

SPARE PART CATALOG

SYSTEM



Power. Passion. Partnership.

Printed in Germany

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This handbook is provided for use by maintenance and operating personnel in order to avoid malfunctions or damage during operation.

Subject to alterations and amendments.

Preface

This catalog is the basic reference document for ordering spare parts. Illustrations are provided for extensive assembly operations to assist trained personal in conducting such operations but do not claim to be complete. For better overview, even product components that are not available as spare parts are shown.

The individual components were taken from the assembly list.

Catalog structure

The catalog is divided into Function Groups (FG) and Function Group Segments (FGS) in ascending order.

The side contain the following information:

- **MODEL:** (Product Type)
- **SERIAL NO.:**
- **FG/FGS DESIGNATION**
- **FG/FGS NO.:**
- **BOM No.:**

Explanation of columns

- **ITEM:** Provides a cross-reference between illustration and text section.
- **PART NO.:** This is the valid number for ordering the part in question.
- **DESIGNATION:** The precise part name.
- **MODEL/TYPE** is an additional specification.
- **QTY.: (Quantity in Unit):** Indicates the quantity of this part required for the case in question. Quantities not stated are available on request.
- **UNIT:** The 3-character codes indicate: PC = Piece, KG= Kilogram, M= Meter, ROL= Roll, PAC= Pack
- **WEIGHT**
- **FN.:** (Footnote) Provides additional parts information. For clarification of footnote symbols, see Page 2.
- **DIMENSIONS:** This column contains standard-part dimensions or manufacturer designations for purchased parts.
- **STANDARD**

Amendments service

Part No. changes and amendments which occur after publication of the catalog are not published. We therefore recommend that users make a record of amendments in their catalogs. This information is provided, for instance, in order confirmations and/or on spare parts labels.

Footnotes: Key

- AB** Only available complete. Repair by manufacturer only.
- AC** Not scheduled as a spare part. Availability must be checked.
- ACN** Not scheduled as a spare part. Availability must be checked. Component only available complete.
- EM** Emission-relevant part. In the case of all marine engines with IMO certification it should be noted that the identification numbers of the emission-relevant parts on the engine must match the details given in the technical file.
When ordering, quote EM code with order no. E.g: 535 030 04 17 EM.
- EMN** Emission-relevant parts. Component only available complete.
- KD** Group balancing required
- KE** Individual part; not scheduled as a spare part.
- KF** Adjusted spare part.
- KFN** Adjusted spare part. Component only available complete.
- M** Spares-related components or parts with different repair sizes.
Dimensions are listed in the Tolerances and Wear Limits List.
- MN** Spares-related components or parts with different repair sizes. Components only available complete.
- MUB** Spares-related components or Parts with different repair sizes. Available only as complete set.
- NN** Component is not broken down into further sub-components.
- P** List of bought-in components
- SB** Group of parts which are welded or brazed together
- UA** Indicate dimensions when ordering
- UB** Only supplied complete or as a complete set.

Ordering Procedure

The following information is essential for spare-part order processing:

- Engine Model
- Serial number (see engine name plate)
- FG/FGS
- Item
- Part No.
- Designation
- Model/Type
- Quantity
- Page

When ordering replacement parts for ancillary equipment such as injection pumps, fuel pumps, etc., give both model and part number of the part.

When ordering a calibrated part (marked by "KF", "KFN" in the "FN" column), type the following additional information in the **Comments** field:

If the calibration No. is known (see part's nameplate):

Add the calibration No., preceded by an oblique stroke, as an extension to the part number ("/xxxxx")

e.g.: 0025362810/E1234 Here, the extension "E1234" would be the part's calibration number on the nameplate.

If the calibration No. is not known:

Give a detailed description of the required part's installation location by quoting the complete Device Description code (e.g. "= 37.1.1 + A022 - F003") plus the part number extension "/77" (e.g. 5005362810/77).

In this case, the calibrated spare part will be supplied under a new part number.

The Device Description is found on the nameplate at the part's installation location, or in the corresponding Wiring Diagram.

When ordering a non-calibrated adjustable part (marked by "KF", "KFN" in the "FN" column) which should not be calibrated by the factory: Add extension "/76" to the part number (e.g. 0025362810/76).

Phone orders should be confirmed in writing to prevent errors.

Ordering Example:

Engine model	Serial number	FG/FGS	ITEM	Part No.	Designation	Quantity	Page
16V4000R41	527101836	031 88	5	5270300701	Crankshaft	1	33
		083 05	10	0020922801	Easy-Cange Filter	2	92
Blue Line	V4000M Waterjet	517 00	75	5185301593	Control Console	1	53

Factory repairs

Parts shipped to MTU for repair must be marked with the relevant engine serial number (tag or label, for example).

Exchange components (Reman)

Exchange components are parts overhauled by the manufacturer. They have the same service life and quality characteristics as new parts.

Components which are included in the Reman exchange program are marked by the following letters in front of the item number:

For instance: **E** 524 010 3520 = **New component in exchange program**

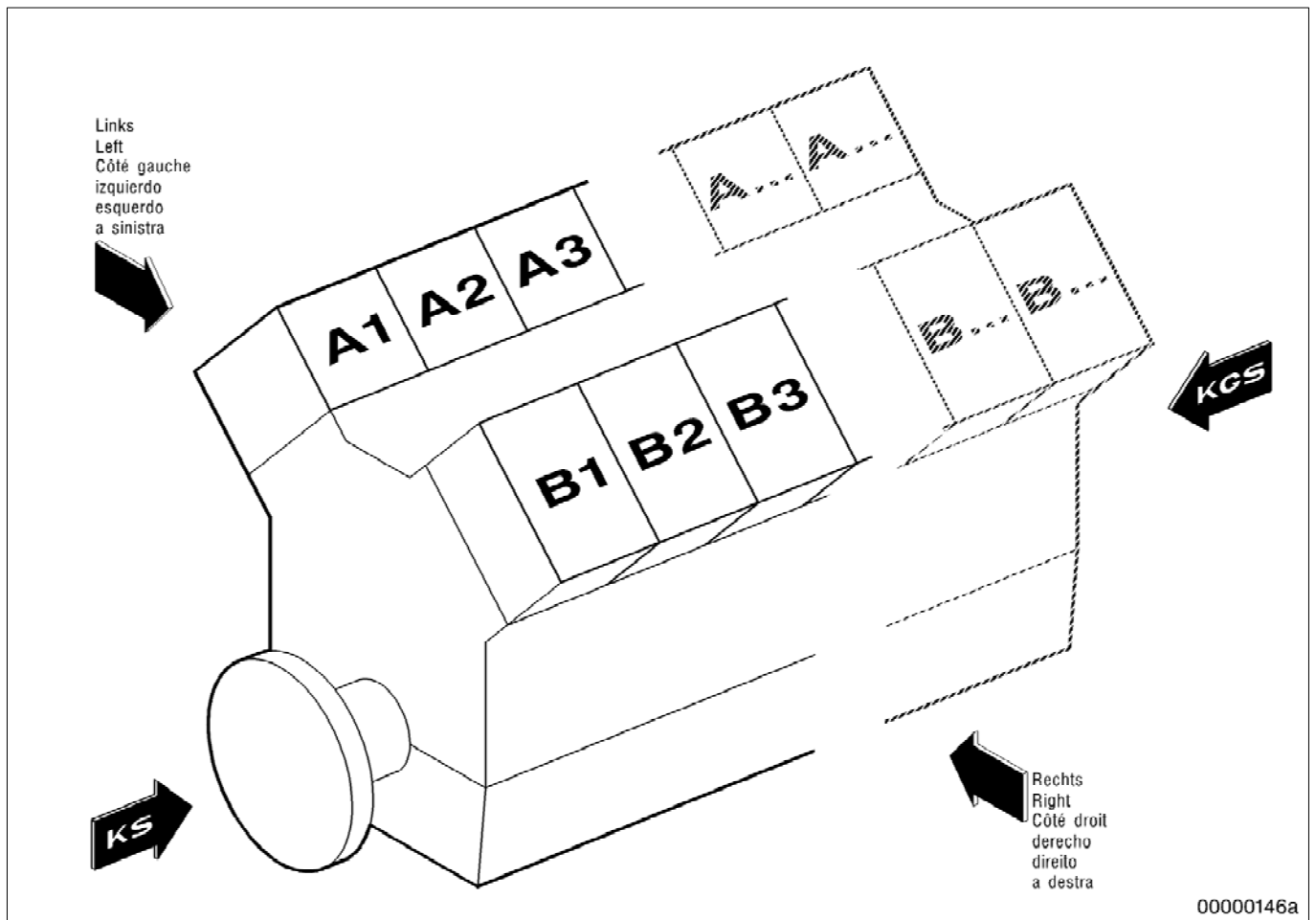
R 524 010 3520 = **Reman component in exchange program**

Exchange procedure

With the introduction of exchange components, the so-called core deposit will also be charged for new parts. The core deposit will be indicated separately on the invoice and the respective value will be credited upon return of reusable components.

Further information upon request.

Engine side and cylinder designations



Engine sides / banks are always designated as viewed from the driving end (KS).
 The left bank of cylinders is designated "A" and the right bank "B" (according to DIN ISO 1204).
 The cylinders of each bank are numbered consecutively from the driving end, starting with No. 1.
 Other engine components are also numbered consecutively from the driving end, starting with No. 1.

Designations and abbreviations

- Driving end = KS
- Free end = KGS
- Left-hand side
- Right-hand side
- Top
- Bottom
- Turbocharger = ATL

EQUIPMENT TYPE

PRODUCT TYPE
SERIAL NUMBER

Engine

16V4000M23S
527110243

Engine

16V4000M23S
527110276

Engine

16V4000M23S
527110279

Generator

GENERATOR
1304937000_000001

Generator

GENERATOR
1304937000_000002

Generator

GENERATOR
1304937000_000003

System

SYSTEM
1304937_000001

EQUIPMENT TYPE

PRODUCT TYPE
SERIAL NUMBER

Engine
16V4000M23S
527110243

FG	FG DESIGNATION
004	LABELS AND AUXILIARY MATERIALS
010	CRANKCASE AND ATTACHMENTS
011	CRANKCASE
014	OIL PAN
015	ENGINE MOUNTING
016	END HOUSING, DRIVING END AND FREE END
018	CRANKCASE BREATHER
024	GEARCASE, AUX PTO END
030	RUNNING GEAR
031	CRANKSHAFT WITH BEARINGS
032	CRANKSHAFT, PTO ON DRIVING END
035	CRANKSHAFT, PTO ON AUX PTO END
036	TRANSPORT LOCK/LOCK FOR CRANKSHAFT
037	PISTON
038	CONNECTING ROD
041	CYLINDER HEAD
051	CAMSHAFT
055	VALVE DRIVE
073	INJECTION PUMP / HP PUMP
075	FUEL INJECTOR
077	INJECTION LINE / HP FUEL LINE
080	L.P. FUEL SYSTEM; (ALSO GAS ENGINES)
081	FUEL PIPEWORK BEFORE DELIVERY PUMP
083	FUEL FILTER
087	LEAK-OFF FUEL MONITORING
100	TURBOCHARGING (EXHAUST TURBOCHARGER / COMPRESSOR)
111	CHARGE AIR COOLING, GENERAL, LEFT SIDE
120	AIR SYSTEM / AIR DUCTING
121	AIR FILTER
122	AIR INTAKE SILENCER
124	AIR SUPPLY TO CYLINDERS
140	EXHAUST SYSTEM
141	EXHAUST SYSTEM AFTER CYLINDER HEAD
143	CARRIER HOUSING
145	EXHAUST SYSTEM AFTER TURBOCHARGER
146	EXHAUST DUCTING AFTER ENGINE (TO END OF EXH. AFTERTREATMENT)
170	STARTING SYSTEM
172	ELECTRIC STARTING
173	AIR STARTER
180	LUBRICATING OIL SYSTEM
181	LUBE OIL PUMP AND DRIVE
183	OIL FILTRATION/COOLING
184	CRANKCASE-INTERNAL OIL SUPPLY
188	CONNECTING HARDWARE FOR ENGINE OIL SUPPLY
200	COOLANT SYSTEM
202	COOLANT CIRCUIT, GENERAL, HT CIRCUIT

FG FG DESIGNATION

- 203 LOW-TEMPERATURE CIRCUIT
- 205 COOLANT COOLER ATTACHING H/WARE
- 206 COOLANT PIPEWORK WITH THERMOSTAT
- 207 RAW WATER PUMP WITH CONNECTIONS
- 208 COOLANT EXPANSION TANK
- 230 MOUNTING / SUPPORT
- 231 ENGINE MOUNTING
- 259 AUXILIARY PTO, SIDE-MOUNTED
- 342 DRIVE SYSTEM
- 360 AUXILIARY SYSTEMS - SUPPLEMENTARY EQUIPMENT
- 362 COMPRESSED AIR SUPPLY SYSTEM
- 500 MONITORING AND CONTROL SYSTEM, GENERAL ELECTRICAL EQUIPMENT
- 507 WIRING, GENERAL, FOR ENGINE/GEARBOX/PLANT
- 508 ACCESSORIES FOR ENGINE GOVERNOR (ELECTRONIC) CONTROL SYSTEM
- 510 MONITORING EQUIPMENT
- 511 ALARM SYSTEM
- 515 PRESSURE/TEMPERATURE MONITORING SYSTEMS (EXCL. EXHAUST GAS)
- 517 EMERGENCY INSTRUMENTATION (CONTROL STAND)

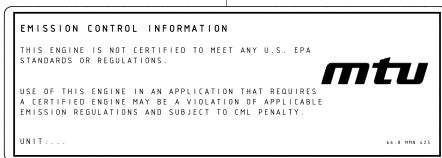
GROUP NUMBER (FG)
 GROUP NAME
 BOM-No.

PLATE
 000.00899



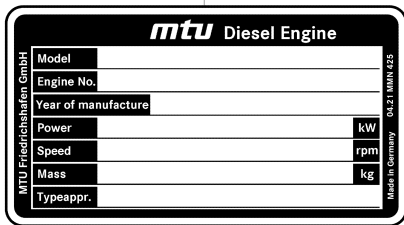
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NON-EPA LABEL
 XS524000.00019



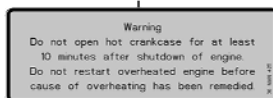
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NAMEPLATE ENGLISH
 XS524000.00097



00400160

PLACARD POS. EXPL: HAZARD
 XS524000.00104



00400167

GROUP NUMBER (FG)

GROUP NAME

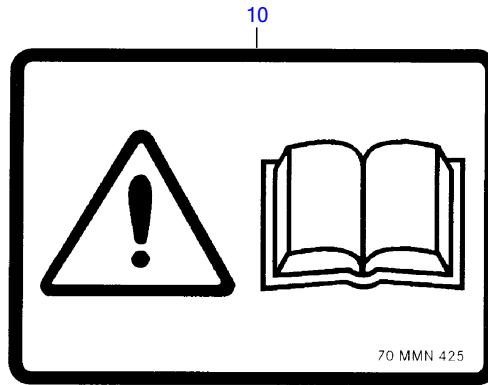
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PLACARD

XSD01000.00002



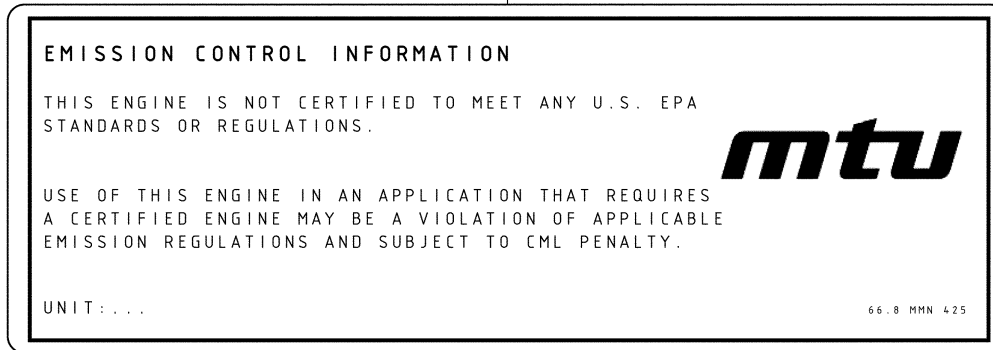
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00400053a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	MEASUREMENT	STANDARD
10	700425000155	PLATE	1	PC	70	MMN425

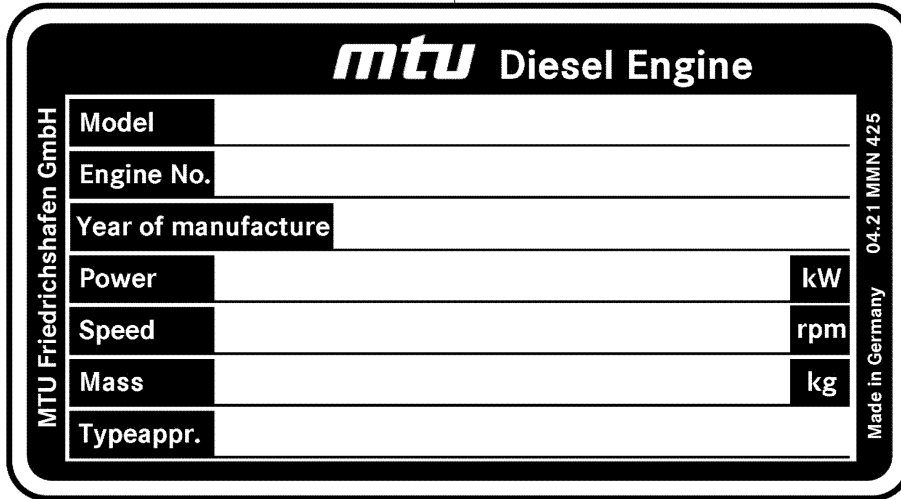
100



00400106a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	FN	MEASUREMENT	STANDARD
100	700425000182	EMI-LABEL NON-EPA	1	PC	EM	66.8	MMN425

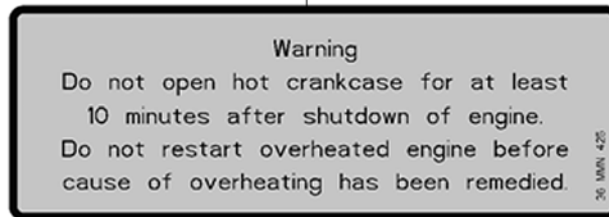
20



00400160

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
20	700425000219	NAMEPLATE FOR DIESEL ENGINE	1	PC	6,700 G	EM	04.21	MMN425

150



00400161

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
150	700425000039	PLATE	4	PC	3,100 G	36	MMN425

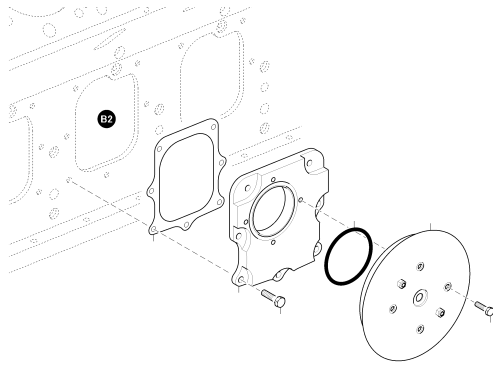
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00400157a

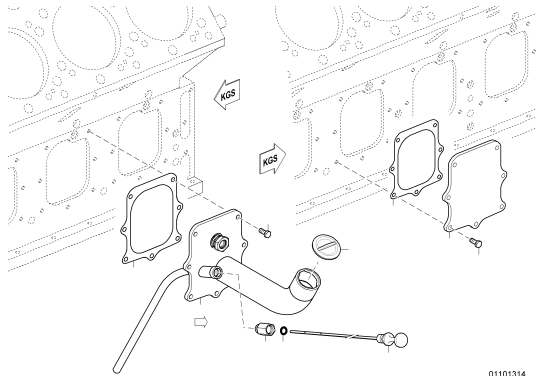
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
100	XD0000400001	PLACARD CRUSHING HAZARD	2	PC	1 G

GROUP NUMBER (FG)
GROUP NAME
BOM-No.



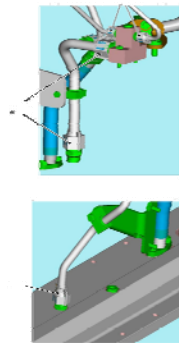
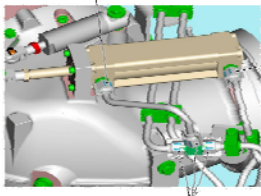
SAFETY VALVE WITH TEST CERT. 3.1
XS594010.00056

01101167a



INSPECT PORT COVER W OIL DIPSTICK, RGH
XS595010.00068

01101314



HEAT SHIELD FOR SOLAS
XS595990.00033

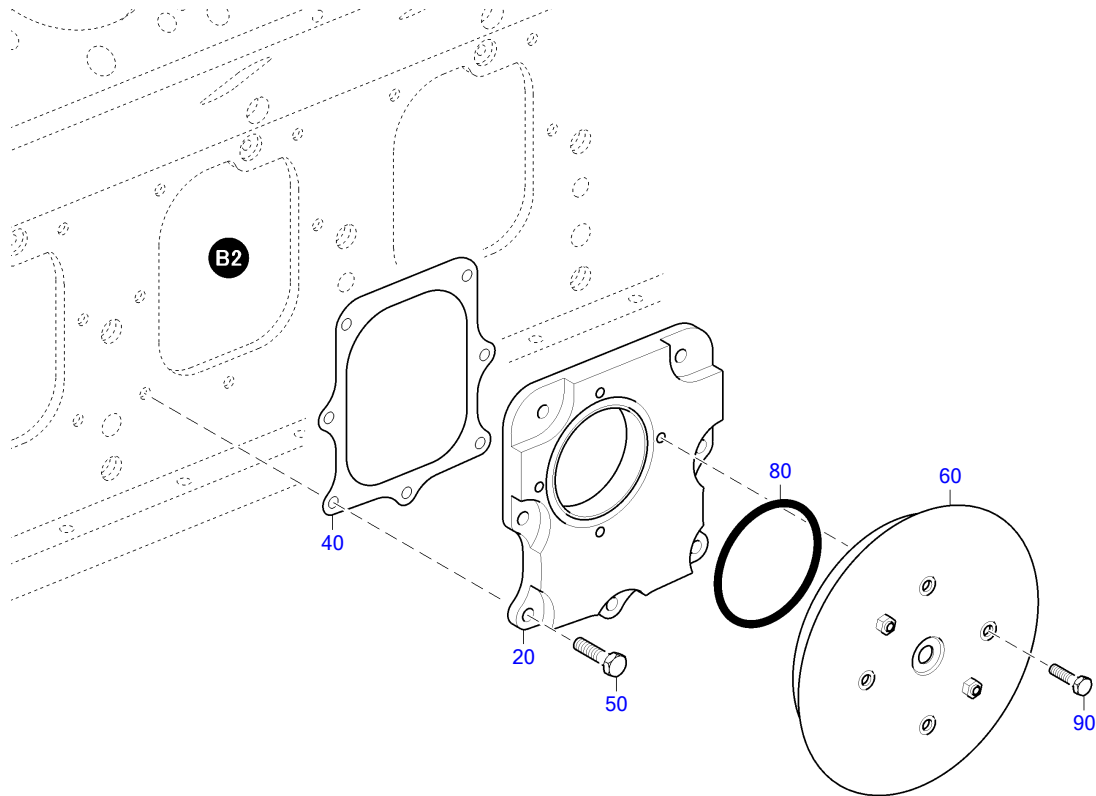
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EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
SAFETY VALVE WITH TEST CERT. 3.1

SERIAL NUMBER: 527110243

FG/FGS: 010 00
BOM-No.: XS594010.00056



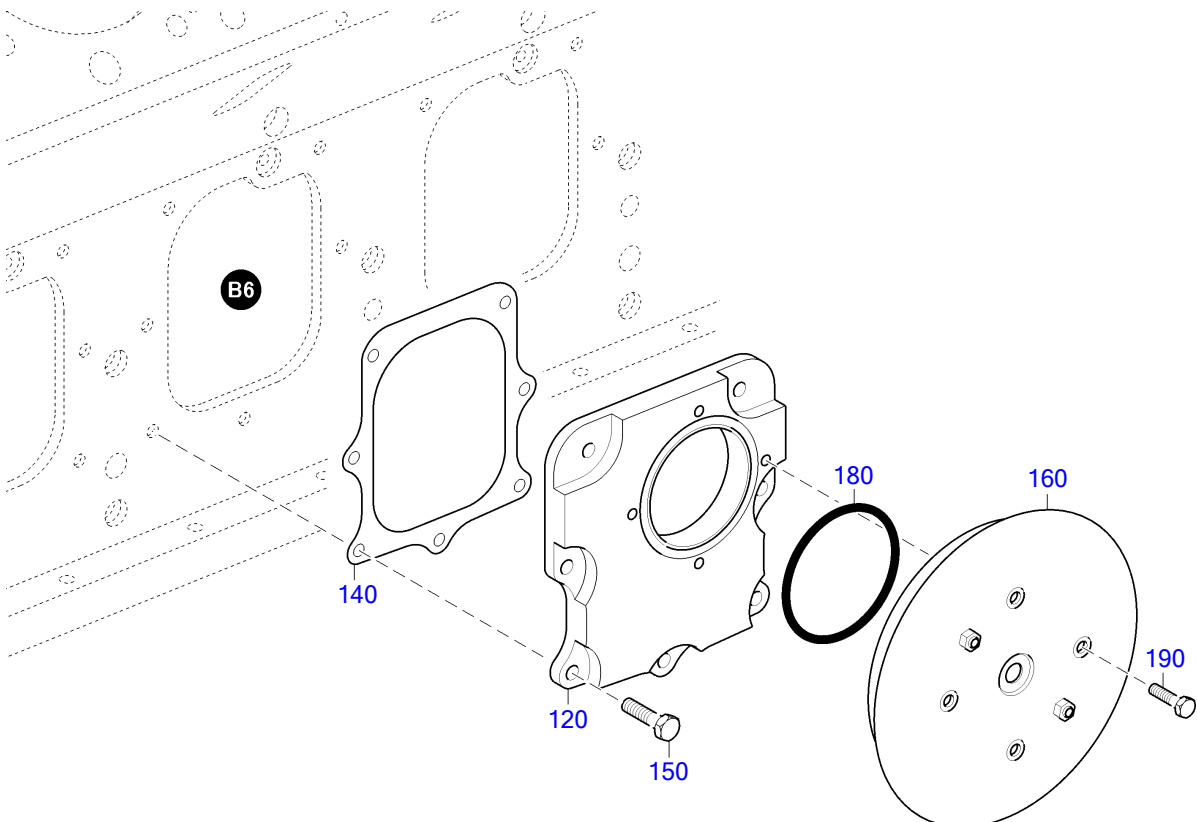
01101187a

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
SAFETY VALVE WITH TEST CERT. 3.1

SERIAL NUMBER: 527110243

FG/FGS: 010 00
BOM-No.: XS594010.00056



01101188a

EQUI TYPE: Engine

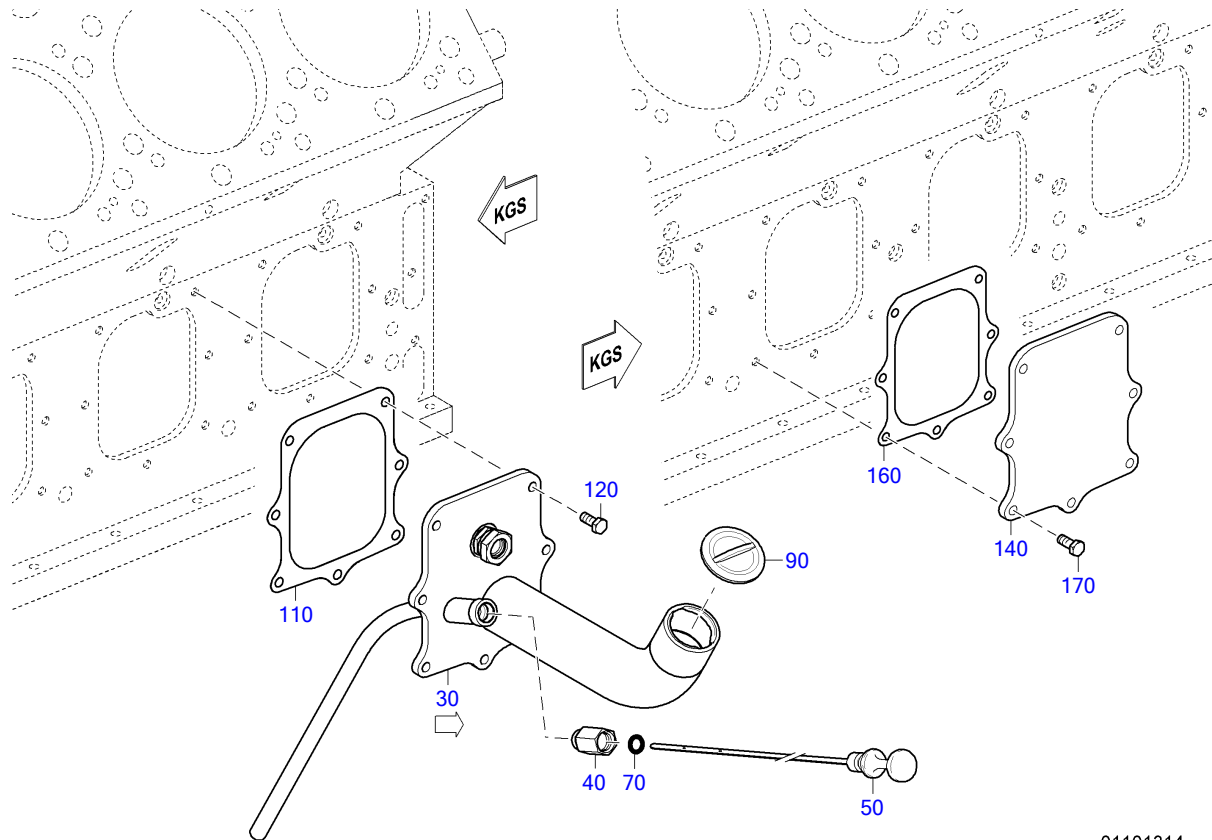
PRODUCT TYPE: 16V4000M23S
SAFETY VALVE WITH TEST CERT. 3.1

SERIAL NUMBER: 527110243

FG/FGS: 010 00

BOM-No.: XS594010.00056

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
20	X52401100005	INSPECT PORT COVER W/SAFETY VALVE	1	PC	4,667 KG		
40	5240111380	GASKET	1	PC			
50	00000003021	HEX SCREW	7	PC	23,700 G	M 10 X 25	ISO4017
60	X58401100013/87	SAFETY VALVE WITH TEST CERT. 3.1	1	PC	4,200 KG		
80	700429095004	O-RING	1	PC	13,800 G	95 X 5	MMN429
90	304017008088	BOLT HEX A3C	4	PC	23,440 G	M 8 X 55	ISO4017
120	X52401100006	INSPECT PORT COVER W/SAFETY VALVE	1	PC	4,857 KG		
140	5240111380	GASKET	1	PC			
150	00000003021	HEX SCREW	7	PC	23,700 G	M 10 X 25	ISO4017
160	X58401100013/87	SAFETY VALVE WITH TEST CERT. 3.1	1	PC	4,200 KG		
180	700429095004	O-RING	1	PC	13,800 G	95 X 5	MMN429
190	304017008088	BOLT HEX A3C	4	PC	23,440 G	M 8 X 55	ISO4017



01101314

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
30	X59401100039	INSPECT PORT COVER W/OIL FILLER NECK	1	PC	4,900 KG		
40	8800180770	CONNECTOR THREADED	1	PC			
50	5240101672	OIL DIPSTICK	1	PC	215 G		
70	700429012002	O-RING	1	PC	2,330 G	12 X 5	MMN429
90	0000181802	OIL FILL CAP	1	PC	113 G		
110	5240111380	GASKET	1	PC			
120	000000003021	HEX SCREW	7	PC	23,700 G	M 10 X 25	ISO4017
140	5240110732	COVER CYL BLOCK ACCESS PORT	1	PC	2,740 KG		
160	5240111380	GASKET	1	PC			
170	000000003021	HEX SCREW	7	PC	23,700 G	M 10 X 25	ISO4017

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
INSPECT PORT COVER W/OIL FILLER NECK

SERIAL NUMBER: 527110243

FG/FGS:

BOM-No.: X59401100039

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	X59401100026	INSPECT PORT COVER W/OIL FILLER NECK	1	PC			
150	0000180201	OIL FILLER NECK	1	PC	91,100 G		
200	5240180070	UNION	1	PC	283 G		
300	5590180165	STRAINER	1	PC	41 G		
350	007603026104	COPPER SEALING RING	1	PC	3,100 G	A 26 X 31	DIN7603
400	915013020002	SCREW NECK	1	PC	67,500 G	20 (M30X1,5/M26X1,5)	N15013
450	915005020001	CONE SEALING	1	PC	15,400 G	22	MBN15005
500	915001020003	NUT	1	PC	48 G	20 M 30 X 1,5	N15001

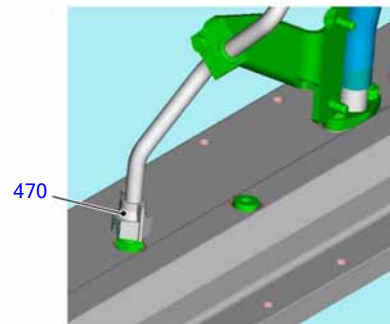
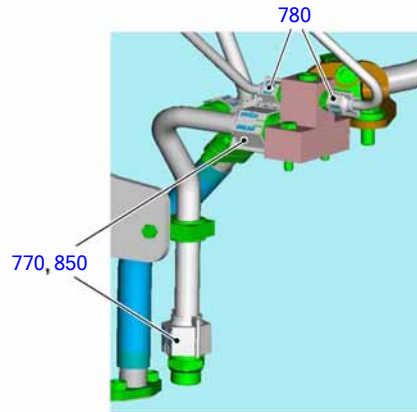
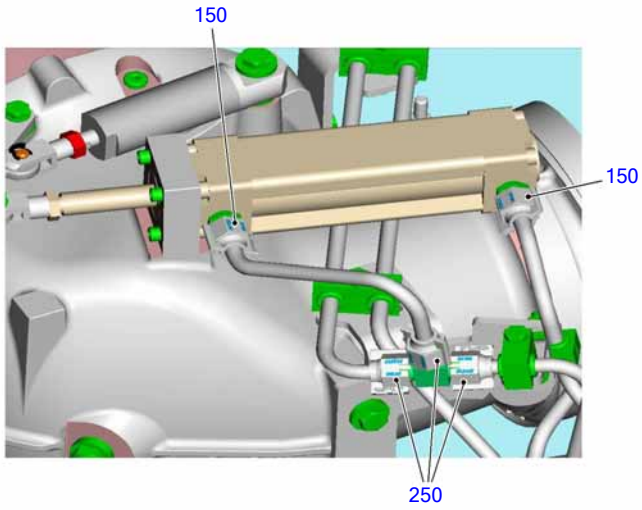
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
HEAT SHIELD FOR SOLAS

SERIAL NUMBER: 527110243

FG/FGS: 010 00

BOM-No.: XS595990.00033



01000676a

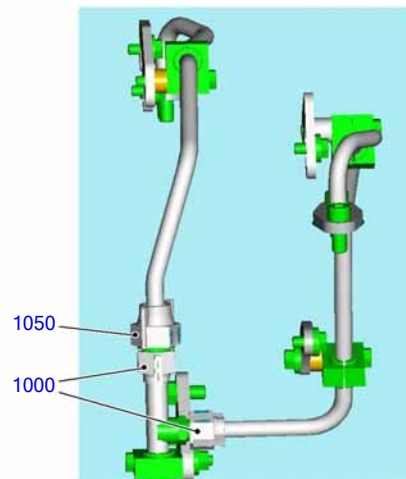
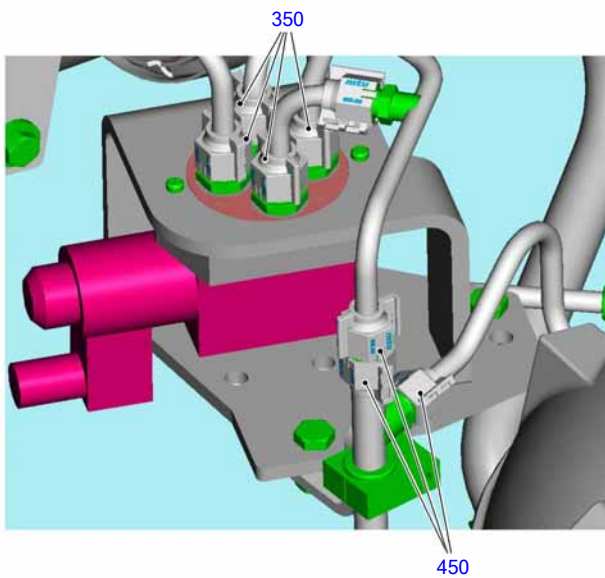
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
HEAT SHIELD FOR SOLAS

SERIAL NUMBER: 527110243

FG/FGS: 010 00

BOM-No.: XS595990.00033



01000677a

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
HEAT SHIELD FOR SOLAS

SERIAL NUMBER: 527110243

FG/FGS: 010 00

BOM-No.: XS595990.00033



01000678a

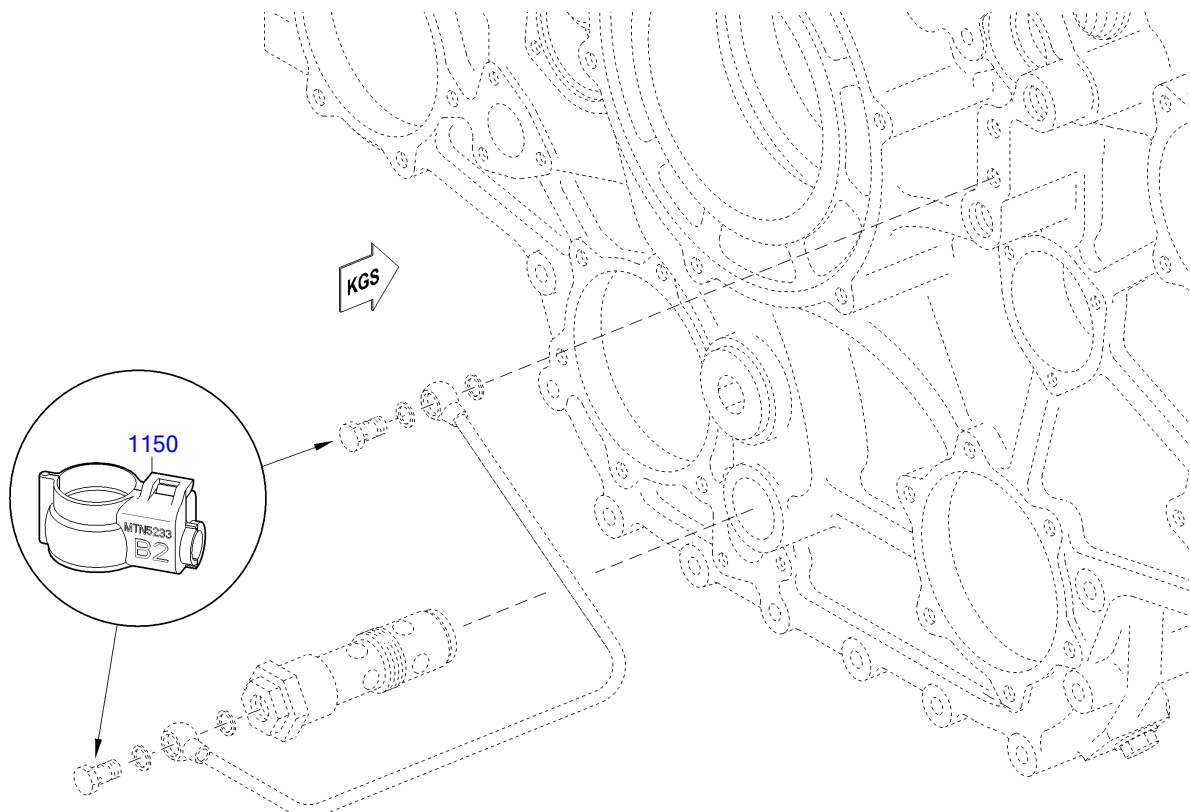
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
HEAT SHIELD FOR SOLAS

SERIAL NUMBER: 527110243

FG/FGS: 010 00

BOM-No.: XS595990.00033



00001053d

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
HEAT SHIELD FOR SOLAS

SERIAL NUMBER: 527110243

FG/FGS: 010 00

BOM-No.: XS595990.00033



1250



1400



1350



1500

01000665a

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
HEAT SHIELD FOR SOLAS

SERIAL NUMBER: 527110243

FG/FGS: 010 00

BOM-No.: XS595990.00033



1600



1700

01000666a

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
HEAT SHIELD FOR SOLAS

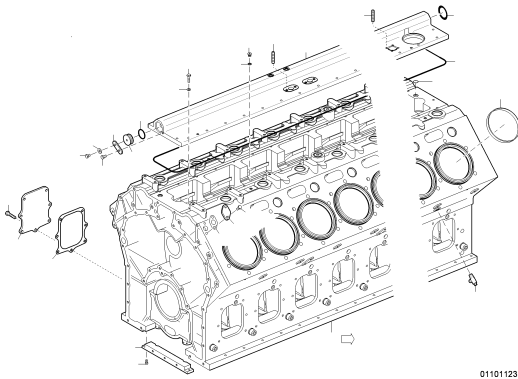
SERIAL NUMBER: 527110243

FG/FGS: 010 00

BOM-No.: XS595990.00033

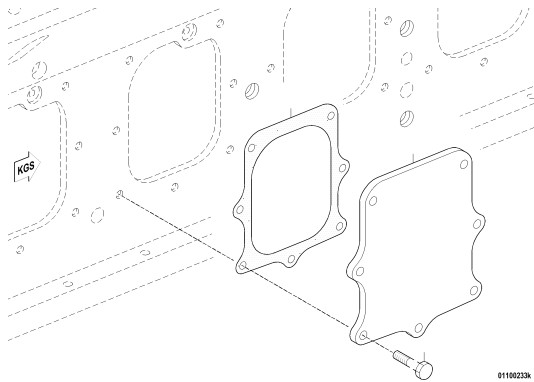
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
150	735233000101	COVER	4	PC	3 G	A 5 - X00004694	MTN5233
250	735233000101	COVER	3	PC	3 G	A 5 - X00004694	MTN5233
350	735233000101	COVER	5	PC	3 G	A 5 - X00004694	MTN5233
450	735233000101	COVER	2	PC	3 G	A 5 - X00004694	MTN5233
470	735233000103	COVER	1	PC	5 G	A 7 - X00004797	MTN5233
550	735233000101	COVER	2	PC	3 G	A 5 - X00004694	MTN5233
650	735233000102	COVER	1	PC	4 G	A 6 - X00004796	MTN5233
700	735233000202	COVER	1	PC	10 G	B 4 - X00007482	MTN5233
770	735233000500	COVER	1	PC	10,564 G	E 5 - X00014661	MTN5233
780	735233000101	COVER	2	PC	3 G	A 5 - X00004694	MTN5233
850	735233000500	COVER	1	PC	10,564 G	E 5 - X00014661	MTN5233
1000	735233000102	COVER	1	PC	4 G	A 6 - X00004796	MTN5233
1050	735233000103	COVER	2	PC	5 G	A 7 - X00004797	MTN5233
1150	735233000200	COVER	2	PC	5,500 G	B 2 - X00005424	MTN5233
1350	735233000104	COVER	1	PC	6 G	A 8 - X00004798	MTN5233
1400	735233000104	COVER	1	PC	6 G	A 8 - X00004798	MTN5233
1500	735233000500	COVER	2	PC	10,564 G	E 5 - X00014661	MTN5233
1600	735233000104	COVER	2	PC	6 G	A 8 - X00004798	MTN5233
1700	735233000204	COVER	2	PC	17,900 G	B 6 - X59699100062	MTN5233

GROUP NUMBER (FG)
GROUP NAME
BOM-No.



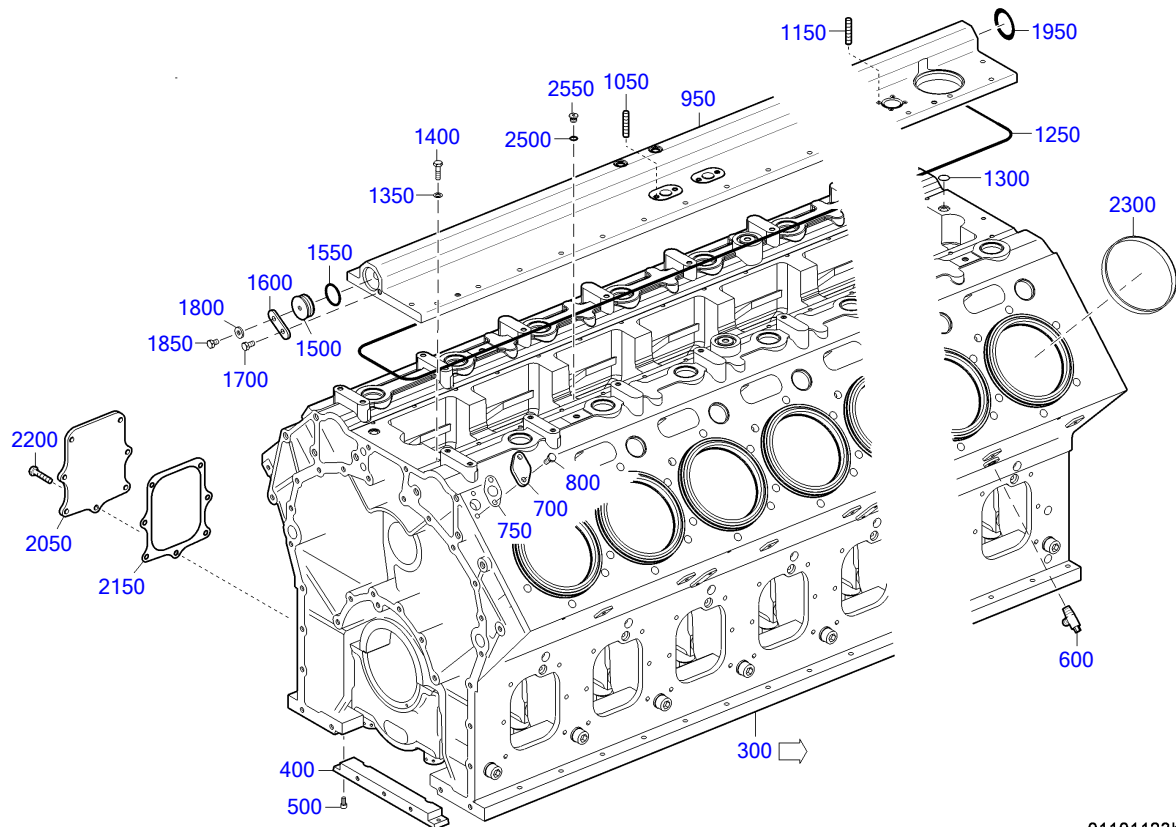
CRANKCASE
XS595010.00063

01101123b



INSPECT PORT COVER
XS593010.00008

0110023a



01101123b

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
300	X59501100003	CRANKCASE	1	PC		EM		
400	X52401100023	STRIP	1	PC	2,800 KG			
500	000912008115	BOLT HEX SOC HD	2	PC	12 G		M 8 X 16	DIN912
600	0049976736	VALVE DRAIN	2	PC				
700	5240110045	COVER CRANKCASE BREATHER	2	PC	175 G			
750	5501871280	GASKET	2	PC	1,400 G			
800	000000003020	BOLT HEX A3C	4	PC	20,010 G		M 10 X 20	ISO4017
950	X59501100017	COVER FOR CAMSHAFT CHAMBE	1	PC	36,500 KG		16V AS/HORIZ.	
1050	000835008086	STUD	4	PC	13 G		M 8 X 25	DIN835
1150	000835010056	STUD	4	PC			M 10 X 25	DIN835
1250	5279970345	SEAL STRIP	1	PC	183 G		1357X5	
1300	700429018005	O-RING	10	PC	1,900 G		18 X 4	MMN429
1350	000125010524	WASHER	36	PC	3,100 G		A 10,5	DIN125
1400	000000003326	HEX SCREW	36	PC	28,180 G		M 10 X 35	ISO4017
1500	735084050000	PLUG	1	PC	103,600 G		50	MTN5084
1550	700429042000	O-RING	1	PC	6,400 G		42 X 5	MMN429
1600	5249950059	STRAP	1	PC	72 G			
1700	000000003020	BOLT HEX A3C	1	PC	20,010 G		M 10 X 20	ISO4017
1800	007349010002	WASHER	1	PC	11 G		10,5	DIN7349
1850	204017010004	BOLT A3C	1	PC			M 10 X 16	ISO4017
1950	700429055001	O-RING	1	PC	8,110 G		55 X 5	MMN429
2050	5240110732	COVER CYL BLOCK ACCESS PORT	7	PC	2,740 KG			
2150	5240111380	GASKET	7	PC				
2200	000000003021	HEX SCREW	49	PC	23,700 G		M 10 X 25	ISO4017
2300	5240110259	RING CARBON SCRAPER	16	PC	204,500 G			

EQUI TYPE: Engine

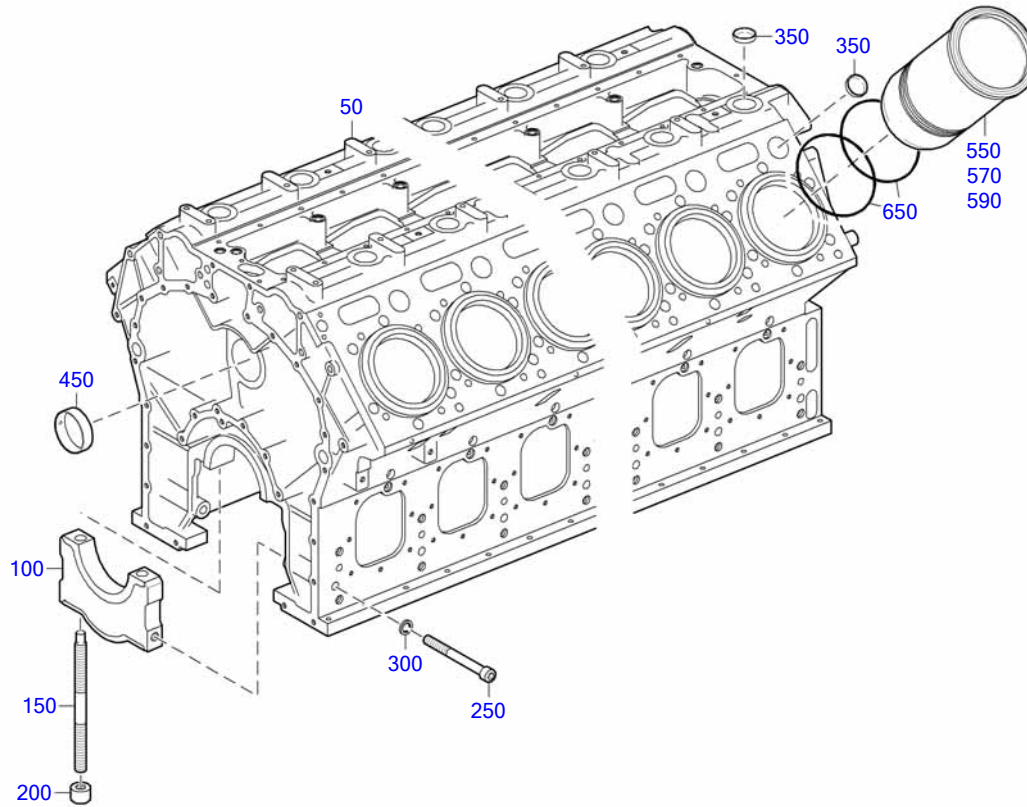
PRODUCT TYPE: 16V4000M23S
CRANKCASE

SERIAL NUMBER: 527110243

FG/FGS: 011 05

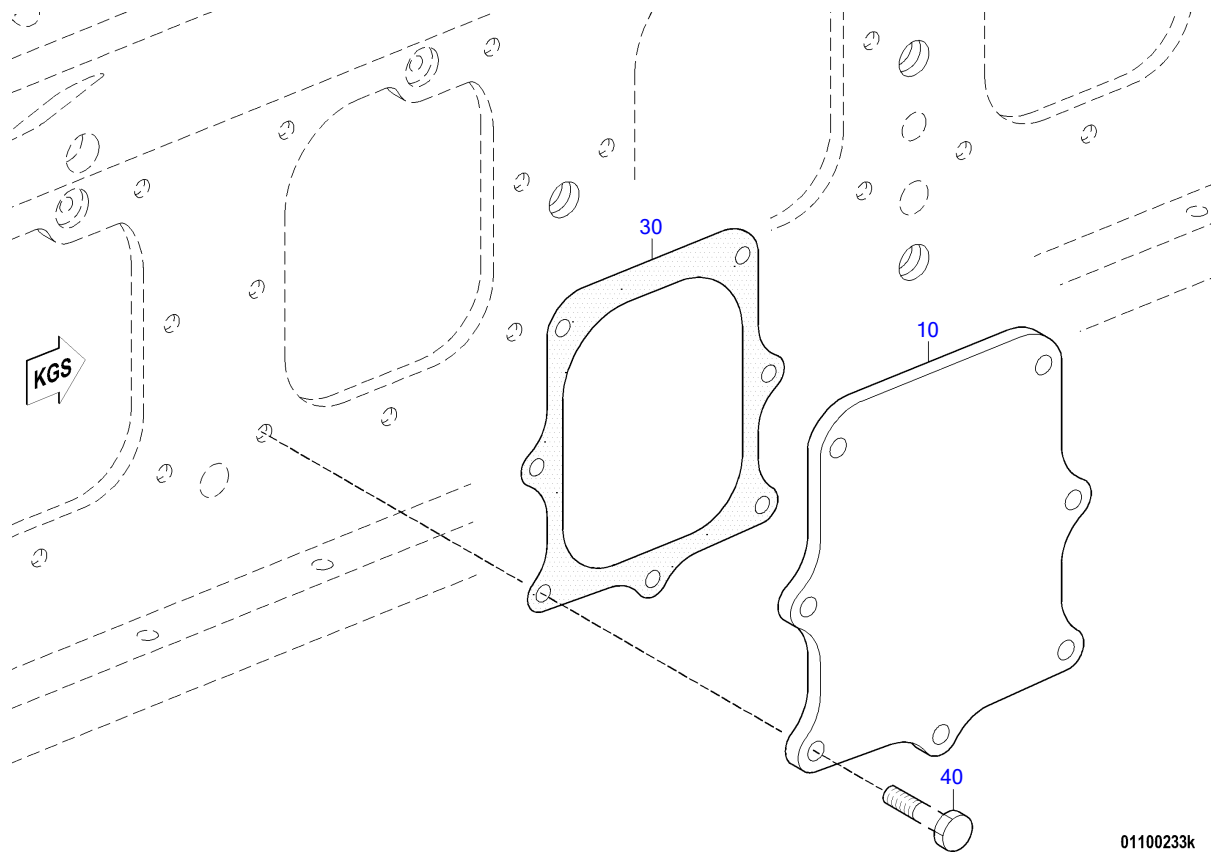
BOM-No.: XS595010.00063

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
2500	007603014102	COPPER SEALING RING	2	PC	1 G		A 14 X 18	DIN7603
2550	000908014001	THREAD PLUG	2	PC	16,100 KG		M 14 X 1,5	DIN908
3050	EX59501100003	CRANKCASE	1	PC		MN EM		



01101017b

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
50	X59501100002	CRANKCASE	1	PC		EM		
100	X59301100005	CRANKSHAFT BRG CAP	9	PC	12,485 KG			
150	5240110570	STUD	18	PC	1,090 KG			
200	5240110172	NUT	18	PC				
250	X52899100040	SCREW W. INTERNAL HEX.	18	PC	448,100 G		M 20 X 180	
300	700521020200	WASHER	18	PC	17,670 G		20,2	MMN521
350	5249970020	SEALING CAP	32	PC			D 50	
450	5240510110	BEARING CAMSHAFT STD	9	PC	137 G			
550	X00027830	CYLINDER LINER SIZE 0 C23	16	PC		EM		
570	X59301300013	CYLINDER LINER SIZE 1	1	PC	18,640 KG	EM		
590	X59301300014	CYLINDER LINER SIZE 2	1	PC	18,720 KG	EM		
650	5550110259	SEALING RING	32	PC				



01100233k

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	5240110732	COVER CYL BLOCK ACCESS PORT	1	PC	2,740 KG		
30	5240111380	GASKET	1	PC			
40	000000003021	HEX SCREW	7	PC	23,700 G	M 10 X 25	ISO4017

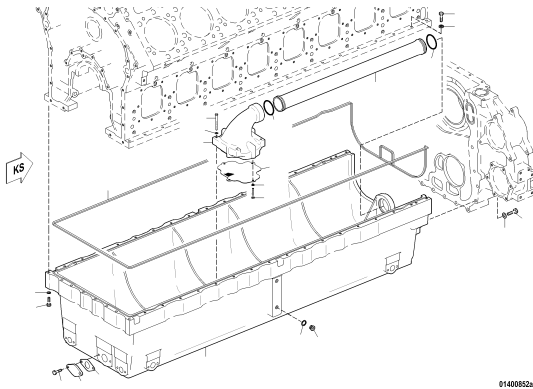
OIL PAN

FG/FGS: 014

GROUP NUMBER (FG)

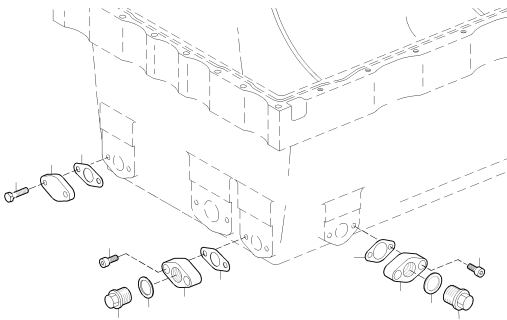
GROUP NAME

BOM-No.



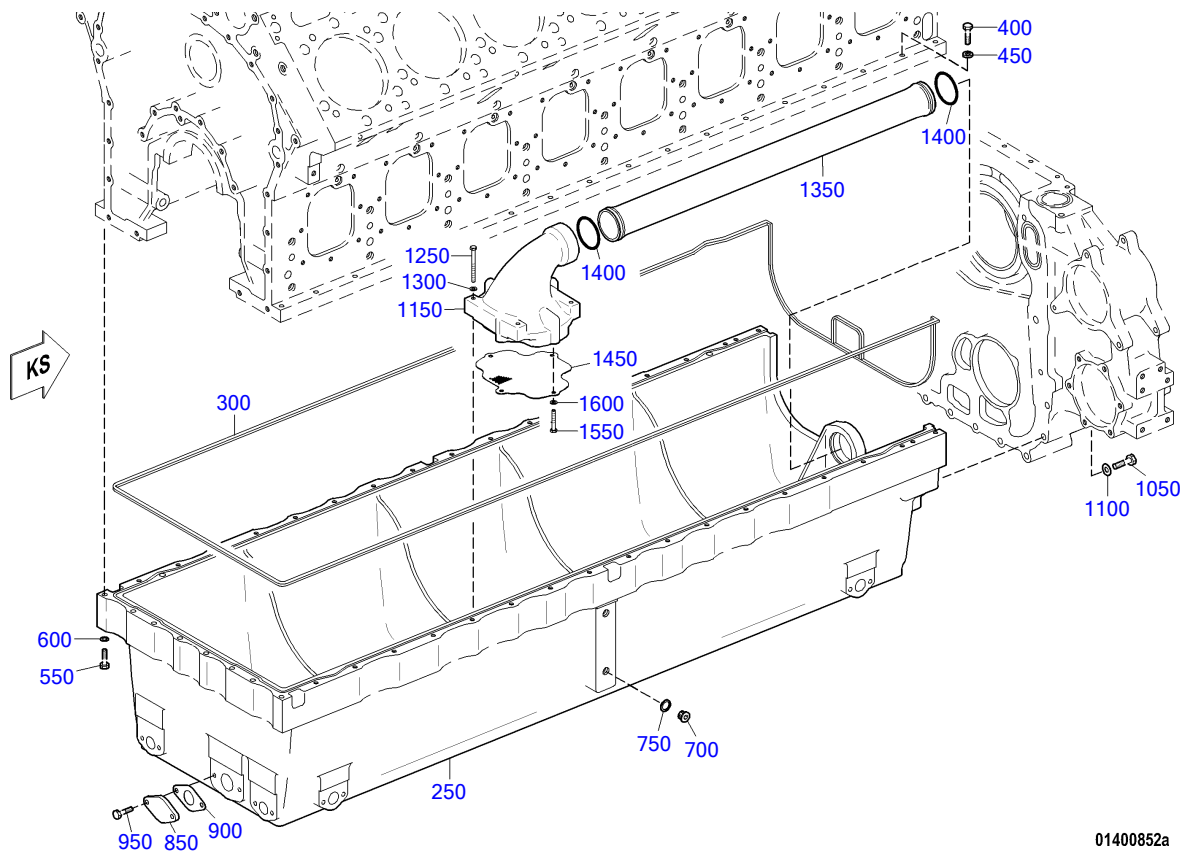
OIL PAN GRAY CAST IRON
X00025458

01400852a



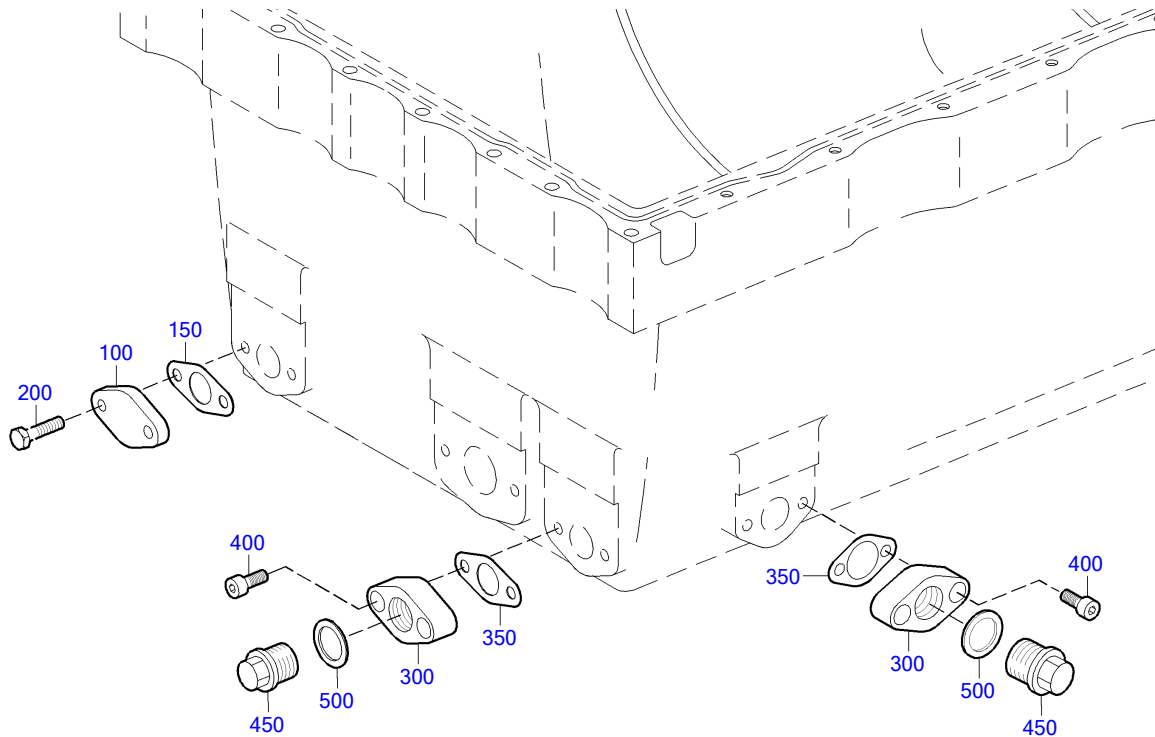
SEAL ELEM. FOR OIL PAN
X00030756

01400853a



01400852a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
250	5270141002	PAN OIL CAST IRON	16V4000	1	PC				
300	5279870435	SEAL OIL PAN 4569LG		1	PC				
400	000933010095	BOLT HEX		36	PC	36,500 G		M 10 X 50	DIN933
450	735151010100	SPACER		36	PC	11 G		A 10,5	MTN5151
550	000931010315	BOLT HEX		8	PC			M 10 X100	DIN931
600	000125010524	WASHER		8	PC	3,100 G		A 10,5	DIN125
700	000908012003	THREAD PLUG		2	PC	11,900 KG		M 12 X 1,5	DIN908
750	007603012111	COPPER SEALING RING		2	PC	0,700 G		A 12 X 15,5	DIN7603
850	5240140033	COVER	BR4000	1	PC				
900	5240140080	GASKET		1	PC	5 G			
950	000933010035	HEX BOLT		2	PC	23,900 G		M 10 X 25	DIN933
1050	000931012176	BOLT HEX		10	PC			M 12 X150	DIN931
1100	007349013002	WASHER		10	PC	22,600 G	MN	13	DIN7349
1150	X00020248	ELBOW SUMP OIL PICKUP ASM		1	PC	3,300 KG			
1250	000931008189	BOLT HEX		4	PC	39 G		M 8 X 85	DIN931
1300	007349008002	WASHER		4	PC	8,300 G		8,4	DIN7349
1350	5242000754	TUBE PLUG-IN-PIPE	4000	1	PC	3,920 KG			
1400	700429070000	O-RING		2	PC	10,300 G		70 X 5	MMN429
1450	X00020254	STRAINER		1	PC				
1550	304017008087	BOLT HEX		4	PC	4,263 G		M 8 X 50	ISO4017
1600	000125008427	WASHER		4	PC	1,500 G		A 8,4	DIN125



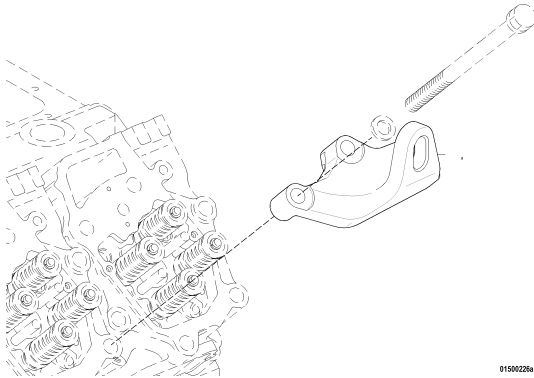
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POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
100	X00018638	FLANGE	7	PC			
150	5602030280	GASKET	7	PC	3,230 G		
200	000933010180	BOLT HEX S2000/4000	14	PC	26 G	M 10 X 28	DIN933
300	5500140145	FLANGE	3	PC			
350	5602030280	GASKET	3	PC	3,230 G		
400	000912010065	BOLT HEX SOC HD	6	PC	24,200 G	M 10 X 25	DIN912
450	5379970030	PLUG	3	PC			
500	007603030101	COPPER SEALING RING	3	PC		A 30 X 36	DIN7603

GROUP NUMBER (FG)

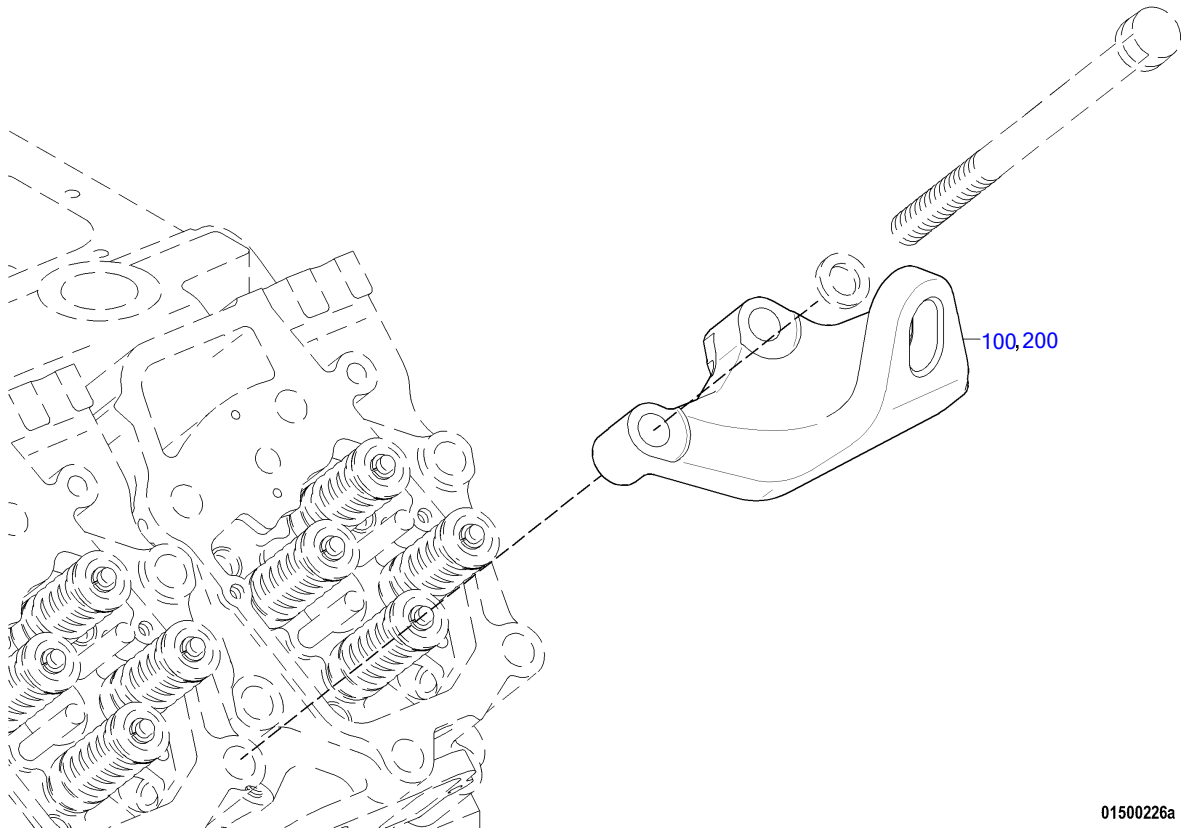
GROUP NAME

BOM-No.



ENGINE MOUNTING REINFORCED
XS596010.00036

01500226a



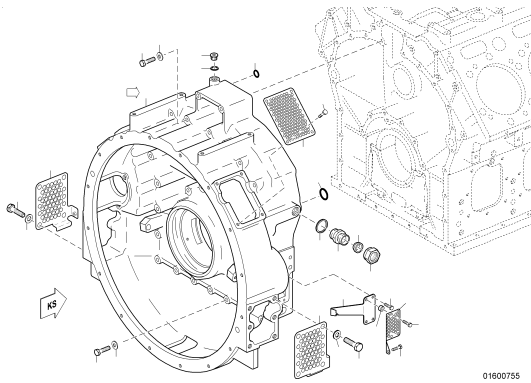
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POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
100	X52801500002	LIFTING EYE	2	PC	8,900 KG
200	X52801500002	LIFTING EYE	2	PC	8,900 KG

GROUP NUMBER (FG)

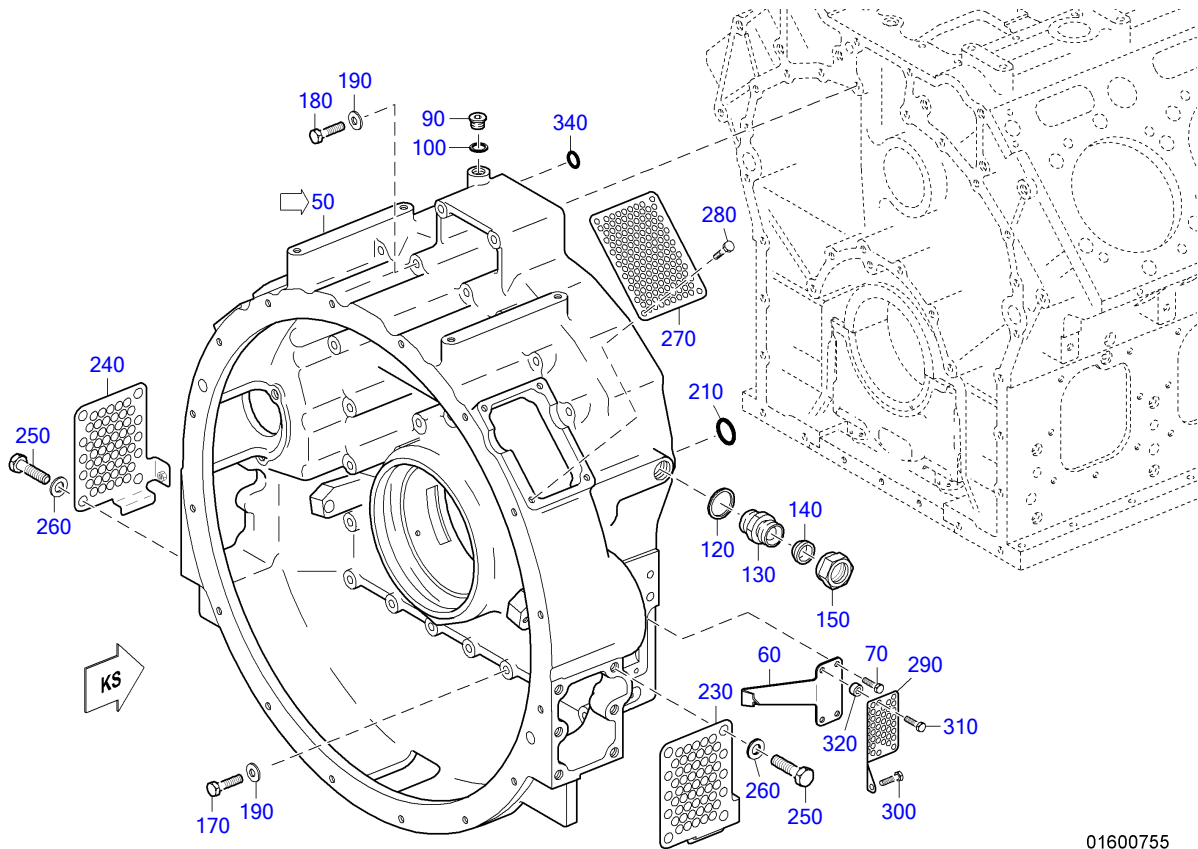
GROUP NAME

BOM-No.



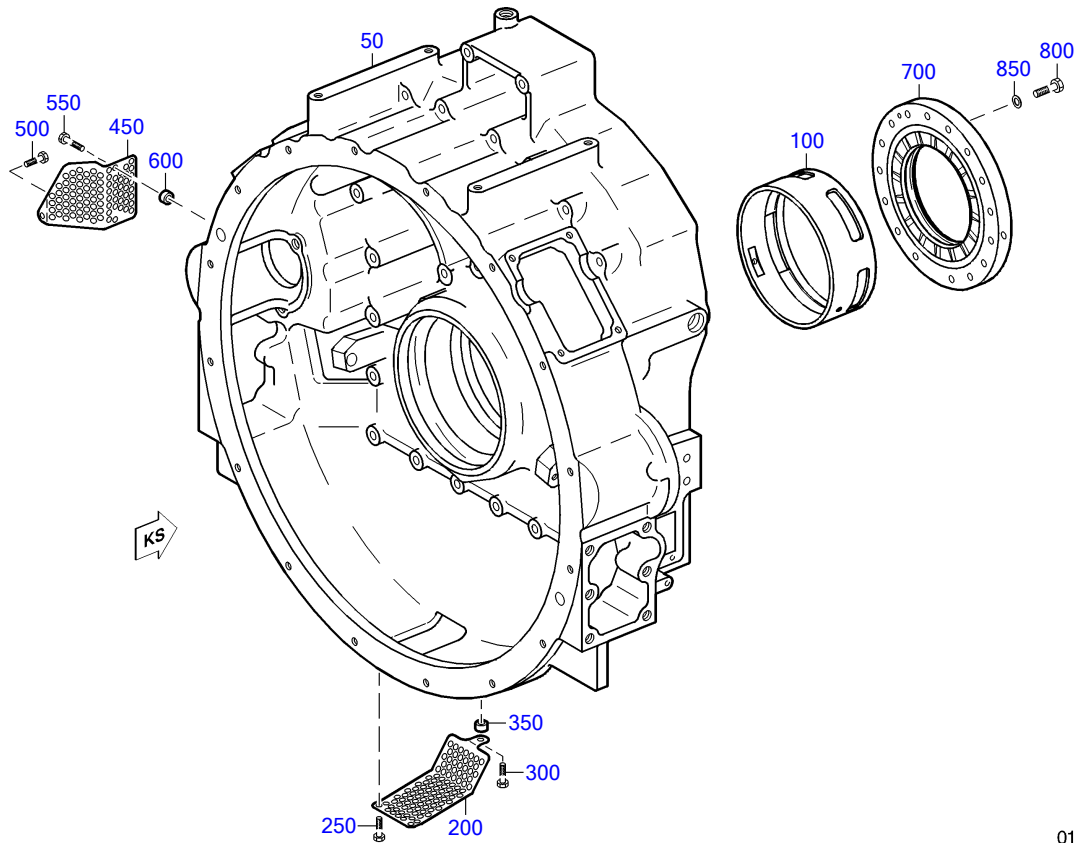
FLYWHEEL HOUSING
XS593010.00019

01600755



01600755

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	X00021778	F/W HSG ASM		1	PC	231,500 KG		
60	X59301600002	DEAD-CENTER INDICATR		1	PC	240 G		
70	304017008077	BOLT HEX A3C S2000/4000		2	PC	10 G	M 8 X 16	ISO4017
90	000908026005	THREAD PLUG		1	PC	69,900 KG	M 26 X 1,5	DIN908
100	007603026104	COPPER SEALING RING		1	PC	3,100 G	A 26 X 31	DIN7603
120	007603030101	COPPER SEALING RING		2	PC		A 30 X 36	DIN7603
130	915007020001	CONNECTOR 20/16		2	PC	86,200 G	20 / 16 (M30X1,5/M26X1,5)	N15007
140	915005016000	CONE SEALING 18		2	PC	12 G	18	MBN15005
150	915001016004	NUT 16 M26X1.5 BL.GEOELT		2	PC	40,900 G	16 M 26 X 1,5	N15001
170	000931012215	BOLT HEX		23	PC	141 G	M 12 X150	DIN931
180	000931012106	BOLT HEX		8	PC	186 G	M 12 X200	DIN931
190	006796012100	CONICL SPRING WASHER		31	PC	12 G	12	DIN6796
210	700429033001	O-RING		2	PC	5,100 G	33 X 5	MMN429
230	5240100267	PLATE GUARD RIGHT		1	PC	511,700 G		
240	5240100367	PLATE GUARD LEFT		1	PC	629 G		
250	000933016003	BOLT HEX		8	PC	71 G	M 16 X 25	DIN933
260	000125017014	WASHER		8	PC	10 G	A 17	DIN125
270	X00021753	GUARD PLATE		2	PC			
280	304017008077	BOLT HEX A3C S2000/4000		8	PC	10 G	M 8 X 16	ISO4017
290	5240140515	SCREEN FLYWHL HSG RT	BR 4000	1	PC	113 G		
300	304017008076	HEX BOLT		1	PC	9,200 G	M 8 X 12	ISO4017
310	304017008081	HEX BOLT		2	PC	13,500 G	M 8 X 25	ISO4017
320	5511530050	SPACER BUSHING		2	PC	13,310 G	Ø18/Ø10 × 10	
340	700429020003	O-RING		2	PC	2,120 G	20 X 4	MMN429



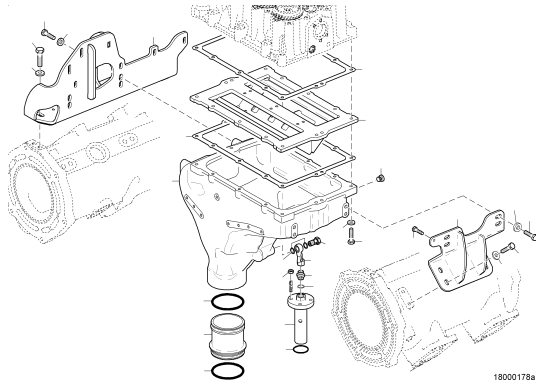
01600178a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	X00021780	FLYWHEEL HOUSING		1	PC			
100	5240332730	CRANKSHAFT BEARING DRIVING END (KS)		1	PC	2,220 KG		
200	5240100467	SCREEN FLYWHEEL BOTTOM	4000	1	PC	124 G		
250	304017008076	HEX BOLT		2	PC	9,200 G	M 8 X 12	ISO4017
300	304017008081	HEX BOLT		1	PC	13,500 G	M 8 X 25	ISO4017
350	5511530050	SPACER BUSHING		1	PC	13,310 G	Ø18/Ø10 × 10	
450	5240140615	SCREEN FLYWHL HSG LT	BR 4000	1	PC	104 G		
500	304017008076	HEX BOLT		1	PC	9,200 G	M 8 X 12	ISO4017
550	304017008081	HEX BOLT		2	PC	13,500 G	M 8 X 25	ISO4017
600	5511530050	SPACER BUSHING		2	PC	13,310 G	Ø18/Ø10 × 10	
700	X59303100024	THRUST WASHER		1	PC			
800	000931010105	BOLT HEX		16	PC	44,250 G	M 10 X 60	DIN931
850	200433010500	WASHER		16	PC	1,900 G	10,5	DIN433

GROUP NUMBER (FG)

GROUP NAME

BOM-No.



CRANKCASE BREATHER FOR 16V
XS595010.00066

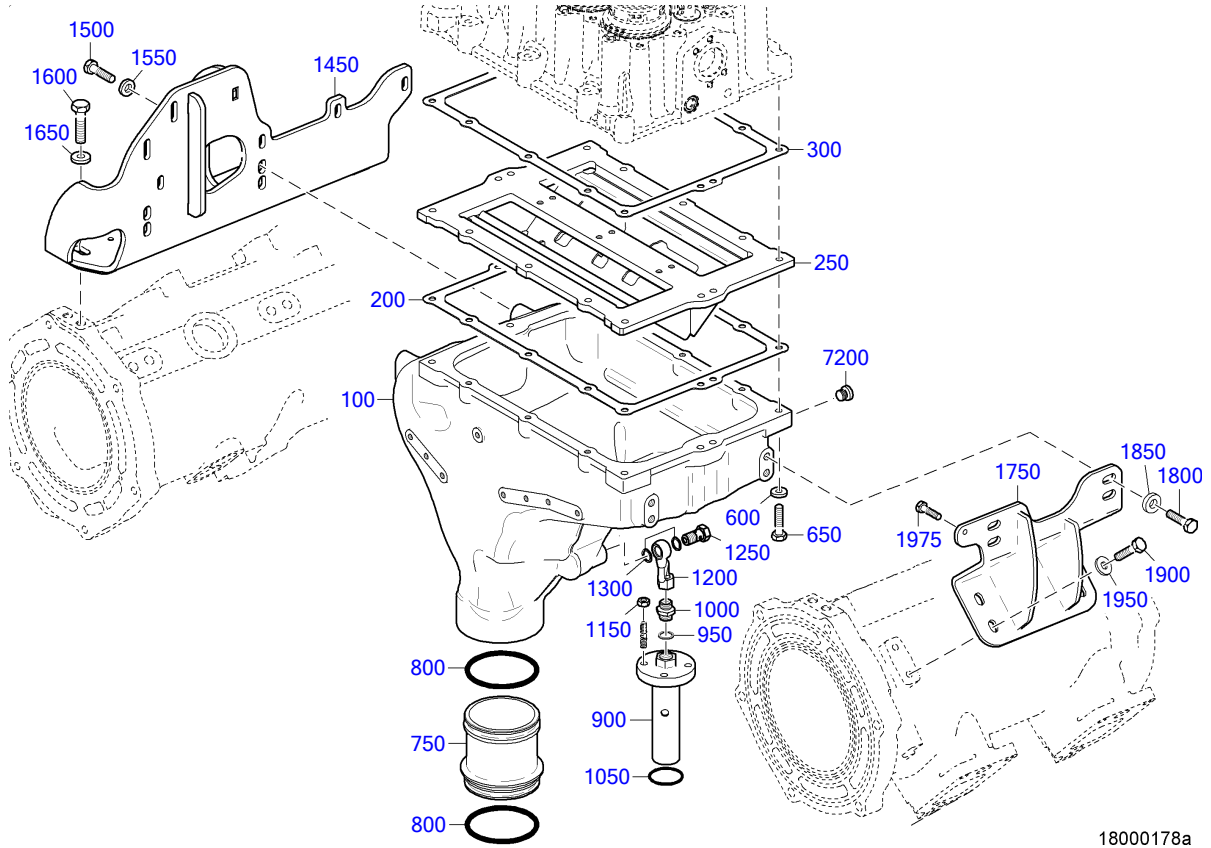
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CRANKCASE BREATHER FOR 16V

SERIAL NUMBER: 527110243

FG/FGS: 018 00

BOM-No.: XS595010.00066



18000178a

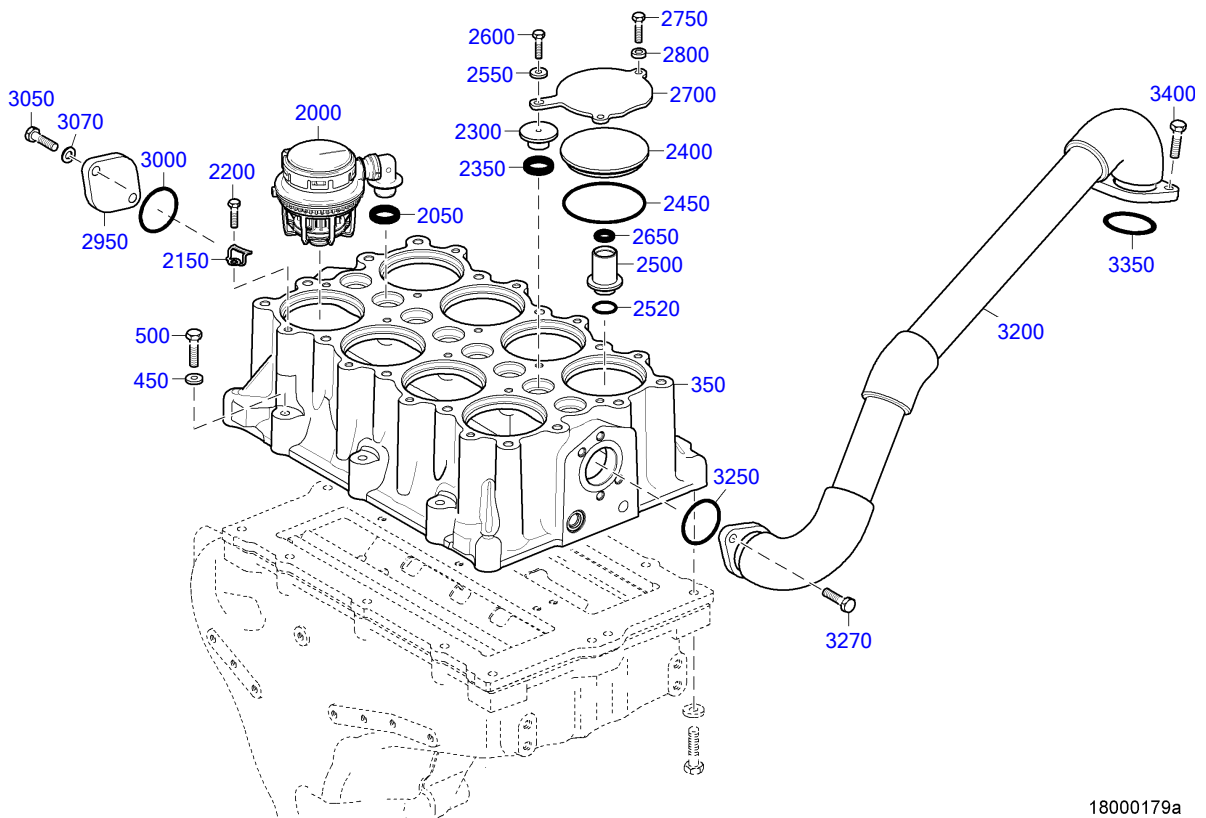
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CRANKCASE BREATHER FOR 16V

SERIAL NUMBER: 527110243

FG/FGS: 018 00

BOM-No.: XS595010.00066



18000179a

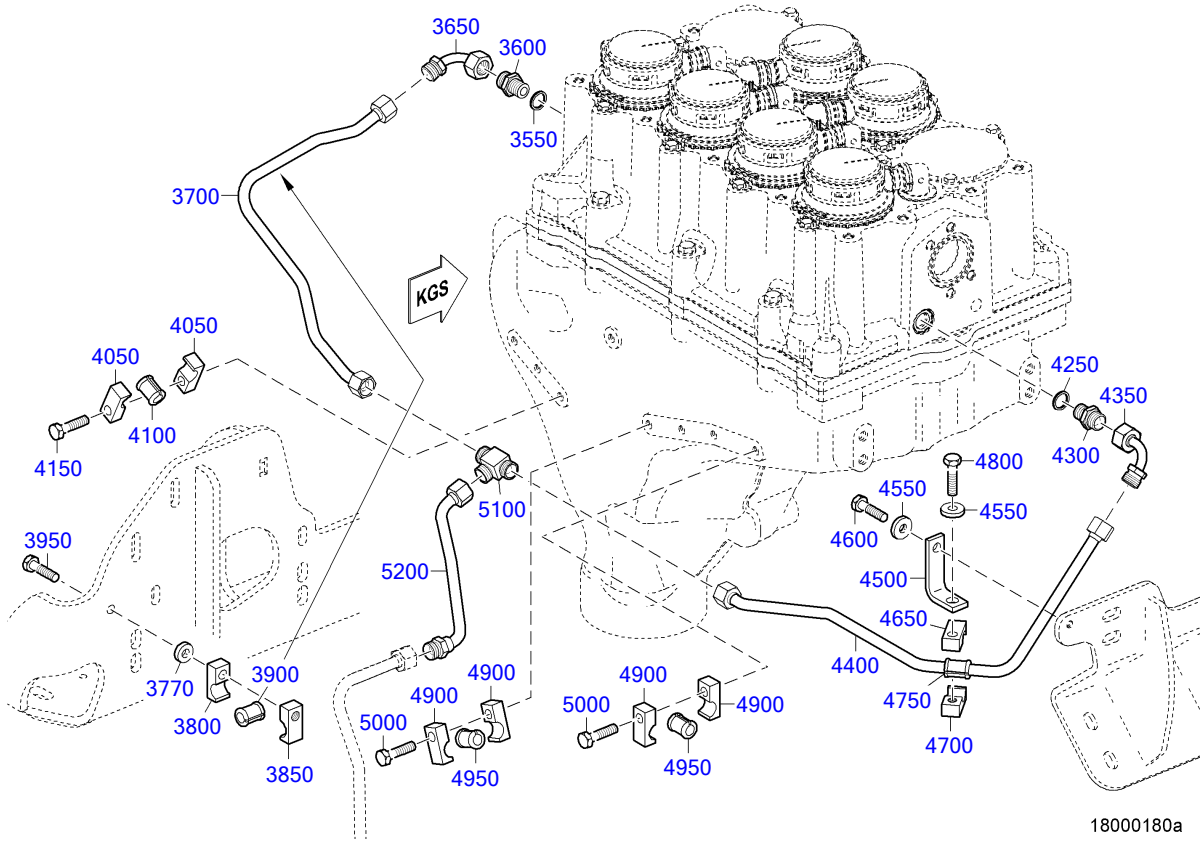
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CRANKCASE BREATHER FOR 16V

SERIAL NUMBER: 527110243

FG/FGS: 018 00

BOM-No.: XS595010.00066



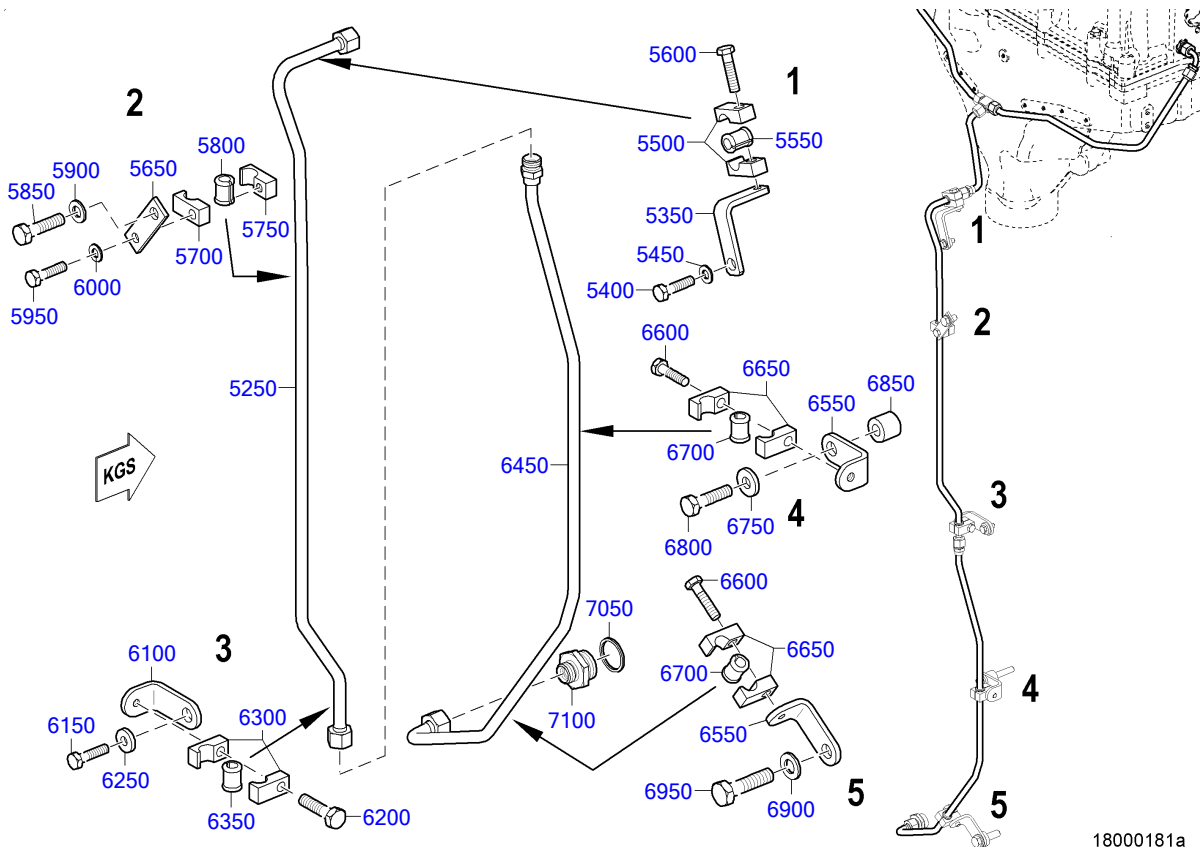
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CRANKCASE BREATHER FOR 16V

SERIAL NUMBER: 527110243

FG/FGS: 018 00

BOM-No.: XS595010.00066



POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
100	X59401800012	VENT HOUSING		1	PC	30 KG	EM		
200	X52701800027	GASKET		1	PC	52 G			
250	X52701800028	OIL PRESEPARATOR		1	PC	7,800 KG	EM		
300	X52701800027	GASKET		1	PC	52 G			
350	X59301800037	IMPAKTOR CARRIER		1	PC	10,340 KG	EM		
450	000125008427	WASHER		6	PC	1,500 G		A 8,4	DIN125
500	204017008032	HEX SCREW		6	PC	25,900 G		M 8 X 65	ISO4017
600	000125008427	WASHER		8	PC	1,500 G		A 8,4	DIN125
650	304017008087	BOLT HEX		8	PC	4,263 G		M 8 X 50	ISO4017
750	X52701800025	PLUG-IN PIPE		1	PC	860 G			
800	700429085002	O-RING		2	PC	17,640 G		85 X 6	MMN429
900	X00036071	DRAIN PIPE		1	PC	706 G	SB EM		
950	007603016105	COPPER SEALING RING		1	PC			A 16 X 20	DIN7603
1000	915006008002	UNION		1	PC	29,700 G		8	N15006
1050	700429040000	O-RING		1	PC	2,350 G		40 X 3	MMN429
1150	304032008014	NUT HEX 8 A3C		4	PC	4,800 G		M 8	ISO4032
1200	X52701800037	OIL LINE		1	PC	87 G	SB		
1250	700223006000	BOLT BANJO A8 S2000/4000		1	PC	38,800 G		A 8	MMN223
1300	007603014102	COPPER SEALING RING		2	PC	1 G		A 14 X 18	DIN7603
1450	X59501800070	RETAINER F/CRANKCASE VENTILA		1	PC	10 KG			
1500	000000001464	BOLT HEX A3C		4	PC	25 G		M 10 X 30	ISO4017
1550	735151010100	SPACER		4	PC	11 G		A 10,5	MTN5151
1600	204017012009	HEX SCREW		2	PC	45 G	MN	M 12 X 40	ISO4017
1650	007349013002	WASHER		2	PC	22,600 G	MN	13	DIN7349
1750	X59501800025	RETAINER F.CRANKC.VENT.LEFT		1	PC	3,140 KG			
1800	000000003021	HEX SCREW		4	PC	23,700 G		M 10 X 25	ISO4017
1850	735151010100	SPACER		4	PC	11 G		A 10,5	MTN5151
1900	000000003021	HEX SCREW		4	PC	23,700 G		M 10 X 25	ISO4017
1950	007349010002	WASHER		4	PC	11 G		10,5	DIN7349
2000	X54701800063	OIL SEPARATOR		6	PC	180 G	EM		
2050	700429020004	O-RING		6	PC	5,100 G		20 X 6	MMN429
2150	XP57518300057	RETAINER		12	PC	3 G			
2175	000125006431	WASHER		10	PC	0,900 G		A 6,4	DIN125
2200	000933006207	BOLT HEX		12	PC	5,100 G		M 6 X 14	DIN933
2300	X57518300050	PLUG		2	PC	52 G			
2350	XP57518300057	RETAINER		4	PC	3 G			
2375	000125006431	WASHER		4	PC	0,900 G		A 6,4	DIN125
2400	000933006207	BOLT HEX		4	PC	5,100 G		M 6 X 14	DIN933
2500	X54799100074	PLUG		2	PC	30 G			
2950	X59499100174	FLANGE		1	PC				
3000	700429043000	O-RING		1	PC	2,340 G		43 X 3	MMN429
3050	304017008081	HEX BOLT		2	PC	13,500 G		M 8 X 25	ISO4017
3070	000125008427	WASHER		2	PC	1,500 G		A 8,4	DIN125
3200	X59501800092	VENT LINE F/CRANKCASE VENTILA		1	PC	853 G	EM		
3250	700429043000	O-RING		1	PC	2,340 G		43 X 3	MMN429
3270	304017008081	HEX BOLT		2	PC	13,500 G		M 8 X 25	ISO4017
3350	700429043000	O-RING		1	PC	2,340 G		43 X 3	MMN429
3400	304017008081	HEX BOLT		2	PC	13,500 G		M 8 X 25	ISO4017
3550	007603014102	COPPER SEALING RING		1	PC	1 G		A 14 X 18	DIN7603
3600	735070008000	ADAPTER		1	PC	26,600 G		10	MTN5070
3650	700160000008	ELBOW		1	PC	67 G		KR 8	MMN160
3700	X59501800075	OIL LINE		1	PC	131 G	SB		
3770	735151008200	SPACER		1	PC	13 G		B 8,4	MTN5151
3800	700325015100	CLAMP HALF TUBE 1/1 D9-15		1	PC	34,030 G		1/1 D 9 - 15	MMN325

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
3850	700325015200	CLAMP HALF TUBE 1/1 G8-15		1	PC	35 G		1/1 G 8 - 15	MMN325
3900	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
3925	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
3950	304017008087	BOLT HEX		1	PC	4,263 G		M 8 X 50	ISO4017
4050	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34,030 G		1/1 D 9 - 15	MMN325
4100	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
4150	304017008084	BOLT HEX A3C		1	PC	16,565 G		M 8 X 35	ISO4017
4250	007603014102	COPPER SEALING RING		1	PC	1 G		A 14 X 18	DIN7603
4300	735070008000	ADAPTER		1	PC	26,600 G		10	MTN5070
4350	700160000008	ELBOW		1	PC	67 G		KR 8	MMN160
4400	X59501800074	OIL LINE		1	PC	155 G	SB		
4500	5502030343	BRACKET		1	PC	52 G			
4550	007349008002	WASHER		2	PC	8,300 G		8,4	DIN7349
4600	304017008079	BOLT HEX		1	PC	12,370 G		M 8 X 20	ISO4017
4650	700325015100	CLAMP HALF TUBE 1/1 D9-15		1	PC	34,030 G		1/1 D 9 - 15	MMN325
4700	700325015200	CLAMP HALF TUBE 1/1 G8-15		1	PC	35 G		1/1 G 8 - 15	MMN325
4750	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
4775	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
4800	304017008084	BOLT HEX A3C		1	PC	16,565 G		M 8 X 35	ISO4017
4900	700325015100	CLAMP HALF TUBE 1/1 D9-15		4	PC	34,030 G		1/1 D 9 - 15	MMN325
4950	700327010000	GROMMET		2	PC	3,650 G		10	MMN327
5000	304017008084	BOLT HEX A3C		2	PC	16,565 G		M 8 X 35	ISO4017
5100	5569970674	FITTING TEE		1	PC	62 G		DN 8 / M16X1,5	
5200	X59518400002	OIL LINE		1	PC	100 G	SB		
5250	X52701800034	OIL LINE		1	PC		SB		
5350	5801530840	BRACKET		1	PC	67 G			
5400	304017008077	BOLT HEX A3C S2000/4000		1	PC	10 G		M 8 X 16	ISO4017
5450	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125
5500	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34,030 G		1/1 D 9 - 15	MMN325
5550	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
5600	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
5650	5500784541	BRACKET FLAT H:06		1	PC	35 G			
5700	700325015100	CLAMP HALF TUBE 1/1 D9-15		1	PC	34,030 G		1/1 D 9 - 15	MMN325
5750	700325015200	CLAMP HALF TUBE 1/1 G8-15		1	PC	35 G		1/1 G 8 - 15	MMN325
5800	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
5850	000000003020	BOLT HEX A3C		1	PC	20,010 G		M 10 X 20	ISO4017
5900	000125010524	WASHER		1	PC	3,100 G		A 10,5	DIN125
5950	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
6000	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125
6100	5315461043	BRACKET L H:52	8V2000M90	1	PC	81,090 G			
6150	304017008079	BOLT HEX		1	PC	12,370 G		M 8 X 20	ISO4017
6200	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
6250	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
6300	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34,030 G		1/1 D 9 - 15	MMN325
6350	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
6450	X59301800035	OIL LINE		1	PC	0,245 KG	SB		
6550	5315461043	BRACKET L H:52	8V2000M90	1	PC	81,090 G			
6600	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
6650	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34,030 G		1/1 D 9 - 15	MMN325
6700	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
6750	007349010002	WASHER		1	PC	11 G		10,5	DIN7349
6800	304017010039	BOLT HEX		1	PC	44 G		M 10 X 70	ISO4017
6850	X59699100034	SPACER SLEEVE		1	PC	42 G			
6860	5240940253	SPACER SLEEVE	4000	1	PC			9MM X 20MM L=25	

EQUI TYPE: Engine

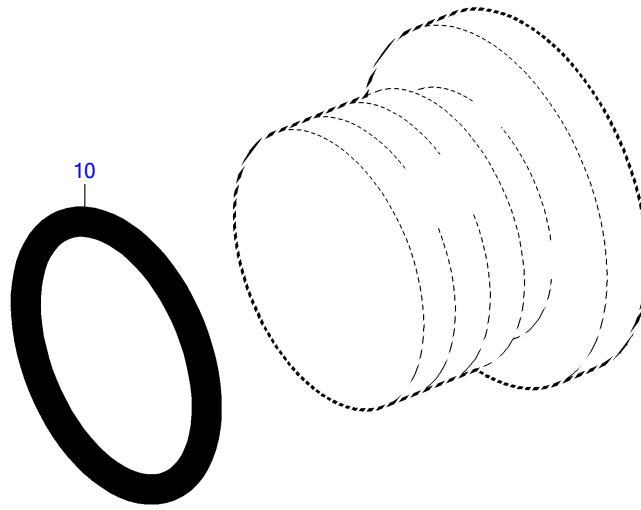
PRODUCT TYPE: 16V4000M23S
CRANKCASE BREATHER FOR 16V

SERIAL NUMBER: 527110243

FG/FGS: 018 00

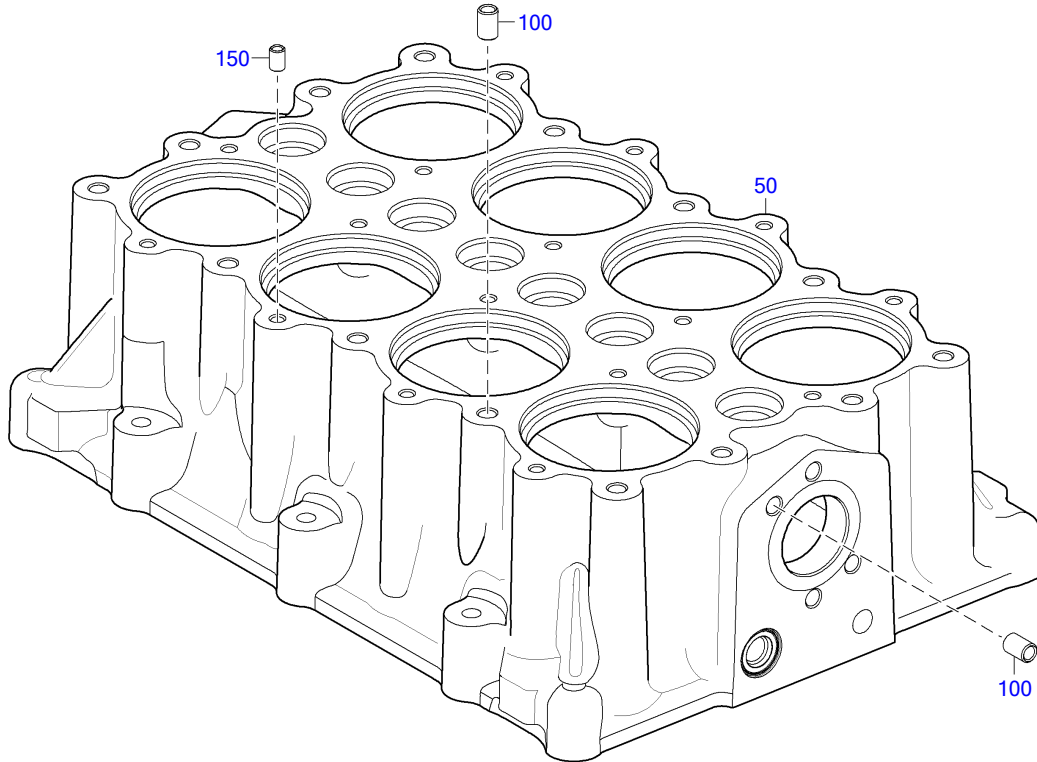
BOM-No.: XS595010.00066

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
6870	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
6875	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34,030 G		1/1 D 9 - 15	MMN325
6880	000000001463	BOLT HEX A3C		1	PC	31,400 G		M 8 X 80	ISO4017
6960	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
6970	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34,030 G		1/1 D 9 - 15	MMN325
6980	304017008084	BOLT HEX A3C		1	PC	16,565 G		M 8 X 35	ISO4017
7050	007603026104	COPPER SEALING RING		1	PC	3,100 G		A 26 X 31	DIN7603
7100	915007016000	CONNECTOR 16/10		1	PC	64 G		16 / 10 (M26X1,5/M18X1,5)	N15007
7200	735210014000	THREAD PLUG		1	PC	19,100 KG		M 14 X 1,5	MTN5210
7300	700429043000	O-RING		1	PC	2,340 G		43 X 3	MMN429
7350	X59499100174	FLANGE		1	PC				
7400	000125008427	WASHER		2	PC	1,500 G		A 8,4	DIN125
7450	304017008081	HEX BOLT		2	PC	13,500 G		M 8 X 25	ISO4017



E0005821a0

POS.	PART NO.	DESIGNATION	QTY.	UNITS	MEASUREMENT	STANDARD
10	735221011000	O-RING	1	PC	11,3 X 2,2 - M14X1,5	MTN5221



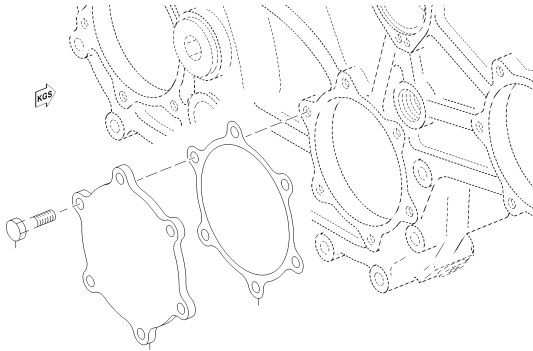
01801070

POS.	PART NO.	DESIGNATION	QTY.	UNITS	FN
50	X59301800036	IMPAKTOR CARRIER	1	PC	EM

GROUP NUMBER (FG)

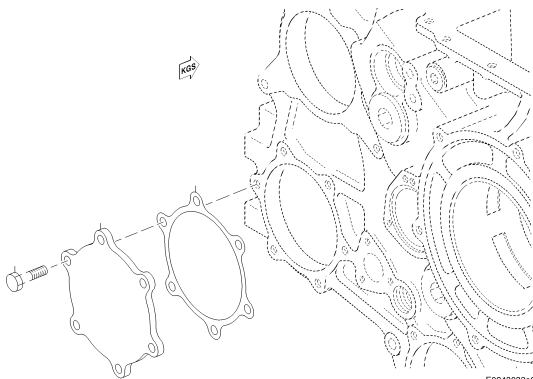
GROUP NAME

BOM-No.



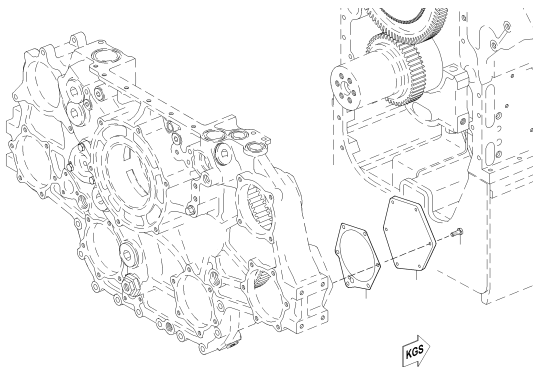
COVER
020.00004

E0243034a0



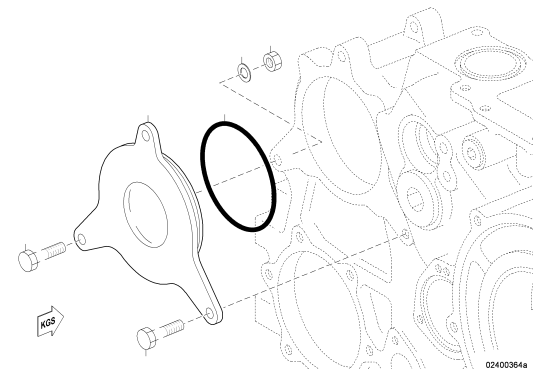
COVER FOR HYDRAULIC PUMP
020.00005

E0243033a0



COVER FOR DDC COMPRESSOR
020.00060

0240012a

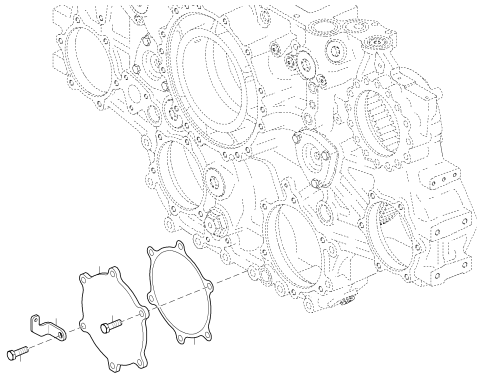


COVER RAW WATER PUMP DELT
020.00094

02400364a

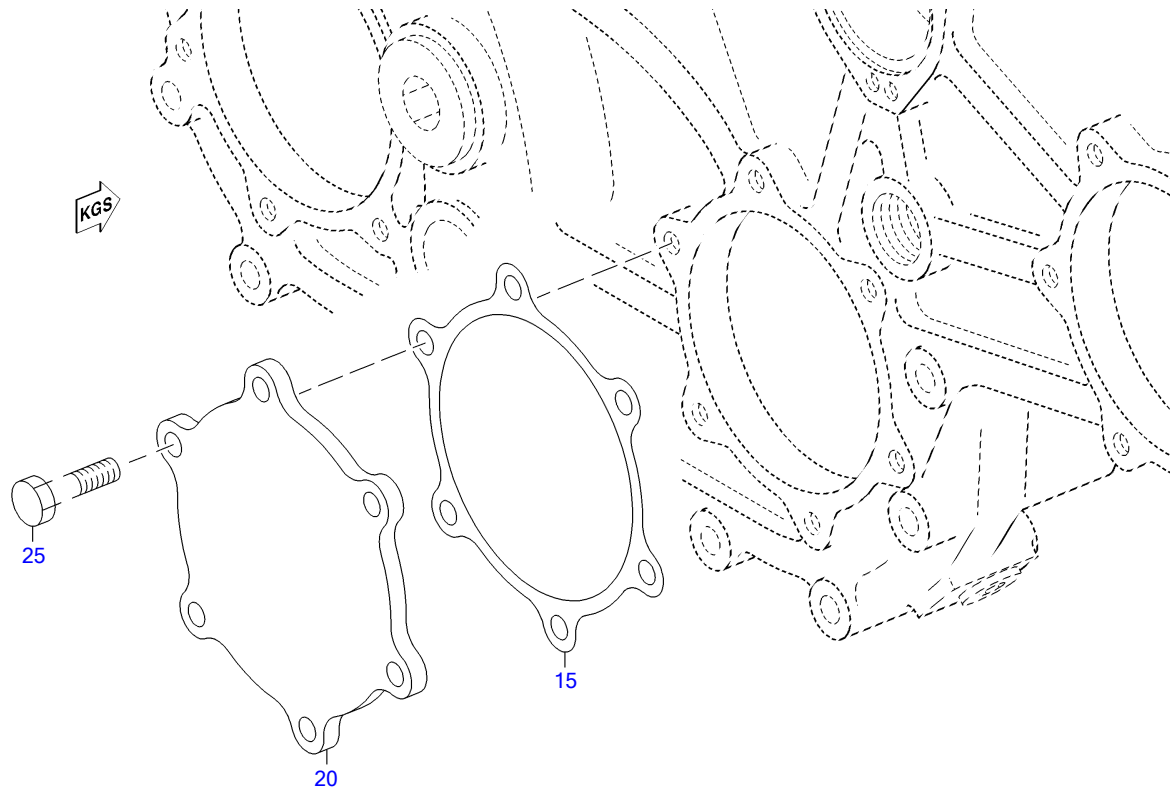
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XS593020.00010

GROUP NUMBER (FG)
GROUP NAME
BOM-No.



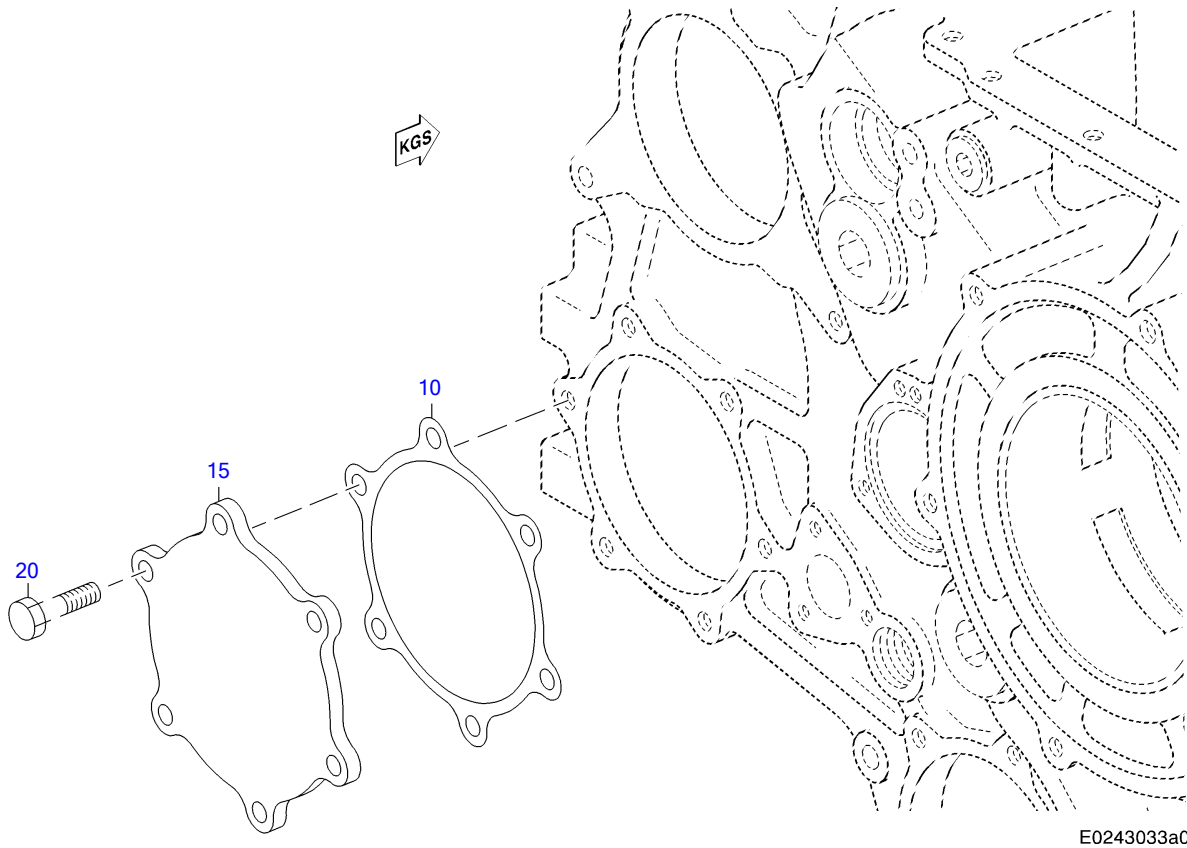
COVER
XS593020.00011

02400439



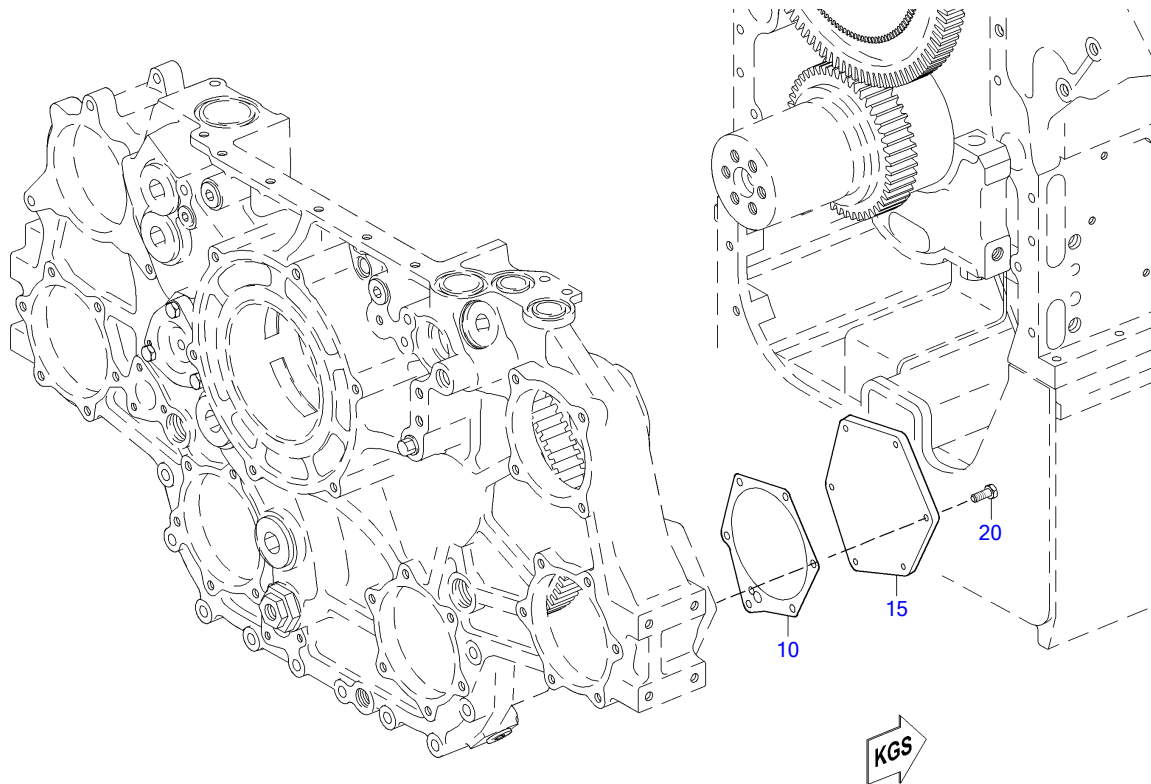
E0243034a0

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
15	5241880080	GASKET	1	PC		1X250X250	
20	5241880102	COVER	1	PC	1,788 KG		
25	00000003925	BOLT A3C	6	PC		M 12 X 30	ISO4017



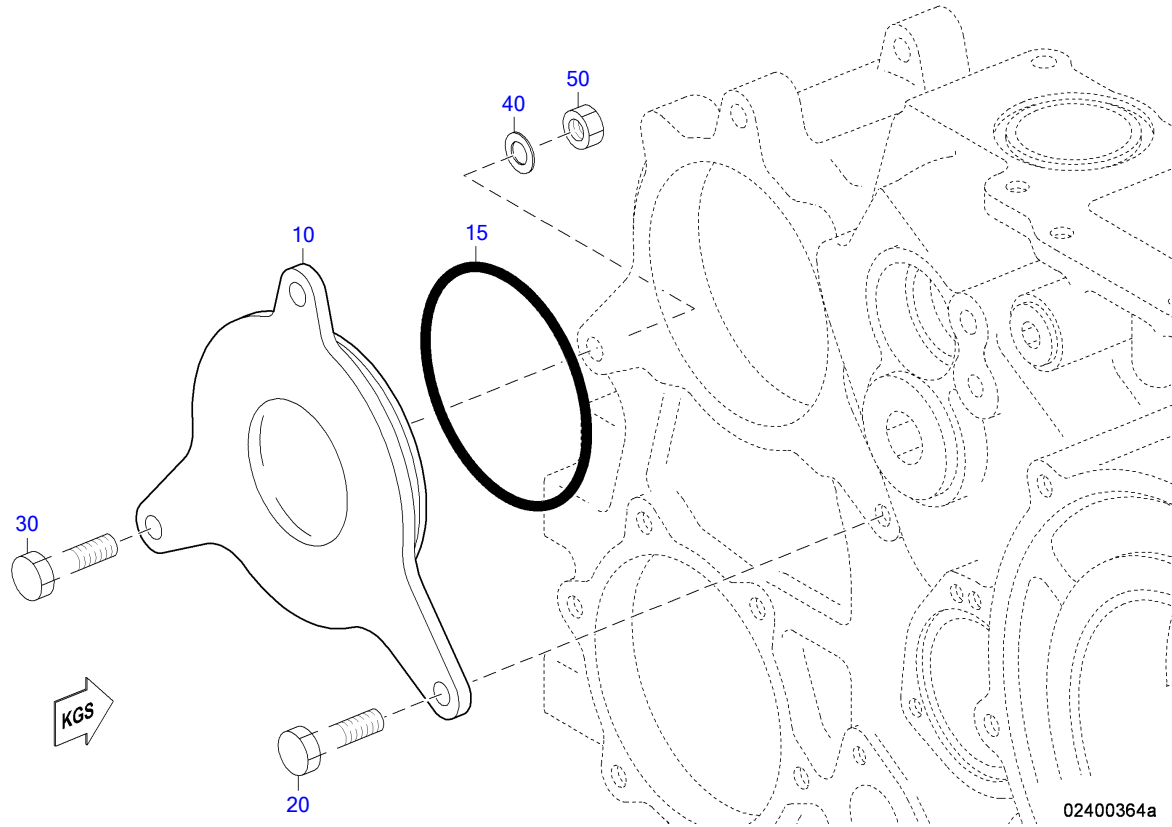
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POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	5241880080	GASKET	1	PC		1X250X250	
15	5241880102	COVER	1	PC	1,788 KG		
20	00000003925	BOLT A3C	6	PC		M 12 X 30	ISO4017



02400112a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	5360520080	GASKET	1	PC			
15	5241880502	COVER	1	PC			
20	00000003021	HEX SCREW	6	PC	23,700 G	M 10 X 25	ISO4017



POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	524SK0948	BEARING CAP	1	PC	3,965 KG			
15	700429135000	O-RING	1	PC	19,055 G		135 X 5	MMN429
20	000000003924	BOLT A3C	1	PC	32,400 G		M 12 X 25	ISO4017
30	000000003926	BOLT HEX A3C	2	PC	55,600 G		M 12 X 55	ISO4017
40	000125013012	WASHER	2	PC	5,320 G	MN	A 13	DIN125
50	000000004744	HEX NUT	2	PC	32 G		M 12	ISO4032

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
50	X59302400016/75	EQUIPMENT RACK PRIMED		1	PC				
70	000908018002	PLUG		1	PC	29,800 KG		M 18 X 1,5	DIN908
80	007603018101	COPPER SEALING RING		1	PC	1,300 G		A 18 X 22	DIN7603
100	5241880080	GASKET		1	PC			1X250X250	
120	5241880102	COVER		1	PC	1,788 KG			
130	000000003925	BOLT A3C		6	PC			M 12 X 30	ISO4017
170	700429083000	O-RING		2	PC			83 X 5	MMN429
180	200939012003	STUD		6	PC			M 12 X 30	DIN939
190	204014012008	HEX SCREW		2	PC	155 G		M 12 X170	ISO4014
200	200433013000	WASHER		6	PC			13	DIN433
210	204032012000	NUT HEX ZNPH R5F		6	PC			M 12	ISO4032
230	000000000904	BOLT HEX ZHPH R5F		2	PC	75 G		M 12 X 80	ISO4017
240	000908038000	THREAD PLUG		2	PC	150,800 KG		M 38 X 1,5	DIN908
250	007603038101	COPPER SEALING RING		2	PC	5,400 G		A 38 X 44	DIN7603
280	204017016000	BOLT ZNPH R5F HEX		2	PC	248.450 G		M 16 X160	ISO4017
300	007603014102	COPPER SEALING RING		4	PC	1 G		A 14 X 18	DIN7603
310	700223006000	BOLT BANJO A8 S2000/4000		2	PC	38,800 G		A 8	MMN223
320	5281800519	TUBE ASM OIL LINE	20V4000	1	PC	200 G	SB		
340	700325012100	CLAMP HALF TUBE 1/1 D9-12		2	PC	25 G		1/1 D 9 - 12	MMN325
350	700327008000	GROMMET		1	PC	2,300 G		8	MMN327
360	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017

EQUI TYPE: Engine

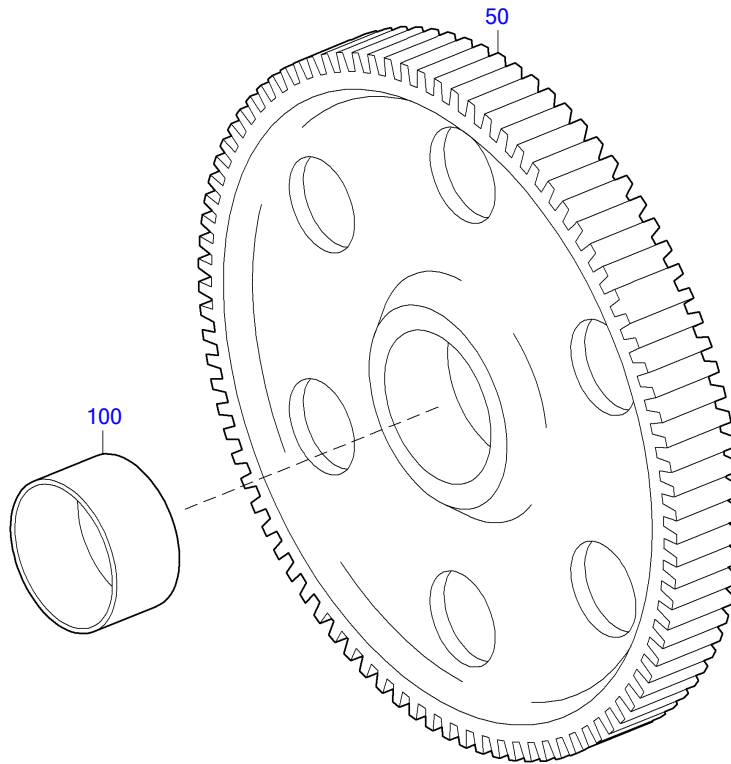
PRODUCT TYPE: 16V4000M23S
EQUIPMENT RACK PRIMED

SERIAL NUMBER: 527110243

FG/FGS:

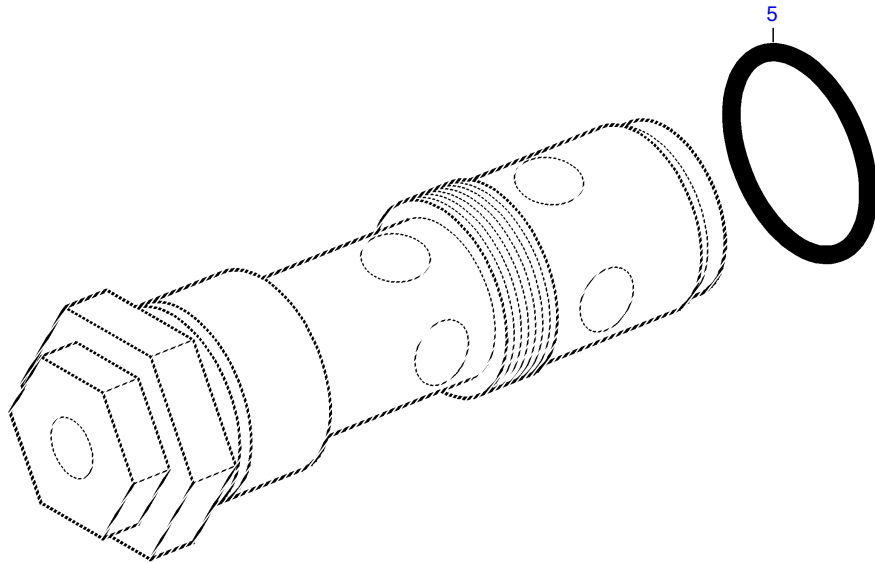
BOM-No.: X59302400016/75

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	X59302400011/75	EQUIPMENT RACK PRIMED	1	PC			
200	5240332630	CRANKSHAFT BEARING AUX PTO END	1	PC	2,500 KG		
250	X59305200001	IDLER GEAR	2	PC	19,300 KG		
300	X59302400005	AXLE	2	PC	4,694 KG		
350	700429024000	O-RING	2	PC	3,900 G	24 X 5	MMN429
400	700429083000	O-RING	2	PC		83 X 5	MMN429
450	304017010035	HEX BOLT	6	PC	32 G	M 10 X 45	ISO4017
500	5241800015	PRESSURE VALVE ASSY.	2	PC	392,900 G	2.5 BAR	
550	700429048000	O-RING	2	PC	4,650 G	48 X 4	MMN429
600	700429040000	O-RING	2	PC	2,350 G	40 X 3	MMN429
650	000472048000	RING SNAP	2	PC	5 G	48 X 1,75	DIN472
700	000908052003	THREAD PLUG	5	PC	308,500 KG	M 52 X 1,5	DIN908
750	007603052101	COPPER SEALING RING	5	PC	12,300 G	A 52 X 60	DIN7603
800	000908038000	THREAD PLUG	2	PC	150,800 KG	M 38 X 1,5	DIN908
850	007603038101	COPPER SEALING RING	2	PC	5,400 G	A 38 X 44	DIN7603
900	000908026005	THREAD PLUG	4	PC	69,900 KG	M 26 X 1,5	DIN908
950	007603026104	COPPER SEALING RING	4	PC	3,100 G	A 26 X 31	DIN7603
1000	735210014000	THREAD PLUG	3	PC	19,100 KG	M 14 X 1,5	MTN5210
1050	0001800015	PRESSURE REDUCING VALVE ASSY.	1	PC			
1100	000908014001	THREAD PLUG	1	PC	16,100 KG	M 14 X 1,5	DIN908
1150	007603014102	COPPER SEALING RING	1	PC	1 G	A 14 X 18	DIN7603



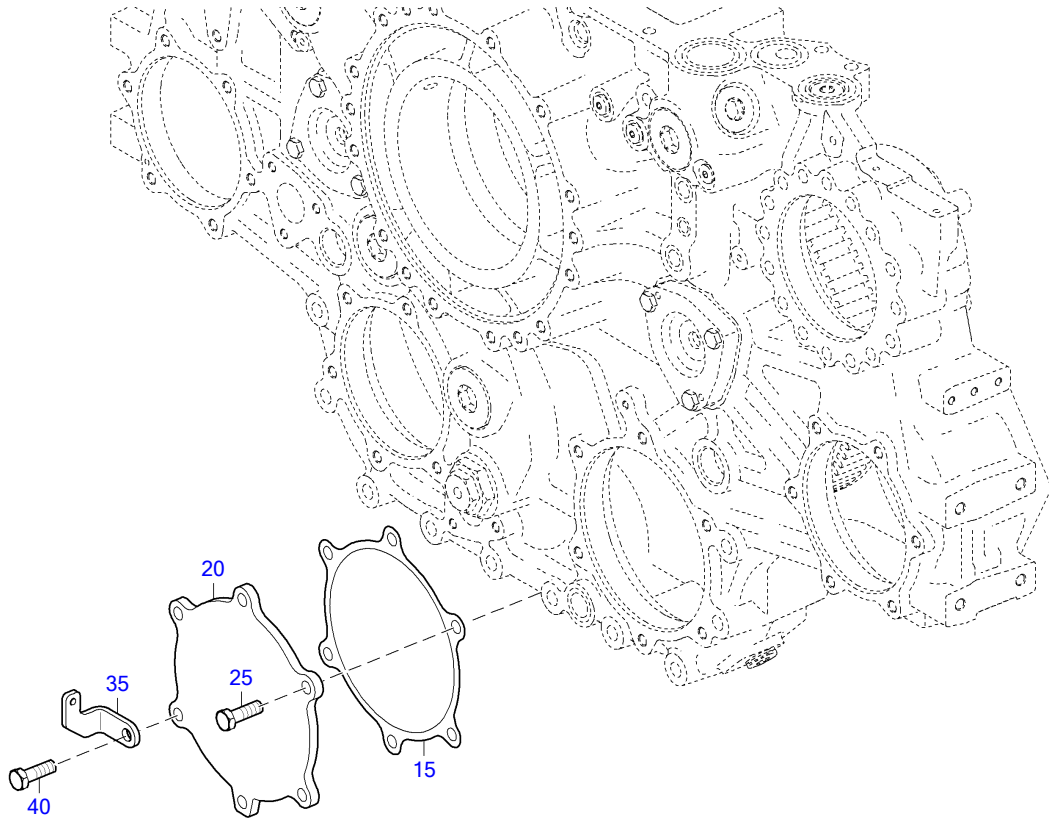
02400351b

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
50	X59305200003	IDLER GEAR	1	PC	
100	X59305200002	BUSHING	1	PC	266 G



024K0009a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
5	700429037000	O-RING	1	PC	3,380 G	37,7 X 3,53	MMN429

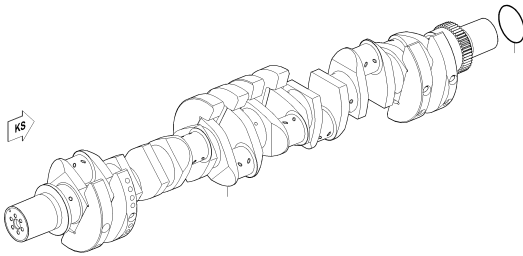


02400439

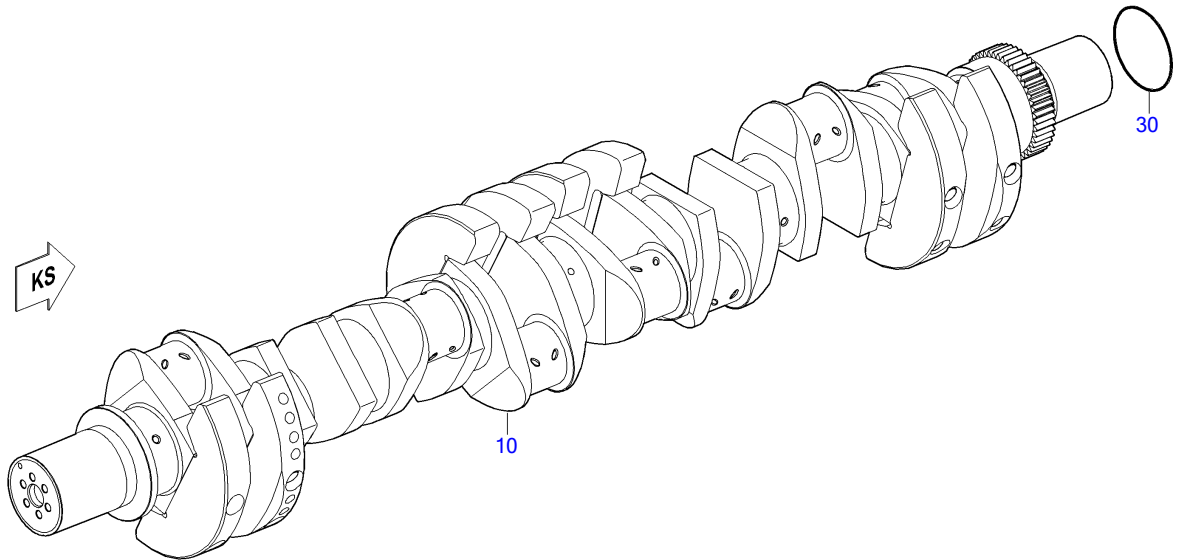
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
15	5281880080	GASKET		1	PC	12,360 G		
20	5281880102	COVER	20V4000	1	PC	3,025 KG		
25	00000003925	BOLT A3C		5	PC		M 12 X 30	ISO4017
35	X59399100108	RETAINER		1	PC	103 G		
40	00000003381	BOLT HEX A3C		1	PC	41 G	M 12 X 35	ISO4017

GROUP NUMBER (FG)
GROUP NAME
BOM-No.

CRANKSHAFT DNV ACCEPTANCE
XS527030.00024

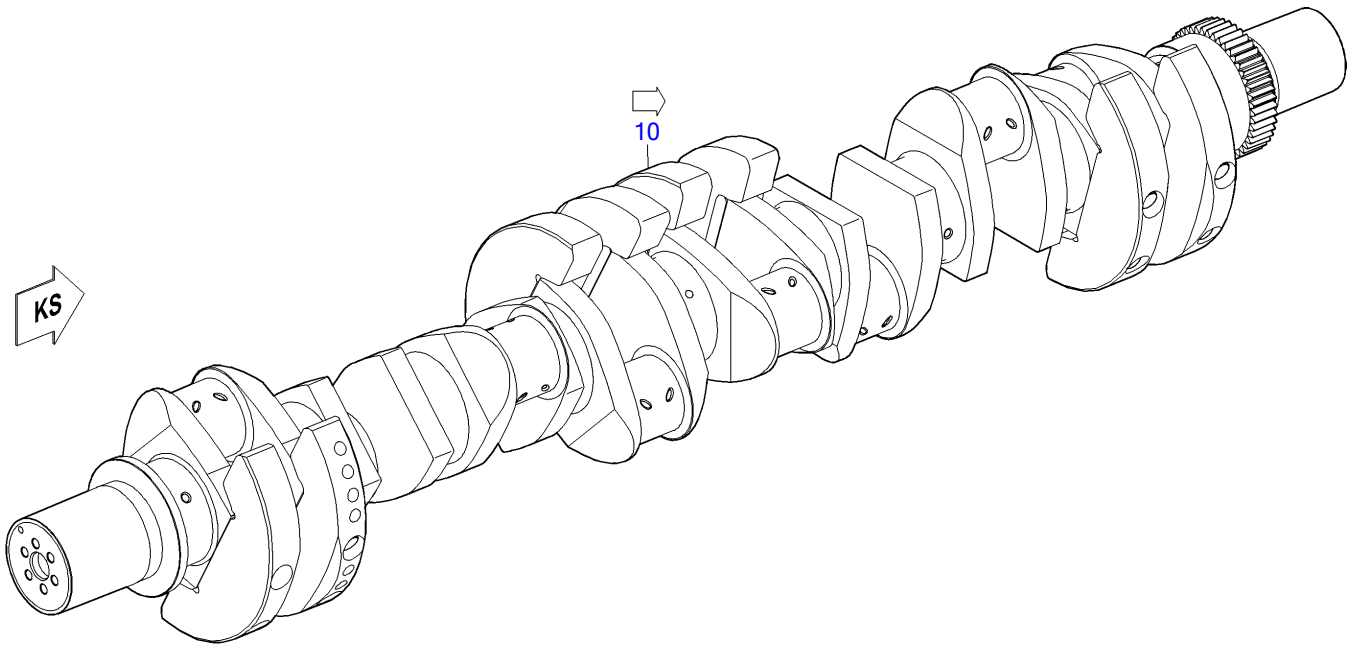


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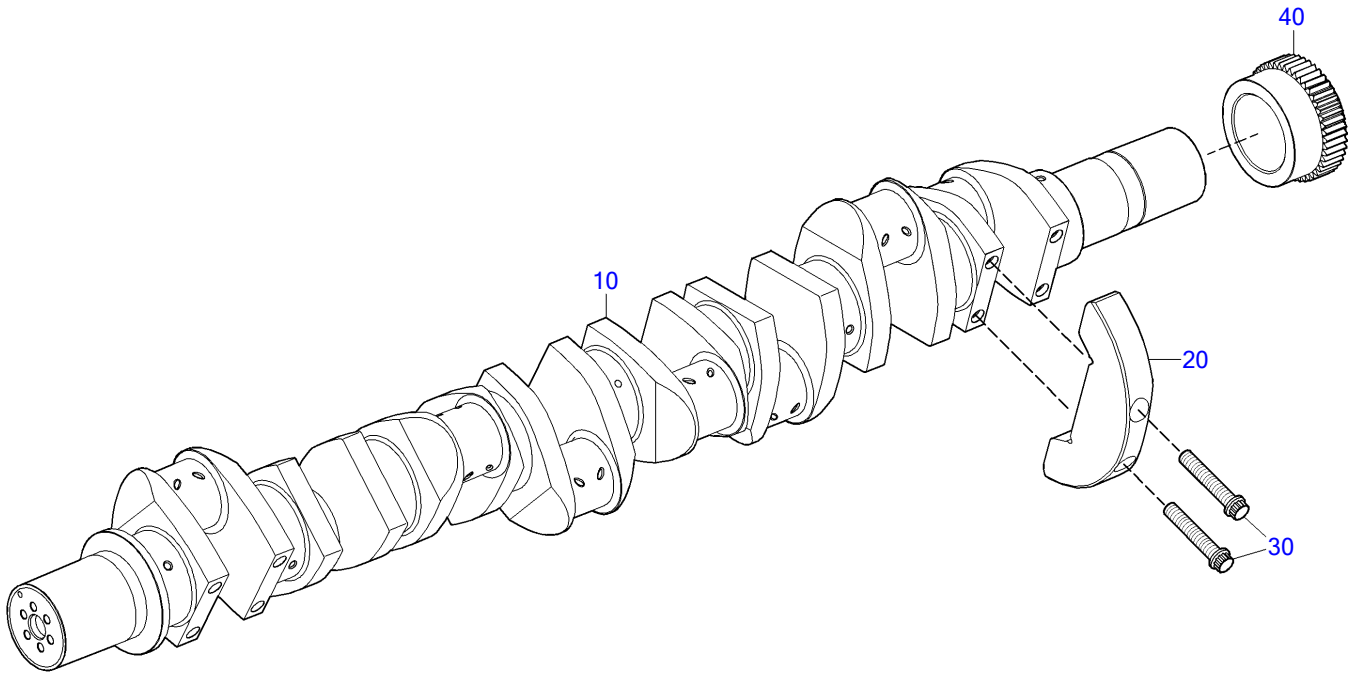
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POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	X52703100001/33	CRANKSHAFT DNV ACCEPTANCE	16V4000-03 LH	1	PC		EM		
30	700429150000	O-RING		1	PC	13,800 G		150 X 4	MMN429



03100395c

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	FN
10	X52703100001	CRANKSHAFT	16V4000-03 LH	1	PC	EM



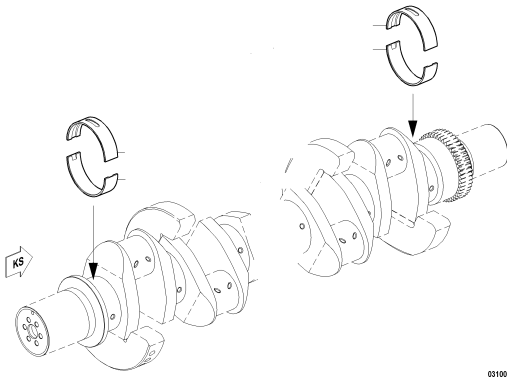
03100396c

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	STANDARD
10	X52703100002	CRANKSHAFT	16V4000-03 LH	1	PC		EM	
20	5240310507	COUNTERWEIGHT		8	PC	16,500 KG		
30	5240310171	BOLT 12 PT HD		16	PC	557 G		
40	5240520503	GEAR CRANKSHAFT		1	PC	12,100 KG	EM	MMN396.2

GROUP NUMBER (FG)

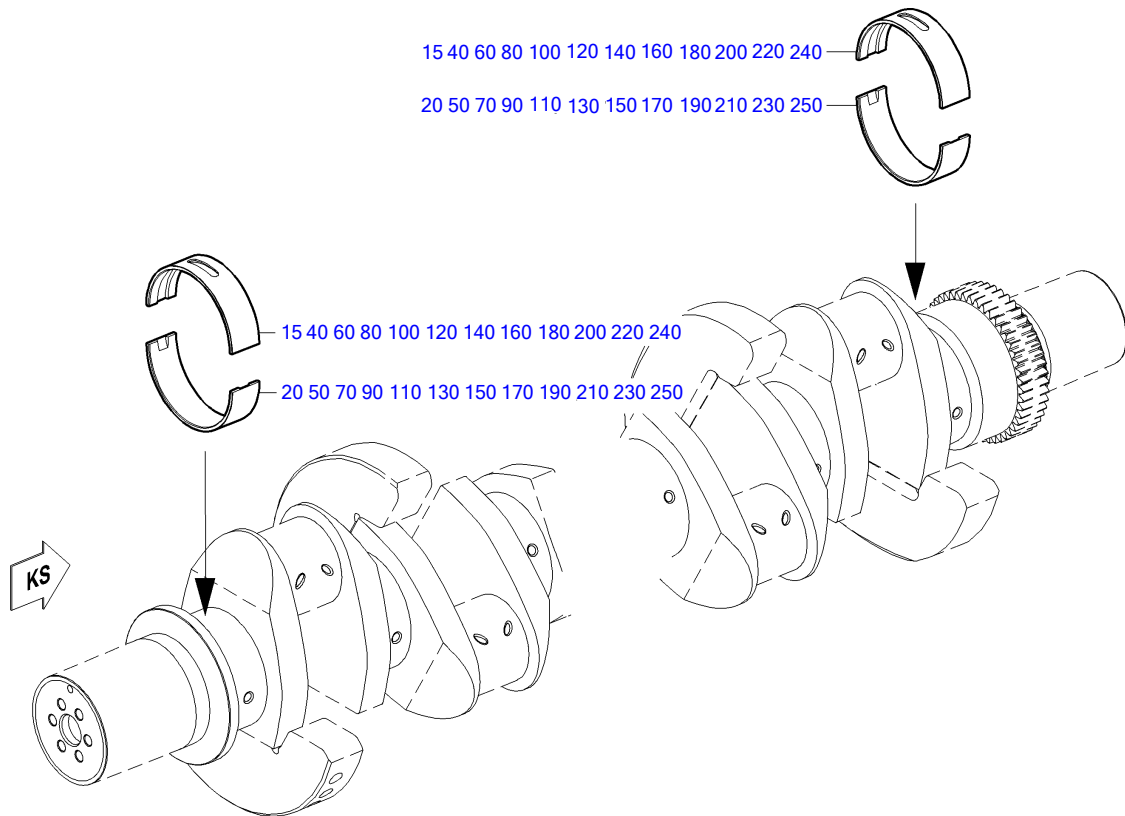
GROUP NAME

BOM-No.



MAIN BEARING
X00011303

0310030a



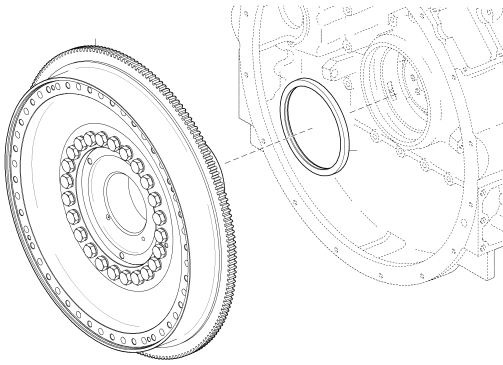
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POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN
15	5240336101	CRANKSHAFT BEARING UPPER HALF	9	PC	375 G	
20	5240336602	CRANKSHAFT BEARING LOWER HALF	9	PC	375 G	
40	5240336201	CRANKSHAFT BEARING SIZE 0-1	1	PC	44 G	M
50	5240336702	CRANKSHAFT BEARING SIZE 0-1	1	PC	600 G	M
60	5240336301	CRANKSHAFT BEARING SIZE 0-2	1	PC	477 G	M
70	5240336802	CRANKSHAFT BEARING SIZE 0-2	1	PC	627 G	M
80	5240336401	CRANKSHAFT BEARING SIZE 0-3	1	PC	482 G	M
90	5240336902	CRANKSHAFT BEARING SIZE 0-3	1	PC	647 G	M
100	5240336501	CRANKSHAFT BEARING SIZE 1-0	1	PC	450 G	M
110	5240337002	CRANKSHAFT BEARING SIZE 1-0	1	PC	54 G	M
120	5240336601	CRANKSHAFT BEARING SIZE 1-1	1	PC	457,500 G	M
130	5240337102	CRANKSHAFT BEARING SIZE 1-1	1	PC	620 G	M
140	5240336701	CRANKSHAFT BEARING SIZE 1-2	1	PC	480 G	M
150	5240337202	CRANKSHAFT BEARING SIZE 1-2	1	PC	1 KG	M
160	5240336801	CRANKSHAFT BEARING SIZE 1-3	1	PC	1 KG	M
170	5240337302	CRANKSHAFT BEARING SIZE 1-3	1	PC	720 G	M
180	5240336901	CRANKSHAFT BEARING SIZE 2-0	1	PC	470 G	M
190	5240337402	CRANKSHAFT BEARING SIZE 2-0	1	PC	620 G	M
200	5240337001	CRANKSHAFT BEARING SIZE 2-1	1	PC	470 G	M
210	5240337502	CRANKSHAFT BEARING SIZE 2-1	1	PC	640 G	M
220	5240337101	CRANKSHAFT BEARING SIZE 2-2	1	PC	580 G	M
230	5240337602	CRANKSHAFT BEARING SIZE 2-2	1	PC	675 G	M
240	5240337201	CRANKSHAFT BEARING SIZE 2-3	1	PC	840 G	M
250	5240337702	CRANKSHAFT BEARING SIZE 2-3	1	PC	685 G	M

GROUP NUMBER (FG)

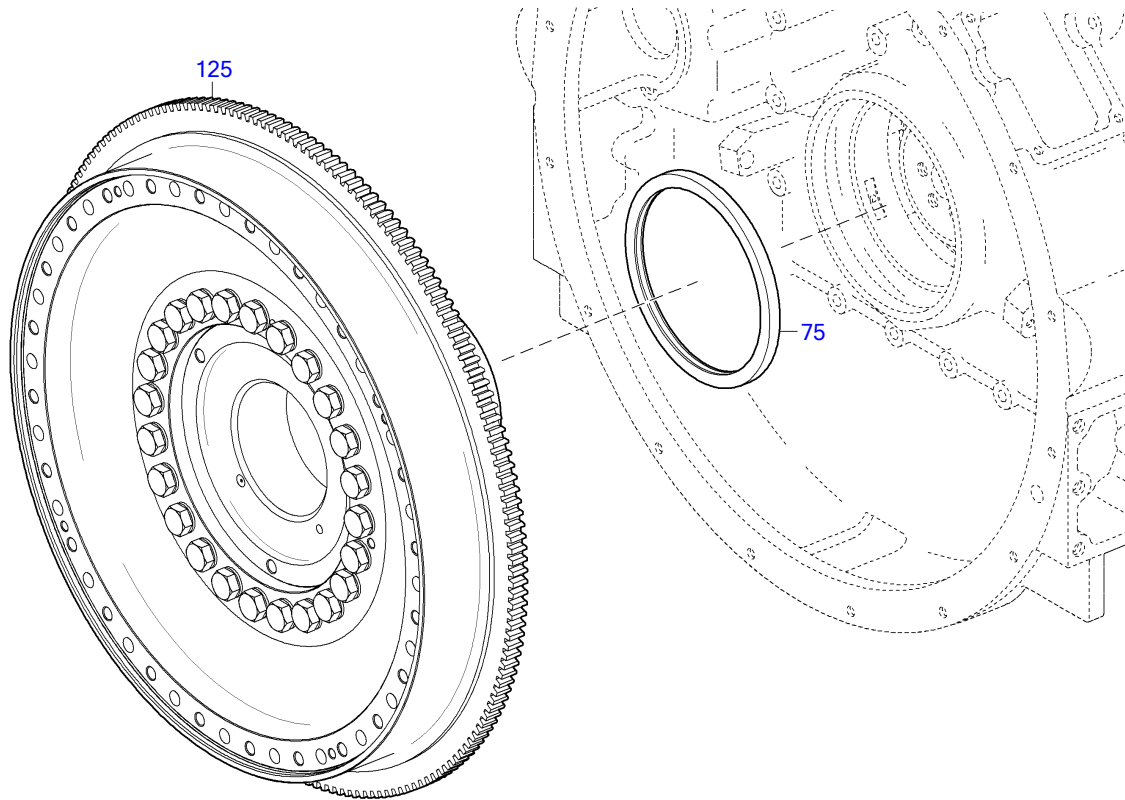
GROUP NAME

BOM-No.



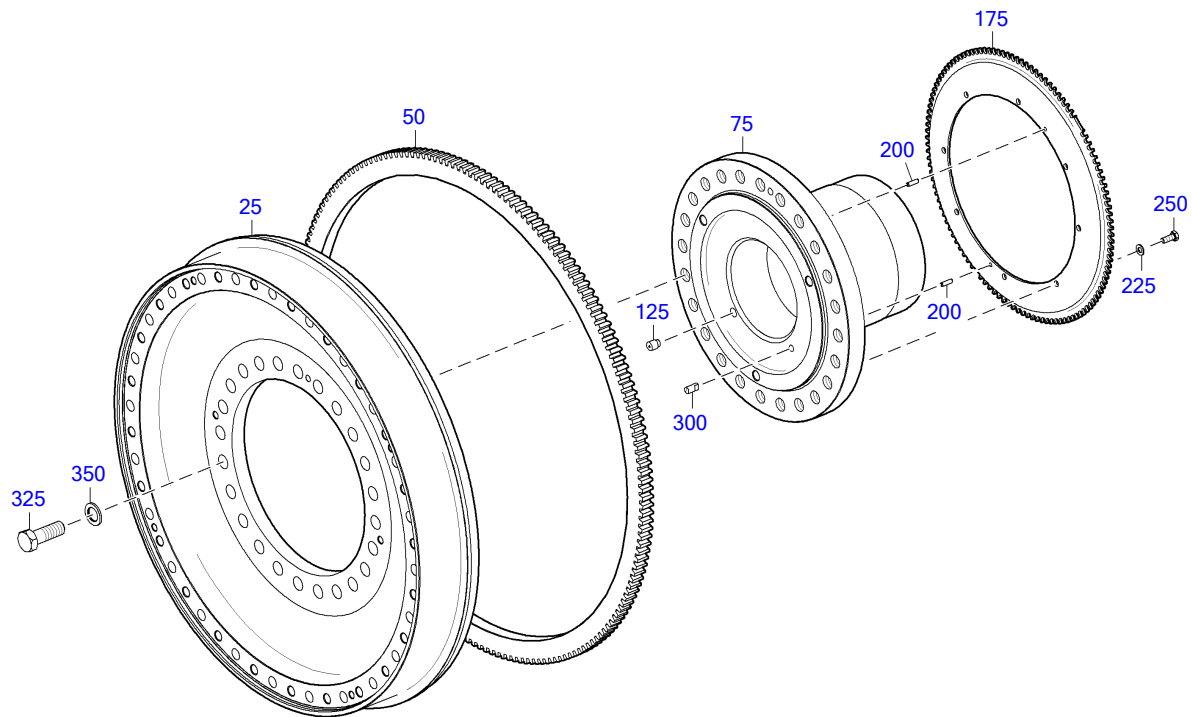
FLYWHEEL TWO-PIECE
XS594030.00069

03200252d



03200252d

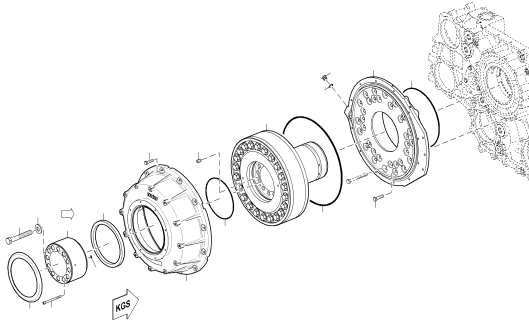
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT
75	0219976647	SEAL RING CRANKSHAFT REAR	PTEF-MANSCHETTE	1	PC		DM 210
125	X59403200003/42	FLYWHEEL W/ACCEPT CERTIFICAT		1	PC	154,200 KG	



03200397

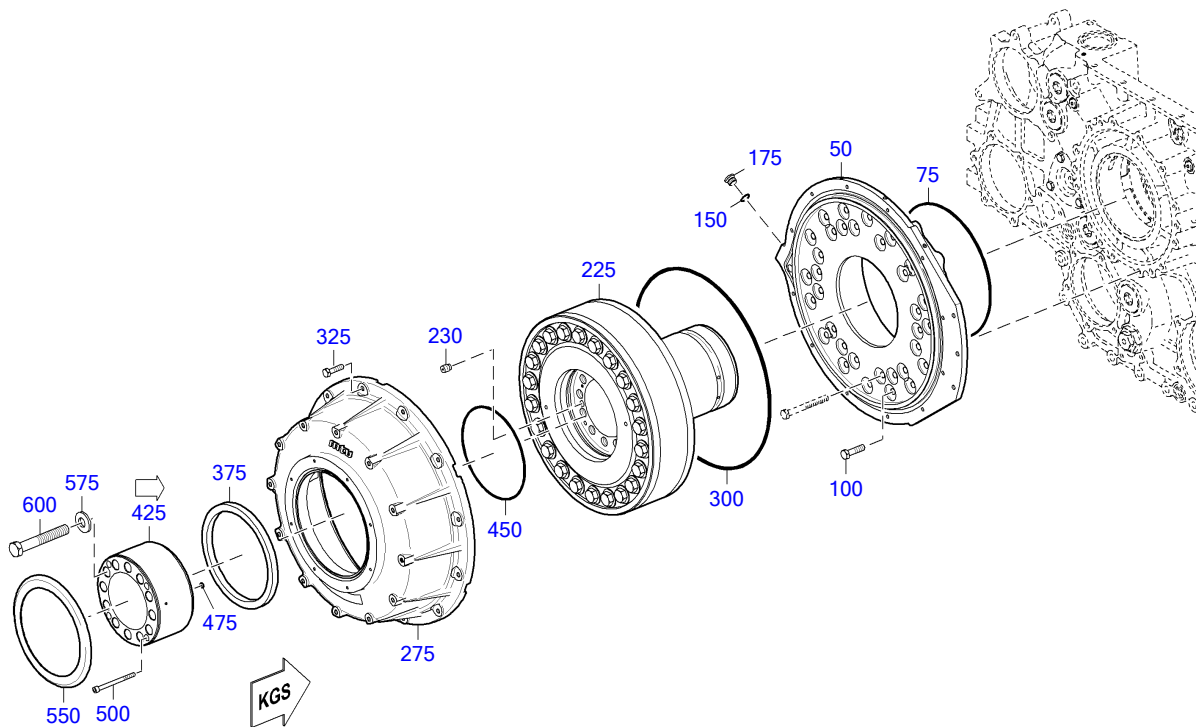
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
25	X00041899/41	FLYWHEEL W/ACCEPT CERTIFICAT	1	PC				
50	5240320705	RING GEAR	1	PC	12,550 KG			
75	X52603200006/42	PTO FLANGE W/ACCEPT CERTIFICAT	1	PC				
125	5769970219	PLUG HEX SOC HD G1/4 17.5 X 11 42CRM04	1	PC	12,100 G			
175	5240311148	WHEEL MDEC TRS METERING CRANKSHAFT	1	PC	2,220 KG	EM		
200	001481006004	PIN SPRING	2	PC	2,520 G		6 X 20 - N	ISO8752
225	000125008427	WASHER	8	PC	1,500 G		A 8,4	DIN125
250	304017008079	BOLT HEX	8	PC	12,370 G		M 8 X 20	ISO4017
300	8809970210	DOWEL PIN	1	PC	11,630 G			
325	000000003976	HEX SCREW	24	PC	185 G		M 20 X 55	ISO4017
350	200433021000	WASHER	24	PC	12,400 G		21	DIN433

GROUP NUMBER (FG)
GROUP NAME
BOM-No.



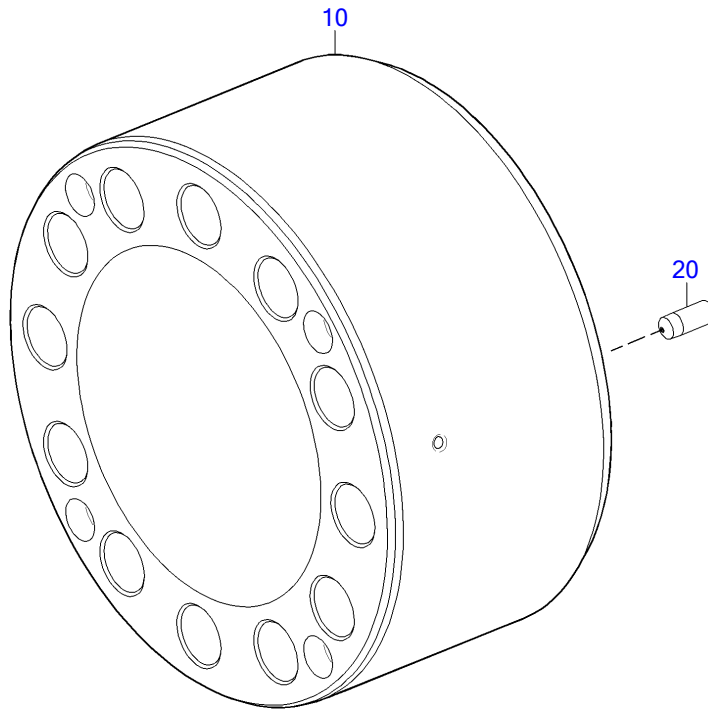
VIBRATION DAMPER
XS595030.00029

03500603



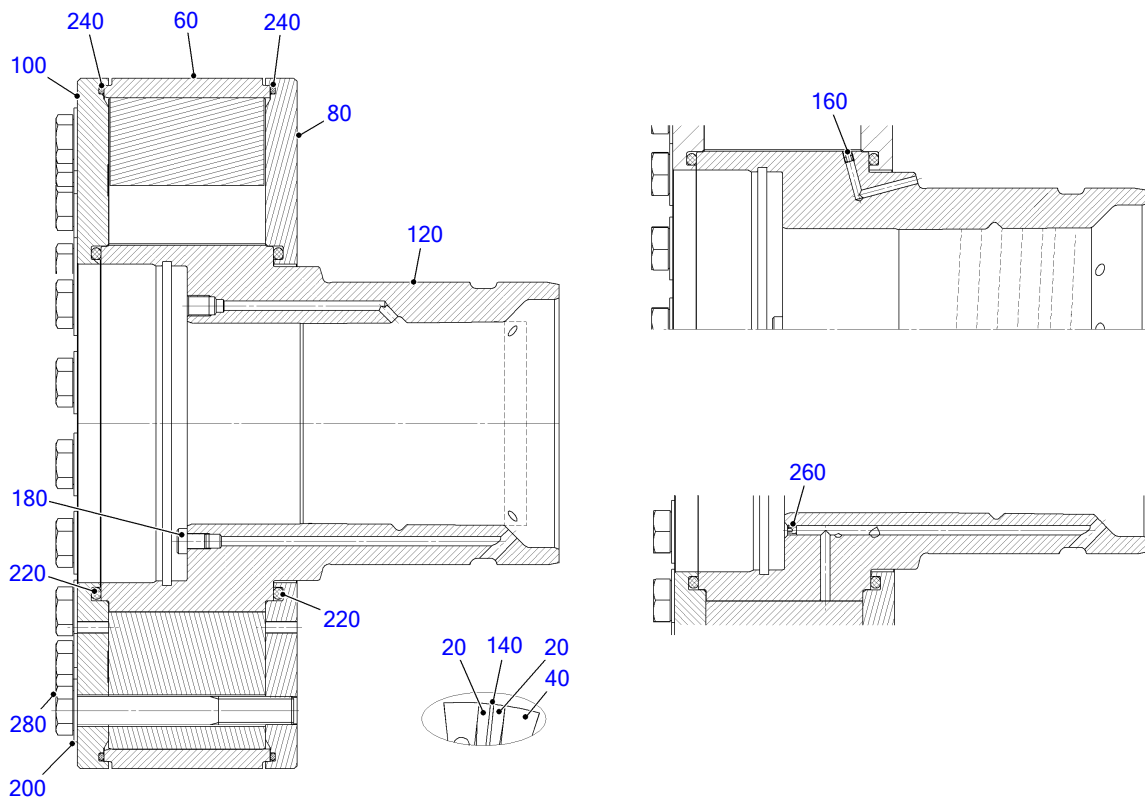
03500603

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	X59499100480	FLANGE F.VIB.DAMPER HOUSIN		1	PC	20,100 KG		
75	700429290000	O-RING		1	PC	26 G	290 X 4	MMN429
100	304017012018	BOLT HEX		6	PC	52 G	M 12 X 50	ISO4017
150	007603020103	WASHER A COP		1	PC	2,430 G	A 20 X 26	DIN7603
175	000908020000	PLUG		1	PC	39 KG	M 20 X 1,5	DIN908
225	X59403500006	VIBRATION DAMPER	D44/8/2	1	PC	148 KG		
227	EX59403500006	VIBRATION DAMPER		1	PC	148 KG		
230	5769970219	PLUG HEX SOC HD G1/4 17.5 X 11 42CRM04		1	PC	12,100 G		
275	X52703500001	DAMPER VIBRATION HSG G73		1	PC	36,780 KG		
300	700429480000	O-RING		1	PC	68 G	480 X 5	MMN429
325	304017008085	BOLT HEX		12	PC	18 G	M 8 X 40	ISO4017
375	0219976547	SEAL RING CRANKSHAFT FRONT AUX PTO	PTFE-MANSCHETTE	1	PC	289 G	DM200	
425	X52799100002	FLANGE FOR FREE END PTO		1	PC	14,720 KG		
450	700429200002	O-RING		1	PC	18,600 G	200 X 4	MMN429
475	700429008003	O-RING		1	PC	0,500 G	8 X 2,5	MMN429
500	200912008000	SCREW		4	PC	55 G	M 8 X130	DIN912
550	X52699100108	PLATE GUARD G73		1	PC	319 G		
575	206796020000	CONICL SPRING WASHER		3	PC	45 G	20	DIN6796
600	204017020013	HEX SCREW		3	PC	400,200 G	M 20 X160	ISO4017



03500302b

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
10	X52799100001	FLANGE FOR FREE END PTO	1	PC	
20	5280310023	NOZZLE OIL C23	1	PC	4,800 G



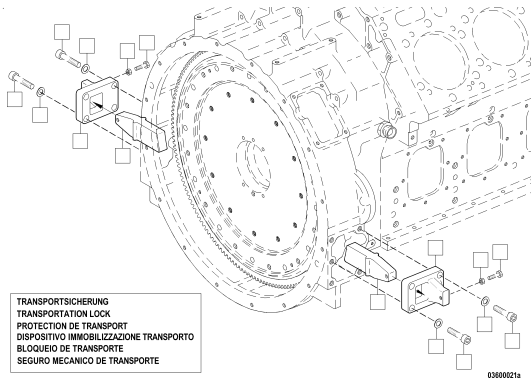
03500561

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
20	XP52725100089	SPRING LEAF	44	PC				
40	XP52725100090	INTERMEDIATE MEMBER	22	PC				
60	XP52725100091	CLAMPING RING	1	PC				
80	XP52825100033	FLANGE	1	PC		AC		
100	XP52725100092	SIDE PLATE	1	PC				
120	XP52725100093	INNER STAR	1	PC				
140	XP52725100094	SHIM	22	PC				
160	XP52725100095	OIL NOZZLE	4	PC			M6- D 3.0	
180	Z=VSTI M-ED	NIPPLE	1	PC		AC	M 10 X 1	
200	Z=40X19X2	DISC WASHER (VULKAN)	22	PC	14,700 G			
220	X00035257	O-RING	2	PC	5 G		7 X 208	
240	700429420000	O-RING	2	PC	37 G		420 X 4	MMN429
260	XP52203500025	PLUG	4	PC			DICHTSTOPFEN 6	
280	XP52725100096	HEX SCREW	22	PC			M 18 X 140	ENISO4014

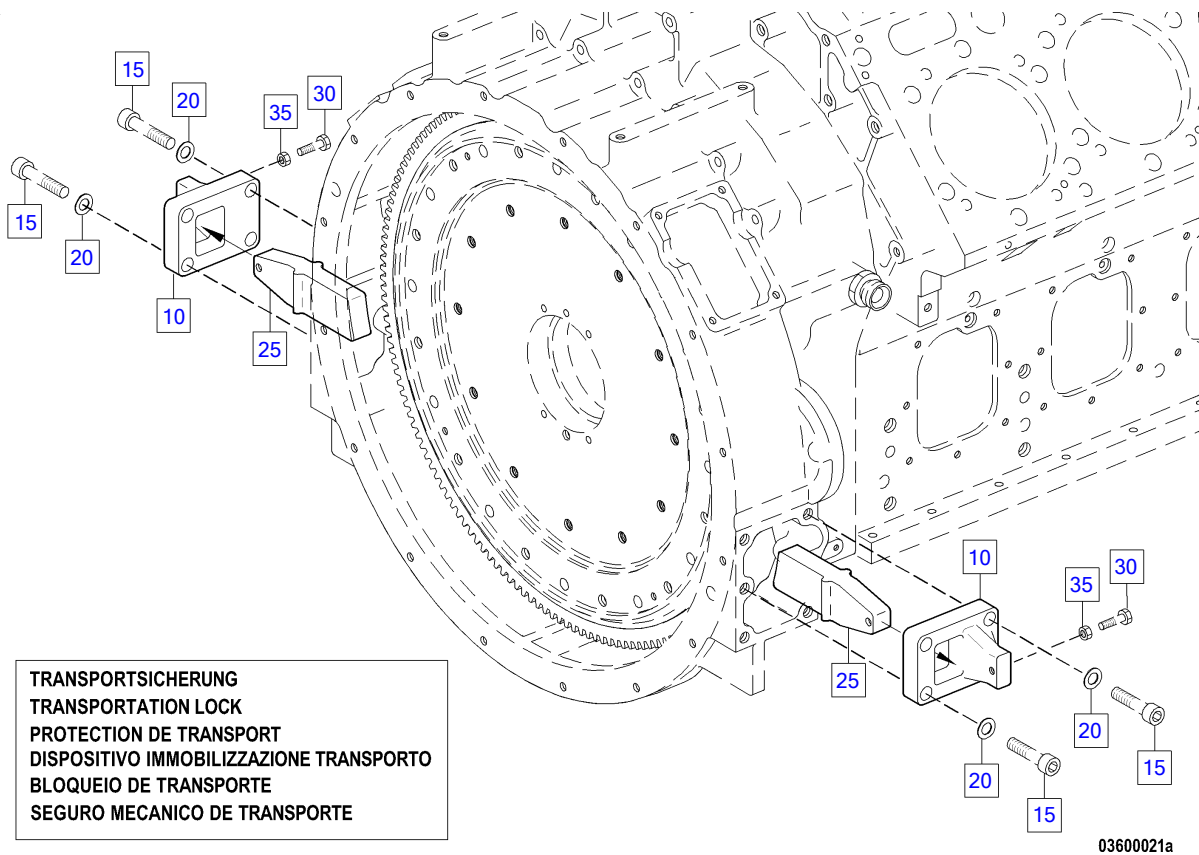
GROUP NUMBER (FG)

GROUP NAME

BOM-No.



TRANSPORTATION LOCK
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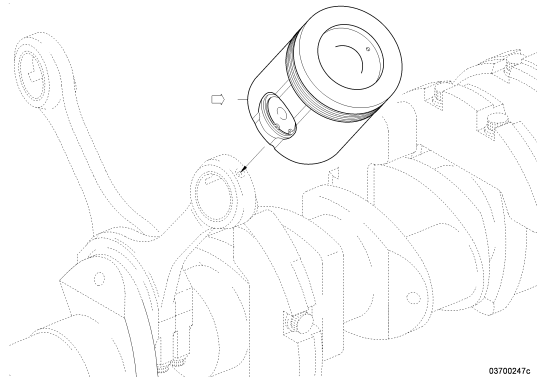


POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	5242370435	PLATE	8/12/16V4000	2	PC	3,258 KG		
15	000912016045	BOLT HEX SOC HD		8	PC	116 G	M 16 X 55	DIN912
20	000125017014	WASHER		8	PC	10 G	A 17	DIN125
25	5242370940	RETAINER	8/12/16V40000	2	PC	2,690 KG		
30	000933010144	BOLT HEX		2	PC	40,800 G	M 10 X 60	DIN933
35	000934010007	NUT HEX		2	PC	10,300 G	M 10	DIN934

GROUP NUMBER (FG)

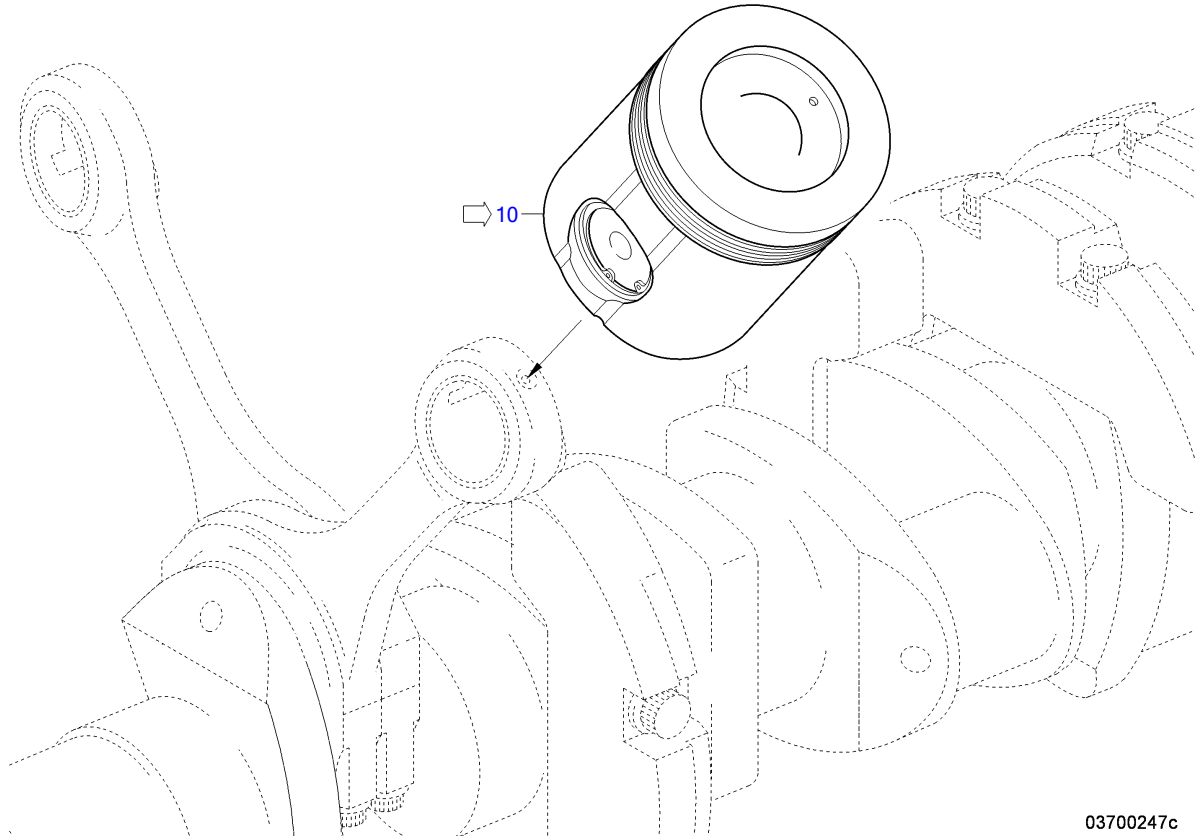
GROUP NAME

BOM-No.



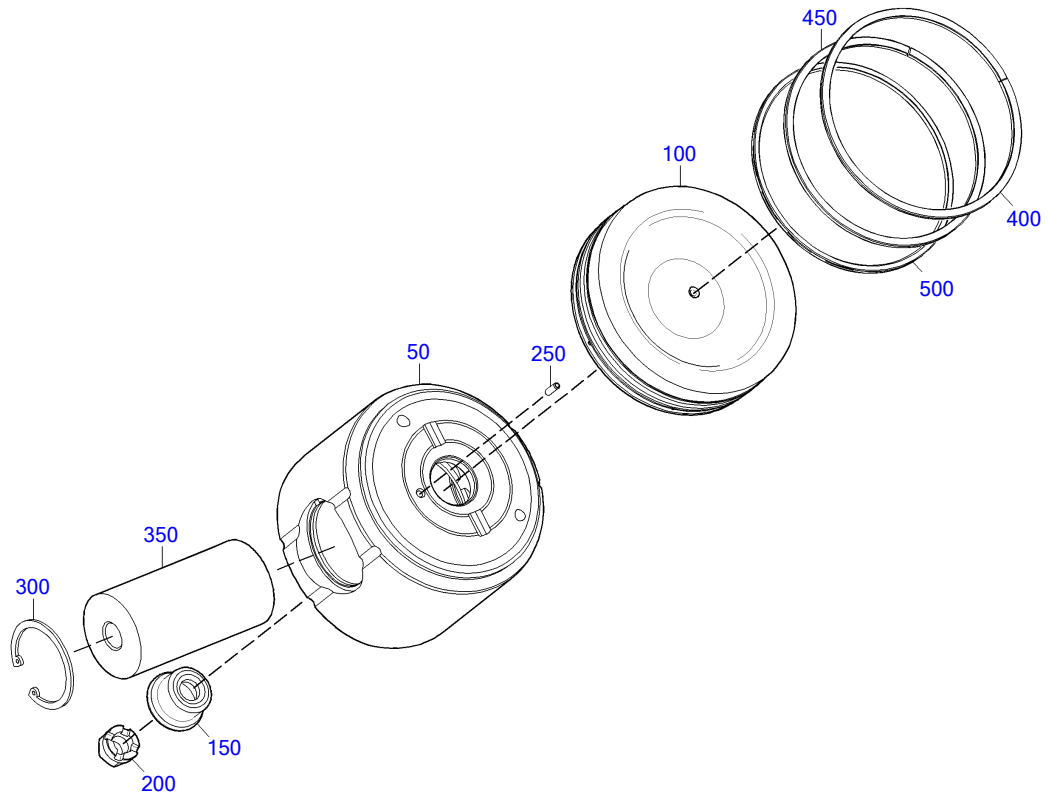
PISTON
XS527030.00036

03700247c



03700247c

PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	FN	MEASUREMENT
X59303700021	PISTON	BR4000-03	16	PC	EM	EPSILON 17,3



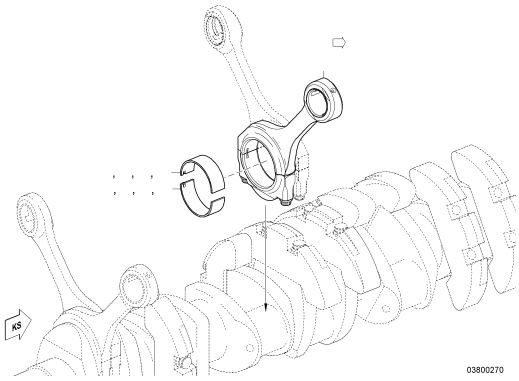
03700361b

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
50	X59403700018	PISTON SKIRT	ZU KOLBEN X59403700017	1	PC				
100	X59303700023	PISTON CROWN		1	PC		EM		
150	X00039430	EXPANSION SLEEVE		1	PC	87,800 G			
200	X00039431	PISTON NUT		1	PC	41 G			
250	001481005017	PIN SPRING		1	PC	1,400 G	5 X 16 - N		ISO8752
300	X52403700066	SNAP RING	KOLBEN	2	PC	2,180 G			DIN472
350	5240370120	PISTON PIN		1	PC	3,345 KG			
400	X00009806	RECTANGLR-SECT RING		1	PC	97 G	EM		
450	0090375019	TAPER FACE COMP RING		1	PC	93 G			
500	0120373618	OIL CONTROL RING		1	PC	58,080 G			

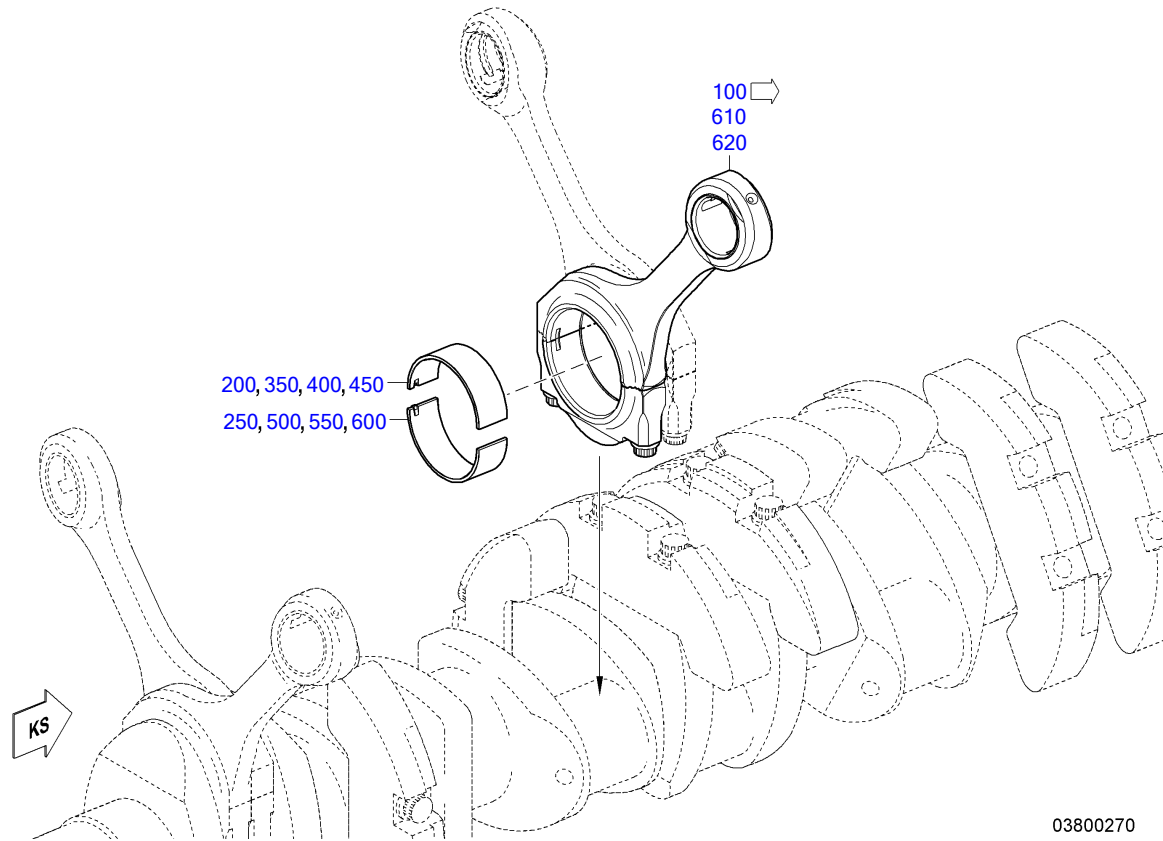
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GROUP NAME

BOM-No.

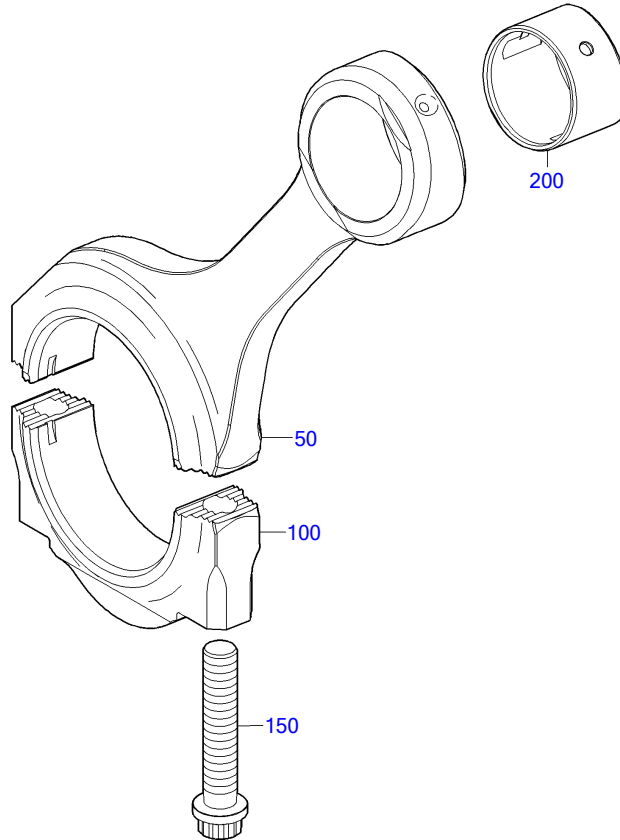


CONROD FOR 16V
XS527030.00001



03800270

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN
100	X52603800010/42	CONROD ASM	BR4000 LANGHUB	16	PC		EM
200	5240384110	CONROD BEARING UPPER HALF		16	PC	260 G	
250	X00043218	CONROD BEARING SIZE 0-0	UNTERE HAELFTE	16	PC	280 G	
350	5240384210	CONROD BEARING SIZE 0-1		1	PC	320 G	M
400	5240384310	CONROD BEARING SIZE 0-2	OBERE HAELFTE	1	PC	292 G	M
450	5240384410	CONROD BEARING SIZE 0-3		1	PC	362 G	M
500	X00043219	CONROD BEARING SIZE 0-1	UNTERE HAELFTE	1	PC	320 G	M
550	X00043220	CONROD BEARING SIZE 0-2	UNTERE HAELFTE	1	PC	322 G	M
600	X00043221	CONROD BEARING SIZE 0-3	UNTERE HAELFTE	1	PC	340 G	M
610	RX00040057/42	CONROD ASM		1	PC		MN EM
620	RX52603800010/42	CONROD ASM		1	PC		MN EM



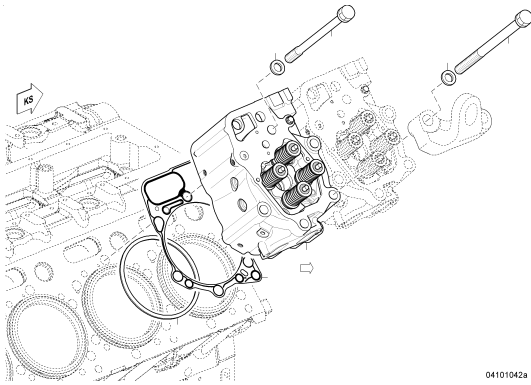
03800045c

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN
50	X52603800011/42	CONROD	1	PC		EM
100	X52603800012	CONROD CAP	1	PC		M
150	5240380471	BOLT M20 1.50 X 103.0 LG 18 CONROD	2	PC	313 G	
200	5240382550	BUSHING CON ROD 75.00	1	PC	317 G	M

GROUP NUMBER (FG)

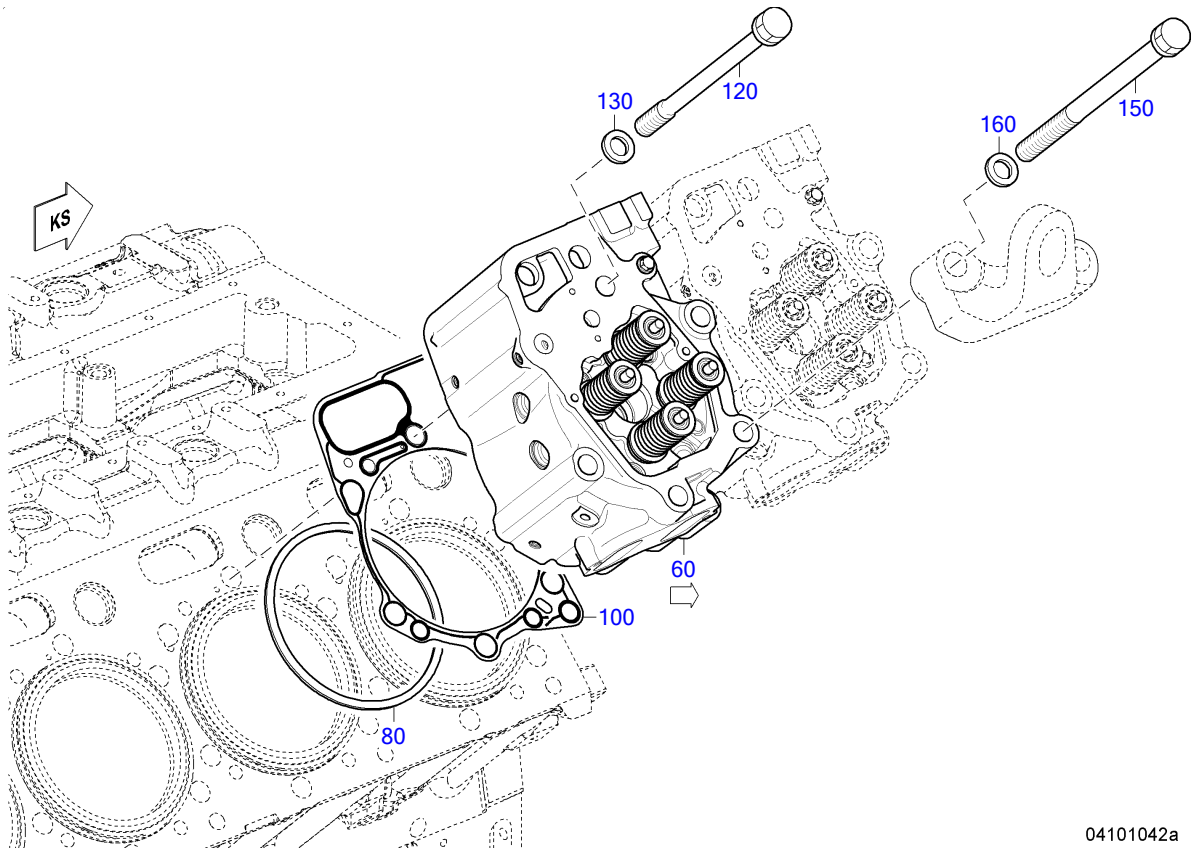
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BOM-No.



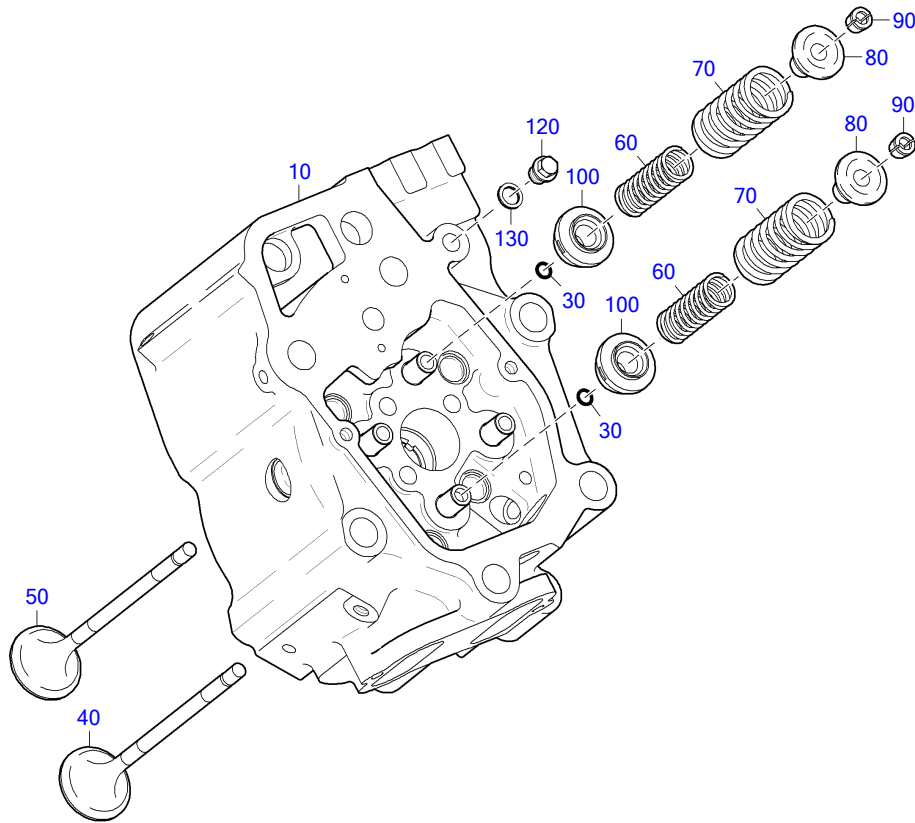
CYLINDER HEAD FOR 16V
XS595040.00012

04101042a



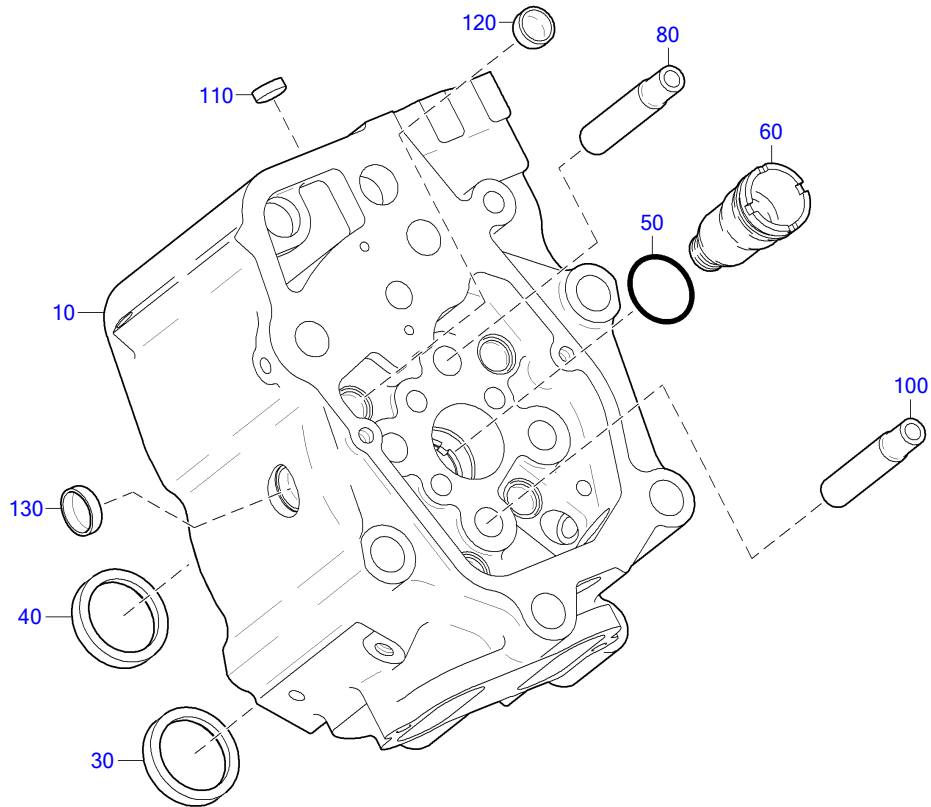
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POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
60	X52404100209	CYL.HEAD WITH VALVES	BR4000 MX03/PX03	16	PC	53,300 KG	EM	MIT LECKAGEBOHRUNG
80	5240160319	SEALING RING SIZE 0		16	PC		EM	
100	X52404200043	GASKET FOR CYLINDER HEAD		16	PC			
120	X52404200005	SCREW		84	PC	0,855 KG		
130	5240110062	WASHER THRUST		84	PC	26 G		
150	5240160069	BOLT HEX CYL HD		12	PC	1,100 KG		M22X2X333
160	5240110062	WASHER THRUST		12	PC	26 G		



04101134

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	X52404100208	CYLINDER HEAD W/VALVE GUIDES		1	PC		EM		
30	700429010004	O-RING		2	PC	0,100 G		10,78X 1,82	MMN429
40	X00042197	INLET VALVE		2	PC	340 G	EM		
50	5240530805	EXHAUST VALVE		2	PC	420 G	EM		
60	5240530122	VALVE SPRING INNER	4000	4	PC				
70	5240530120	VALVE SPRING OUTER	4000	4	PC				
80	5240530125	RETAINER VALVE SPRING		4	PC	0,034 KG			
90	0000530926	VALVE KEEPER WEDGE		8	PC	1,560 G			
100	0000534335	VALVE ROTATOR		4	PC	112 G			
120	000910014004	PLUG		1	PC	25 KG		M 14 X 1,5	DIN910
130	007603014102	COPPER SEALING RING		1	PC	1 G		A 14 X 18	DIN7603



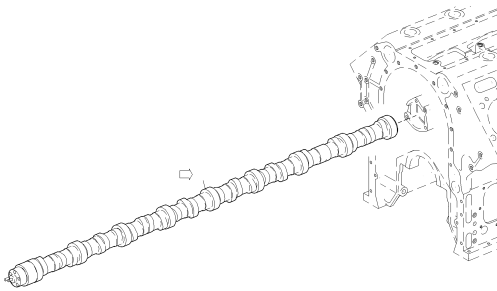
04101141

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	X52404100207	CYLINDER HEAD (ONLY MACHINED)	1	PC		EM		
30	X52404100027	VALVE SEAT INSERT INLET	2	PC	48,100 G	EM	D 58U6	
40	5240530032	VALVE SEAT INSERT EXHAUST	2	PC	33 G	EM	D 57U6	
50	735252039000	O-RING	1	PC	1,800 G		39,2 X 3	MTN5252
60	5240160153	TUBE INJECTOR	1	PC	190 G			
80		VALVE GUIDE	2	PC		EM	D 19.3R6 / D10.6+0.05	
100	5240530530	VALVE GUIDE INSERT	2	PC	0,134 KG	EM	D 19R6 / D10.6+0.05	
110	5550160633	SEALING CAP	1	PC	7,290 G		D 20	
120	5800160033	SEALING CAP	4	PC	11 G		D 24	
130	5240160233	SEALING CAP	5	PC			D 30	

GROUP NUMBER (FG)

GROUP NAME

BOM-No.



CAMSHAFT FOR 16V
XS527050.00001

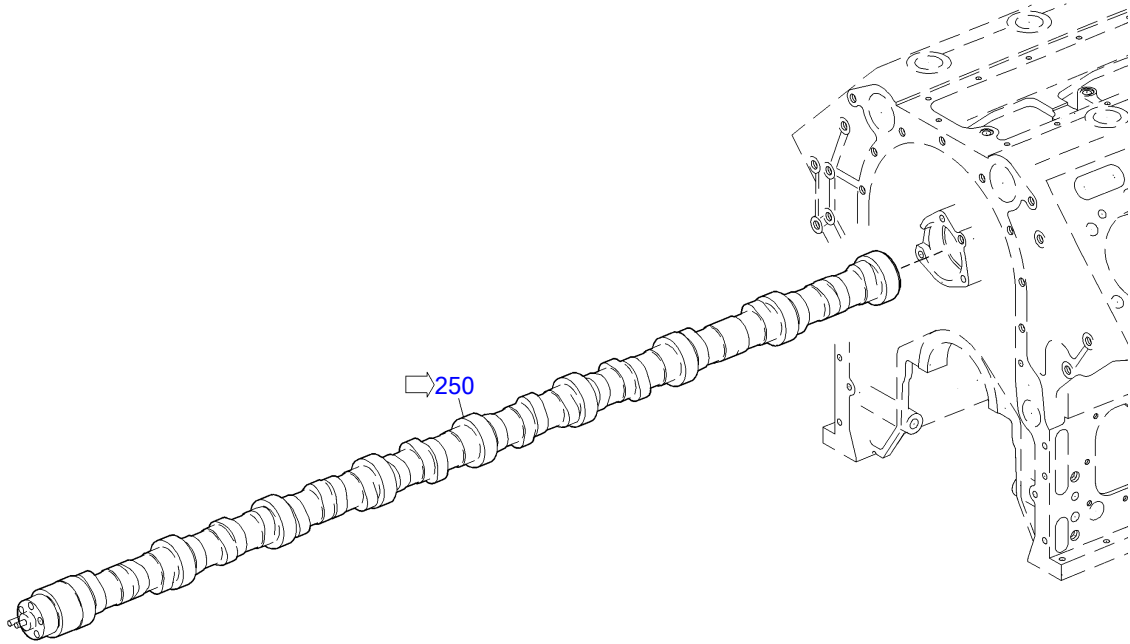
0510021b

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CAMSHAFT FOR 16V

SERIAL NUMBER: 527110243

FG/FGS: 051 05
BOM-No.: XS527050.00001



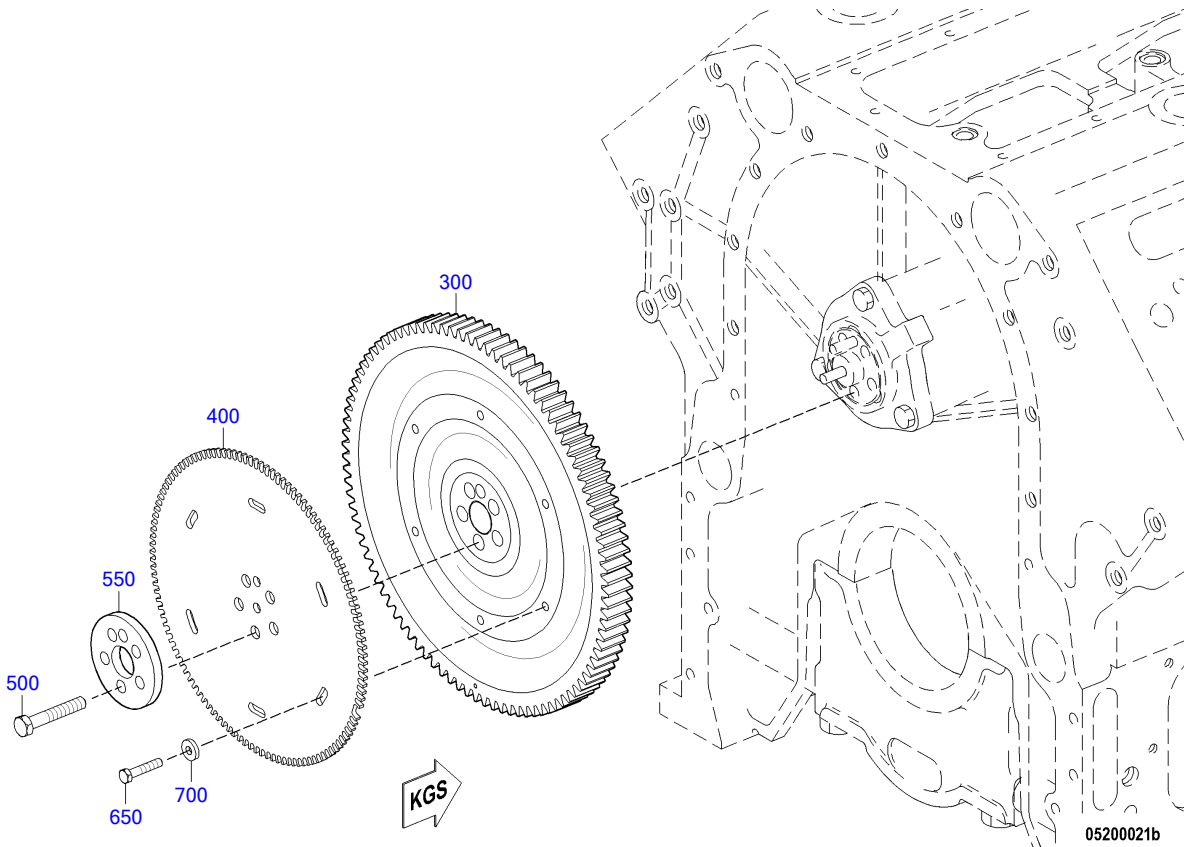
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EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CAMSHAFT FOR 16V

SERIAL NUMBER: 527110243

FG/FGS: 051 05
BOM-No.: XS527050.00001



05200021b

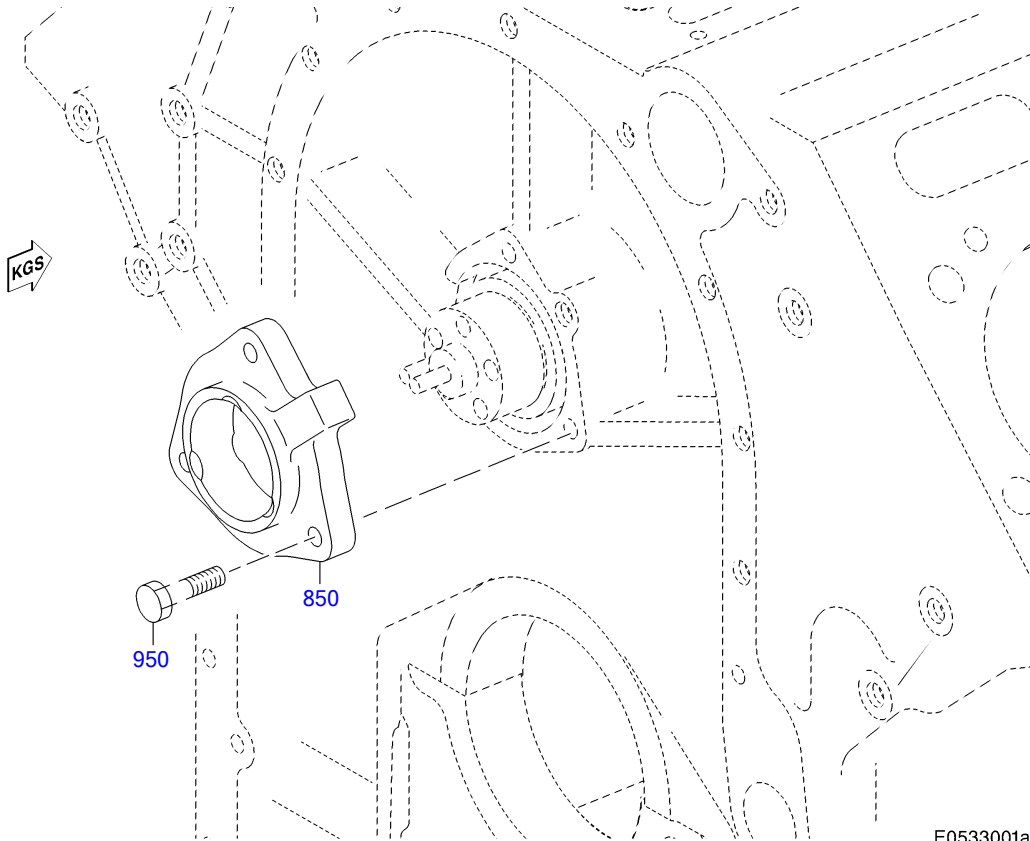
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CAMSHAFT FOR 16V

SERIAL NUMBER: 527110243

FG/FGS: 051 05

BOM-No.: XS527050.00001



E0533001a1

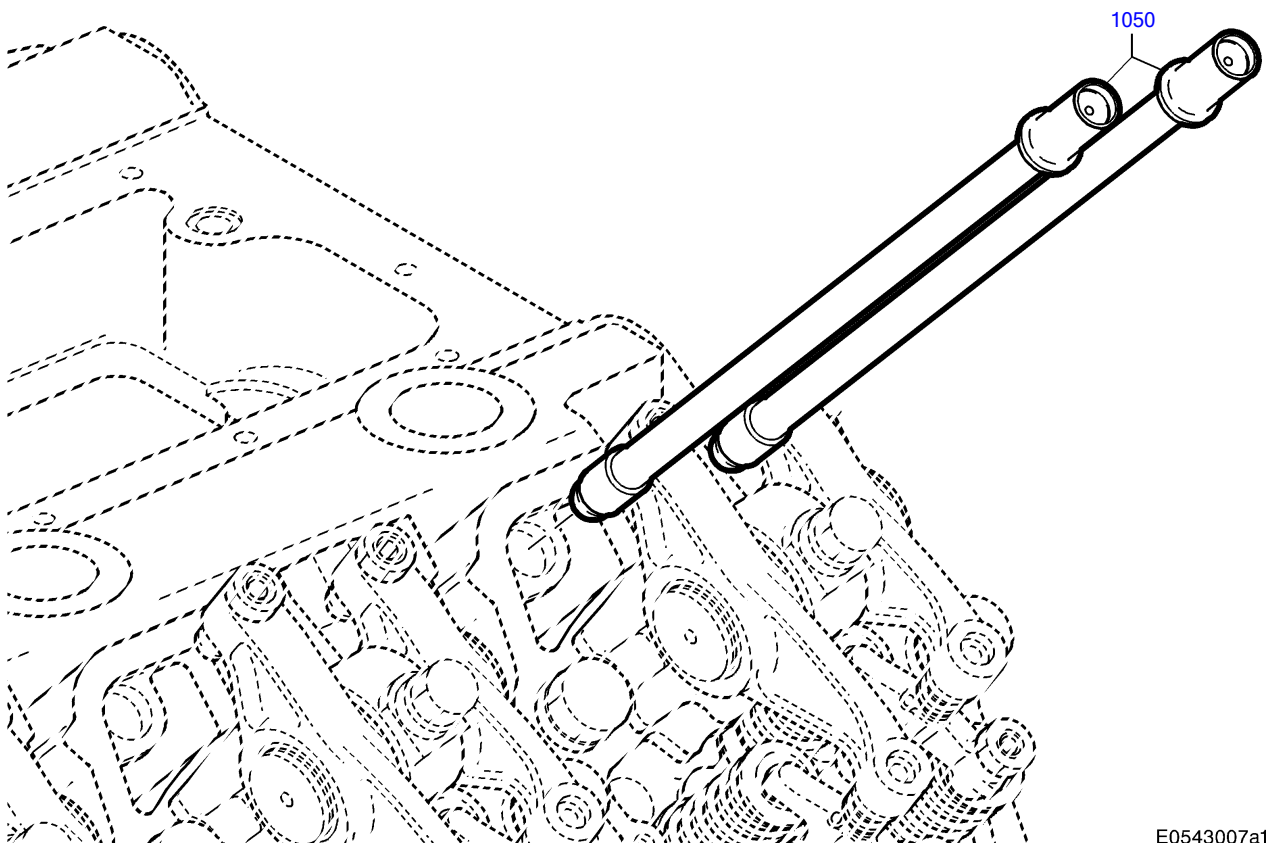
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CAMSHAFT FOR 16V

SERIAL NUMBER: 527110243

FG/FGS: 051 05

BOM-No.: XS527050.00001



E0543007a1

EQUI TYPE: Engine

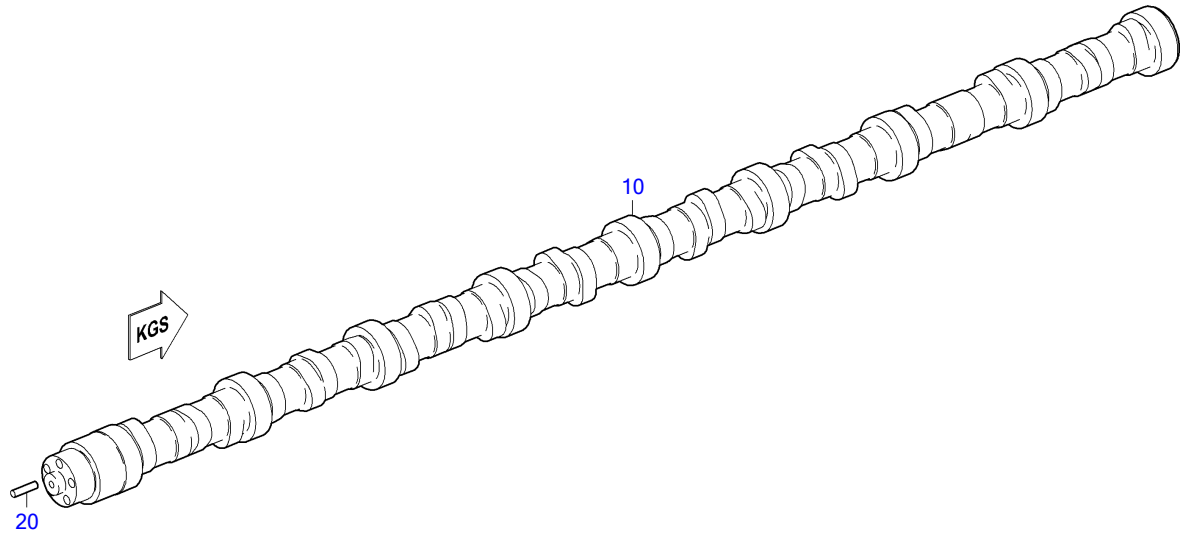
PRODUCT TYPE: 16V4000M23S
CAMSHAFT FOR 16V

SERIAL NUMBER: 527110243

FG/FGS: 051 05

BOM-No.: XS527050.00001

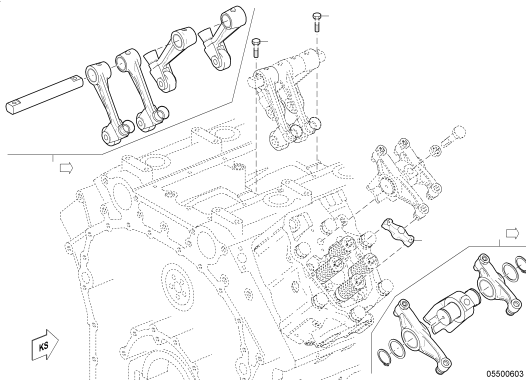
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
250	X52705100012	CAMSHAFT FOR 16V	1	PC		EM		
300	X52405200018	CAMSHAFT GEAR	1	PC	19,400 KG	EM		
400	5240521748	WHEEL SRS ADEC	1	PC	2,830 KG	EM		
500	000931012052	BOLT HEX	5	PC			M 12 X 70	DIN931
550	5240510351	SPACER RING HOLES	1	PC	427 G			
650	304017008085	BOLT HEX	6	PC	18 G		M 8 X 40	ISO4017
700	007349008002	WASHER	6	PC	8,300 G		8,4	DIN7349
850	X52405300005	THRUST BEARING FLANG FOR CAMSHAFT	1	PC	1,900 KG			
950	000933012051	BOLT HEX S2000/4000	3	PC	55 G	MN	M 12 X 50	DIN933
1050	X52405400013	PUSHROD	32	PC	609 G			



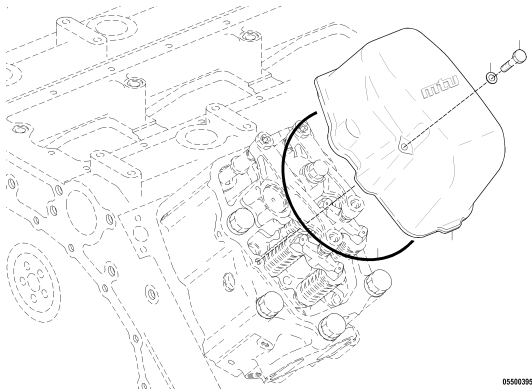
05100339

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	X52705100011	CAMSHAFT FOR 16V	1	PC		EM		
20	000007010111	PIN DOWEL CAMSHAFT	2	PC	26,500 G		10 M6 X 40	DIN7

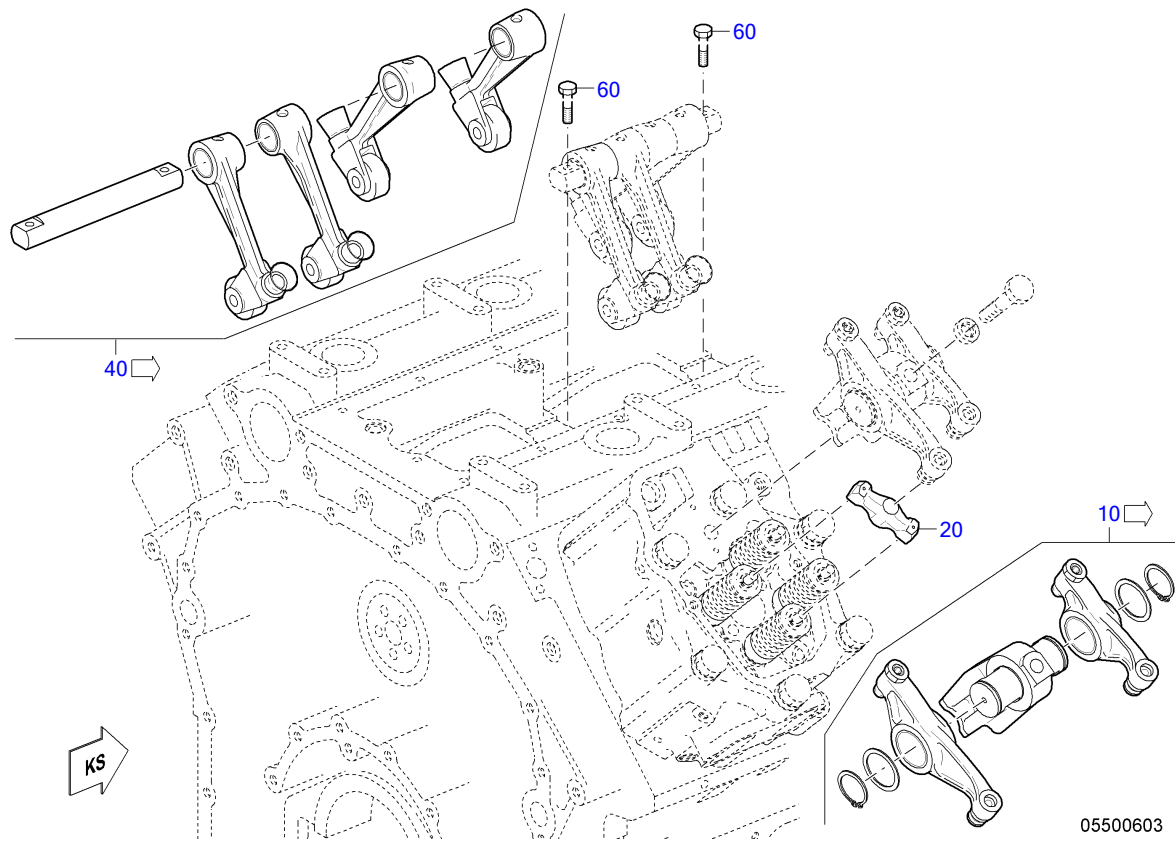
GROUP NUMBER (FG)
GROUP NAME
BOM-No.



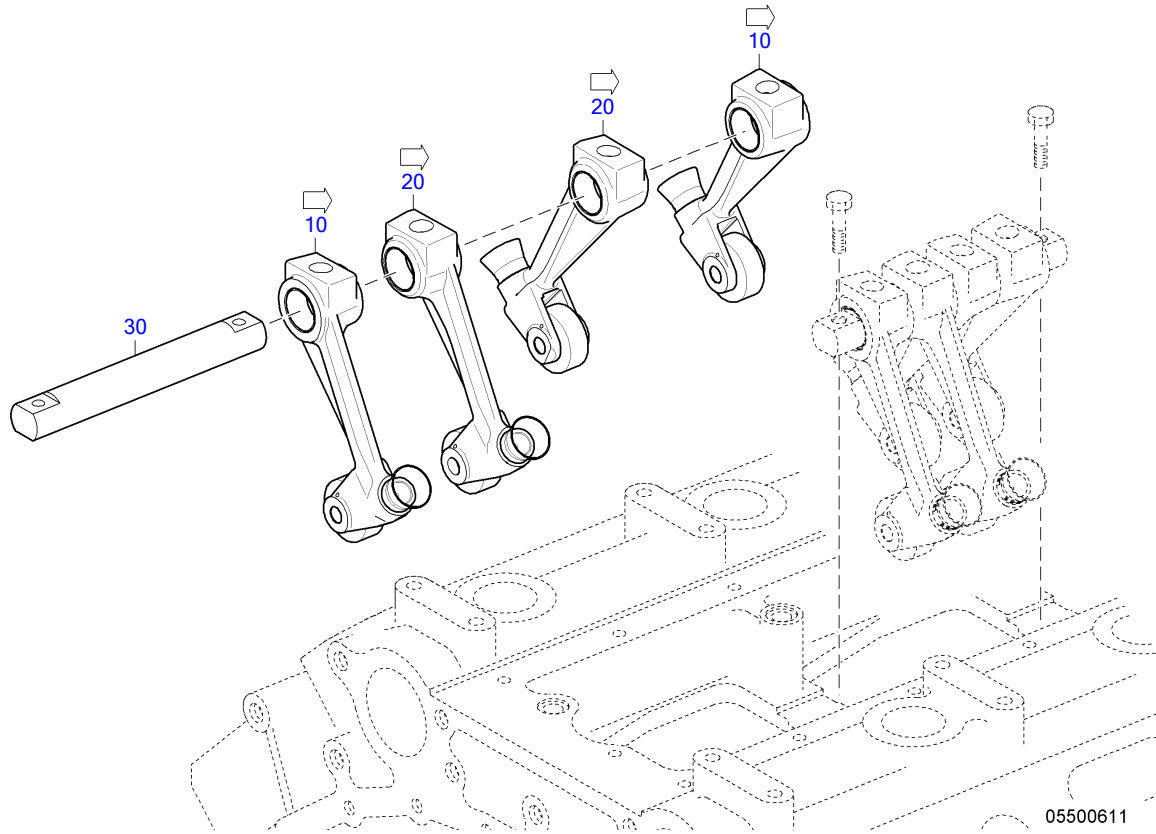
VALVE GEAR FOR 16V
XS527050.00026



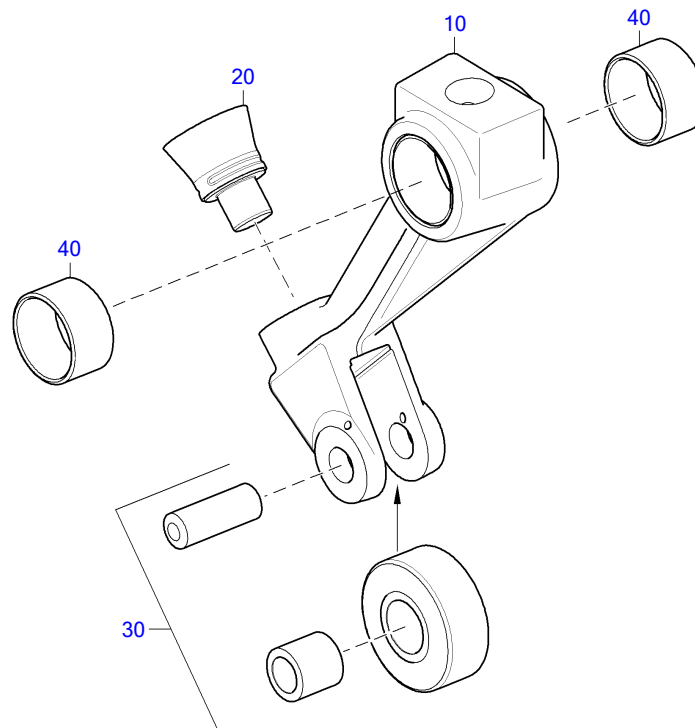
CYLINDER HEAD COVER FOR 16V
XS527010.00021



POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	X52405500145	ROCKER ARM	16	PC			
20	X52405500135	VALVE BRIDGE	32	PC			
40	X52405500139	SWING FOLL.	8	PC	7,940 KG		
60	000933010194	BOLT HEX	16	PC	31,520 G	M 10 X 40	DIN933

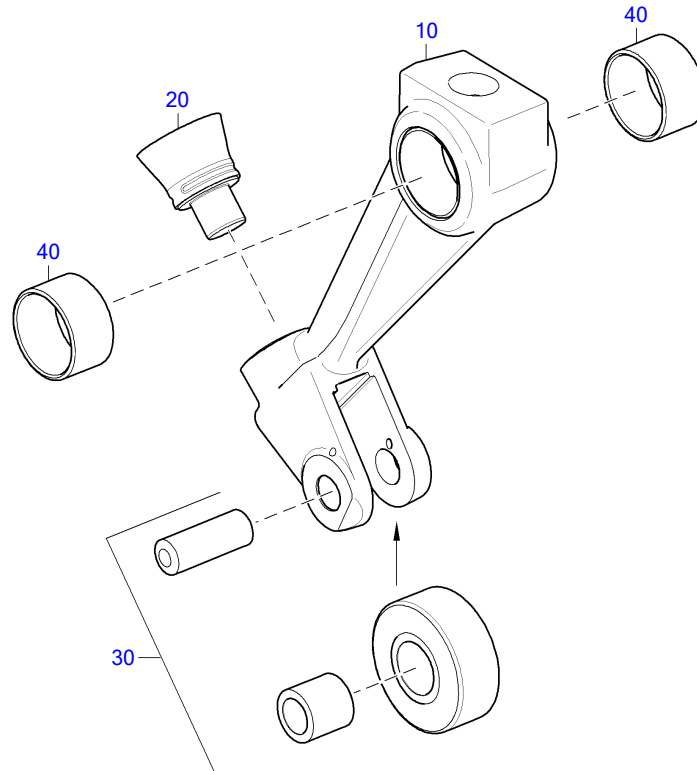


POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
10	X52405500137	SWING FOLL. INLET	2	PC	1,761 KG
20	X52405500138	SWING FOLL. EXHAUST	2	PC	1,761 KG
30	X52405500103	ROCKER SHAFT	1	PC	



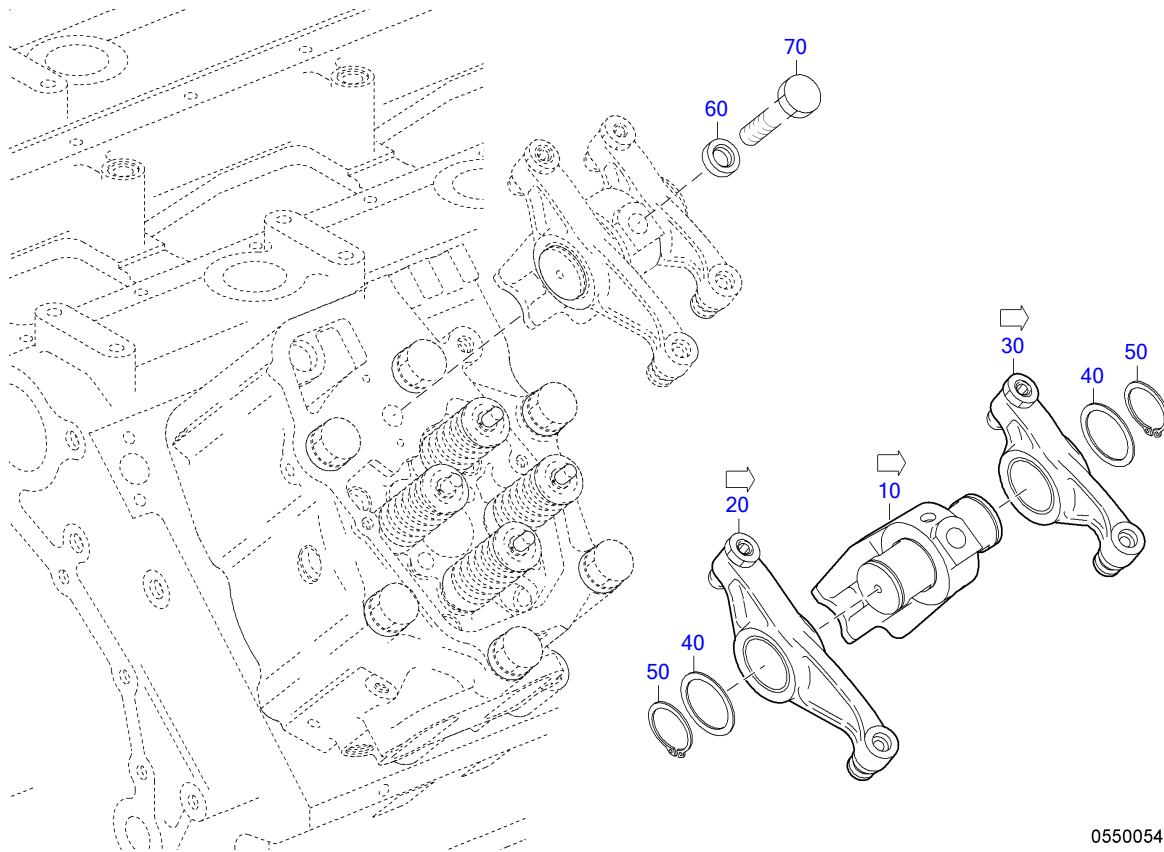
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POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	X52405500106	SWING FOLL. INLET	1	PC			
20	X52405500136	BALL SOCKET FOR ROCKER ARM	1	PC			
30	X52405400022	ROLLER TAPPET REPAIR KIT	1	PC			
40	000000001270	BUSHING	2	PC	38 KG	C 32 X 36 X 20	ISO4379



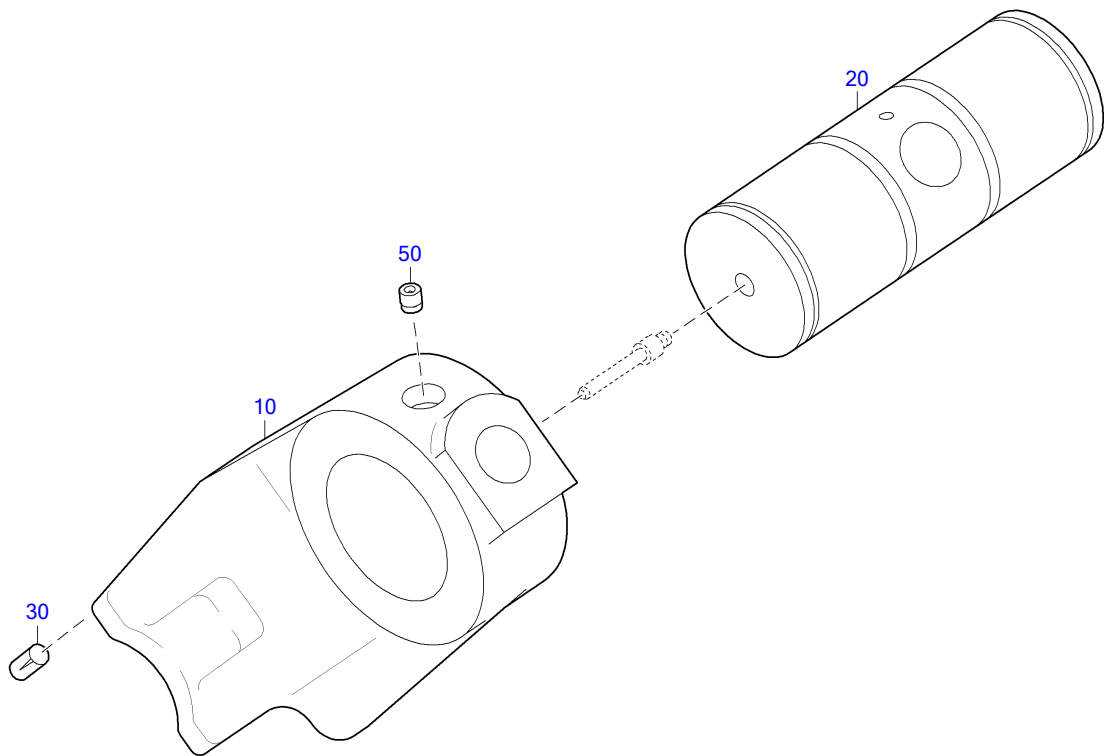
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POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	X52405500107	SWING FOLL. EXHAUST	1	PC			
20	X52405500136	BALL SOCKET FOR ROCKER ARM	1	PC			
30	X52405400022	ROLLER TAPPET REPAIR KIT	1	PC			
40	000000001270	BUSHING	2	PC	38 KG	C 32 X 36 X 20	ISO4379



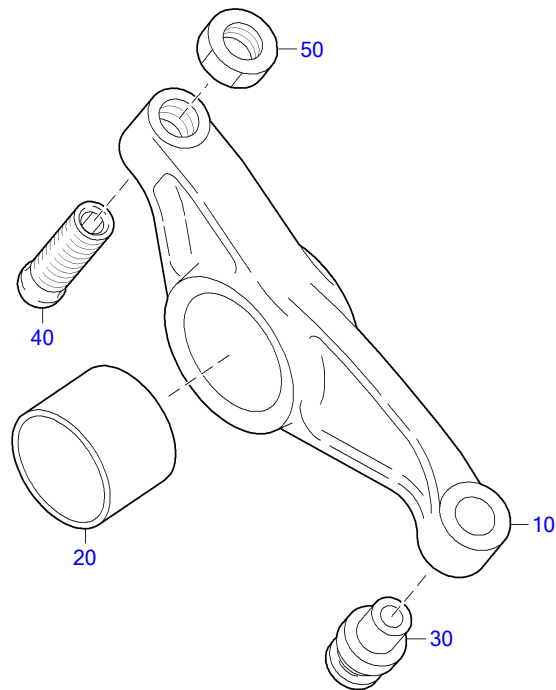
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POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	X52405500146	ROCKER SHAFT SUPPORT	1	PC			
20	X52405500124	ROCKER ARM INLET	1	PC			
30	X52405500123	ROCKER ARM EXHAUST	1	PC			
40	200988045000	RING SHIM	2	PC	8,800 G	45 X 55 X 1,5	DIN988
50	000471045000	RING SNAP HV ZNPH R5F	2	PC	7,120 G	45 X 1,75	DIN471
60	700521016200	WASHER	1	PC	12,010 G	16,2	MMN521
70	200933016002	HEX SCREW	1	PC	272,400 G	M 16 X180	DIN933



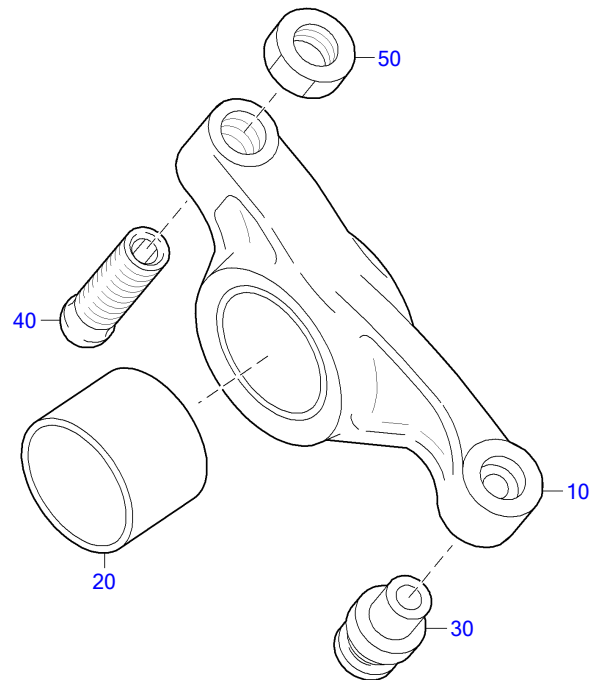
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POS.	PART NO.	DESIGNATION	QTY.	UNITS	MEASUREMENT	STANDARD
10	X52405500142	ROCKER SHAFT SUPPORT	1	PC		
20	X52405500097	ROCKER SHAFT	1	PC		
30	001474006000	PIN GROOVED	2	PC	6 X 12	DIN1474
50	X52418300025	OIL SPRAY NOZZLE	1	PC		



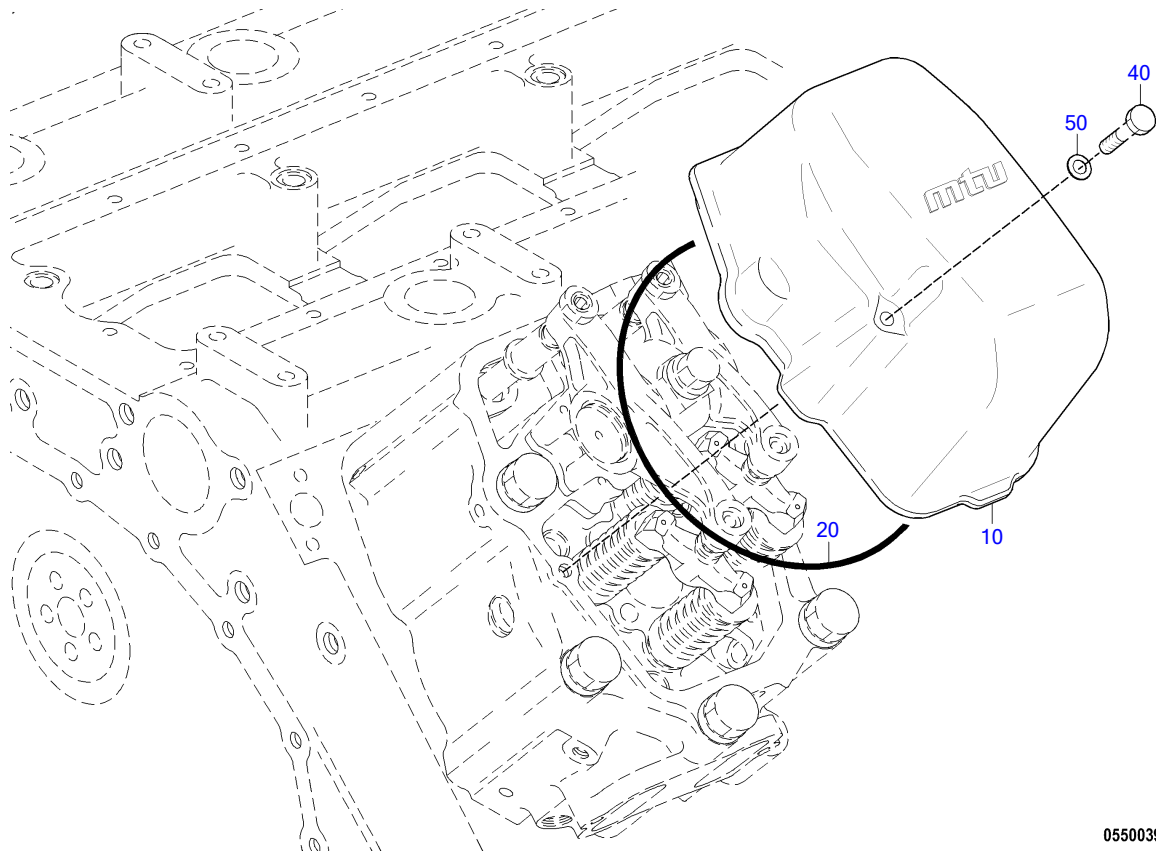
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POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	X52405500098	ROCKER ARM INLET	1	PC			
20	X52499100176	BUSHING FOR ROCKER ARM	1	PC			
30	X52405200015	THRUST MEMBER FOR ROCKER ARM	1	PC			
40	X52499100259	ADJUSTING SCREW FOR ROCKER ARM	1	PC			
50	00000000403	NUT ADEC	1	PC	17,700 G	M 16 X 1,5	ISO8675



05500548

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	X52405500099	ROCKER ARM EXHAUST	1	PC			
20	X52499100176	BUSHING FOR ROCKER ARM	1	PC			
30	X52405200015	THRUST MEMBER FOR ROCKER ARM	1	PC			
40	X52499100259	ADJUSTING SCREW FOR ROCKER ARM	1	PC			
50	000000000403	NUT ADEC	1	PC	17,700 G	M 16 X 1,5	ISO8675



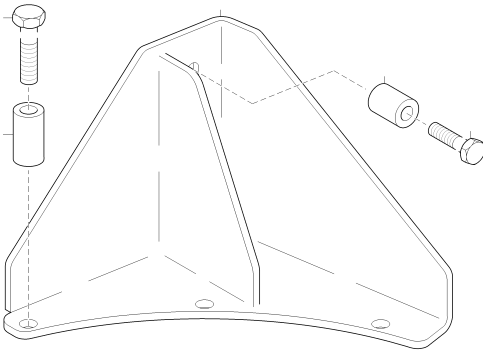
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POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	X52405500130	CYLINDER HEAD COVER	16	PC			
20	700429253000	O-RING	16	PC	21 G	253 X 4	MMN429
40	000931010332	BOLT HEX	32	PC	100 G	M 10 X150	DIN931
50	000125010524	WASHER	32	PC	3,100 G	A 10,5	DIN125

GROUP NUMBER (FG)

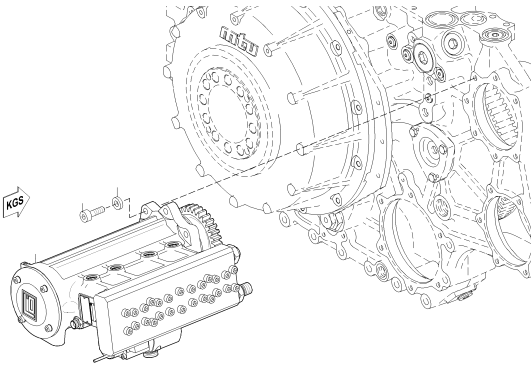
GROUP NAME

BOM-No.



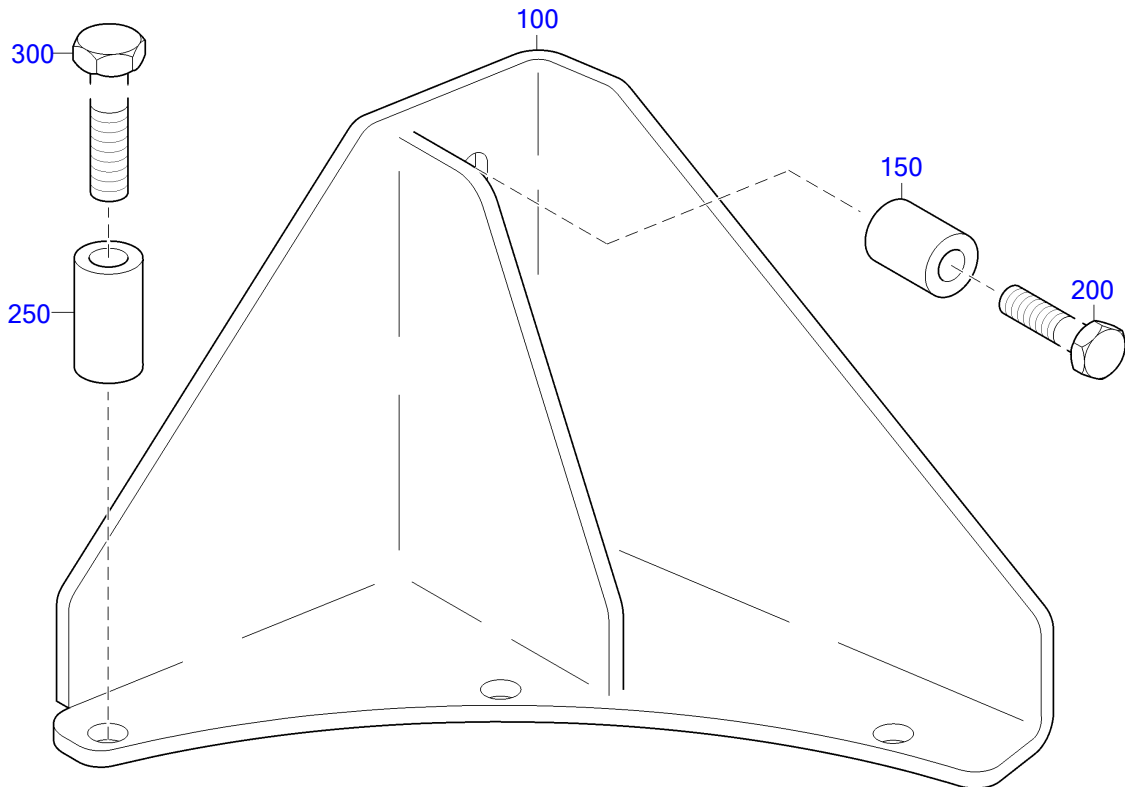
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RETAINER FOR HP PUMP
XS595010.00057



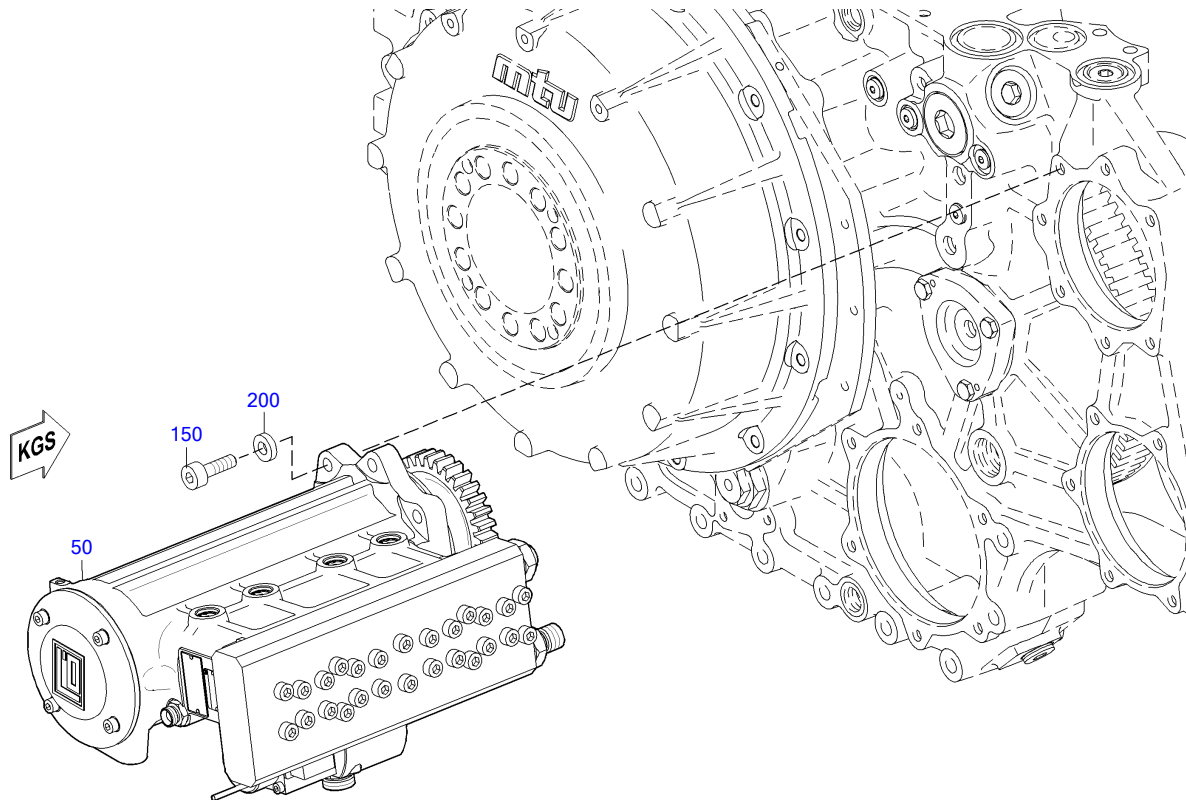
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HP PUMP W/ACCEPT CERTIFICAT
XS595070.00027



07300607a

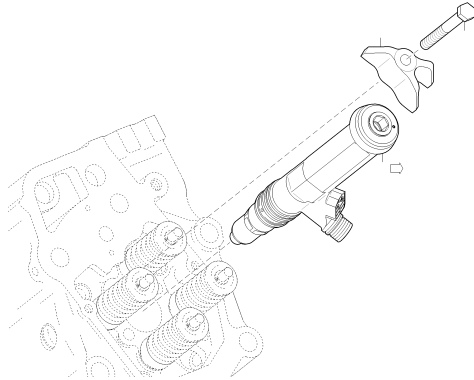
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
100	X59407300005	RETAINER FOR HP PUMP	1	PC	3,972 KG		
150	28200750053/0	SPACER BUSHING	2	PC	64,300 G		
200	000933010095	BOLT HEX	2	PC	36,500 G	M 10 X 50	DIN933
250	X59499100026	SPACER SLEEVE	3	PC	79 G		
300	000933012038	BOLT HEX	3	PC	65 G	M 12 X 65	DIN933



07300577a

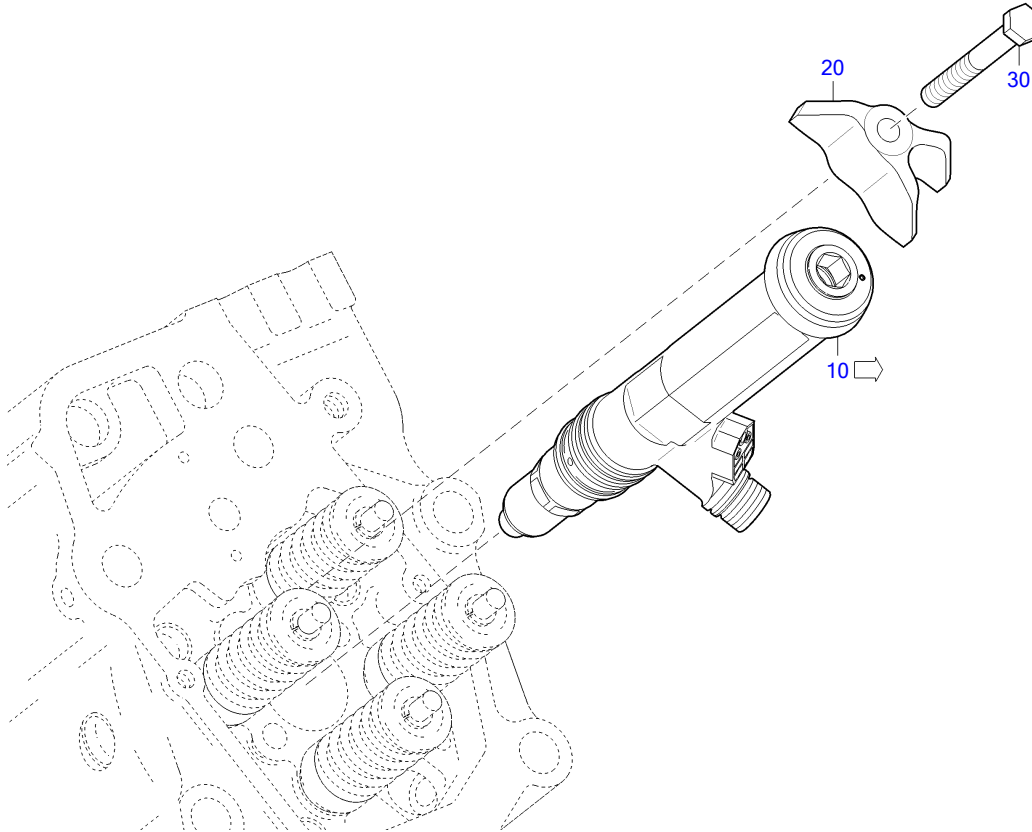
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
20	X59507300003	HP PUMP	1	PC	81,800 KG	EM		
50	X59507300003/87	HP PUMP W/ACCEPT CERTIFICAT	1	PC		EM		
150	000912012093	SCREW	16	PC	58 G		M 12 X 55	DIN912
200	200433013001	WASHER	15	PC			13	DIN433
210	RX59507300003/87	HP PUMP	1	PC	81,800 KG	EM		
220	EX59507300003/87	HP PUMP	1	PC	81,800 KG	EM		

GROUP NUMBER (FG)
GROUP NAME
BOM-No.



INJECTOR
XS595070.00021

07500233a



07500233a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
10		INJECTOR	16	PC	3,500 KG	EM	
15	EX59407500024	INJECTOR	16	PC	3,500 KG	EM	
16	RX59407500024	INJECTOR	16	PC	3,500 KG	EM	
20	5240780535	CLAMP INJECTOR HOLD-DOWN	16	PC			
30	5249902101	BOLT PHOS CTD DIN EN24017	16	PC	87 G		M12X100

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S

SERIAL NUMBER: 527110243

INJECTOR

FG/FGS:

BOM-No.: X59407500024

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	700429021001	O-RING		1	PC	0,600 G		21 X 2	MMN429
20	0000160119	SEALING RING		1	PC	9 G	EM		
30	700429038003	O-RING		2	PC	3,080 G		38,5 X 3,7	MMN429
40	XP59307500002	O-RING	FKM SHOREHÄRTE 70 GRÜN	1	PC	2,600 G		36,0+/-0,4X3,6+/-0,11	

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
INJECTION LINE / HP FUEL LINE

SERIAL NUMBER: 527110243
FG/FGS: 077

GROUP NUMBER (FG)

GROUP NAME

BOM-No.

HP LINE JACKETED
XS595070.00026

EQUI TYPE: Engine

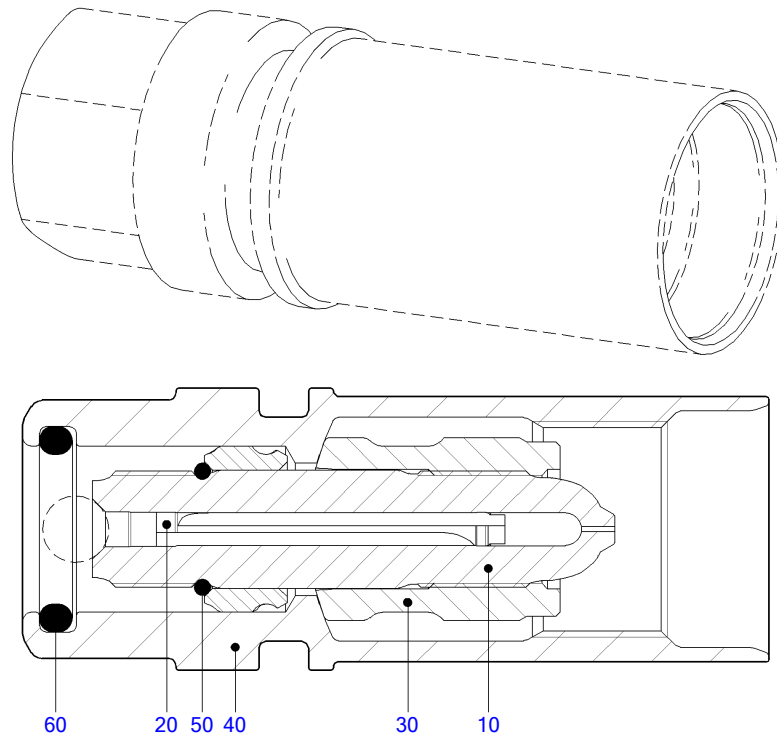
PRODUCT TYPE: 16V4000M23S
HP LINE JACKETED

SERIAL NUMBER: 527110243

FG/FGS: 077 05

BOM-No.: XS595070.00026

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
40	X59307700016	ADAPTER FOR HP LINE		1	PC	272 G			
45	700429028004	O-RING		1	PC	1,800 G		28 X 3,15	MMN429
60	X52907700001	HP FUEL LINE JACKETED		1	PC	5,220 KG		EM	
70	X59499100261	PIPE HALF-CLAMP		4	PC	82 G		56X21X16	
80	X59399100008	GROMMET		2	PC	9 G			
90	007349008002	WASHER		2	PC	8,300 G		8,4	DIN7349
100	000000004164	BOLT		1	PC			M 8 X 60	ISO4017
110	204014008005	HEX SCREW		1	PC	41,400 G		M 8 X100	ISO4014
113	X59307800005	BRACKET HP LINE		1	PC	139 G			
115	X59499100261	PIPE HALF-CLAMP		2	PC	82 G		56X21X16	
116	X59399100008	GROMMET		1	PC	9 G			
117	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
118	000000004164	BOLT		1	PC			M 8 X 60	ISO4017
130	X52907700002	HP FUEL LINE DOUBLE-WALLED, LEFT		1	PC	4,520 KG		EM	
140	X59499100261	PIPE HALF-CLAMP		4	PC	82 G		56X21X16	
150	X59399100008	GROMMET		2	PC	9 G			
160	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
170	000000004164	BOLT		1	PC			M 8 X 60	ISO4017
190	X52907700027	HP FUEL LINE DOUBLE-WALLED, RIGH	BR4000.03 ARBEITSSCHIFFE	1	PC	3,880 KG		EM	
200	X59499100261	PIPE HALF-CLAMP		2	PC	82 G		56X21X16	
210	X59399100008	GROMMET		1	PC	9 G			
220	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
230	000000004164	BOLT		1	PC			M 8 X 60	ISO4017
250	X52907700059	FUEL DISTRIBUTOR JACKETED	SCHMIEDETEIL FUCHS CH	1	PC	7,443 KG		EM	
260	000000003510	HEX SCREW		2	PC	66 G		M 10 X 90	ISO4014
270	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
280	304014008021	HEX SCREW		1	PC			M 8 X120	ISO4014
290	X52907800006	BUSHING		1	PC	118 G		D=25/9; L=35,6	
310	X59507800003	PRESS RELIEF VALVE FOR 16V/20V		1	PC			EM	
330	X59507700010	HP ACCUMULATOR DOUBLE-WALLED, LEFT		1	PC	55 KG		EM	
340	X59507700009	HP ACCUMULATOR DOUBLE-WALLED, RIGH		1	PC	54,500 KG		EM	
350	200433010500	WASHER		16	PC	1,900 G		10,5	DIN433
360	000912010014	BOLT HEX SOC HD		16	PC			M 10 X 40	DIN912
370	X59407700023	HP FUEL LINE		16	PC			EM	
380	X52607700009	ADAPTER JACKETED		16	PC	360 G		EM DROSSEL-DURCHM0,62MM	
400	700429024000	O-RING		16	PC	3,900 G		24 X 5	MMN429



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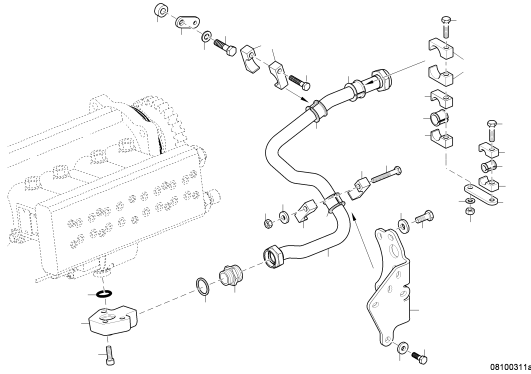
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
10	XP52707700021	PIPE NECK	1	PC			M14X1 LH /M14X1,5
20		EDGE-TYPE FILTER	1	PC		KE	D 4,1 X 42
30	XP52707700018	THRUST RING	1	PC			22X29.5
40	XP52707700017	UNION NUT	1	PC			34X90
50	XP52707700015	O-RING	1	PC	1 G		12X2
60	8699970483	SEALING RING	1	PC	40 G		18,64 X 3,55

GROUP NUMBER (FG)

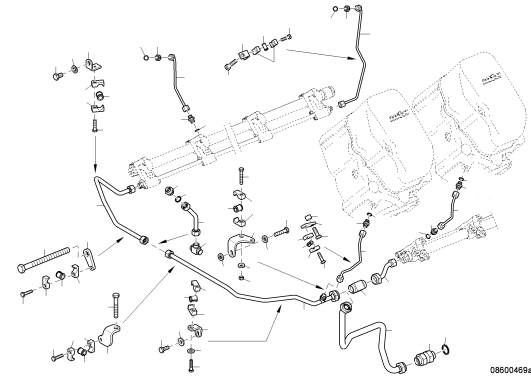
GROUP NAME

BOM-No.

FUEL PREFILTER
XS594080.00073



LP FUEL SYSTEM OPEN
XS595080.00028



FUEL RETURN OPEN
XS595080.00029

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S

SERIAL NUMBER: 527110243

FUEL PREFILTER

FG/FGS: 080 00

BOM-No.: XS594080.00073

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT
20	X59408300052/87	FUEL PREFILTER	5 M	1	PC	38,700 KG

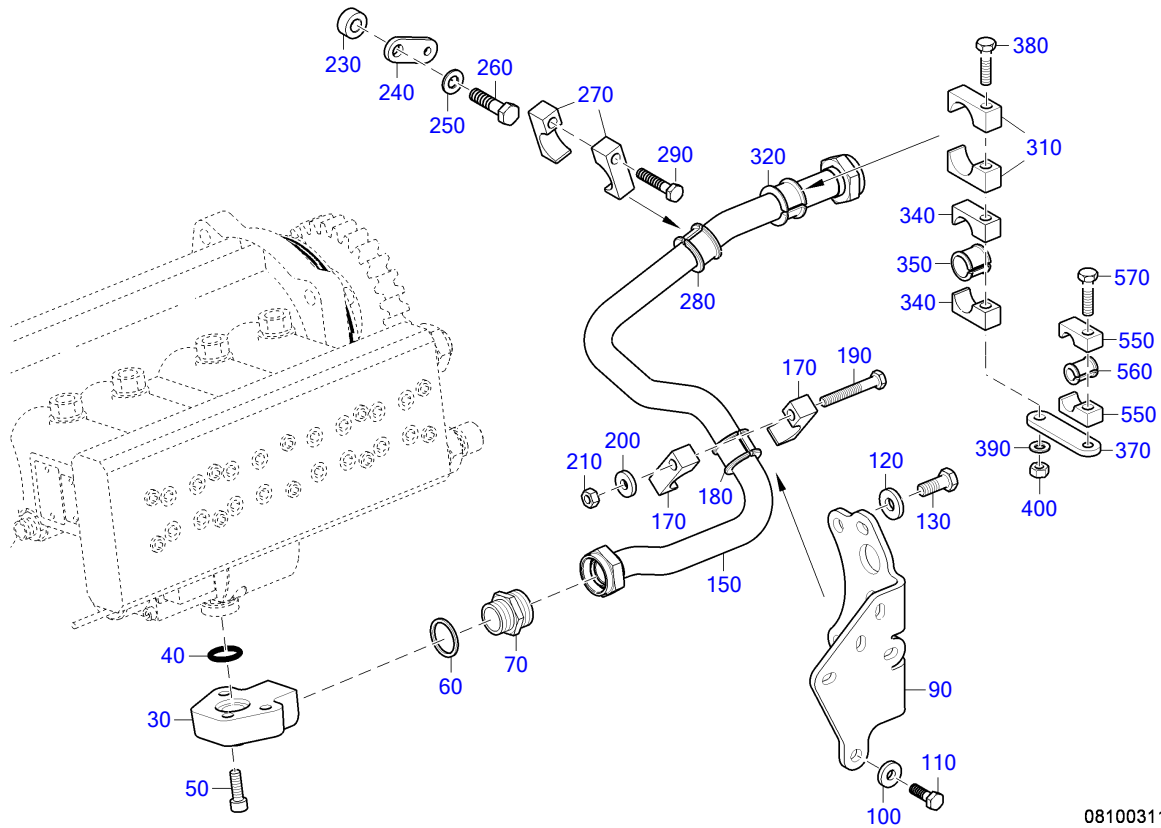
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
LP FUEL SYSTEM OPEN

SERIAL NUMBER: 527110243

FG/FGS: 080 00

BOM-No.: XS595080.00028



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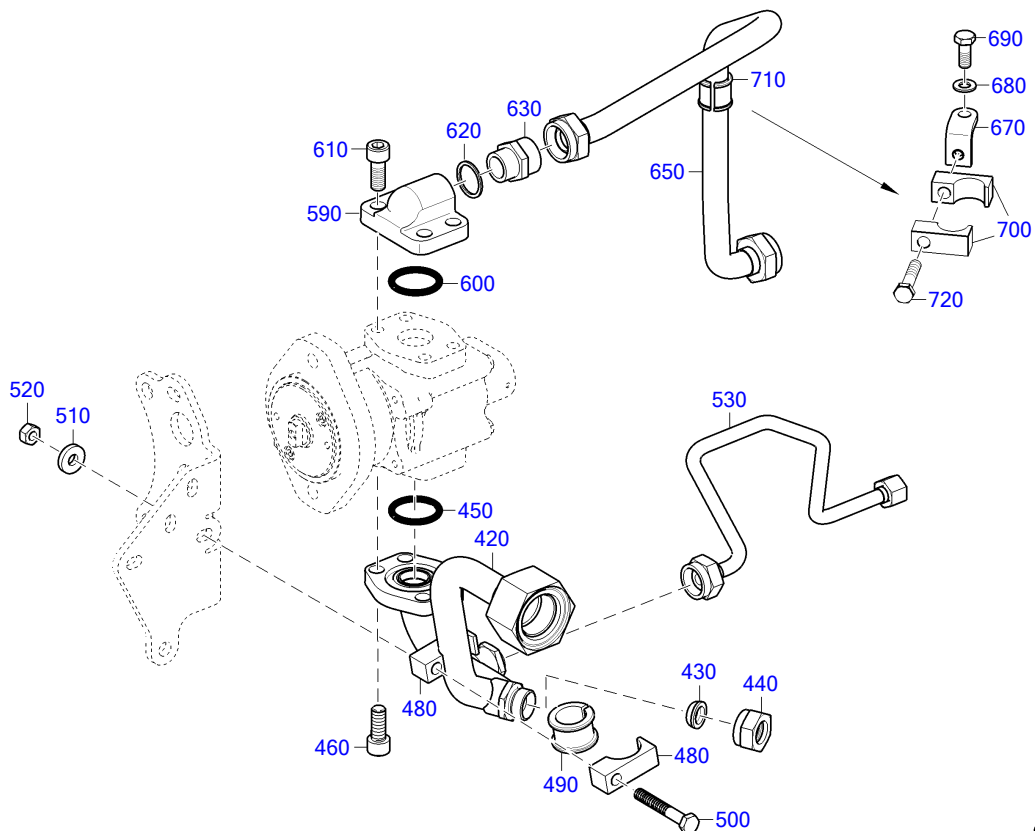
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
LP FUEL SYSTEM OPEN

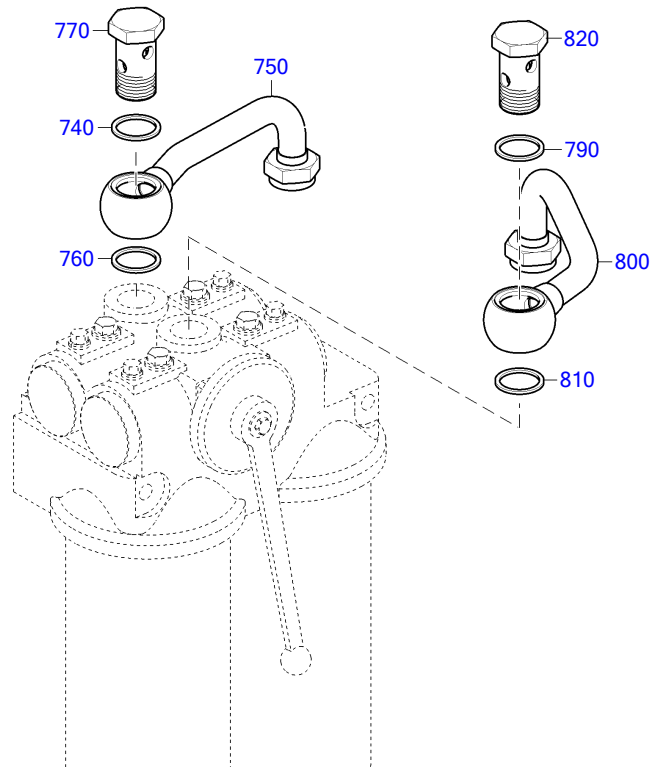
SERIAL NUMBER: 527110243

FG/FGS: 080 00

BOM-No.: XS595080.00028



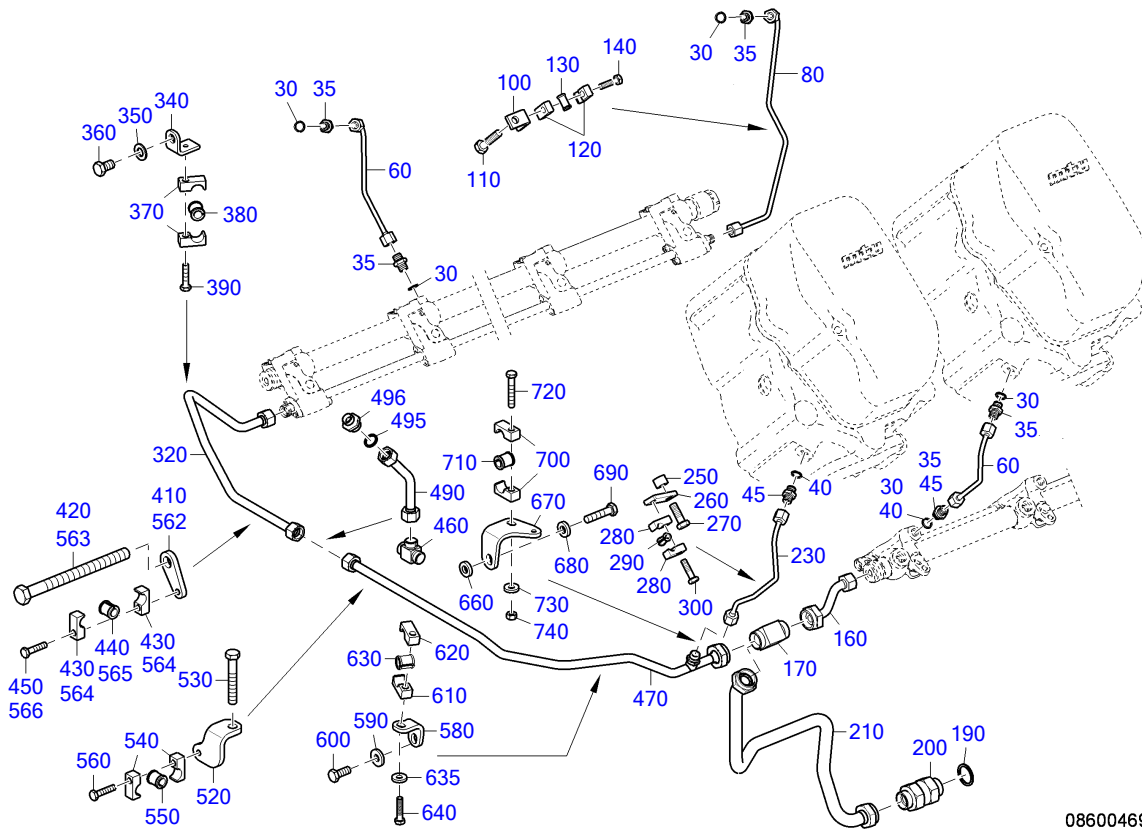
08100312a



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POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
30	X00032042	CONNECTING PIECE		1	PC		SB		
40	700429020003	O-RING		1	PC	2,120 G		20 X 4	MMN429
50	000912008014	SOCKET HD. S		3	PC	15 G		M 8 X 25	DIN912
60	007603026101	WASHER A COP		1	PC	3,700 G		A 26 X 32	DIN7603
70	915013020002	SCREW NECK		1	PC	67,500 G		20 (M30X1,5/M26X1,5)	N15013
90	X59308100037	RETAINER PLATE		1	PC	818 G			
100	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
110	304017008081	HEX BOLT		1	PC	13,500 G		M 8 X 25	ISO4017
120	007349010002	WASHER		2	PC	11 G		10,5	DIN7349
130	000000003021	HEX SCREW		2	PC	23,700 G		M 10 X 25	ISO4017
150	X59308100009	FUEL LINE		1	PC	930 G	SB		
170	700325028100	CLAMP HALF TUBE 1/1 D9-28		2	PC	55 G		1/1 D 9 - 28	MMN325
180	700327022000	GROMMET		1	PC	9 G		22	MMN327
190	304017008088	BOLT HEX A3C		1	PC	23,440 G		M 8 X 55	ISO4017
200	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
210	304032008014	NUT HEX 8 A3C		1	PC	4,800 G		M 8	ISO4032
230	735151010200	SPACER S2000/4000		1	PC	22,300 G	MN	B 10,5	MTN5151
240	5240782141	BRACKET FLAT M8 TAP D M10 HOLE BR 4000		1	PC	32 G			
250	000125010524	WASHER		1	PC	3,100 G		A 10,5	DIN125
260	000000001039	BOLT HEX A3C		1	PC	29,800 G		M 10 X 40	ISO4017
270	700325028100	CLAMP HALF TUBE 1/1 D9-28		2	PC	55 G		1/1 D 9 - 28	MMN325
280	700327022000	GROMMET		1	PC	9 G		22	MMN327
290	304017008085	BOLT HEX		1	PC	18 G		M 8 X 40	ISO4017
310	700325028100	CLAMP HALF TUBE 1/1 D9-28		2	PC	55 G		1/1 D 9 - 28	MMN325
320	700327022000	GROMMET		1	PC	9 G		22	MMN327

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
340	700325022100	CLAMP HALF TUBE 1/1 D9-22		2	PC	48 G		1/1 D 9 - 22	MMN325
350	700327018000	GROMMET		1	PC	4,700 G		18	MMN327
370	8801590040	RETAINER		1	PC	54,500 G			
380	00000004390	BOLT A3C		1	PC	32 G		M 8 X 85	ISO4017
390	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125
400	304032008014	NUT HEX 8 A3C		1	PC	4,800 G		M 8	ISO4032
420	X59308100029	FUEL LINE		1	PC		SB		
430	915005013004	CONE SEALING 15		1	PC	9,500 G		15	MBN15005
440	915001013003	UNION NUT M1		1	PC			13 M 22 X 1,5	N15001
450	700429030002	O-RING		1	PC	3,100 G		30 X 4	MMN429
460	000912010065	BOLT HEX SOC HD		4	PC	24,200 G		M 10 X 25	DIN912
480	700325028100	CLAMP HALF TUBE 1/1 D9-28		2	PC	55 G		1/1 D 9 - 28	MMN325
490	700327022000	GROMMET		1	PC	9 G		22	MMN327
500	304017008088	BOLT HEX A3C		1	PC	23,440 G		M 8 X 55	ISO4017
510	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
520	304032008014	NUT HEX 8 A3C		1	PC	4,800 G		M 8	ISO4032
530	X59308100006	FUEL LINE		1	PC	0,175 KG	SB		
550	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34,030 G		1/1 D 9 - 15	MMN325
560	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
570	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
590	X59308200003	CONNECTING PIECE		1	PC				
600	700429030002	O-RING		1	PC	3,100 G		30 X 4	MMN429
610	000912010065	BOLT HEX SOC HD		4	PC	24,200 G		M 10 X 25	DIN912
620	007603022102	COPPER SEALING RING		1	PC	0,900 G		A 22 X 27	DIN7603
630	915013016002	UNION		1	PC			16	N15013
650	X59308200001	FUEL LINE		1	PC	190 G	SB EM		
670	5502030043	BRACKET		1	PC	31 G		H023	
680	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125
690	304017008079	BOLT HEX		1	PC	12,370 G		M 8 X 20	ISO4017
700	700325022100	CLAMP HALF TUBE 1/1 D9-22		2	PC	48 G		1/1 D 9 - 22	MMN325
710	700327018000	GROMMET		1	PC	4,700 G		18	MMN327
720	304017008085	BOLT HEX		1	PC	18 G		M 8 X 40	ISO4017
740	007603026101	WASHER A COP		1	PC	3,700 G		A 26 X 32	DIN7603
750	X59308100007	FUEL LINE		1	PC		SB		
760	007603026101	WASHER A COP		1	PC	3,700 G		A 26 X 32	DIN7603
770	700223016000	BOLT BANJO A18		1	PC	156 G		A 18	MMN223
790	007603026101	WASHER A COP		1	PC	3,700 G		A 26 X 32	DIN7603
800	X59308100008	FUEL LINE		1	PC		SB		
810	007603026101	WASHER A COP		1	PC	3,700 G		A 26 X 32	DIN7603
820	700223016000	BOLT BANJO A18		1	PC	156 G		A 18	MMN223



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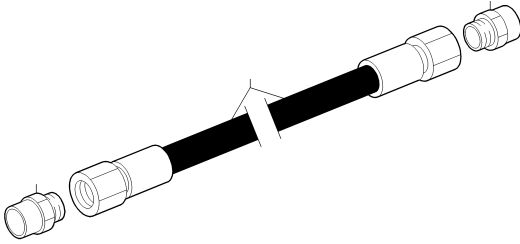
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
30	007603012111	COPPER SEALING RING	14	PC	0,700 G		A 12 X 15,5	DIN7603
35	915006004002	UNION	14	PC	19,540 G	4		N15006
40	007603012111	COPPER SEALING RING	16	PC	0,700 G		A 12 X 15,5	DIN7603
45	915006004002	UNION	16	PC	19,540 G	4		N15006
60	X00034974	TUBE FUEL LOW PRESSURE RETURN	14	PC				SB
80	X00004215	TUBE FUEL RETURN LOW PRESSURE B-BANK	1	PC	90,600 G			SB
100	5551870640	BRACKET L H:51 S2000/4000	1	PC				SB
110	000000003021	HEX SCREW	1	PC	23,700 G		M 10 X 25	ISO4017
120	700325010100	CLAMP HALF TUBE	2	PC	26 G		1/1 D 9 - 10	MMN325
130	700327006000	GROMMET	1	PC	1,960 G	6		MMN327
140	304017008083	BOLT HEX A3C	1	PC	15 G		M 8 X 30	ISO4017
160	X00040958	TUBE FUEL RETURN 87.391	1	PC	112 G			SB
170	5569970274	FITTING TEE	1	PC	195 G		DN 16 / M26X1,5	
190	007603026101	WASHER A COP	1	PC	3,700 G		A 26 X 32	DIN7603
200	735080018202	CHECK VALVE	1	PC	295 G		RHDK 18-L 2	MTN5080
210	X59608300002	FUEL LINE	1	PC	458 G			SB
230	X00040965	TUBE FUEL RETURN LOW PRESSURE A-BANK	1	PC	71 G			SB
250	5599920601	SPACER BUSHING	1	PC	22,770 G			
260	135M55009/1	STRAP 75 X20	1	PC	61,500 G			
270	000000003326	HEX SCREW	1	PC	28,180 G		M 10 X 35	ISO4017
280	700325010100	CLAMP HALF TUBE	2	PC	26 G		1/1 D 9 - 10	MMN325
290	700327006000	GROMMET	1	PC	1,960 G	6		MMN327
300	304017008083	BOLT HEX A3C	1	PC	15 G		M 8 X 30	ISO4017
320	X59408100016	FUEL RETURN LINE	1	PC				SB
340	5612033740	BRACKET L H:81	1	PC	60,600 G			

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
350	000125013012	WASHER	1	PC	5,320 G	MN	A 13	DIN125
360	204017012004	HEX SCREW	1	PC	29,600 G		M 12 X 20	ISO4017
370	700325018100	CLAMP HALF TUBE 1/1 D9-18	2	PC	40 G		1/1 D 9 - 18	MMN325
380	700327012000	GROMMET	1	PC	4,600 G		12	MMN327
385	000125008427	WASHER	1	PC	1,500 G		A 8,4	DIN125
390	304017008084	BOLT HEX A3C	1	PC	16,565 G		M 8 X 35	ISO4017
410	X59499100107	RETAINER	1	PC				
415	200433017001	WASHER	1	PC	7,300 G		17	DIN433
420	204014016007	HEX SCREW	1	PC	320 G		M 16 X190	ISO4014
430	700325018100	CLAMP HALF TUBE 1/1 D9-18	2	PC	40 G		1/1 D 9 - 18	MMN325
440	700327012000	GROMMET	1	PC	4,600 G		12	MMN327
450	304017008085	BOLT HEX	1	PC	18 G		M 8 X 40	ISO4017
460	5569970774	FITTING TEE	1	PC	75 G		DN 10 / M18X1,5	
470	X59408100019	FUEL RETURN LINE	1	PC				
490	X59408100010	FUEL RETURN LINE	1	PC		SB		
495	007603016105	COPPER SEALING RING	1	PC			A 16 X 20	DIN7603
496	915007010001	CONNECTOR 10/8	1	PC	33,500 G		10 / 8 (M18X1,5/M16X1,5)	N15007
520	X59408100013	RETAINER	1	PC	208 G			
525	200433013000	WASHER	1	PC			13	DIN433
530	000000000904	BOLT HEX ZHPH R5F	1	PC	75 G		M 12 X 80	ISO4017
540	700325018100	CLAMP HALF TUBE 1/1 D9-18	2	PC	40 G		1/1 D 9 - 18	MMN325
550	700327012000	GROMMET	1	PC	4,600 G		12	MMN327
560	304017008085	BOLT HEX	1	PC	18 G		M 8 X 40	ISO4017
562	X59499100107	RETAINER	1	PC				
563	200433017001	WASHER	1	PC	7,300 G		17	DIN433
564	204014016007	HEX SCREW	1	PC	320 G		M 16 X190	ISO4014
565	700325018100	CLAMP HALF TUBE 1/1 D9-18	2	PC	40 G		1/1 D 9 - 18	MMN325
566	700327012000	GROMMET	1	PC	4,600 G		12	MMN327
567	304017008085	BOLT HEX	1	PC	18 G		M 8 X 40	ISO4017
580	X59408100017	RETAINER FOR FUEL LINE	1	PC	70 G			
590	007349010002	WASHER	1	PC	11 G		10,5	DIN7349
600	000000003021	HEX SCREW	1	PC	23,700 G		M 10 X 25	ISO4017
610	700325018100	CLAMP HALF TUBE 1/1 D9-18	1	PC	40 G		1/1 D 9 - 18	MMN325
620	700325018200	CLAMP HALF TUBE 1/1 G8-18	1	PC	40,800 G		1/1 G 8 - 18	MMN325
630	700327012000	GROMMET	1	PC	4,600 G		12	MMN327
635	007349008002	WASHER	1	PC	8,300 G		8,4	DIN7349
640	304017008084	BOLT HEX A3C	1	PC	16,565 G		M 8 X 35	ISO4017
660	735151010100	SPACER	1	PC	11 G		A 10,5	MTN5151
670	X59308600005	BRACKET	1	PC	173 G			
680	735151010100	SPACER	1	PC	11 G		A 10,5	MTN5151
690	204017010021	BOLT A3C	1	PC	33,200 G		M 10 X 45	ISO4017
700	700325018100	CLAMP HALF TUBE 1/1 D9-18	2	PC	40 G		1/1 D 9 - 18	MMN325
710	700327012000	GROMMET	1	PC	4,600 G		12	MMN327
720	304017008086	BOLT HEX A3C	1	PC	19,400 G		M 8 X 45	ISO4017
730	007349008002	WASHER	1	PC	8,300 G		8,4	DIN7349
740	304032008014	NUT HEX 8 A3C	1	PC	4,800 G		M 8	ISO4032

GROUP NUMBER (FG)

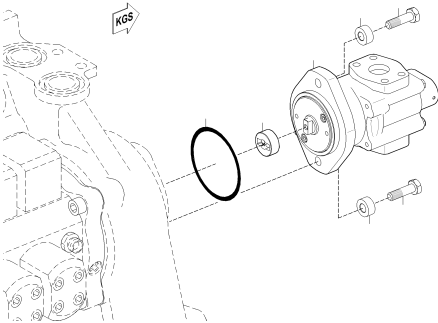
GROUP NAME

BOM-No.



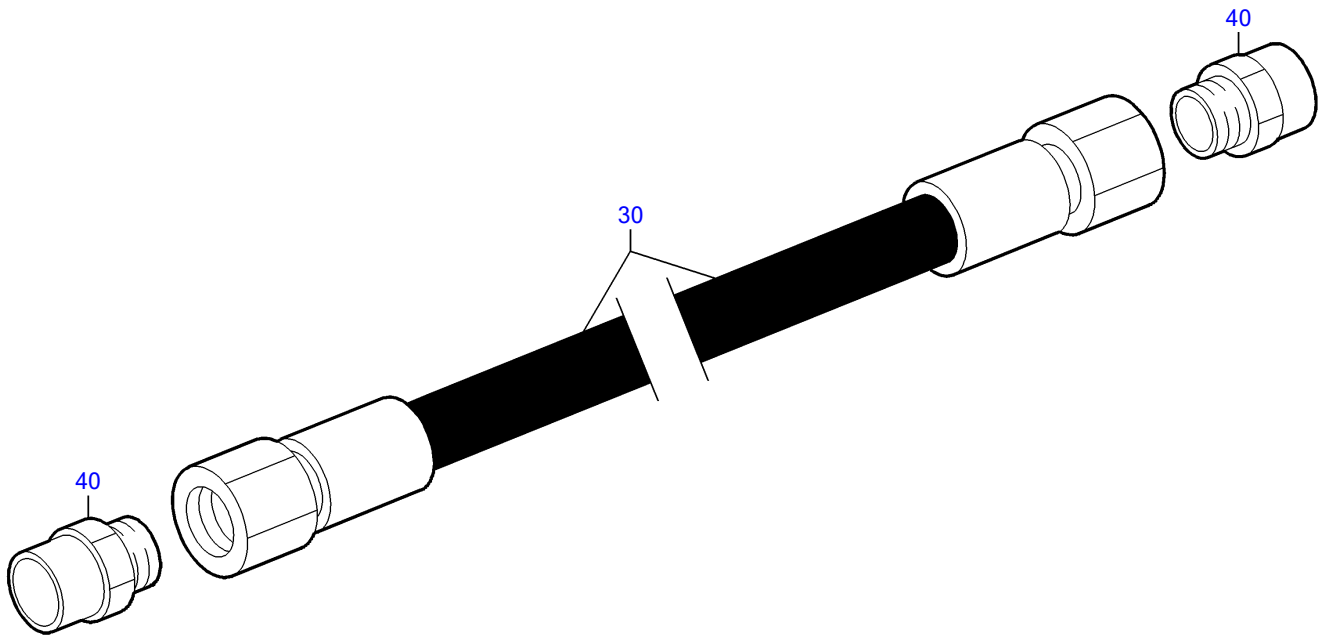
HOSE
XS595990.00056

20200807a



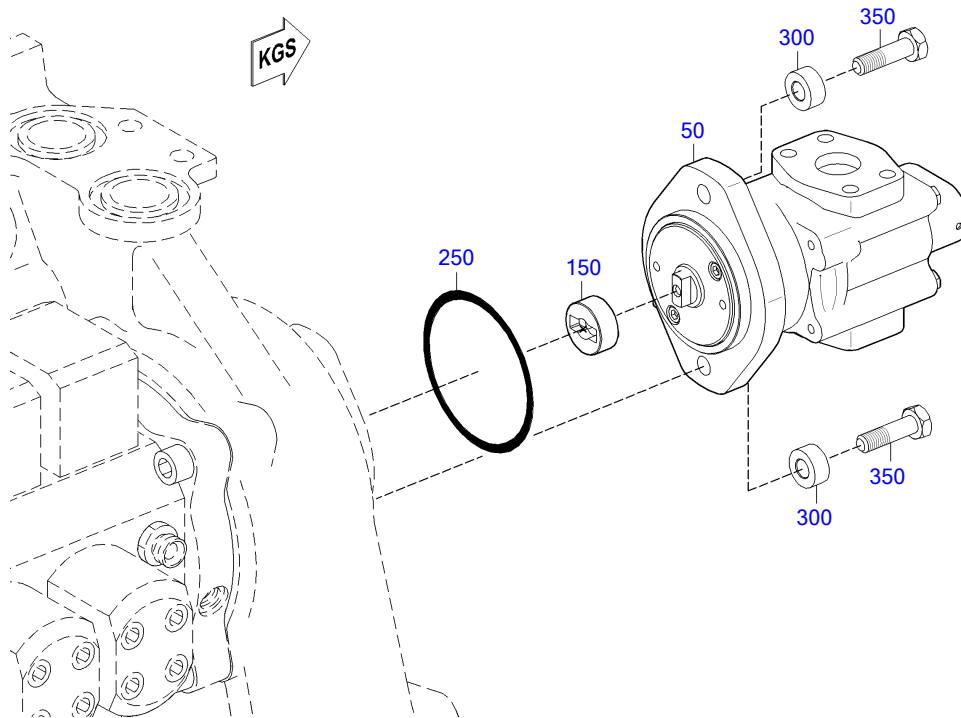
FUEL PUMP LOW PRESSURE
XS595080.00007

09100209a



20200807a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
30	X59599100145	HOSE	EATON 2807-16 400 MM LANG	1	PC	415 G		
40	718363220003	UNION		2	PC	68,600 G	22/M 30 X 1,5	MMN18363.2



08100269a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
50	X00040978	FUEL DELIVERY PUMP	1	PC	5,650 KG	EM		
150	X52408100007	LINK	1	PC	54 G			
250	700429083000	O-RING	1	PC			83 X 5	MMN429
300	735151010200	SPACER S2000/4000	2	PC	22,300 G	MN	B 10,5	MTN5151
350	000933010094	BOLT HEX	2	PC	32 G		M 10 X 40	DIN933

FUEL FILTER

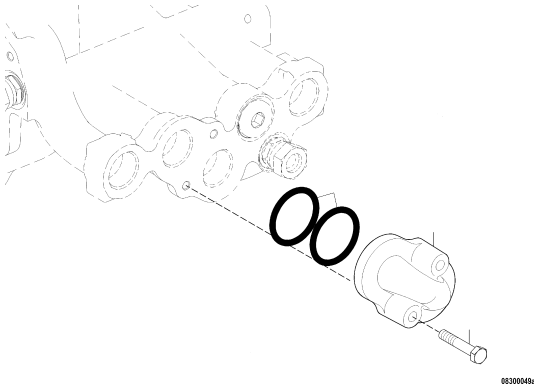
FG/FGS: 083

GROUP NUMBER (FG)

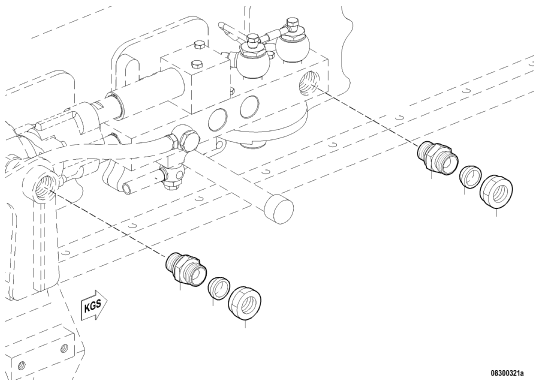
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BOM-No.

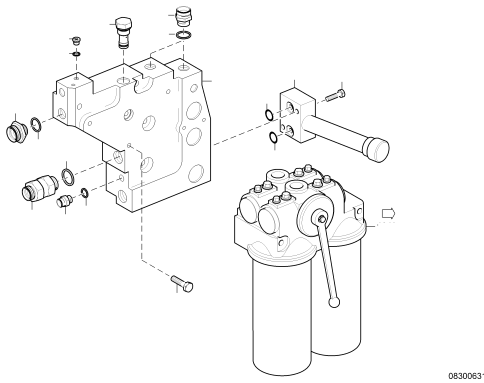
SEAL ELEM.
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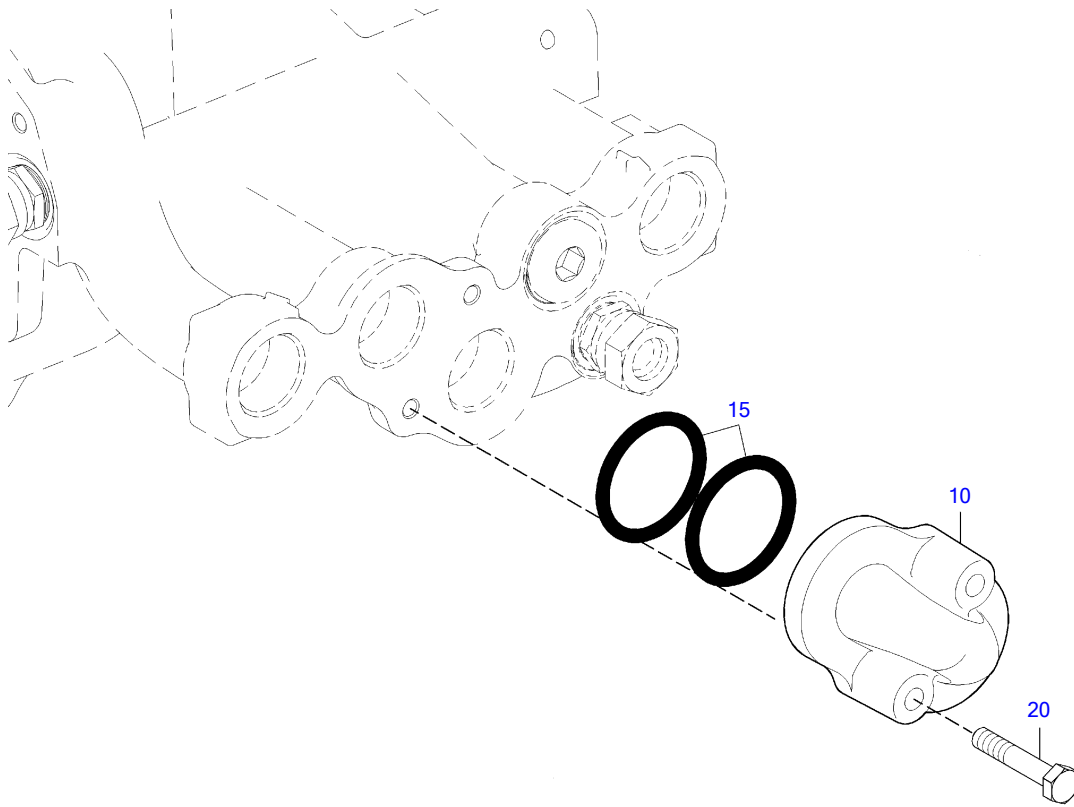


CONNECTING HARDWARE FOR FUEL LINE
080.00130



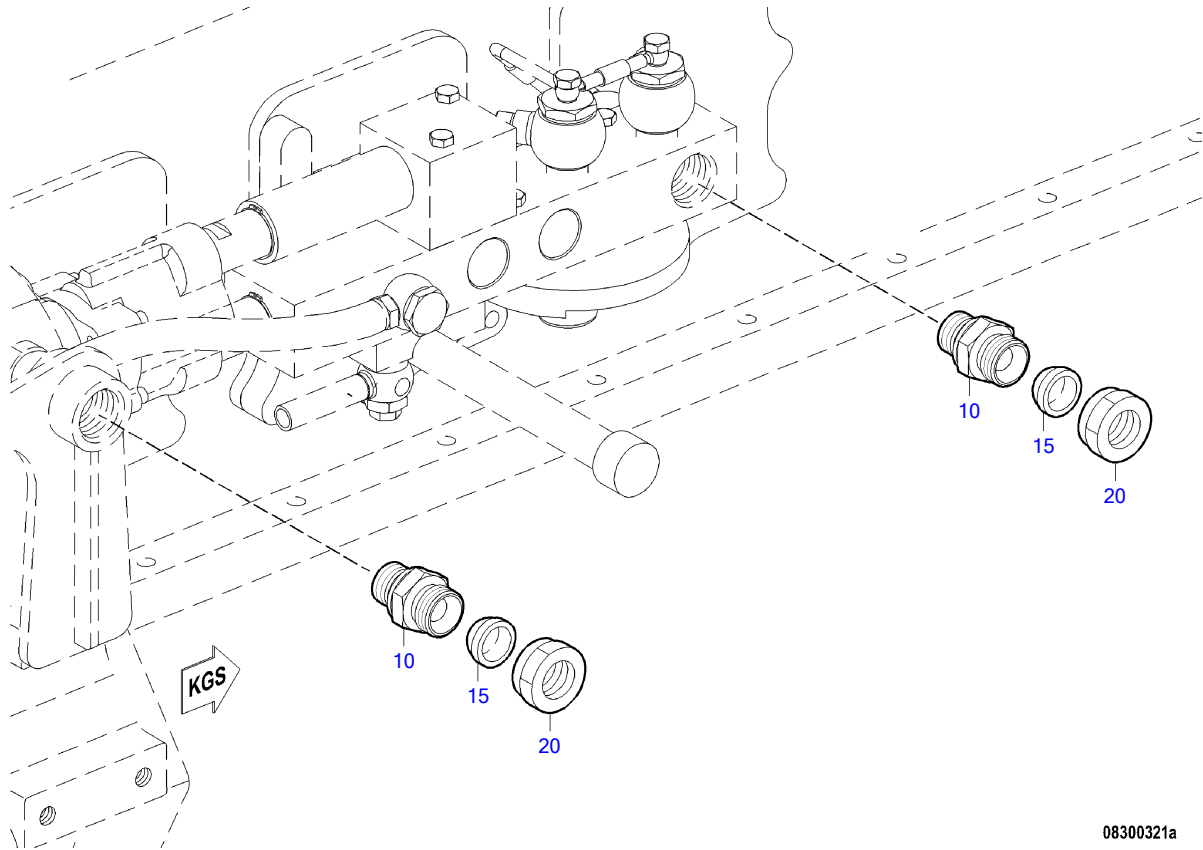
FUEL FILTER
XS596080.00009





08300049a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	5240920024	ELBOW FOR FUEL	1	PC			
15	700429042000	O-RING	2	PC	6,400 G	42 X 5	MMN429
20	304017008086	BOLT HEX A3C	2	PC	19,400 G	M 8 X 45	ISO4017



08300321a

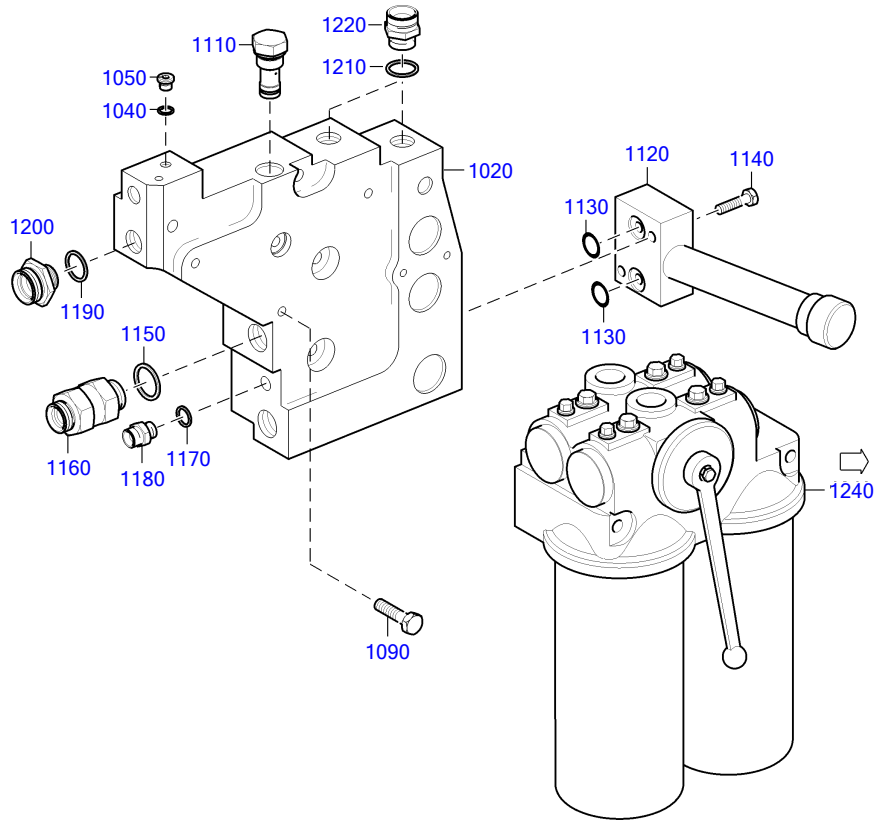
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	735211022001	UNION 22MM	1	PC	0,174 KG	22M 33 X 2	MTN5211
15	915003020202	BALL-TYPE UNION	1	PC		B2 -22	MBN15003
20	915001020003	NUT	1	PC	48 G	20 M 30 X 1,5	N15001

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
FUEL FILTER

SERIAL NUMBER: 527110243

FG/FGS: 083 05
BOM-No.: XS596080.00009



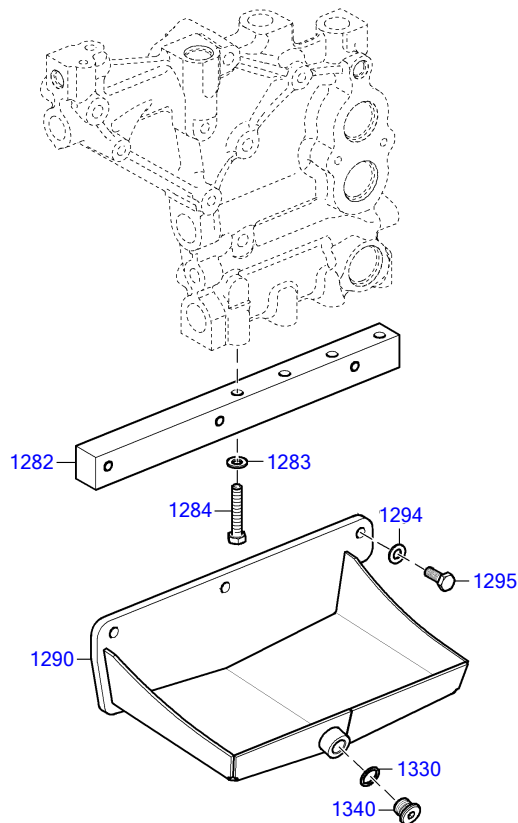
08300631

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
FUEL FILTER

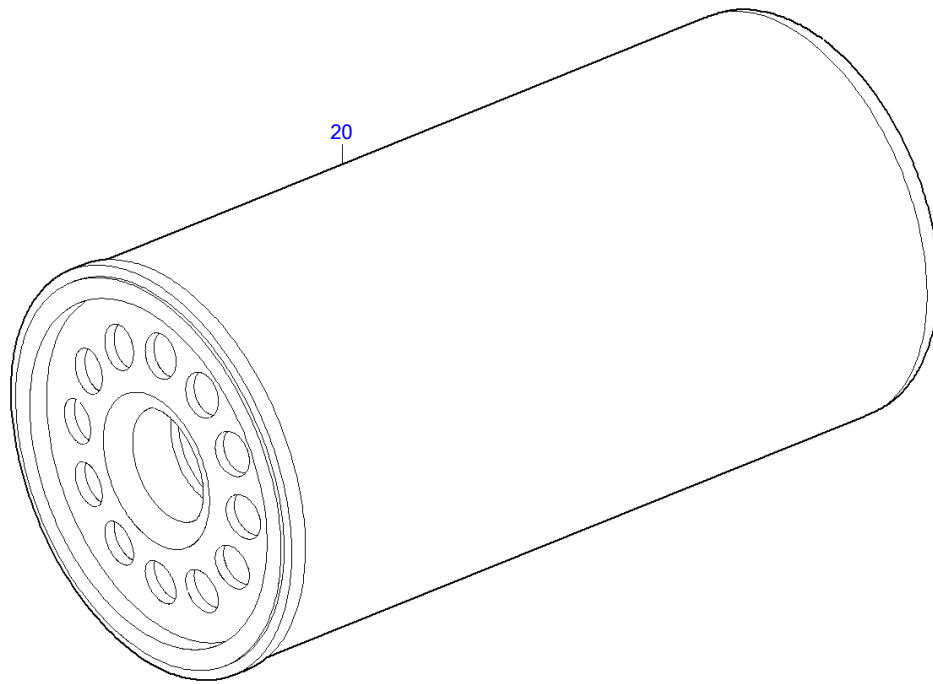
SERIAL NUMBER: 527110243

FG/FGS: 083 05
BOM-No.: XS596080.00009



08300632

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
1020	X59308300024	RETAINER	1	PC	9,490 KG			
1040	007603010110	WASHER A COP	5	PC	0,300 G		A 10 X 13,5	DIN7603
1050	000908010002	SCREWED PLUG	5	PC	6,800 KG		M 10 X 1	DIN908
1090	204017010026	HEX SCREW	4	PC	52,100 G		M 10 X 85	ISO4017
1110	X59308300012	VALVE WITH BAFFLE	1	PC	132 G			
1120	X52408100009	FUEL PRIMING PUMP	1	PC				
1130	700429016003	O-RING	2	PC	1 G		16 X 3	MMN429
1135	000125008427	WASHER	2	PC	1,500 G		A 8,4	DIN125
1140	304017008087	BOLT HEX	2	PC	4,263 G		M 8 X 50	ISO4017
1150	007603026101	WASHER A COP	1	PC	3,700 G		A 26 X 32	DIN7603
1160	735080018200	VALVE CHECK 0.2 BAR RHDK 18-L 0.2	1	PC	315 G		RHDK 18-L 0,2	MTN5080
1170	007603014102	COPPER SEALING RING	1	PC	1 G		A 14 X 18	DIN7603
1180	915013008002	SCREW NECK	1	PC	24 G		8 (M16X1,5/M14X1,5)	N15013
1190	007603022102	COPPER SEALING RING	1	PC	0,900 G		A 22 X 27	DIN7603
1200	915007020000	ADAPTOR	1	PC	84 G		20 / 13 (M30X1,5/M22X1,5)	N15007
1210	007603022102	COPPER SEALING RING	2	PC	0,900 G		A 22 X 27	DIN7603
1220	915013016002	UNION	2	PC			16	N15013
1240	X59308300034	FUEL FILTER	1	PC	17,300 KG	EM		
1282	X59608300027	MOUNTING PLATE	1	PC				
1283	000125008427	WASHER	4	PC	1,500 G		A 8,4	DIN125
1284	304017008086	BOLT HEX A3C	4	PC	19,400 G		M 8 X 45	ISO4017
1290	X59608300026	COLLECTING TROUGH	1	PC	2,900 KG			
1294	000125008427	WASHER	3	PC	1,500 G		A 8,4	DIN125
1295	304017008079	BOLT HEX	3	PC	12,370 G		M 8 X 20	ISO4017
1330	007603014102	COPPER SEALING RING	1	PC	1 G		A 14 X 18	DIN7603
1340	000908014001	THREAD PLUG	1	PC	16,100 KG		M 14 X 1,5	DIN908



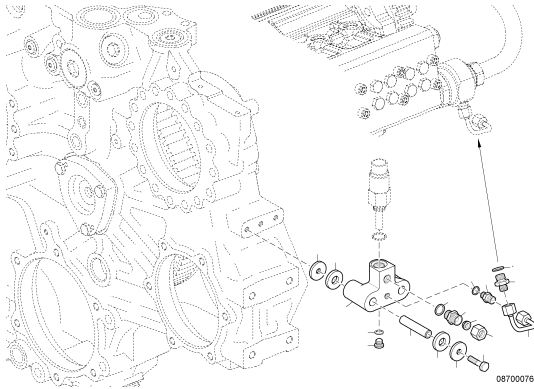
08300567a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
20	X59308300031	FUEL FILTER SPIN-ON	2	PC	1,300 KG

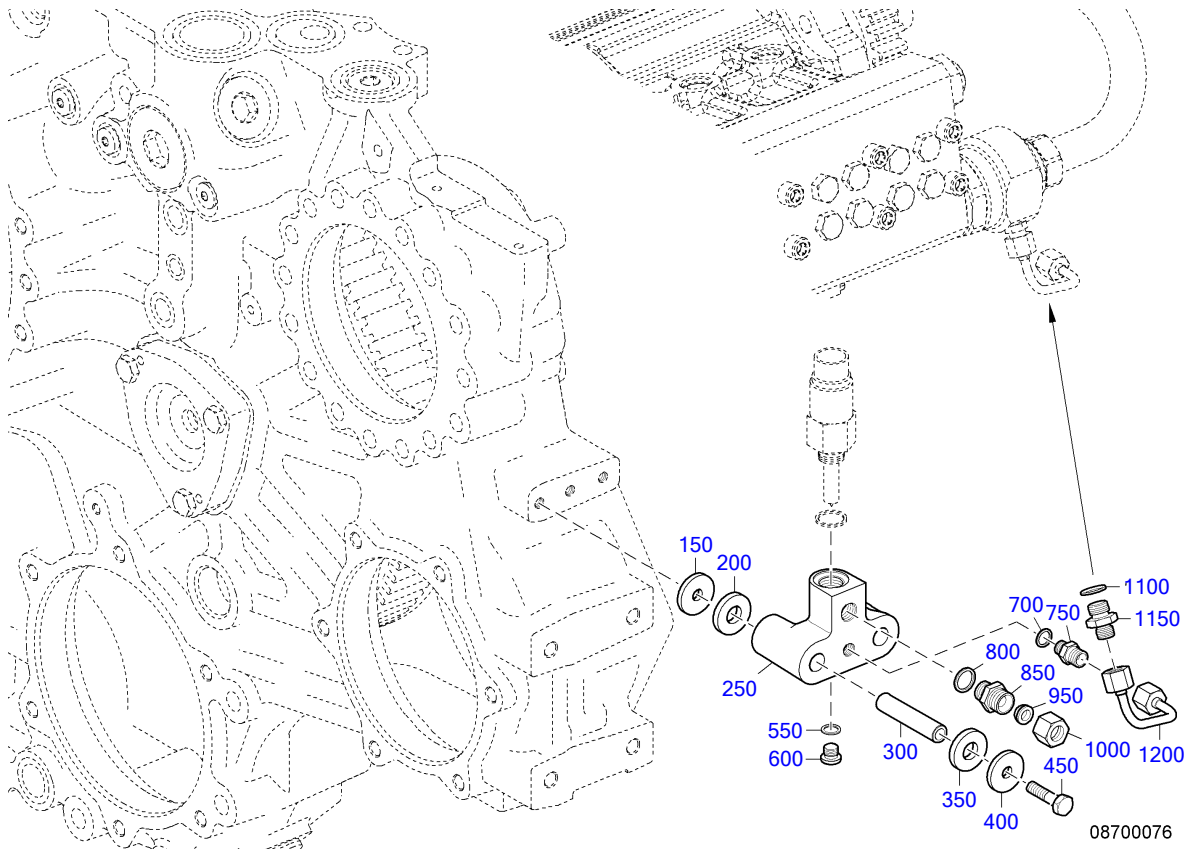
GROUP NUMBER (FG)

GROUP NAME

BOM-No.

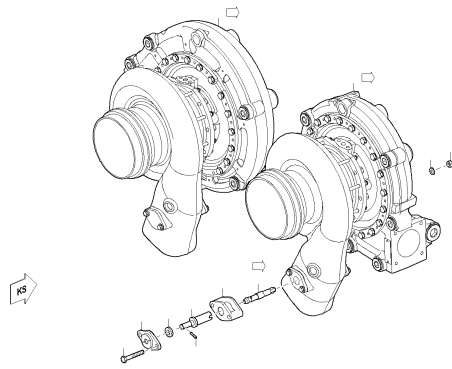


FUEL LEAK MONITORING
XS547080.00020



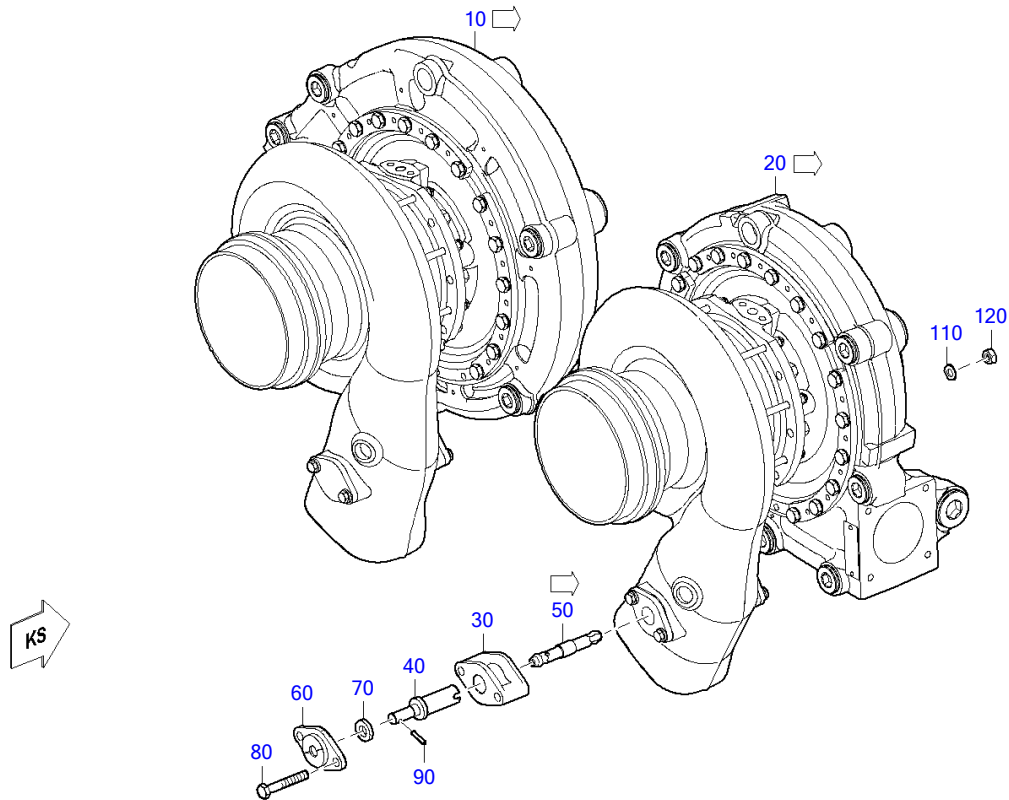
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
150	X59399100034	WASHER	2	PC	20 G			
200	X59399100051	DAMPER ELEMENT	2	PC	4 G		30X13X5 90SH	
250	X59308700006	LECKA-SENSORHOUSING	1	PC				
300	X59399100036	SPACER SLEEVE	2	PC	100 G		8,5 X 62	
350	X59399100051	DAMPER ELEMENT	2	PC	4 G		30X13X5 90SH	
400	X59399100034	WASHER	2	PC	20 G			
450	304014008032	BOLT HEX A3C S2000/4000	2	PC	35 G		M 8 X 80	ISO4014
550	007603010110	WASHER A COP	1	PC	0,300 G		A 10 X 13,5	DIN7603
600	000908010002	SCREWED PLUG	1	PC	6,800 KG		M 10 X 1	DIN908
700	007603010110	WASHER A COP	1	PC	0,300 G		A 10 X 13,5	DIN7603
750	915013004002	UNION	1	PC	14,220 G		4	N15013
800	007603014102	COPPER SEALING RING	1	PC	1 G		A 14 X 18	DIN7603
850	915006006002	UNION	1	PC	23,200 G		6	N15006
950	915005006000	CONE SEALING 8	1	PC	3,100 G		8	MBN15005
1000	915001006003	NUT	1	PC	12,500 G		6 M 14 X 1,5	N15001
1100	007603014102	COPPER SEALING RING	1	PC	1 G		A 14 X 18	DIN7603
1150	915007006003	CONNECTOR 6/4	1	PC	22,500 G		6 / 4 (M14X1,5/M12X1,5)	N15007
1200	X54708700001	FUEL LINE	1	PC		SB		

GROUP NUMBER (FG)
GROUP NAME
BOM-No.



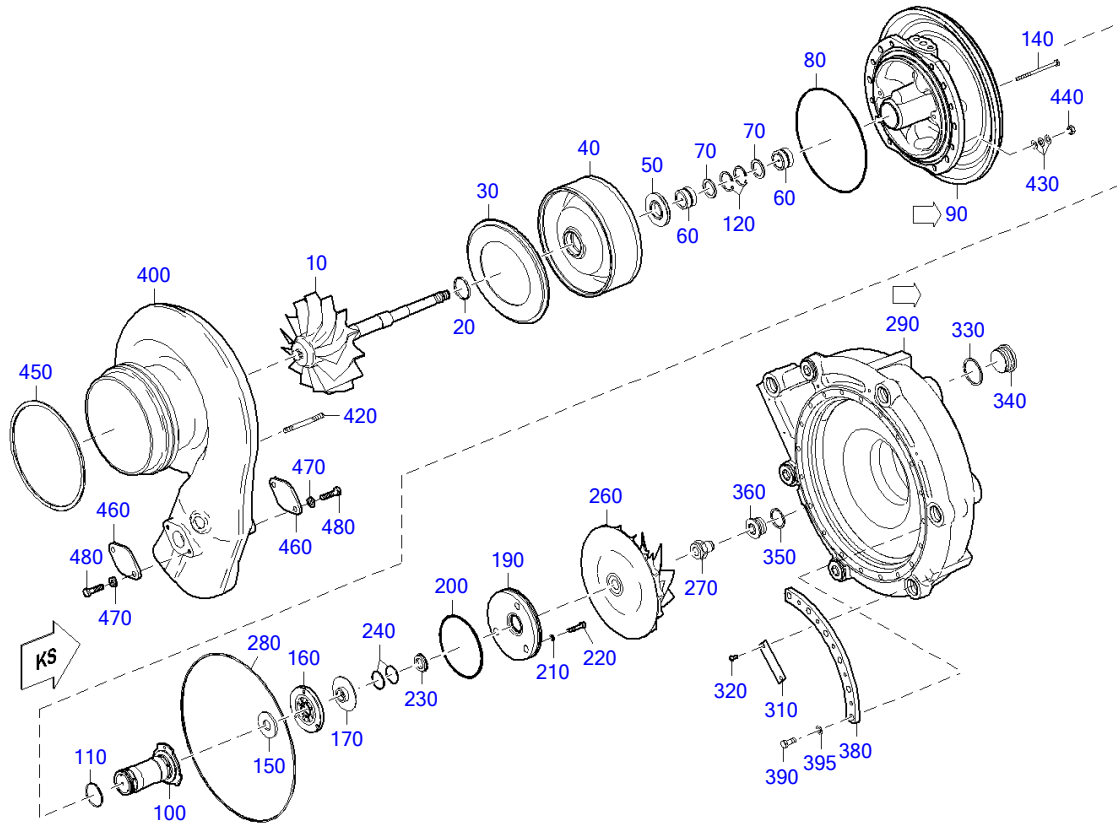
EXHAUST TURBOCHARGER
XS595100.00019

10102119a



10102119a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	X59510100077	EXHAUST TURBOCHARGER LEFT INACTIVE	ZR195	1	PC	104,073 KG	EM		
20	X59510100078	EXHAUST TURBOCHARGER RIGHT ACTIVE	ZR195	1	PC	93,700 KG	EM		
30	5261420250	BEARING BUSHING		1	PC				
40	5261420629	SHAFT		1	PC	208 G			
50	X59610100123	SHAFT		1	PC				
60	5261420060	FLANGE SEALING		1	PC				
70	5591420451	RING SEALING		1	PC	3,360 G			
80	304017010032	HEX SCREW		2	PC	43 G		M 10 X 65	ISO4017
110	000125010524	WASHER		12	PC	3,100 G		A 10,5	DIN125
120	000934010007	NUT HEX		12	PC	10,300 G		M 10	DIN934
140	RX59510100077	EXHAUST TURBOCHARGER LEFT INACTIVE	ZR195/091	1	PC	104,073 KG	MN EM		
150	RX59510100078	EXHAUST TURBOCHARGER RIGHT ACTIVE	ZR195/092	1	PC	93,700 KG	MN EM		
170	EX59510100077	EXHAUST TURBOCHARGER LEFT INACTIVE		1	PC		MN EM		
180	EX59510100078	EXHAUST TURBOCHARGER RIGHT ACTIVE		1	PC		MN EM		



10102118a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	5110805220	TURBINE WHEEL	180/23/153/83,9CM²	1	PC	5,700 KG	EM		
20	5110850560	RING SEAL	FUER ABGASTURBOLADER	1	PC	6,300 G			
30	5110813403	SHIELD HEAT TURBO		1	PC	1,360 KG			
40	5110821302	HOUSING COVER		1	PC	3,779 KG			
50	5110251976	WASHER	ZR205	1	PC	70,100 G			
60	X00016599	BEARING BUSHING		2	PC	72,900 G			
70	X59599100058	WASHER		2	PC	8 G			
80	700429185001	O-RING		1	PC	8,990 G	185 X 3		MMN429
90	X59610100159	BEARING HOUSING		1	PC	13,500 KG			
100	X59610100061	BEARING BODY		1	PC	429,200 G			
110	700429038002	O-RING		1	PC	0,940 G	38 X 2		MMN429
120	5119940041	RING SNAP		2	PC	2,900 G	34 X 1,5		DIN472
140	000000001781	HEX SCREW		2	PC	20,700 G	M 6 X 90		ISO4014
150	X00010427	WASHER		1	PC	71 G			
160	X59610100101	THRUST BEARING		1	PC				
170	X00010428	WASHER		1	PC	60 G			
190	X59610100232	RETAINING RING		1	PC	1,300 KG			
200	700429105001	O-RING		1	PC	7,520 G	105 X 3,5		MMN429
210	200433006400	WASHER		3	PC	0,700 G	6,4		DIN433
220	000912006028	SCREW		3	PC	7,970 G	M 6 X 30		DIN912
230	X00010426	RING CARRIER		1	PC	20,200 G			
240	5100850060	RING SEAL		2	PC	2 G			
260	X00041766	COMPRESSOR WHEEL	12V4000 -03	1	PC	3,122 KG	EM	130/11,2/205	
270	X00018307	MAGNETIC NUT	MM16-16L-2	1	PC	93 G		M16X1.5 LH	
280	0239978348	RING SEAL		1	PC	22,300 G			

EQUI TYPE: Engine

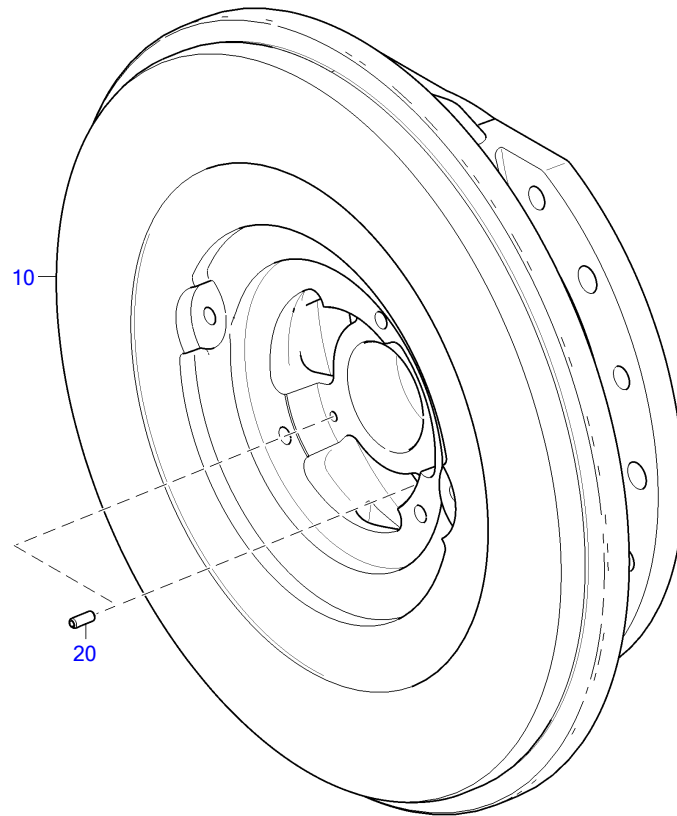
PRODUCT TYPE: 16V4000M23S
EXHAUST TURBOCHARGER LEFT INACTIVE

SERIAL NUMBER: 527110243

FG/FGS:

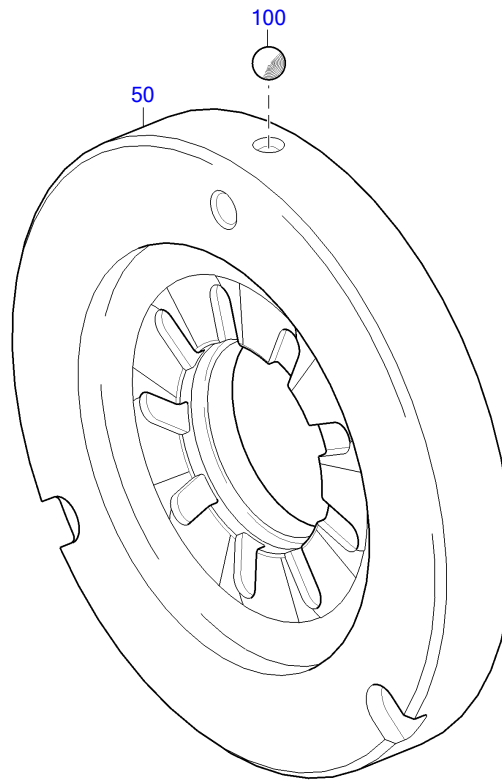
BOM-No.: X59510100077

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
290	X59410100034	COMPRESSOR HOUSING	A/R=2.36CM	1	PC	46,600 KG	EM		
310	700425000049	PLATE		1	PC	3,900 G	39		MMN425
320	215977003000	BLIND RIVET		2	PC	1 G	3X8		ISO15977
330	007603042101	COPPER SEALING RING		4	PC	8 G		A 42 X 49	DIN7603
340	000908042001	THREAD PLUG		4	PC	184 KG		M 42 X 1,5	DIN908
350	007603030101	COPPER SEALING RING		3	PC			A 30 X 36	DIN7603
360	000908030002	THREAD PLUG		3	PC	85,500 KG		M 30 X 1,5	DIN908
380	X59610100201	CLAMP FOR COMPR. HOUSING		3	PC				
390	000933010026	BOLT HEX		18	PC	24 G		M 10 X 22	DIN933
395	200433010501	WASHER		18	PC	2 G		10,5	DIN433
400	X59410100035	TURBINE HOUSING	A/R=3.3CM	1	PC	22 KG	EM		
420	200835008006	STUD		8	PC	33 G		M 8 X 75	DIN835
430	002093016100	WASHER A16		24	PC	1,030 G		A 16	DIN2093
440	5069900251	NUT		8	PC	6,600 G			
450	234110200000	PISTON RING, COMP.		1	PC	110 G		200 X 3,5 G7 KI KA	DIN34110
460	X52810100005	BLIND FLANGE		2	PC	185 G			
470	5379900140	WASHER		4	PC	5 G			
480	200933008016	BOLT AH HEX		4	PC	14,800 G		M 8 X 25	DIN933



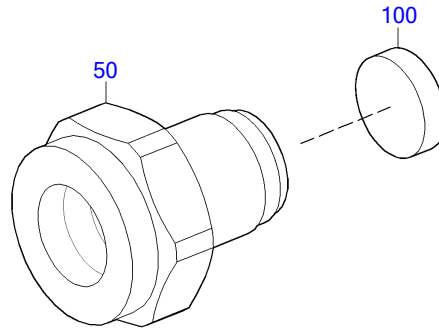
10000084a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	X59610100158	BEARING HOUSING	1	PC	14,385 KG		
20	001481004000	PIN SPRING	2	PC	0,650 G	4 X 10 - N	ISO8752



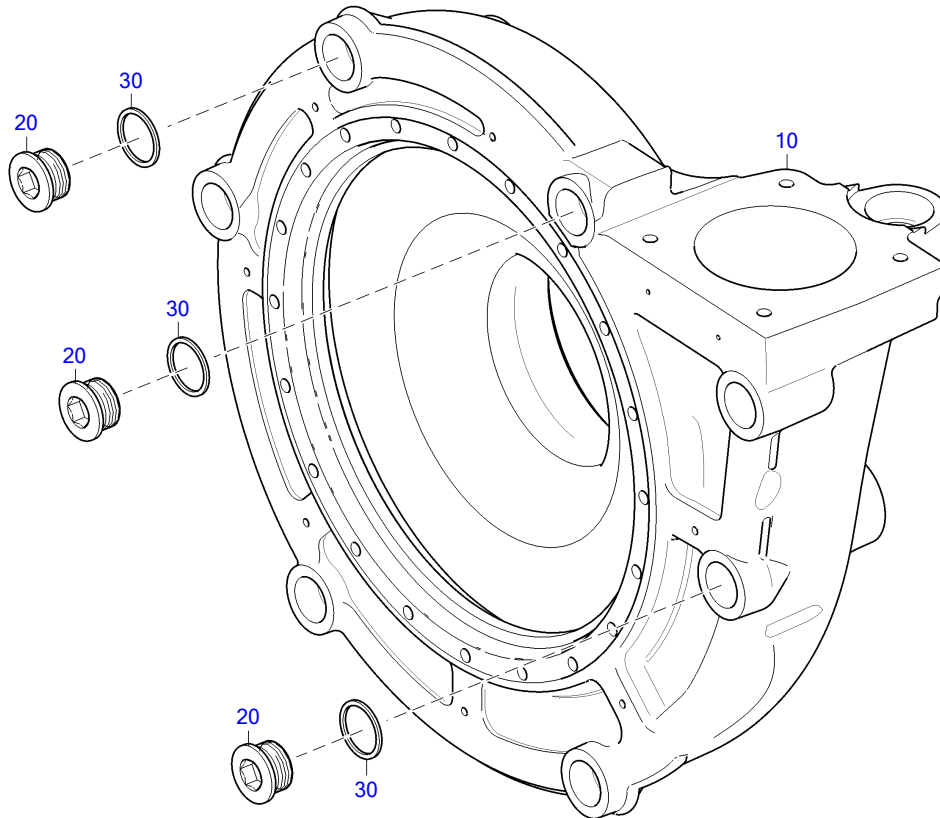
10101221a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	X59610100099	THRUST BEARING	1	PC			
100	005401304000	BALL	1	PC	0,300 G	4G20	DIN5401



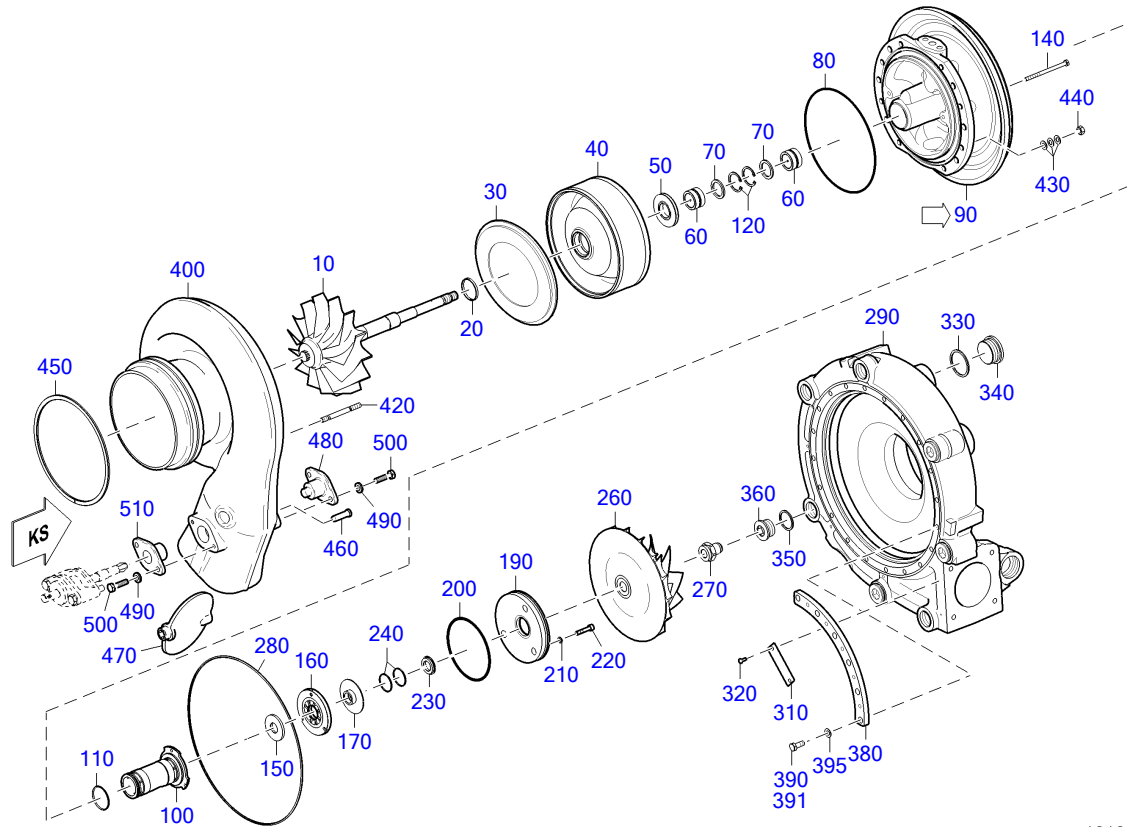
10100716b

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT
50	X00018306	MAGNETIC NUT	1	PC	87 G	M16X1.5 LH
100	0005595609	SOLENOID	1	PC		



10101238a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	X59410100033	COMPRESSOR HOUSING	A/R=2.36CM	1	PC		EM		
20	000908030002	THREAD PLUG		3	PC	85,500 KG		M 30 X 1,5	DIN908
30	007603030101	COPPER SEALING RING		3	PC			A 30 X 36	DIN7603



10101239a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	X00004664	TURBINE WHEEL	158/20/135/69CM²	1	PC	4,400 KG	SB EM		
20	5110850560	RING SEAL	FUER ABGASTURBOLADER	1	PC	6,300 G			
30	5110813403	SHIELD HEAT TURBO		1	PC	1,360 KG			
40	5110821302	HOUSING COVER		1	PC	3,779 KG			
50	5110251976	WASHER	ZR205	1	PC	70,100 G			
60	X00016599	BEARING BUSHING		2	PC	72,900 G			
70	X59599100058	WASHER		2	PC	8 G			
80	700429185001	O-RING		1	PC	8,990 G	185 X 3		MMN429
90	X59610100161	BEARING HOUSING		1	PC	14,593 KG			
100	X59610100061	BEARING BODY		1	PC	429,200 G			
110	700429038002	O-RING		1	PC	0,940 G	38 X 2		MMN429
120	5119940041	RING SNAP		2	PC	2,900 G	34 X 1,5		DIN472
140	000000001781	HEX SCREW		2	PC	20,700 G	M 6 X 90		ISO4014
150	X00010427	WASHER		1	PC	71 G			
160	X59610100101	THRUST BEARING		1	PC				
170	X00010428	WASHER		1	PC	60 G			
190	X59610100232	RETAINING RING		1	PC	1,300 KG			
200	700429105001	O-RING		1	PC	7,520 G	105 X 3,5		MMN429
210	200433006400	WASHER		3	PC	0,700 G	6,4		DIN433
220	000912006028	SCREW		3	PC	7,970 G	M 6 X 30		DIN912
230	X00010426	RING CARRIER		1	PC	20,200 G			
240	5100850060	RING SEAL		2	PC	2 G			
260	X59410100015	COMPRESSOR WHEEL	ZR175	1	PC	1,395 KG	EM	117/10.7/179	
270	X00018307	MAGNETIC NUT	MM16-16L-2	1	PC	93 G		M16X1.5 LH	
280	0239978348	RING SEAL		1	PC	22,300 G			

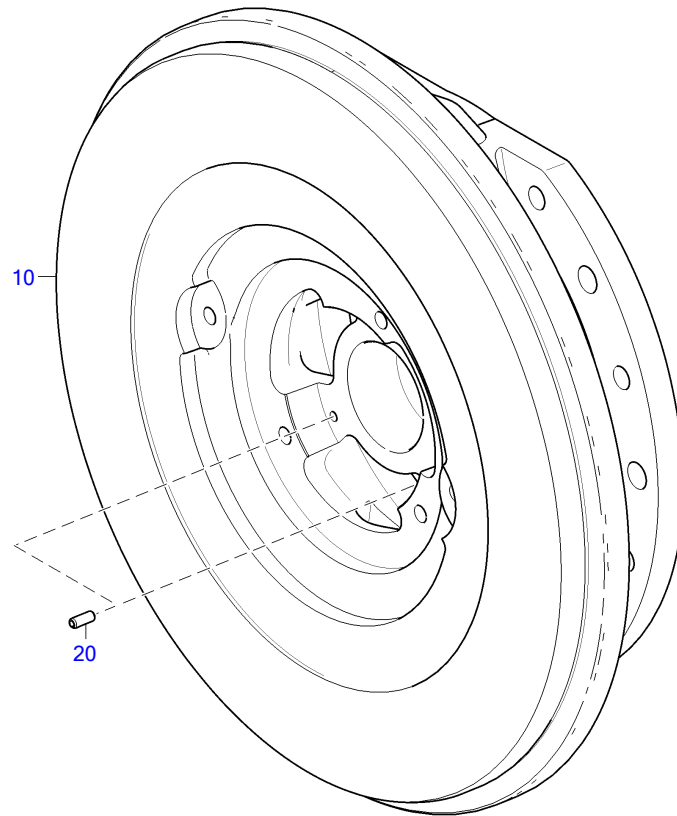
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
EXHAUST TURBOCHARGER RIGHT ACTIVE

SERIAL NUMBER: 527110243

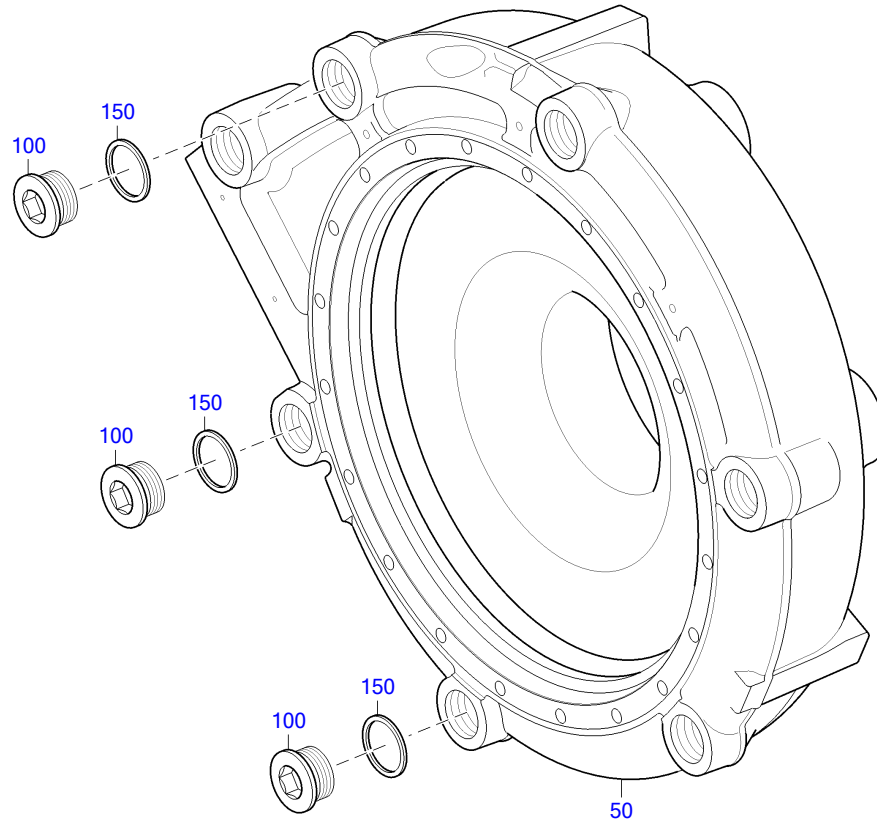
FG/FGS:
BOM-No.: X59510100078

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
290	X59410100084	COMPRESSOR HOUSING	A/R=1.91CM	1	PC	36,278 KG	EM	A/R=1.91CM	
310	700425000049	PLATE		1	PC	3,900 G		39	MMN425
320	215977003000	BLIND RIVET		2	PC	1 G		3X8	ISO15977
330	007603042101	COPPER SEALING RING		4	PC	8 G		A 42 X 49	DIN7603
340	000908042001	THREAD PLUG		4	PC	184 KG		M 42 X 1,5	DIN908
350	007603030101	COPPER SEALING RING		3	PC			A 30 X 36	DIN7603
360	000908030002	THREAD PLUG		3	PC	85,500 KG		M 30 X 1,5	DIN908
380	X59610100201	CLAMP FOR COMPR. HOUSING		3	PC				
390	000933010026	BOLT HEX		18	PC	24 G		M 10 X 22	DIN933
395	200433010501	WASHER		18	PC	2 G		10,5	DIN433
400	X00033650	TURBINE HOUSING	A/R=3,2CM; A=46.7CM2	1	PC	21,180 KG	EM		
420	200835008006	STUD		8	PC	33 G		M 8 X 75	DIN835
430	002093016100	WASHER A16		24	PC	1,030 G		A 16	DIN2093
440	5069900251	NUT		8	PC	6,600 G			
450	234110200000	PISTON RING, COMP.		1	PC	110 G		200 X 3,5 G7 KI KA	DIN34110
460	X52810100078	PIN		1	PC	23 G		13X35.5	
470	X59610100163	EXHAUST FLAP		1	PC		EM		
480	X00040708	BUSHING		1	PC	330 G			
490	5379900140	WASHER		4	PC	5 G			
500	200933008016	BOLT AH HEX		4	PC	14,800 G		M 8 X 25	DIN933
510	X00040711	BUSHING		1	PC	205 G			



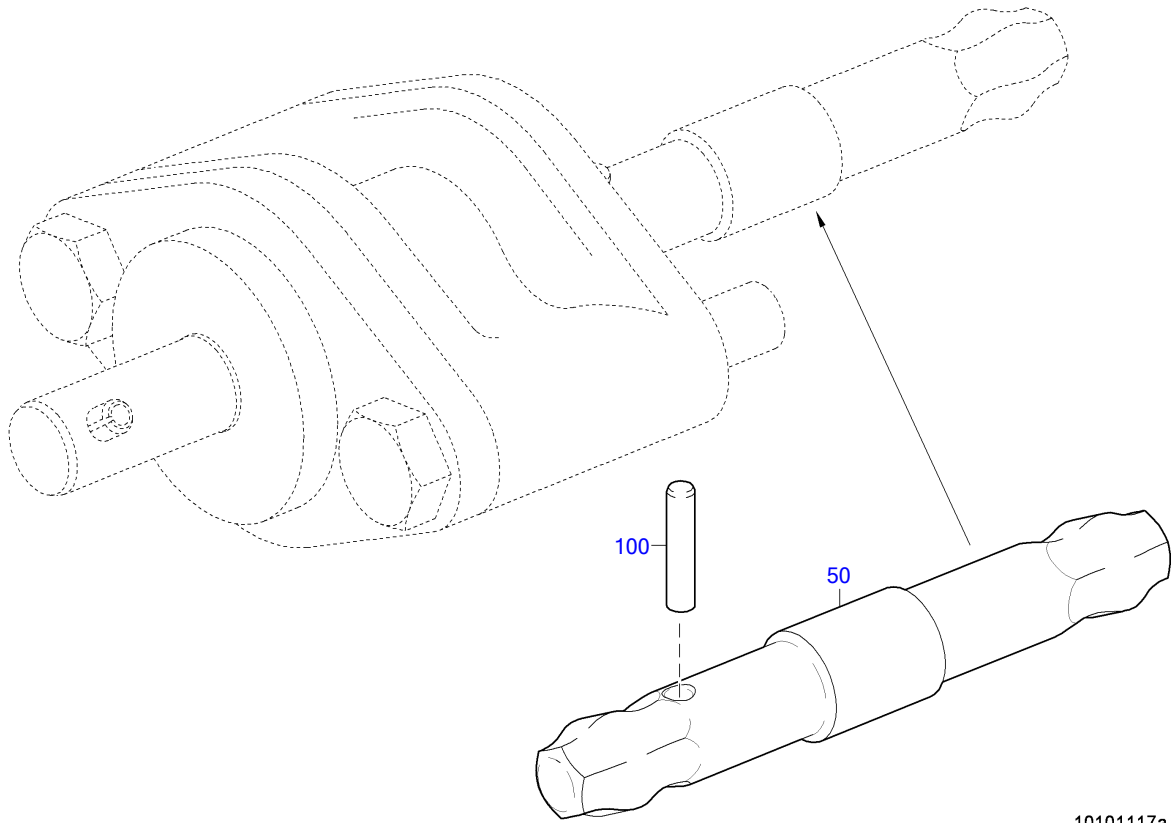
10000084a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	X59610100160	BEARING HOUSING	1	PC	14,592 KG		
20	001481004000	PIN SPRING	2	PC	0,650 G	4 X 10 - N	ISO8752



10101222a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
50	X59410100076	COMPRESSOR HOUSING	A/R=1.91CM	1	PC		EM	A/R=1.91CM	
100	000908030002	THREAD PLUG		3	PC	85,500 KG		M 30 X 1,5	DIN908
150	007603030101	COPPER SEALING RING		3	PC			A 30 X 36	DIN7603



POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
50	X59610100122	SHAFT	1	PC	
100	5269970010	PIN DOWEL	1	PC	4,500 G

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CHARGE AIR COOLING, GENERAL, LEFT SIDE

SERIAL NUMBER: 527110243
FG/FGS: 111

GROUP NUMBER (FG)

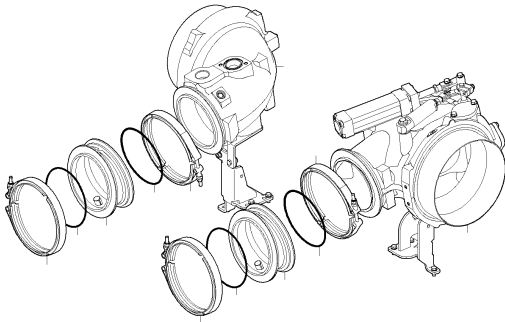
GROUP NAME

BOM-No.

INTERCOOLER
XS594110.00041

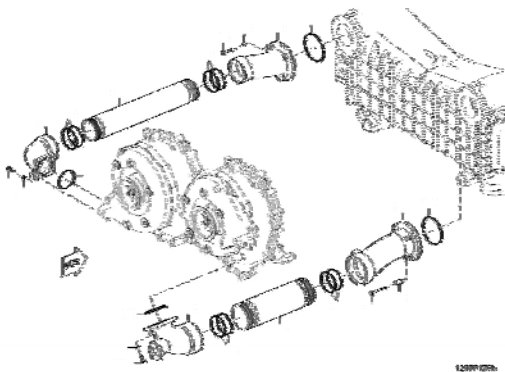
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
150	X59511400012/87	INTERCOOLER WITH TEST CERT. 3.1	1	PC		EM		
250	5240980730	BRACKET	1	PC	11,700 KG			
300	5240980830	BRACKET	1	PC	11,740 KG			
400	000000002276	HEX SCREW	6	PC	173 G		M 16 X110	ISO4017
450	5249900140	WASHER	6	PC	13,250 G			
550	5249901901	BOLT LRG FLG HEX HD	2	PC				
600	5249900304	BOLT HVY HEX FLG S4000/S60	4	PC			M12 X 65	
700	X59611400014	SUPPORT FOR INTERCOOLER	1	PC				
800	200433010501	WASHER	6	PC	2 G		10,5	DIN433
900	304017010032	HEX SCREW	6	PC	43 G		M 10 X 65	ISO4017
1000	000939012031	STUD	8	PC			M 12 X 45	DIN939
1050	000000004744	HEX NUT	8	PC	32 G		M 12	ISO4032
1150	5240983015	ELBOW	1	PC	6,200 KG	EM	KRÜMMER LINKE SEITE	
1200	735210014000	THREAD PLUG	2	PC	19,100 KG		M 14 X 1,5	MTN5210
1220	735210018000	PLUG	1	PC	35,800 KG		M 18 X 1,5	MTN5210
1300	5240983115	ELBOW	1	PC	4,500 KG	EM	KRÜMMER RECHTE SEITE	
1350	735210014000	THREAD PLUG	2	PC	19,100 KG		M 14 X 1,5	MTN5210
1400	735210018000	PLUG	1	PC	35,800 KG		M 18 X 1,5	MTN5210
1420	700429140000	O-RING	1	PC	51 G		140 X 8	MMN429
1500	5269970045	SEAL RING (SQUARE CUT) CAC OUTLET	2	PC	16,390 G			
1550	204017012009	HEX SCREW	8	PC	45 G	MN	M 12 X 40	ISO4017
1600	735151012100	SPACER S2000/4000	8	PC	20 G		A 12,5	MTN5151
1650	EX59511400012/87	INTERCOOLER WITH TEST CERT. 3.1	1	PC	516 KG	MN EM		

GROUP NUMBER (FG)
GROUP NAME
BOM-No.



AIR SYSTEM BEFORE TURBOCHARGER
XS526120.00050

12300518a



AIR PIPING BEFORE INTERCOOLER
XS595120.00024

12300518b

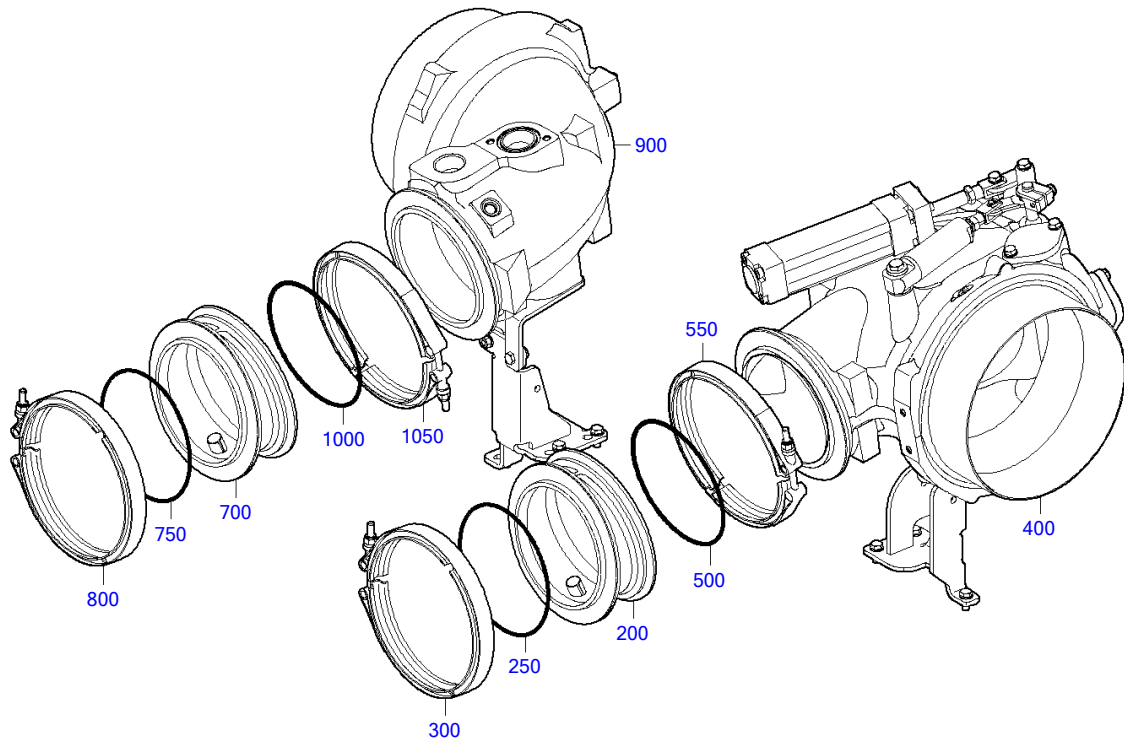
DIVERTER VALVE
XS595120.00043

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
AIR SYSTEM BEFORE TURBOCHARGER

SERIAL NUMBER: 527110243

FG/FGS: 120 00
BOM-No.: XS526120.00050



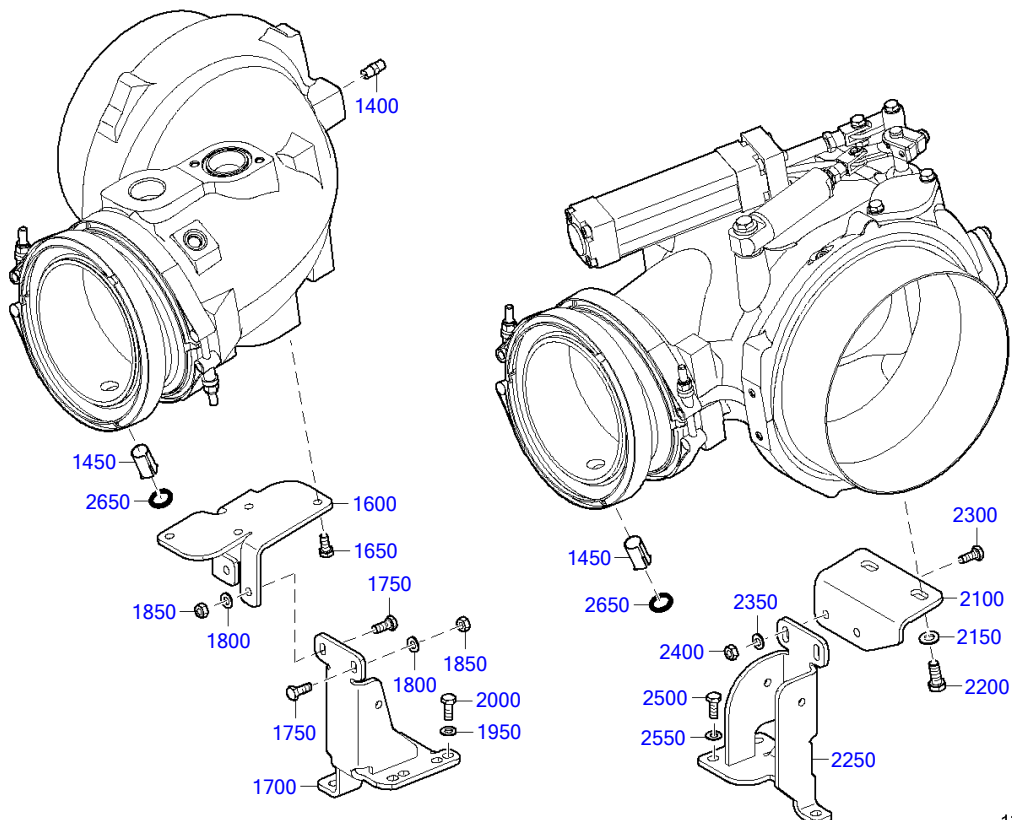
12300518a

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
AIR SYSTEM BEFORE TURBOCHARGER

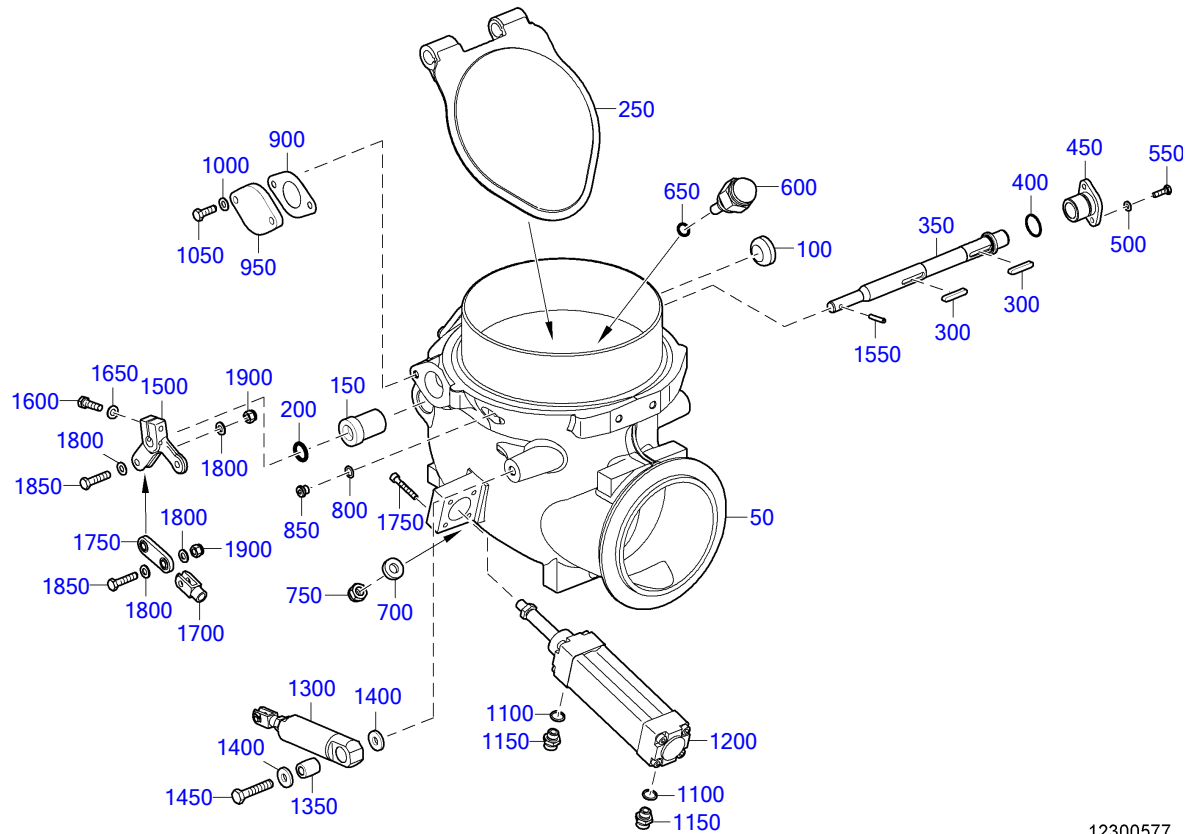
SERIAL NUMBER: 527110243

FG/FGS: 120 00
BOM-No.: XS526120.00050



12300519a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
200	X52612300083	REDUCER		1	PC		EM		
250	700429160001	O-RING		1	PC	14 G		160 X 4	MMN429
300	0049978190	CLAMP		1	PC	601 G			
400	X52612300097	INTAKE HOUSING		1	PC	16,740 KG	EM		
500	700429160001	O-RING		1	PC	14 G		160 X 4	MMN429
550	0049978190	CLAMP		1	PC	601 G			
700	X52612300083	REDUCER		1	PC		EM		
750	700429160001	O-RING		1	PC	14 G		160 X 4	MMN429
800	0049978190	CLAMP		1	PC	601 G			
900	X52612300106	INTAKE HOUSING	HORIZONTAL	1	PC	7,880 KG	EM		
1000	700429160001	O-RING		1	PC	14 G		160 X 4	MMN429
1050	0049978190	CLAMP		1	PC	601 G			
1400	0009973375	ADAPTER FITTING W/SINTERED FLTR		1	PC	13 G			
1450	3555420273	BUSHING FOR SPEED SENSOR		2	PC	6,180 G			
1470	700429015001	O-RING		2	PC			15,5 X 4,5	MMN429
1600	X59599100100	RETAINER		1	PC	855 G			
1650	204017008009	BOLT		4	PC	11 G		M 8 X 18	ISO4017
1700	X59599100099	RETAINER		1	PC	2,500 KG			
1750	304017008083	BOLT HEX A3C		2	PC	15 G		M 8 X 30	ISO4017
1800	007349008002	WASHER		4	PC	8,300 G	8,4		DIN7349
1850	304032008014	NUT HEX 8 A3C		2	PC	4,800 G	M 8		ISO4032
1950	007349008002	WASHER		4	PC	8,300 G	8,4		DIN7349
2010	304017008081	HEX BOLT		4	PC	13,500 G		M 8 X 25	ISO4017
2100	X59599100101	RETAINER		1	PC	1,115 KG			
2150	007349010002	WASHER		2	PC	11 G		10,5	DIN7349
2200	000000001464	BOLT HEX A3C		2	PC	25 G		M 10 X 30	ISO4017
2250	X59599100142	RETAINER		1	PC	3,514 KG			
2300	304017008083	BOLT HEX A3C		2	PC	15 G		M 8 X 30	ISO4017
2350	007349008002	WASHER		4	PC	8,300 G	8,4		DIN7349
2400	304032008014	NUT HEX 8 A3C		2	PC	4,800 G	M 8		ISO4032
2500	304017008081	HEX BOLT		3	PC	13,500 G		M 8 X 25	ISO4017
2550	007349008002	WASHER		5	PC	8,300 G	8,4		DIN7349
2600	304017008083	BOLT HEX A3C		2	PC	15 G		M 8 X 30	ISO4017
2650	5900942853	SPACER SLEEVE		2	PC	6,100 G			



12300577

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
50	X52612300096	INTAKE HOUSING	HORIZONTAL/GESCHALTET	1	PC	8,800 KG	EM		
100	700088036000	PLUG		1	PC	16,830 G	36		MMN88
150	5350980050	BUSHING		1	PC	187,500 G			
200	700429018005	O-RING		1	PC	1,900 G	18 X 4		MMN429
250	5240900265	FLAP		1	PC	1,268 KG			
300	006885006045	KEY WOODRUFF A		1	PC		A 6 X 6 X 36		DIN6885
325	206885006000	KEY		1	PC		A 6 X 6 X 40		DIN6885
350	X59499100582	SHAFT		1	PC	0,600 KG			
400	700429025001	O-RING		1	PC	1 G	25 X 2,5		MMN429
450	5590981750	FLANGE		1	PC	190 G			
500	000125006431	WASHER		2	PC	0,900 G	A 6,4		DIN125
550	000000001444	BOLT HEX A3C		2	PC	6 G	M 6 X 20		ISO4017
600	X00034972	STOP		1	PC	355 G			
650	700429012004	O-RING		1	PC	0,840 G	12 X 3		MMN429
700	735151012100	SPACER S2000/4000		1	PC	20 G	A 12,5		MTN5151
750	999900012000	NUT		1	PC	19 G	M 12		AGGN14440
800	007603010112	SEALING RING		1	PC	0,730 G	A 10 X 15		DIN7603
850	000908010002	SCREWED PLUG		1	PC	6,800 KG	M 10 X 1		DIN908
900	X00014409	GASKET		2	PC	4,400 G			
950	5592030286	COVER		2	PC				
1000	000125008427	WASHER		4	PC	1,500 G	A 8,4		DIN125
1050	304017008081	HEX BOLT		4	PC	13,500 G	M 8 X 25		ISO4017
1100	007603014102	COPPER SEALING RING		2	PC	1 G	A 14 X 18		DIN7603
1150	700419999021	SCREW-FITTING UNION		2	PC	25 G	10 G 1/4 A		MMN419
1200	X56912300043	ACTUATING CYLINDER		1	PC	1,300 KG			

EQUI TYPE: Engine

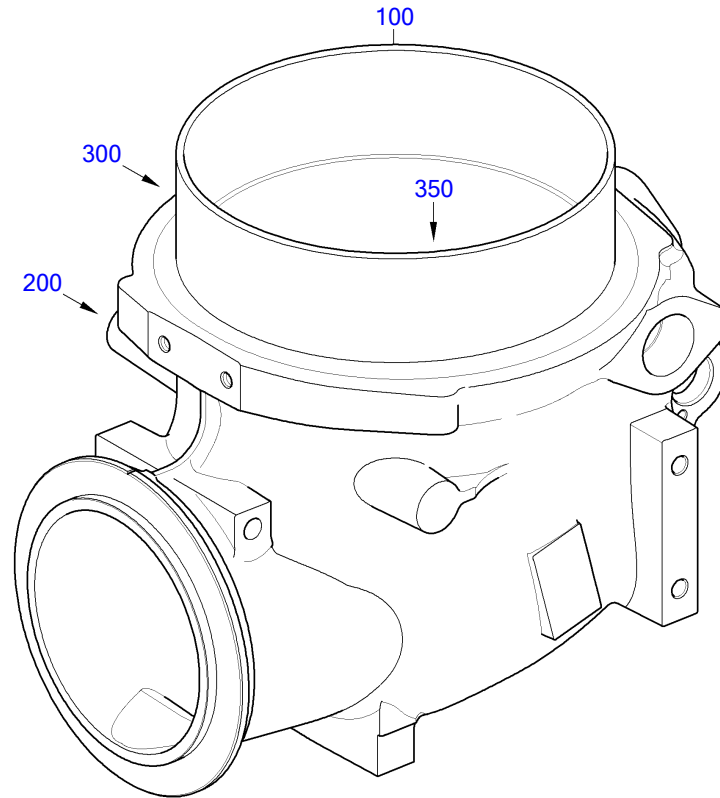
PRODUCT TYPE: 16V4000M23S
INTAKE HOUSING

SERIAL NUMBER: 527110243

FG/FGS: 120 00

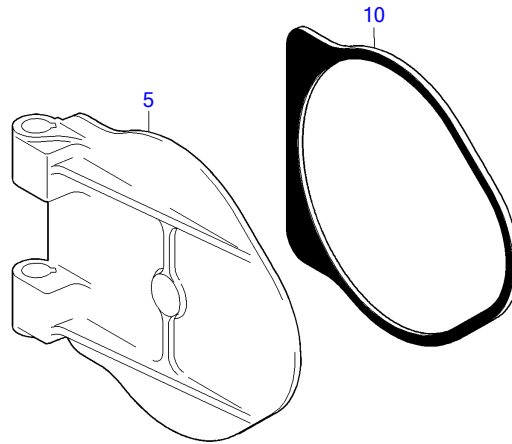
BOM-No.: X52612300097

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
1250	000912006031	SCREW		4	PC	10,260 G		M 6 X 40	DIN912
1300	5260900009	CYLINDER	BR4000	1	PC				
1350	5360980250	BUSHING		1	PC				
1400	007349010002	WASHER		2	PC	11 G		10,5	DIN7349
1450	000000003693	HEX SCREW		1	PC	36,200 G		M 10 X 50	ISO4017
1500	X59612300026	LEVER		1	PC				
1550	001481005004	SPRING PIN		1	PC			5 X 28 - N	ISO8752
1600	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
1650	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125
1700	X00041795	CLEVIS		1	PC	40,600 G			
1750	5361400146	ROD		1	PC	66 G			
1800	000125008427	WASHER		4	PC	1,500 G		A 8,4	DIN125
1850	304017008084	BOLT HEX A3C		2	PC	16,565 G		M 8 X 35	ISO4017
1900	5069900251	NUT		2	PC	6,600 G			



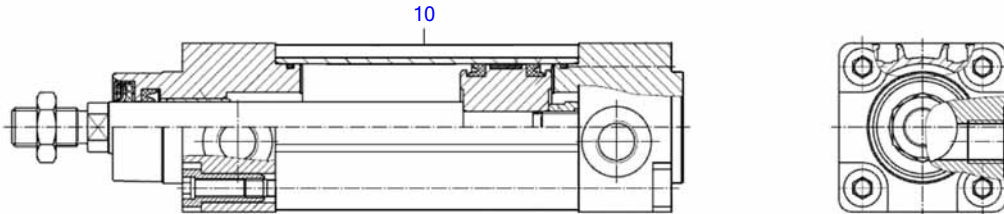
12300581

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN
100	X52612300095	INTAKE HOUSING	HORIZONTAL/GESCHALTET	1	PC	8,800 KG	EM



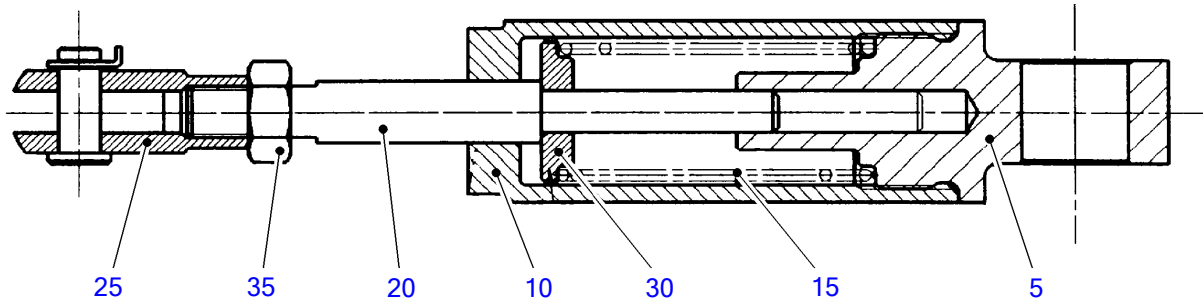
12300103a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
5	5240980010	FLAP	1	PC	1,288 KG
10	5249870051	FLAP SEAL	1	PC	



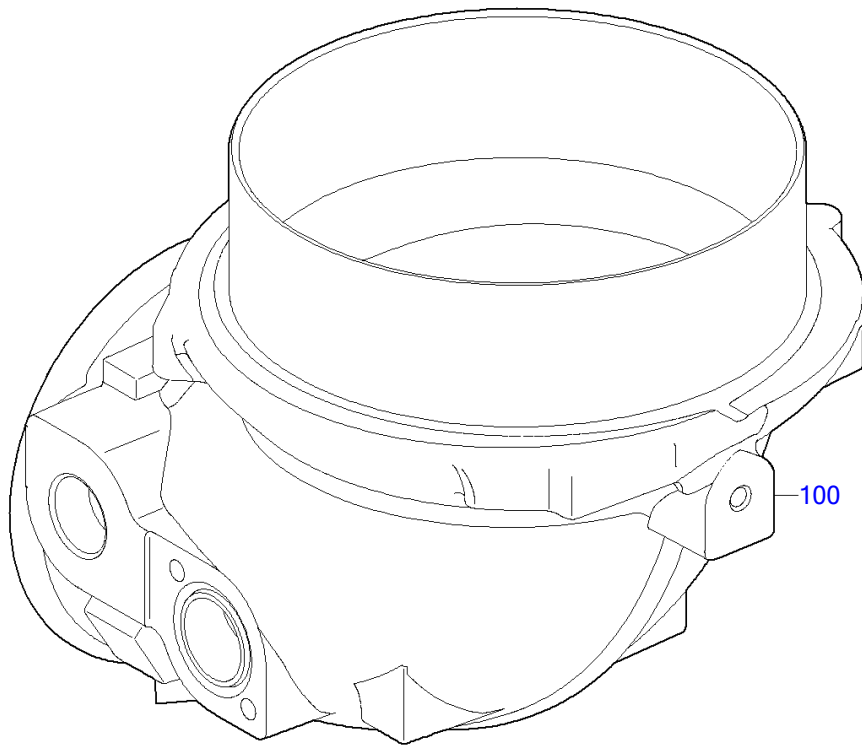
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POS.	PART NO.	DESIGNATION	QTY.	UNITS
10	XP56900600007	PARTS KIT	1	PC



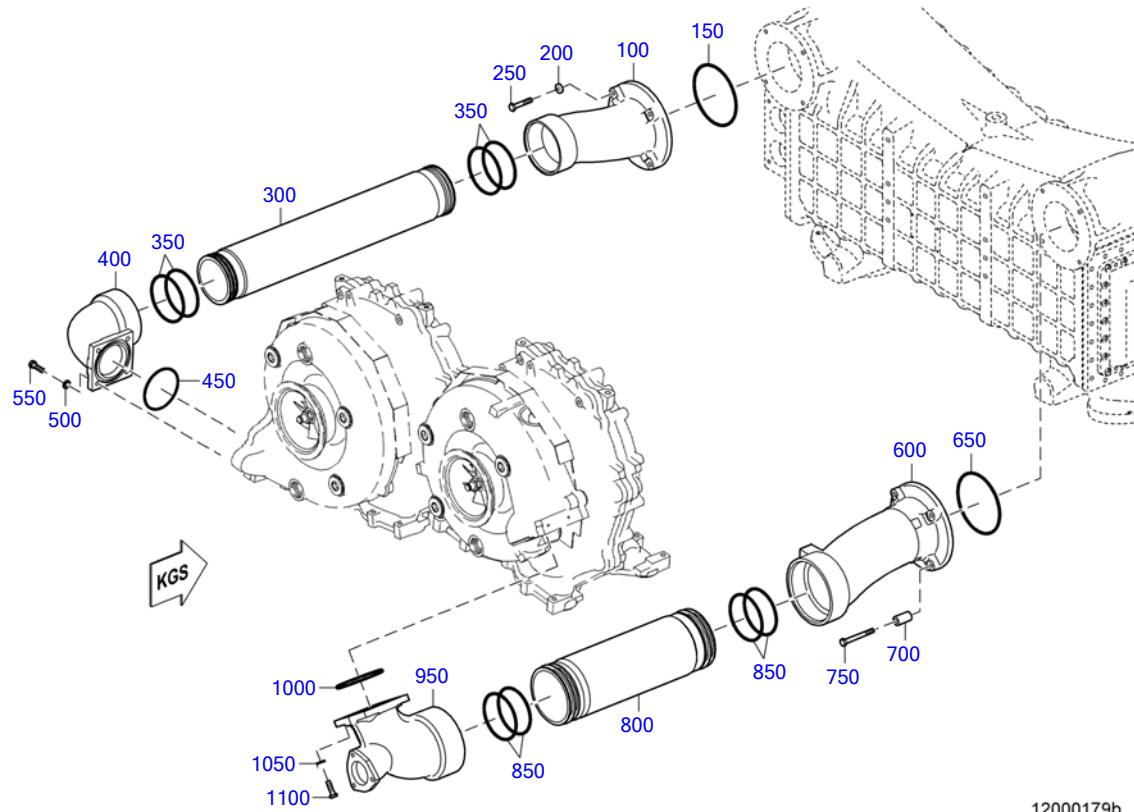
03700421a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
5	5360980032	PISTON GUIDE		1	PC	236 G		
10	5360980018	CYLINDER		1	PC	233 G		
15	5269930101	PRESSURE SPRING	4000	1	PC	18 G		
20	5360980090	ROD		1	PC	71,900 G		
25	0009963401	CLEVIS		1	PC	45 G		
30	5360980176	WASHER		1	PC	18 G		
35	000934010005	NUT HEX		1	PC	10,720 G	M 10	DIN934



12300515a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN
100	X52612300105	INTAKE HOUSING	HORIZONTAL	1	PC	8 KG	EM

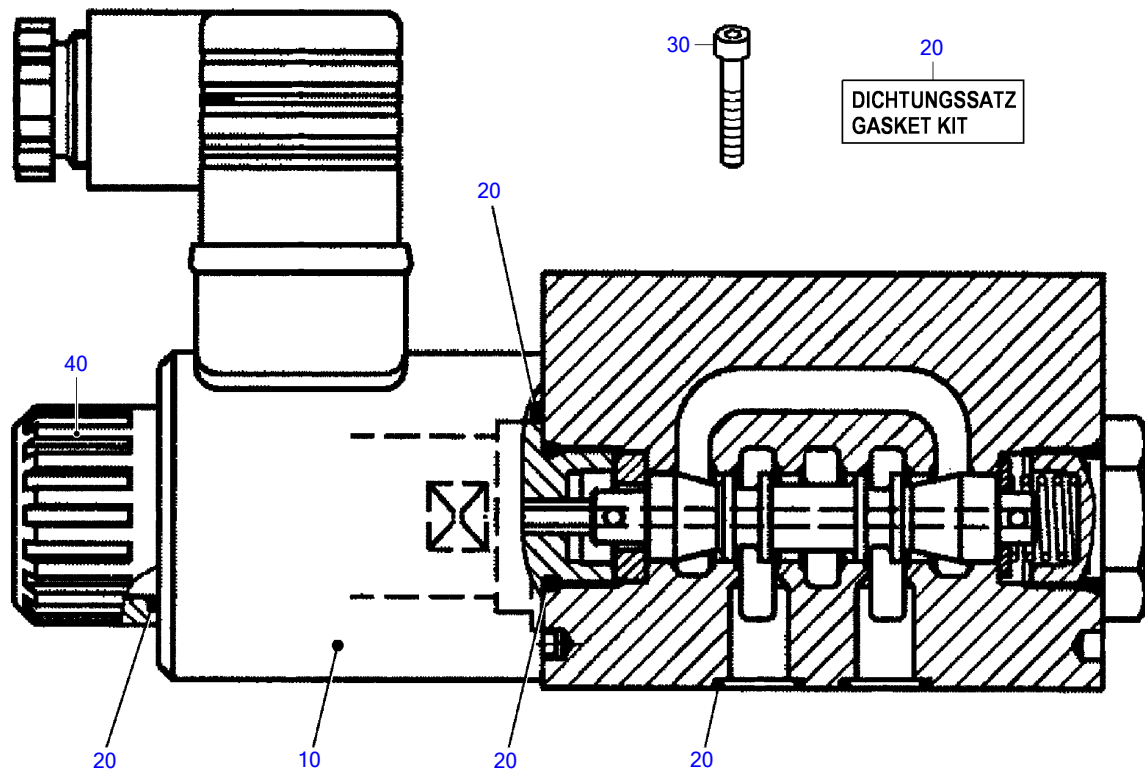


12000179b

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
100	X00008876	ELBOW		1	PC	3,260 KG	EM		
150	X59499100165	SEALING RING		1	PC	17,700 G		147 X 5	
200	735151010100	SPACER		4	PC	11 G		A 10,5	MTN5151
250	204014010001	HEX SCREW		4	PC	39,500 G		M 10 X 55	ISO4014
300	X59512500017	PLUG-IN PIPE		1	PC	7 KG			
350	X00009934	O-RING		4	PC	19 G		110 X 6	
400	X59412500025	ELBOW F/TURBOCHARGER,RIGH		1	PC	5,220 KG	EM		
450	X59499100160	O-RING		1	PC	13,400 G		100 X 5	
500	000125010524	WASHER		4	PC	3,100 G		A 10,5	DIN125
550	000000003326	HEX SCREW		4	PC	28,180 G		M 10 X 35	ISO4017
600	5260900328	ELBOW	4000LH	1	PC	5,025 KG			
650	X59499100165	SEALING RING		1	PC	17,700 G		147 X 5	
700	8351530053	SPACER TUBE		2	PC	82 G			
730	X59499100221	BUSHING		2	PC	0,074 KG			
750	000000003510	HEX SCREW		4	PC	66 G		M 10 X 90	ISO4014
800	X59512500006	PLUG-IN PIPE INTERCOOLER, LEFT		1	PC	4,720 KG			
850	0259979048	O-RING		4	PC	41,500 G			
950	X59512500021	ELBOW F.CONN. IC.-TC LEFT		1	PC	7,460 KG	EM		
1000	0289975248	O-RING		1	PC	13,900 G			
1050	000125010524	WASHER		4	PC	3,100 G		A 10,5	DIN125
1100	000000003326	HEX SCREW		4	PC	28,180 G		M 10 X 35	ISO4017

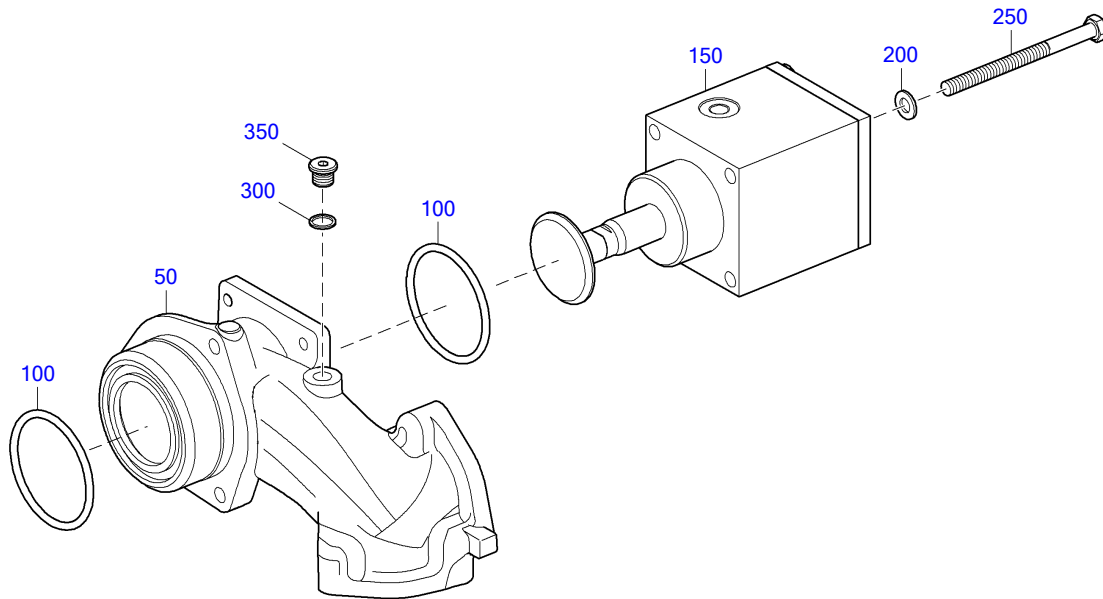
DIVERter VALVE

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
100	X59512300014	DIVERter VALVE	1	PC	9,888 KG	EM		
120	X59512500026	GASKET F/AIR TRANSFER VALV	1	PC	8 G			
200	000000001039	BOLT HEX A3C	3	PC	29,800 G		M 10 X 40	ISO4017
250	000125010524	WASHER	3	PC	3,100 G		A 10,5	DIN125
350	5272030080	GASKET	1	PC	6 G			
400	000000001464	BOLT HEX A3C	3	PC	25 G		M 10 X 30	ISO4017
450	X52812500001	FLANGE	1	PC				
550	X00041391	ACTUATOR VLV	1	PC	1,880 KG			
650	000000003558	BOLT HEX SOC ZNPH R5F	4	PC	5,400 G		M 5 X 30	DIN912
700	007603014102	COPPER SEALING RING	2	PC	1 G		A 14 X 18	DIN7603
750	915013008002	SCREW NECK	2	PC	24 G		8 (M16X1,5/M14X1,5)	N15013
850	X59512500033	AIR LINE F/AIR TRANSFER VALV	1	PC	2 KG	EM		
900	5272030080	GASKET	2	PC	6 G			
950	000912010038	SCREW	6	PC	27 G		M 10 X 30	DIN912
1000	000125010524	WASHER	6	PC	3,100 G		A 10,5	DIN125
1100	X59499100079	BRACKET	1	PC				
1150	007349008002	WASHER	4	PC	8,300 G		8,4	DIN7349
1200	304017008083	BOLT HEX A3C	2	PC	15 G		M 8 X 30	ISO4017
1250	304017008084	BOLT HEX A3C	2	PC	16,565 G		M 8 X 35	ISO4017
1300	735151008200	SPACER	2	PC	13 G		B 8,4	MTN5151
1400	X59312500003	PIPE HALF-CLAMP	1	PC	341 G			
1450	700346065200	PIPE CLAMP HALF	1	PC	307,800 G		BD 9 - 65	MMN346
1500	304017008088	BOLT HEX A3C	2	PC	23,440 G		M 8 X 55	ISO4017
1850	X59599100097	RETAINER	1	PC	2,190 KG			
1900	007349008002	WASHER	2	PC	8,300 G		8,4	DIN7349
1950	304017008081	HEX BOLT	2	PC	13,500 G		M 8 X 25	ISO4017
1975	304017008083	BOLT HEX A3C	2	PC	15 G		M 8 X 30	ISO4017
2050	700346065200	PIPE CLAMP HALF	1	PC	307,800 G		BD 9 - 65	MMN346
2075	700346065300	PIPE CLAMP HALF	1	PC	333 G		BG 8 - 65	MMN346
2100	007349008002	WASHER	2	PC	8,300 G		8,4	DIN7349
2150	204017008032	HEX SCREW	2	PC	25,900 G		M 8 X 65	ISO4017



12300496a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	XP52736400001	SOLENOID	1	PC	358 G		
20	8495860032	SET OF SEALS	1	PC	85 G	INHALT SIEHE GRUNDDATENTEXT	
30	00000003558	BOLT HEX SOC ZNPH R5F	4	PC	5,400 G	M 5 X 30	DIN912
40	XP51699100033	NUT	1	PC			



12600081a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
50	X59612300005	VALVE HOUSING		1	PC		EM		
100	700429075001	O-RING		2	PC	10,900 G		75 X 5	MMN429
150	X59612300007	CYLINDER	BR4000	1	PC	4.009 G			
200	000125010524	WASHER		4	PC	3,100 G		A 10,5	DIN125
250	00000004400	HEX SCREW		4	PC	84,200 G		M 10 X130	ISO4014
300	007603014102	COPPER SEALING RING		2	PC	1 G		A 14 X 18	DIN7603
350	000908014001	THREAD PLUG		2	PC	16,100 KG		M 14 X 1,5	DIN908

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
AIR FILTER

SERIAL NUMBER: 527110243
FG/FGS: 121

GROUP NUMBER (FG)

GROUP NAME

BOM-No.

CONTAM INDICATOR

XS593120.00028

AIR FILTER

XS594120.00071

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CONTAM INDICATOR

SERIAL NUMBER: 527110243

FG/FGS: 121 05
BOM-No.: XS593120.00028

POS.	PART NO.	DESIGNATION	QTY.	UNITS
5	0000943268	INDICATOR AIR FILTER RESTRISTER	1	PC

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
AIR FILTER

SERIAL NUMBER: 527110243

FG/FGS: 121 05

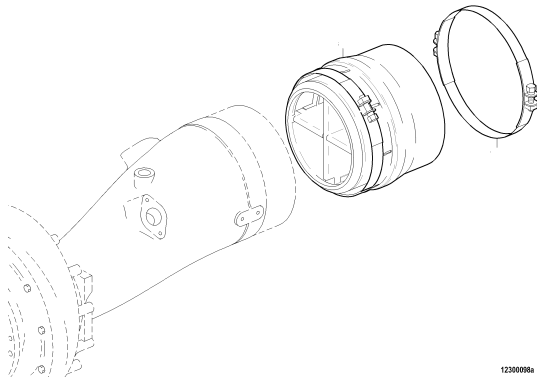
BOM-No.: XS594120.00071

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
15	0180943002	AIR FILTER	2	PC	6,300 KG	EM		
20	900288260000	CLAMP	2	PC	384 G		S 260/25X1,25 SK 2T	N288A

GROUP NUMBER (FG)

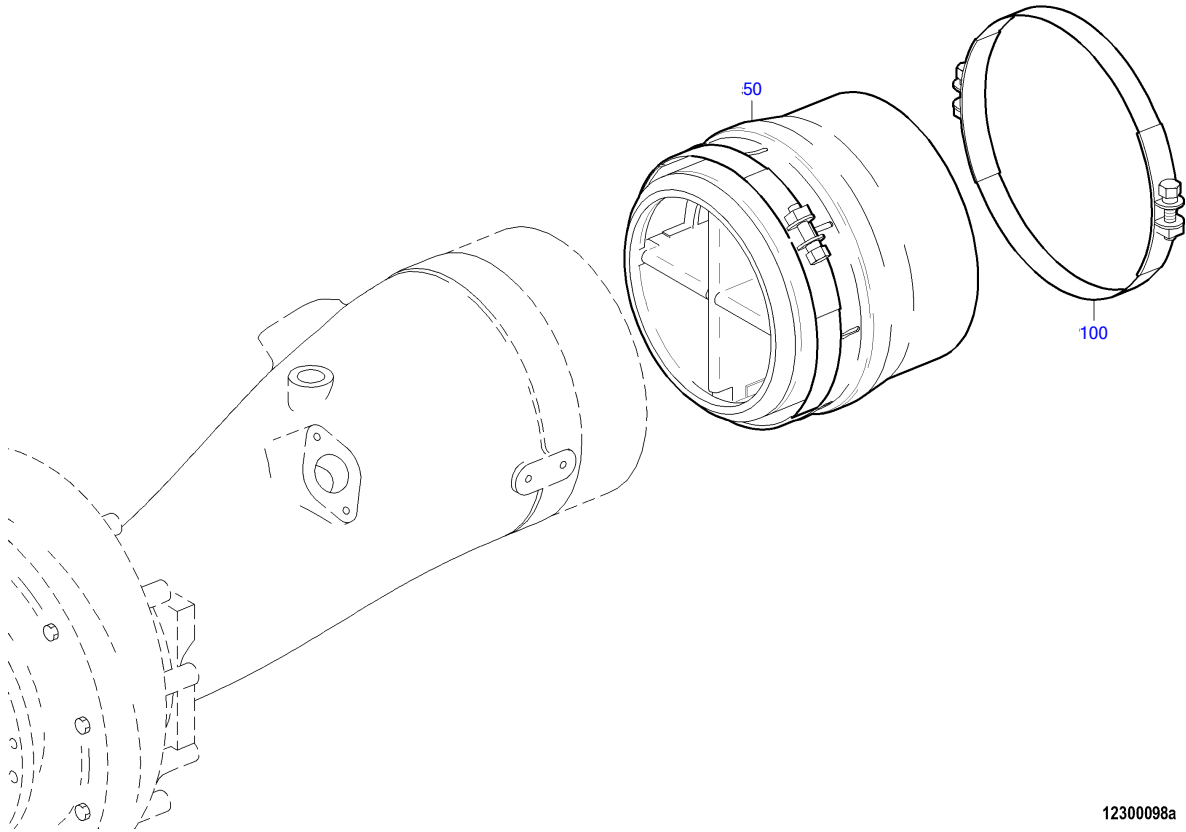
GROUP NAME

BOM-No.



INTAKE SILENCER
X00010987

12300098a



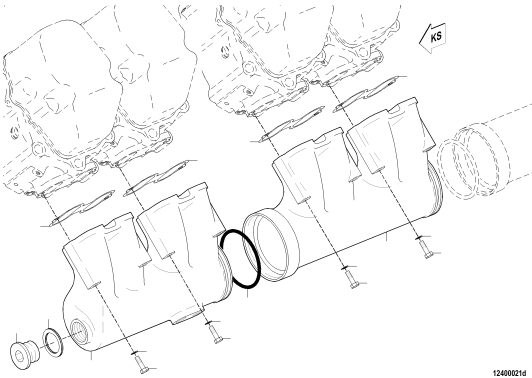
12300098a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
50	5260900104	SILENCER AIR INTAKE	12/16V4000 MAR.	2	PC	2,600 KG	EM		
100	900288254000	CLAMP		2	PC	344 G		S 254/25X1,25 SK 2T	N288A

GROUP NUMBER (FG)

GROUP NAME

BOM-No.



AIR PIPING INTERCOOLER TO CYLH
XS595120.00003

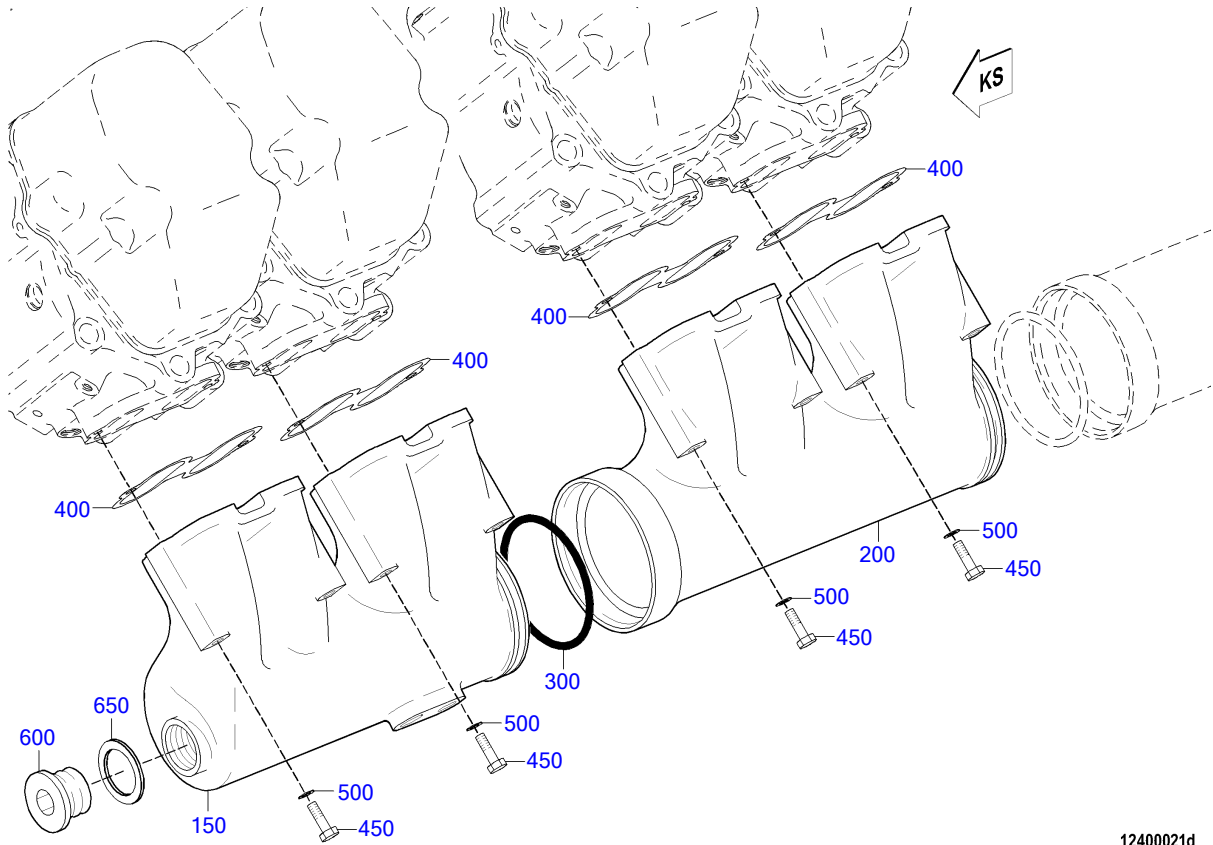
12400021-d

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
AIR PIPING INTERCOOLER TO CYLH

SERIAL NUMBER: 527110243

FG/FGS: 124 05
BOM-No.: XS595120.00003

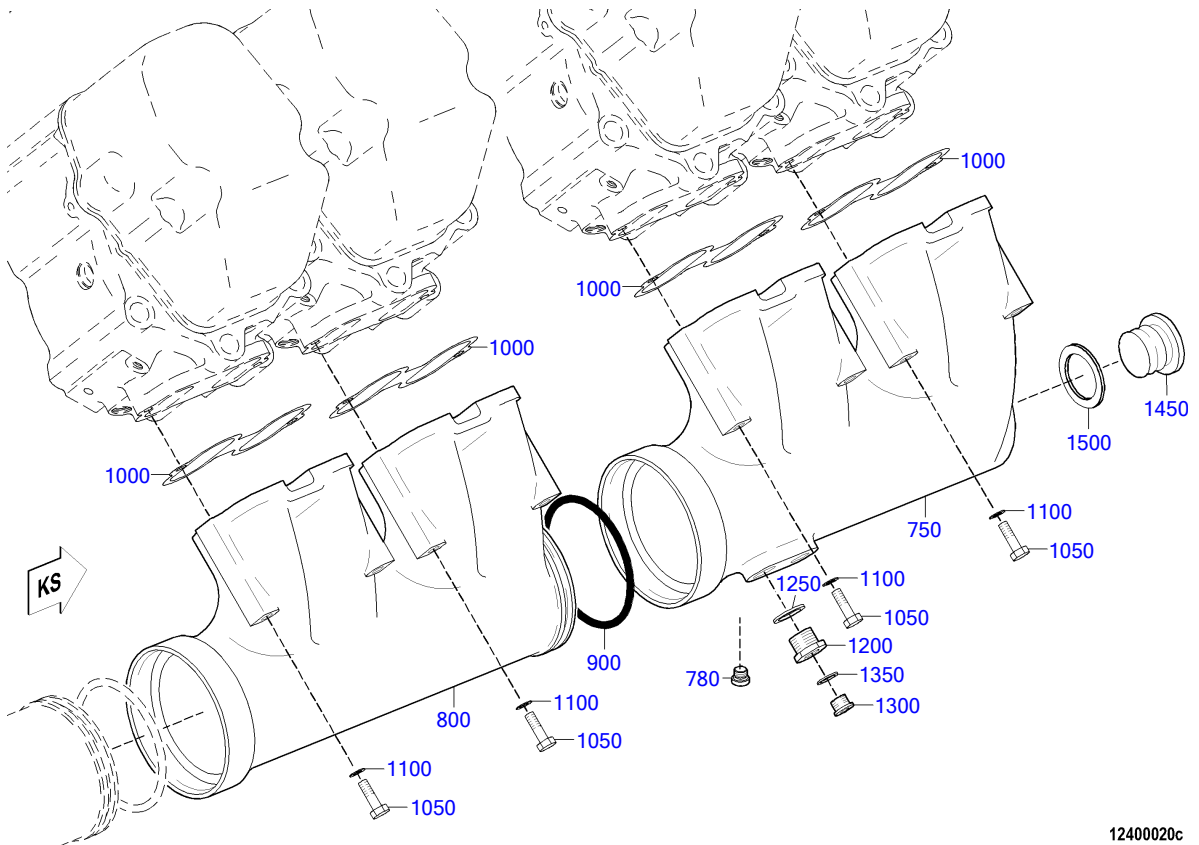


EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
AIR PIPING INTERCOOLER TO CYLH

SERIAL NUMBER: 527110243

FG/FGS: 124 05
BOM-No.: XS595120.00003



EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
AIR PIPING INTERCOOLER TO CYLH

SERIAL NUMBER: 527110243

FG/FGS: 124 05

BOM-No.: XS595120.00003

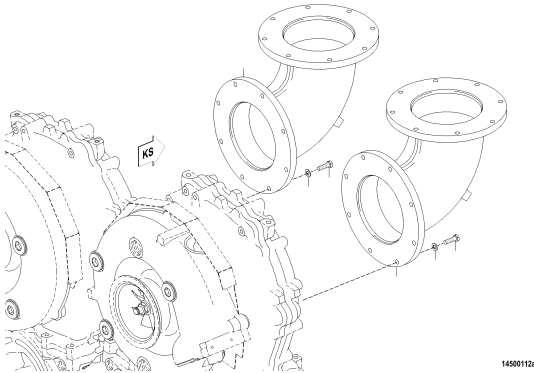
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
150	5240981407	MANIFOLD CHARGE AIR FRONT A-BANK		1	PC	7,721 KG	EM		
200	5240980907	MANIFOLD INTAKE CHRГ AIR CENTER	BR4000	3	PC		EM		
300	700429140000	O-RING		4	PC	51 G		140 X 8	MMN429
400	5240980680	GASKET		8	PC	14 G			
450	000000001041	BOLT HEX A3C		16	PC			M 10 X140	ISO4014
500	000125010524	WASHER		8	PC	3,100 G		A 10,5	DIN125
600	000908052003	THREAD PLUG		1	PC	308,500 KG		M 52 X 1,5	DIN908
650	007603052101	COPPER SEALING RING		1	PC	12,300 G		A 52 X 60	DIN7603
750	X59412400026	CHARGE-AIR PIPE END MEMBER, RIGHT		1	PC	7,967 KG	EM		
780	735210014000	THREAD PLUG		1	PC	19,100 KG		M 14 X 1,5	MTN5210
800	5240980907	MANIFOLD INTAKE CHRГ AIR CENTER	BR4000	3	PC		EM		
900	700429140000	O-RING		3	PC	51 G		140 X 8	MMN429
1000	5240980680	GASKET		8	PC	14 G			
1050	000000001041	BOLT HEX A3C		16	PC			M 10 X140	ISO4014
1100	000125010524	WASHER		8	PC	3,100 G		A 10,5	DIN125
1200	700354014003	THREADED BUSHING		2	PC	46 G		M 14 X 1,5	MMN354
1250	007603022102	COPPER SEALING RING		2	PC	0,900 G		A 22 X 27	DIN7603
1300	000908014001	THREAD PLUG		2	PC	16,100 KG		M 14 X 1,5	DIN908
1350	007603014102	COPPER SEALING RING		2	PC	1 G		A 14 X 18	DIN7603
1450	000908052003	THREAD PLUG		1	PC	308,500 KG		M 52 X 1,5	DIN908
1500	007603052101	COPPER SEALING RING		1	PC	12,300 G		A 52 X 60	DIN7603

GROUP NUMBER (FG)

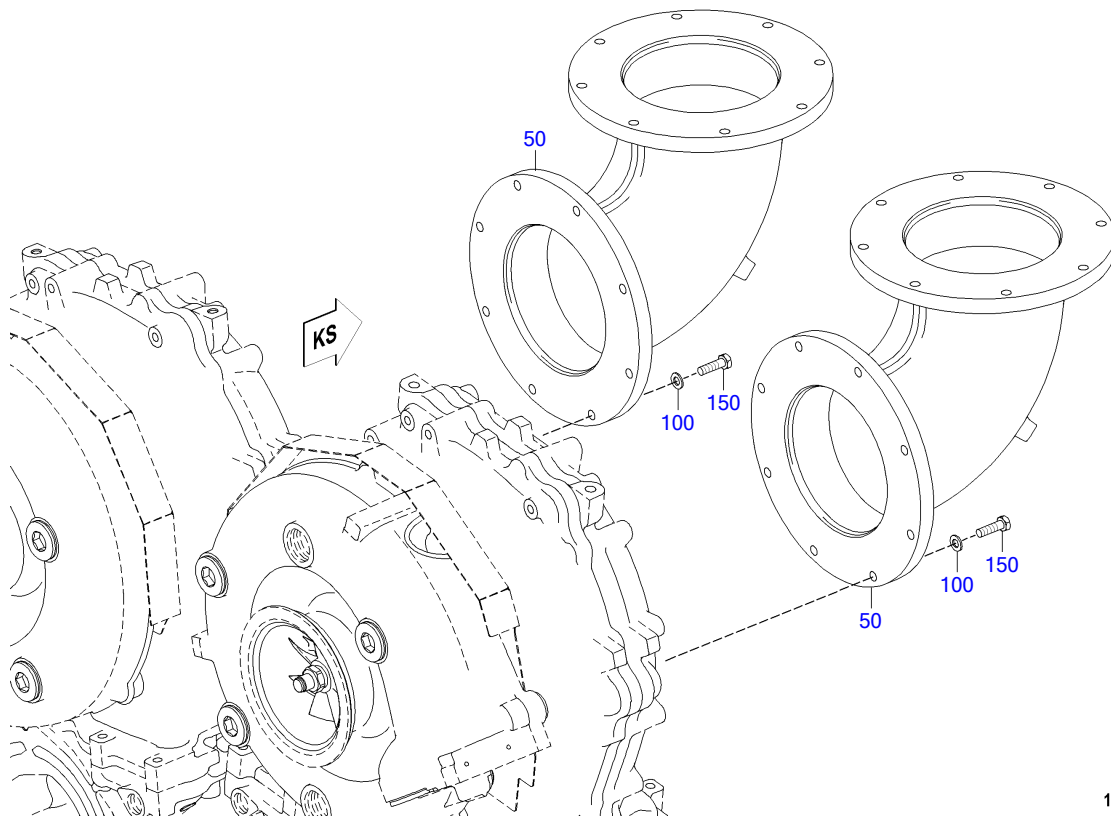
GROUP NAME

BOM-No.

EXH. LINES AFTER TC FOR 12/16 CYLINDER
XS594140.00005



14500112a



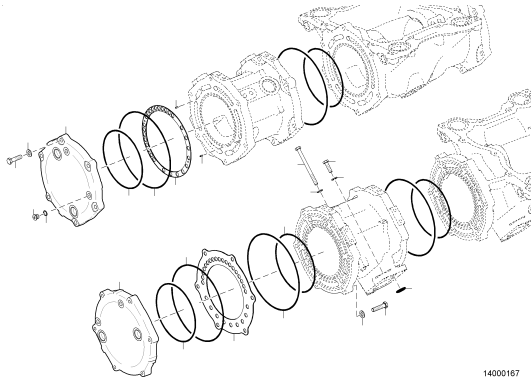
14500112a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
50	X59414500004	EXHAUST ELBOW 90° VERTICAL	2	PC	25,600 KG	EM		
100	000125010524	WASHER	16	PC	3,100 G		A 10,5	DIN125
150	000000001039	BOLT HEX A3C	16	PC	29,800 G		M 10 X 40	ISO4017

GROUP NUMBER (FG)

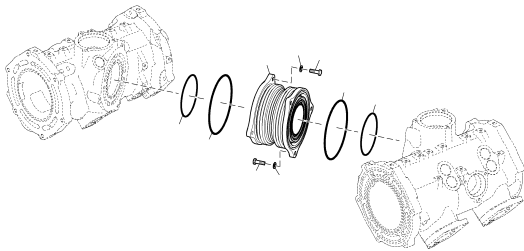
GROUP NAME

BOM-No.



EXHAUST SYSTEM F/CYL. TO T'CHARGER
XS595140.00003

14000167



EXH PIPE BELLOWS
XS596140.00008

14200300a

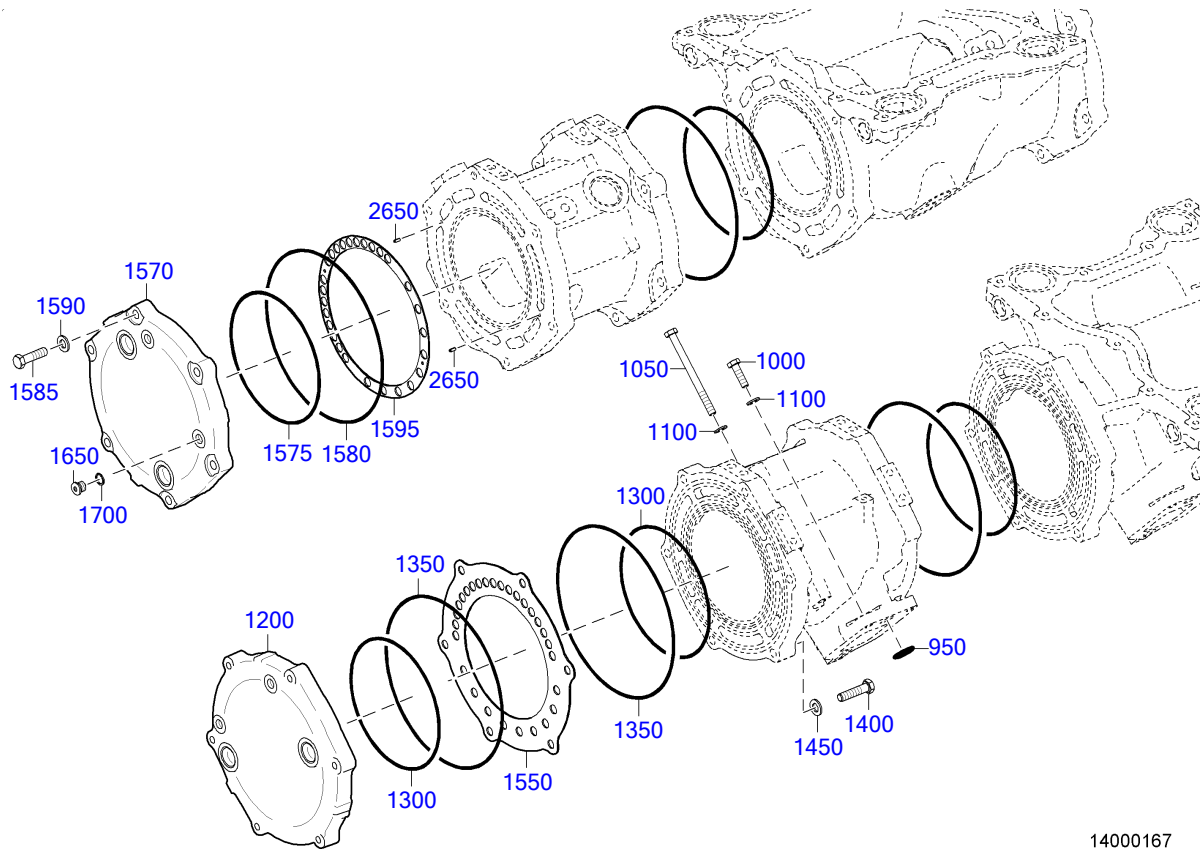
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
EXHAUST SYSTEM F/CYL. TO T'CHARGER

SERIAL NUMBER: 527110243

FG/FGS: 141 10

BOM-No.: XS595140.00003



14000167

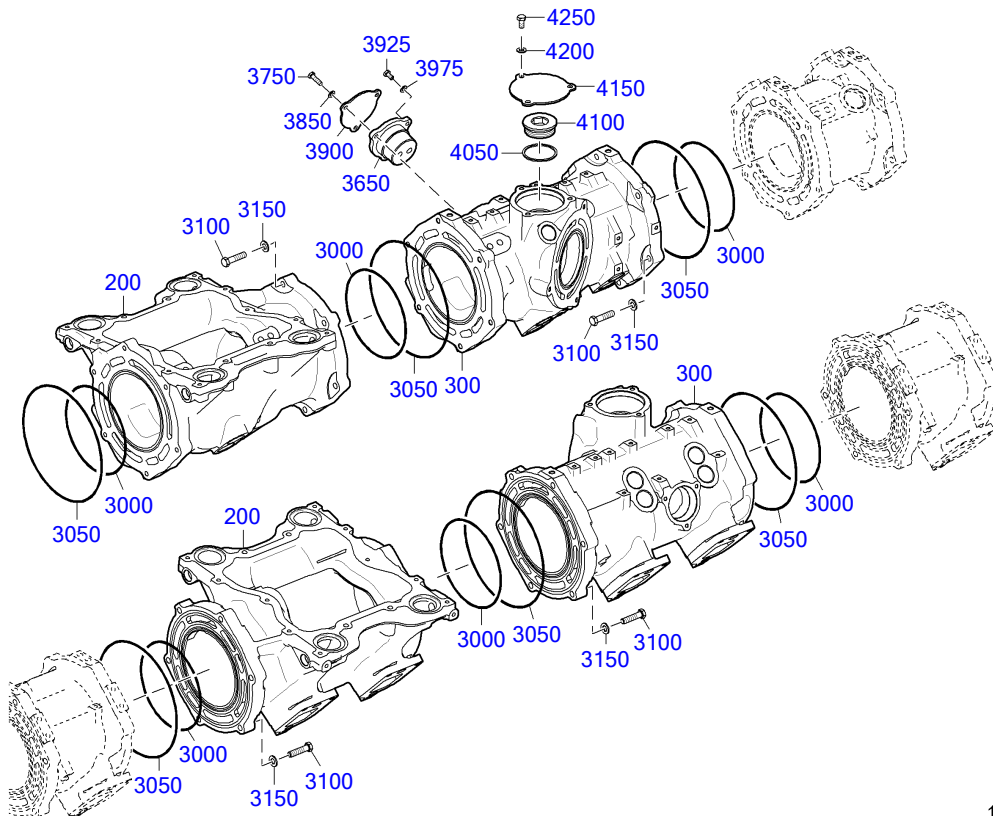
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
EXHAUST SYSTEM F/CYL. TO T'CHARGER

SERIAL NUMBER: 527110243

FG/FGS: 141 10

BOM-No.: XS595140.00003



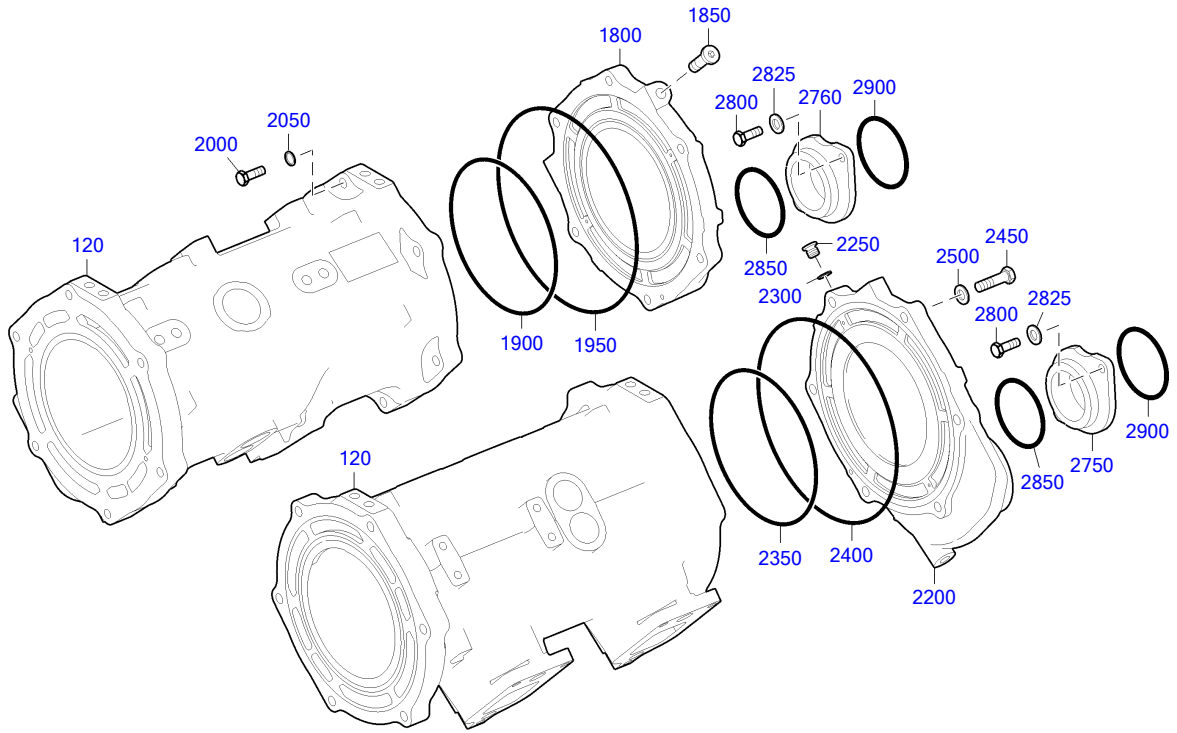
10101707

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
EXHAUST SYSTEM F/CYL. TO T'CHARGER

SERIAL NUMBER: 527110243

FG/FGS: 141 10
BOM-No.: XS595140.00003



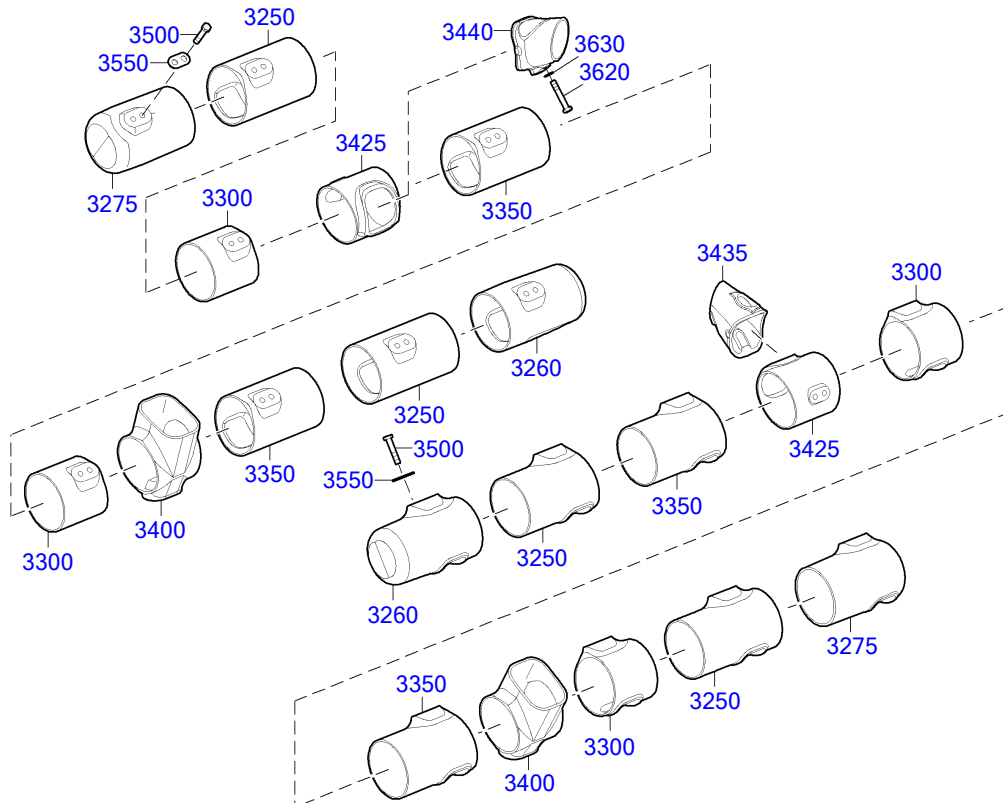
14100423

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
EXHAUST SYSTEM F/CYL. TO T'CHARGER

SERIAL NUMBER: 527110243

FG/FGS: 141 10
BOM-No.: XS595140.00003



10101708

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
120	X59414100053	EXHAUST HOUSING		4	PC	49,400 KG	EM		
200	X59414100007	EXHAUST HOUSING		2	PC	61,250 KG	SB EM		
300	X59414100009	EXHAUST HOUSING		2	PC	60,200 KG	SB EM		
950	700429024000	O-RING		16	PC	3,900 G		24 X 5	MMN429
1000	000000003326	HEX SCREW		32	PC	28,180 G		M 10 X 35	ISO4017
1050	000000004400	HEX SCREW		16	PC	84,200 G		M 10 X 130	ISO4014
1100	000125010524	WASHER		48	PC	3,100 G		A 10,5	DIN125
1200	X59414100020	END COVER		1	PC	6,627 KG	SB		
1300	X59499100113	O-RING		2	PC	15 G		194 X 4	MMN429
1350	X59499100114	O-RING		2	PC	20 G		258 X 4	MMN429
1400	000000003437	BOLT HEX A3C		6	PC	52 G	M	M 12 X 50	ISO4017
1450	000125013012	WASHER		6	PC	5,320 G	MN	A 13	DIN125
1550	X59414100047	RESTRICTOR		1	PC				
1570	X59414100029	END COVER		1	PC	8 KG	SB		
1575	X59499100113	O-RING		1	PC	15 G		194 X 4	MMN429
1580	X59499100114	O-RING		1	PC	20 G		258 X 4	MMN429
1585	000000004743	HEX SCREW		6	PC	48 G		M 12 X 45	ISO4017
1590	000125013012	WASHER		6	PC	5,320 G	MN	A 13	DIN125
1595	X59414100022	RESTRICTOR		1	PC				
1650	000908014001	THREAD PLUG		4	PC	16,100 KG		M 14 X 1,5	DIN908
1700	007603014102	COPPER SEALING RING		4	PC	1 G		A 14 X 18	DIN7603
1800	X59414100018	CONNECTING PIECE		1	PC	6,687 KG	SB		
1850	735210018000	PLUG		1	PC	35,800 KG		M 18 X 1,5	MTN5210
1900	X59499100113	O-RING		1	PC	15 G		194 X 4	MMN429
1950	X59499100114	O-RING		1	PC	20 G		258 X 4	MMN429
2000	000000003437	BOLT HEX A3C		6	PC	52 G	M	M 12 X 50	ISO4017
2050	000125013012	WASHER		6	PC	5,320 G	MN	A 13	DIN125
2200	X59414100016	CONNECTING PIECE		1	PC	7,668 KG	SB		
2250	000908014001	THREAD PLUG		1	PC	16,100 KG		M 14 X 1,5	DIN908
2300	007603014102	COPPER SEALING RING		1	PC	1 G		A 14 X 18	DIN7603
2350	X59499100113	O-RING		1	PC	15 G		194 X 4	MMN429
2400	X59499100114	O-RING		1	PC	20 G		258 X 4	MMN429
2450	000000004743	HEX SCREW		6	PC	48 G		M 12 X 45	ISO4017
2500	000125013012	WASHER		6	PC	5,320 G	MN	A 13	DIN125
2650	000000003948	PIN SPRING 18-8		3	PC	0,500 G		4 X 10 - N	ISO8752
2750	X52620200153	FLANGE		1	PC				
2760	X52620200154	FLANGE		1	PC				
2800	000000003021	HEX SCREW		4	PC	23,700 G		M 10 X 25	ISO4017
2825	000125010524	WASHER		4	PC	3,100 G		A 10,5	DIN125
2850	700429080001	O-RING		2	PC	5,962 G		80 X 5	MMN429
2900	700429083000	O-RING		2	PC			83 X 5	MMN429
3000	X59499100113	O-RING		6	PC	15 G		194 X 4	MMN429
3050	X59499100114	O-RING		6	PC	20 G		258 X 4	MMN429
3100	000000003437	BOLT HEX A3C		36	PC	52 G	M	M 12 X 50	ISO4017
3150	000125013012	WASHER		36	PC	5,320 G	MN	A 13	DIN125
3250	X59414100011	EXHAUST LINE INNER ELEMENT		4	PC	4,926 KG	EM		
3260	X59414100027	EXHAUST LINE INNER ELEMENT		2	PC		EM		
3275	X59414100028	EXHAUST LINE INNER ELEMENT		2	PC	5,560 KG	EM		
3300	X59414100012	EXHAUST PIPE		4	PC	2,984 KG	EM		
3350	X59414100013	EXHAUST PIPE		4	PC	4,469 KG	EM		
3400	X52814100016	EXHAUST PIPE TO TURBOCHARGER		2	PC	4,370 KG	EM		
3425	X59414100015	EXHAUST LINE	BR4000	2	PC	2,699 KG	EM		
3435	X59414100037	EXHAUST PIPE		1	PC	1,676 KG	EM		
3440	X59414100036	EXHAUST PIPE		1	PC	1,781 KG	EM		

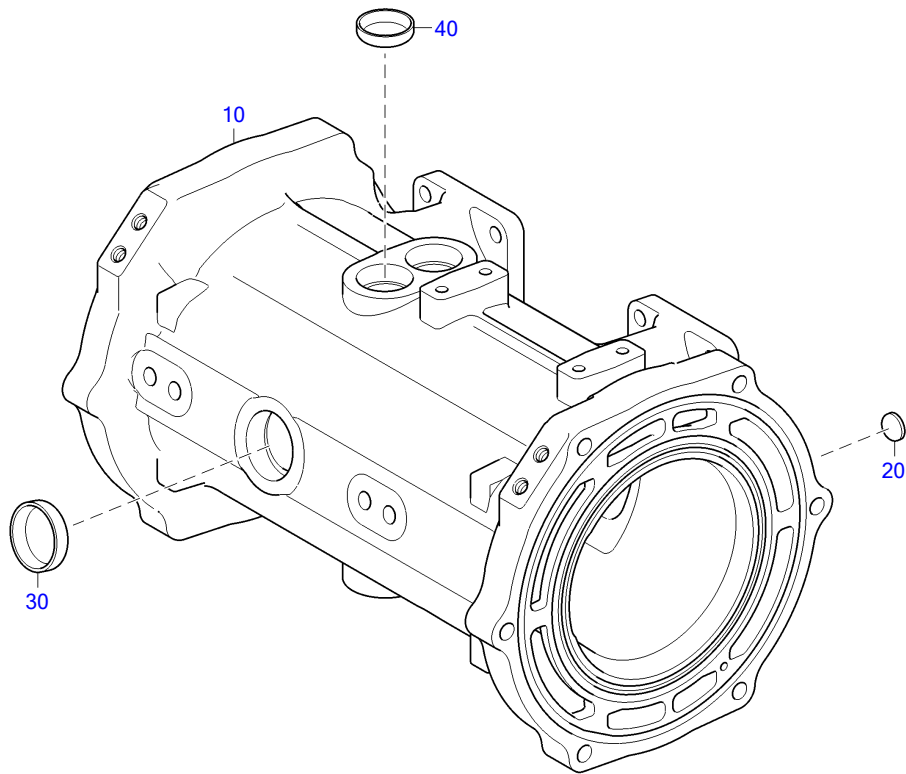
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
EXHAUST SYSTEM F/CYL. TO T'CHARGER

SERIAL NUMBER: 527110243

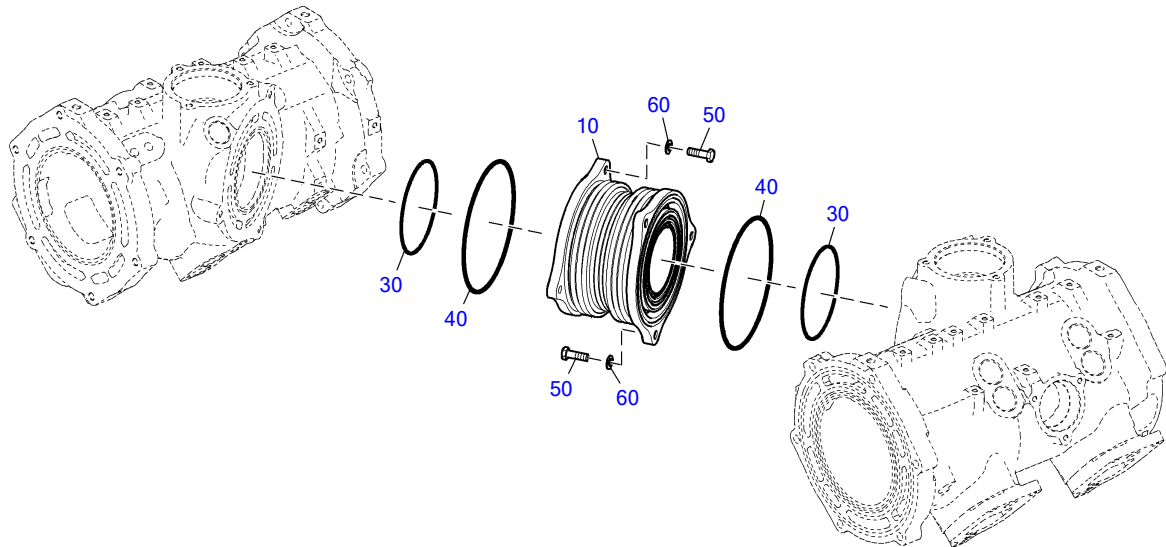
FG/FGS: 141 10
BOM-No.: XS595140.00003

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
3500	204017012032	HEX SCREW		40	PC	79 G		M 12 X 60	ISO4017
3550	X59614100003	SPACER		20	PC	30 G			
3620	000000001710	HEX SCREW		4	PC			M 12 X 70	ISO4017
3630	8379902540	WASHER		4	PC	7,710 G			
3650	X59414100035	RETAINER FOR EXH. PIPE		2	PC	1,631 KG			
3750	304017008081	HEX BOLT		6	PC	13,500 G		M 8 X 25	ISO4017
3850	000125008427	WASHER		6	PC	1,500 G		A 8,4	DIN125
3900	X59414100038	COVER PLATE		2	PC				
3925	204017008022	HEX SCREW		4	PC	10 G		M 8 X 14	ISO4017
3975	000125008427	WASHER		4	PC	1,500 G		A 8,4	DIN125
4050	007603064100	WASHER A COP		1	PC	14,400 G		A 64 X 72	DIN7603
4100	000908064000	PLUG		1	PC	535 KG		M 64 X 2	DIN908
4150	X59614100002	BLIND FLANGE		1	PC	418 G			
4200	000125010524	WASHER		3	PC	3,100 G		A 10,5	DIN125
4250	000000003020	BOLT HEX A3C		3	PC	20,010 G		M 10 X 20	ISO4017



10101228a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
10	X59414100054	EXHAUST HOUSING	1	PC	50,240 KG	EM	
20	5550160033	SEALING CAP	2	PC	7,140 G		D 20
30	5249970020	SEALING CAP	1	PC			D 50
40	5370160233	SEALING CAP	4	PC			D 40



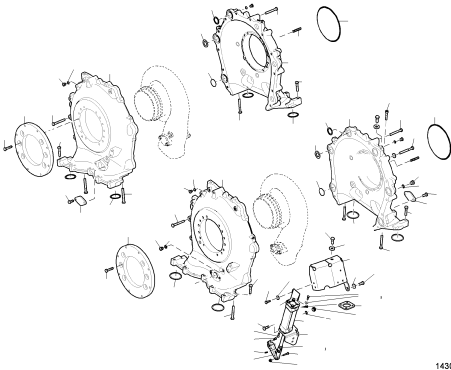
14200300a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	X59499100411	EXH PIPE BELLOWS	1	PC	6,400 KG	EM		
30	X59499100111	O-RING	2	PC	10 G		142 X 4	MMN429
40	X59499100112	O-RING	2	PC	16 G		192 X 4	MMN429
50	204017010016	HEX SCREW	6	PC	26,500 G		M 10 X 32	ISO4017
60	000125010524	WASHER	6	PC	3,100 G		A 10,5	DIN125

GROUP NUMBER (FG)

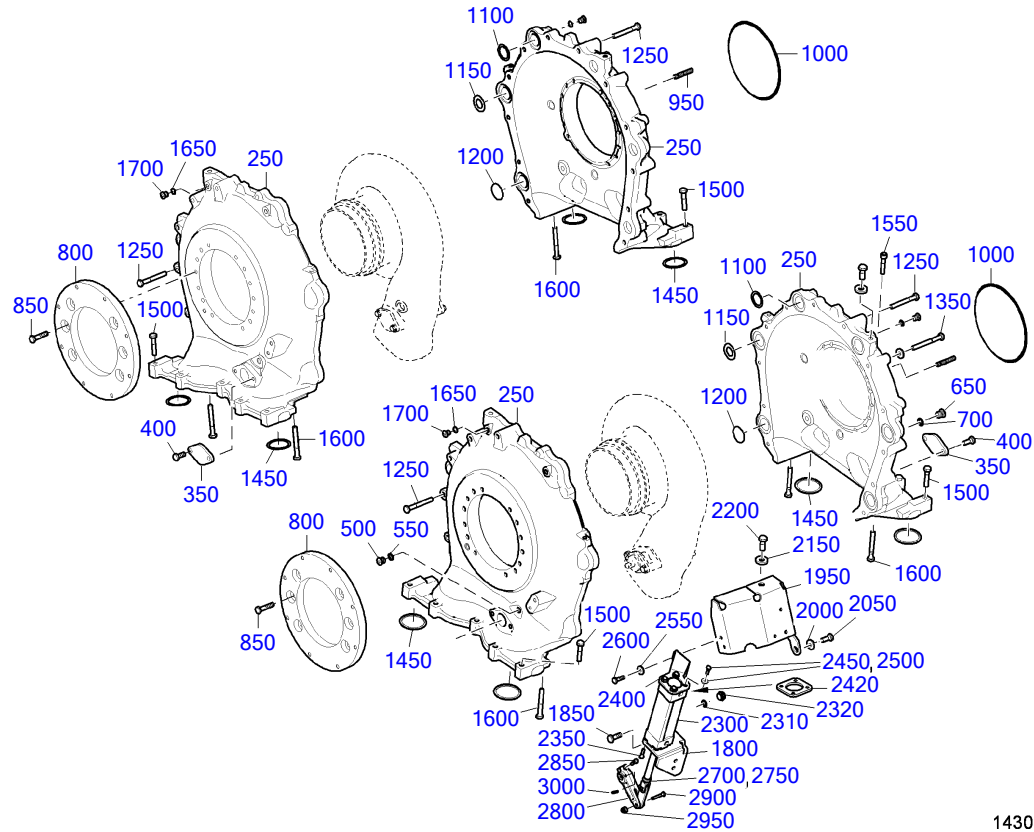
GROUP NAME

BOM-No.



CARRIER HOUSING F/TURBOCHARGER
XS594140.00040

14300158a



14300158a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
250	X59414300006	CARRIER HOUSING	4	PC		EM		
350	5261420091	COVER	3	PC	190 G			
400	00000003021	HEX SCREW	6	PC	23,700 G	M 10 X 25		ISO4017
500	000908014001	THREAD PLUG	2	PC	16,100 KG	M 14 X 1,5		DIN908
550	007603014102	COPPER SEALING RING	2	PC	1 G	A 14 X 18		DIN7603
650	000908014001	THREAD PLUG	2	PC	16,100 KG	M 14 X 1,5		DIN908
700	007603014102	COPPER SEALING RING	2	PC	1 G	A 14 X 18		DIN7603
800	X52814300005	INTERMEDIATE FLANGE	2	PC	7,980 KG			
850	304017010035	HEX BOLT	12	PC	32 G	M 10 X 45		ISO4017
950	000939010115	STUD	12	PC	31 G	M 10 X 45		DIN939
1000	700429200002	O-RING	2	PC	18,600 G	200 X 4		MMN429
1100	X59420200233	RESTRICTOR	4	PC	6 G			
1150	X59420200234	RESTRICTOR	4	PC	8,100 G			
1200	X59420200235	RESTRICTOR	4	PC	11 G			
1250	304017010034	BOLT HEX	22	PC	50,300 G	M 10 X 80		ISO4017
1450	X59420200238	RESTRICTOR	8	PC	9 G			
1500	000000001042	BOLT HEX A3C	19	PC	35 G	M 10 X 50		ISO4017
1550	000912010016	BOLT HEX SOC HD	1	PC	38 G	M 10 X 50		DIN912
1600	000000000906	BOLT HEX A3C	8	PC	49,400 G	M 10 X 80		ISO4017
1650	007603012111	COPPER SEALING RING	6	PC	0,700 G	A 12 X 15,5		DIN7603
1700	000908012003	THREAD PLUG	6	PC	11,900 KG	M 12 X 1,5		DIN908
1800	X59418500017	RETAINER F/TURBO OIL SUPPLY	1	PC				
1850	000000003021	HEX SCREW	2	PC	23,700 G	M 10 X 25		ISO4017
1950	X59418500019	RETAINER F/TURBO OIL SUPPLY	1	PC	2,100 KG			
2000	007349010002	WASHER	2	PC	11 G	10,5		DIN7349

EQUI TYPE: Engine

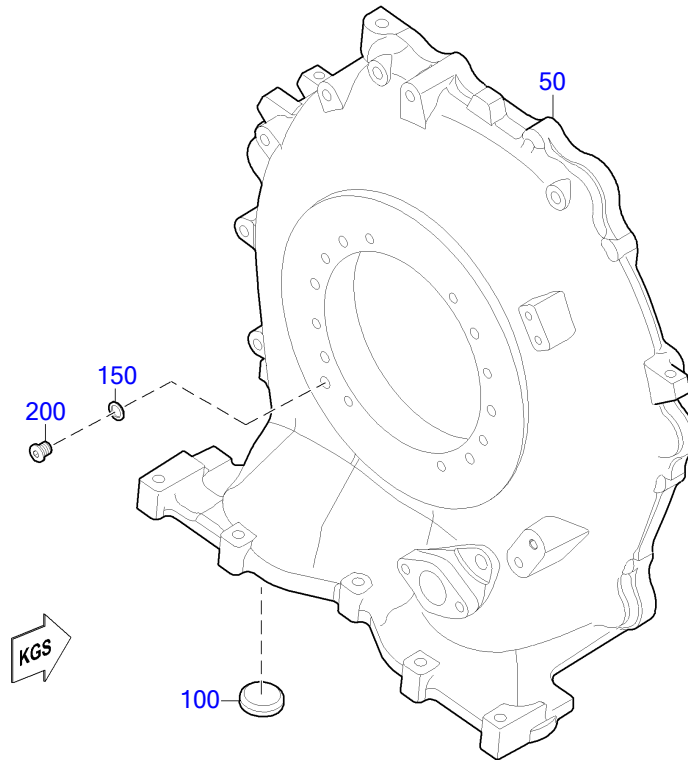
PRODUCT TYPE: 16V4000M23S
CARRIER HOUSING F/TURBOCHARGER

SERIAL NUMBER: 527110243

FG/FGS: 143 05

BOM-No.: XS594140.00040

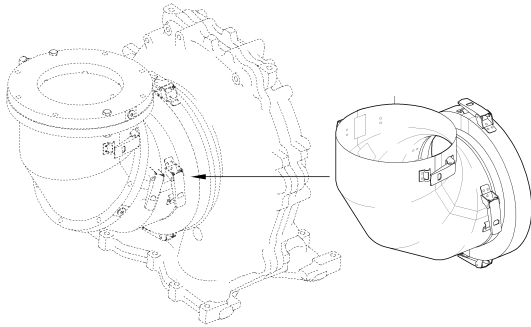
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
2050	00000003510	HEX SCREW	2	PC	66 G		M 10 X 90	ISO4014
2150	007349013002	WASHER	1	PC	22,600 G	MN	13	DIN7349
2200	00000003925	BOLT A3C	1	PC			M 12 X 30	ISO4017
2300	X56912300043	ACTUATING CYLINDER	1	PC	1,300 KG			
2310	705057013000	RING SEALING A13 X18 CU	2	PC	1,300 G		A 13 X 18	DIN7603
2320	700419999021	SCREW-FITTING UNION	2	PC	25 G		10 G 1/4 A	MMN419
2350	304017006063	BOLT HEX A3C	4	PC	6,800 G		M 6 X 25	ISO4017
2400	X59418500052	RETAINER	1	PC	807,800 G			
2420	X59499100117	SPACER	1	PC	84 G			
2450	007349006004	WASHER	4	PC	4,100 G		6,4	DIN7349
2500	304017006065	BOLT HEX A3C	4	PC	7,650 G		M 6 X 30	ISO4017
2550	007349008002	WASHER	2	PC	8,300 G		8,4	DIN7349
2600	204017008011	HEX SCREW	2	PC	12,200 G		M 8 X 22	ISO4017
2700	X00041795	CLEVIS	1	PC	40,600 G			
2750	X52499100007	ARTICULATED BEARING FOR FLAP CONTROL	1	PC	79,500 G	AB		
2800	X52810100084	LEVER F/EXH FLAP CONTROL	1	PC	269 G			
2850	000912006018	SCREW	1	PC	6,200 G		M 6 X 20	DIN912
2900	304017008084	BOLT HEX A3C	1	PC	16,565 G		M 8 X 35	ISO4017
2950	5069900251	NUT	1	PC	6,600 G			
3000	001481005030	PIN SPRING	1	PC	2,180 G		5 X 24 - N	ISO8752



14300141a

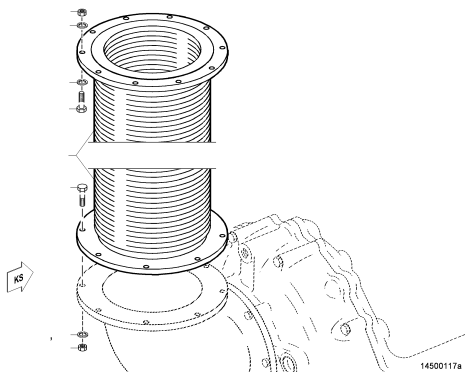
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
50	X59414300004	CARRIER HOUSING	1	PC	40,140 KG	EM		
100	5370160233	SEALING CAP	1	PC			D 40	
150	007603012106	WASHER A COP	1	PC	1,520 G		A 12 X 18	DIN7603
200	000908012003	THREAD PLUG	1	PC	11,900 KG		M 12 X 1,5	DIN908

GROUP NUMBER (FG)
GROUP NAME
BOM-No.



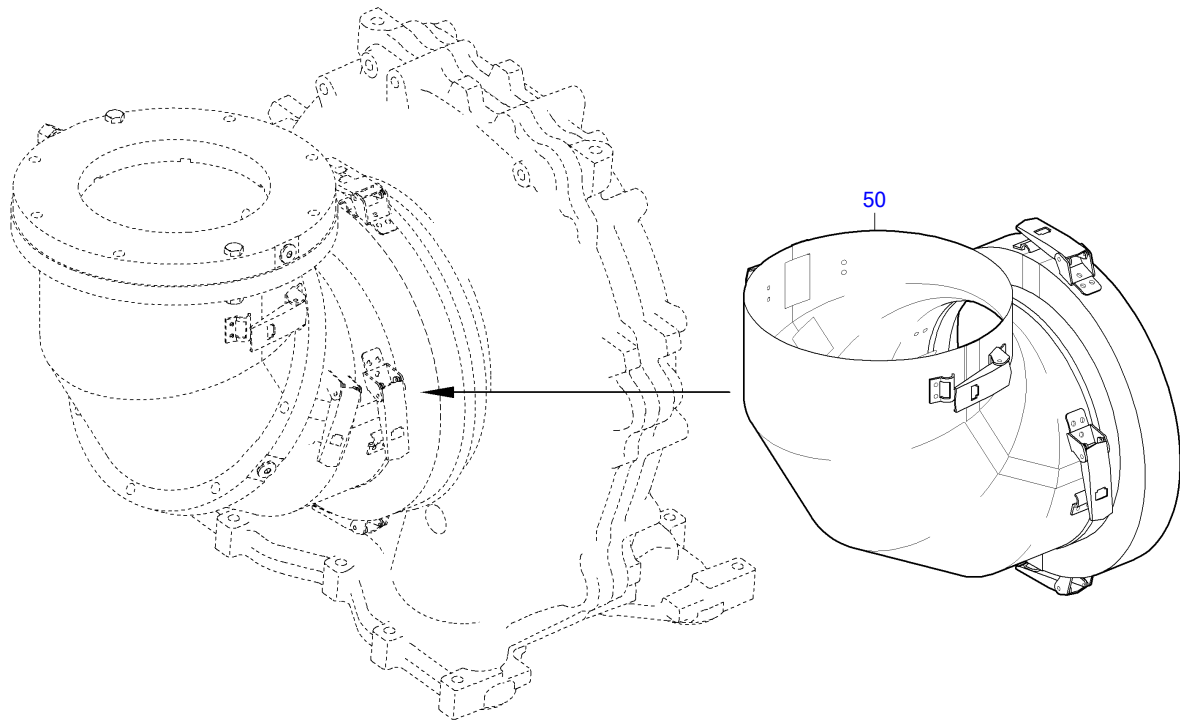
INSULATION FOR EXHAUST ELBOW
XS594140.00011

14500099a



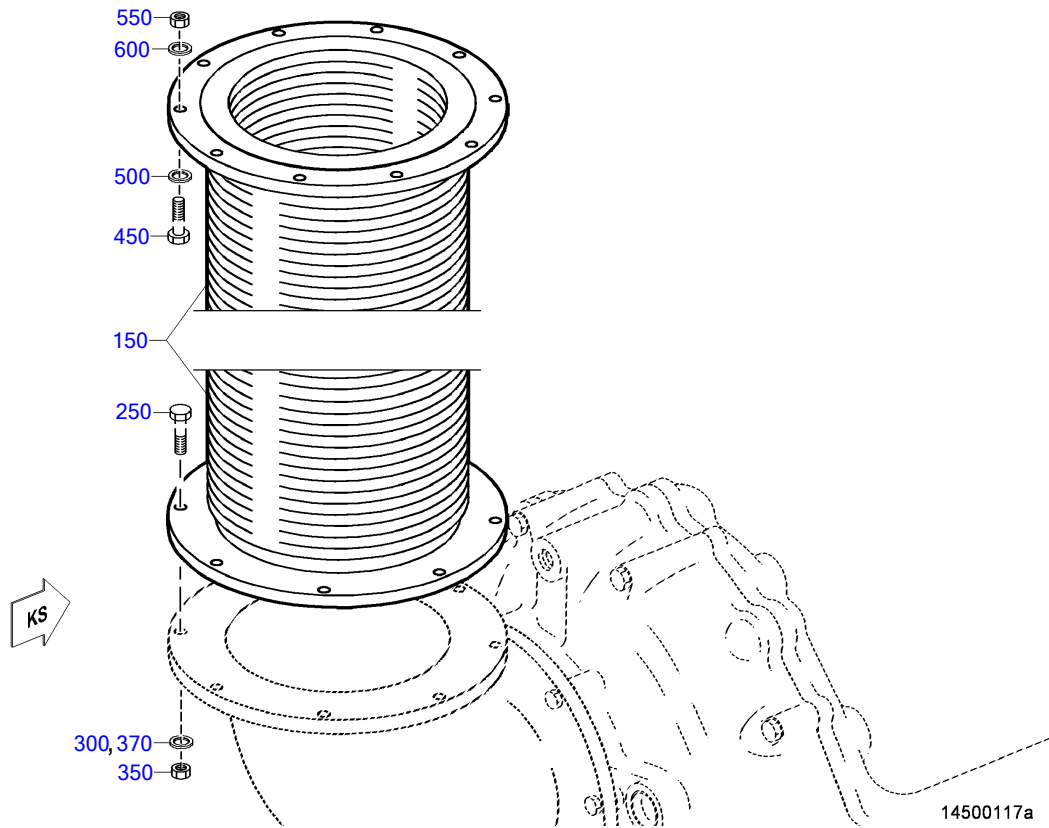
EXH PIPE BELLOWS AFTER TURBOCHARGER
XS594140.00034

14500117a



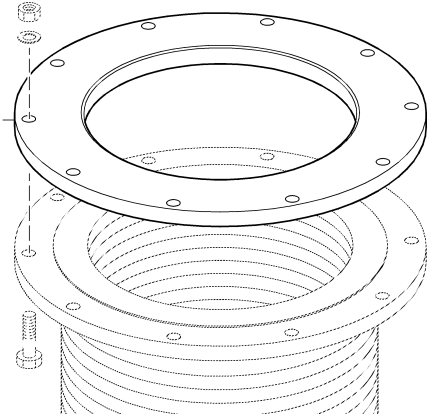
14500099a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
50	X52614500010	DIAGRAM EXH INSULATION 90 DEG VERTICAL	2	PC	4,160 KG



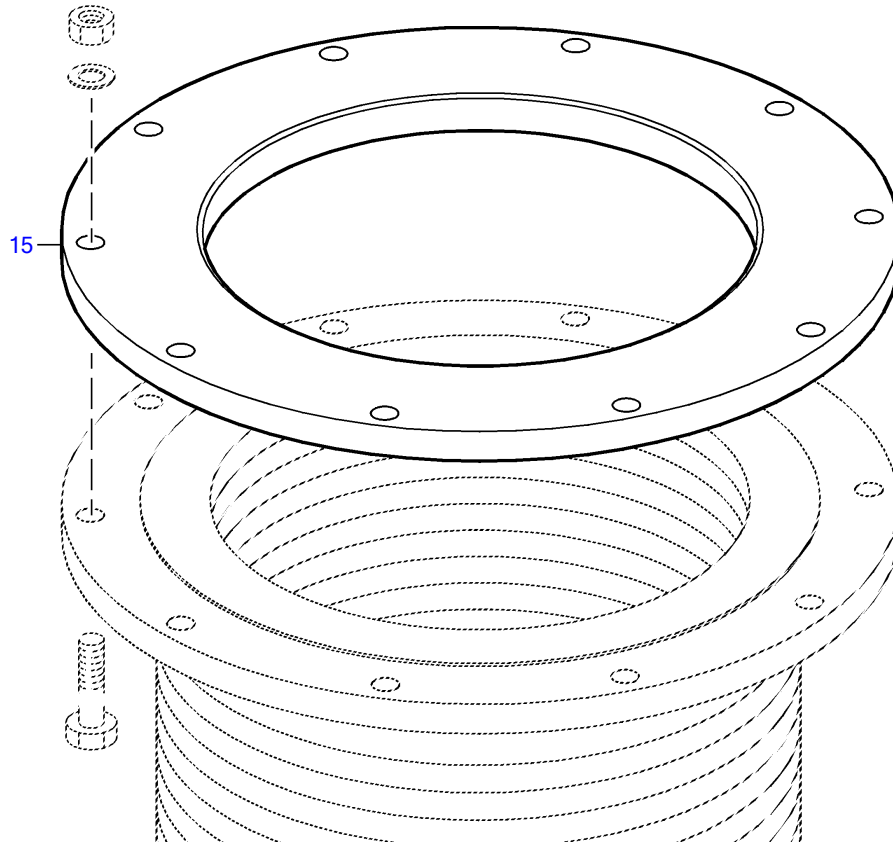
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
150	X59414500018	EXHAUST PIPE BELLOWS	2	PC	13,350 KG		
250	204014010004	HEX SCREW	16	PC	49 G	M 10 X 75	ISO4014
300	200433010500	WASHER	16	PC	1,900 G	10,5	DIN433
350	000000003317	HEX NUT	16	PC	5 G	M 10	ISO4032
370	200433010500	WASHER	16	PC	1,900 G	10,5	DIN433
450	204017010024	HEX SCREW	20	PC	37,500 G	M 10 X 50	ISO4017
500	200433010500	WASHER	20	PC	1,900 G	10,5	DIN433
550	000000003317	HEX NUT	20	PC	5 G	M 10	ISO4032
600	200433010500	WASHER	20	PC	1,900 G	10,5	DIN433

GROUP NUMBER (FG)
GROUP NAME
BOM-No.



FLANGE
140.00038

14600014a



14600014a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
15	5261420115	FLANGE	2	PC	4,215 KG

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
STARTING SYSTEM

SERIAL NUMBER: 527110243
FG/FGS: 170

GROUP NUMBER (FG)

GROUP NAME

BOM-No.

STARTING VALVE ELECTR. OPERATED
BK527170.304937-01

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
STARTING VALVE ELECTR. OPERATED

SERIAL NUMBER: 527110243

FG/FGS: 170 00

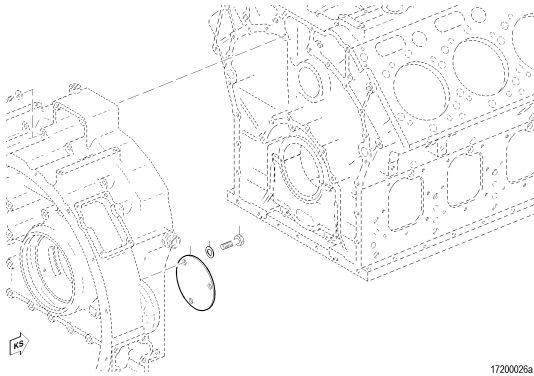
BOM-No.: BK527170.304937-01

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
150	206796008000	CONICL SPRING WASHER	6	PC	2,900 G	8	DIN6796
200	304032008014	NUT HEX 8 A3C	3	PC	4,800 G	M 8	ISO4032
250	204014008009	HEX SCREW	3	PC		M 8 X120	ISO4014
350	206796008000	CONICL SPRING WASHER	2	PC	2,900 G	8	DIN6796
400	304017008081	HEX BOLT	2	PC	13,500 G	M 8 X 25	ISO4017

GROUP NUMBER (FG)

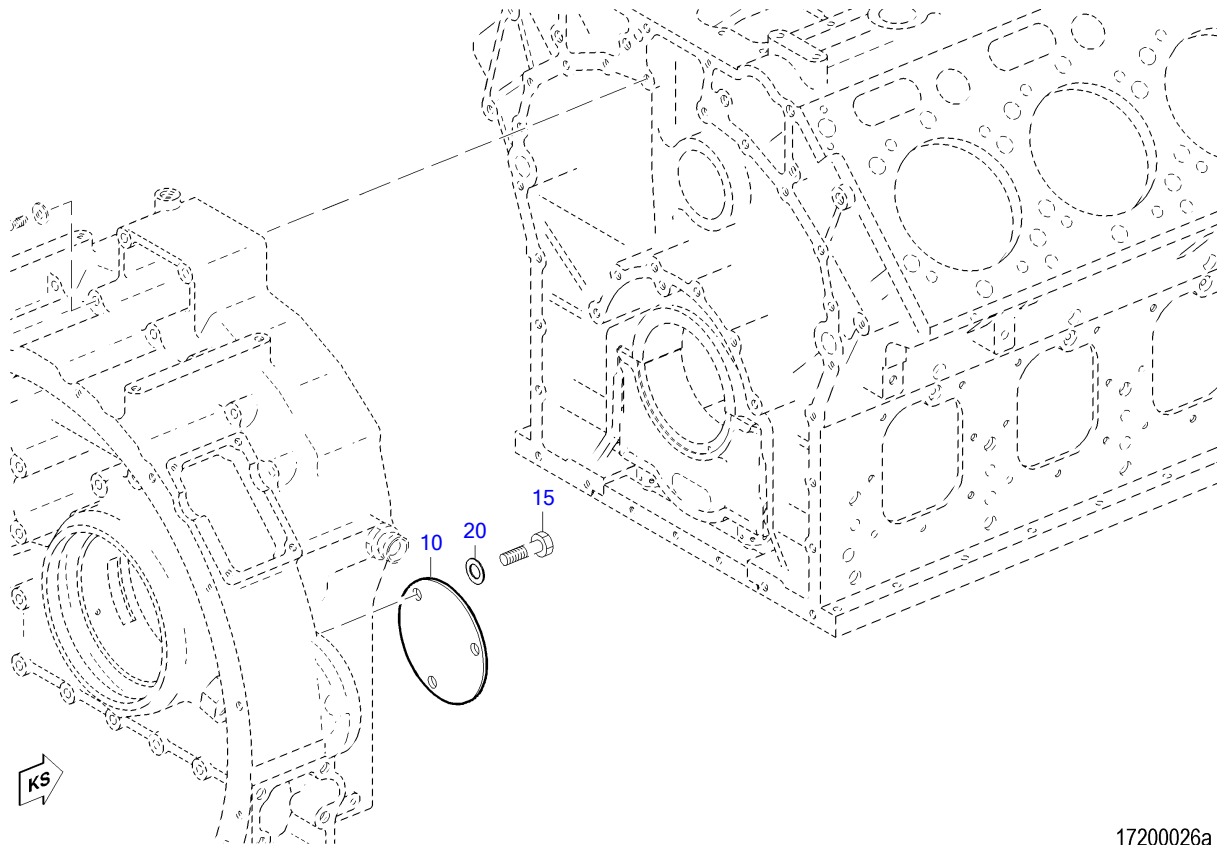
GROUP NAME

BOM-No.



GUARD PLATE
170.00016

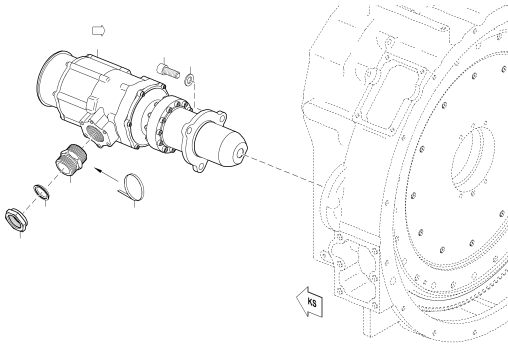
17200026a



17200026a

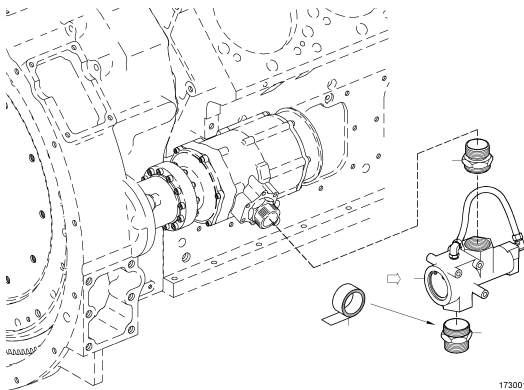
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	5240140815	PLATE GUARD	4000	1	PC	272,300 G		
15	000933016001	BOLT HEX		3	PC	65 G	M 16 X 20	DIN933
20	000125017014	WASHER		3	PC	10 G	A 17	DIN125

GROUP NUMBER (FG)
GROUP NAME
BOM-No.



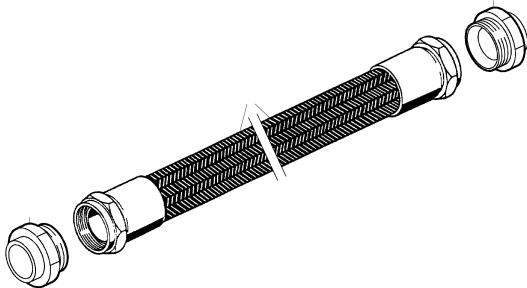
STARTER FOR COMPRESSED AIR
170.00142

17300236



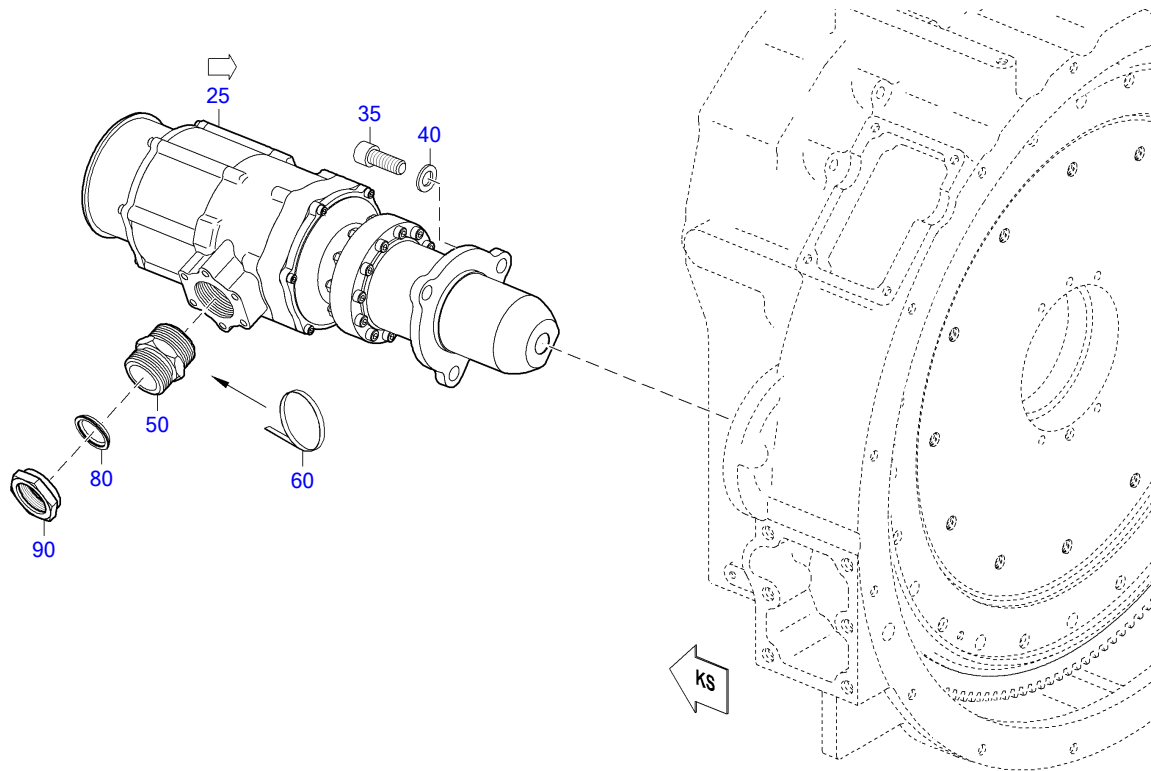
CONNECTING HARDWARE FOR AIR START
170.00143

17300176



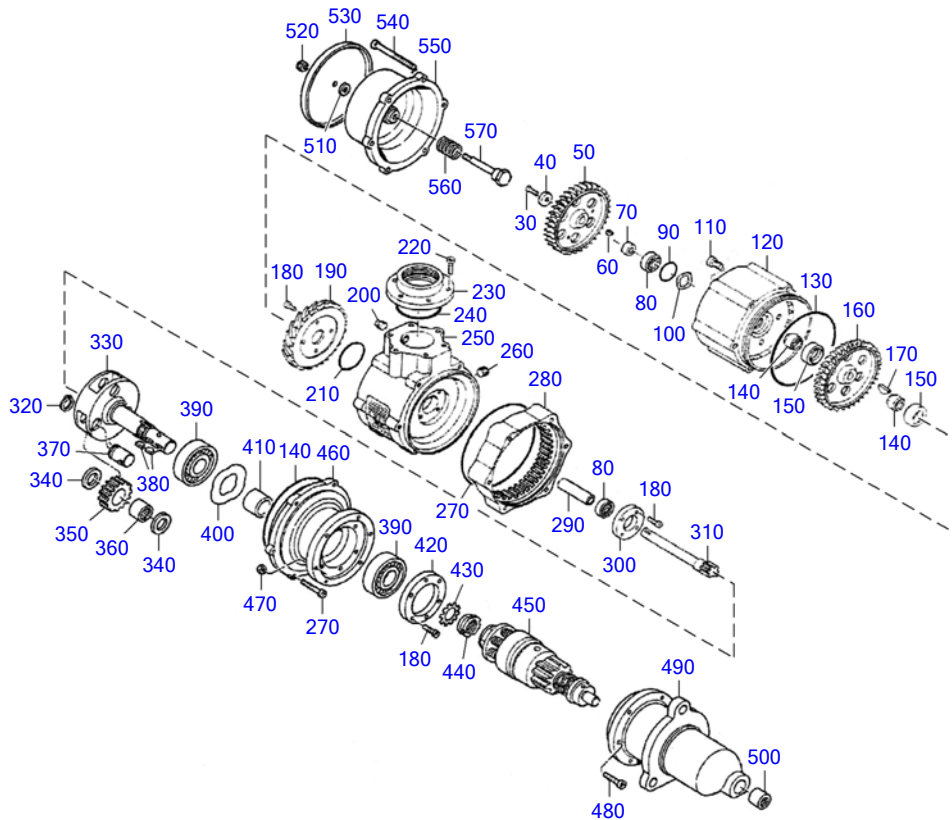
AIR HOSE
XS594170.00005

2070004c



17300236

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
25	X52617300001	STARTER AIR LEFT SIDE	1	PC	24,540 KG		
35	000912016002	BOLT HEX SOC HD	3	PC	93 G	M 16 X 40	DIN912
40	200433017000	WASHER	3	PC	6,600 G	17	DIN433
50	X52617300003	SCREW-FITTING UNION FOR COMPRESSED AIR	1	PC	384 G		
60	50155	TAPE SEALING PTFE	1	PC	14,800 G	12 X 0,1	MTS5034
80	735189042000	SEALING CONE	1	PC	51 G	42	MTN5189
90	915001040002	NUT 40 M52X1.5 BL.GEOELT	1	PC		40 M 52 X 1,5	N15001



17300203

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
30	XP52717300017	SCREW	1	PC			
40	XP52717300018	WASHER	1	PC			
50	XP52717300019	ROTOR	1	PC			
60	XP52717300020	STUD	1	PC			
70	XP52717300077	WASHER	1	PC			
80	Z=9-91224	BALL BEARING	2	PC			
90	XP52717300063	O-RING	1	PC	1 G		
100	XP52717300074	SNAP RING	1	PC	2 G		
110	XP52717300078	SCREW	4	PC		AC	
120	XP52717300021	NOZZLE RING	1	PC		EM	
130	XP52717300004	O-RING	1	PC	1 G		
140	XP52717300001	SEALING RING	2	PC	18 G		
150	XP52717300002	SEALING STRIP	2	PC	1 G		
160	XP52717300023	ROTOR	1	PC			
170	XP52717300024	KEY	1	PC			
180	XP52717300025	SCREW	8	PC			
190	XP52717300032	NOZZLE	1	PC			
200	XP52717300034	PLUG	1	PC			
210	XP52717300005	O-RING	1	PC	1 G		
220	XP52717300035	SCREW	6	PC			
230	XP52717300036	INLET RING	1	PC			
240	XP52717300006	O-RING	1	PC	1 G		
250	XP52717300079	HOUSING	1	PC		AC	
260	XP52717300041	PLUG	1	PC			
270	XP52717300004	O-RING	2	PC	1 G		

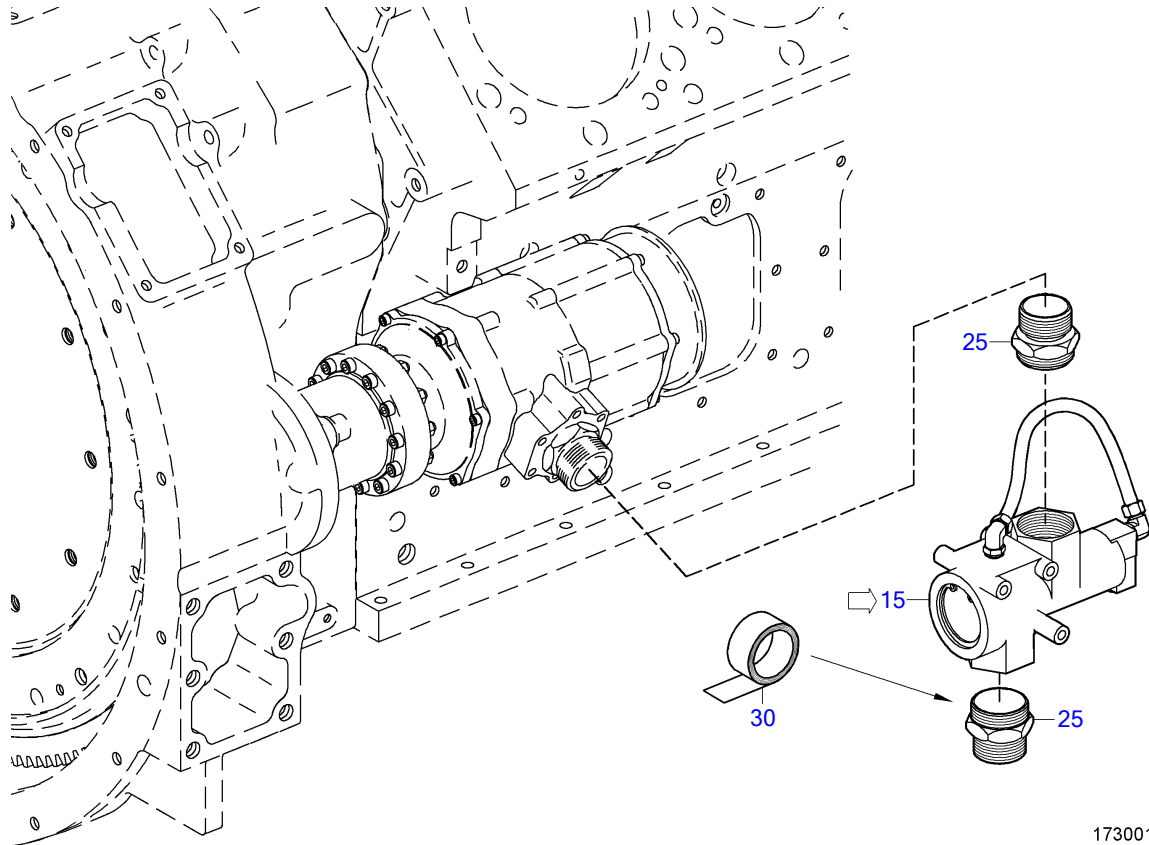
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
STARTER AIR LEFT SIDE

SERIAL NUMBER: 527110243

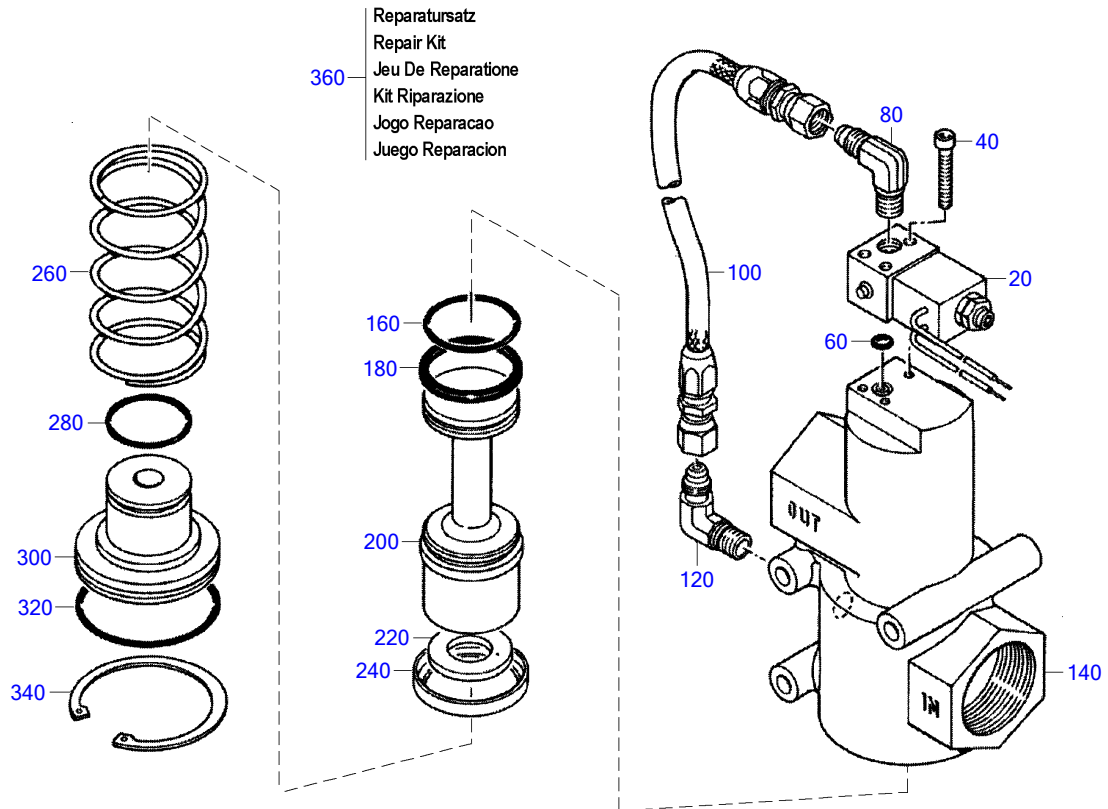
FG/FGS:
BOM-No.: X52617300001

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
280	XP52717300080	RING GEAR	1	PC		AC	
290	XP52717300043	BEARING BUSHING	1	PC	40 G		
300	XP52717300045	WASHER	1	PC	0,500 KG		
310	XP52717300081	TURBINE SHAFT	1	PC		AC	
320	XP52717300008	CLAMPING RING	3	PC	1 G		
330	XP52717300047	PLANETARY GEARING	1	PC			
340	XP52717300048	WASHER	6	PC			
350	XP52717300049	GEAR	1	PC			
360	XP52717300009	NEEDLE BEARING	3	PC	3 G		
370	XP52717300050	PIN	3	PC			
380	XP52717300051	KEY	2	PC			
390	XP52717300010	GROOVED BALL BEARING	2	PC	352,100 G		
400	XP52717300011	WASHER	1	PC	1 G		
410	XP52717300052	BEARING BUSHING	1	PC	81 G		
420	XP52717300055	PLATE	1	PC			
430	XP52717300056	WASHER	1	PC	0,200 KG		
440	XP52717300059	RETAINER	1	PC			SICHERUNGSMUTTER
450	XP52717300082	PINION	1	PC	1 KG		
460	XP52717300060	GEARBOX HOUSING	1	PC			
470	XP52717300061	LOCATING PIN	6	PC			
480	XP52717300058	SCREW	12	PC			
490	XP52717300072	HOUSING	1	PC			
500	XP52717300073	NEEDLE BEARING	1	PC	28,900 G		
510	XP52717300065	WASHER	1	PC	2,360 G		
520	XP52717300066	NUT	1	PC	5,600 G		
530	XP52717300067	COVER	1	PC			
540	XP52717300068	SCREW	6	PC			
550	XP52717300069	HOUSING	1	PC			
560	XP52717300070	PRESSURE SPRING	1	PC			
570	XP52717300071	SCREW	1	PC			



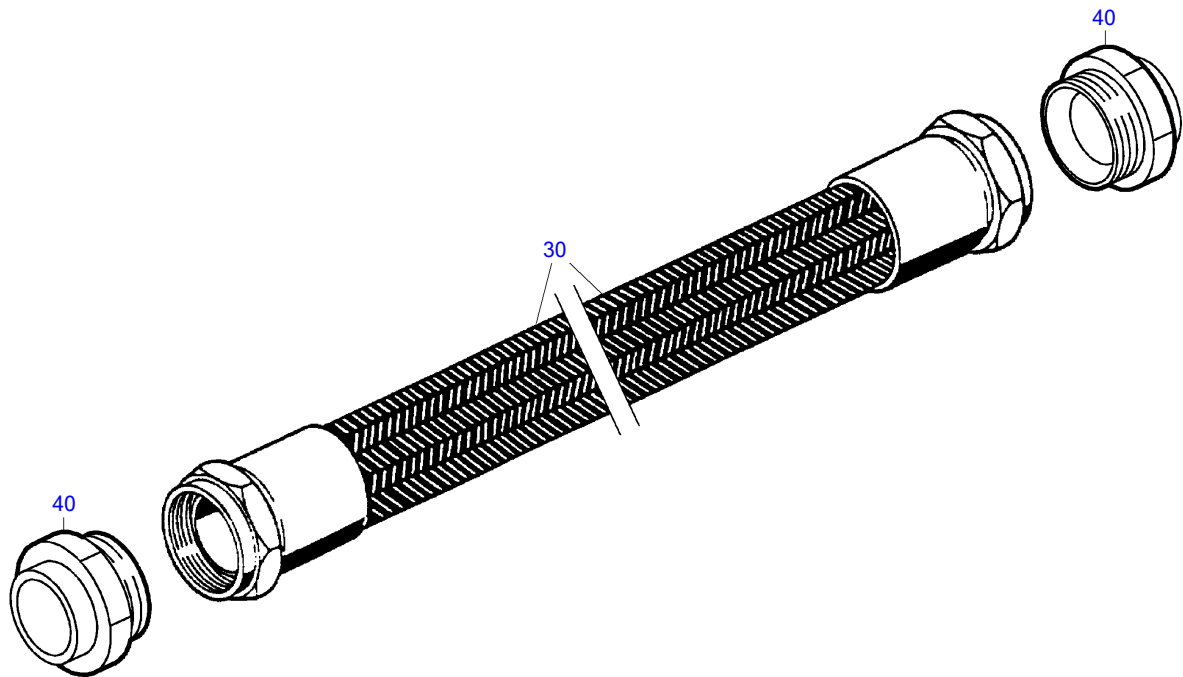
17300178

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
15	5281700102	VALVE AIR STARTER	1	PC	1,949 KG
25	X52617300003	SCREW-FITTING UNION FOR COMPRESSED AIR	2	PC	384 G



17300186

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN
20	XP52899100585	VALVE		1	PC		
40	XP52899100586	SCREW		3	PC		
60	XP52899100588	O-RING		1	PC		
80	XP52899100590	UNION		1	PC		
100	XP52899100592	HOSE		1	PC	0,055 KG	
120	XP52899100593	ELBOW		1	PC		
140	XP52899100594	HOUSING		1	PC		
160	XP52899100595	O-RING		1	PC		
180	XP52899100596	RING		1	PC		
200	XP52803700019	PISTON		1	PC		EM
220	XP52899100603	DAMPER ELEMENT		1	PC		
240	XP52899100602	RING		1	PC		
260	XP52899100601	PRESSURE SPRING		1	PC		
280	XP52899100597	PISTON RING, COMP.		1	PC		
300	XP52899100600	COVER		1	PC		
320	XP52899100598	RING		1	PC		
340	XP52899100599	CIRCLIP		1	PC		
360	XP52800600016	REPAIR KIT	ZU 5281700102	1	PC		



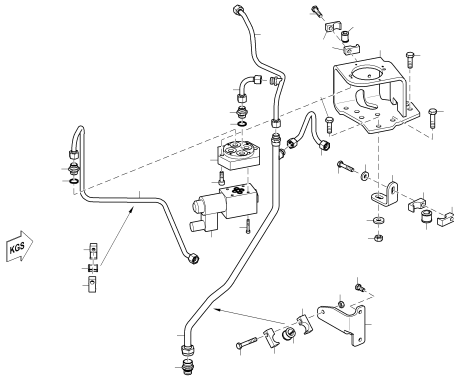
20700004c

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
30	X59412300006	HOSE	DN 40	1	PC	1,720 KG		
40	718363240009	UNION		2	PC	215 G	42/M 52 X 1,5	MMN18363.2

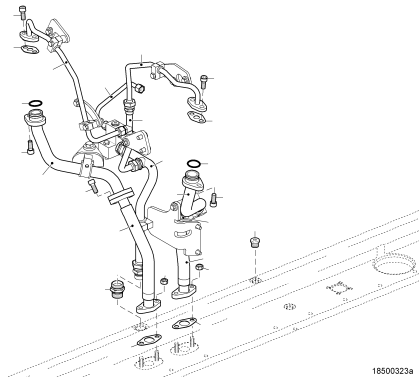
GROUP NUMBER (FG)
GROUP NAME
BOM-No.

CONNECTING HARDWARE
BK310180.304937-01

OIL PRIMING PUMP
BK527180.304937-01



FLAP CONTROL
XS594180.00080



T/CHARGER OIL SUPPLY
XS595180.00046

OIL HEAT EXCHANGER WITH TEST CERT. 3.1
XS595180.00061

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CONNECTING HARDWARE

SERIAL NUMBER: 527110243

FG/FGS: 180 00
BOM-No.: BK310180.304937-01

POS.	PART NO.	DESIGNATION	QTY.	UNITS	FN	MEASUREMENT
50	X58499100029	ELBOW	2	PC	SB	22X1.5

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S

SERIAL NUMBER: 527110243

OIL PRIMING PUMP

FG/FGS: 180

00

BOM-No.: BK527180.304937-01

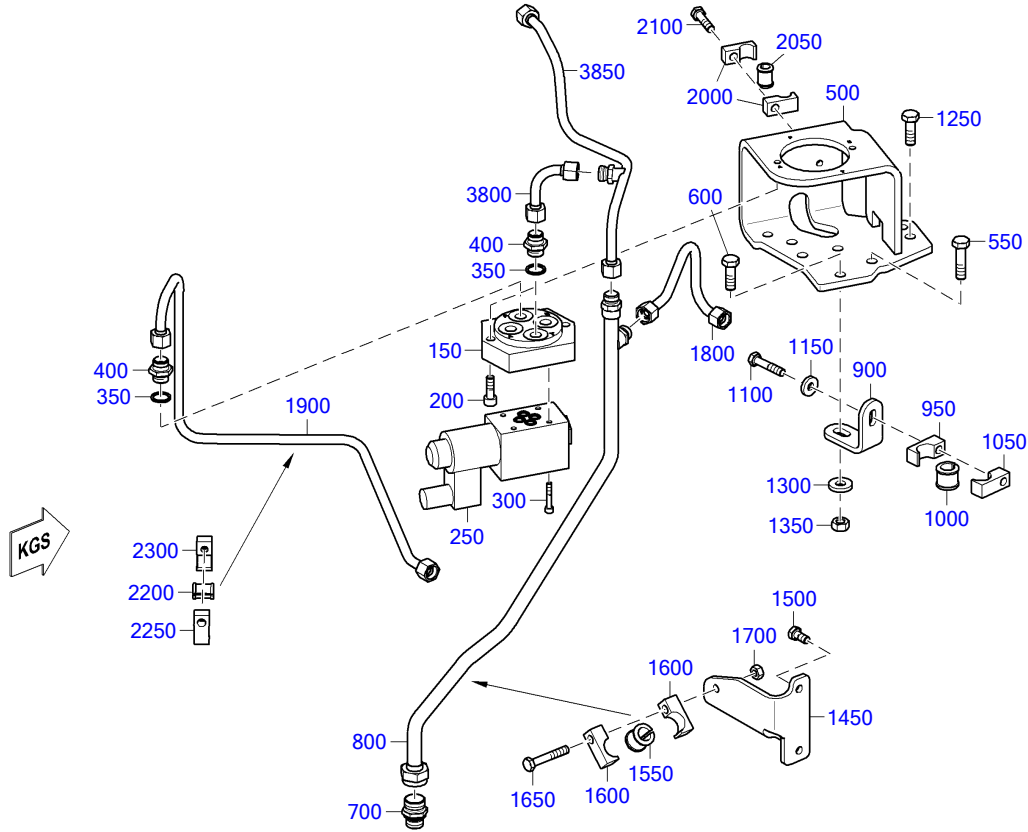
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
100	700160000020	ELBOW 90 DEG KR 20	1	PC	210 G	KR 20	MMN160
150	700419999001	UNION 20G 3/4 A	1	PC	81,500 G	22 G 3/4 A	MMN419
200	007603027100	WASHER A COP	1	PC	3,200 G	A 27 X 32	DIN7603
250	X52799100054	BALL COCK	1	PC		ZL311024	
300	007603027100	WASHER A COP	1	PC	3,200 G	A 27 X 32	DIN7603
350	700419999001	UNION 20G 3/4 A	1	PC	81,500 G	22 G 3/4 A	MMN419
400	700160000020	ELBOW 90 DEG KR 20	1	PC	210 G	KR 20	MMN160
550	206796008000	CONICL SPRING WASHER	8	PC	2,900 G	8	DIN6796
600	304032008014	NUT HEX 8 A3C	4	PC	4,800 G	M 8	ISO4032
650	304017008084	BOLT HEX A3C	4	PC	16,565 G	M 8 X 35	ISO4017

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
FLAP CONTROL

SERIAL NUMBER: 527110243

FG/FGS: 180 00
BOM-No.: XS594180.00080



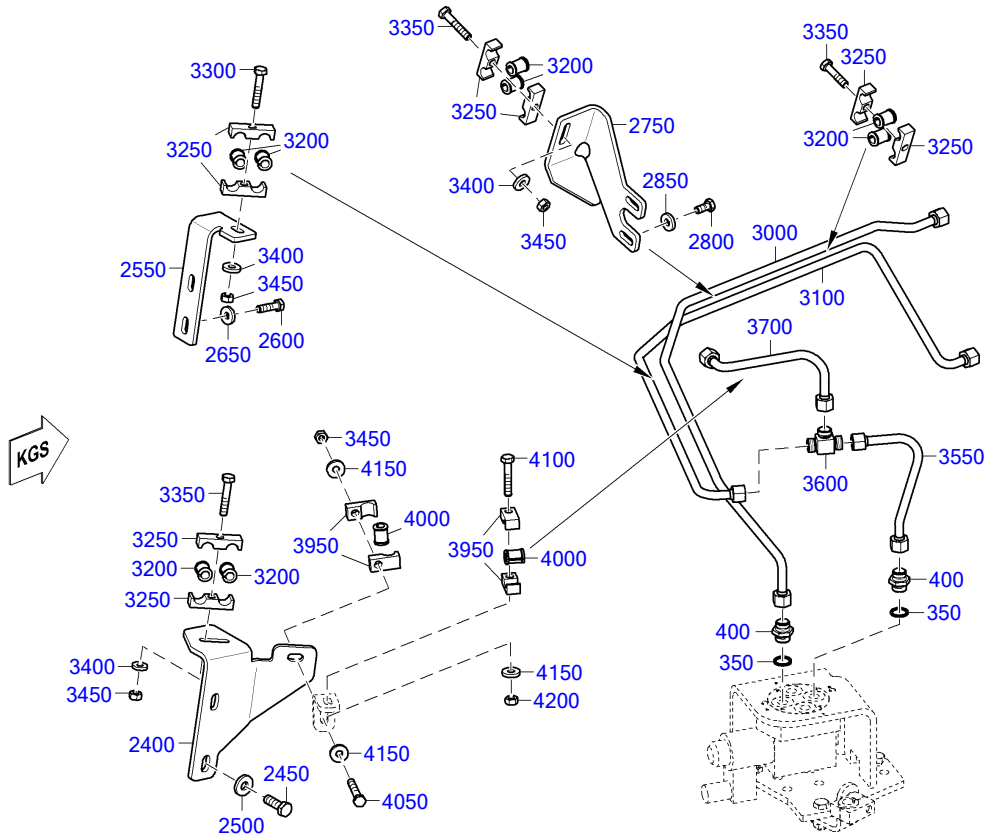
18000389a

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
FLAP CONTROL

SERIAL NUMBER: 527110243

FG/FGS: 180 00
BOM-No.: XS594180.00080



18000388a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
150	X59499100043	VALVE MOUNTING PLATE	1	PC	1,200 KG			
200	000912008055	BOLT HEX SOC HD	2	PC	15 G		M 8 X 25	DIN912
250	X00041391	ACTUATOR VLV	1	PC	1,880 KG			
300	000000003558	BOLT HEX SOC ZNPH R5F	4	PC	5,400 G		M 5 X 30	DIN912
350	007603017102	WASHER A COP	4	PC	1,180 G		A 17 X 21	DIN7603
400	700419999004	UNION 8G 3/8 A	4	PC	33 G		10 G 3/8 A	MMN419
500	X59599100094	RETAINER	1	PC	3,165 KG			
510	000000001039	BOLT HEX A3C	1	PC	29,800 G		M 10 X 40	ISO4017
515	204017010021	BOLT A3C	1	PC	33,200 G		M 10 X 45	ISO4017
530	X59599100096	RETAINER	1	PC	1,345 KG			
540	000125008427	WASHER	2	PC	1,500 G		A 8,4	DIN125
550	304017008081	HEX BOLT	2	PC	13,500 G		M 8 X 25	ISO4017
560	000125010524	WASHER	2	PC	3,100 G		A 10,5	DIN125
570	000000001464	BOLT HEX A3C	2	PC	25 G		M 10 X 30	ISO4017
700	735211015000	UNION	1	PC			15M 18 X 1,5	MTN5211
800	X52618500033	OIL LINE	1	PC		SB		
900	X59420200167	RETAINER	1	PC	141 G			
950	700325022100	CLAMP HALF TUBE 1/1 D9-22	1	PC	48 G		1/1 D 9 - 22	MMN325
1000	700327015000	GROMMET	1	PC	7,180 G		15	MMN327
1050	700325022200	CLAMP HALF TUBE 1/1 G8-22	1	PC	49 G		1/1 G 8 - 22	MMN325
1100	304017008085	BOLT HEX	1	PC	18 G		M 8 X 40	ISO4017
1150	007349008002	WASHER	1	PC	8,300 G		8,4	DIN7349
1250	000000001464	BOLT HEX A3C	1	PC	25 G		M 10 X 30	ISO4017
1300	007349010002	WASHER	1	PC	11 G		10,5	DIN7349
1350	000000003187	NUT HEX A3C	1	PC			M 10	ISO4032
1450	X59499100442	RETAINER	1	PC				
1500	204017008009	BOLT	2	PC	11 G		M 8 X 18	ISO4017
1550	700327015000	GROMMET	1	PC	7,180 G		15	MMN327
1600	700325022100	CLAMP HALF TUBE 1/1 D9-22	1	PC	48 G		1/1 D 9 - 22	MMN325
1650	700325022200	CLAMP HALF TUBE 1/1 G8-22	1	PC	49 G		1/1 G 8 - 22	MMN325
1700	304017008083	BOLT HEX A3C	1	PC	15 G		M 8 X 30	ISO4017
1800	X52618500034	OIL LINE	1	PC		SB		
1900	X59418500058	OIL LINE	1	PC	0,192 KG	SB		
2000	700325015100	CLAMP HALF TUBE 1/1 D9-15	2	PC	34,030 G		1/1 D 9 - 15	MMN325
2050	700327010000	GROMMET	1	PC	3,650 G		10	MMN327
2100	304017008084	BOLT HEX A3C	1	PC	16,565 G		M 8 X 35	ISO4017
2200	700327010000	GROMMET	1	PC	3,650 G		10	MMN327
2250	700325015100	CLAMP HALF TUBE 1/1 D9-15	1	PC	34,030 G		1/1 D 9 - 15	MMN325
2300	700325015200	CLAMP HALF TUBE 1/1 G8-15	1	PC	35 G		1/1 G 8 - 15	MMN325
2400	X59599100098	RETAINER	1	PC				
2450	000000001464	BOLT HEX A3C	2	PC	25 G		M 10 X 30	ISO4017
2500	007349010002	WASHER	2	PC	11 G		10,5	DIN7349
2550	X52699100201	RETAINER	1	PC				
2600	304017008083	BOLT HEX A3C	2	PC	15 G		M 8 X 30	ISO4017
2650	007349008002	WASHER	2	PC	8,300 G		8,4	DIN7349
2750	X52618500026	RETAINER	1	PC				
2800	204017008009	BOLT	2	PC	11 G		M 8 X 18	ISO4017
2850	007349008002	WASHER	2	PC	8,300 G		8,4	DIN7349
3000	X59418500061	OIL LINE	1	PC		SB		
3100	X59418500059	OIL LINE	1	PC		SB		
3170	X00006907	RETAINER	1	PC				
3200	700327010000	GROMMET	8	PC	3,650 G		10	MMN327
3250	700325015104	CLAMP HALF TUBE 2/1 D9-15	8	PC	47 G		2/1 D 9 - 15	MMN325
3300	304017008084	BOLT HEX A3C	1	PC	16,565 G		M 8 X 35	ISO4017

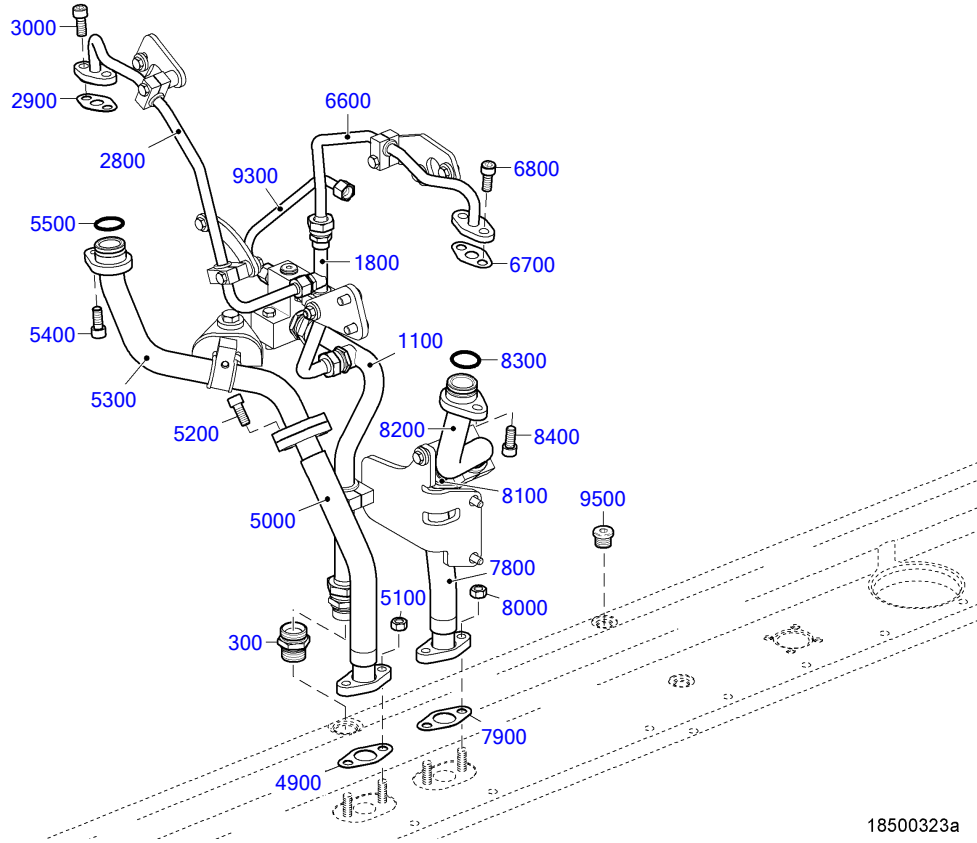
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
3350	304017008086	BOLT HEX A3C	2	PC	19,400 G		M 8 X 45	ISO4017
3360	304017008088	BOLT HEX A3C	1	PC	23,440 G		M 8 X 55	ISO4017
3400	007349008002	WASHER	4	PC	8,300 G		8,4	DIN7349
3450	304032008014	NUT HEX 8 A3C	3	PC	4,800 G		M 8	ISO4032
3550	X59418500053	OIL LINE	1	PC		SB		
3600	5569970674	FITTING TEE	1	PC	62 G		DN 8 / M16X1,5	
3700	X59418500054	OIL LINE	1	PC	95 G	SB		
3715	700325015100	CLAMP HALF TUBE 1/1 D9-15	1	PC	34,030 G		1/1 D 9 - 15	MMN325
3720	700325015200	CLAMP HALF TUBE 1/1 G8-15	1	PC	35 G		1/1 G 8 - 15	MMN325
3730	700327010000	GROMMET	1	PC	3,650 G		10	MMN327
3740	304017008084	BOLT HEX A3C	1	PC	16,565 G		M 8 X 35	ISO4017
3800	X59418500057	OIL LINE	1	PC	0,060 KG	SB		
3850	X59418500056	OIL LINE	1	PC	0,160 KG	SB		
3925	X59499100080	RETAINER	1	PC	85 G			
3950	700325015100	CLAMP HALF TUBE 1/1 D9-15	4	PC	34,030 G		1/1 D 9 - 15	MMN325
4000	700327010000	GROMMET	2	PC	3,650 G		10	MMN327
4050	304017008088	BOLT HEX A3C	1	PC	23,440 G		M 8 X 55	ISO4017
4100	304017008086	BOLT HEX A3C	1	PC	19,400 G		M 8 X 45	ISO4017
4150	007349008002	WASHER	3	PC	8,300 G		8,4	DIN7349
4200	304032008014	NUT HEX 8 A3C	2	PC	4,800 G		M 8	ISO4032

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
T/CHARGER OIL SUPPLY

SERIAL NUMBER: 527110243

FG/FGS: 180 00
BOM-No.: XS595180.00046

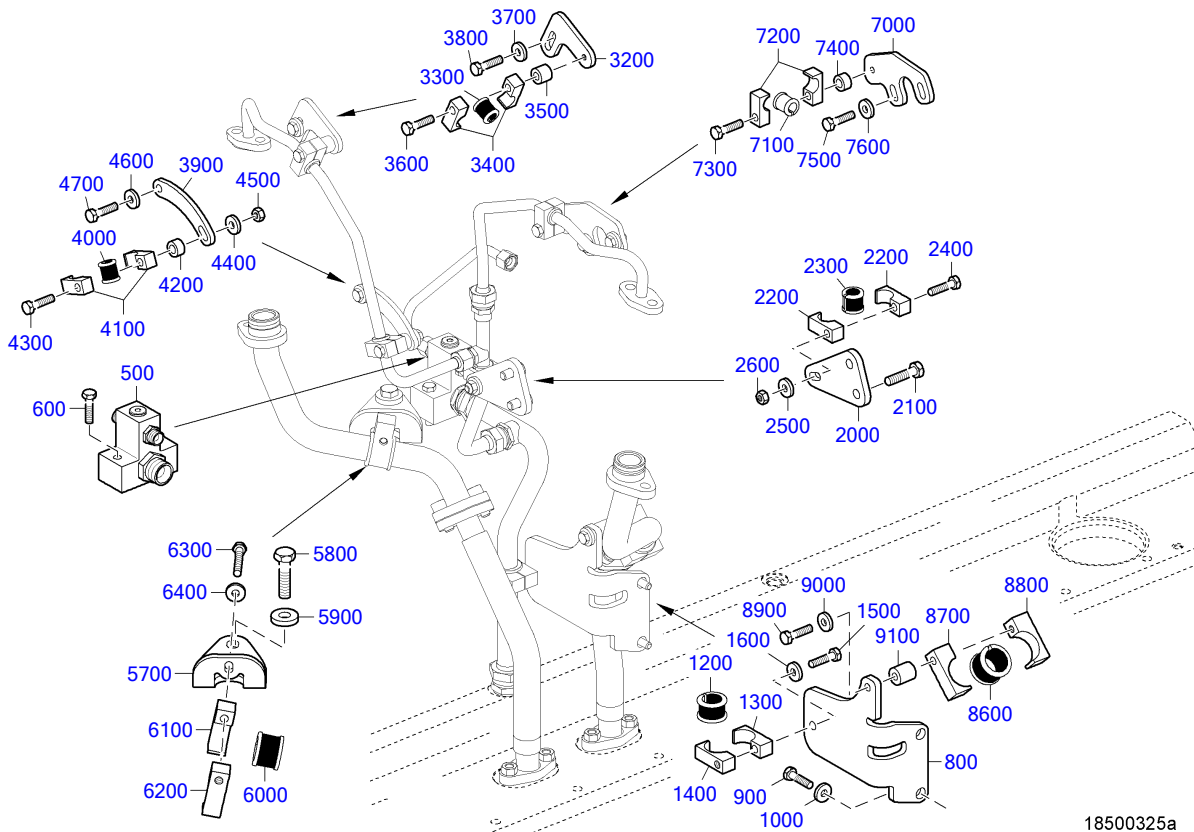


EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
T/CHARGER OIL SUPPLY

SERIAL NUMBER: 527110243

FG/FGS: 180 00
BOM-No.: XS595180.00046



POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
300	735211022000	UNION THD O-RING	1	PC	101,200 KG		22M 27 X 2	MTN5211
500	X52618500017	CONNECTING PIECE	1	PC	1,207 KG			
600	304017008086	BOLT HEX A3C	2	PC	19,400 G		M 8 X 45	ISO4017
800	X52618500018	RETAINER	1	PC				
900	304017008081	HEX BOLT	2	PC	13,500 G		M 8 X 25	ISO4017
1000	007349008002	WASHER	2	PC	8,300 G		8,4	DIN7349
1100	X52618500019	OIL SUPPLY LINE	1	PC	589 G	SB		
1200	700327022000	GROMMET	1	PC	9 G		22	MMN327
1300	700325028100	CLAMP HALF TUBE 1/1 D9-28	1	PC	55 G		1/1 D 9 - 28	MMN325
1400	700325028200	CLAMP HALF TUBE 1/1 G8-28	1	PC	57 G		1/1 G 8 - 28	MMN325
1500	304017008086	BOLT HEX A3C	1	PC	19,400 G		M 8 X 45	ISO4017
1800	X52618500020	OIL LINE	1	PC	272 G	SB		
2000	X52899100015	RETAINER	1	PC	262 G			
2100	000000003020	BOLT HEX A3C	2	PC	20,010 G		M 10 X 20	ISO4017
2200	700325022100	CLAMP HALF TUBE 1/1 D9-22	2	PC	48 G		1/1 D 9 - 22	MMN325
2300	700327015000	GROMMET	1	PC	7,180 G		15	MMN327
2400	304017008088	BOLT HEX A3C	1	PC	23,440 G		M 8 X 55	ISO4017
2500	007349008002	WASHER	1	PC	8,300 G		8,4	DIN7349
2600	304032008014	NUT HEX 8 A3C	1	PC	4,800 G		M 8	ISO4032
2800	X52618500022	OIL LINE	1	PC	261 G	SB		
2900	5501871180	GASKET	1	PC	1 G			
3000	000912010065	BOLT HEX SOC HD	2	PC	24,200 G		M 10 X 25	DIN912
3200	X59499100108	RETAINER	1	PC	57 G			
3300	700327012000	GROMMET	1	PC	4,600 G		12	MMN327
3400	700325018100	CLAMP HALF TUBE 1/1 D9-18	2	PC	40 G		1/1 D 9 - 18	MMN325
3500	83320300053	SPACER TUBE	1	PC	21,700 G			
3600	304017008087	BOLT HEX	1	PC	4,263 G		M 8 X 50	ISO4017
3700	007349008002	WASHER	1	PC	8,300 G		8,4	DIN7349
3800	204017008009	BOLT	1	PC	11 G		M 8 X 18	ISO4017
3900	X59499100512	RETAINER	1	PC	0,150 KG			
4000	700327012000	GROMMET	1	PC	4,600 G		12	MMN327
4100	700325018100	CLAMP HALF TUBE 1/1 D9-18	2	PC	40 G		1/1 D 9 - 18	MMN325
4200	55115300050	SPACER BUSHING	1	PC	13,310 G		Ø18/Ø10 x 10	
4300	304017008086	BOLT HEX A3C	1	PC	19,400 G		M 8 X 45	ISO4017
4600	007349008002	WASHER	2	PC	8,300 G		8,4	DIN7349
4700	204017008009	BOLT	2	PC	11 G		M 8 X 18	ISO4017
4900	X00009917	GASKET	2	PC	2,200 G			
5000	X59518500041	OIL RETURN LINE	1	PC		EM		
5100	000000003187	NUT HEX A3C	2	PC			M 10	ISO4032
5200	000912010065	BOLT HEX SOC HD	2	PC	24,200 G		M 10 X 25	DIN912
5300	X59518500043	OIL RETURN LINE	1	PC		SB EM		
5400	000912010065	BOLT HEX SOC HD	1	PC	24,200 G		M 10 X 25	DIN912
5500	700429028005	O-RING	1	PC	3 G		28,15X 3,5	MMN429
5700	X59418500037	RETAINER	1	PC				
5800	000000003381	BOLT HEX A3C	1	PC	41 G		M 12 X 35	ISO4017
5900	007349013002	WASHER	1	PC	22,600 G	MN	13	DIN7349
6000	700327028000	GROMMET	1	PC	13,510 G		28	MMN327
6100	700325035100	CLAMP HALF TUBE 1/1 D9-35	1	PC	104 G		1/1 D 9 - 35	MMN325
6200	700325035200	CLAMP HALF TUBE 1/1 G8-35	1	PC			1/1 G 8 - 35	MMN325
6300	304017008088	BOLT HEX A3C	1	PC	23,440 G		M 8 X 55	ISO4017
6400	007349008002	WASHER	1	PC	8,300 G		8,4	DIN7349
6600	X52618500021	OIL LINE	1	PC	257 G	SB		
6700	5501871180	GASKET	1	PC	1 G			
6800	000912010065	BOLT HEX SOC HD	2	PC	24,200 G		M 10 X 25	DIN912

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
T/CHARGER OIL SUPPLY

SERIAL NUMBER: 527110243

FG/FGS: 180 00

BOM-No.: XS595180.00046

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
7000	X59499100109	RETAINER	1	PC	179 G			
7100	700327012000	GROMMET	1	PC	4,600 G		12	MMN327
7200	700325018100	CLAMP HALF TUBE 1/1 D9-18	2	PC	40 G		1/1 D 9 - 18	MMN325
7300	304017008086	BOLT HEX A3C	1	PC	19,400 G		M 8 X 45	ISO4017
7400	5511530050	SPACER BUSHING	1	PC	13,310 G		Ø18/Ø10 × 10	
7500	204017008009	BOLT	2	PC	11 G		M 8 X 18	ISO4017
7600	007349008002	WASHER	2	PC	8,300 G		8,4	DIN7349
7800	X59518500042	OIL RETURN LINE	1	PC		EM		
7900	X00009917	GASKET	2	PC	2,200 G			
8000	000000003187	NUT HEX A3C	2	PC			M 10	ISO4032
8100	000912010065	BOLT HEX SOC HD	2	PC	24,200 G		M 10 X 25	DIN912
8200	X59518500044	OIL RETURN LINE	1	PC	670 G	SB EM		
8300	700429028005	O-RING	1	PC	3 G		28,15X 3,5	MMN429
8400	000912010065	BOLT HEX SOC HD	1	PC	24,200 G		M 10 X 25	DIN912
8600	700327028000	GROMMET	1	PC	13,510 G		28	MMN327
8700	700325035100	CLAMP HALF TUBE 1/1 D9-35	1	PC	104 G		1/1 D 9 - 35	MMN325
8800	700325035200	CLAMP HALF TUBE 1/1 G8-35	1	PC			1/1 G 8 - 35	MMN325
8900	000000004389	HEX SCREW	1	PC	29,800 G		M 8 X 75	ISO4017
9000	007349008002	WASHER	1	PC	8,300 G		8,4	DIN7349
9100	5564910150	BUSHING	1	PC	44 G			
9300	X52618500023	OIL LINE	1	PC		SB		
9500	735210018000	PLUG	1	PC	35,800 KG		M 18 X 1,5	MTN5210

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
OIL HEAT EXCHANGER WITH TEST CERT. 3.1

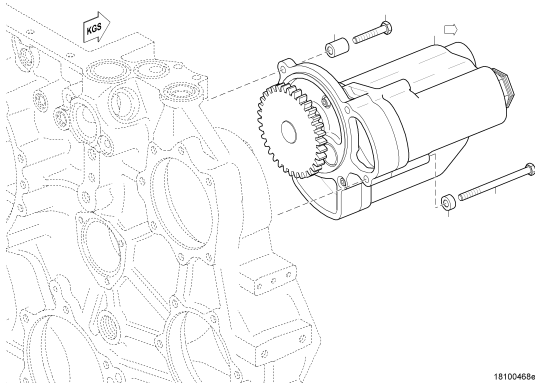
SERIAL NUMBER: 527110243

FG/FGS: 180 00

BOM-No.: XS595180.00061

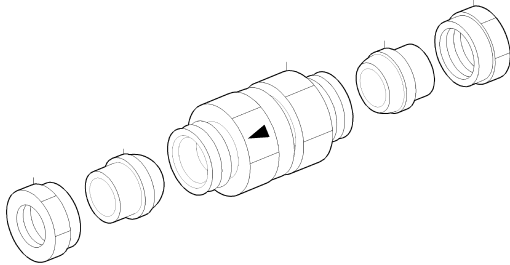
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
100	0001803465/87	OIL HEAT EXCHANGER WITH TEST CERT. 3.1	MIT 61 PLATTEN	1	PC	53,500 KG	EM		
200	700429050003	O-RING		4	PC	4,600 G		50 X 4	MMN429
250	000912010066	BOLT HEX SOC HD		4	PC	29 G		M 10 X 35	DIN912
300	000125010524	WASHER		4	PC	3,100 G		A 10,5	DIN125
350	X59518300010	OIL. DISTR. HOUSING		1	PC				
450	700429075001	O-RING		2	PC	10,900 G		75 X 5	MMN429
500	000939012061	STUD		3	PC	40,500 G		M 12 X 40	DIN939
550	000125013012	WASHER		3	PC	5,320 G	MN	A 13	DIN125
600	000000004744	HEX NUT		3	PC	32 G		M 12	ISO4032
650	000000003378	HEX SCREW		3	PC	124 G		M 12 X130	ISO4014
750	X59318300025	RETURN LOCK FOR OIL COOLER		2	PC	9,114 KG			
800	700429060002	O-RING		4	PC	5,870 G		60 X 4	MMN429
850	000000001039	BOLT HEX A3C		6	PC	29,800 G		M 10 X 40	ISO4017

GROUP NUMBER (FG)
GROUP NAME
BOM-No.

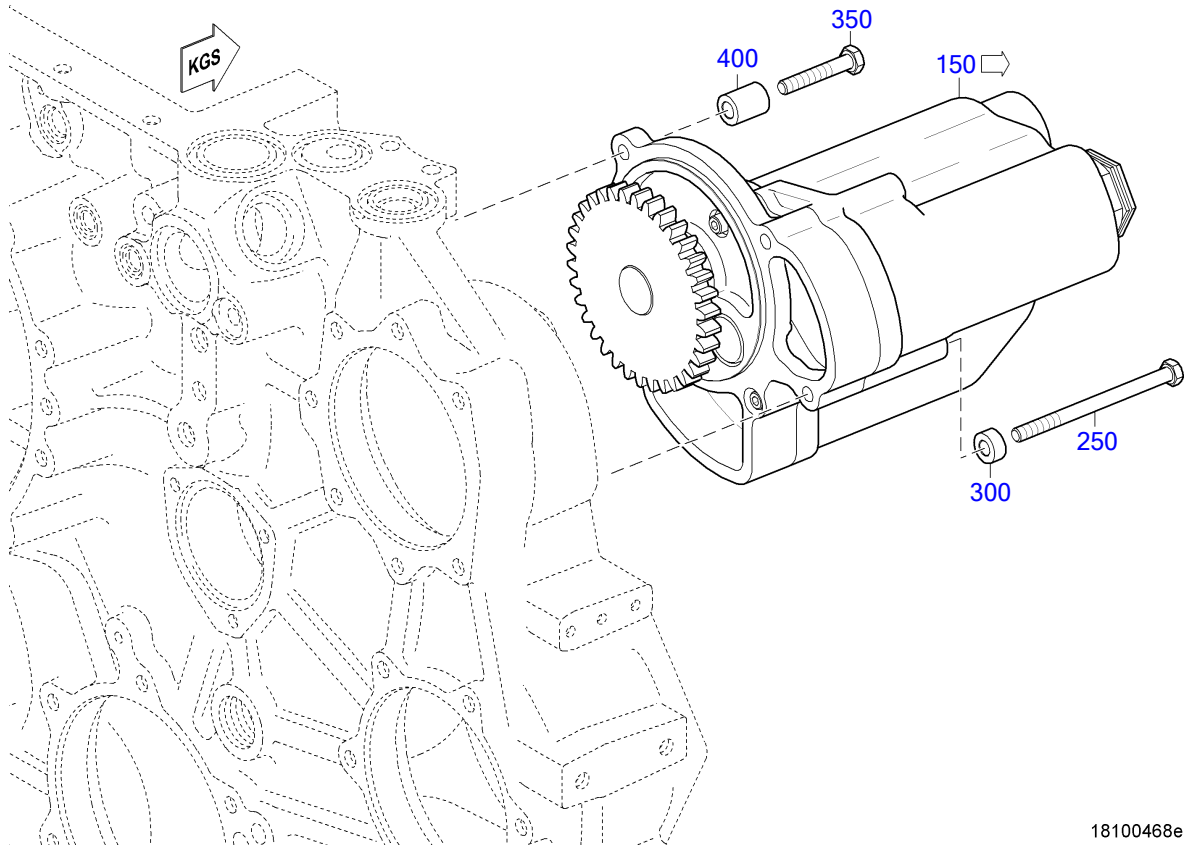


OIL PUMP
XS527180.00010

PUMP UNIT
XS594180.00111

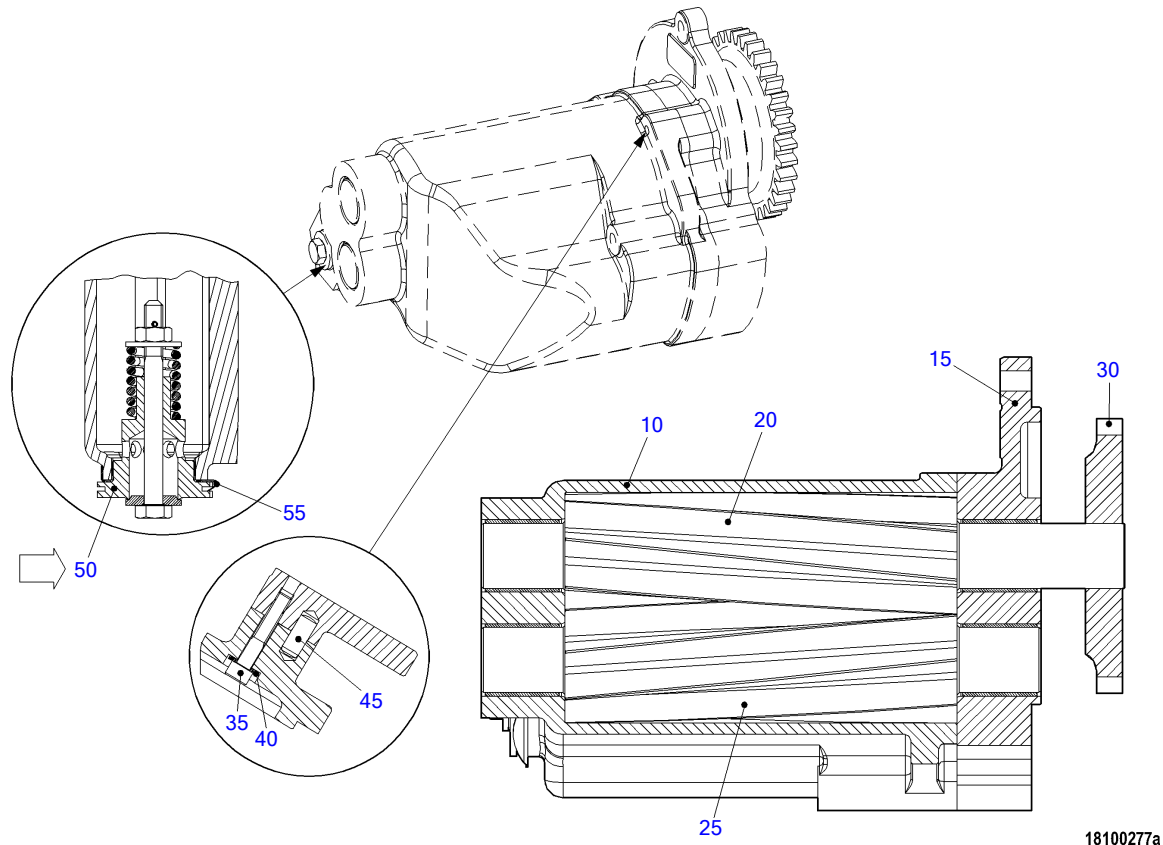


NON-RETURN VALVE FOR OIL PRIMING PUM
180.00443



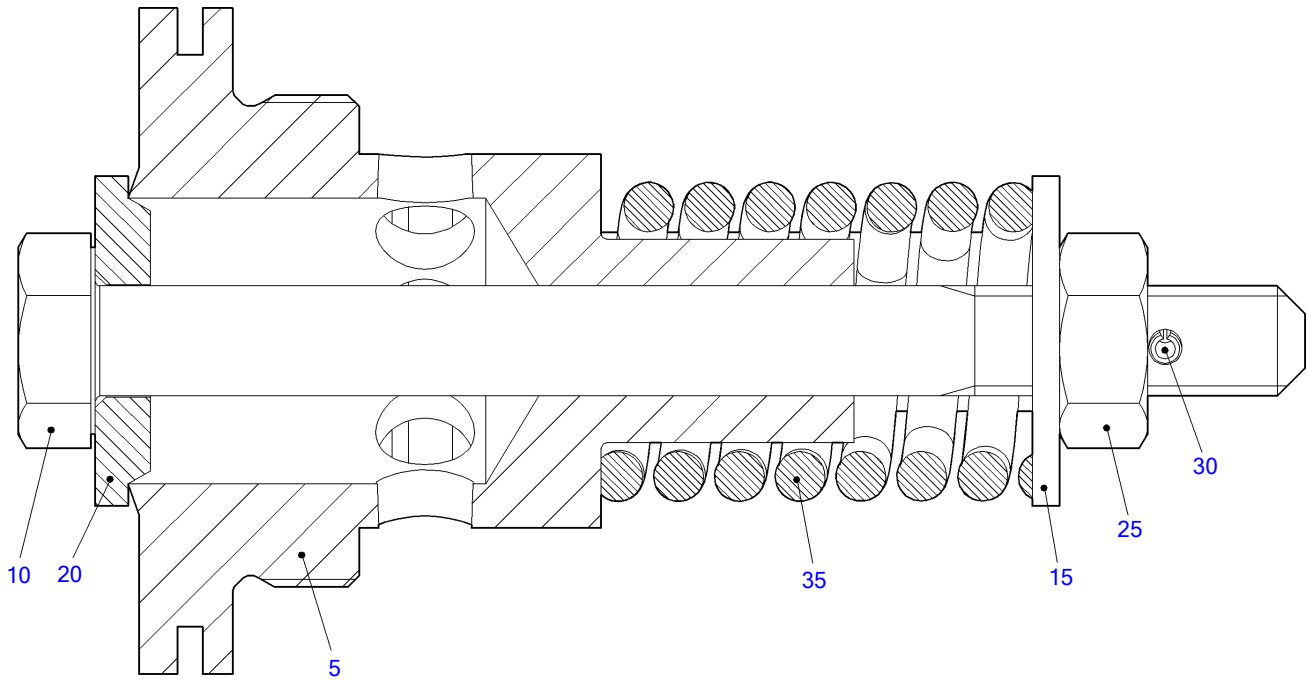
18100468e

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
150	0021806201	O/PUMP ASM		1	PC				
250	304014010015	BOLT HEX		3	PC	91 G		M 10 X140	ISO4014
300	735151010200	SPACER S2000/4000		3	PC	22,300 G	MN	B 10,5	MTN5151
350	304017010051	BOLT HEX		1	PC	39,800 G		M 10 X 60	ISO4017
400	5241871853	SPACER SLEEVE	BR 4000	1	PC	65 G		11MM X 22MM L=28	



18100277a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10		HOUSING	1	PC		KE		
15	Z=404824	COVER	1	PC		AC		
20	Z=404881	SHAFT	1	PC		AC		
25	Z=404882	AXLE	1	PC		AC		
30	Z=404880	GEAR	1	PC		AC		
35	000912008072	BOLT HEX SOC HD	3	PC	22,060 G		M 8 X 45	DIN912
40	206796008000	CONICL SPRING WASHER	3	PC	2,900 G		8	DIN6796
45	000007010130	DOWEL PIN	2	PC			10 M6 X 24	DIN7
50	Z=413549	VALVE	1	PC				
55	Z=409853	WASHER	1	PC				



18100278a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
5	Z=176215-2	VALVE SEAT	1	PC		AC		
10	Z=176566-8	SCREW	1	PC		AC	M 10 X 110 -D3	
15	Z=252593-9	WASHER	1	PC		AC	10,5	
20	Z=406207	WASHER	1	PC		AC	D 10,2 X D30 X 5	
25	000934010007	NUT HEX	1	PC	10,300 G		M 10	DIN934
30	Z=253613-4	SPRING PIN	1	PC		AC	3 X 16	DIN1481
35	Z=256397-1	PRESSURE SPRING	1	PC		AC		DIN17224

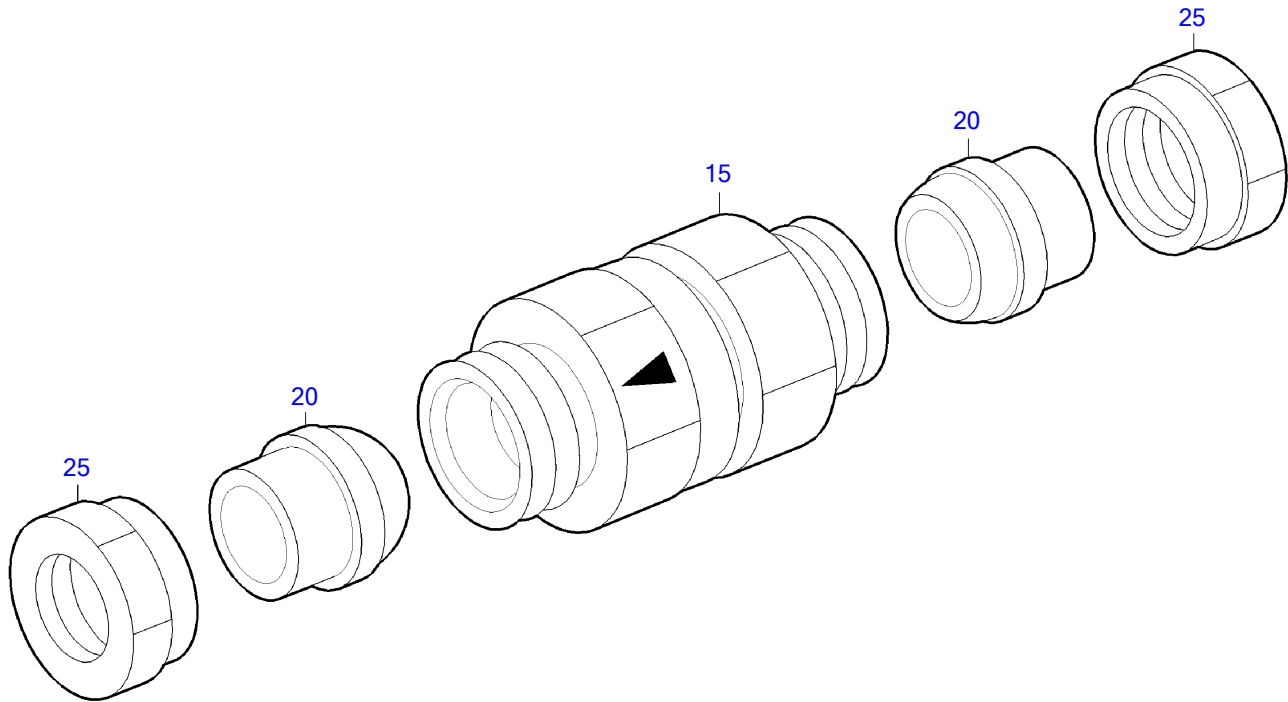
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
PUMP UNIT

SERIAL NUMBER: 527110243

FG/FGS: 181 15
BOM-No.: XS594180.00111

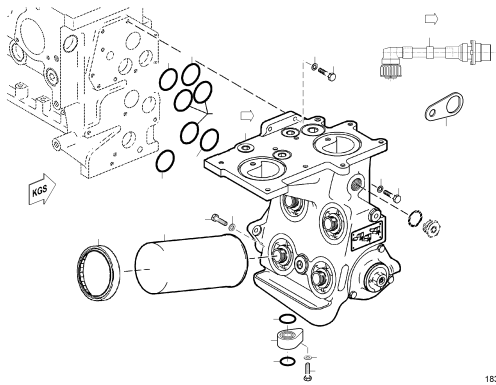
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
30	X59418100011/87	PUMP UNIT	RICKMEIER,3 PHAS.460V,60HZ	1	PC	28,500 KG		
50	915003020202	BALL-TYPE UNION		2	PC		B2 -22	MBN15003
60	915001020003	NUT		2	PC	48 G	20 M 30 X 1,5	N15001
70	700419999002	UNION 20G 1 A		2	PC	128 G	22 G 1 A	MMN419
80	007603033100	WASHER A33X39 COP METALLIC		2	PC	4,770 G	A 33 X 39	DIN7603



18100211a

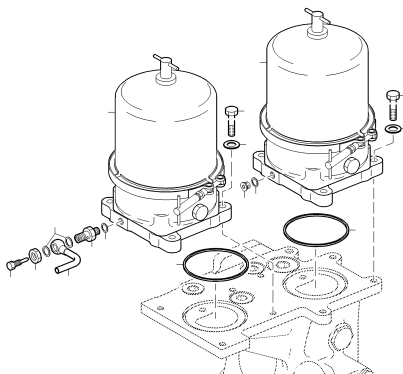
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
15	735080022201	VALVE NON-RETURN RHDK 22-L 0.5	1	PC	458 G	RHDK 22-L 0,5	MTN5080
20	915003020202	BALL-TYPE UNION	2	PC		B2 -22	MBN15003
25	915001020003	NUT	2	PC	48 G	20 M 30 X 1,5	N15001

GROUP NUMBER (FG)
GROUP NAME
BOM-No.



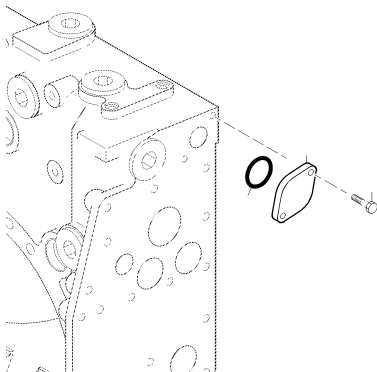
OIL FILTER W/DIVERTER VALVE
XS593180.00023

18301208



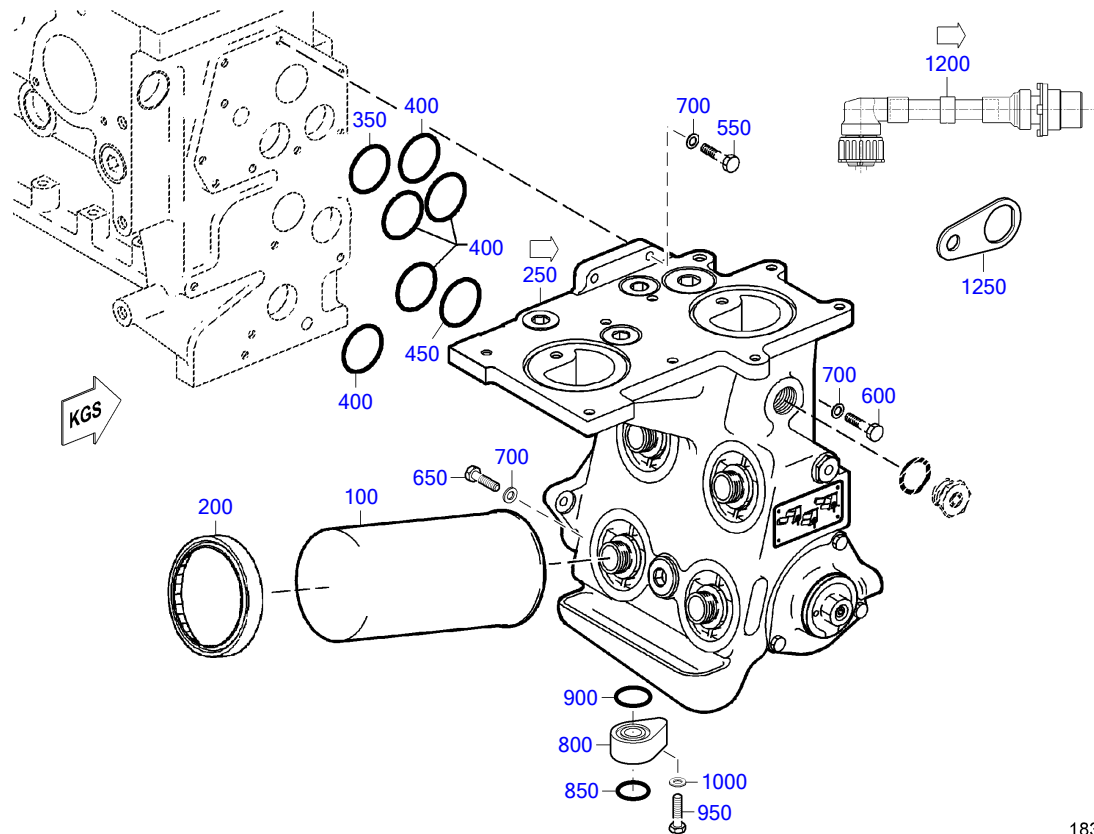
CENTRIFUGAL OIL FLTR
XS526180.00008

18300038a



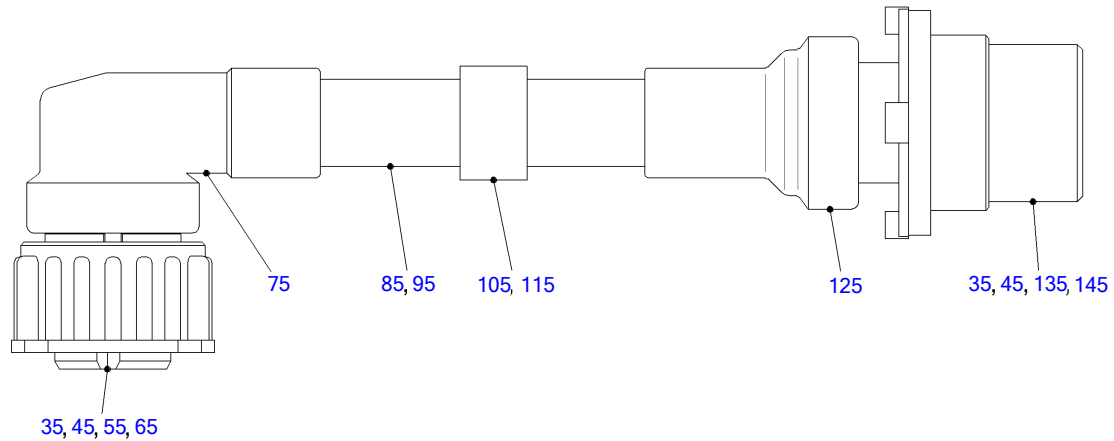
SEAL ELEM. F/COOLANT DISTR. HS
180.00268

18000654a



18301208

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
100	0031845301	OIL FILTER SPIN-ON		4	PC	2,200 KG	AB		
200	X00040625	COVER FOR SOLAS		4	PC	7 G			
250	X59318300013	OIL FILTER HOUSING		1	PC	38,900 KG			
350	700429070002	O-RING		1	PC	7 G		70 X 4	MMN429
400	700429058001	O-RING		5	PC	6 G		58 X 4	MMN429
450	700429076000	O-RING		1	PC	7,090 G		76 X 4	MMN429
550	000000001039	BOLT HEX A3C		4	PC	29,800 G		M 10 X 40	ISO4017
600	204014010015	HEX SCREW		5	PC			M 10 X180	ISO4014
700	000125010524	WASHER		10	PC	3,100 G		A 10,5	DIN125
800	X59318300006	SPACER		1	PC	1,015 KG			
850	700429040003	O-RING		1	PC	6,070 G		40 X 5	MMN429
900	700429045000	O-RING		1	PC	6,920 G		45 X 5	MMN429
950	000000003437	BOLT HEX A3C		1	PC	52 G	M	M 12 X 50	ISO4017
1000	000125013012	WASHER		1	PC	5,320 G	MN	A 13	DIN125
1200	5265303735	CABLE	12/16V4000 M	1	PC	43,500 G		L	
1250	5241534340	BRACKET H:14	4000	1	PC	24,100 G			



50701429a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
35	0165313283	MALE CONNECTOR	STECKER F. BU-KONTAKTE 2,5MM	1	PC	11,500 G	4POL. CODE 1 / DIN 72585	
45	0165313383	FEMALE CONTACT		2	PC	0,200 G	0,5-1,0 MM ² / D=2,5MM	
55	0165313483	SINGLE-CORE INSUL		4	PC	0,100 G	1,2-2,0 MM / D2,5MM	
65	0165313583	BLANKING PLUG	BLINDSTOPFEN	4	PC	0,100 G	SYSTEM 2,5MM / 2,8MM	
75	0165313683	CAP	STECKERKAPPE WELLROHRADAPTER	1	PC	5,760 G	90 GRAD / NW10 / DIN 72585	
85	0095319080	CABLE	RADDOX 155S RW VERDRILLT	0,170	M		1X2X1,0QMM / WS / NUMMERIERT	
95	0005337043	PIPE	359.	0,050	M		WELLROHR NW10	
105	700461105001	MARKER SLEEVE		1	PC		5/B	MMN461
115	700461205007	MARKER SLEEVE		1	PC		5/7	MMN461
125	0165313783	CAP	STECKERKAPPE WELLROHRADAPTER	1	PC	4,470 G	180 GRAD / NW10 / DIN 72585	
135	0165313883	FEMALE CONNECTOR		1	PC	13,400 G	4POL. CODE 1 / DIN 72585	
145	0165313983	PIN CONTACT	STIFTKONTAKT VERSILBERT	2	PC	0,700 G	0,5-1,0 MM ² / D=2,5MM	

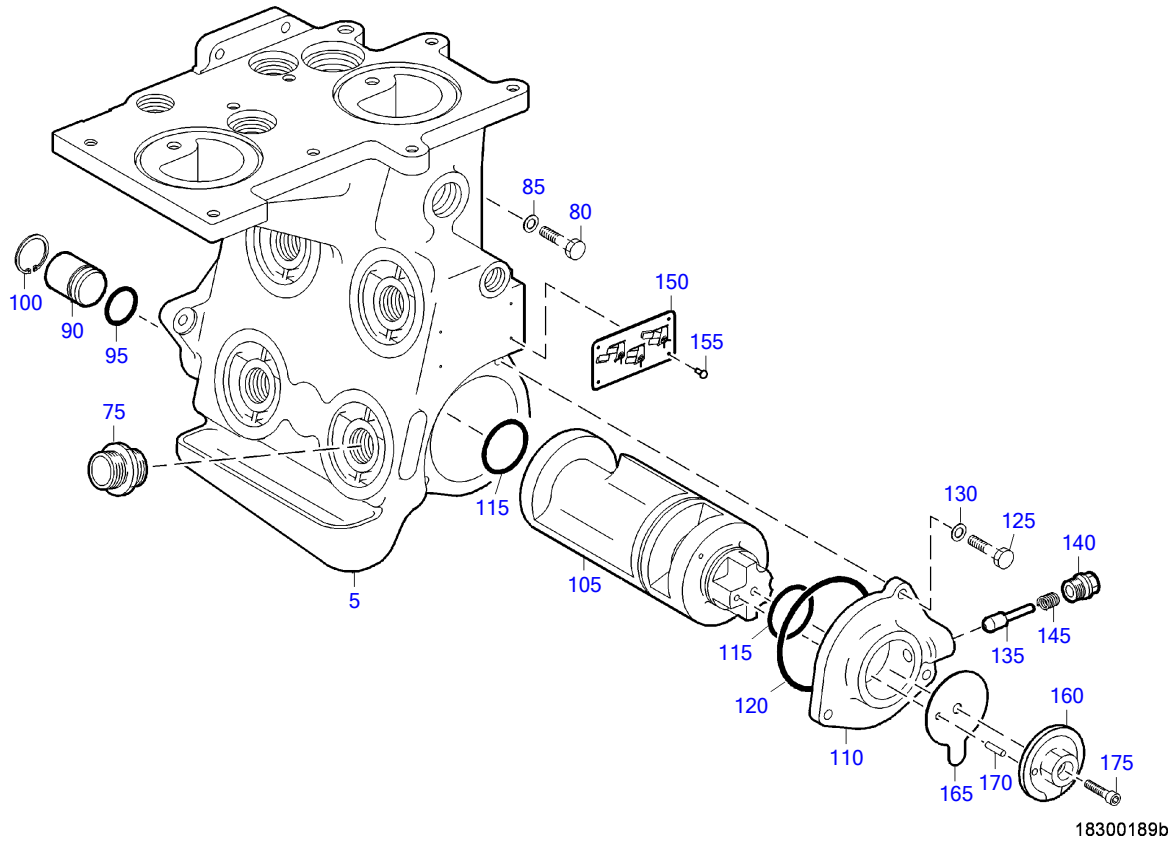
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
OIL FILTER HOUSING

SERIAL NUMBER: 527110243

FG/FGS:

BOM-No.: X59318300013



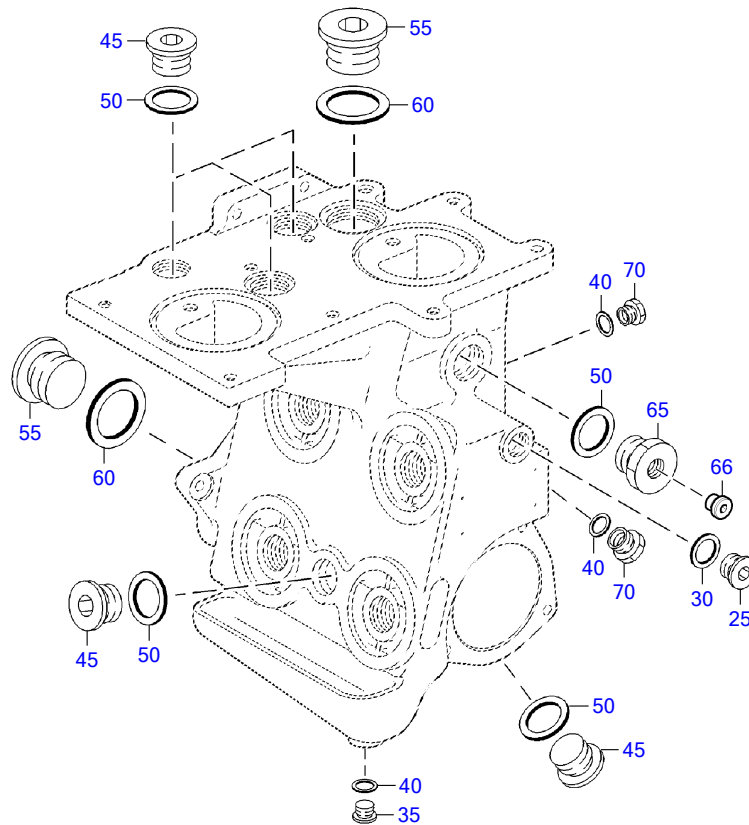
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
OIL FILTER HOUSING

SERIAL NUMBER: 527110243

FG/FGS:

BOM-No.: X59318300013



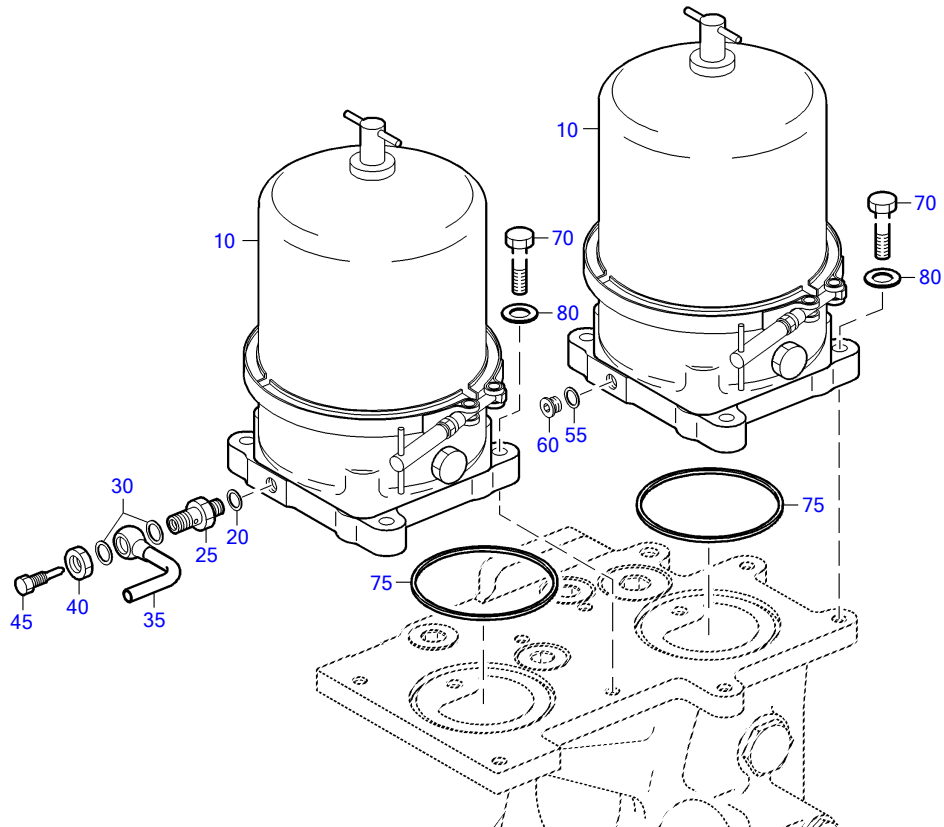
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
OIL FILTER HOUSING

SERIAL NUMBER: 527110243

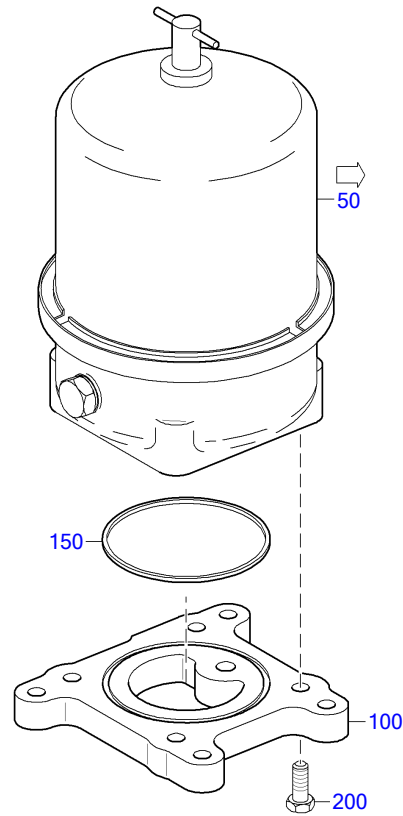
FG/FGS:
BOM-No.: X59318300013

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
5	X59318300012	OIL FILTER HOUSING		1	PC			
25	000908026005	THREAD PLUG		1	PC	69,900 KG	M 26 X 1,5	DIN908
30	007603026104	COPPER SEALING RING		1	PC	3,100 G	A 26 X 31	DIN7603
35	000908018002	PLUG		1	PC	29,800 KG	M 18 X 1,5	DIN908
40	007603018101	COPPER SEALING RING		4	PC	1,300 G	A 18 X 22	DIN7603
45	000908038000	THREAD PLUG		5	PC	150,800 KG	M 38 X 1,5	DIN908
50	007603038101	COPPER SEALING RING		6	PC	5,400 G	A 38 X 44	DIN7603
55	000908052003	THREAD PLUG		3	PC	308,500 KG	M 52 X 1,5	DIN908
60	007603052101	COPPER SEALING RING		3	PC	12,300 G	A 52 X 60	DIN7603
65	5249970616	BUSHING THREADED		1	PC	204,900 G		
66	735210014000	THREAD PLUG		1	PC	19,100 KG	M 14 X 1,5	MTN5210
70	5069971416	BUSHING THREADED	8/12V183TE02/93	3	PC	27,377 G		
75	0009973675	ADAPTER OIL FLTR DUAL NIPPLE S2000+S4000		4	PC	150 G		
80	204014010015	HEX SCREW		1	PC		M 10 X180	ISO4014
85	000125010524	WASHER		1	PC	3,100 G	A 10,5	DIN125
90	5249970635	PLUG		2	PC	479 G	40X50X5.5 WITH M6 THD	
95	700429032003	O-RING		2	PC	3,100 G	32 X 4	MMN429
100	000472042000	RING SNAP		2	PC	5,570 G	42 X 1,75	DIN472
105	5241800067	VALVE SLIDE OIL FLTR SWITCH OVER		1	PC	3,560 KG		
110	5241840309	FLANGE		1	PC	856 G		
115	700429055001	O-RING		2	PC	8,110 G	55 X 5	MMN429
120	700429115000	O-RING		1	PC	23,080 G	115 X 6	MMN429
125	000000003326	HEX SCREW		3	PC	28,180 G	M 10 X 35	ISO4017
130	000125010524	WASHER		3	PC	3,100 G	A 10,5	DIN125
135	5369910120	STUD BALL		1	PC	48 G		
140	5361840156	PLUG		1	PC	61,500 KG		
145	002098001022	SPRING PRESSURE		1	PC		1,25X 10 X 44,5	DIN2098
150	5245840021	PLATE		1	PC	14,100 G		
155	201476002000	PIN GROOVED		4	PC	0,370 G	A 2,5X 5	ISO8746
160	5241840076	WASHER	BR 4000	1	PC	335,500 G		
165	5240150531	POINTER	BR 4000	1	PC	60 G		
170	006325006108	PIN DOWEL		1	PC	5 G	6 M 6 X 24	DIN6325
175	000912010064	BOLT HEX SOC HD		1	PC	30 G	M 10 X 40	DIN912



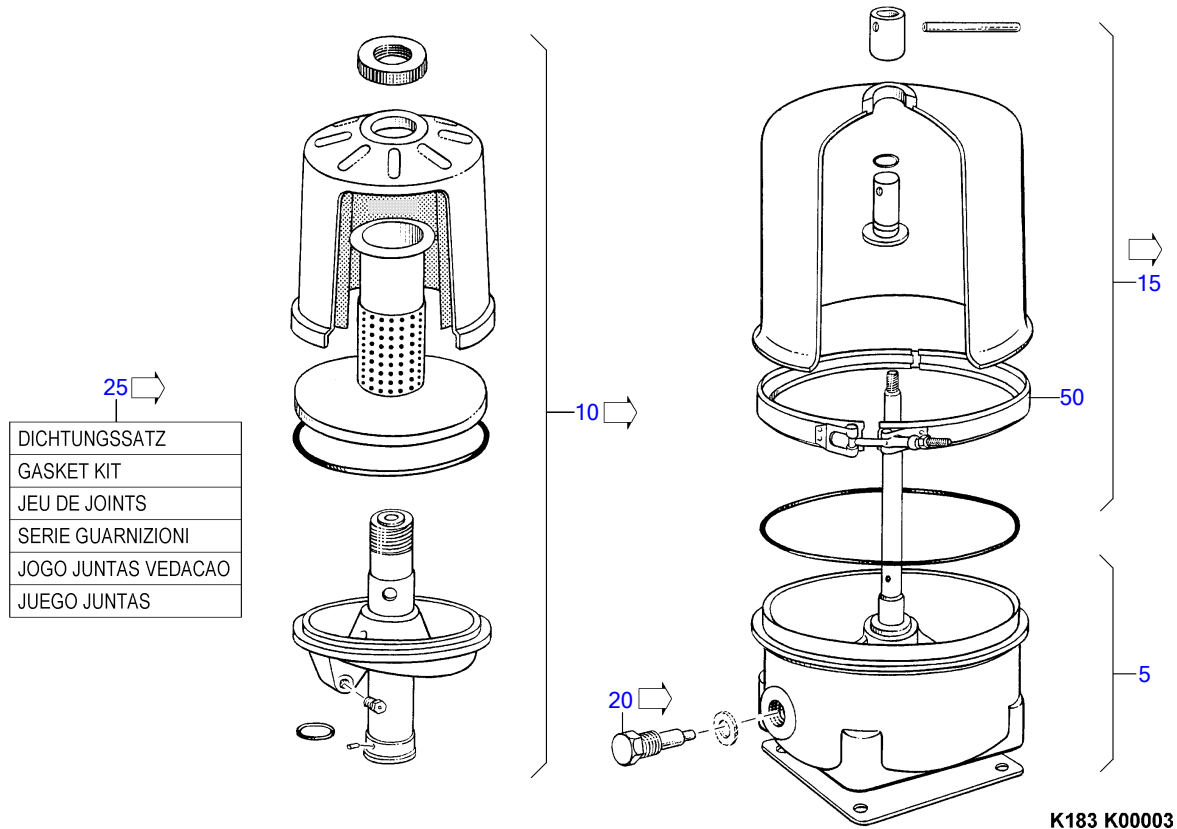
18300038a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	X52418300026	CENTRIFUGAL OIL FLTR	2	PC	12,400 KG			
20	007603014102	COPPER SEALING RING	1	PC	1 G		A 14 X 18	DIN7603
25	5849972672	UNION	1	PC	64 G			
30	007603016105	COPPER SEALING RING	2	PC			A 16 X 20	DIN7603
35	5241802019	TUBE ASM SOL OIL SUPPLY	1	PC	69 G	SB		
40	000439016200	NUT M16 04-2 DIN439	1	PC	20 G		B M 16	DIN439
45	5849900615	BOLT SPL M10 1.00X40 TO M6 0.2 8.8	1	PC	23,110 G			
55	007603014102	COPPER SEALING RING	1	PC	1 G		A 14 X 18	DIN7603
60	000908014001	THREAD PLUG	1	PC	16,100 KG		M 14 X 1,5	DIN908
70	000933012051	BOLT HEX S2000/4000	8	PC	55 G	MN	M 12 X 50	DIN933
75	700429122001	O-RING	2	PC	9 G		122 X 3,75	MMN429
80	000125013012	WASHER	8	PC	5,320 G	MN	A 13	DIN125

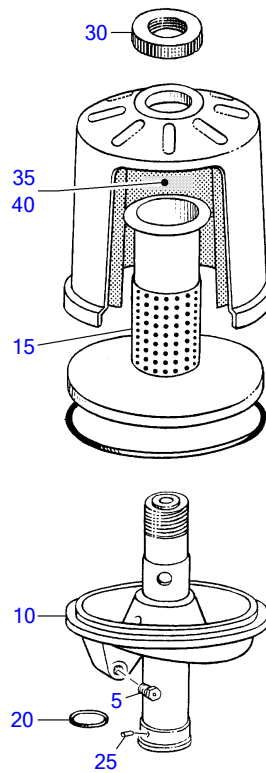


18301018a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	X52418300028	CENTRIFUGAL OIL FLTR		1	PC			
100	5241840509	ADAPTER 2 LITER CENTRIFUGAL SPINNER	BR 4000	1	PC	1,550 KG		
150	700429122001	O-RING		1	PC	9 G	122 X 3,75	MMN429
200	11509528	BOLT PHOS HEX FLG LRG		4	PC	50,300 G	M12X1,75X30	

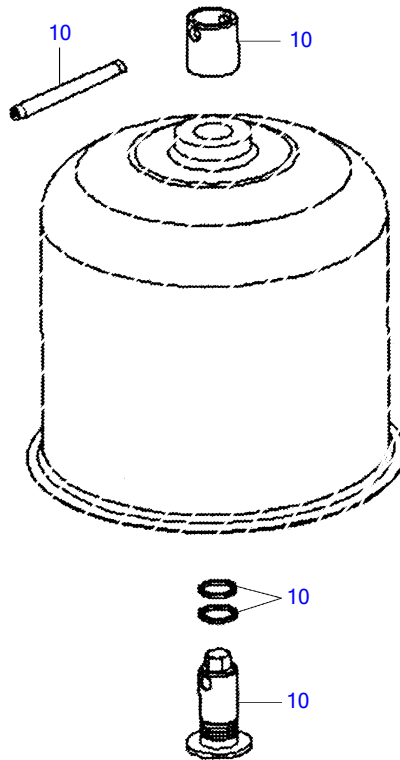


POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
5	23540299	BODY ASM CENTRIFUGAL SPINNER OIL FLTR	1	PC	5,750 KG
10	8691840027	ROTOR COMPLETE	1	PC	3,300 KG
15	8691840028	COVER	1	PC	2,500 KG
20	8691840019	VALVE	1	PC	240 G
25	23540304	GASKET KIT	1	PC	82,200 G
50	XP52499100226	V-BAND CLAMP	1	PC	1,100 KG



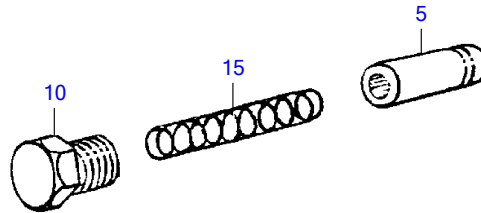
K183 K00005

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT
5	5241871136	NOZZLE ROTOR ASM CNTRIFSPINNER FLTR	1	PC	3 G	
10	5241870018	TUBE ASM	1	PC	832 G	
15	5241870601	STAND TUBE ROTOR ASM CNTRIFSPINNER FLTR	1	PC	271 G	
20	5241870033	CIRCLIP	1	PC	6,400 G	
25	5241870074	PIN	1	PC	3 G	
30	5241870072	NUT ROTOR COVER CENTRIFUGAL SPINNER FLTR	1	PC	186 G	
35	8591840001	PAPER PACK CENTRIFUGAL SPINNER FILTER	1	PC	13,700 G	1 ST. GLEICH 1 PAPIERSTREIFEN
40	5241870147	PLATE	1	PC	207 G	



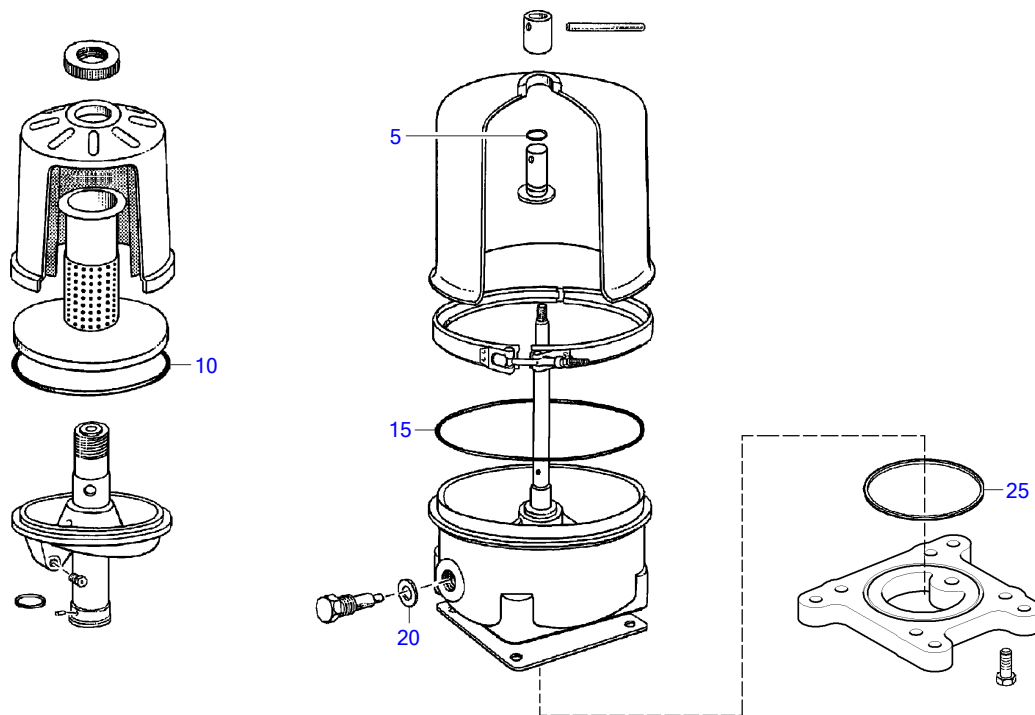
18300801a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
10	8691840031	COVER FIXING KIT	1	PC	240 G



K183 K0004

POS.	DESIGNATION	QTY.	UNITS	FN
5	VALVE PISTON	1	PC	KE
10	PLUG	1	PC	KE
15	PRESSURE SPRING	1	PC	KE



18300932a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
5	8699970274	SEALING RING	2	PC	0,800 G		MMN429
10	8699970273	SEALING RING	1	PC	22 G	145,42 X 5,34	MMN429
15	8699970272	SEALING RING	1	PC	28,800 G	196,22 X 5,34	MMN429
20	8699970287	SEALING RING	1	PC	2,370 G		
25	700429122001	O-RING	2	PC	9 G	122 X 3,75	MMN429

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S

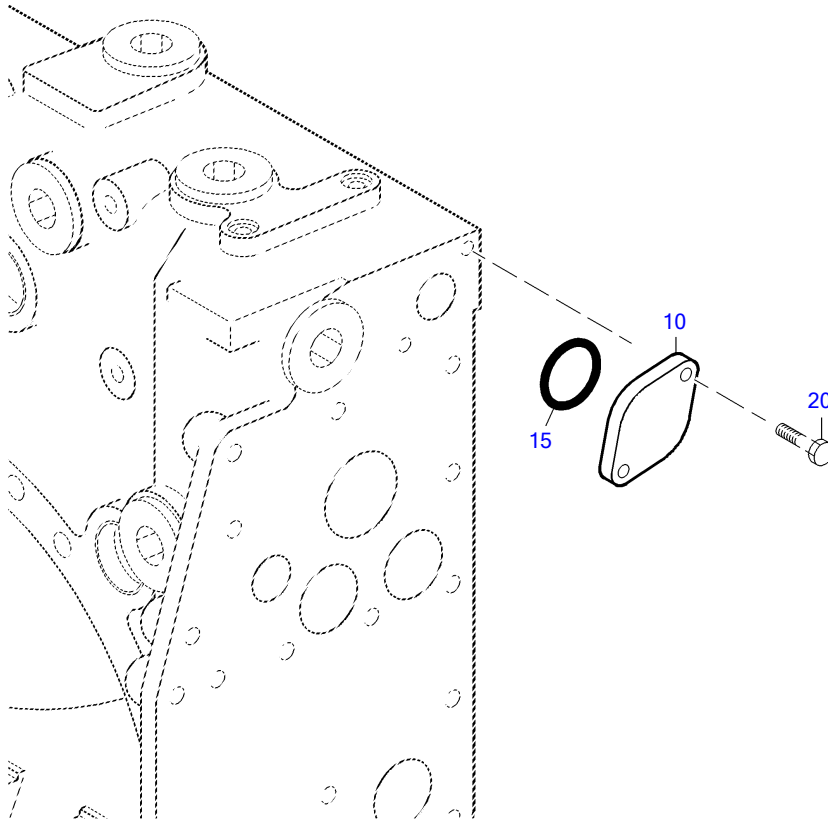
SERIAL NUMBER: 527110243

OIL. DISTR. HOUSING

FG/FGS: 183 15

BOM-No.: X59518300010

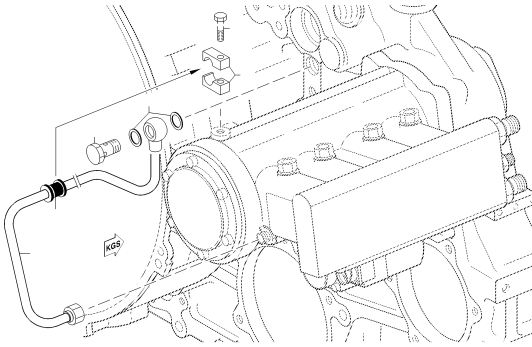
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	X59318300023	OIL. DISTR. HOUSING		1	PC			
100	007603038101	COPPER SEALING RING		6	PC	5,400 G	A 38 X 44	DIN7603
150	007603030101	COPPER SEALING RING		3	PC		A 30 X 36	DIN7603
200	000908038000	THREAD PLUG		6	PC	150,800 KG	M 38 X 1,5	DIN908
250	000908030002	THREAD PLUG		3	PC	85,500 KG	M 30 X 1,5	DIN908
350	007603056100	SEALING RING		2	PC	13,500 G	A 56 X 64	DIN7603
400	000908056000	PLUG		2	PC	368 KG	M 56 X 2	DIN908
450	5249970020	SEALING CAP		4	PC		D 50	
500	5370160233	SEALING CAP		1	PC		D 40	
600	X59520300010	RESTRICTOR	16V4000	1	PC	186 G	M52-1.5X15 W/24MM OPENING	
700	5242031552	RESTRICTOR	4000	1	PC	0,215 KG		
750	735210014000	THREAD PLUG		1	PC	19,100 KG	M 14 X 1,5	MTN5210
800	X54799100050	RESTRICTOR		1	PC	40 G		



18000054a

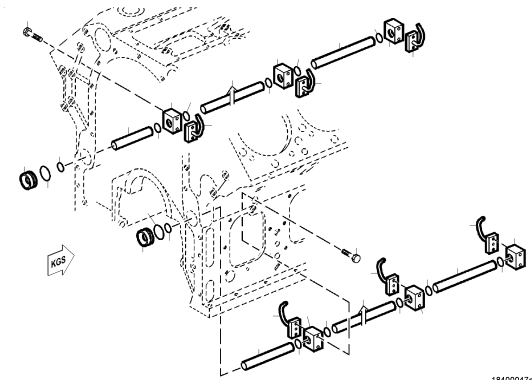
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	5281840509	COVER WATER DISTRIBUTION HOUSING	BR 4000	1	PC	315,300 G		
15	700429042002	O-RING		1	PC	4,010 G	42 X 4	MMN429
20	304017008081	HEX BOLT		2	PC	13,500 G	M 8 X 25	ISO4017

GROUP NUMBER (FG)
GROUP NAME
BOM-No.



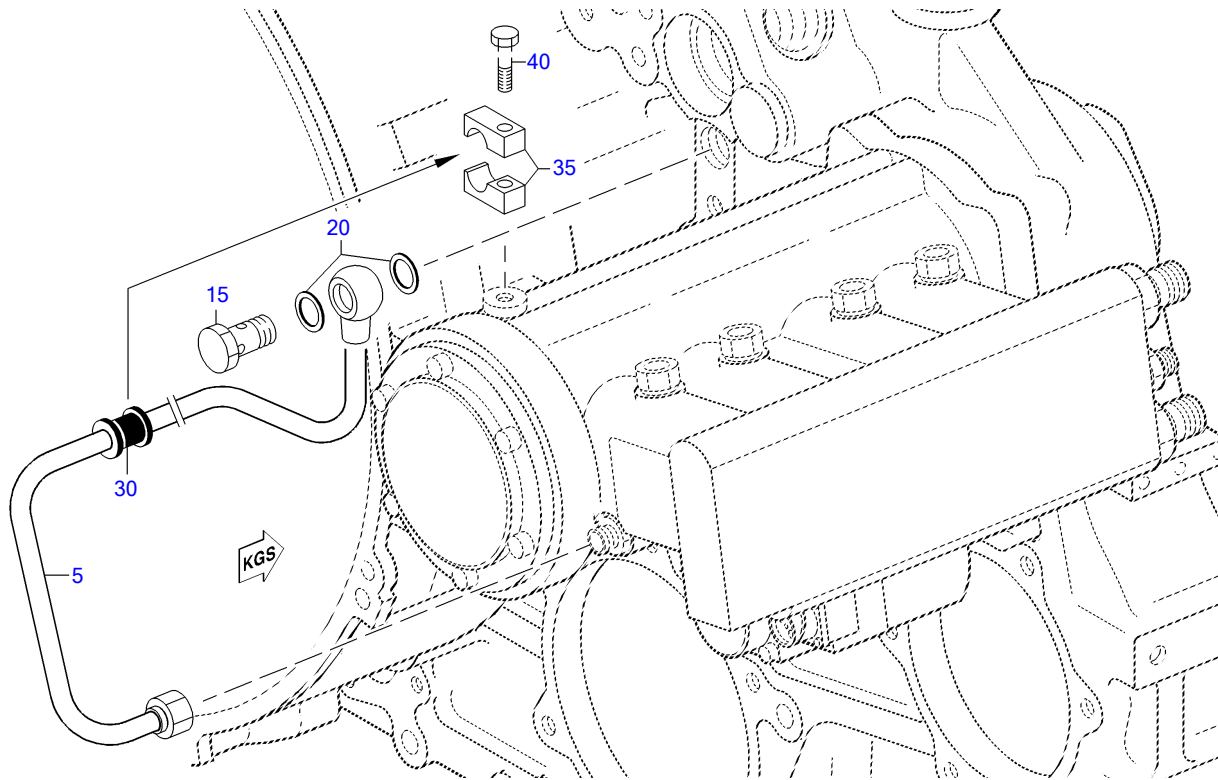
OIL SUPPLY FOR HP PUMP
180.00150

18300099a



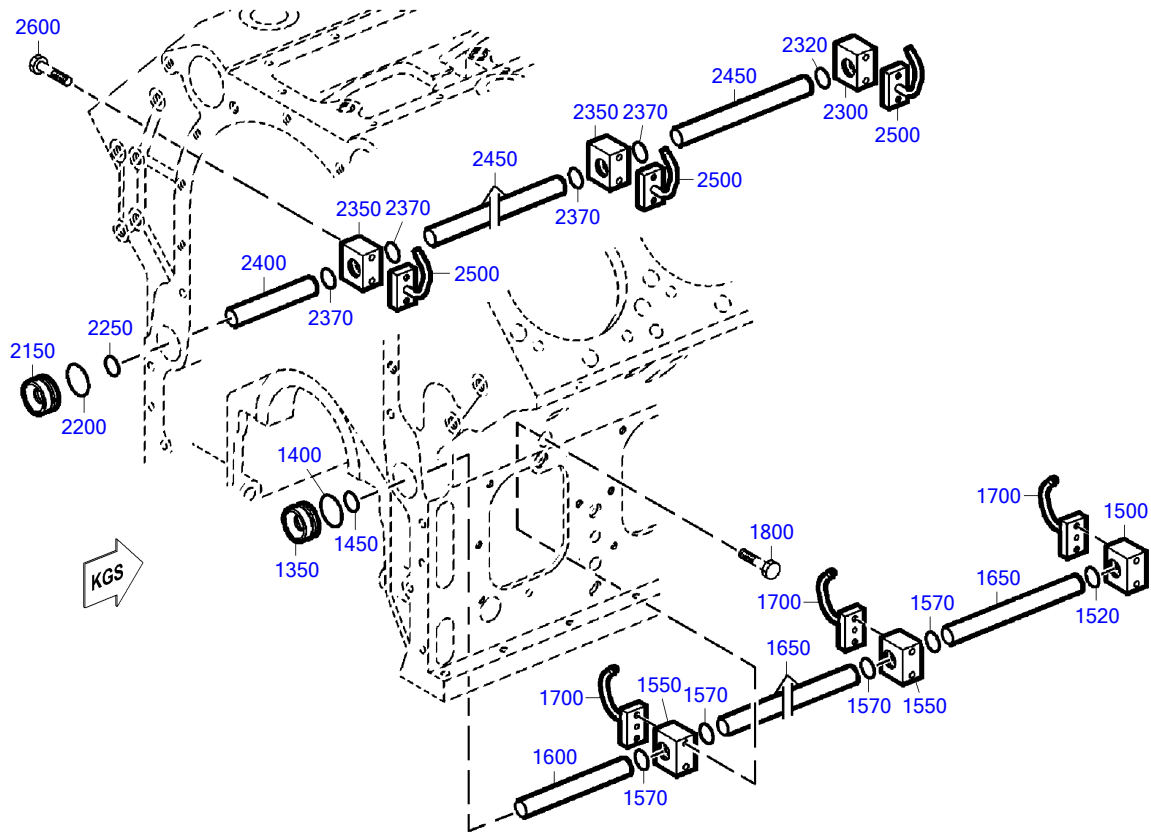
OIL SYSTEM BASIC SCOPE
X00019302

18400047c



18300099a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
5	5281800319	TUBE HIGH PRESS FUEL PUMP LUBE OIL	1	PC			
15	700223010000	BOLT BANJO A12	1	PC	64 G	A 12	MMN223
20	007603018101	COPPER SEALING RING	2	PC	1,300 G	A 18 X 22	DIN7603
30	700327012000	GROMMET	1	PC	4,600 G	12	MMN327
35	700325018100	CLAMP HALF TUBE 1/1 D9-18	2	PC	40 G	1/1 D 9 - 18	MMN325
40	304017008085	BOLT HEX	1	PC	18 G	M 8 X 40	ISO4017



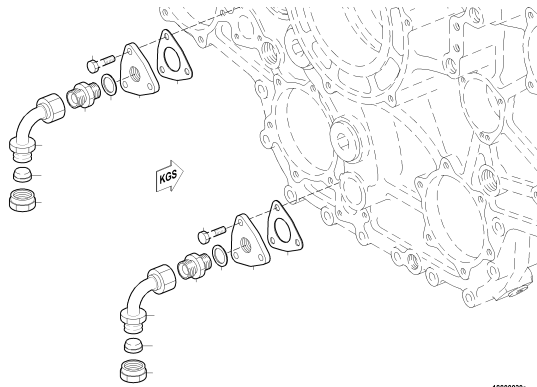
18400047c

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
1350	5241870276	RETAINER O-RING	1	PC				
1400	700429041000	O-RING	1	PC	3,950 G		41 X 4	MMN429
1450	700429024002	O-RING	1	PC	2,500 G		24 X 4	MMN429
1500	X52418400002	RETAINER	1	PC	170 G			
1520	700429024002	O-RING	1	PC	2,500 G		24 X 4	MMN429
1550	X52418400001	RETAINER	7	PC	170 G			
1570	700429024002	O-RING	14	PC	2,500 G		24 X 4	MMN429
1600	5241870401	TUBE D	1	PC	156 G			
1650	5241870101	TUBE D	7	PC				
1700	X59418400008	OIL SPRAY NOZZLE	8	PC	249 G	EM		
1800	304014008032	BOLT HEX A3C S2000/4000	16	PC	35 G		M 8 X 80	ISO4014
2150	5241870276	RETAINER O-RING	1	PC				
2200	700429041000	O-RING	1	PC	3,950 G		41 X 4	MMN429
2250	700429024002	O-RING	1	PC	2,500 G		24 X 4	MMN429
2300	X52418400002	RETAINER	1	PC	170 G			
2320	700429024002	O-RING	1	PC	2,500 G		24 X 4	MMN429
2350	X52418400001	RETAINER	7	PC	170 G			
2370	700429024002	O-RING	14	PC	2,500 G		24 X 4	MMN429
2400	5241870201	TUBE D	1	PC				
2450	5241870101	TUBE D	7	PC				
2500	X59418400008	OIL SPRAY NOZZLE	8	PC	249 G	EM		
2600	304014008032	BOLT HEX A3C S2000/4000	16	PC	35 G		M 8 X 80	ISO4014

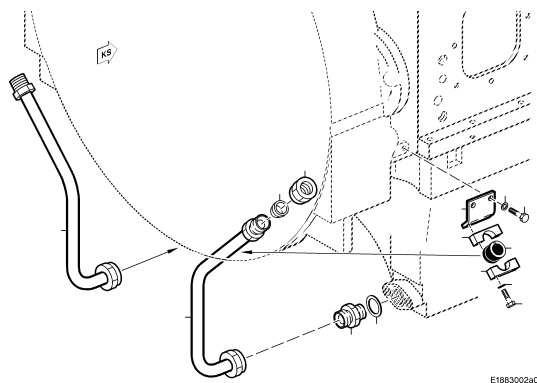
GROUP NUMBER (FG)

GROUP NAME

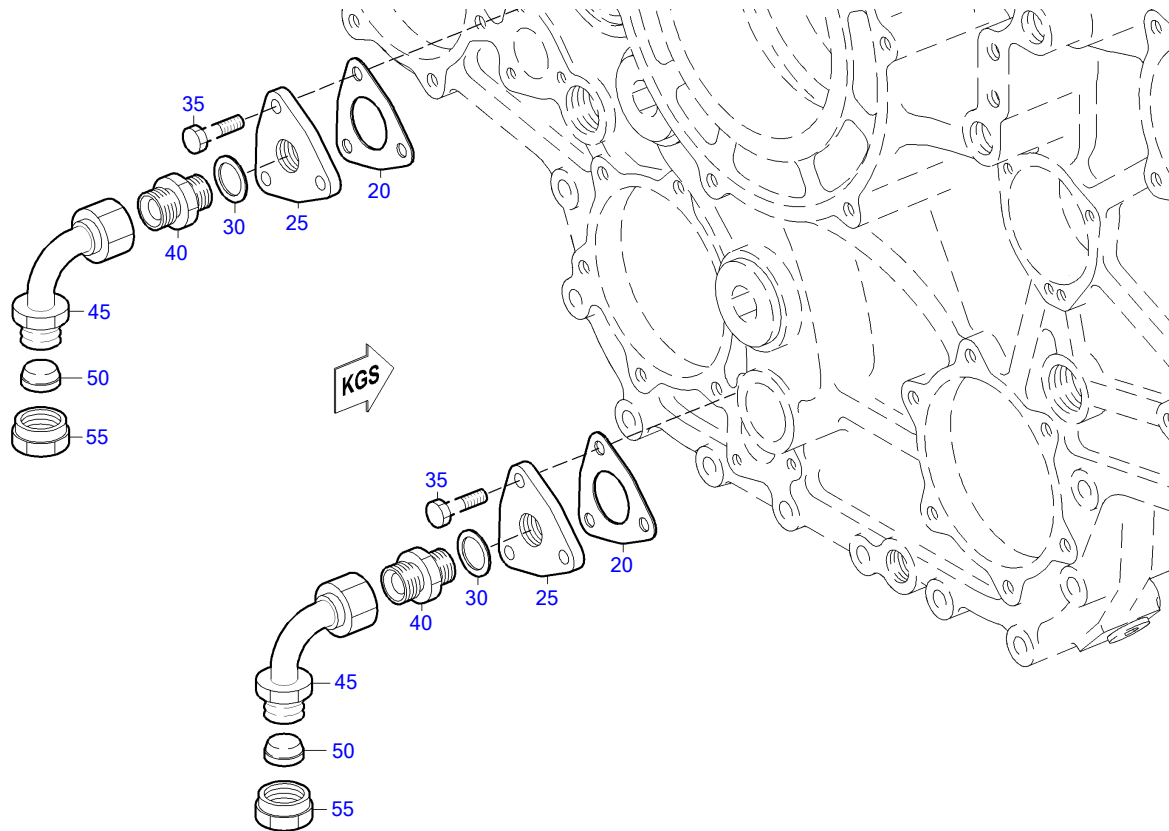
BOM-No.



CONNECTIONS FOR OIL PRIMING PPS
180.00038

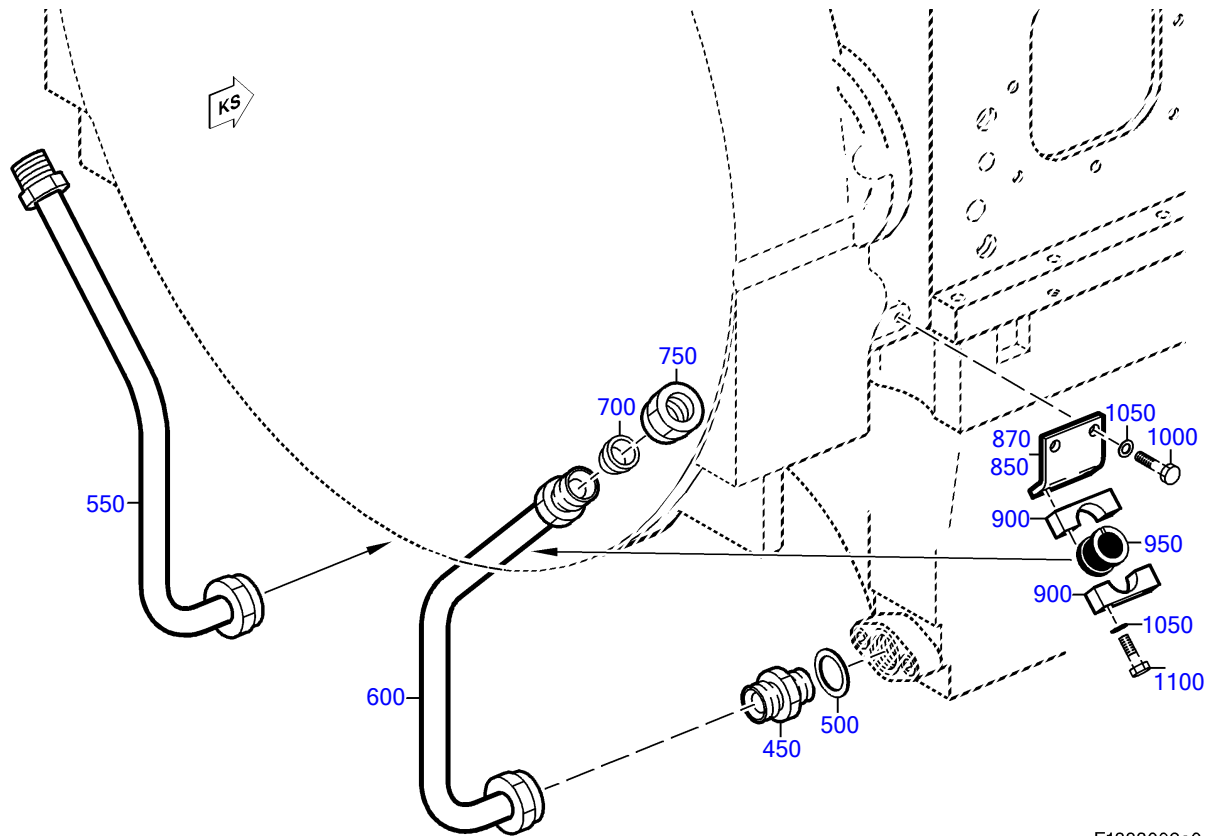


OIL EXTRACTION
XS594180.00018



18800030a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
20	5241880180	GASKET		2	PC	6,100 G	1X120X120	
25	5241880702	COVER	BR4000M	2	PC	354,200 G		
30	007603026104	COPPER SEALING RING		2	PC	3,100 G	A 26 X 31	DIN7603
35	00000003021	HEX SCREW		6	PC	23,700 G	M 10 X 25	ISO4017
40	915013020002	SCREW NECK		2	PC	67,500 G	20 (M30X1,5/M26X1,5)	N15013
45	700160000020	ELBOW 90 DEG KR 20		2	PC	210 G	KR 20	MMN160
50	915005020001	CONE SEALING		2	PC	15,400 G	22	MBN15005
55	915001020003	NUT		2	PC	48 G	20 M 30 X 1,5	N15001



E1883002a0

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
450	915013025001	UNION	2	PC	101,900 G		25	N15013
500	007603030101	COPPER SEALING RING	2	PC			A 30 X 36	DIN7603
550	5241800821	OIL LINE	1	PC		SB		
600	5241800721	OIL LINE	1	PC		SB		
700	915005020001	CONE SEALING	2	PC	15,400 G		22	MBN15005
750	915001020003	NUT	2	PC	48 G		20 M 30 X 1,5	N15001
850	X59618400003	RETAINER	1	PC				
870	X59618400003	RETAINER	1	PC				
900	700325028101	CLAMP HALF TUBE 1/2 D9-28	4	PC	75 G		1/2 D 9 - 28	MMN325
950	700327022000	GROMMET	2	PC	9 G		22	MMN327
1000	204017008011	HEX SCREW	4	PC	12,200 G		M 8 X 22	ISO4017
1050	735151008100	SPACER	4	PC	7,700 G		A 8,4	MTN5151
1100	304017008086	BOLT HEX A3C	4	PC	19,400 G		M 8 X 45	ISO4017

GROUP NUMBER (FG)

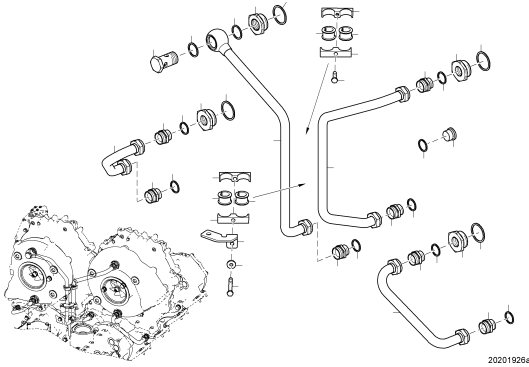
GROUP NAME

BOM-No.

THERMOSTAT HOUSING W/EXTERNAL COOLING
XS595200.00059

COOLANT VENT FOR EXTERNAL COOLIN
XS595200.00070

COOLANT DUCTING F/TURBOCHARGER
XS595200.00073



PREHEATER
XS595200.00107

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
120	X59320600011	THERMOSTAT HOUSING		1	PC	18,600 KG			
200	700429065000	O-RING		1	PC	5,910 G		65 X 4	MMN429
250	0052031875	THERMAL ACTUATOR		4	PC	174,800 G	EM		
300	05132155	SEALING RING		4	PC	18,500 G			
400	000125010524	WASHER		4	PC	3,100 G		A 10,5	DIN125
450	000000001076	BOLT A3C		2	PC	45 G		M 10 X 70	ISO4017
500	204014010007	HEX SCREW		2	PC			M 10 X110	ISO4014
550	X59320600008	CONNECTING FLANGE ON THERMOST. HOUSIN		1	PC	10,560 KG			
700	X59320200120	RESTRICTOR	M56X1,5/ID33	1	PC				
750	700429080001	O-RING		2	PC	5,962 G		80 X 5	MMN429
800	000908014001	THREAD PLUG		1	PC	16,100 KG		M 14 X 1,5	DIN908
850	007603014102	COPPER SEALING RING		1	PC	1 G		A 14 X 18	DIN7603
900	204014010033	HEX SCREW		2	PC	88 G		M 10 X135	ISO4014
950	204017010021	BOLT A3C		2	PC	33,200 G		M 10 X 45	ISO4017
1000	000125010524	WASHER		4	PC	3,100 G		A 10,5	DIN125
1100	X59320200086	ELBOW TO COOLANT COOLER		1	PC	13,030 KG			
1150	700429083000	O-RING		1	PC			83 X 5	MMN429
1200	000000001465	BOLT HEX A3C		1	PC	84 G		M 10 X120	ISO4014
1250	5599900040	SPACER S2000/S4000		1	PC	15,816 G			
1300	000000001465	BOLT HEX A3C		1	PC	84 G		M 10 X120	ISO4014
1350	735151010101	SPACER A10.5 A3C		1	PC	11,340 G		A 10,5	MTN5151
1400	X52420200024	RETAINER		1	PC	2,507 KG			
1450	000000003021	HEX SCREW		2	PC	23,700 G		M 10 X 25	ISO4017
1500	000125010524	WASHER		2	PC	3,100 G		A 10,5	DIN125
1540	000000003925	BOLT A3C		2	PC			M 12 X 30	ISO4017
1560	007349013002	WASHER		2	PC	22,600 G	MN 13		DIN7349
1600	700429083000	O-RING		1	PC			83 X 5	MMN429
1640	000125010524	WASHER		2	PC	3,100 G		A 10,5	DIN125
1650	X59320200089	COOLANT ELBOW F/COOLANT COOLER		1	PC	8,720 KG			
1750	000000003326	HEX SCREW		2	PC	28,180 G		M 10 X 35	ISO4017
1800	X59320200117	RETAINER		1	PC	1,440 KG			
1850	5511531550	SPACER BUSHING		3	PC	17 G			
1900	000000001464	BOLT HEX A3C		4	PC	25 G		M 10 X 30	ISO4017
1930	000000003187	NUT HEX A3C		1	PC			M 10	ISO4032
1935	007349010001	WASHER		2	PC	10,900 G		10,5	DIN7349
2050	X59620600001	PLUG-IN PIPE		2	PC	2,771 KG			
2100	X52820300003	FLANGE		2	PC	765 G			
2150	000000001042	BOLT HEX A3C		4	PC	35 G		M 10 X 50	ISO4017
2200	700429083000	O-RING		2	PC			83 X 5	MMN429
2250	700429075001	O-RING		4	PC	10,900 G		75 X 5	MMN429
2350	5242030139	FLANGE		1	PC				
2400	700429100000	O-RING		1	PC	14,095 G		100 X 5	MMN429
2450	204017010021	BOLT A3C		2	PC	33,200 G		M 10 X 45	ISO4017
2500	000125010524	WASHER		2	PC	3,100 G		A 10,5	DIN125
2550	X52820600002	PLUG-IN PIPE		1	PC	715 G			
2600	700429085002	O-RING		2	PC	17,640 G		85 X 6	MMN429
3000	X00029114	COOLANT ELBOW		1	PC	4,404 KG			
3050	700429100000	O-RING		1	PC	14,095 G		100 X 5	MMN429
3100	000000001039	BOLT HEX A3C		2	PC	29,800 G		M 10 X 40	ISO4017
3150	000125010524	WASHER		2	PC	3,100 G		A 10,5	DIN125
3250	X59320300020	FLANGE		1	PC	1,300 KG			
3300	700429100000	O-RING		2	PC	14,095 G		100 X 5	MMN429
3350	007349010001	WASHER		2	PC	10,900 G		10,5	DIN7349
3400	204017010021	BOLT A3C		2	PC	33,200 G		M 10 X 45	ISO4017

EQUI TYPE: Engine

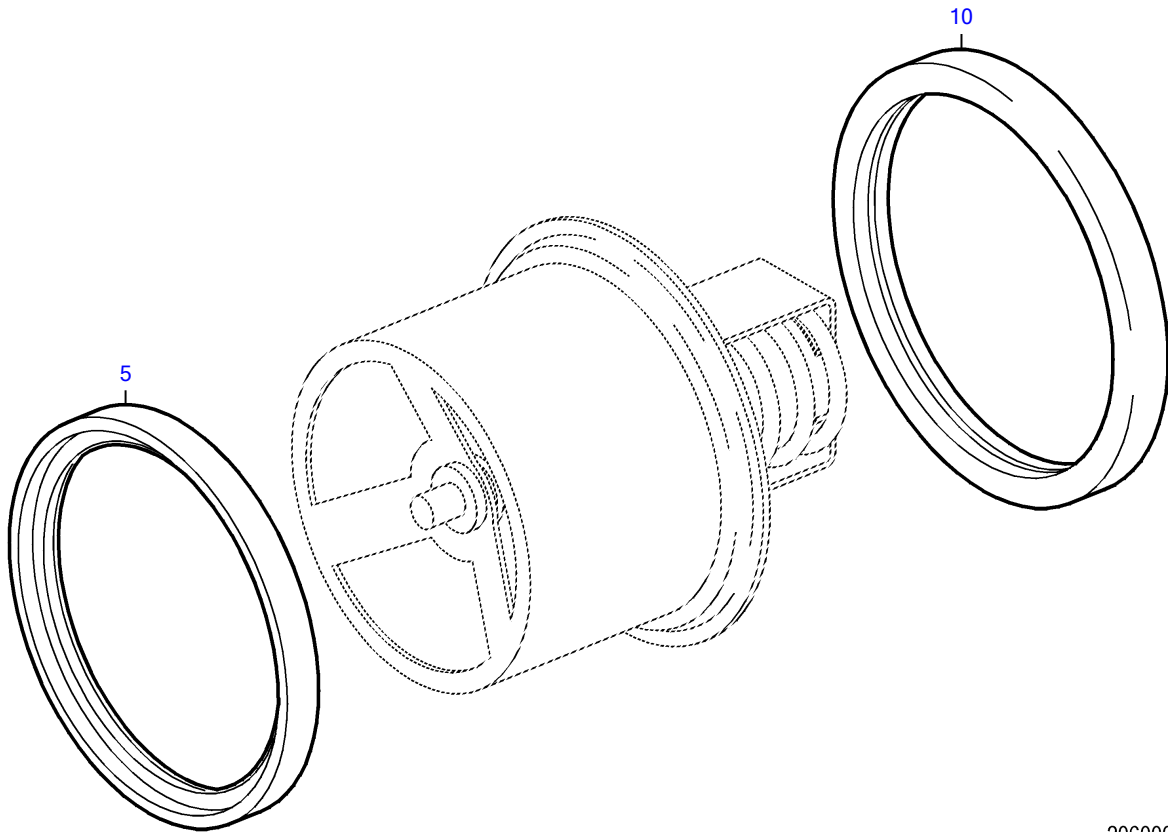
PRODUCT TYPE: 16V4000M23S
THERMOSTAT HOUSING W/EXTERNAL COOLING

SERIAL NUMBER: 527110243

FG/FGS: 200 00

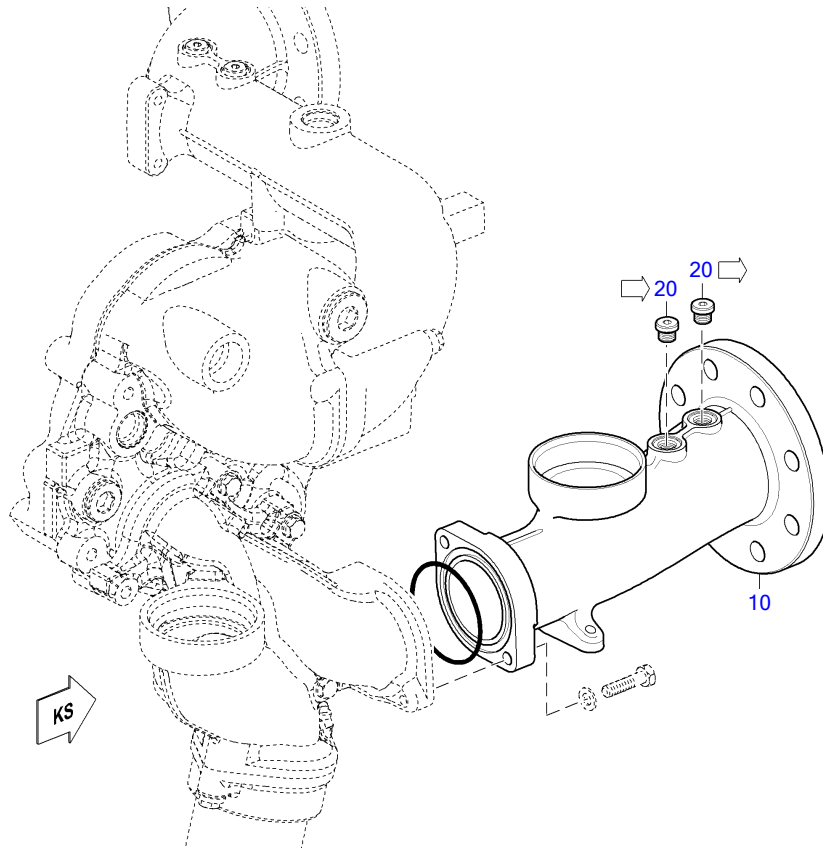
BOM-No.: XS595200.00059

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
3450	X52820600003	PLUG-IN PIPE		1	PC	1,864 KG			
3500	700429085002	O-RING		2	PC	17,640 G	85 X 6		MMN429
3550	5242030139	FLANGE		1	PC				
3700	007349010001	WASHER		1	PC	10,900 G	10,5		DIN7349
3750	204017010021	BOLT A3C		1	PC	33,200 G	M 10 X 45		ISO4017



20600038a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT
5	0002034480	RING SEALING	1	PC	20 G	57,76X67,5X6,4
10	8692030147	GASKET	1	PC	5 G	VITON



20600518

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	X59320200090	ELBOW F/COOLANT COOLER	1	PC		EM		
20	735210014000	THREAD PLUG	2	PC	19,100 KG		M 14 X 1,5	MTN5210

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
THERMOSTAT HOUSING

SERIAL NUMBER: 527110243

FG/FGS:

BOM-No.: X59320600011

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
100	X59320600010	THERMOSTAT HOUSING	1	PC	25 KG		
200	5370160233	SEALING CAP	2	PC		D 40	
300	5550160233	SEALING CAP EXH MANIF	2	PC	23,170 G		
400	007603030101	COPPER SEALING RING	1	PC		A 30 X 36	DIN7603
500	000908030002	THREAD PLUG	1	PC	85,500 KG	M 30 X 1,5	DIN908
600	007603038101	COPPER SEALING RING	2	PC	5,400 G	A 38 X 44	DIN7603
700	000908038000	THREAD PLUG	2	PC	150,800 KG	M 38 X 1,5	DIN908

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
250	007603014102	COPPER SEALING RING		4	PC	1 G		A 14 X 18	DIN7603
300	915006006000	UNION		4	PC	22,900 G		6	N15006
350	5282000258	TUBE BREATHER VENT	20V400LH	1	PC	54,600 G			
400	5569970574	FITTING TEE		1	PC	49,300 G		DN 6 / M14X1,5	
450	X52620200105	VENT LINE		1	PC	78,100 G	SB EM		
500	5569970574	FITTING TEE		1	PC	49,300 G		DN 6 / M14X1,5	
550	5282000658	TUBE BREATHER VENT	20V400LH	1	PC	47,900 G			
600	X59520200042	VENT LINE		1	PC	0,100 KG	SB EM		
650	X59520200048	VENT LINE		1	PC		SB EM		
750	5559920101	BUSHING		6	PC	17,320 G			
800	700325012111	CLAMP HALF TUBE 1/1 D11-12		12	PC	23 G		1/1 D11 - 12	MMN325
850	700327008000	GROMMET		6	PC	2,300 G		8	MMN327
900	000000004745	HEX SCREW		6	PC	43 G		M 10 X 65	ISO4017
950	5569970574	FITTING TEE		1	PC	49,300 G		DN 6 / M14X1,5	
1000	5282000658	TUBE BREATHER VENT	20V400LH	1	PC	47,900 G			
1050	5282000458	VENT LINE FOR COOLANT	20V400LH	1	PC	104,200 G			
1100	X52720200081	VENT LINE		2	PC		SB EM		
1200	5559920101	BUSHING		6	PC	17,320 G			
1220	735151010100	SPACER		6	PC	11 G		A 10,5	MTN5151
1250	700325015110	CLAMP HALF TUBE 1/1 D11-15		24	PC	30,570 G		1/1 D11 - 15	MMN325
1300	700327010000	GROMMET		12	PC	3,650 G		10	MMN327
1350	000000003922	HEX SCREW		6	PC	68,700 G		M 10 X100	ISO4014
1400	X59420200113	VENT LINE		1	PC				
1410	5559920101	BUSHING		1	PC	17,320 G			
1420	700325015110	CLAMP HALF TUBE 1/1 D11-15		2	PC	30,570 G		1/1 D11 - 15	MMN325
1430	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
1440	000000004745	HEX SCREW		1	PC	43 G		M 10 X 65	ISO4017
1450	X59520200134	VENT LINE		1	PC	190 G	SB		
1470	007603014102	COPPER SEALING RING		4	PC	1 G		A 14 X 18	DIN7603
1480	735214010000	UNION		2	PC	30,900 G		10	MTN5214
1490	700223006000	BOLT BANJO A8 S2000/4000		2	PC	38,800 G		A 8	MMN223
1500	X59520200132	VENT LINE		1	PC	231 G	SB		
1510	007603014102	COPPER SEALING RING		1	PC	1 G		A 14 X 18	DIN7603
1520	X59699100050	UNION	BR 4000	1	PC			BLENDE Ø1MM	
1530	X59420200198	VENT LINE		1	PC	60 G	SB		
1555	X52899100028	NIPPLE		1	PC	49 G			
1570	700325015100	CLAMP HALF TUBE 1/1 D9-15		10	PC	34,030 G		1/1 D 9 - 15	MMN325
1600	700327010000	GROMMET		5	PC	3,650 G		10	MMN327
1650	304017008084	BOLT HEX A3C		1	PC	16,565 G		M 8 X 35	ISO4017
1660	304017008089	BOLT HEX A3C		2	PC	25 G		M 8 X 60	ISO4017
1750	5241872240	BRACKET 40X6 M12 UNTHD+M8 THD BOLT HOLE	BR 4000	1	PC				
1800	000000003924	BOLT A3C		1	PC	32,400 G		M 12 X 25	ISO4017
1850	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34,030 G		1/1 D 9 - 15	MMN325
1900	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
1950	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
2050	007603018101	COPPER SEALING RING		1	PC	1,300 G		A 18 X 22	DIN7603
2100	915006010002	UNION		1	PC			10	N15006
2150	X59520200057	VENT LINE		1	PC	0,259 KG			
2300	5241872240	BRACKET 40X6 M12 UNTHD+M8 THD BOLT HOLE	BR 4000	2	PC				
2450	700325015100	CLAMP HALF TUBE 1/1 D9-15		4	PC	34,030 G		1/1 D 9 - 15	MMN325
2500	700327010000	GROMMET		2	PC	3,650 G		10	MMN327
2550	304017008083	BOLT HEX A3C		2	PC	15 G		M 8 X 30	ISO4017
2650	X52899100028	NIPPLE		1	PC	49 G			

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
2660	X59520200139	VENT LINE		1	PC		SB		
2670	X59420200175	VENT LINE		1	PC	200 G	SB		
2690	5559920101	BUSHING		1	PC	17,320 G			
2700	700325012111	CLAMP HALF TUBE 1/1 D11-12		2	PC	23 G		1/1 D11 - 12	MMN325
2710	700327008000	GROMMET		1	PC	2,300 G		8	MMN327
2720	700325015110	CLAMP HALF TUBE 1/1 D11-15		2	PC	30,570 G		1/1 D11 - 15	MMN325
2730	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
2740	000000003322	BOLT HEX A3C		1	PC	66 G		M 10 X 90	ISO4014
2750	X59420200083	VENT LINE		1	PC		SB		
2770	X59599100079	RETAINER		1	PC	196 G			
2772	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
2774	204017008009	BOLT		1	PC	11 G		M 8 X 18	ISO4017
2780	700325012104	CLAMP HALF TUBE 2/1 D9-12		2	PC	33,800 G		2/1 D 9 - 12	MMN325
2790	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34,030 G		1/1 D 9 - 15	MMN325
2800	700327008000	GROMMET		2	PC	2,300 G		8	MMN327
2810	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
2820	304017008083	BOLT HEX A3C		2	PC	15 G		M 8 X 30	ISO4017
2840	007603014102	COPPER SEALING RING		1	PC	1 G		A 14 X 18	DIN7603
2850	915006006000	UNION		1	PC	22,900 G		6	N15006
2870	007603014102	COPPER SEALING RING		1	PC	1 G		A 14 X 18	DIN7603
2880	915006006000	UNION		1	PC	22,900 G		6	N15006
2890	X59520200052	VENT LINE		1	PC		SB		
2910	5621870540	BRACKET FLAT H:50		1	PC	49 G			
2920	700325012100	CLAMP HALF TUBE 1/1 D9-12		2	PC	25 G		1/1 D 9 - 12	MMN325
2930	700327008000	GROMMET		1	PC	2,300 G		8	MMN327
2940	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
2950	304017008077	BOLT HEX A3C S2000/4000		1	PC	10 G		M 8 X 16	ISO4017
3000	X59599100072	RETAINER		1	PC				
3020	304032008014	NUT HEX 8 A3C		2	PC	4,800 G		M 8	ISO4032
3030	304017008083	BOLT HEX A3C		2	PC	15 G		M 8 X 30	ISO4017
3040	007349008002	WASHER		4	PC	8,300 G		8,4	DIN7349
3044	X59420200260	SUPPORT		1	PC	18 KG			
3046	735151010100	SPACER		4	PC	11 G		A 10,5	MTN5151
3048	000000004745	HEX SCREW		4	PC	43 G		M 10 X 65	ISO4017
3060	X59520300015	DISTRIBUTOR	16V-AS_BH-RED_FREMDK	1	PC	2,180 KG			
3070	204017008028	HEX SCREW		2	PC	23,400 G		M 8 X 55	ISO4017
3220	X59520200126	VENT LINE		1	PC	120 G	SB		
3250	X59420200022	VENT LINE		1	PC	110 G	SB		
3755	X59599100068	RETAINER		1	PC	183 G			
3760	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34,030 G		1/1 D 9 - 15	MMN325
3765	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
3770	304017008086	BOLT HEX A3C		1	PC	19,400 G		M 8 X 45	ISO4017
3775	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
3780	304032008014	NUT HEX 8 A3C		1	PC	4,800 G		M 8	ISO4032
3785	304017008081	HEX BOLT		2	PC	13,500 G		M 8 X 25	ISO4017
3790	007349008002	WASHER		2	PC	8,300 G		8,4	DIN7349
3795	304032008014	NUT HEX 8 A3C		2	PC	4,800 G		M 8	ISO4032
4600	700325012100	CLAMP HALF TUBE 1/1 D9-12		2	PC	25 G		1/1 D 9 - 12	MMN325
4650	700327008000	GROMMET		1	PC	2,300 G		8	MMN327
4800	700325012104	CLAMP HALF TUBE 2/1 D9-12		1	PC	33,800 G		2/1 D 9 - 12	MMN325
4850	700325012202	CLAMP HALF TUBE 2/1 G8-12		1	PC	34,800 G		2/1 G 8 - 12	MMN325
4900	700327008000	GROMMET		2	PC	2,300 G		8	MMN327
4950	304017008086	BOLT HEX A3C		1	PC	19,400 G		M 8 X 45	ISO4017
5050	007603012111	COPPER SEALING RING		1	PC	0,700 G		A 12 X 15,5	DIN7603

EQUI TYPE: Engine

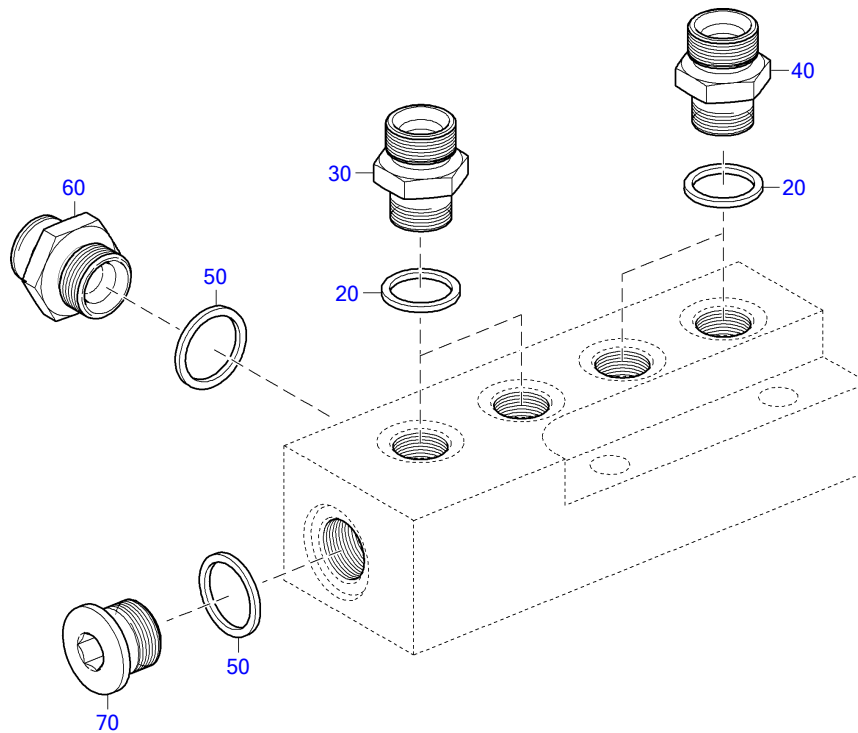
PRODUCT TYPE: 16V4000M23S
COOLANT VENT FOR EXTERNAL COOLIN

SERIAL NUMBER: 527110243

FG/FGS: 200 00

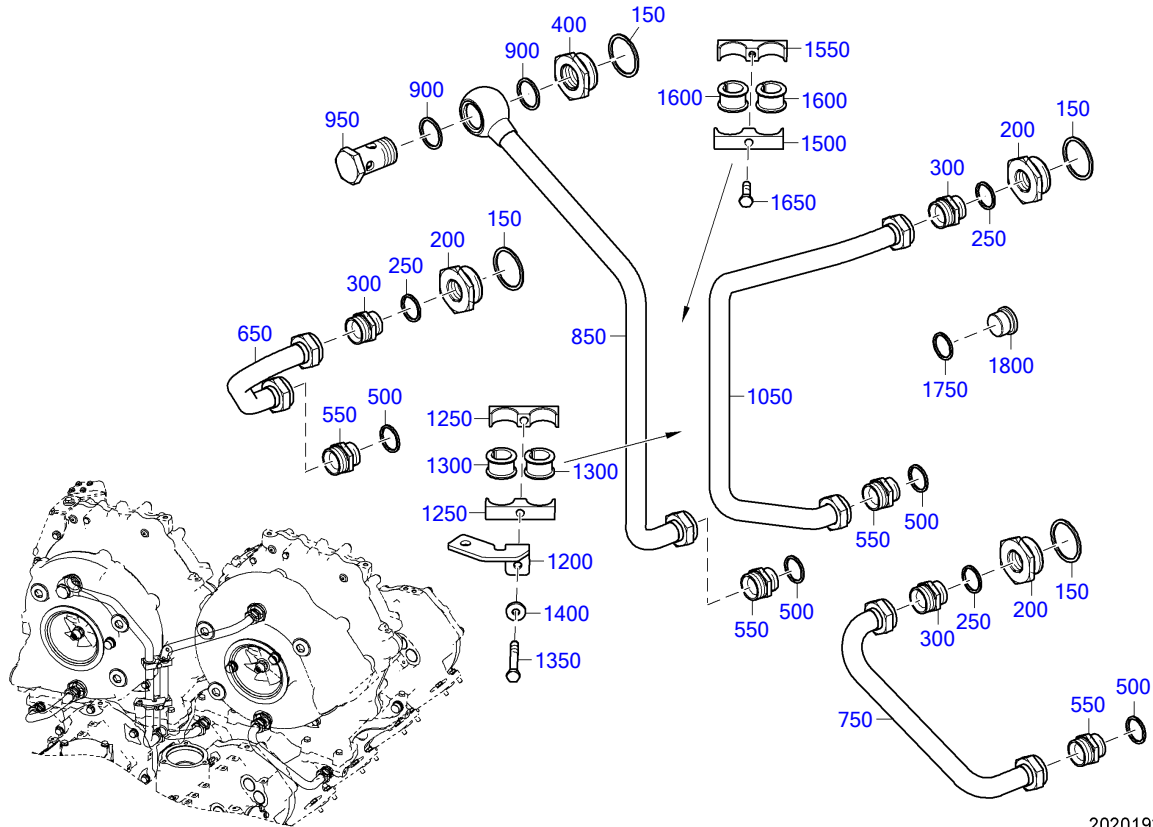
BOM-No.: XS595200.00070

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
5100	915013006002	UNION		1	PC	19,600 G		6	N15013
5150	700160000006	ELBOW 90 DEG KR 6		1	PC			KR 6	MMN160
5200	735038006103	HOSE		1	PC	196,500 G		1SN 6 CC 500	MTN5038
5400	X59599100066	RETAINER		1	PC	65 G			
5450	204017012004	HEX SCREW		2	PC	29,600 G		M 12 X 20	ISO4017
5500	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34,030 G		1/1 D 9 - 15	MMN325
5550	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
5600	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
5650	X59520200124	VENT LINE		1	PC	130 G	SB		
5750	X59499100118	RETAINER		1	PC	768 G			
5800	000000003020	BOLT HEX A3C		2	PC	20,010 G		M 10 X 20	ISO4017
5900	X59420200182	DISTRIBUTOR		1	PC	1,580 KG			
5950	000912008022	SCREW		2	PC	18 G		M 8 X 35	DIN912
6050	X59520200123	VENT LINE		1	PC	93 G	SB		
6200	007603012102	WASHER A COP		1	PC	0,800 G		A 12 X 16	DIN7603
6250	915007008003	CONNECTOR 8/4		1	PC	27 G		8 / 4 (M16X1,5/M12X1,5)	N15007
6300	X59420200178	VENT LINE		1	PC	178 G	SB		
6350	X59499100119	RETAINER		1	PC	237 G			
6400	000000003020	BOLT HEX A3C		1	PC	20,010 G		M 10 X 20	ISO4017
6450	700325015104	CLAMP HALF TUBE 2/1 D9-15		2	PC	47 G		2/1 D 9 - 15	MMN325
6500	700327010000	GROMMET		2	PC	3,650 G		10	MMN327
6550	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
6650	007603012102	WASHER A COP		1	PC	0,800 G		A 12 X 16	DIN7603
6700	915007008003	CONNECTOR 8/4		1	PC	27 G		8 / 4 (M16X1,5/M12X1,5)	N15007
6750	X59420200179	VENT LINE		1	PC	182 G	SB		
6900	007603030101	COPPER SEALING RING		1	PC			A 30 X 36	DIN7603
6950	X00020487	BUSHING THREADED C23		1	PC				
7000	007603022102	COPPER SEALING RING		1	PC	0,900 G		A 22 X 27	DIN7603
7050	915007013000	CONNECTOR 13/8		1	PC	49,200 G		13 / 8 (M22X1,5/M16X1,5)	N15007
7100	X59420200177	VENT LINE		1	PC	224 G	SB		
7200	X59499100120	RETAINER		1	PC	327 G			
7350	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34,030 G		1/1 D 9 - 15	MMN325
7400	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
7420	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
7450	304017008086	BOLT HEX A3C		1	PC	19,400 G		M 8 X 45	ISO4017
7500	304032008014	NUT HEX 8 A3C		1	PC	4,800 G		M 8	ISO4032
7510	007349010002	WASHER		1	PC	11 G		10,5	DIN7349
7520	000000003510	HEX SCREW		1	PC	66 G		M 10 X 90	ISO4014
7600	700325015104	CLAMP HALF TUBE 2/1 D9-15		1	PC	47 G		2/1 D 9 - 15	MMN325
7650	700325015202	CLAMP HALF TUBE 2/1 G8-15		1	PC	49 G		2/1 G 8 - 15	MMN325
7700	700327010000	GROMMET		2	PC	3,650 G		10	MMN327
7750	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
7850	007603030101	COPPER SEALING RING		1	PC			A 30 X 36	DIN7603
7900	X00020487	BUSHING THREADED C23		1	PC				
7950	007603022102	COPPER SEALING RING		1	PC	0,900 G		A 22 X 27	DIN7603
8000	915007013000	CONNECTOR 13/8		1	PC	49,200 G		13 / 8 (M22X1,5/M16X1,5)	N15007
8050	X59420200183	VENT LINE		1	PC	233 G	SB		
8150	5559920101	BUSHING		1	PC	17,320 G			
8200	700325015110	CLAMP HALF TUBE 1/1 D11-15		2	PC	30,570 G		1/1 D11 - 15	MMN325
8250	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
8300	000000001042	BOLT HEX A3C		1	PC	35 G		M 10 X 50	ISO4017
8400	X52899100028	NIPPLE		4	PC	49 G			



20201927a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
20	007603014102	COPPER SEALING RING	4	PC	1 G	A 14 X 18	DIN7603
30	X57518500023	SCREW-FITTING UNION F/TURBO OIL SUPPLY	2	PC	33 G	INNENDURCHMESSER 2MM	
40	X57518500026	SCREW-FITTING UNION F/TURBO OIL SUPPLY	2	PC	0,033 KG	INNENDURCHMESSER 1MM	
50	007603016105	COPPER SEALING RING	2	PC		A 16 X 20	DIN7603
60	915006008002	UNION	1	PC	29,700 G	8	N15006
70	000908016001	THREADED PLUG	1	PC		M 16 X 1,5	DIN908



20201926a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
150	007603042101	COPPER SEALING RING	4	PC	8 G		A 42 X 49	DIN7603
200	X00038983	BUSHING THREADED M42	3	PC	190 G			
250	007603026104	COPPER SEALING RING	3	PC	3,100 G		A 26 X 31	DIN7603
300	915013020002	SCREW NECK	3	PC	67,500 G		20 (M30X1,5/M26X1,5)	N15013
400	X52899100021	THREADED BUSHING	1	PC	157 G			
500	007603026104	COPPER SEALING RING	4	PC	3,100 G		A 26 X 31	DIN7603
550	915013020002	SCREW NECK	4	PC	67,500 G		20 (M30X1,5/M26X1,5)	N15013
650	X59420200115	COOLANT LINE	1	PC				
750	X00004206	TUBE TURBO COOLANT SPLY 344.620	1	PC		SB		
850	X59520200129	COOLANT LINE	1	PC		SB		
900	007603030101	COPPER SEALING RING	2	PC			A 30 X 36	DIN7603
950	700223020000	BOLT BANJO A20	1	PC	207 G		A 22	MMN223
1050	X59520200062	COOLANT LINE	1	PC	0,890 KG			
1200	X59599100070	RETAINER	1	PC	140 G			
1250	700325028102	CLAMP HALF TUBE 2/1 D9-28	2	PC	82 G		2/1 D 9 - 28	MMN325
1300	700327022000	GROMMET	2	PC	9 G		22	MMN327
1350	304014008029	BOLT	1	PC	31 G		M 8 X 70	ISO4014
1400	007349008002	WASHER	1	PC	8,300 G		8,4	DIN7349
1500	700325028102	CLAMP HALF TUBE 2/1 D9-28	1	PC	82 G		2/1 D 9 - 28	MMN325
1550	700325028202	CLAMP HALF TUBE 2/1 G8-28	1	PC	82 G		2/1 G 8 - 28	MMN325
1600	700327022000	GROMMET	2	PC	9 G		22	MMN327
1650	304017008084	BOLT HEX A3C	1	PC	16,565 G		M 8 X 35	ISO4017
1750	007603026104	COPPER SEALING RING	4	PC	3,100 G		A 26 X 31	DIN7603
1800	000908026005	THREAD PLUG	4	PC	69,900 KG		M 26 X 1,5	DIN908

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
PREHEATER

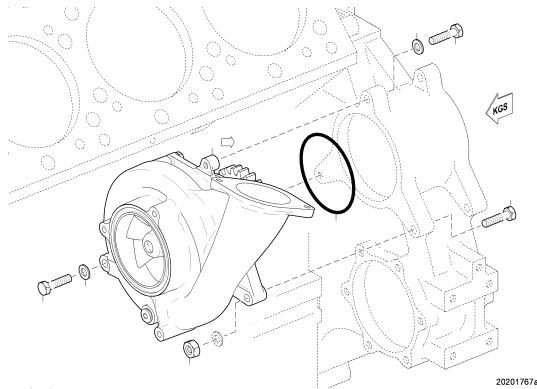
SERIAL NUMBER: 527110243

FG/FGS: 200 00

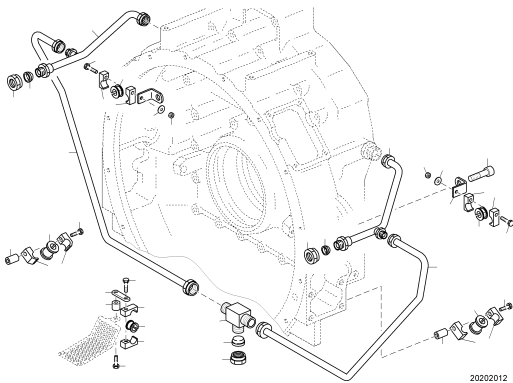
BOM-No.: XS595200.00107

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS
10	X59520200168	PREHEATER	3-PHASIG, 12 KW, 440 V, 60 HZ	1	PC

GROUP NUMBER (FG)
GROUP NAME
BOM-No.

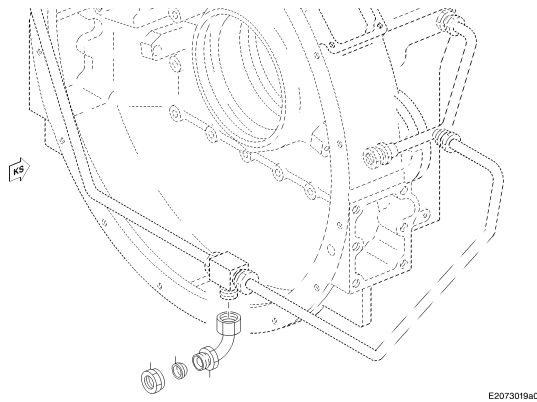


COOLANT PUMP HIGH-TEMP CIRCUIT
XS595200.00014

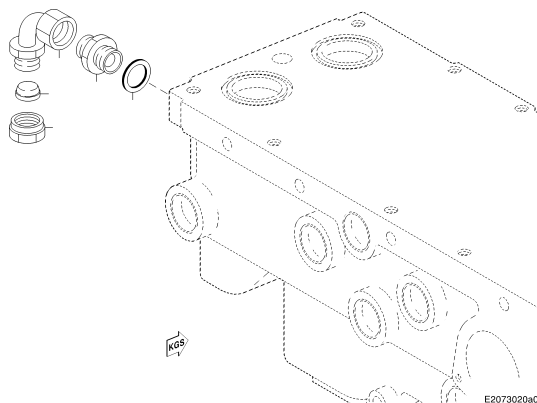


COOLANT LINE ON FLYWHEEL HSNG
XS594200.00064

END COVER FOR COOLANT
XS594990.00059



CONNECTING HARDWARE FOR PREHEATING UNIT
200.00029

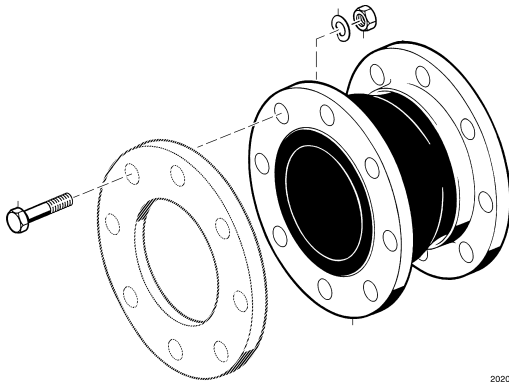


CONNECTING HARDWARE FOR PREHEATING UNIT
200.00030

GROUP NUMBER (FG)

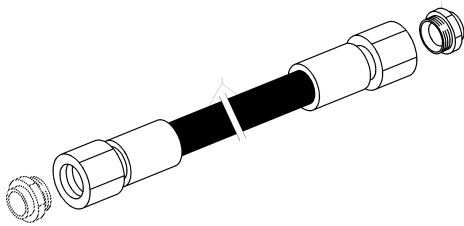
GROUP NAME

BOM-No.



BELLOWS
200.00034

20200039a



HOSE
200.00084

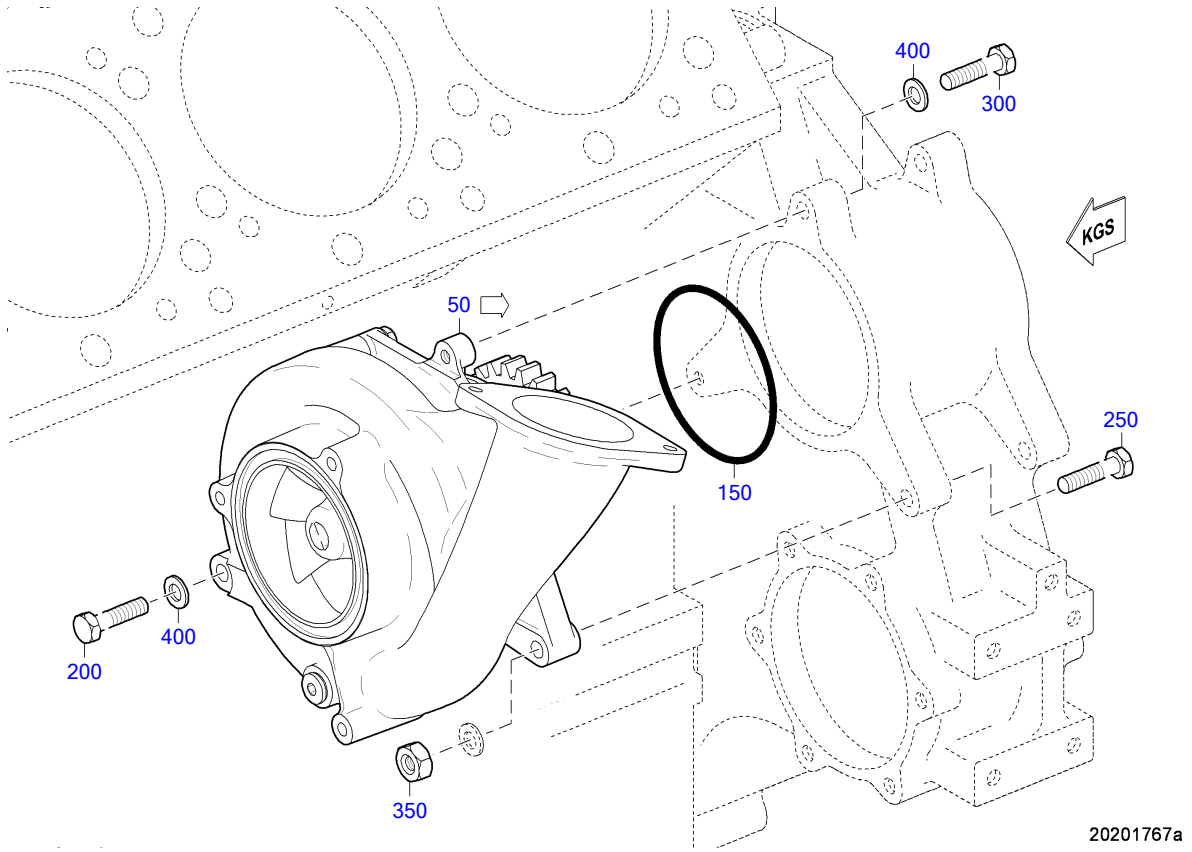
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EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
COOLANT PUMP HIGH-TEMP CIRCUIT

SERIAL NUMBER: 527110243

FG/FGS: 202 05
BOM-No.: XS595200.00014

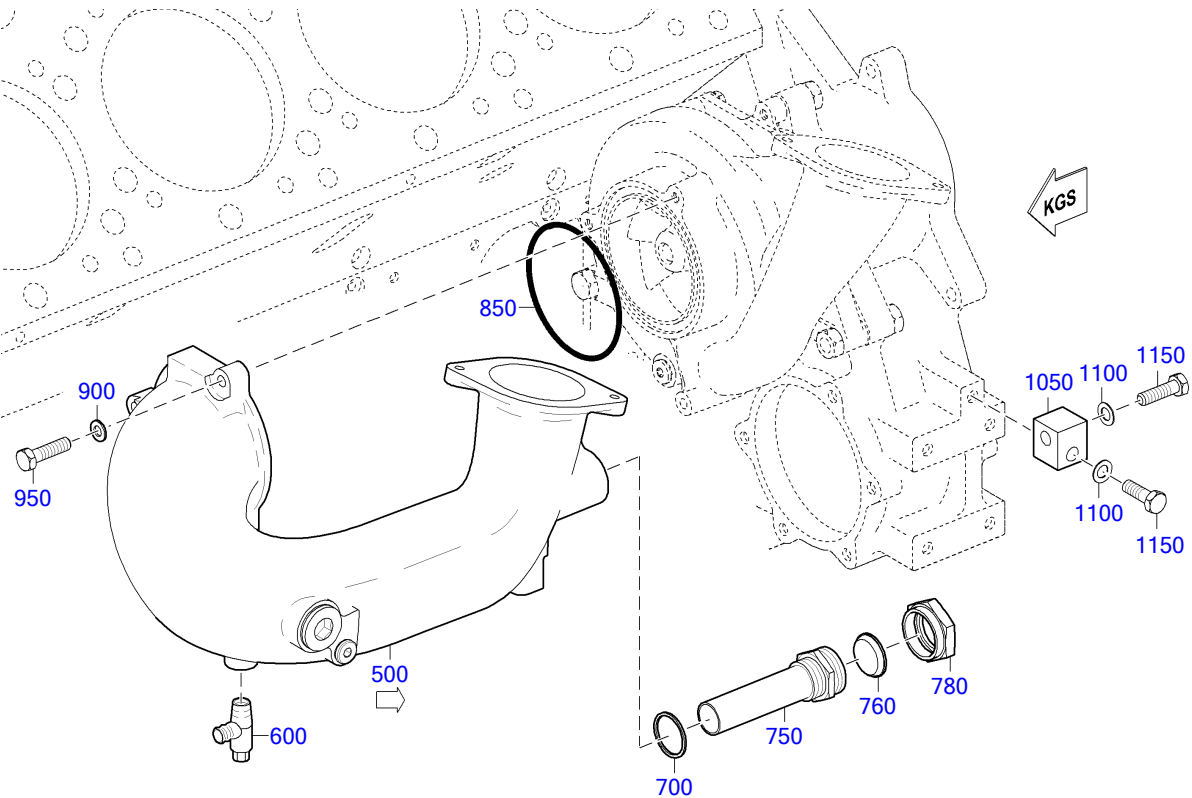


EQUI TYPE: Engine

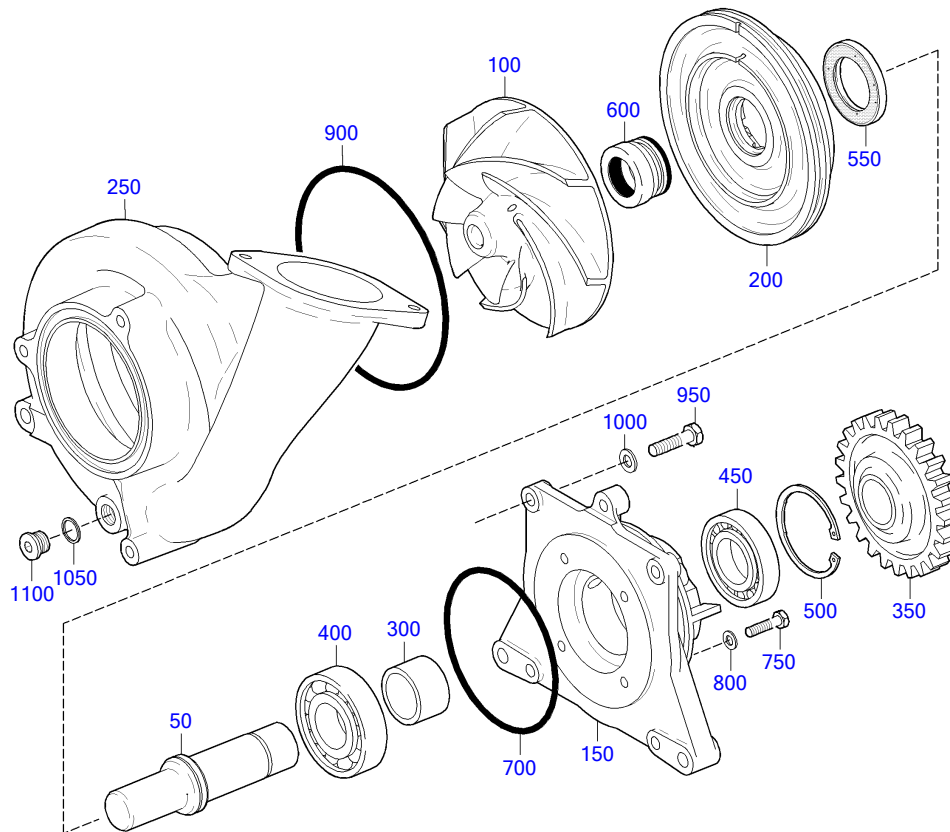
PRODUCT TYPE: 16V4000M23S
COOLANT PUMP HIGH-TEMP CIRCUIT

SERIAL NUMBER: 527110243

FG/FGS: 202 05
BOM-No.: XS595200.00014

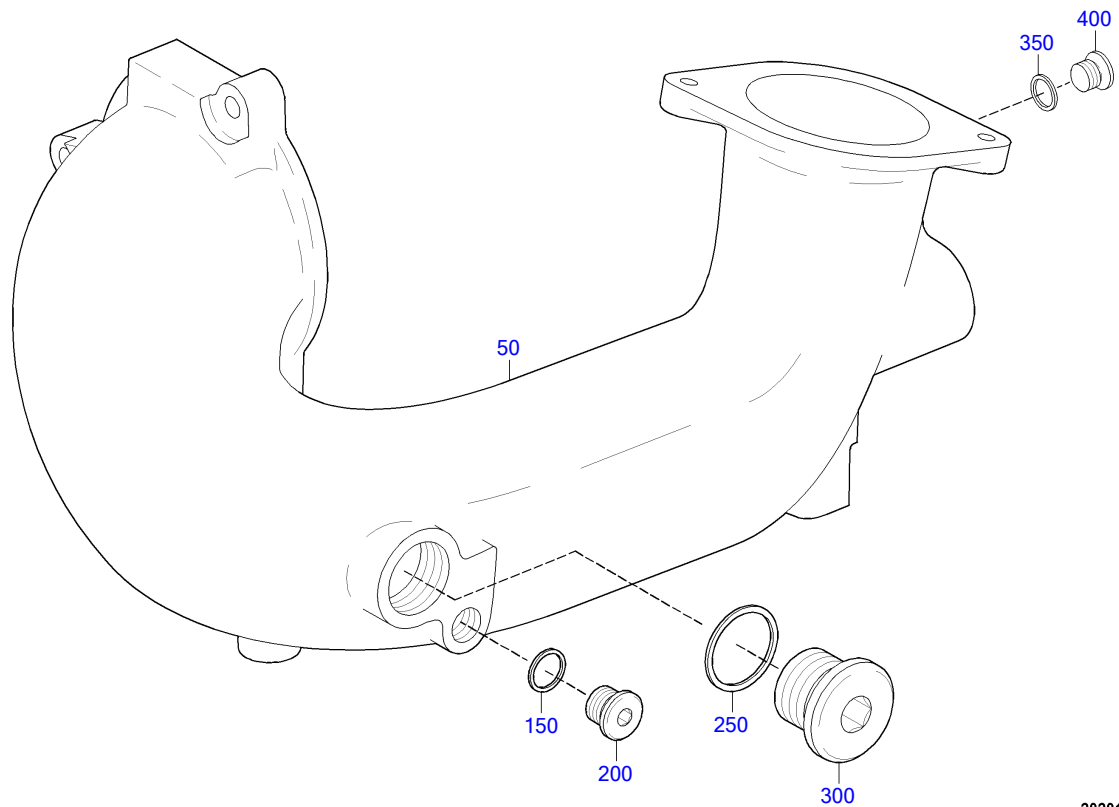


POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
50	X00036684	COOLANT PUMP	1	PC	30 KG	EM		
150	700429130003	O-RING	1	PC	18 G		130 X 5	MMN429
200	00000003921	HEX SCREW	1	PC	125 G		M 12 X 150	ISO4014
250	204017012019	HEX SCREW	1	PC	68 G		M 12 X 75	ISO4017
300	000000003926	BOLT HEX A3C	1	PC	55,600 G		M 12 X 55	ISO4017
350	000000004744	HEX NUT	1	PC	32 G		M 12	ISO4032
400	000125013012	WASHER	3	PC	5,320 G	MN	A 13	DIN125
500	X00038564	ELBOW	1	PC	12,680 KG			
600	0049976736	VALVE DRAIN	1	PC				
700	007603038101	COPPER SEALING RING	1	PC	5,400 G		A 38 X 44	DIN7603
750	X00043213	INJECTOR FOR ELBOW	1	PC		SB		
760	735189035000	SEALING CONE	1	PC	35 G		35	MTN5189
780	915001032003	NUT	1	PC	122 G		32 M 45 X 1,5	N15001
850	700429130000	O-RING	1	PC	27 G		130 X 6	MMN429
900	000125010524	WASHER	3	PC	3,100 G		A 10,5	DIN125
950	000000001039	BOLT HEX A3C	3	PC	29,800 G		M 10 X 40	ISO4017
1050	5242030340	SUPPORT MTG HOLDER	1	PC				
1100	000125013012	WASHER	2	PC	5,320 G	MN	A 13	DIN125
1150	000000003926	BOLT HEX A3C	2	PC	55,600 G		M 12 X 55	ISO4017



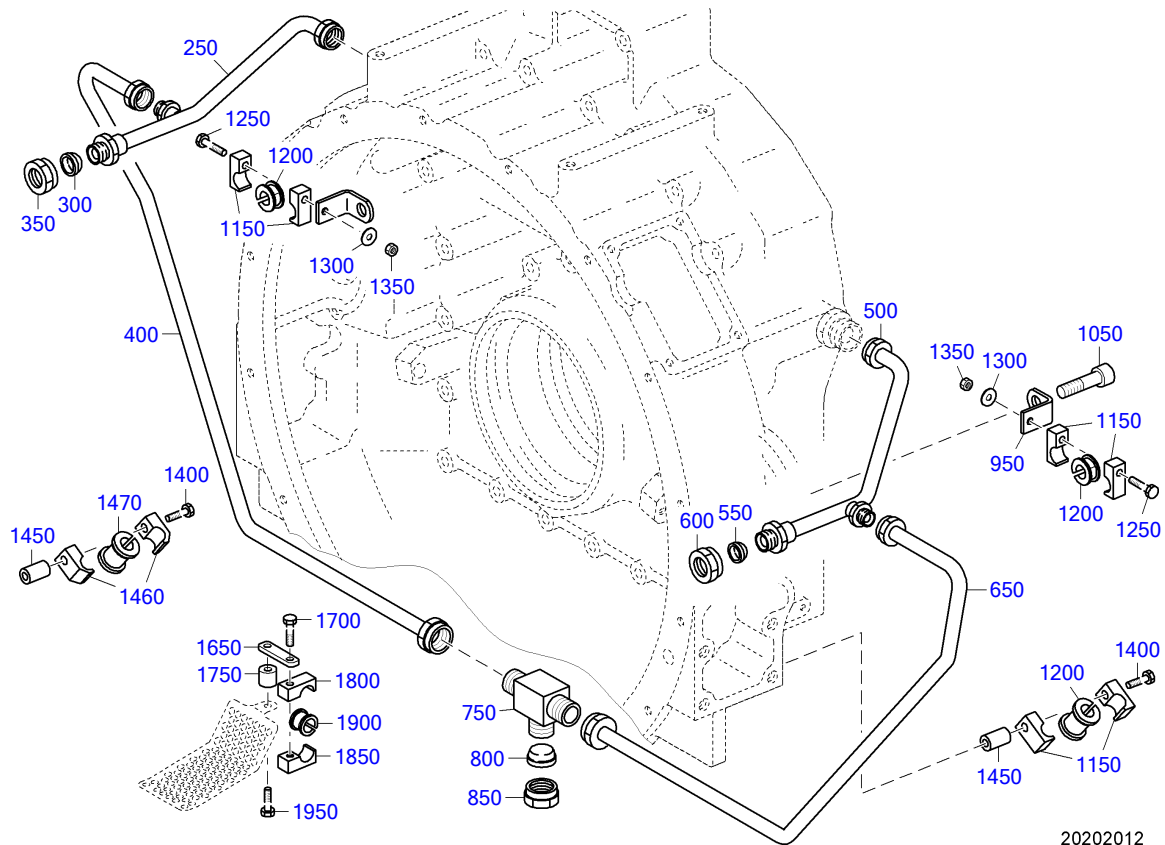
20201415a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	5272010805	SHAFT WTR PMP HI TEMP CLG CIRCUIT	1	PC	1,699 KG		
100	X00034674	IMPELLER	1	PC	3,070 KG		
150	X00039620	BEARING HOUSING	1	PC	7,750 KG		
200	X00036678	SEAL CARRIER	1	PC			
250	X00034669	SPIRAL HOUSING HT COOLANT CIRCUIT	1	PC			
300	5272010153	SPACER SLEEVE	1	PC	172,800 G		
350	X00041743	GEAR	1	PC	1,780 KG		
400	200628103006	BEARING ANGULAR CONTACT ROLLER	1	PC	766,500 G	QJ308	DIN628
450	705100502035	BEARING CYLINDRICAL ROLLER	1	PC		NU208	DIN5412
500	000472080000	RING SNAP	1	PC	22,820 G	80 X 2,5	DIN472
550	700386050002	SEAL OIL	1	PC	30,800 G	A 50 X 72 X 8	MMN386
600	X00026765	ROTARY SEAL	1	PC	119,200 G		
700	700429135000	O-RING	1	PC	19,055 G	135 X 5	MMN429
750	000931008241	BOLT HEX	4	PC	32 G	M 8 X 75	DIN931
800	000125008427	WASHER	4	PC	1,500 G	A 8,4	DIN125
900	700429185002	O-RING	1	PC	26,500 G	185 X 5	MMN429
950	000933010093	HEX BOLT	4	PC	28,600 G	M 10 X 35	DIN933
1000	000125010524	WASHER	4	PC	3,100 G	A 10,5	DIN125
1050	007603018101	COPPER SEALING RING	1	PC	1,300 G	A 18 X 22	DIN7603
1100	000908018002	PLUG	1	PC	29,800 KG	M 18 X 1,5	DIN908



20201416a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	X00038561	ELBOW	1	PC			
150	007603018101	COPPER SEALING RING	1	PC	1,300 G	A 18 X 22	DIN7603
200	000908018002	PLUG	1	PC	29,800 KG	M 18 X 1,5	DIN908
250	007603038101	COPPER SEALING RING	1	PC	5,400 G	A 38 X 44	DIN7603
300	000908038000	THREAD PLUG	1	PC	150,800 KG	M 38 X 1,5	DIN908
350	007603014102	COPPER SEALING RING	1	PC	1 G	A 14 X 18	DIN7603
400	000908014001	THREAD PLUG	1	PC	16,100 KG	M 14 X 1,5	DIN908



20202012

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
250	5242002352	PIPE	1	PC	420,700 G	SB		
300	915005020001	CONE SEALING	1	PC	15,400 G		22	MBN15005
350	915001020003	NUT	1	PC	48 G		20 M 30 X 1,5	N15001
400	5242002252	PIPE	1	PC	596,100 G	SB		
500	5242002052	PIPE	1	PC	403 G	SB		
550	915005020001	CONE SEALING	1	PC	15,400 G		22	MBN15005
600	915001020003	NUT	1	PC	48 G		20 M 30 X 1,5	N15001
650	5242002152	PIPE	1	PC	709 G	SB		
750	5569970974	FITTING TEE	1	PC	250 G		DN 20 / M30X1,5	
800	915005020001	CONE SEALING	1	PC	15,400 G		22	MBN15005
850	915001020003	NUT	1	PC	48 G		20 M 30 X 1,5	N15001
950	X52420200016	BRACKET L	2	PC				
1050	000912016004	BOLT HEX SOC HD	2	PC	103 G		M 16 X 45	DIN912
1150	700325022100	CLAMP HALF TUBE 1/1 D9-22	4	PC	48 G		1/1 D 9 - 22	MMN325
1200	700327018000	GROMMET	2	PC	4,700 G		18	MMN327
1250	304017008087	BOLT HEX	2	PC	4,263 G		M 8 X 50	ISO4017
1300	007349008002	WASHER	2	PC	8,300 G		8,4	DIN7349
1350	304032008014	NUT HEX 8 A3C	2	PC	4,800 G		M 8	ISO4032
1400	000000004389	HEX SCREW	2	PC	29,800 G		M 8 X 75	ISO4017
1450	5531530050	SPACER BUSHING	2	PC			10MM X 19MM L=32	
1460	X00031062	CLAMP PIPE HALF	4	PC				
1470	700327018000	GROMMET	2	PC	4,700 G		18	MMN327
1650	5500783841	RETAINER	2	PC	30 G			
1700	304017008085	BOLT HEX	2	PC	18 G		M 8 X 40	ISO4017
1750	X57299100096	SPACER SLEEVE	2	PC	22,600 G			

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
COOLANT LINE ON FLYWHEEL HSN

SERIAL NUMBER: 527110243

FG/FGS: 202 15

BOM-No.: XS594200.00064

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
1800	700325022100	CLAMP HALF TUBE 1/1 D9-22	2	PC	48 G		1/1 D 9 - 22	MMN325
1850	700325022200	CLAMP HALF TUBE 1/1 G8-22	2	PC	49 G		1/1 G 8 - 22	MMN325
1900	700327018000	GROMMET	2	PC	4,700 G		18	MMN327
1950	304017008085	BOLT HEX	2	PC	18 G		M 8 X 40	ISO4017

EQUI TYPE: Engine

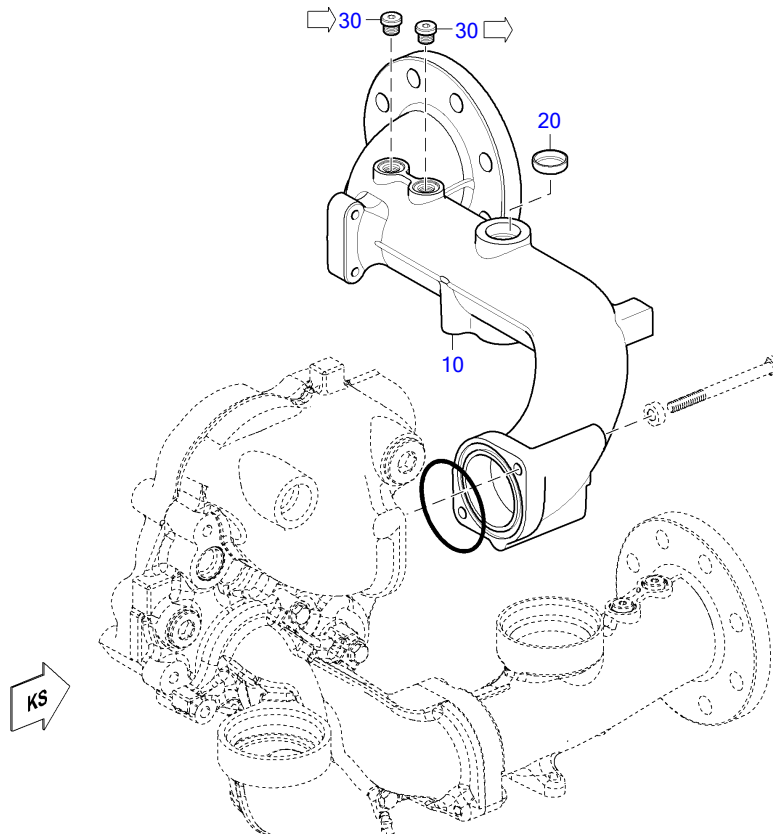
PRODUCT TYPE: 16V4000M23S
END COVER FOR COOLANT

SERIAL NUMBER: 527110243

FG/FGS: 202 15

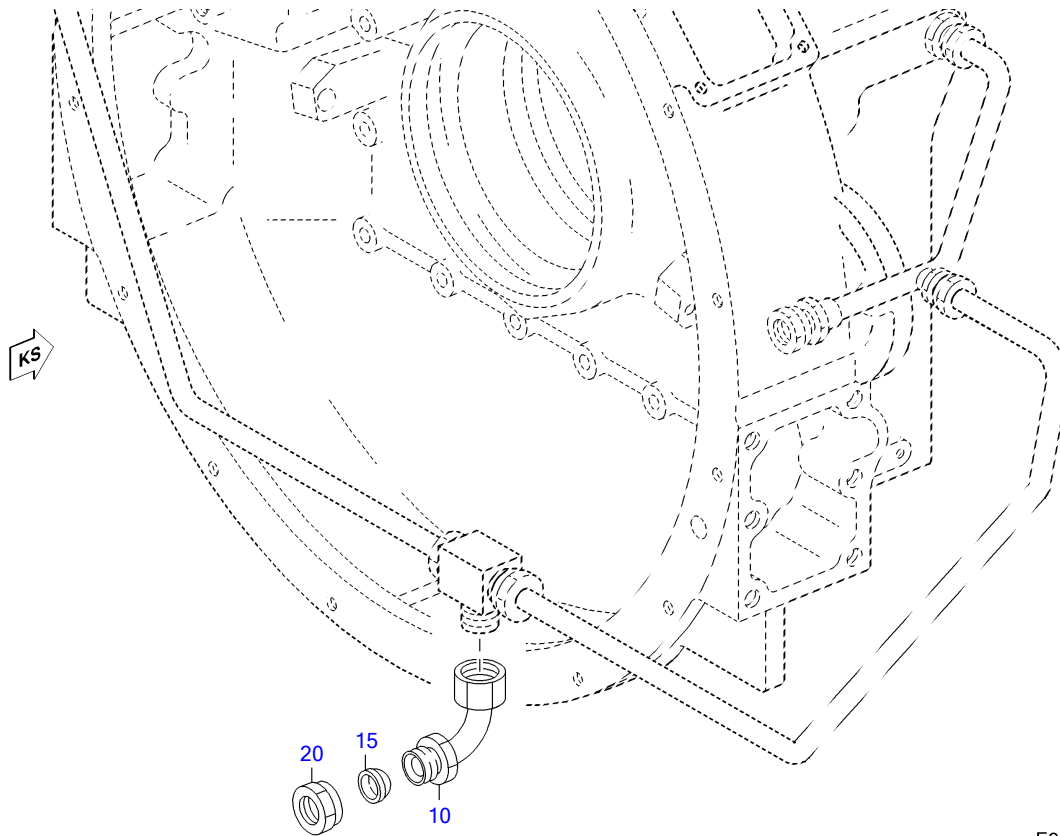
BOM-No.: XS594990.00059

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
200	X52499100632	BLIND FLANGE FOR ENGINE SHIPPING	1	PC			
250	5171870380	GASKET	1	PC			
300	200125017001	WASHER	8	PC	14,700 G	A 17	DIN125
350	000000003713	HEX SCREW	8	PC	110 G	M 16 X 55	ISO4017
400	200125017001	WASHER	8	PC	14,700 G	A 17	DIN125
450	000000003789	HEX NUT	8	PC	34,900 G	M 16	ISO4032



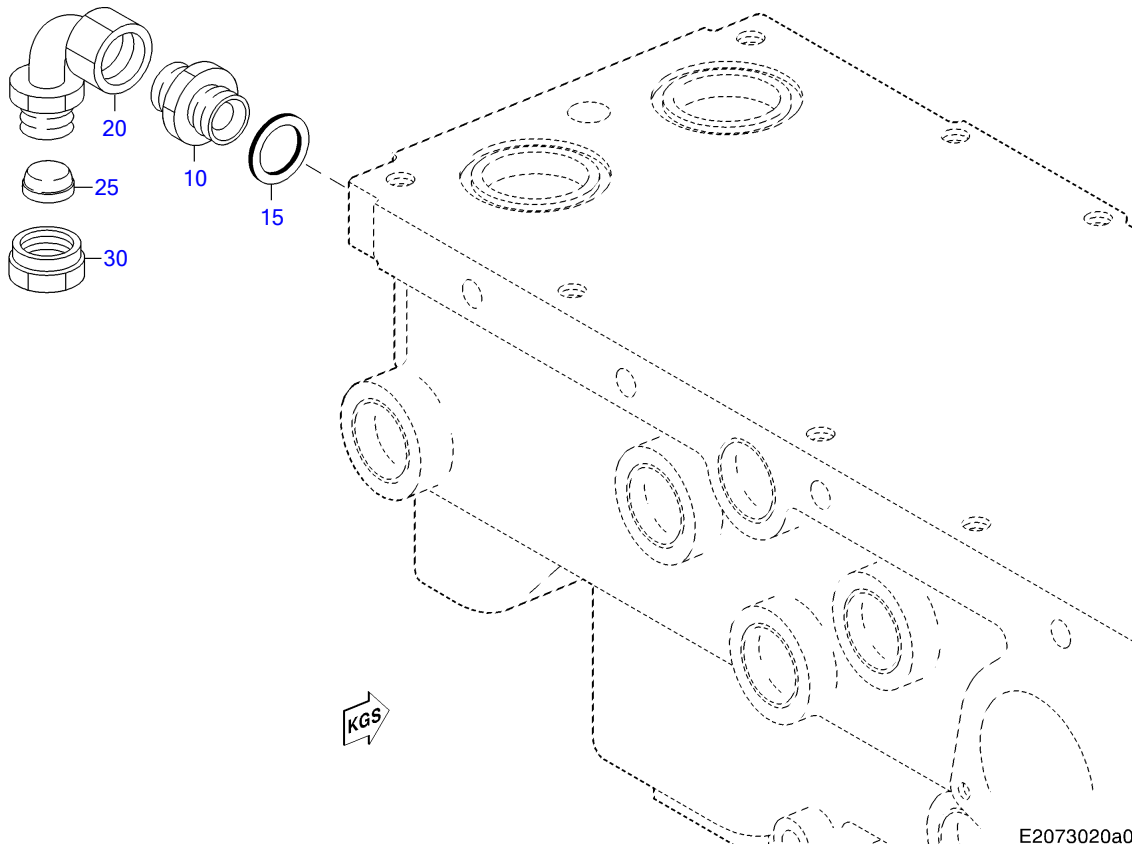
20600517

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	X59320200088	ELBOW TO COOLANT COOLER	1	PC		EM		
20	000443032000	COVER	2	PC	17,010 G		A 32	DIN443
30	735210014000	THREAD PLUG	2	PC	19,100 KG		M 14 X 1,5	MTN5210



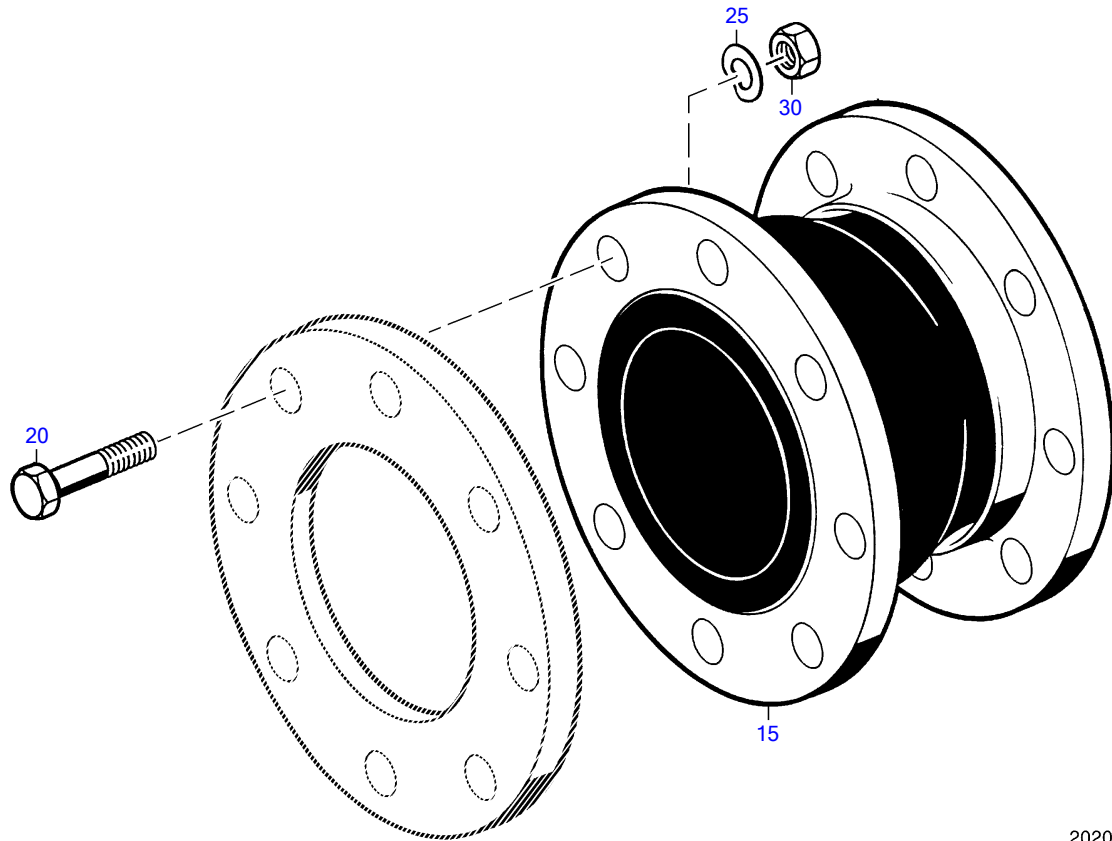
E2073019a0

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	700160000020	ELBOW 90 DEG KR 20	1	PC	210 G	KR 20	MMN160
15	915005020001	CONE SEALING	1	PC	15,400 G	22	MBN15005
20	915001020003	NUT	1	PC	48 G	20 M 30 X 1,5	N15001



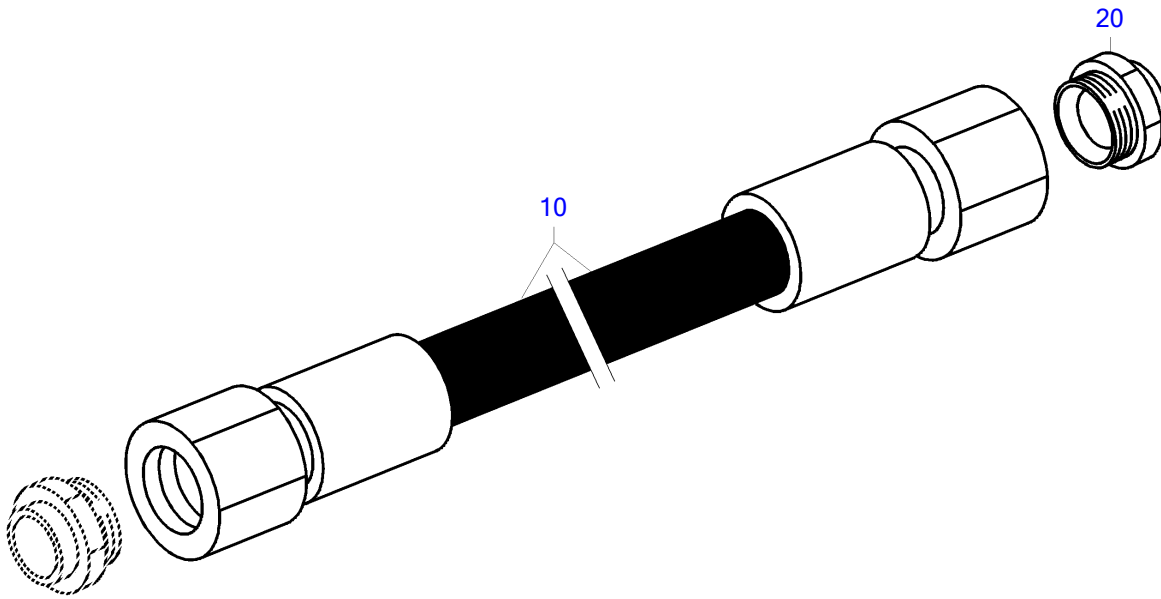
E2073020a0

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	915006020000	UNION	1	PC	87,500 G	20	N15006
15	007603030101	COPPER SEALING RING	1	PC		A 30 X 36	DIN7603
20	700160000020	ELBOW 90 DEG KR 20	1	PC	210 G	KR 20	MMN160
25	915005020001	CONE SEALING	1	PC	15,400 G	22	MBN15005
30	915001020003	NUT	1	PC	48 G	20 M 30 X 1,5	N15001



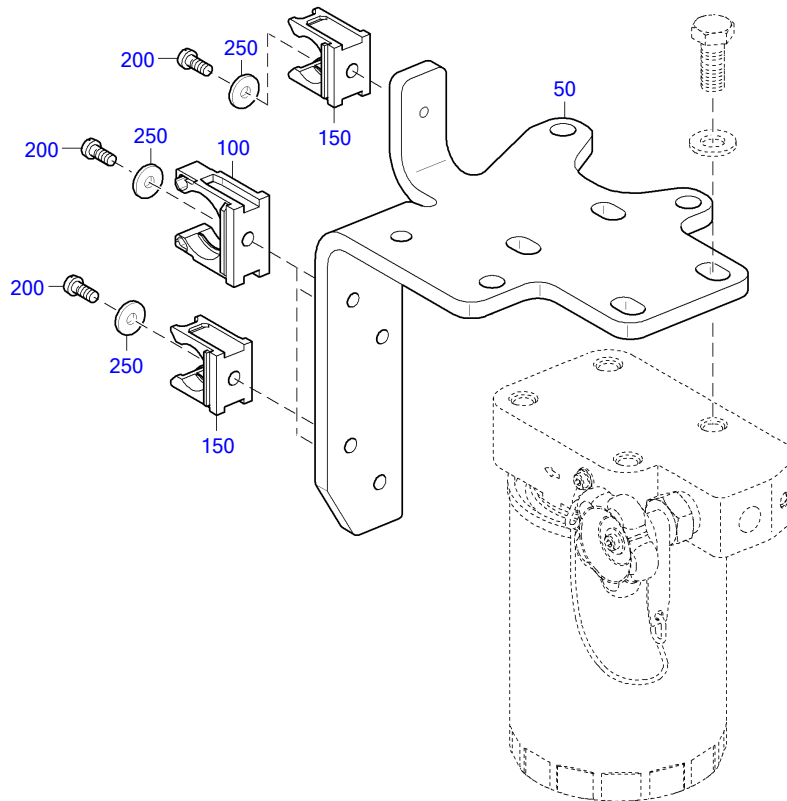
20200039a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
15	0002035383	COMPENSATOR	STD EL 145 MM , DN 80 MM	1	PC	7,320 KG		
20	304017016028	BOLT HEX A3C		8	PC	109 G	M 16 X 55	ISO4017
25	000137016201	WASHER SPRING B16		8	PC	5,200 G	B 16	DIN137
30	000934016019	NUT HEX 8		8	PC	29,500 G	M 16	DIN934



E2023074a0

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	735038008107	HOSE	1	PC	214 G	1SN 8 CC 300	MTN5038
20	718363208002	UNION	2	PC	20,700 G	10/M 16 X 1,5	MMN18363.2



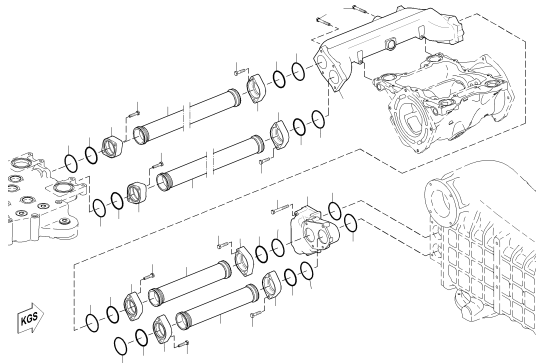
20202636

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	X59320200059	RETAINER	1	PC	1,430 KG		
100	X52650700039	CABLE CLAMP	3	PC	9 G	ROHRCLIP DN26	
150	0015331940	RETAINER CABLING AND PIPEWOR	2	PC	5,650 G	ROHRCLIP DN17	
200	000084005196	SCREW	5	PC	2,670 G	M 5 X 12	DIN84
250	007349005002	WASHER	5	PC		5,3	DIN7349

GROUP NUMBER (FG)

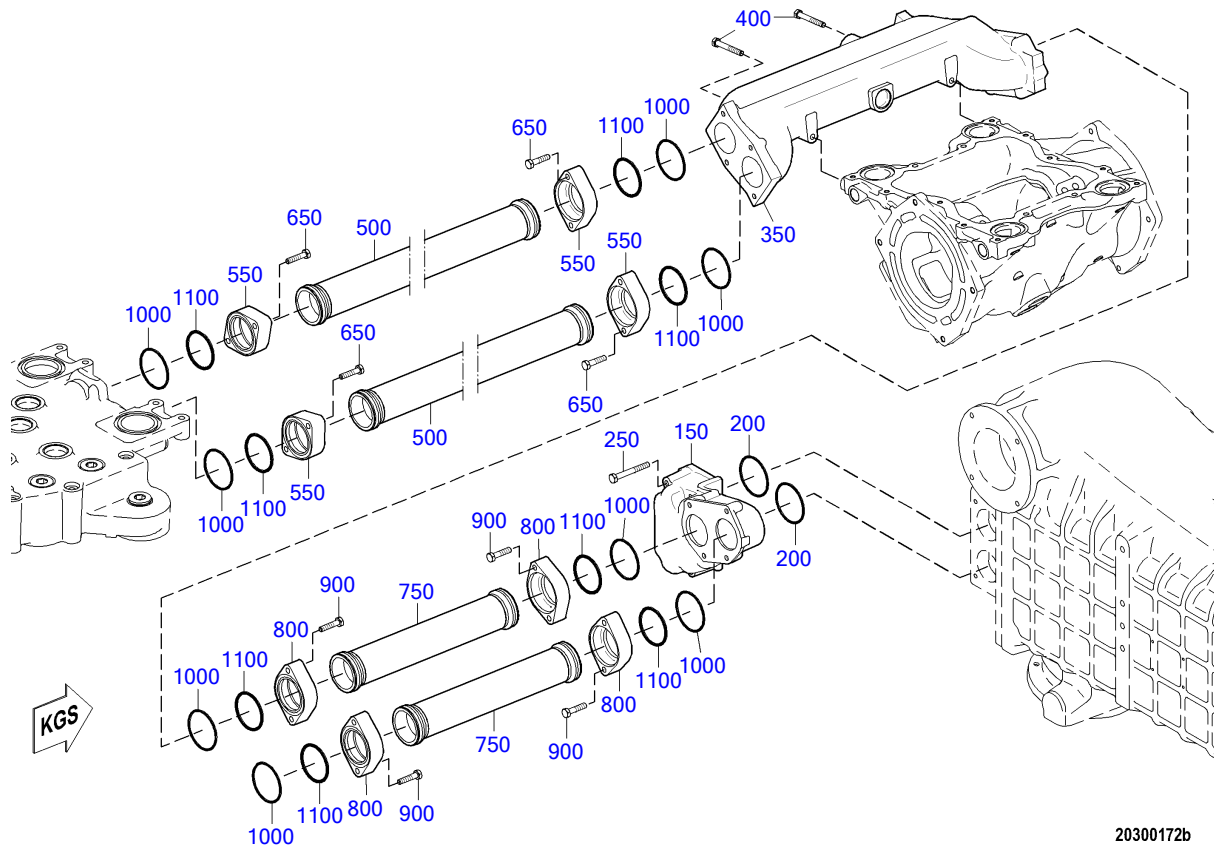
GROUP NAME

BOM-No.



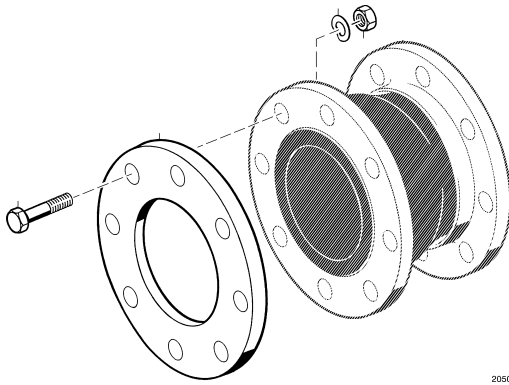
COOLANT DUCTING LT CIRCUIT
X00019354

200001726



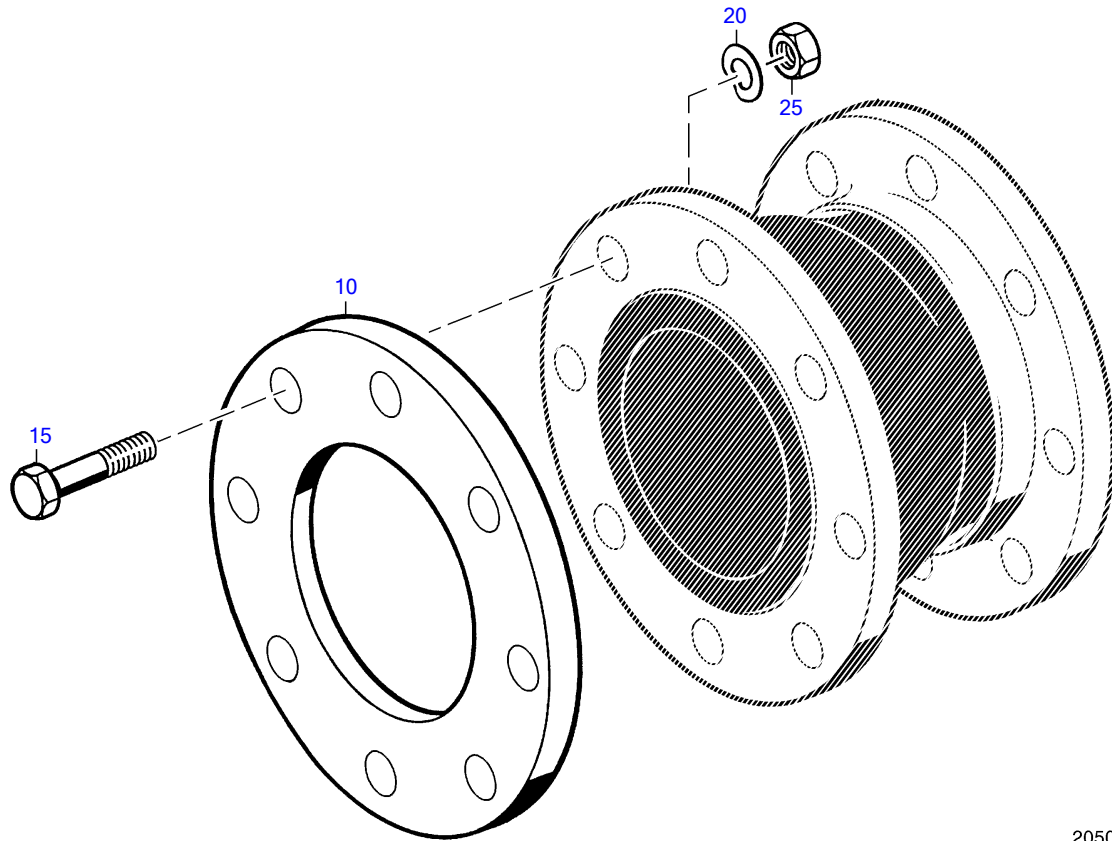
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
150	5262030222	ELBOW TWIN C23	1	PC	10,200 KG		
200	700429076000	O-RING	2	PC	7,090 G	76 X 4	MMN429
250	204017010026	HEX SCREW	4	PC	52,100 G	M 10 X 85	ISO4017
350	X59420300029	COOLANT ELBOW	1	PC	22,100 KG		
400	000000004742	HEX SCREW	2	PC	48,800 G	M 10 X 75	ISO4017
500	5262003551	TUBE ASM 720	2	PC	3,260 KG		
550	5262030439	FLANGE WELDING-NECK	4	PC	603,800 G		
650	204017010021	BOLT A3C	8	PC	33,200 G	M 10 X 45	ISO4017
750	5262003651	TUBE ASM 415 C23	2	PC	1,980 KG		
800	5262030439	FLANGE WELDING-NECK	4	PC	603,800 G		
900	204017010021	BOLT A3C	8	PC	33,200 G	M 10 X 45	ISO4017
1000	700429076000	O-RING	8	PC	7,090 G	76 X 4	MMN429
1100	700429070000	O-RING	8	PC	10,300 G	70 X 5	MMN429

GROUP NUMBER (FG)
GROUP NAME
BOM-No.



COMPANION FLANGE
200.00035

20500013a



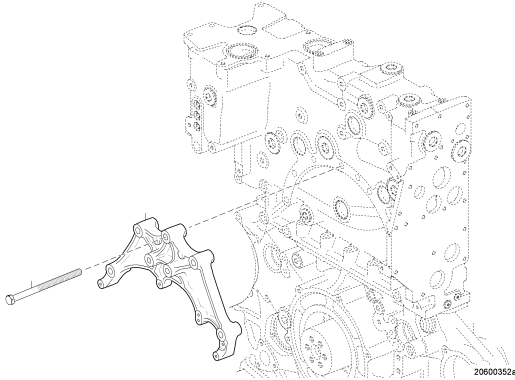
20500013a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	002576080200	FLANGE	1	PC	3,550 KG	B 80 X 88,9	DIN2576
15	304017016028	BOLT HEX A3C	8	PC	109 G	M 16 X 55	ISO4017
20	000137016201	WASHER SPRING B16	8	PC	5,200 G	B 16	DIN137
25	000934016019	NUT HEX 8	8	PC	29,500 G	M 16	DIN934

GROUP NUMBER (FG)

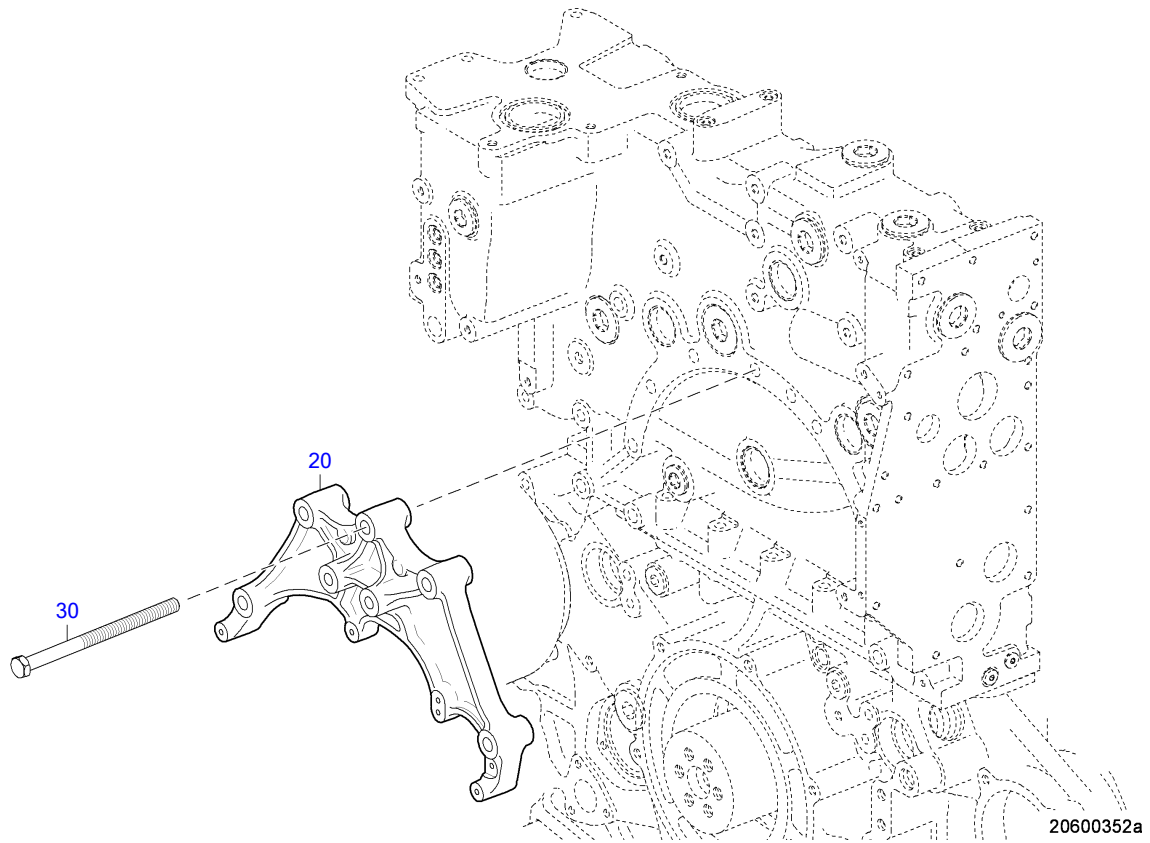
GROUP NAME

BOM-No.



RETAINER
XS526200.00043

COOLANT DISTRIB HSG
XS593200.00057



POS.	PART NO.	DESIGNATION	QTY.	UNITS	MEASUREMENT	STANDARD
20	X59307700015	RETAINER	1	PC	BATMAN	
30	204014016010	HEX SCREW	5	PC	M 16 X230	ISO4014

EQUI TYPE: Engine

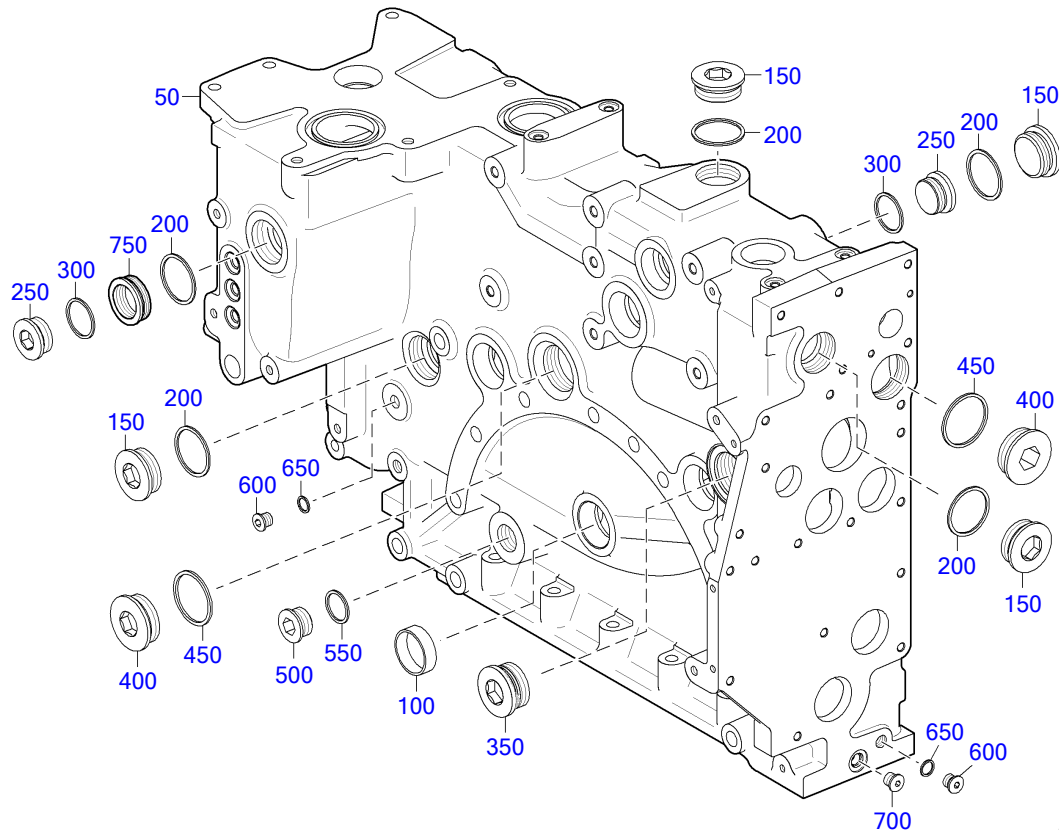
PRODUCT TYPE: 16V4000M23S
COOLANT DISTRIB HSG

SERIAL NUMBER: 527110243

FG/FGS: 206 05

BOM-No.: XS593200.00057

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
150	700429055001	O-RING	1	PC	8,110 G	55 X 5	MMN429
200	700429042000	O-RING	1	PC	6,400 G	42 X 5	MMN429
250	700429070000	O-RING	1	PC	10,300 G	70 X 5	MMN429
300	204017012015	HEX SCREW	2	PC	50 G	M 12 X 50	ISO4017
350	000000002970	BOLT HEX ZNPH R5F	5	PC	67 G	M 12 X 70	ISO4017
450	700429083000	O-RING	2	PC		83 X 5	MMN429
500	000000002973	HEX SCREW	9	PC	303 G	M 16 X180	ISO4014
600	735210014000	THREAD PLUG	5	PC	19,100 KG	M 14 X 1,5	MTN5210
	X59320200096	COOLANT DISTRIB HSG	1	PC			



20600499

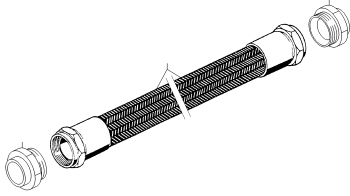
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	X59320200095	COOLANT DISTRIB HSG	1	PC			
100	5249970020	SEALING CAP	8	PC		D 50	
150	000908048004	THREAD PLUG	8	PC	259 KG	M 48 X 1,5	DIN908
200	007603048101	COPPER SEALING RING	9	PC	8,100 G	A 48 X 55	DIN7603
250	000908038000	THREAD PLUG	3	PC	150,800 KG	M 38 X 1,5	DIN908
300	007603038101	COPPER SEALING RING	3	PC	5,400 G	A 38 X 44	DIN7603
350	735210048000	THREAD PLUG	1	PC	337 KG	M 48 X 2	MTN5210
400	000908052003	THREAD PLUG	2	PC	308,500 KG	M 52 X 1,5	DIN908
450	007603052101	COPPER SEALING RING	2	PC	12,300 G	A 52 X 60	DIN7603
500	000908030002	THREAD PLUG	1	PC	85,500 KG	M 30 X 1,5	DIN908
550	007603030101	COPPER SEALING RING	1	PC		A 30 X 36	DIN7603
600	000908014001	THREAD PLUG	1	PC	16,100 KG	M 14 X 1,5	DIN908
650	007603014102	COPPER SEALING RING	1	PC	1 G	A 14 X 18	DIN7603
700	735210014000	THREAD PLUG	1	PC	19,100 KG	M 14 X 1,5	MTN5210
750	X59499100029	THREADED BUSHING	1	PC	100 G	M48X1.5/M38X1.5	

GROUP NUMBER (FG)

GROUP NAME

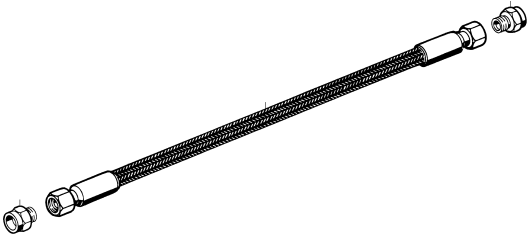
BOM-No.

HOSE
200.00028

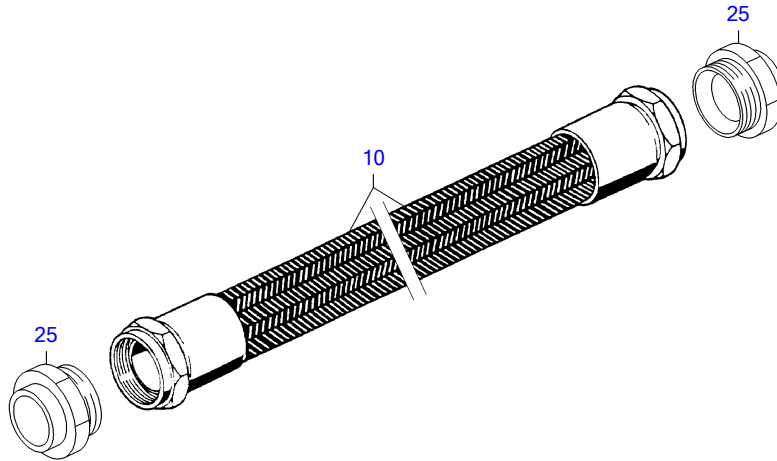


E207301a0

HOSE
200.00027

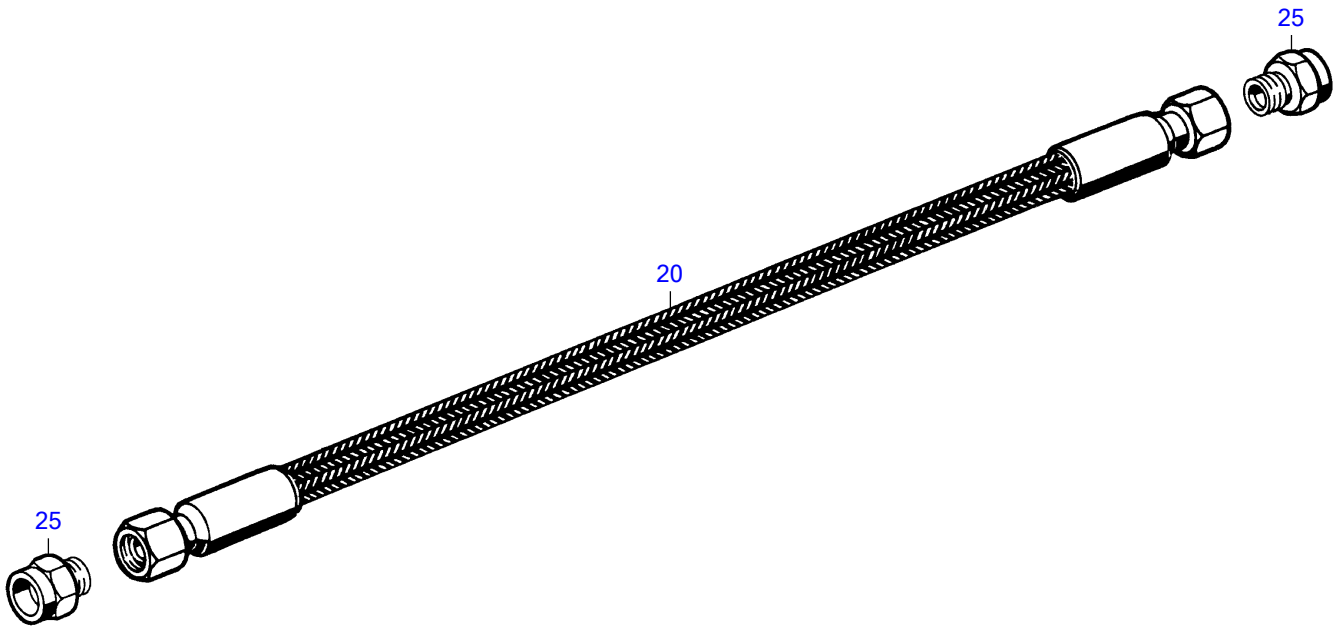


E2073016a0



E2073011a0

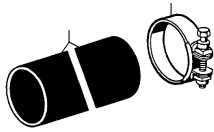
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	735038020104	HOSE	1	PC	672 G	1SN 20 CC 400	MTN5038
25	718363220003	UNION	2	PC	68,600 G	22/M 30 X 1,5	MMN18363.2



E2073016a0

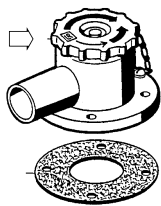
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
20	735038006102	HOSE	1	PC	154,300 KG	1SN 6 CC 300	MTN5038
25	718363206002	UNION	2	PC	15,200 G	8/M 14 X 1,5	MMN18363.2

GROUP NUMBER (FG)
GROUP NAME
BOM-No.



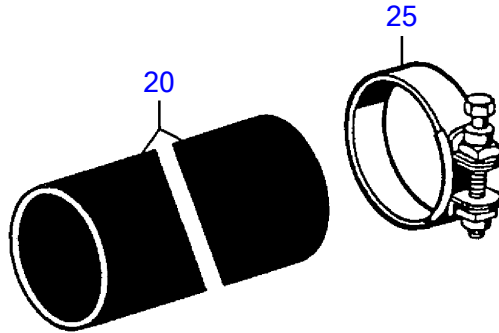
RUBBER SLEEVE
200.00023

ET14 004705



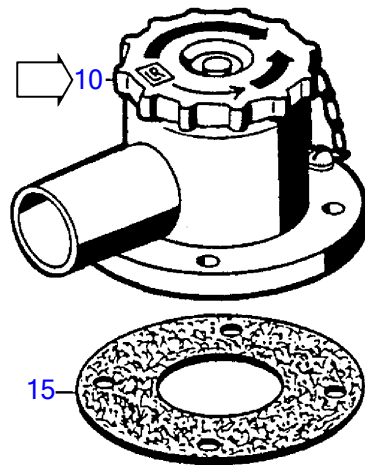
SHUTOFF VALVE
200.00083

ET14 047808



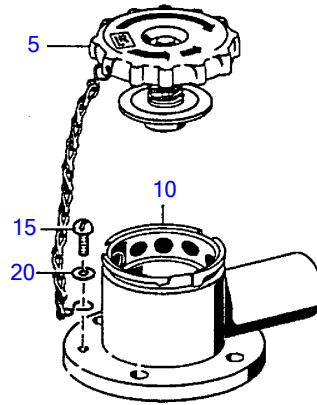
ET14 004705

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
20	700368042004	SLEEVE RUBBER	1	PC	540 G	42 X 400	MMN368
25	900288054005	CLAMP	2	PC	70 G	S 54/20X1 SKZ	N288A



ET14 047808

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN
10	0002000017	PRESSURE CAP (EXPANSION TANK)	1	PC	1,367 KG	P
15	5612031880	GASKET	1	PC	18,050 G	



ET14 004707

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
5	0002033286	CAP PRESSURE EXPANSION TANK S2000/4000	1	PC	151,900 G			
10	Z=7.4560.2.00	BASE COMPLETE	1	PC				
15	Z=M6X10DIN86	RD-HD SCRW	1	PC		AC	M6 X 10	
20	000125006431	WASHER	1	PC	0,900 G		A 6,4	DIN125

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
MOUNTING / SUPPORT

SERIAL NUMBER: 527110243
FG/FGS: 230

GROUP NUMBER (FG)

GROUP NAME

BOM-No.

BEARING

BK527230.304937-01

RUBBER MOUNT

XS527230.00034

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
BEARING

SERIAL NUMBER: 527110243

FG/FGS: 230 00

BOM-No.: BK527230.304937-01

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
200	206796016000	CONICL SPRING WASHER	32	PC	28,100 G	16	DIN6796
250	304017016027	BOLT HEX A3C	32	PC	103 G	M 16 X 50	ISO4017

EQUI TYPE: Engine

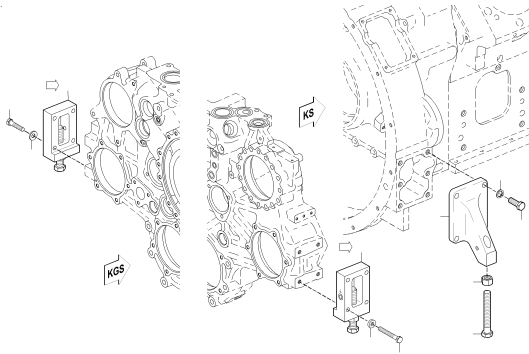
PRODUCT TYPE: 16V4000M23S
RUBBER MOUNT

SERIAL NUMBER: 527110243

FG/FGS: 230 05
BOM-No.: XS527230.00034

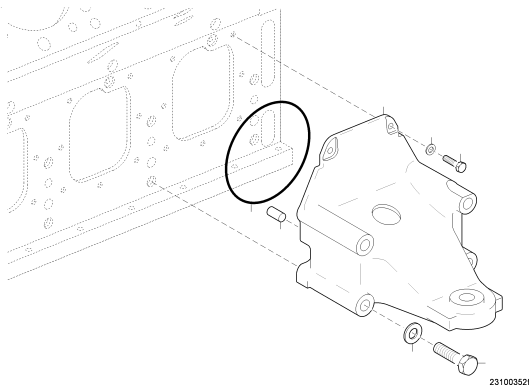
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
30	X52723100033	RUBBER MOUNT	1	PC	15,891 KG

GROUP NUMBER (FG)
GROUP NAME
BOM-No.

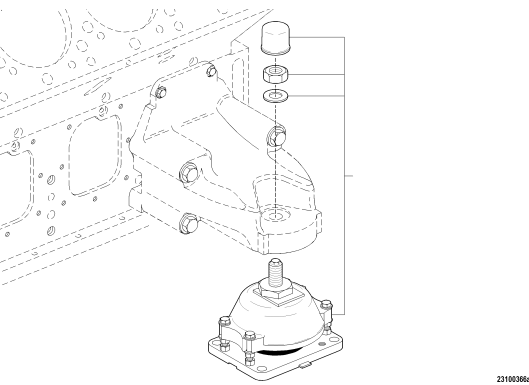


ENGINE SUPPORT
XS527230.00015

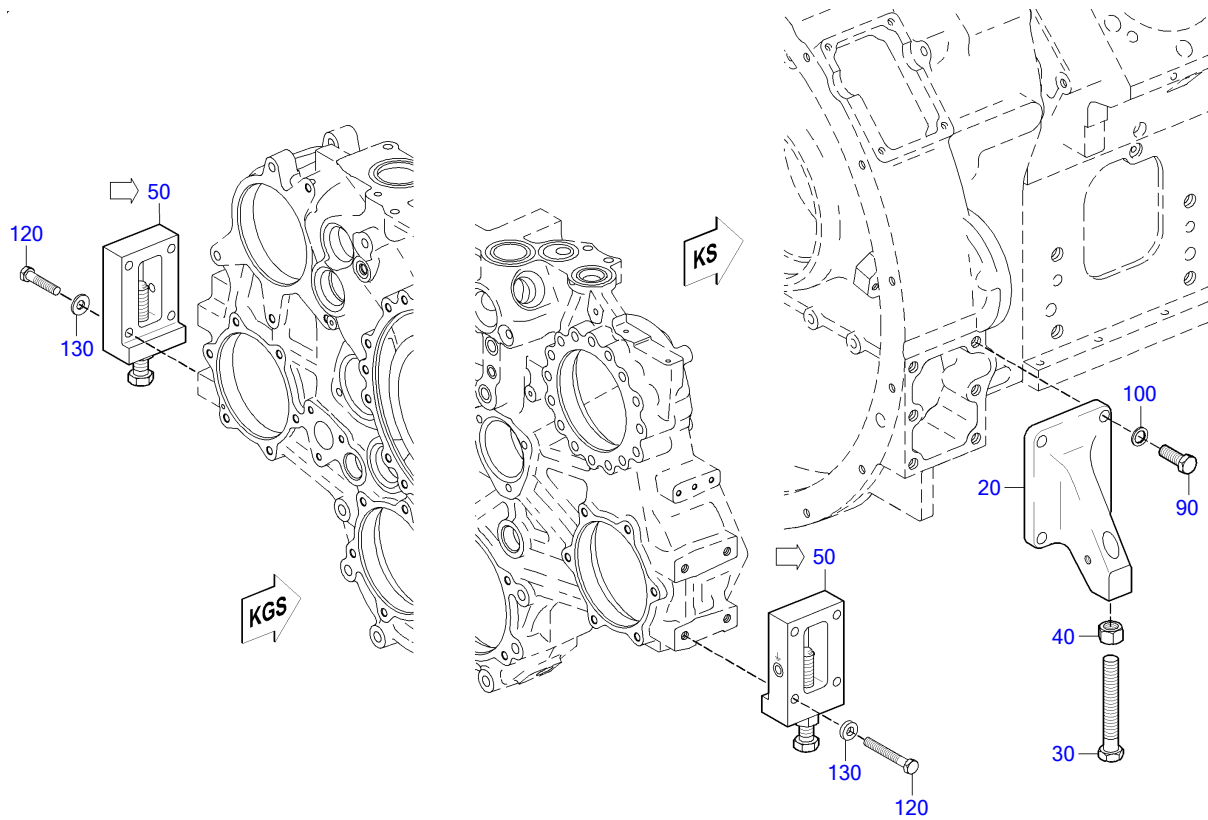
23100353a



MOUNTING BRACKET
XS527230.00016

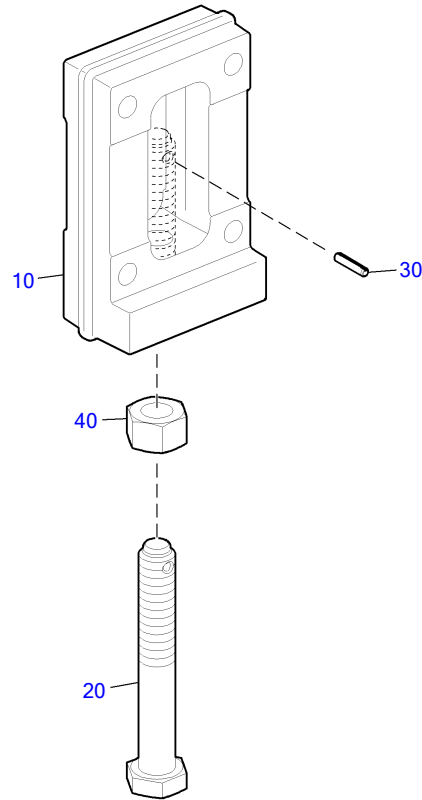


RUBBER MOUNT
XS595230.00003



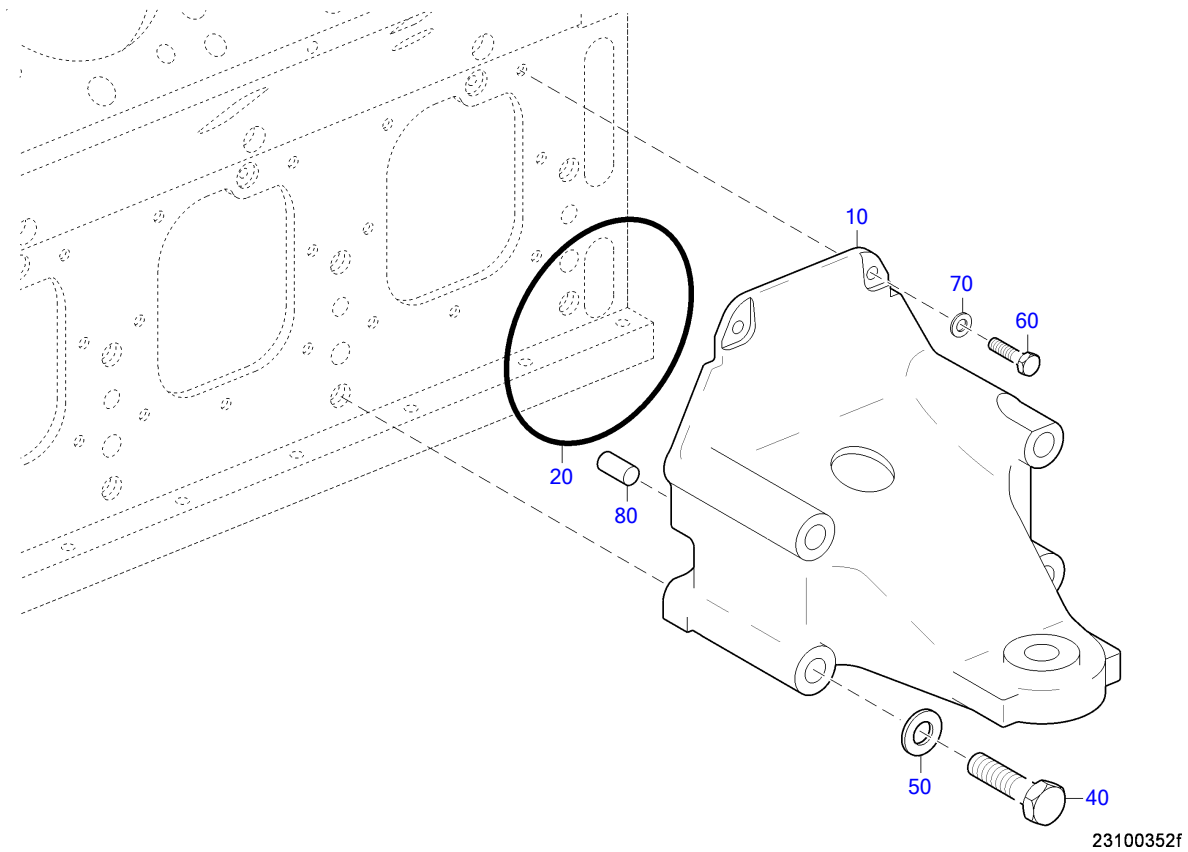
23100353a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
20	X59623100004	ENGINE SUPPORT MAIN PTO END	2	PC	8,280 KG		
30	304017020007	BOLT AK HEX A3C	2	PC		M 20 X140 AK	ISO4017
40	304032020001	HEX NUT	2	PC	61 G	M 20	ISO4032
50	X52723100019	ENGINE SUPPORT	2	PC	3,950 KG		
90	304017016026	BOLT HEX A3C	8	PC	105 G	M 16 X 50	ISO4017
100	200433017001	WASHER	8	PC	7,300 G	17	DIN433
120	000000001078	HEX SCREW	8	PC		M 12 X 60	ISO4017
130	200433013000	WASHER	8	PC		13	DIN433

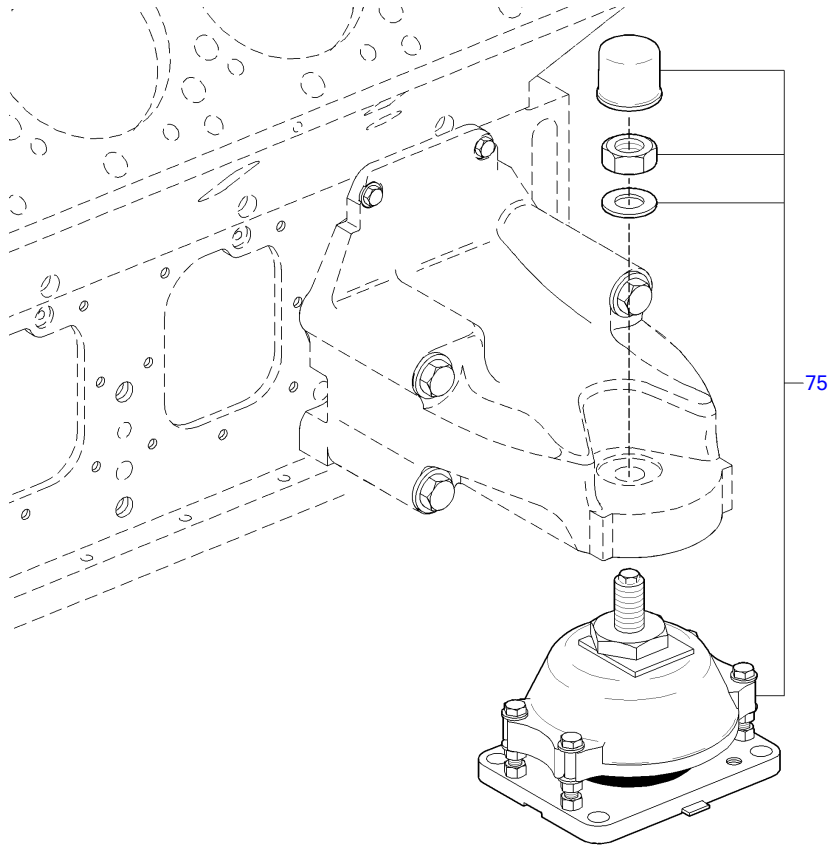


23100466a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	X59623100003	ENGINE SUPPORT	1	PC	3,569 KG		
20	X52723100020	SCREW	1	PC	0,390 KG		
30	001481005030	PIN SPRING	1	PC	2,180 G	5 X 24 - N	ISO8752
40	304032020001	HEX NUT	1	PC	61 G	M 20	ISO4032

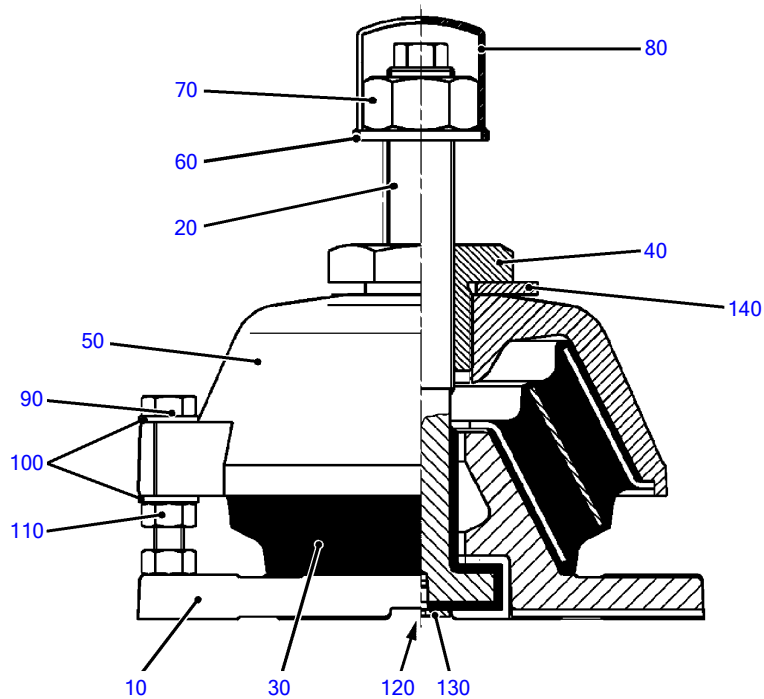


POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	X52623100018	MOUNTING BRACKET	4	PC	25,400 KG		
20	700429192000	O-RING	4	PC	16,900 G	192 X 4	MMN429
40	204014020004	HEX SCREW	16	PC	533,700 G	M 20 X200	ISO4014
50	200433021000	WASHER	16	PC	12,400 G	21	DIN433
60	000000003021	HEX SCREW	8	PC	23,700 G	M 10 X 25	ISO4017
70	000125010524	WASHER	8	PC	3,100 G	A 10,5	DIN125
80	000007016104	PIN DOWEL	8	PC	55 G	16 M6 X 32	DIN7



23100366a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
75	X52623100058	RUBBER MOUNT	4	PC	15,800 KG



23100228c

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	XP52623100089	FOOT		1	PC			
20	X00033995	BUFFER	4000	1	PC	1,121 KG		
30	XP52623100082	RUBBER ELEMENT		1	PC		SHORE 60	
40	XP52623100088	ADJUSTMENT BOLT		1	PC			
50	X00043629	COVER	4000	1	PC			
60	000125027004	WASHER		1	PC	46 G	B 27	DIN125
70	000934027004	HEX NUT		1	PC	155 G	M 27 X 2	DIN934
80	XP52623100078	PROTECTIVE CAP		1	PC			
90	000933012040	BOLT HEX		4	PC	73 G	M 12 X 75	DIN933
100	200125013000	WASHER		8	PC		A 13	DIN125
110	000934012008	NUT HEX		8	PC	15,400 G	M 12	DIN934
120	X00034055	COUNTERSUNK HD SCREW	4000	1	PC		M6X10	DIN 7991
130	X00034057	LOCKING DEVICE	4000	1	PC			
140	X00034058	LOCKING DEVICE	4000	1	PC			

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
AUXILIARY PTO, SIDE-MOUNTED

SERIAL NUMBER: 527110243
FG/FGS: 259

GROUP NUMBER (FG)

GROUP NAME

BOM-No.

ADHESIVE FOR COUPLING

BK310259.304937-01

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
ADHESIVE FOR COUPLING

SERIAL NUMBER: 527110243

FG/FGS: 259 05

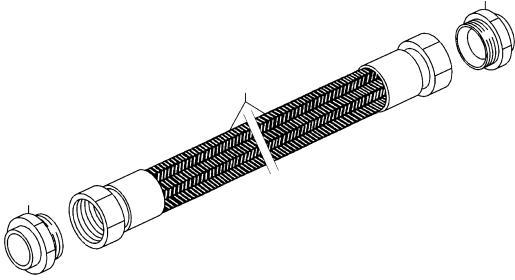
BOM-No.: BK310259.304937-01

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
70	200433021001	WASHER	12	PC	12,200 G	21	DIN433
90	000000000639	BOLT HEX A3C	12	PC		M 20 X180	ISO4014

GROUP NUMBER (FG)

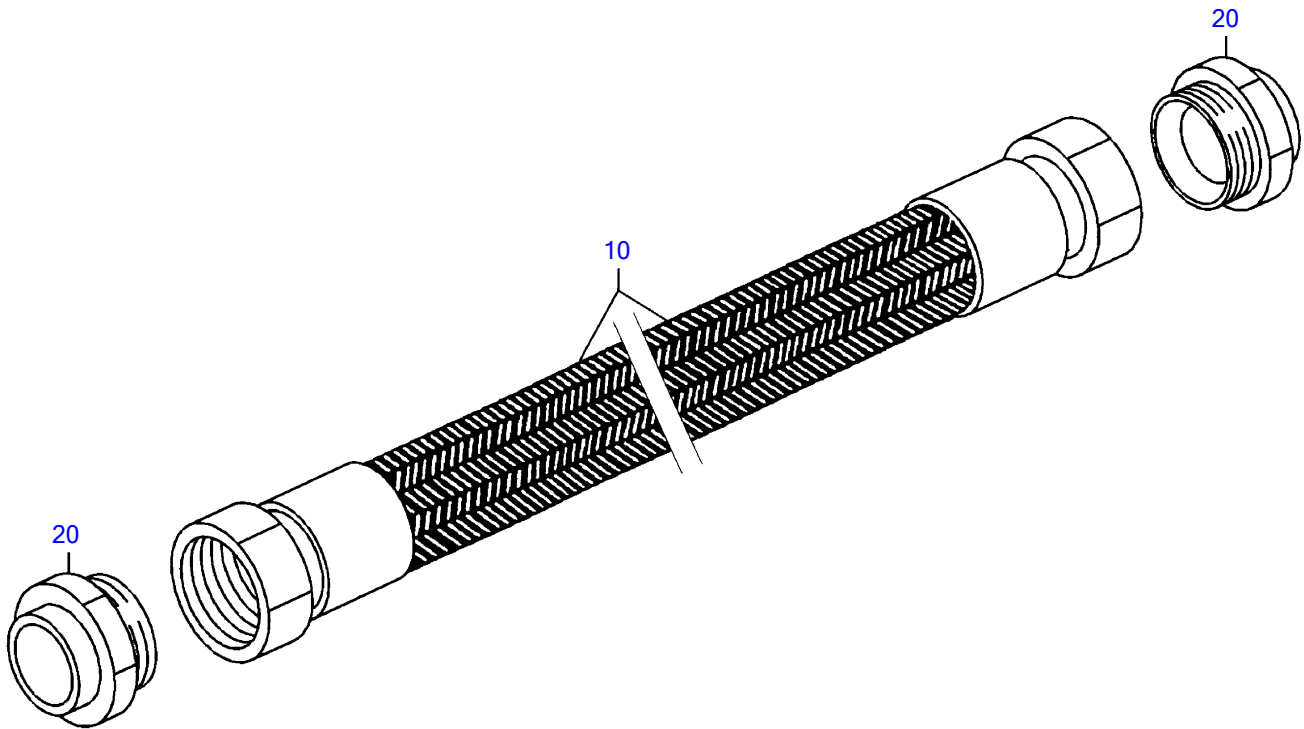
GROUP NAME

BOM-No.



HOSE
340.00013

34200009a



34200009a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	735038032102	HOSE	1	PC	1,580 KG	1SN 32 CC 500	MTN5038
20	718363232002	UNION	2	PC	175 G	35/M 45 X 1,5	MMN18363.2

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S

SERIAL NUMBER: 527110243

AUXILIARY SYSTEMS - SUPPLEMENTARY EQUIPMENT

FG/FGS: 360

GROUP NUMBER (FG)

GROUP NAME

BOM-No.

PREHEATING UNIT

BK527360.304937-01

FUEL PREFILTER

BK527360.304937-02

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
PREHEATING UNIT

SERIAL NUMBER: 527110243

FG/FGS: 360 00
BOM-No.: BK527360.304937-01

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
100	700160000020	ELBOW 90 DEG KR 20	1	PC	210 G	KR 20	MMN160
150	735038020100	HOSE	1	PC	1,045 KG	1SN 20 CC 1000	MTN5038
200	700419999001	UNION 20G 3/4 A	1	PC	81,500 G	22 G 3/4 A	MMN419
250	007603027100	WASHER A COP	1	PC	3,200 G	A 27 X 32	DIN7603
300	X52799100054	BALL COCK	1	PC		ZL311024	
350	007603027100	WASHER A COP	1	PC	3,200 G	A 27 X 32	DIN7603
400	700419999030	SCREW-FITTING UNION	1	PC	135 G	28 G 3/4 A	MMN419
450	X58499100030	ELBOW	1	PC			
550	X58499100030	ELBOW	1	PC			
600	700419999030	SCREW-FITTING UNION	1	PC	135 G	28 G 3/4 A	MMN419
650	007603027100	WASHER A COP	1	PC	3,200 G	A 27 X 32	DIN7603
700	X52799100054	BALL COCK	1	PC		ZL311024	
750	007603027100	WASHER A COP	1	PC	3,200 G	A 27 X 32	DIN7603
760	700419999001	UNION 20G 3/4 A	1	PC	81,500 G	22 G 3/4 A	MMN419
800	735038020103	HOSE	1	PC		1SN 20 CC 600	MTN5038
850	915006020005	UNION	1	PC	89 G	20	N15006
900	735038020103	HOSE	1	PC		1SN 20 CC 600	MTN5038
1000	206796010000	CONICL SPRING WASHER	4	PC	6,100 G	10	DIN6796
1050	204017010015	HEX SCREW	4	PC	25,600 G	M 10 X 30	ISO4017

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S

SERIAL NUMBER: 527110243

FUEL PREFILTER

FG/FGS: 360

00

BOM-No.: BK527360.304937-02

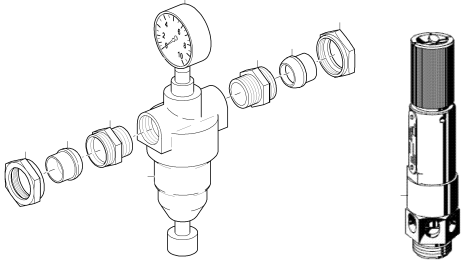
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
150	006796012100	CONICL SPRING WASHER	4	PC	12 G		12	DIN6796
200	204032012002	HEX NUT	4	PC			M 12	ISO4032
250	204017012009	HEX SCREW	4	PC	45 G	MN	M 12 X 40	ISO4017
400	206796010000	CONICL SPRING WASHER	4	PC	6,100 G		10	DIN6796
450	204017010016	HEX SCREW	4	PC	26,500 G		M 10 X 32	ISO4017

GROUP NUMBER (FG)

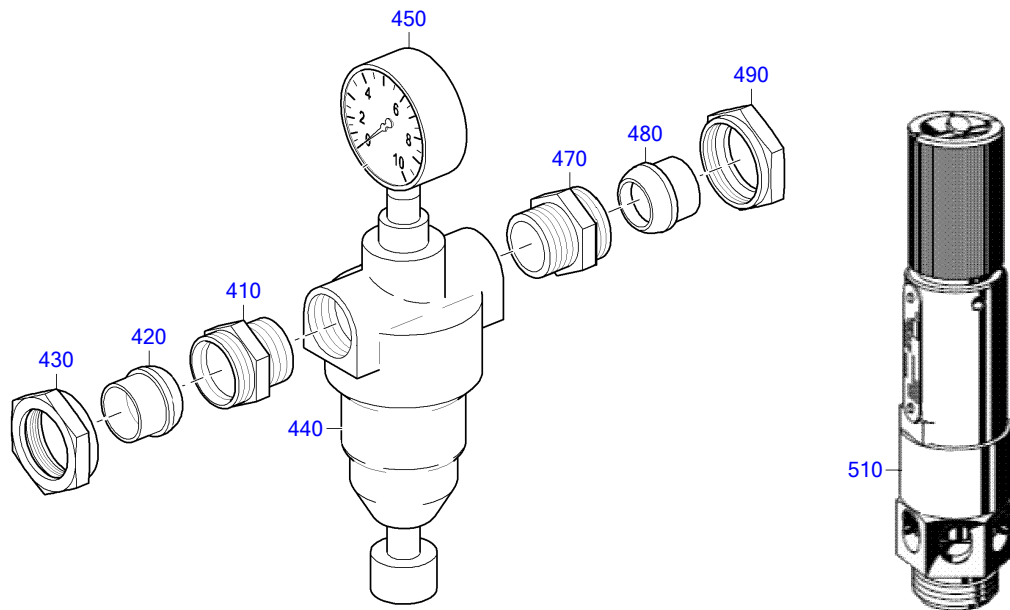
GROUP NAME

BOM-No.

ACCESSORIES FOR AIR START
XS596360.00054



18301479



18301479

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
410	X52617300003	SCREW-FITTING UNION FOR COMPRESSED AIR		1	PC	384 G		
420	735184042001	BALL-TYPE UNION		1	PC	28 G	B2-42	MTN5184
430	000000004272	NUT		1	PC	128,500 G	40 M 52 X 1,5	N15001
440	X00037913/87	PRESS REDUCING VALVE		1	PC	3,075 KG		
450	X00037916	PRESSURE GAUGE		1	PC	228,100 G		
470	X52617300003	SCREW-FITTING UNION FOR COMPRESSED AIR		1	PC	384 G		
480	735184042001	BALL-TYPE UNION		1	PC	28 G	B2-42	MTN5184
490	000000004272	NUT		1	PC	128,500 G	40 M 52 X 1,5	N15001
510	X59617500003/87	SAFETY VALVE	S245B-1ZE13.0	1	PC			

GROUP NUMBER (FG)

GROUP NAME

BOM-No.

TERMINAL BOX

BK527500.304937-01

CONNECTOR KIT FOR CONTROL PANEL

BS00E502.00059



58762782

CONTROL UNIT F.ENGINE INTERFACE

XS00E500.02015

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S

SERIAL NUMBER: 527110243

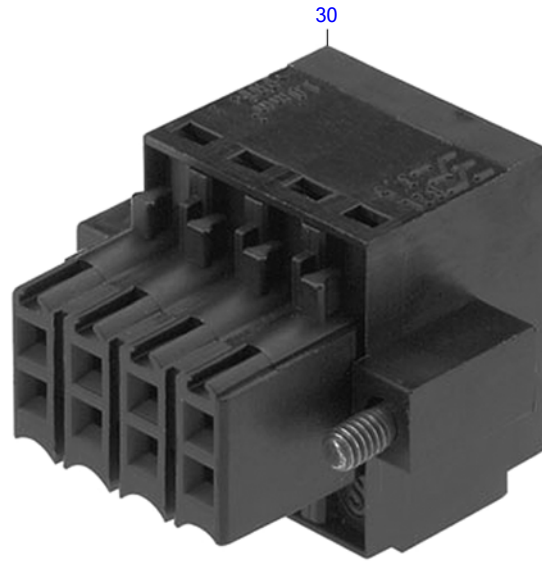
TERMINAL BOX

FG/FGS: 500

00

BOM-No.: BK527500.304937-01

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
150	206796008000	CONICL SPRING WASHER	4	PC	2,900 G	8	DIN6796
200	304017008081	HEX BOLT	4	PC	13,500 G	M 8 X 25	ISO4017
300	206796008000	CONICL SPRING WASHER	6	PC	2,900 G	8	DIN6796
350	304017008081	HEX BOLT	6	PC	13,500 G	M 8 X 25	ISO4017



50702782

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN
30	B00E50200318	CONNECTOR KIT FOR CONTROL PANEL	LOP10	1	PC	48,700 G	UB

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CONTROL UNIT F.ENGINE INTERFACE

SERIAL NUMBER: 527110243

FG/FGS: 500 98
BOM-No.: XS00E500.02015

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS
50	B00E50201528/S0002	MONITOR WITH SOFTWARE	EIM 2-02	1	PC

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
MONITOR WITH SOFTWARE

SERIAL NUMBER: 527110243

FG/FGS:

BOM-No.: B00E50201528/S0002

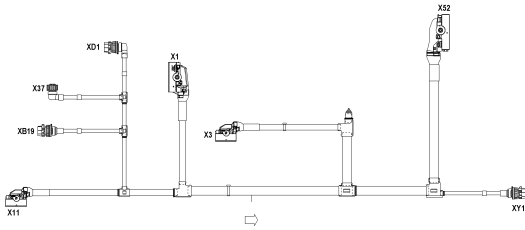
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
130		PLUG-IN BOARD UPPER PART	EIM 2-02	1	PC	1,350 KG	KE		
160	700429214000	O-RING		1	PC	10 G		214 X 3	MMN429
170	000000002668	SCREW		8	PC	10 G		M 4 X 12	DIN912
190	X00E50200338	DUST CAP FOR CONNECTOR	STAUBKAPPE MCP 62 POL.	2	PC			FUER AMP-BUCHSENGEHAEUSE-62POL	
200	X00E50204759	COVER PLATE	EIM 1-01	1	PC			UB 102X103X3 -X51-POWER	
210	X00E50204758	COVER PLATE	EIM 1-01	1	PC	164 G		UB 102X103X3 -X52-STARTER	
220	200125004301	WASHER		10	PC	0,320 G		A 4,3	DIN125
230	204762004010	SCREW		8	PC	1,700 G		M 4 X 10	ISO4762
240	X00E50205850	RETAINER PLATE FOR CABLE	EIM 1-01	1	PC			AB 70X53X3	
250	200125005300	WASHER		3	PC	0,430 G		A 5,3	DIN125
260	000912005039	SCREW		2	PC	3,440 G		M 5 X 12	DIN912
270	916016035201	CLAMP		1	PC	43 G		BRSGU 35/20	N16016
280	916016020202	CLAMP		1	PC	29 G		BRSGU 20/20	N16016
290	200125008400	WASHER		2	PC	1,500 G		A 8,4	DIN125
300	204762008007	SCREW		2	PC	11 G		M 8 X 16	ISO4762
320	000000003183	HEX NUT		2	PC	0,800 G		M 4	ISO4032
340	000000002215	HEX NUT		1	PC	1,200 G		M 5	ISO4032
350	200125006400	WASHER		7	PC	0,700 G		A 6,4	DIN125
360	000000002218	HEX NUT		5	PC	2,300 G		M 6	ISO4032
400	916016008200	CLAMP		2	PC	9,400 G		BRSGU 8/15	N16016
410	916016010201	CLAMP		1	PC	9,310 G		BRSGU 10/15	N16016
420	916016012200	CLAMP		1	PC	10,910 G		BRSGU 12/15	N16016
430	916016015202	CLAMP		1	PC	13,700 G		BRSGU 15/15	N16016
440	000000004737	CLAMP		1	PC	15,300 G		BRSGU S 20/15	N16016
450	000000003931	CLAMP		1	PC	13 G		BRSGU S 25/15	N16016
460	204762006004	SCREW		2	PC			M 6 X 12	ISO4762
470	0035314381	CABLE CLAMP		1	PC	0,500 G		L= 150MM, B= 3,6MM	
490	B00E50201528/77	MONITOR WITH SOFTWARE	EIM 2-02	1	PC				

GROUP NUMBER (FG)

GROUP NAME

BOM-No.

CABLING F.ENGINE INTERFACE
XS00E500.01228



50702417a

ENGINE CABLING FOR ON-ENGINE SENSO
XS00E500.01622

RETAINER F. WIRING HARNESS
XS595500.00059

RETAINER F.ADEC A. WIRE HARN
XS595500.00076

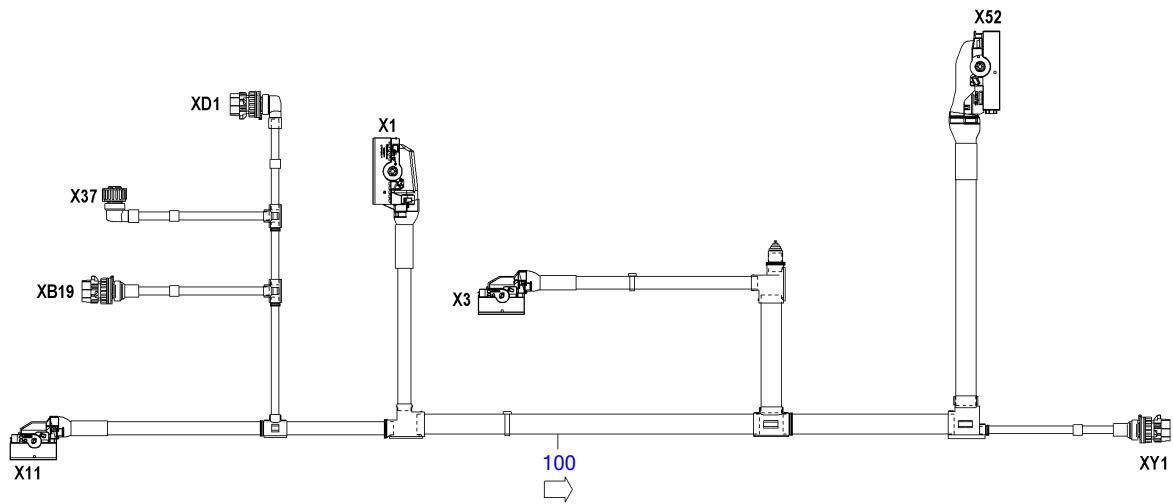
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CABLING F.ENGINE INTERFACE

SERIAL NUMBER: 527110243

FG/FGS: 507 98

BOM-No.: XS00E500.01228



50702417a

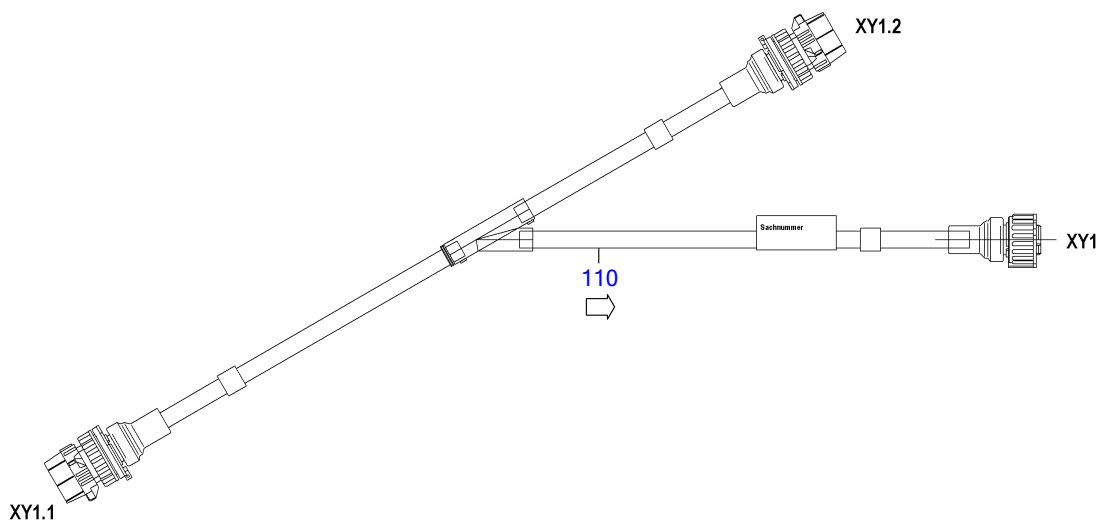
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CABLING F.ENGINE INTERFACE

SERIAL NUMBER: 527110243

FG/FGS: 507 98

BOM-No.: XS00E500.01228



50702769

EQUI TYPE: Engine

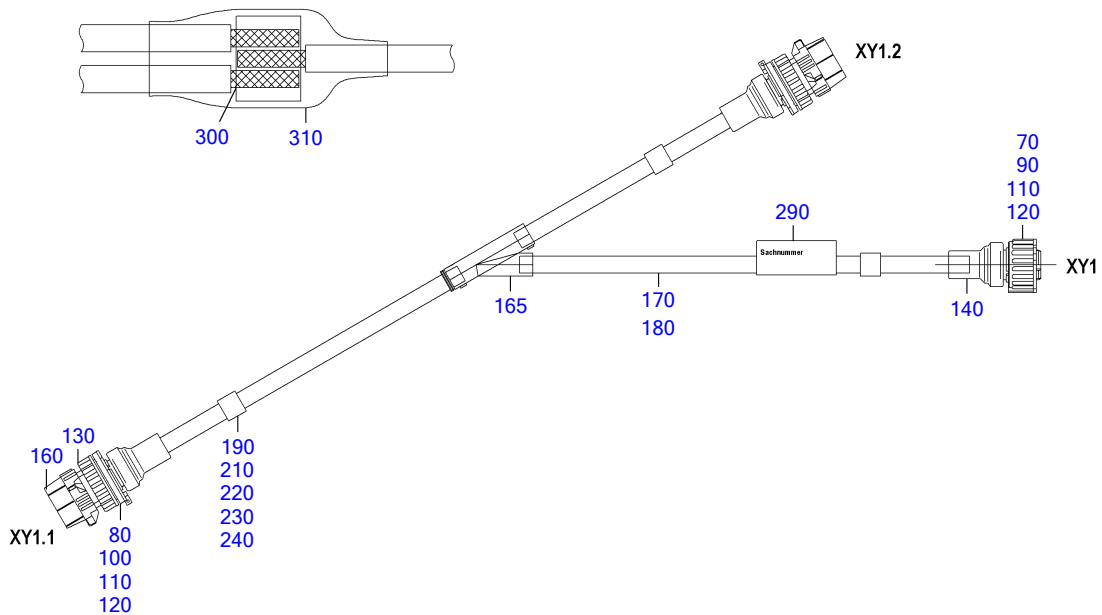
PRODUCT TYPE: 16V4000M23S
CABLING F.ENGINE INTERFACE

SERIAL NUMBER: 527110243

FG/FGS: 507 98

BOM-No.: XS00E500.01228

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT
100	X00E50700472	WIRING HARNESS F.ENGINE INTERFACE	S400M23-63	1	PC	1,965 KG	M. LIMA_ M. EMU
110	X00E50205182	CONNECTING CABLE FOR AIR START	16V4000M23-M63	1	PC	0,202 KG	PNEUM.ANLASSUNG



50702770

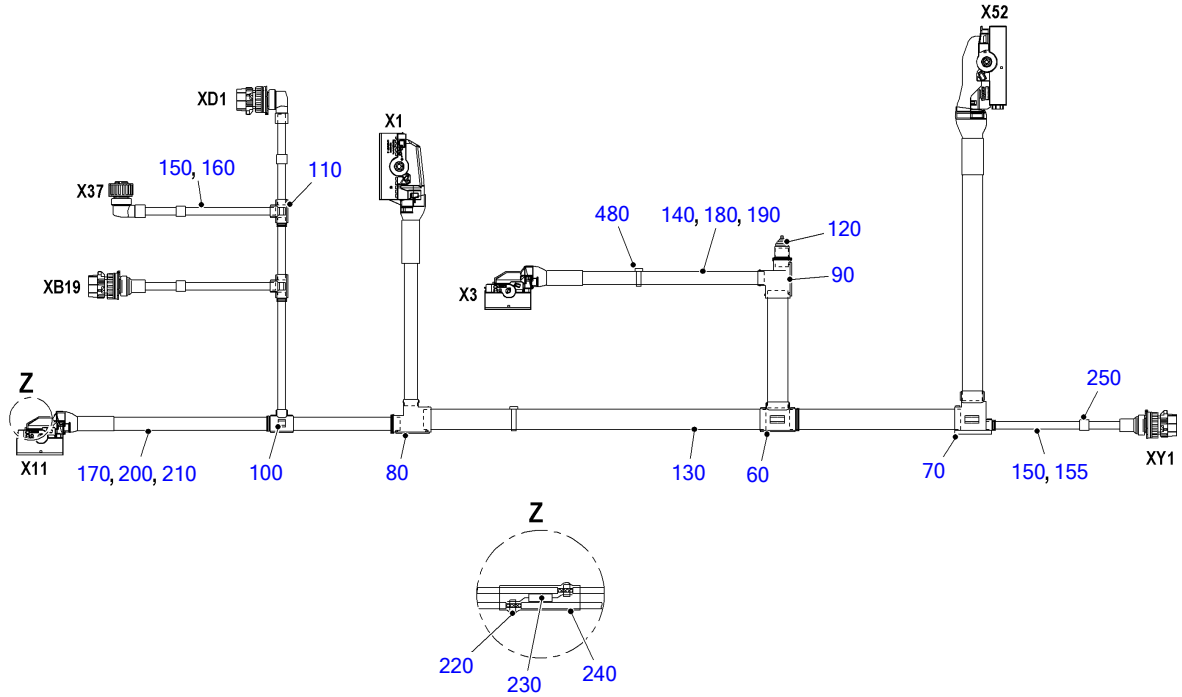
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
70	0165313283	MALE CONNECTOR	STECKER F. BU-KONTAKTE 2,5MM	1	PC	11,500 G		4POL. CODE 1 / DIN 72585	
80	0165313883	FEMALE CONNECTOR		2	PC	13,400 G		4POL. CODE 1 / DIN 72585	
90	0165313383	FEMALE CONTACT		2	PC	0,200 G		0,5-1,0 MM ² / D=2,5MM	
100	0165313983	PIN CONTACT	STIFTKONTAKT VERSILBERT	4	PC	0,700 G		0,5-1,0 MM ² / D=2,5MM	
110	0165313583	BLANKING PLUG	BLINDSTOPFEN	6	PC	0,100 G		SYSTEM 2,5MM / 2,8MM	
120	0165313483	SINGLE-CORE INSUL		6	PC	0,100 G		1,2-2,0 MM / D2,5MM	
130	0165314683	BAYONET COUPLING	BEFESTIGUNGSRING	2	PC	2,800 G		DIN 72585	
140	0165313783	CAP	STECKERKAPPE WELLROHRADAPTER	3	PC	4,470 G		180 GRAD / NW10 / DIN 72585	
160	0165314383	DUST CAP	BAJONETTGEOMETRIE DIN 72585	2	PC	10 G		STAUBSCHUTZKAPPE FUER STECKDOSE	
165	0005331143	PIPE JOINT		1	PC	6,190 G		Y-ABZWEIG 10-10-10	
170	0095319080	CABLE	RADDOX 155S RW VERDRILLT	3	M			1X2X1,0QMM / WS / NUMMERIERT	
180	0005337043	PIPE	359.	3	M			WELLROHR NW10	
190	700461105028	MARKER SLEEVE		2	PC			5/.	MMN461
210	700461105023	MARKER SLEEVE		3	PC			5/X	MMN461
220	700461105024	MARKER SLEEVE		3	PC			5/Y	MMN461
230	700461205001	MARKER SLEEVE		4	PC			5/1	MMN461
240	700461205002	MARKER SLEEVE		1	PC			5/2	MMN461
290		IDENTIFICATION PLATE ELAT		2	PC		KE	47X135MM, BEDRUCKBAR 47X25MM	
300	0035311185	BLADE CONNECTOR	CRIMPVERBINDER PARALLEL	2	PC	1 G		2,7-6,6 MM ² / BLANK / VERZINNT	
310	0005311575	SHRINKABLE HOSE	SSCHL. 50MM KL	2	PC	0,800 G		5,7/1,27MM, L=50MM, TRANSPARENT	

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
WIRING HARNESS F.ENGINE INTERFACE

SERIAL NUMBER: 527110243

FG/FGS:
BOM-No.: X00E50700472



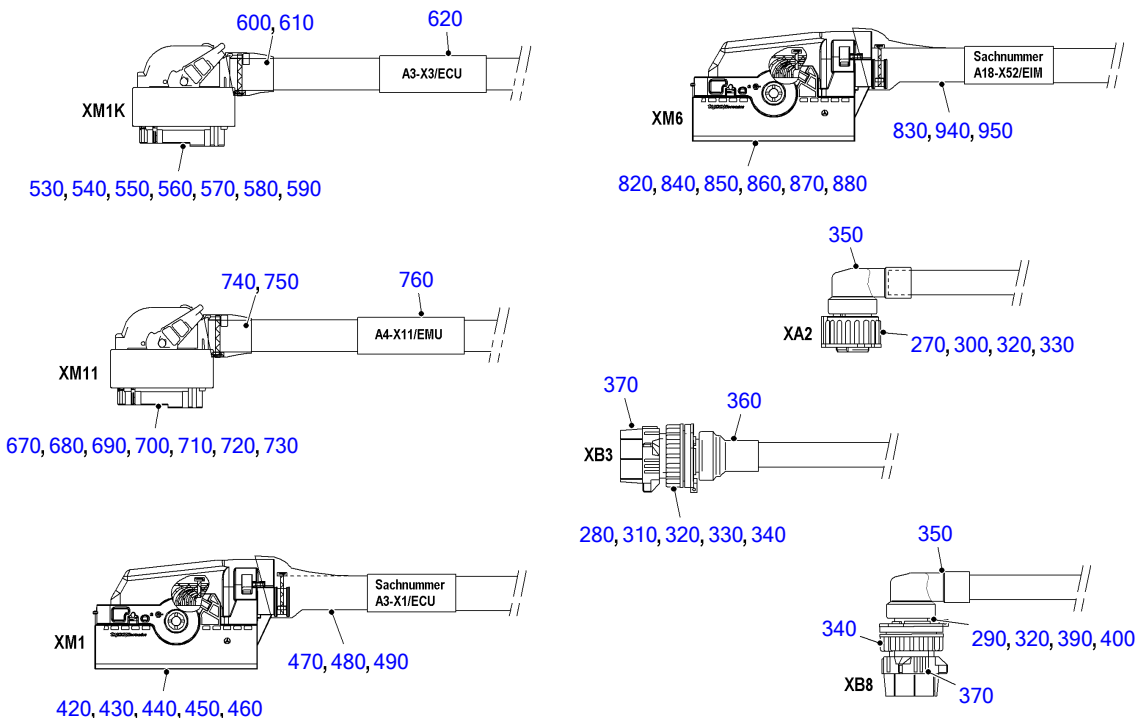
50702414a

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
WIRING HARNESS F.ENGINE INTERFACE

SERIAL NUMBER: 527110243

FG/FGS:
BOM-No.: X00E50700472



50702819

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
60	X00027377	DISTRIBUTOR		1	PC	16,300 G		T-ABZWEIG 26-26-26
70	X00E50205335	BRANCH FOR CABLE RUNNING	T-SNAP LOCK 26-26-10	1	PC			T-ABZWEIG 26-26-10 HALBSCHALE
80	X00E50202551	BRANCH F. WIRING HARNESS		1	PC	50 G		T-ABZWEIG 26-17-26 HALBSCHALE
90	X00005206	DISTRIBUTOR F. WIRING HARNESS		1	PC	10 G		T-ABZWEIG 26-17-17
100	0005331043	PIPE JOINT		1	PC	7,130 G		T-ABZWEIG 17-10-17
110	0005331443	PIPE		2	PC	4,930 G		T-ABZWEIG 10-10-10
120	0015336931	CAP	FUER WELLROHR	1	PC	1 G		DN17 AD=21,2MM
130	0005338643	PIPE	359.	2,100	M			WELLROHR NW26
140	0005337143	PIPE	359.	1,700	M			WELLROHR NW17
150	0005337043	PIPE	359.	1,250	M			WELLROHR NW10
155	0095319080	CABLE	RADDOX 155S RW VERDRILLT	0,700	M			1X2X1,0QMM / WS / NUMMERIERT
160	0095318880	CABLE	RADDOX 155S RW VERDRILLT	25,800	M	28 G		1X2X0,5QMM / WS / NUMMERIERT
170	0095318980	CABLE	RADDOX 155S RW VERDRILLT	33,100	M			1X3X0,5QMM / WS / NUMMERIERT
180	0095319480	CABLE	RADOX 155S FLR	4	M			1X2,5QMM / RD / FEINDRÄHTIG
190	0095319580	CABLE	RADOX 155S FLR	4	M			1X2,5QMM / SW / FEINDRÄHTIG
200	X00E50200860	SINGLE CONDUCTOR	RADOX 155S FLR	2,800	M			1X1,5QMM / RD / FEINDRÄHTIG
210	X00E50200861	SINGLE CONDUCTOR	RADOX 155S FLR	2,800	M			1X1,5QMM / BK / FEINDRÄHTIG
220	0015318285	BLADE CONNECTOR	CRIMPVERBINDER PARALLEL	4	PC	0,500 G		1,0-2,5 MM ² / BLANK / VERZINNT
230	0015318702	RESISTOR	MK2_121R	2	PC	0,100 G		TK50 1% 0,4W
240	0005311575	SHRINKABLE HOSE	SSCHL. 50MM KL	2	PC	0,800 G		5,7/1,27MM, L=50MM, TRANSPARENT
250	0035337689	IDENTIFICATION PLATE	KML	1	PC			23X13/55MM GELB, 40 STK/BLATT
270	0165313283	MALE CONNECTOR	STECKER F. BU-KONTAKTE 2,5MM	1	PC	11,500 G		4POL. CODE 1 / DIN 72585
280	0165313883	FEMALE CONNECTOR		2	PC	13,400 G		4POL. CODE 1 / DIN 72585
290	X00E50200311	FEMALE CONNECTOR	STECKDOSE F. ST-KONTAKTE 1,5MM	1	PC	14 G		7POL. CODE 1 / DIN 72585
300	0165313383	FEMALE CONTACT		4	PC	0,200 G		0,5-1,0 MM ² / D=2,5MM
310	0165313983	PIN CONTACT	STIFTKONTAKT VERSILBERT	6	PC	0,700 G		0,5-1,0 MM ² / D=2,5MM
320	0165313583	BLANKING PLUG	BLINDSTOPFEN	7	PC	0,100 G		SYSTEM 2,5MM / 2,8MM
330	0165313483	SINGLE-CORE INSUL		10	PC	0,100 G		1,2-2,0 MM / D2,5MM
340	0165314683	BAYONET COUPLING	BEFESTIGUNGSRING	3	PC	2,800 G		DIN 72585
350	0165313683	CAP	STECKERKAPPE WELLROHRADAPTER	2	PC	5,760 G		90 GRAD / NW10 / DIN 72585
360	0165313783	CAP	STECKERKAPPE WELLROHRADAPTER	2	PC	4,470 G		180 GRAD / NW10 / DIN 72585
370	0165314383	DUST CAP	BAJONETTGEOMETRIE DIN 72585	3	PC	10 G		STAUBSCHUTZKAPPE FUER STECKDOSE
390	X00E50200309	PIN CONTACT	STIFTKONTAKT VERSILBERT	3	PC	2 G		0,5-1,0 MM ² / D=1,5MM
400	0185313083	SINGLE-CORE INSUL	EINZELADERABDICHTUNG	3	PC	1 G		1,2-2,1 MM / MCP2,8
420	0025318385	BLADE CONNECTOR	BUCHSENGEHÄUSE MCP1,5	1	PC	63,200 G		46POL / NW22 / CODE-A / 90GRD
430	0025319385	BLADE CONNECTOR	BUCHSENKONTAKT VERSILBERT	28	PC	0,400 G		0,5-1,0 MM ² / MCP1,5
440	0025319585	BLADE CONNECTOR	EINZELADERABDICHTUNG	28	PC	0,050 G		1,4-1,9 MM / MCP1,5
450	0185317083	BLANKING PLUG FOR CONNECTOR	BLINDSTOPFEN	18	PC	0,050 G		MCP1,5
460	0025319085	BLADE CONNECTOR	KAPPE FÜR MCP BUCHSENGEHÄUSE	1	PC	10,800 G		46POL / NW22
470	0011596139	SHRINKABLE HOSE		0,120	M			52/13/MIT KLEBER
480	0035314381	CABLE CLAMP		2	PC	0,500 G		L= 150MM, B= 3,6MM
490		IDENTIFICATION PLATE	ELAT	2	PC		KE	47X135MM, BEDRUCKBAR 47X25MM
530	0025318785	BLADE CONNECTOR	BUCHSENGEHÄUSE MCP2,8	1	PC	47 G		21POL / NW17 / CODE-A / 90GRD
540	0025319285	BLADE CONNECTOR	BUCHSENKONTAKT VERSILBERT	6	PC	0,600 G		1,5-2,5 MM ² , MCP2,8
550	0025319485	SINGLE-CORE INSUL	EINZELADERABDICHTUNG	6	PC	0,300 G		2,2-3,0 MM / MCP2,8

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
560	0025319785	BLADE CONNECTOR	BUCHSENKONTAKT VERSILBERT	2	PC	1,200 G		0,5-1,0 MM ² / MCP2,8
570	0185313083	SINGLE-CORE INSUL	EINZELADERABDICHTUNG	2	PC	1 G		1,2-2,1 MM / MCP2,8
580	0165313583	BLANKING PLUG	BLINDSTOPFEN	13	PC	0,100 G		SYSTEM 2,5MM / 2,8MM
590	0025318985	BLADE CONNECTOR	KAPPE FÜR MCP BUCHSENGEHÄUSE	1	PC	5 G		21POL / NW17
600	0011596139	SHRINKABLE HOSE		0,120	M			52/13/MIT KLEBER
610	0035314381	CABLE CLAMP		2	PC	0,500 G		L= 150MM, B= 3,6MM
620		IDENTIFICATION PLATE	ELAT	2	PC		KE	47X135MM, BEDRUCKBAR 47X25MM
670	X00018613	MULTIPOINT CONNECTOR	BUCHSENGEHÄUSE MCP2,8	1	PC	30 G		21POL / NW17 / CODE-B / 90GRD
680	0025319285	BLADE CONNECTOR	BUCHSENKONTAKT VERSILBERT	2	PC	0,600 G		1,5-2,5 MM ² , MCP2,8
690	0025319485	SINGLE-CORE INSUL	EINZELADERABDICHTUNG	2	PC	0,300 G		2,2-3,0 MM / MCP2,8
700	0025319785	BLADE CONNECTOR	BUCHSENKONTAKT VERSILBERT	7	PC	1,200 G		0,5-1,0 MM ² / MCP2,8
710	0185313083	SINGLE-CORE INSUL	EINZELADERABDICHTUNG	7	PC	1 G		1,2-2,1 MM / MCP2,8
720	0165313583	BLANKING PLUG	BLINDSTOPFEN	12	PC	0,100 G		SYSTEM 2,5MM / 2,8MM
730	0025318985	BLADE CONNECTOR	KAPPE FÜR MCP BUCHSENGEHÄUSE	1	PC	5 G		21POL / NW17
740	0011596139	SHRINKABLE HOSE		0,120	M			52/13/MIT KLEBER
750	0035314381	CABLE CLAMP		2	PC	0,500 G		L= 150MM, B= 3,6MM
760		IDENTIFICATION PLATE	ELAT	2	PC		KE	47X135MM, BEDRUCKBAR 47X25MM
820	X00E50200336	SEPARABLE CONNECTOR	BUCHSENGEHÄUSE MCP2, 8+MCP 1,5	1	PC	87,400 G		62(6+56)POL/NW26/ CODE-A/ 90GRD
830	0011596139	SHRINKABLE HOSE		0,120	M			52/13/MIT KLEBER
	0025319285	BLADE CONNECTOR	BUCHSENKONTAKT VERSILBERT	6	PC	0,600 G		1,5-2,5 MM ² , MCP2,8
840	0025319485	SINGLE-CORE INSUL	EINZELADERABDICHTUNG	6	PC	0,300 G		2,2-3,0 MM / MCP2,8
850	0025319785	BLADE CONNECTOR	BUCHSENKONTAKT VERSILBERT	40	PC	1,200 G		0,5-1,0 MM ² / MCP2,8
860	0185313083	SINGLE-CORE INSUL	EINZELADERABDICHTUNG	40	PC	1 G		1,2-2,1 MM / MCP2,8
870	0165313583	BLANKING PLUG	BLINDSTOPFEN	16	PC	0,100 G		SYSTEM 2,5MM / 2,8MM
880	X00E50200337	SEPARABLE CONNECTOR	KAPPE FÜR MCP BUCHSENGEHÄUSE	1	PC	13 G		62POL / NW26
940	0035314381	CABLE CLAMP		2	PC	0,500 G		L= 150MM, B= 3,6MM
950		IDENTIFICATION PLATE	ELAT	2	PC		KE	47X135MM, BEDRUCKBAR 47X25MM

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
90	X00E50700436	WIRING HARNESS TO INJECTOR	16V4000M23-M63	1	PC	2,495 KG		ECU7 X4	
120	X00E50700629	WIRING HARNESS FOR ON-ENGINE SENSO	16V4000M23-M63	1	PC	4,340 KG		ECU7 X2	
140	X00E50700442	WIRING HARNESS FOR ON-ENGINE SENSO	16V4000M23-M63	1	PC			EMU7 X12 O.EA	
200	0035352531	PRESSURE SENSOR		1	PC		AB EM	M14X1,5,SW= 27, 0-10BAR_RELATIV	
220	0035352531	PRESSURE SENSOR		1	PC		AB EM	M14X1,5,SW= 27, 0-10BAR_RELATIV	
230	5069971416	BUSHING THREADED	8/12V183TE02/93	1	PC	27,377 G			
240	007603018104	WASHER A COP		1	PC	2 G		A 18 X 24	DIN7603
260	X00E50208388	PRESSURE SENSOR	0 - 10 BAR REL, EPN	1	PC	110 G	AB	M14X1,5, SW=27	
280	X00018659	PRESSURE SENSOR		1	PC	92,100 G	EM	M18X1,5, SW=27, 0,5-6 BAR_ABSOL	
295	X00E50207201	PRESSURE SENSOR	15 BAR REL.	1	PC	121,400 G	AB	ISO M14X1,5; SW=27 L=56 TYP:EPN	
310	X00E50207201	PRESSURE SENSOR	15 BAR REL.	1	PC	121,400 G	AB	ISO M14X1,5; SW=27 L=56 TYP:EPN	
360	0185314583	DUST CAP	BAJONETTGEOMETRIE DIN 72585	1	PC	5 G	AB	SCHUTZKAPPE FÜR STECKERGEHÄUSE	DIN72585
370	0025317381	QUICK-CATCH CLAMP	T50S_151X4,8MM	1	PC	1,500 G		L	
390	X00E50207217	PRESSURE SENSOR	2000 BAR REL.	1	PC	115 G	AB EM	KEGEL,M18X1,5, SW=27,L=56, EPN	
410	0035352231	PRESSURE SENSOR		1	PC	134,500 G		M14X1,5,SW=38, +/- 70MBAR_RELAT.	
425	X00E50201372	TEMPERATURE SENSOR	PT100 ABGAS	1	PC	230 G	EM	M14X1,5,110MM, KABEL=1M,STECKER,	
440	X00E50201372	TEMPERATURE SENSOR	PT100 ABGAS	1	PC	230 G	EM	M14X1,5,110MM, KABEL=1M,STECKER,	
455	X00010488	TEMPERATURE SENSOR	PT1000	1	PC	0,550 G	AB EM	DIN72585 2-POL. CODE 1	
465	0005356430	TEMPERATURE SENSOR	PT1000	1	PC	50 G	AB EM	M14X1,5, L=29, STECKER DIN72585,	
475	0005356430	TEMPERATURE SENSOR	PT1000	1	PC	50 G	AB EM	M14X1,5, L=29, STECKER DIN72585,	
485	0005356430	TEMPERATURE SENSOR	PT1000	1	PC	50 G	AB EM	M14X1,5, L=29, STECKER DIN72585,	
500	0005356430	TEMPERATURE SENSOR	PT1000	1	PC	50 G	AB EM	M14X1,5, L=29, STECKER DIN72585,	
520	X00E50201370	TEMPERATURE SENSOR	PT100 ABGAS	1	PC	196 G	AB EM	M14X1,5, 58MM, KABEL=1M,STECKER,	
540	0005358133	SPEED SENSOR	BR4000;NW;	1	PC	0,595 G	AB EM	D=19X60,KABELL.=750MM,	
550	304017008077	BOLT HEX A3C S2000/4000		1	PC	10 G		M 8 X 16	ISO4017
560	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125
580	0005357633	SPEED SENSOR	BR4000;KW;	1	PC		EM	D=19X60,KABELL.=700MM,	
590	304017008077	BOLT HEX A3C S2000/4000		1	PC	10 G		M 8 X 16	ISO4017
600	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125
615	5205304069	SPEED TRANSMITTER	VDO-PICK-UP	1	PC	98 G	AB	MIT DIN-STECKER CODE 1	
630	5205304069	SPEED TRANSMITTER	VDO-PICK-UP	1	PC	98 G	AB	MIT DIN-STECKER CODE 1	
680	X00E50203667	LEVEL MONITOR	BEDIA CLS-50, OELSONDE	1	PC	110 G	AB	OELSONDE, DYN.UB-VERHALTEN	
690	007603018101	COPPER SEALING RING		1	PC	1,300 G		A 18 X 22	DIN7603
705	635H22706/2	SWITCH		1	PC	148,900 G			
707	304014004001	BOLT HEX A3C		2	PC	3,500 G		M 4 X 35	ISO4014
708	007349004000	WASHER		2	PC	1,100 G		4,3	DIN7349
720	635H22706/2	SWITCH		1	PC	148,900 G			
722	304014004001	BOLT HEX A3C		2	PC	3,500 G		M 4 X 35	ISO4014
724	007349004000	WASHER		2	PC	1,100 G		4,3	DIN7349
780	0165313883	FEMALE CONNECTOR		1	PC	13,400 G		4POL. CODE 1 / DIN 72585	
790	0165314683	BAYONET COUPLING	BEFESTIGUNGSRING	1	PC	2,800 G		DIN 72585	
810	0165313583	BLANKING PLUG	BLINDSTOPFEN	4	PC	0,100 G		SYSTEM 2,5MM / 2,8MM	

EQUI TYPE: Engine

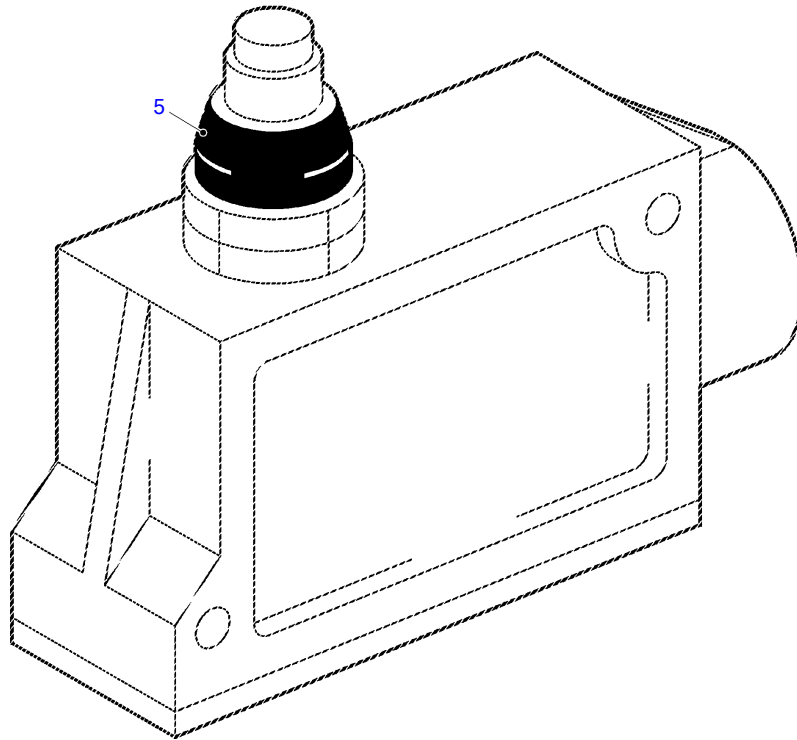
PRODUCT TYPE: 16V4000M23S
ENGINE CABLING FOR ON-ENGINE SENSO

SERIAL NUMBER: 527110243

FG/FGS: 507 98

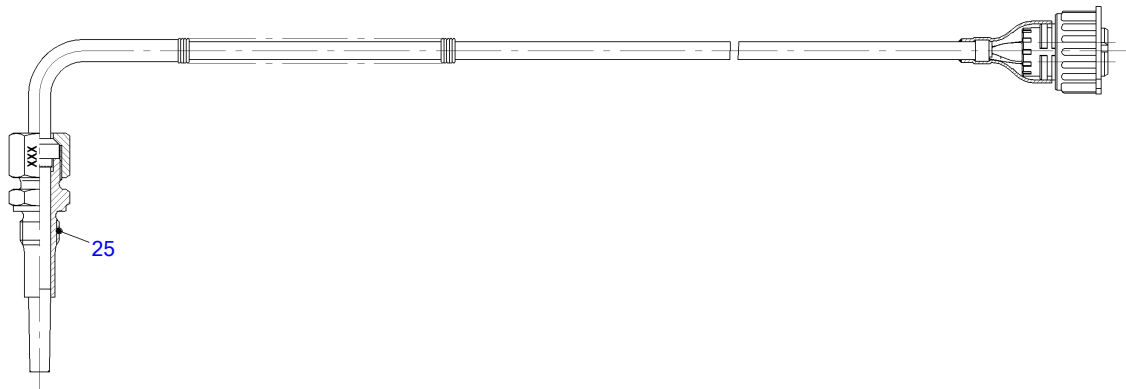
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POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
840	0035352531	PRESSURE SENSOR		1	PC		AB EM	M14X1,5,SW= 27, 0-10BAR_RELATIV	
880	0165313883	FEMALE CONNECTOR		1	PC	13,400 G		4POL. CODE 1 / DIN 72585	
890	0165314683	BAYONET COUPLING	BEFESTIGUNGSRING	1	PC	2,800 G		DIN 72585	
910	0165313583	BLANKING PLUG	BLINDSTOPFEN	4	PC	0,100 G		SYSTEM 2,5MM / 2,8MM	
930	0005356430	TEMPERATURE SENSOR	PT1000	1	PC	50 G	AB EM	M14X1,5, L=29, STECKER DIN72585,	
950	0005357633	SPEED SENSOR	BR4000;KW;	1	PC		EM	D=19X60,KABELL.=700MM,	
960	304017008077	BOLT HEX A3C S2000/4000		1	PC	10 G		M 8 X 16	ISO4017
970	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125



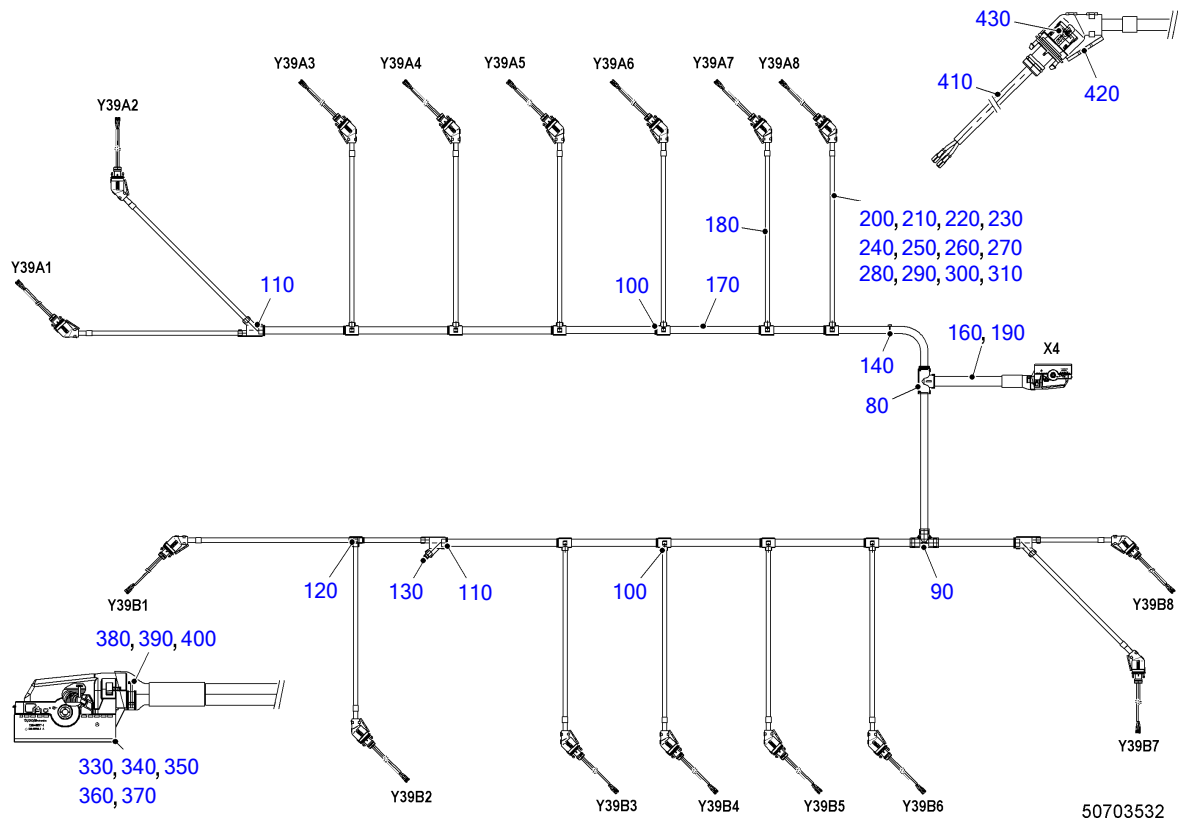
50702215a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
5	8599970017	GROMMET	1	PC	0,510 G



50701427a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
25	8499970115	UNION	1	PC	63 G	MN	M14X1.5 83MM HUELSENLAENGE



POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
80	X00005706	DISTRIBUTOR FOR CABLING		1	PC			T-ABZWEIG 17-22-17	
90	X00E50209720	PIPE	PA 6, IP66	1	PC	20 G		T-ABZWEIG 17-17-17	
100	0005331043	PIPE JOINT		10	PC	7,130 G		T-ABZWEIG 17-10-17	
110	0005337443	PIPE	492.	3	PC	8,100 G		Y-ABZWEIG 17-10-10	
120	0005331443	PIPE		1	PC	4,930 G		T-ABZWEIG 10-10-10	
130	0015336331	CAP	BR2000/4000	1	PC	2,830 G		FUER WELLROHR DN10 AD=13MM	
140	0035314381	CABLE CLAMP		1	PC	0,500 G		L= 150MM, B= 3,6MM	
160	0005338543	PIPE	359.	0,340	M			NW22, AD=25,3MM SW GROBPROFIL	
170	0005337143	PIPE	359.	6,700	M			WELLROHR NW17	
180	0005337043	PIPE	359.	6,300	M			WELLROHR NW10	
190	0095319080	CABLE	RADDOX 155S RW VERDRILLT	56	M			1X2X1,0QMM / WS / NUMMERIERT	
200	700461105000	ID GROMMET		8	PC			5/A	MMN461
210	700461105001	MARKER SLEEVE		8	PC			5/B	MMN461
220	700461105024	MARKER SLEEVE		16	PC			5/Y	MMN461
230	700461205001	MARKER SLEEVE		2	PC			5/1	MMN461
240	700461205002	MARKER SLEEVE		2	PC			5/2	MMN461
250	700461205003	MARKER SLEEVE		18	PC			5/3	MMN461
260	700461205004	MARKER SLEEVE		2	PC			5/4	MMN461
270	700461205005	IDENTIFICATION MARKER		2	PC			5/5	MMN461
280	700461205006	IDENTIFICATION MARKER		2	PC			5/6	MMN461
290	700461205007	MARKER SLEEVE		2	PC			5/7	MMN461
300	700461205008	IDENTIFICATION MARKER		2	PC			5/8	MMN461
310	700461205009	IDENTIFICATION MARKER		16	PC	1 KG		5/9	MMN461

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
WIRING HARNESS TO INJECTOR

SERIAL NUMBER: 527110243

FG/FGS:

BOM-No.: X00E50700436

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
330	0025318485	BLADE CONNECTOR	BUCHSENGEHÄUSE MCP1,5	1	PC	62,800 G		46POL / NW22 / CODE-B / 90GRD	
340	0025319385	BLADE CONNECTOR	BUCHSENKONTAKT VERSILBERT	32	PC	0,400 G		0,5-1,0 MM ² / MCP1,5	
350	0025319585	BLADE CONNECTOR	EINZELADERABDICHTUNG	32	PC	0,050 G		1,4-1,9 MM / MCP1,5	
360	0185317083	BLANKING PLUG FOR CONNECTOR	BLINDSTOPFEN	14	PC	0,050 G		MCP1,5	
370	0025319085	BLADE CONNECTOR	KAPPE FÜR MCP BUCHSENGEHÄUSE	1	PC	10,800 G		46POL / NW22	
380	0011596139	SHRINKABLE HOSE		0,120	M			52/13/MIT KLEBER	
390	0035314381	CABLE CLAMP		2	PC	0,500 G		L= 150MM, B= 3,6MM	
400		IDENTIFICATION PLATE	ELAT	2	PC			47X135MM, KE BEDRUCKBAR 47X25MM	
410	X00013978	TERMINAL FOR CYLINDER HEAD	BR4000	16	PC	25 G		L=90MM, 250V/1500V/24A 2-POL.	
420	0065319181	TERMINAL		16	PC	4,700 G		HAUBE 45GRAD, FUER WELLROHR N	
430	X00006101	END SLEEVE		32	PC	0,200 G		0,5-1MM M. ISOLATIONSUNTERST.	DIN46228

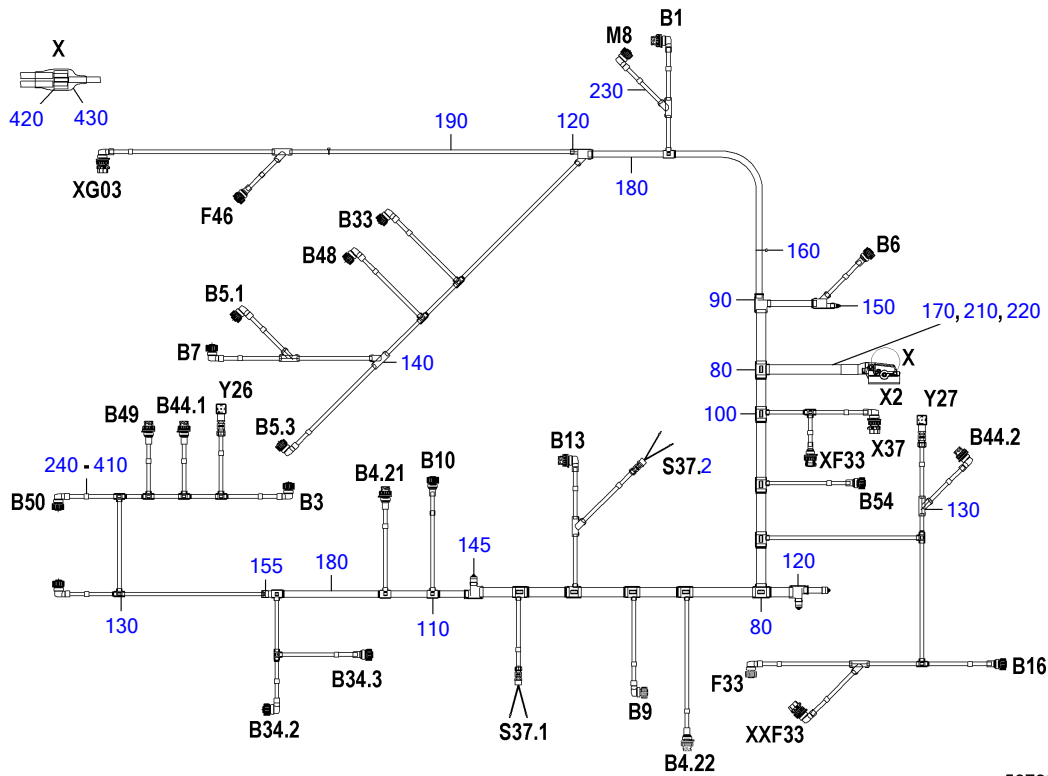
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
80	X00027377	DISTRIBUTOR		1	PC	16,300 G		T-ABZWEIG 26-26-26	
90	X00E50204716	DISTRIBUTOR F. WIRING HARNESS		1	PC		UB	T-ABZWEIG 26-17-10	
100	X00005206	DISTRIBUTOR F. WIRING HARNESS		1	PC	10 G		T-ABZWEIG 26-17-17	
110	X00E50200993	DISTRIBUTOR F. WIRING HARNESS		2	PC	9,700 G	AB	T-ABZWEIG 26-10-26	
120	0005331043	PIPE JOINT		1	PC	7,130 G		T-ABZWEIG 17-10-17	
130	0015336931	CAP	FUER WELLROHR	3	PC	1 G		DN17 AD=21,2MM	
200	0005338643	PIPE	359.	3,600	M			WELLROHR NW26	
210	0005337143	PIPE	359.	1,900	M			WELLROHR NW17	
220	0005337043	PIPE	359.	3,200	M			WELLROHR NW10	
230	0095318880	CABLE	RADDOX 155S RW VERDRILLT	6,500	M	28 G		1X2X0,5QMM / WS / NUMMERIERT	
240	0095318980	CABLE	RADDOX 155S RW VERDRILLT	3,800	M			1X3X0,5QMM / WS / NUMMERIERT	
270	700461105001	MARKER SLEEVE		4	PC			5/B	MMN461
280	700461105028	MARKER SLEEVE		3	PC			5/.	MMN461
290	700461205001	MARKER SLEEVE		2	PC			5/1	MMN461
300	700461205002	MARKER SLEEVE		4	PC			5/2	MMN461
310	700461205003	MARKER SLEEVE		1	PC			5/3	MMN461
330	700461205005	IDENTIFICATION MARKER		3	PC			5/5	MMN461
340	700461205006	IDENTIFICATION MARKER		3	PC			5/6	MMN461
400	0165313283	MALE CONNECTOR	STECKER F. BU-KONTAKTE 2,5MM	3	PC	11,500 G		4POL. CODE 1 / DIN 72585	
410	0165313883	FEMALE CONNECTOR		1	PC	13,400 G		4POL. CODE 1 / DIN 72585	
430	0165313383	FEMALE CONTACT		10	PC	0,200 G		0,5-1,0 MM ² / D=2,5MM	
440	0165313983	PIN CONTACT	STIFTKONTAKT VERSILBERT	2	PC	0,700 G		0,5-1,0 MM ² / D=2,5MM	
450	0165313583	BLANKING PLUG	BLINDSTOPFEN	2	PC	0,100 G		SYSTEM 2,5MM / 2,8MM	
460	0165313483	SINGLE-CORE INSUL		12	PC	0,100 G		1,2-2,0 MM / D2,5MM	
470	0165314683	BAYONET COUPLING	BEFESTIGUNGSRING	1	PC	2,800 G		DIN 72585	
480	0165313683	CAP	STECKERKAPPE WELLROHRADAPTER	3	PC	5,760 G		90 GRAD / NW10 / DIN 72585	
490	0165313783	CAP	STECKERKAPPE WELLROHRADAPTER	1	PC	4,470 G		180 GRAD / NW10 / DIN 72585	
500	0025319385	BLADE CONNECTOR	BUCHSENKONTAKT VERSILBERT	10	PC	0,400 G		0,5-1,0 MM ² / MCP1,5	
510	0025319585	BLADE CONNECTOR	EINZELADERABDICHTUNG	10	PC	0,050 G		1,4-1,9 MM / MCP1,5	
520	0185317083	BLANKING PLUG FOR CONNECTOR	BLINDSTOPFEN	82	PC	0,050 G		MCP1,5	
530	0025319185	BLADE CONNECTOR	KAPPE FUER MCP BUCHSENGEHAEUSE	1	PC	14,100 G		92POL / NW26	
540	0011596139	SHRINKABLE HOSE		0,120	M			52/13/MIT KLEBER	
550	0035314381	CABLE CLAMP		4	PC	0,500 G		L= 150MM, B= 3,6MM	
560		IDENTIFICATION PLATE	ELAT	2	PC			47X135MM, BEDRUCKBAR 47X25MM	
570	X00012742	BLADE CONNECTOR	BUCHSENGEHAEUSE MCP1,5	1	PC	111 G		92POL / NW26 / CODE-B / 90GRD	

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
WIRING HARNESS FOR ON-ENGINE SENSO

SERIAL NUMBER: 527110243

FG/FGS:
BOM-No.: X00E50700629



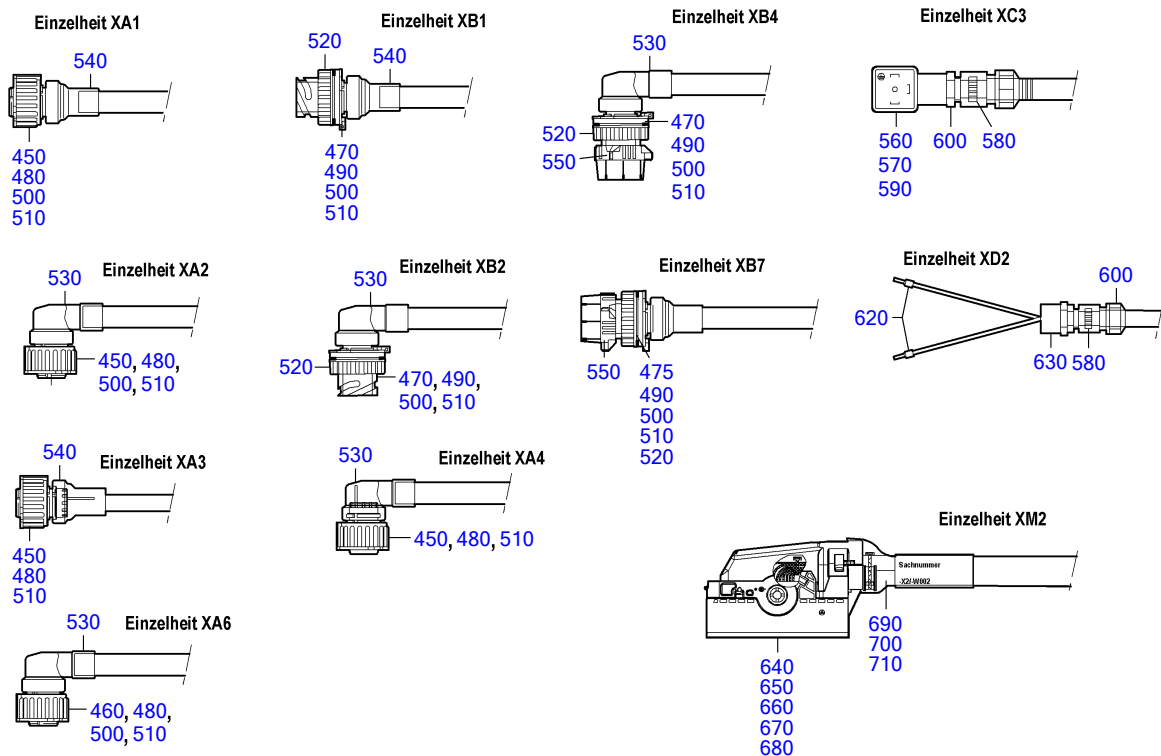
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EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
WIRING HARNESS FOR ON-ENGINE SENSO

SERIAL NUMBER: 527110243

FG/FGS:
BOM-No.: X00E50700629



50702775

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
80	X00027377	DISTRIBUTOR		2	PC	16,300 G		T-ABZWEIG 26-26-26	
90	X00005206	DISTRIBUTOR F. WIRING HARNESS		3	PC	10 G		T-ABZWEIG 26-17-17	
100	X00E50200993	DISTRIBUTOR F. WIRING HARNESS		7	PC	9,700 G	AB	T-ABZWEIG 26-10-26	
110	0005331043	PIPE JOINT		4	PC	7,130 G		T-ABZWEIG 17-10-17	
120	0005337443	PIPE	492.	2	PC	8,100 G		Y-ABZWEIG 17-10-10	
130	0005331443	PIPE		10	PC	4,930 G		T-ABZWEIG 10-10-10	
140	0005331143	PIPE JOINT		7	PC	6,190 G		Y-ABZWEIG 10-10-10	
145	0015336931	CAP	FUER WELLROHR	3	PC	1 G		DN17 AD=21,2MM	
150	0015336331	CAP	BR2000/4000	1	PC	2,830 G		FUER WELLROHR DN10 AD=13MM	
155	0005336143	PIPE CABLING AND PIPEWOR	DN17-10	1	PC	8,540 G	AB	REDUZIERSTUECK 17-10	
160	0035314381	CABLE CLAMP		2	PC	0,500 G		L= 150MM, B= 3,6MM	
170	X00E50206794	CORRUGATED PIPE FOR CABLE RUNNING	UFW PA6 V0	5,200	M	5,500 KG	AB	NW26; 31,5/24,9MM; GROBWELLE	
180	X00E50206790	CORRUGATED PIPE FOR CABLE RUNNING	UFW PA6 V0	2,800	M		AB	NW17; 21,2/16,0MM; GROBWELLE	
190	X00E50206788	CORRUGATED PIPE FOR CABLE RUNNING	UFW PA6 V0	15	M		AB	NW10; 13,1/9,3MM; GROBWELLE	
210	0095318880	CABLE	RADDOX 155S RW VERDRILLT	78	M	28 G		1X2X0,5QMM / WS / NUMMERIERT	
220	0095318980	CABLE	RADDOX 155S RW VERDRILLT	47,500	M			1X3X0,5QMM / WS / NUMMERIERT	
230	0095319080	CABLE	RADDOX 155S RW VERDRILLT	1,800	M			1X2X1,0QMM / WS / NUMMERIERT	
240	700461105001	MARKER SLEEVE		22	PC			5/B	MMN461
250	700461105005	MARKER SLEEVE		4	PC			5/F	MMN461
260	700461105006	MARKER SLEEVE		1	PC			5/G	MMN461
270	700461105012	MARKER SLEEVE		1	PC			5/M	MMN461
280	700461105018	MARKER SLEEVE		2	PC			5/S	MMN461
290	700461105023	MARKER SLEEVE		5	PC			5/X	MMN461
300	700461105024	MARKER SLEEVE		2	PC			5/Y	MMN461
310	700461105028	MARKER SLEEVE		10	PC			5/.	MMN461
320	700461205000	MARKER SLEEVE		3	PC	1 KG		5/0	MMN461
330	700461205001	MARKER SLEEVE		9	PC			5/1	MMN461
340	700461205002	MARKER SLEEVE		8	PC			5/2	MMN461
350	700461205003	MARKER SLEEVE		19	PC			5/3	MMN461
360	700461205004	MARKER SLEEVE		13	PC			5/4	MMN461
370	700461205005	IDENTIFICATION MARKER		4	PC			5/5	MMN461
380	700461205006	IDENTIFICATION MARKER		4	PC			5/6	MMN461
390	700461205007	MARKER SLEEVE		5	PC			5/7	MMN461
400	700461205008	IDENTIFICATION MARKER		2	PC			5/8	MMN461
410	700461205009	IDENTIFICATION MARKER		2	PC	1 KG		5/9	MMN461
420	0015318285	BLADE CONNECTOR	CRIMPVERBINDER PARALLEL	2	PC	0,500 G		1,0-2,5 MM ² / BLANK / VERZINNT	
430	0005311575	SHRINKABLE HOSE	SSCHL. 50MM KL	2	PC	0,800 G		5,7/1,27MM, L=50MM, TRANSPARENT	
450	0165313283	MALE CONNECTOR	STECKER F. BU-KONTAKTE 2,5MM	17	PC	11,500 G		4POL. CODE 1 / DIN 72585	
460	0165314083	MALE CONNECTOR	STECKER F. BU-KONTAKTE 2,5MM	1	PC	12 G		4POL. CODE 2 / DIN 72585	
470	0165313883	FEMALE CONNECTOR		10	PC	13,400 G		4POL. CODE 1 / DIN 72585	
475	0165314183	FEMALE CONNECTOR	STECKDOSE ST-KONTAKTE 2,5MM	1	PC	12,900 G		4POL. CODE 2 / DIN 72585	
480	0165313383	FEMALE CONTACT		59	PC	0,200 G		0,5-1,0 MM ² / D=2,5MM	
490	0165313983	PIN CONTACT	STIFTKONTAKT VERSILBERT	26	PC	0,700 G		0,5-1,0 MM ² / D=2,5MM	
500	0165313583	BLANKING PLUG	BLINDSTOPFEN	31	PC	0,100 G		SYSTEM 2,5MM / 2,8MM	
510	0165313483	SINGLE-CORE INSUL		85	PC	0,100 G		1,2-2,0 MM / D2,5MM	
520	0165314683	BAYONET COUPLING	BEFESTIGUNGSRING	11	PC	2,800 G		DIN 72585	
530	0165313683	CAP	STECKERKAPPE WELLROHRADAPTER	18	PC	5,760 G		90 GRAD / NW10 / DIN 72585	

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
WIRING HARNESS FOR ON-ENGINE SENSO

SERIAL NUMBER: 527110243

FG/FGS:

BOM-No.: X00E50700629

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
540	0165313783	CAP	STECKERKAPPE WELLROHRADAPTER	11	PC	4,470 G		180 GRAD / NW10 / DIN 72585	
550	0165314383	DUST CAP	BAJONETTGEOMETRIE DIN 72585	4	PC	10 G		STAUBSCHUTZKAPPE FUER STECKDOSE	
560	0165312883	HOUSING FOR CONNECTOR	4 POL.	2	PC	26 G	AB	WÜRFELSTECKER 4-POL./PG9,	DIN43650-A
570	0015315385	BLADE CONNECTOR	0,5-1,0 MM	4	PC	0,840 G	AB	KONTAKT0,5-1,0MM2,/2,1-2,7	
580	0005331460	SEALING RING	HSK-ME	4	PC	1 G		DICHTUNG 2X1,7MM	
590	0165312983	GASKET FOR CONNECTOR	GDM	2	PC	7 G	AB	DICHTUNG WÜRFELST.	
600	0005314676	CABLE ENTRY	PG9_NW10	4	PC	10,750 G		SCHLAUCHVERSCHR. PG9	
610	0005319181	QUICK-CATCH CLAMP	TYH PA6.6	2	PC	0,250 G		200X2,4MM -40C - 105 C	
620	0015317385	END SLEEVE	ADERENDHUELSE H0,5-14	4	PC	5 G		0,5 QMM	
630	46531	UNION		2	PC	12 G		H PG 13,5 - PG 9	DIN46320
640	0025318885	BLADE CONNECTOR	BUCHSENGEHAEUSE MCP1,5	1	PC	111 G		92POL / NW26 / CODE-A / 90GRD	
650	0025319385	BLADE CONNECTOR	BUCHSENKONTAKT VERSILBERT	64	PC	0,400 G		0,5-1,0 MM² / MCP1,5	
660	0025319585	BLADE CONNECTOR	EINZELADERABDICHTUNG	64	PC	0,050 G		1,4-1,9 MM / MCP1,5	
670	0185317083	BLANKING PLUG FOR CONNECTOR	BLINDSTOPFEN	28	PC	0,050 G		MCP1,5	
680	0025319185	BLADE CONNECTOR	KAPPE FUER MCP BUCHSENGEHAEUSE	1	PC	14,100 G		92POL / NW26	
690	0011596139	SHRINKABLE HOSE		0,120	M			52/13/MIT KLEBER	
700	0035314381	CABLE CLAMP		2	PC	0,500 G		L= 150MM, B= 3,6MM	
710		IDENTIFICATION PLATE	ELAT	2	PC		KE	47X135MM, BEDRUCKBAR 47X25MM	

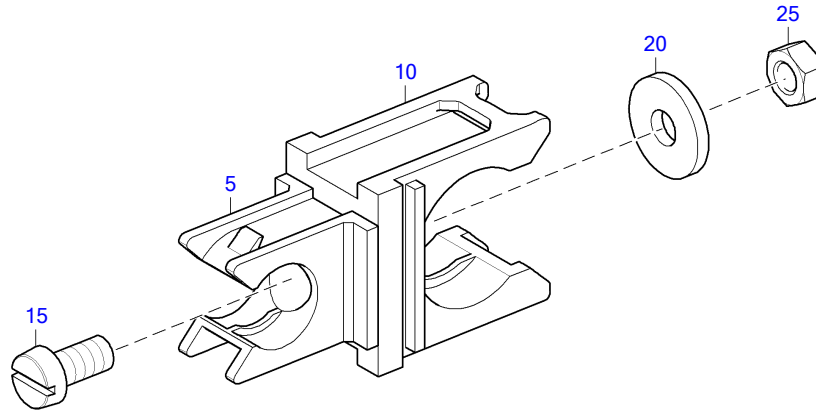
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
100	X00E50201047	GROUND/EARTH LINE		1	PC	23 G	AB	2XM6; 6QMM; 200MM; ISOLIERT	
150	00000003387	BOLT HEX		1	PC	5 G		M 6 X 16	ISO4017
200	000125006431	WASHER		1	PC	0,900 G		A 6,4	DIN125
300	916016035201	CLAMP		1	PC	43 G		BRSGU 35/20	N16016
400	304017008081	HEX BOLT		1	PC	13,500 G		M 8 X 25	ISO4017
450	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125
500	5241506273	RETAINER F. WIRING HARNESS	4000	2	PC	47,500 G		HC031	
550	00000003020	BOLT HEX A3C		2	PC	20,010 G		M 10 X 20	ISO4017
551	000125010524	WASHER		2	PC	3,100 G		A 10,5	DIN125
570	5241501376	RETAINER F. WIRING HARNESS	BR4000	1	PC	41,600 G		HC068	
600	5241534340	BRACKET H:14	4000	1	PC	24,100 G			
650	00000003347	BOLT HEX A3C		1	PC	39 G		M 10 X 55	ISO4017
750	0001596540	CLAMP CABLE DN17		3	PC	1,900 G		DN17	
800	0001596440	CLAMP CABLE DN10		4	PC	1,200 G		DN10	
850	000084005196	SCREW		3	PC	2,670 G		M 5 X 12	DIN84
900	200084005107	BOLT SLOTTED HD GELB CHROMAT		4	PC	2,400 G		M 5 X 10	DIN84
950	000125005322	WASHER		4	PC	0,400 G		A 5,3	DIN125
1000	007349005002	WASHER		3	PC			5,3	DIN7349
1050	304032005008	HEX NUT		7	PC			M 5	ISO4032
1150	X52650700039	CABLE CLAMP		5	PC	9 G		ROHRCLIP DN26	
1200	0001596440	CLAMP CABLE DN10		1	PC	1,200 G		DN10	
1250	000084005194	SCREW		5	PC	3,060 G		M 5 X 16	DIN84
1300	200084005107	BOLT SLOTTED HD GELB CHROMAT		1	PC	2,400 G		M 5 X 10	DIN84
1350	000125005322	WASHER		11	PC	0,400 G		A 5,3	DIN125
1400	304032005008	HEX NUT		6	PC			M 5	ISO4032
1500	0005335043	BRACKET		8	PC	1,800 G		BUEGEL FUER HALTER DN10	
1550	0005334943	BRACKET CABLING AND PIPEWOR		10	PC	2,900 G		BUEGEL FUER HALTER DN17	
1600	X52650700040	BRACKET		11	PC			BUEGEL DN26	

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
100	X59450700041	RETAINER FOR ENGINE CONTROL		1	PC	10,620 KG			
150	304017008084	BOLT HEX A3C		4	PC	16,565 G	M 8 X 35		ISO4017
200	007349008002	WASHER		4	PC	8,300 G	8,4		DIN7349
250	000000003710	HEX SCREW		1	PC	27,500 G	M 10 X 35		ISO4017
300	007349010002	WASHER		1	PC	11 G	10,5		DIN7349
400	X52850200002	RETAINER TOP		1	PC				
450	X59350700015	RETAINER BOTTOM		1	PC	2,020 KG			
500	X00012261	SPACER SLEEVE		4	PC	37,720 G			
550	304017008081	HEX BOLT		4	PC	13,500 G	M 8 X 25		ISO4017
600	5221530026	DAMPER	SG 2000	4	PC	152,800 G			
650	304032008014	NUT HEX 8 A3C		8	PC	4,800 G	M 8		ISO4032
700	007349008002	WASHER		4	PC	8,300 G	8,4		DIN7349
800	X00E50201047	GROUND/EARTH LINE		1	PC	23 G	AB 2XM6; 6QMM; 200MM; ISOLIERT		
850	000000003387	BOLT HEX		2	PC	5 G	M 6 X 16		ISO4017
900	000125006431	WASHER		2	PC	0,900 G	A 6,4		DIN125
1100	X59450700031	RETAINER F. WIRING HARNESS		1	PC				
1150	X59699100058	PLUG		1	PC	220 KG			
1200	007603038101	COPPER SEALING RING		1	PC	5,400 G	A 38 X 44		DIN7603
1250	735151008100	SPACER		1	PC	7,700 G	A 8,4		MTN5151
1300	204017008011	HEX SCREW		1	PC	12,200 G	M 8 X 22		ISO4017
1400	735151010100	SPACER		1	PC	11 G	A 10,5		MTN5151
1450	000000001042	BOLT HEX A3C		1	PC	35 G	M 10 X 50		ISO4017
1550	735151012100	SPACER S2000/4000		1	PC	20 G	A 12,5		MTN5151
1600	000000001040	BOLT HEX A3C		1	PC	58 G	M 12 X 60		ISO4017
1700	X59399100095	RETAINER		1	PC	1,900 KG	SB		
1750	000000001464	BOLT HEX A3C		6	PC	25 G	M 10 X 30		ISO4017
1850	204017006007	HEX SCREW		4	PC	9,400 G	M 6 X 40		ISO4017
1950	X57509600008	DAMPER ELEMENT		4	PC	34,100 G	FUER M6 SCHRAUBE		
2050	X00E50201048	GROUND/EARTH LINE		1	PC	23 G	2XM6, 6QMM, 250MM, ISOLIERT		
2100	304017006058	BOLT HEX A3C		2	PC	4,400 G	M 6 X 12		ISO4017
2300	X59550700030	STRIP F. WIRING HARNESS		1	PC				
2350	000000003021	HEX SCREW		6	PC	23,700 G	M 10 X 25		ISO4017
2400	007349010002	WASHER		6	PC	11 G	10,5		DIN7349
2450	009021010201	WASHER		6	PC	10,740 G	10,5		DIN9021
2550	X52750700019	STRIP F. WIRING HARNESS		1	PC				
2600	000000003021	HEX SCREW		6	PC	23,700 G	M 10 X 25		ISO4017
2650	007349010002	WASHER		6	PC	11 G	10,5		DIN7349
2700	009021010201	WASHER		6	PC	10,740 G	10,5		DIN9021
2800	916016026202	CLAMP		1	PC	35,700 G	BRSQU 26/20		N16016
2850	0009959301	PIPE CLAMP	BRSQU 32/20	1	PC	45 G			N16016
2900	916016022202	CLAMP		3	PC	27,800 G	BRSQU 22/20		N16016
2950	304017008081	HEX BOLT		5	PC	13,500 G	M 8 X 25		ISO4017
3000	000125008427	WASHER		5	PC	1,500 G	A 8,4		DIN125
3050	X59550700026	RETAINER F. WIRING HARNESS		3	PC	23,500 G	BC009		
3060	X59450700146	RETAINER F. WIRING HARNESS		1	PC				
3061	000000003020	BOLT HEX A3C		1	PC	20,010 G	M 10 X 20		ISO4017
3062	000125010524	WASHER		1	PC	3,100 G	A 10,5		DIN125
3080	5241502473	RETAINER F. WIRING HARNESS	BR 4000	2	PC	14,100 G	BC001		
3150	X00032675	RETAINER F. WIRING HARNESS		2	PC	134 G			
3170	304017008086	BOLT HEX A3C		2	PC	19,400 G	M 8 X 45		ISO4017
3200	007349008002	WASHER		2	PC	8,300 G	8,4		DIN7349
3270	5315460443	BRACKET H:41 S2000/S4000	8V2000M90	1	PC	65,500 G			
3280	304017008077	BOLT HEX A3C S2000/4000		1	PC	10 G	M 8 X 16		ISO4017
3300	000125008427	WASHER		1	PC	1,500 G	A 8,4		DIN125

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
3400	5241503070	RETAINER F. WIRING HARNESS		2	PC	9,300 G		BC007	
3450	5241506273	RETAINER F. WIRING HARNESS	4000	2	PC	47,500 G		HC031	
3500	304017008083	BOLT HEX A3C		2	PC	15 G		M 8 X 30	ISO4017
3550	007349008002	WASHER		2	PC	8,300 G		8,4	DIN7349
3600	5500780453	SPACER SLEEVE		2	PC	13,310 G		9MM X 15MM L=13	
3750	X59450700011	BRACKET WIRING HARNESS		2	PC	57 G			
3850	5241502473	RETAINER F. WIRING HARNESS	BR 4000	1	PC	14,100 G		BC001	
3920	X00026945	CABLE CLAMP	T50SOSFT6	1	PC	1,300 G		M.STECKFUSS F. M8 AUSSENVERZAHN	
3950	5241504673	RETAINER F. WIRING HARNESS	4000	2	PC	73 G			
3970	304017008086	BOLT HEX A3C		1	PC	19,400 G		M 8 X 45	ISO4017
4000	007349008002	WASHER		2	PC	8,300 G		8,4	DIN7349
4010	5500780453	SPACER SLEEVE		1	PC	13,310 G		9MM X 15MM L=13	
4020	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
4030	5241502473	RETAINER F. WIRING HARNESS	BR 4000	3	PC	14,100 G		BC001	
4031	X52450700069	RETAINER		1	PC			HC094/1	
4032	304017008081	HEX BOLT		1	PC	13,500 G		M 8 X 25	ISO4017
4033	007349008002	WASHER		2	PC	8,300 G		8,4	DIN7349
4034	304032008014	NUT HEX 8 A3C		1	PC	4,800 G		M 8	ISO4032
4036	5241534640	BRACKET L H:30 SENSOR E	4000	1	PC	46 G			
4037	000000001464	BOLT HEX A3C		1	PC	25 G		M 10 X 30	ISO4017
4038	007349010002	WASHER		1	PC	11 G		10,5	DIN7349
4040	5241507173	RETAINER F. WIRING HARNESS	4000	1	PC	22,400 G		HC087	
4041	304017008077	BOLT HEX A3C S2000/4000		3	PC	10 G		M 8 X 16	ISO4017
4042	X52450700069	RETAINER		2	PC			HC094/1	
4050	X00027636	BRACKET ASM		1	PC	47,390 G			
4070	000000001042	BOLT HEX A3C		1	PC	35 G		M 10 X 50	ISO4017
4075	5511530050	SPACER BUSHING		1	PC	13,310 G		Ø18/Ø10 x 10	
4090	5241534640	BRACKET L H:30 SENSOR E	4000	1	PC	46 G			
4091	000000001464	BOLT HEX A3C		1	PC	25 G		M 10 X 30	ISO4017
4092	000125010524	WASHER		1	PC	3,100 G		A 10,5	DIN125
4200	0015331940	RETAINER CABLING AND PIPEWOR		5	PC	5,650 G		ROHRCLIP DN17	
4250	0015331840	RETAINER CABLING AND PIPEWOR		2	PC	3,110 G		ROHRCKLIP DN10	
4300	000084005196	SCREW		5	PC	2,670 G		M 5 X 12	DIN84
4350	200084005107	BOLT SLOTTED HD GELB CHROMAT		2	PC	2,400 G		M 5 X 10	DIN84
4400	000125005322	WASHER		7	PC	0,400 G		A 5,3	DIN125
4450	007349005002	WASHER		5	PC			5,3	DIN7349
4500	304032005008	HEX NUT		7	PC			M 5	ISO4032
4520	0001596540	CLAMP CABLE DN17		6	PC	1,900 G		DN17	
4530	0001596440	CLAMP CABLE DN10		1	PC	1,200 G		DN10	
4550	X59450700037	RETAINER F. WIRING HARNESS		1	PC	232 G			
4850	5315461343	Connector Fastener		1	PC	97 G			
4900	5502030043	BRACKET		1	PC	31 G		H023	
4970	304017008076	HEX BOLT		1	PC	9,200 G		M 8 X 12	ISO4017
5000	000125008427	WASHER		2	PC	1,500 G		A 8,4	DIN125
5020	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
5050	5241534340	BRACKET H:14	4000	1	PC	24,100 G			
5100	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
5150	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125
5170	5241534640	BRACKET L H:30 SENSOR E	4000	1	PC	46 G			
5180	000000003926	BOLT HEX A3C		1	PC	55,600 G		M 12 X 55	ISO4017
5250	X59450700038	RETAINER F. WIRING HARNESS		1	PC	145 G			
5300	000000003020	BOLT HEX A3C		1	PC	20,010 G		M 10 X 20	ISO4017

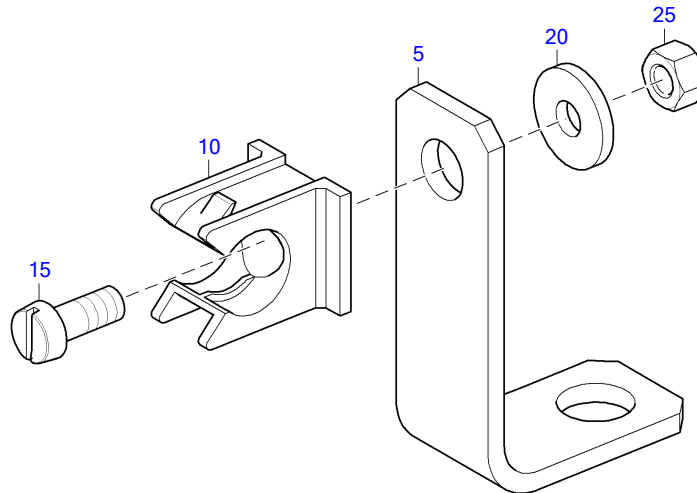
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
5350	000125010524	WASHER		1	PC	3,100 G		A 10,5	DIN125
5400	X59499100047	PLUG		1	PC	30 KG			
5850	X52650700039	CABLE CLAMP		5	PC	9 G		ROHRCLIP DN26	
5900	0015331940	RETAINER CABLING AND PIPEWOR		1	PC	5,650 G		ROHRCLIP DN17	
6000	000084005194	SCREW		5	PC	3,060 G		M 5 X 16	DIN84
6050	000084005196	SCREW		1	PC	2,670 G		M 5 X 12	DIN84
6150	000125005322	WASHER		10	PC	0,400 G		A 5,3	DIN125
6200	007349005002	WASHER		1	PC			5,3	DIN7349
6250	304032005008	HEX NUT		6	PC			M 5	ISO4032
6270	0001596540	CLAMP CABLE DN17		4	PC	1,900 G		DN17	
6280	0001596440	CLAMP CABLE DN10		3	PC	1,200 G		DN10	
6350	5241534640	BRACKET L H:30 SENSOR E	4000	1	PC	46 G			
6370	000000004745	HEX SCREW		1	PC	43 G		M 10 X 65	ISO4017
6375	007349010002	WASHER		1	PC	11 G		10,5	DIN7349
6380	5511531250	SPACER BUSHING		1	PC	41 G			
6400	X59550700026	RETAINER F. WIRING HARNESS		6	PC	23,500 G		BC009	
6450	X59550700027	RETAINER F. WIRING HARNESS		1	PC	19 G		BC010	
6500	5241502473	RETAINER F. WIRING HARNESS	BR 4000	1	PC	14,100 G		BC001	
6600	X59550700027	RETAINER F. WIRING HARNESS		4	PC	19 G		BC010	
6620	X59550700025	RETAINER F. WIRING HARNESS		2	PC	27,200 G		BC008	
6700	X59450700039	RETAINER F. WIRING HARNESS		1	PC	81 G			
6720	000000003021	HEX SCREW		1	PC	23,700 G		M 10 X 25	ISO4017
6730	000125010524	WASHER		1	PC	3,100 G		A 10,5	DIN125
6740	X59450700148	RETAINER F. WIRING HARNESS		1	PC				
6741	000000003020	BOLT HEX A3C		1	PC	20,010 G		M 10 X 20	ISO4017
6742	000125010524	WASHER		1	PC	3,100 G		A 10,5	DIN125
6750	5241505876	RETAINER F. WIRING HARNESS		1	PC			HC094	
6800	304017008079	BOLT HEX		1	PC	12,370 G		M 8 X 20	ISO4017
6850	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125
6900	5241502676	RETAINER F. WIRING HARNESS		1	PC	45 G		HC032/1	
6950	304017008081	HEX BOLT		1	PC	13,500 G		M 8 X 25	ISO4017
7000	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
7015	304017008079	BOLT HEX		1	PC	12,370 G		M 8 X 20	ISO4017
7050	5241534640	BRACKET L H:30 SENSOR E	4000	1	PC	46 G			
7100	204017012004	HEX SCREW		1	PC	29,600 G		M 12 X 20	ISO4017
7150	000125013012	WASHER		1	PC	5,320 G		MN A 13	DIN125
7250	X59450700011	BRACKET WIRING HARNESS		1	PC	57 G			
7260	304017008081	HEX BOLT		1	PC	13,500 G		M 8 X 25	ISO4017
7270	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125
7300	304017008079	BOLT HEX		1	PC	12,370 G		M 8 X 20	ISO4017
7450	5241502676	RETAINER F. WIRING HARNESS		4	PC	45 G		HC032/1	
7500	304017008079	BOLT HEX		4	PC	12,370 G		M 8 X 20	ISO4017
7550	007349008002	WASHER		4	PC	8,300 G		8,4	DIN7349
7700	5241502676	RETAINER F. WIRING HARNESS		1	PC	45 G		HC032/1	
7750	304017008081	HEX BOLT		1	PC	13,500 G		M 8 X 25	ISO4017
7800	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
7811	304017008079	BOLT HEX		1	PC	12,370 G		M 8 X 20	ISO4017
7850	5241505876	RETAINER F. WIRING HARNESS		1	PC			HC094	
7900	304017008079	BOLT HEX		1	PC	12,370 G		M 8 X 20	ISO4017
7950	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125
8000	5241534640	BRACKET L H:30 SENSOR E	4000	1	PC	46 G			
8050	204017012004	HEX SCREW		1	PC	29,600 G		M 12 X 20	ISO4017
8100	000125013012	WASHER		1	PC	5,320 G		MN A 13	DIN125
8200	5225460043	BRACKET L H:49	12/16V2000SG	1	PC				

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
8250	304017008081	HEX BOLT		1	PC	13,500 G		M 8 X 25	ISO4017
8300	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125
8320	304017008079	BOLT HEX		1	PC	12,370 G		M 8 X 20	ISO4017
8400	X59650700018	RETAINER F. WIRING HARNESS		2	PC	200 G			
8420	304017008079	BOLT HEX		2	PC	12,370 G		M 8 X 20	ISO4017
8450	000125008427	WASHER		2	PC	1,500 G		A 8,4	DIN125
8500	0001596540	CLAMP CABLE DN17		2	PC	1,900 G		DN17	
8550	5241538440	BRACKET		2	PC			SB	
8560	X54750700009	CABLE CLAMP		2	PC	10 G		DN26	
8570	304017008079	BOLT HEX		2	PC	12,370 G		M 8 X 20	ISO4017
8580	007349008002	WASHER		2	PC	8,300 G		8,4	DIN7349
8650	5241506273	RETAINER F. WIRING HARNESS	4000	8	PC	47,500 G		HC031	
8700	5241503070	RETAINER F. WIRING HARNESS		1	PC	9,300 G		BC007	
8750	0001596440	CLAMP CABLE DN10		1	PC	1,200 G		DN10	
8800	X59450700011	BRACKET WIRING HARNESS		1	PC	57 G			
9150	5241505873	RETAINER F. WIRING HARNESS	4000	1	PC	32,900 G	P	HC016	
9170	5315460443	BRACKET H:41 S2000/S4000	8V2000M90	1	PC	65,500 G			
9200	X00012556	RETAINER F. WIRING HARNESS		1	PC				
9220	304017008084	BOLT HEX A3C		1	PC	16,565 G		M 8 X 35	ISO4017
9300	5241503070	RETAINER F. WIRING HARNESS		1	PC	9,300 G		BC007	
9350	X59450700011	BRACKET WIRING HARNESS		1	PC	57 G			
9400	0001596440	CLAMP CABLE DN10		1	PC	1,200 G		DN10	
9450	X59450700011	BRACKET WIRING HARNESS		1	PC	57 G			
9500	000000003020	BOLT HEX A3C		1	PC	20,010 G		M 10 X 20	ISO4017
9550	000125010524	WASHER		1	PC	3,100 G		A 10,5	DIN125
9620	5241506273	RETAINER F. WIRING HARNESS	4000	8	PC	47,500 G		HC031	
9640	5241503070	RETAINER F. WIRING HARNESS		1	PC	9,300 G		BC007	
9660	X59450700011	BRACKET WIRING HARNESS		1	PC	57 G			
9680	0001596440	CLAMP CABLE DN10		1	PC	1,200 G		DN10	
9700	X59450700011	BRACKET WIRING HARNESS		1	PC	57 G			
9720	000000003347	BOLT HEX A3C		1	PC	39 G		M 10 X 55	ISO4017
9740	000125010524	WASHER		1	PC	3,100 G		A 10,5	DIN125
9780	0001596440	CLAMP CABLE DN10		1	PC	1,200 G		DN10	
9800	X59450700011	BRACKET WIRING HARNESS		1	PC	57 G			
9820	5241503070	RETAINER F. WIRING HARNESS		1	PC	9,300 G		BC007	
9840	5241506473	RETAINER F. WIRING HARNESS	4000	3	PC	40 G		HC034	
9850	000000003347	BOLT HEX A3C		2	PC	39 G		M 10 X 55	ISO4017
9855	000000003020	BOLT HEX A3C		1	PC	20,010 G		M 10 X 20	ISO4017
9860	000125010524	WASHER		3	PC	3,100 G		A 10,5	DIN125
9870	5225460043	BRACKET L H:49	12/16V2000SG	2	PC				
9875	5241505873	RETAINER F. WIRING HARNESS	4000	1	PC	32,900 G	P	HC016	
9878	5241503373	RETAINER F. WIRING HARNESS	BR4000	1	PC	45 G		HC042	
9900	0005312181	QUICK-CATCH CLAMP	TYH/TYB 25M	22	PC	1 G		186X4,8X1,1MM D=3,5-45MM	
9940	0005335043	BRACKET		36	PC	1,800 G		BUEGEL FUER HALTER DN10	
9960	0005334943	BRACKET CABLING AND PIPEWOR		32	PC	2,900 G		BUEGEL FUER HALTER DN17	
9980	X52650700040	BRACKET		30	PC			BUEGEL DN26	



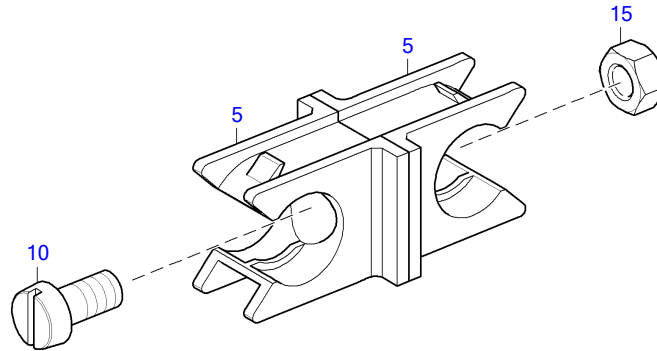
50801539

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
5	0015331840	RETAINER CABLING AND PIPEWOR	1	PC	3,110 G	ROHRCKLIP DN10	
10	0015331940	RETAINER CABLING AND PIPEWOR	1	PC	5,650 G	ROHRCKLIP DN17	
15	200084005107	BOLT SLOTTED HD GELB CHROMAT	1	PC	2,400 G	M 5 X 10	DIN84
20	007349005002	WASHER	1	PC		5,3	DIN7349
25	000934005004	NUT HEX	1	PC	1,100 G	M 5	DIN934



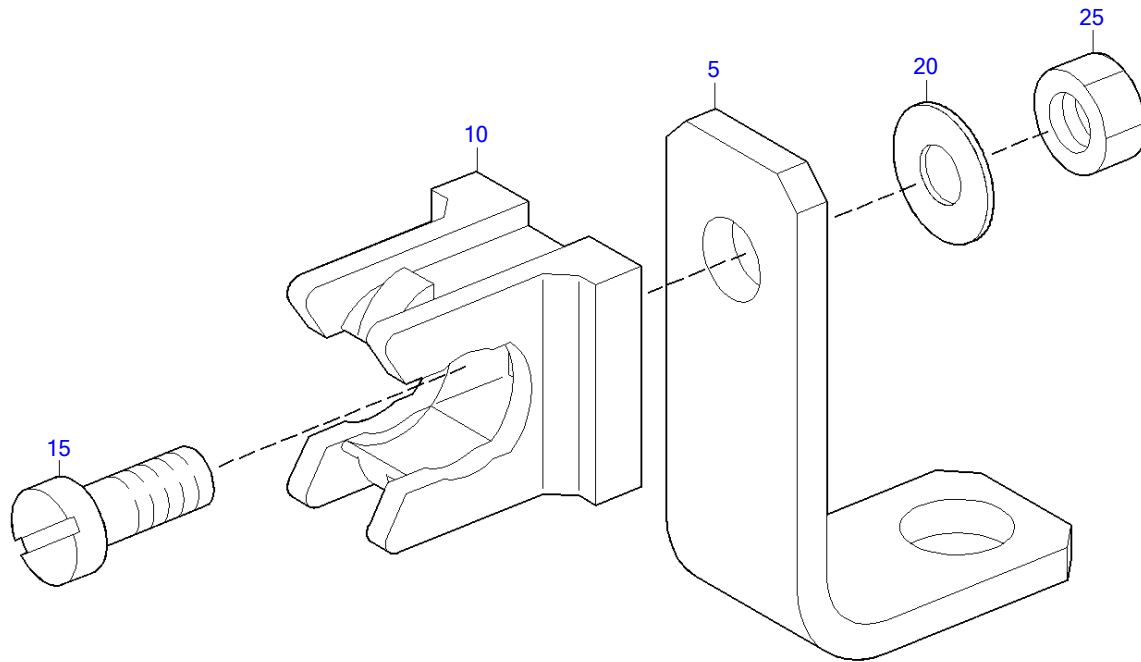
50801537

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
5	8381594840	RETAINER	1	PC			
10	0015331840	RETAINER CABLING AND PIPEWOR	1	PC	3,110 G	ROHRCKLIP DN10	
15	000084005196	SCREW	1	PC	2,670 G	M 5 X 12	DIN84
20	007349005002	WASHER	1	PC		5,3	DIN7349
25	000934005004	NUT HEX	1	PC	1,100 G	M 5	DIN934



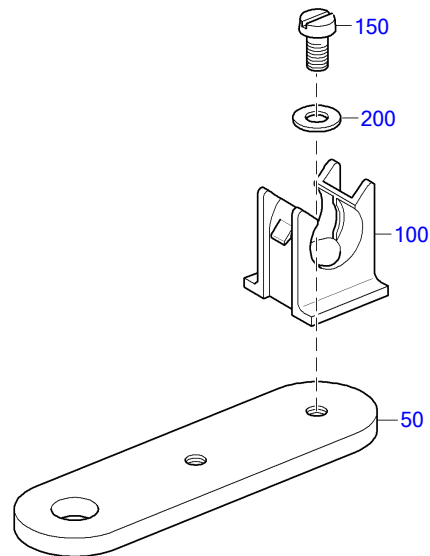
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POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
5	0015331840	RETAINER CABLING AND PIPEWOR	2	PC	3,110 G	ROHRCKLIP DN10	
10	200084005107	BOLT SLOTTED HD GELB CHROMAT	1	PC	2,400 G	M 5 X 10	DIN84
15	000934005004	NUT HEX	1	PC	1,100 G	M 5	DIN934



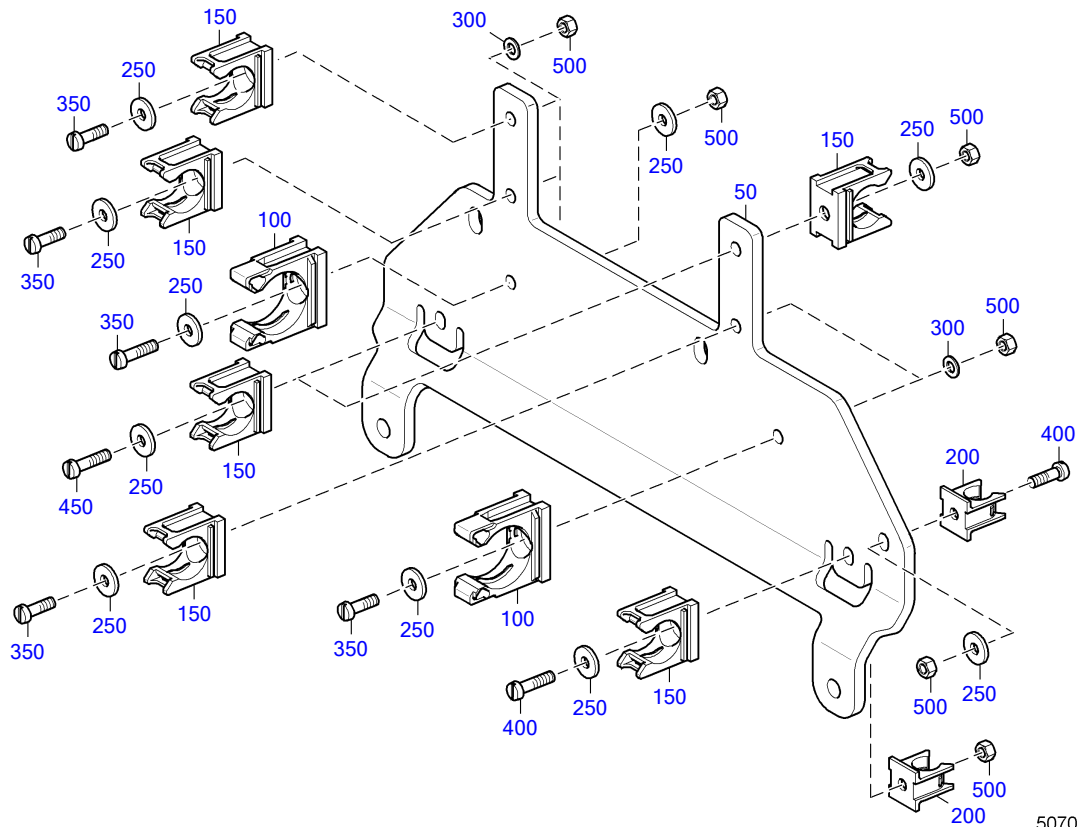
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POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
5	5621531140	BRACKET L H:24 S4000 S2000	1	PC	21,710 G		
10	0015331840	RETAINER CABLING AND PIPEWOR	1	PC	3,110 G	ROHRCKLIP DN10	
15	000084005196	SCREW	1	PC	2,670 G	M 5 X 12	DIN84
20	007349005002	WASHER	1	PC		5,3	DIN7349
25	000934005004	NUT HEX	1	PC	1,100 G	M 5	DIN934



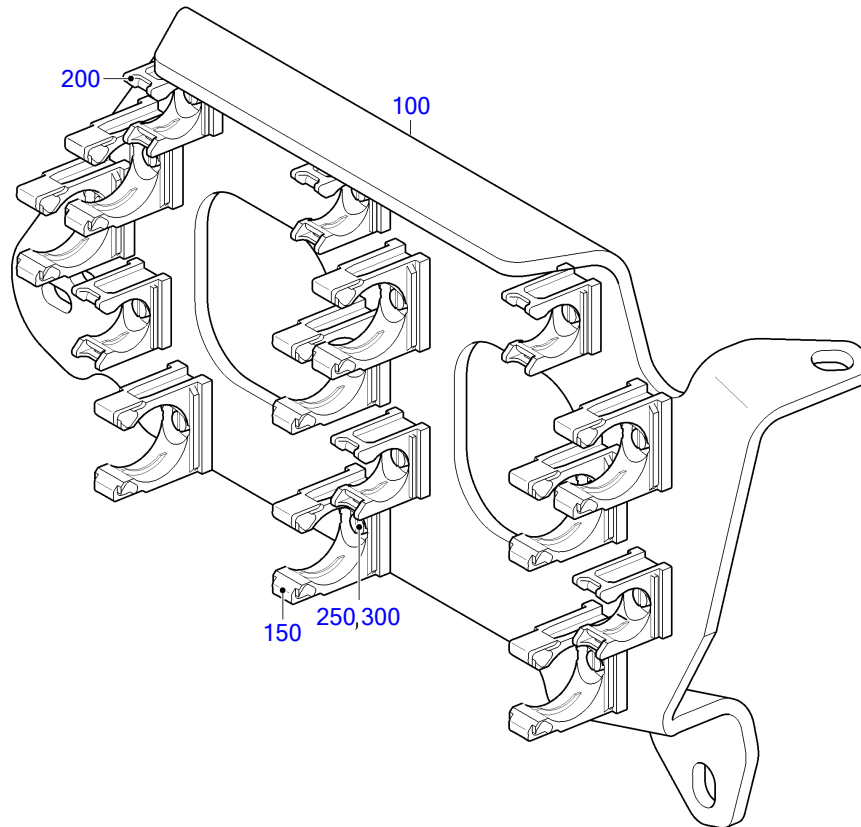
50702399a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	5061537040	BRACKET FLAT H:47	1	PC	51 G		
100	0015331840	RETAINER CABLING AND PIPEWOR	1	PC	3,110 G	ROHRCKLIP DN10	
150	000084004410	SCREW	1	PC	1,230 G	M 4 X 8	DIN84
200	000125004317	WASHER	1	PC	0,330 G	A 4,3	DIN125



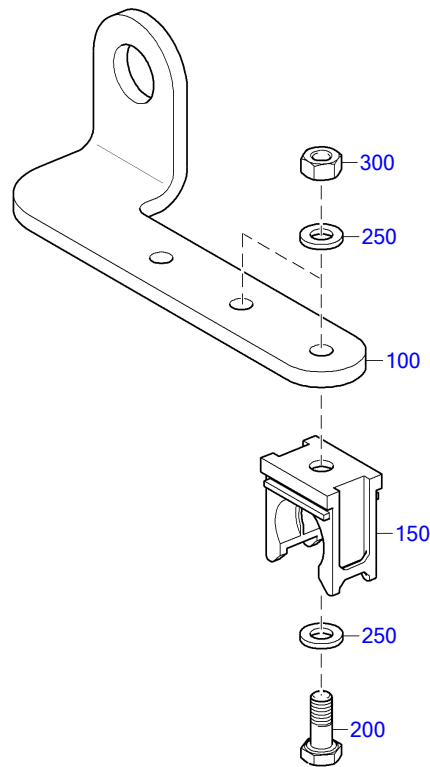
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POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	X59350700013	RETAINER	1	PC	1,940 KG		
100	X52650700039	CABLE CLAMP	3	PC	9 G	ROHRCLIP DN26	
150	0015331940	RETAINER CABLING AND PIPEWOR	5	PC	5,650 G	ROHRCLIP DN17	
200	0015331840	RETAINER CABLING AND PIPEWOR	3	PC	3,110 G	ROHRCKLIP DN10	
250	209021005000	WASHER	8	PC	1,100 G	5,3	DIN9021
300	000125005322	WASHER	7	PC	0,400 G	A 5,3	DIN125
350	304017005025	BOLT HEX A3C	6	PC		M 5 X 16	ISO4017
400	000912005026	BOLT HEX SOC HD	2	PC	3,690 G	M 5 X 16	DIN912
450	000912005010	SCREW	1	PC	3,700 G	M 5 X 18	DIN912
500	304032005008	HEX NUT	9	PC		M 5	ISO4032



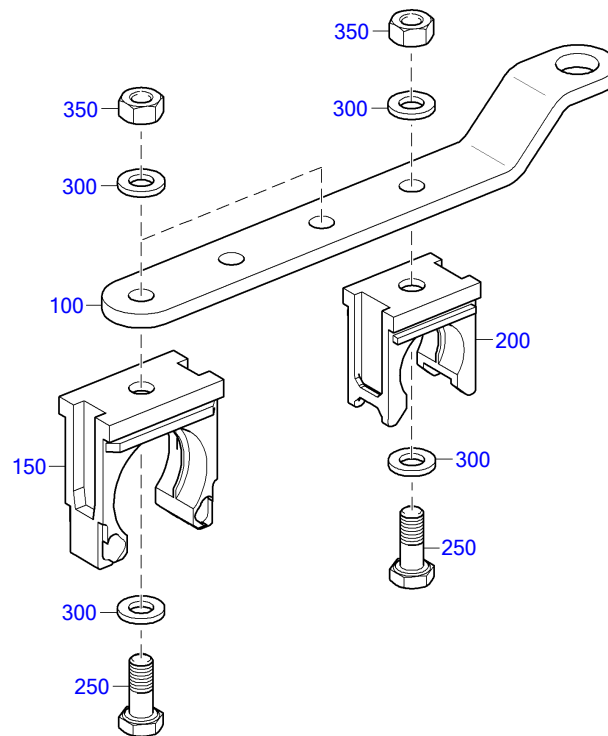
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POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
100	X59699100061	RETAINER F. WIRING HARNESS	1	PC	3,300 KG		
150	X52650700039	CABLE CLAMP	9	PC	9 G	ROHRCLIP DN26	
200	0015331940	RETAINER CABLING AND PIPEWOR	6	PC	5,650 G	ROHRCLIP DN17	
250	007349005002	WASHER	15	PC		5,3	DIN7349
300	000084005196	SCREW	15	PC	2,670 G	M 5 X 12	DIN84



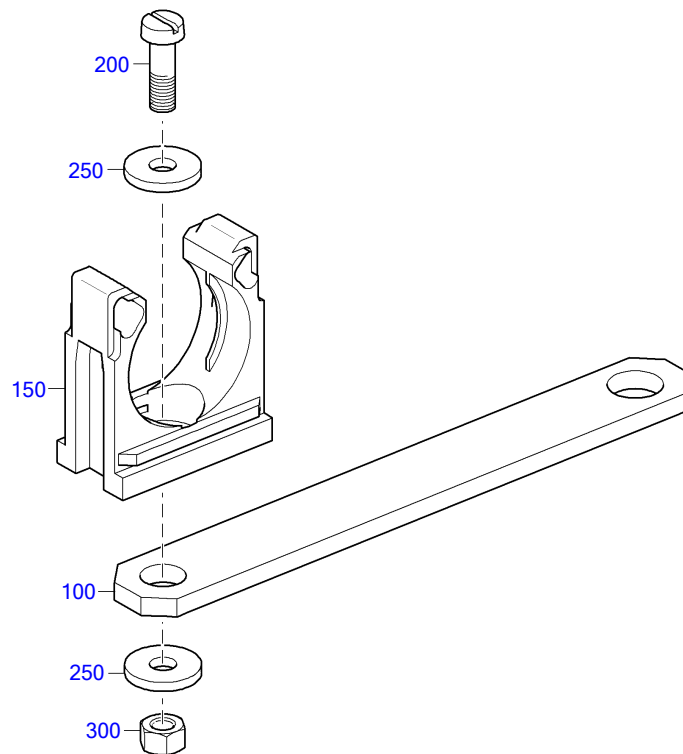
50702405a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
100	X00032376	BRACKET	1	PC	201,500 G		
150	0015331940	RETAINER CABLING AND PIPEWOR	2	PC	5,650 G	ROHRCLIP DN17	
200	000000003387	BOLT HEX	2	PC	5 G	M 6 X 16	ISO4017
250	000125006431	WASHER	4	PC	0,900 G	A 6,4	DIN125
300	304032006011	HEX NUT	2	PC	2,300 G	M 6	ISO4032



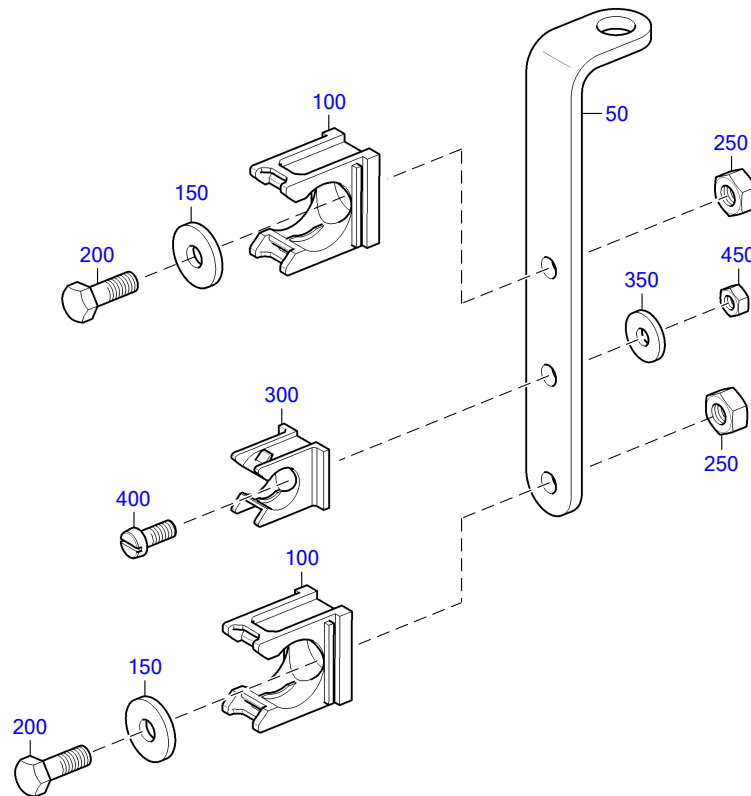
50702404a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
100	X59499100415	RETAINER	1	PC			
150	X52650700039	CABLE CLAMP	2	PC	9 G	ROHRCLIP DN26	
200	0015331940	RETAINER CABLING AND PIPEWOR	1	PC	5,650 G	ROHRCLIP DN17	
250	00000003387	BOLT HEX	3	PC	5 G	M 6 X 16	ISO4017
300	000125006431	WASHER	6	PC	0,900 G	A 6,4	DIN125
350	304032006011	HEX NUT	3	PC	2,300 G	M 6	ISO4032



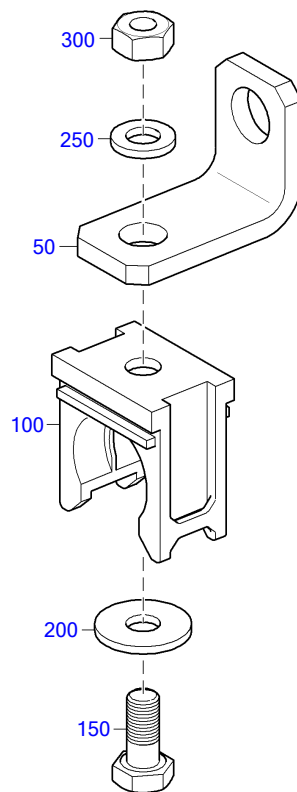
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POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
100	5530720338	BRACKET FLAT W/45 DEG CHAMF H:64	1	PC	71,300 G		
150	X52650700039	CABLE CLAMP	1	PC	9 G	ROHRCLIP DN26	
200	000084005194	SCREW	1	PC	3,060 G	M 5 X 16	DIN84
250	007349005002	WASHER	2	PC		5,3	DIN7349
300	304032005008	HEX NUT	1	PC		M 5	ISO4032



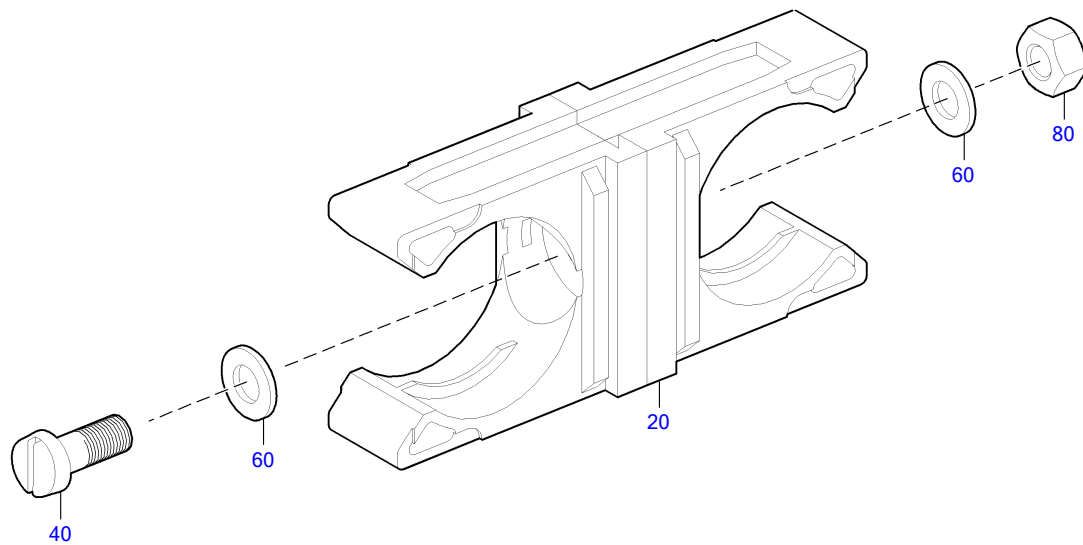
50702793

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	5241534440	BRACKET L.H.:40	4000	1	PC	101 G		
100	0015331940	RETAINER CABLING AND PIPEWOR		2	PC	5,650 G	ROHRCLIP DN17	
150	000125006431	WASHER		2	PC	0,900 G	A 6,4	DIN125
200	000000003387	BOLT HEX		2	PC	5 G	M 6 X 16	ISO4017
250	304032006011	HEX NUT		2	PC	2,300 G	M 6	ISO4032
300	0015331840	RETAINER CABLING AND PIPEWOR		1	PC	3,110 G	ROHRCKLIP DN10	
350	007349005002	WASHER		1	PC		5,3	DIN7349
400	000084005194	SCREW		1	PC	3,060 G	M 5 X 16	DIN84
450	304032005008	HEX NUT		1	PC		M 5	ISO4032



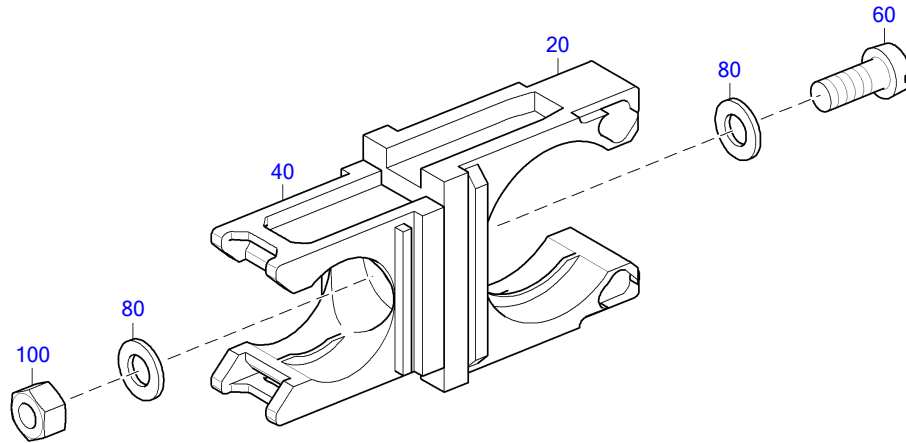
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POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	5901751641	BRACKET L H:22	1	PC	31 G		
100	0015331940	RETAINER CABLING AND PIPEWOR	1	PC	5,650 G	ROHRCLIP DN17	
150	000933006207	BOLT HEX	1	PC	5,100 G	M 6 X 14	DIN933
200	000125006431	WASHER	1	PC	0,900 G	A 6,4	DIN125
250	009021006103	WASHER	1	PC	2,520 G	A 6,4	DIN9021
300	000934006006	NUT HEX	1	PC	2,230 G	M 6	DIN934



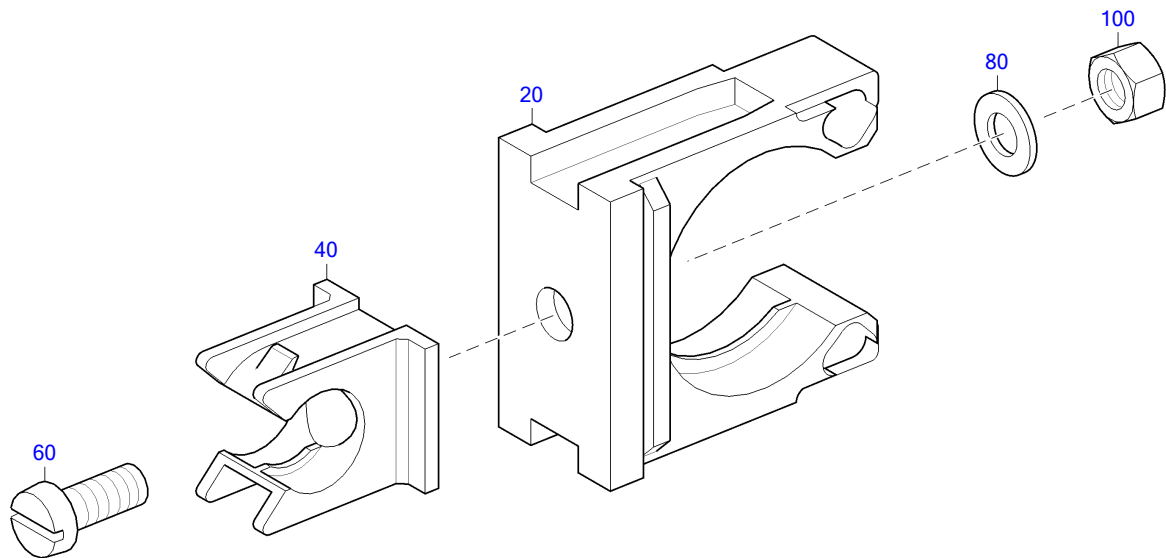
50001017a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
20	X52650700039	CABLE CLAMP	2	PC	9 G	ROHRCLIP DN26	
40	304017006058	BOLT HEX A3C	1	PC	4,400 G	M 6 X 12	ISO4017
60	000125006431	WASHER	2	PC	0,900 G	A 6,4	DIN125
80	304032006011	HEX NUT	1	PC	2,300 G	M 6	ISO4032



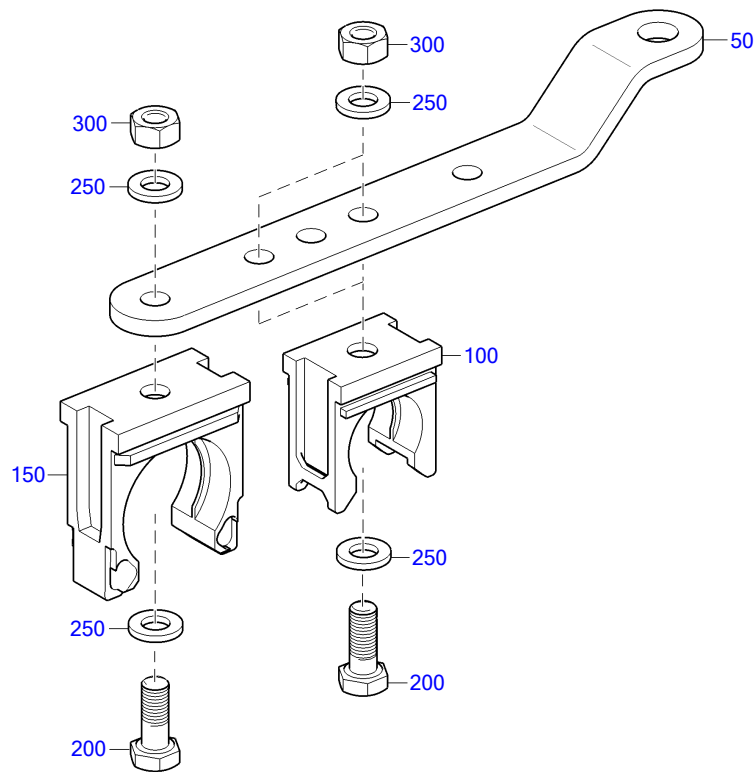
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POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
20	X52650700039	CABLE CLAMP	1	PC	9 G	ROHRLIP DN26	
40	0015331940	RETAINER CABLING AND PIPEWOR	1	PC	5,650 G	ROHRLIP DN17	
60	000084005196	SCREW	1	PC	2,670 G	M 5 X 12	DIN84
80	000125005322	WASHER	2	PC	0,400 G	A 5,3	DIN125
100	304032005008	HEX NUT	1	PC		M 5	ISO4032



50702297a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
20	X52650700039	CABLE CLAMP	1	PC	9 G	ROHRCLIP DN26	
40	0015331840	RETAINER CABLING AND PIPEWOR	1	PC	3,110 G	ROHRCKLIP DN10	
60	000084005196	SCREW	1	PC	2,670 G	M 5 X 12	DIN84
80	000125005322	WASHER	1	PC	0,400 G	A 5,3	DIN125
100	304032005008	HEX NUT	1	PC		M 5	ISO4032



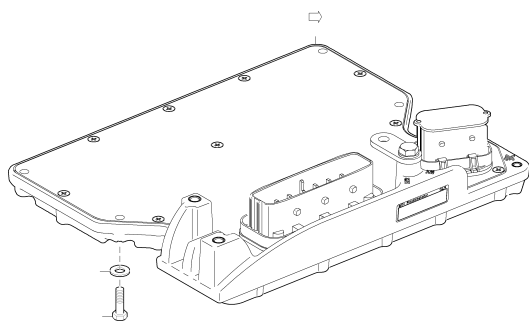
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POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	5241533040	BRACKET OFFSET H:15 MARINE	4000	1	PC	94,500 G		
100	0015331940	RETAINER CABLING AND PIPEWOR		2	PC	5,650 G	ROHRCLIP DN17	
150	X52650700039	CABLE CLAMP		1	PC	9 G	ROHRCLIP DN26	
200	000000003387	BOLT HEX		3	PC	5 G	M 6 X 16	ISO4017
250	000125006431	WASHER		6	PC	0,900 G	A 6,4	DIN125
300	304032006011	HEX NUT		3	PC	2,300 G	M 6	ISO4032

GROUP NUMBER (FG)

GROUP NAME

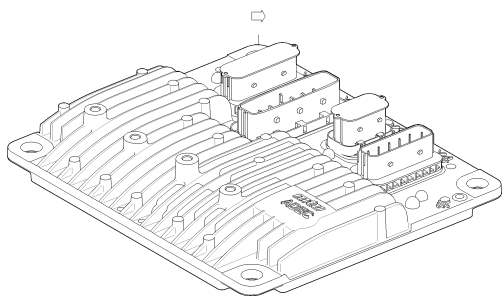
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50702740

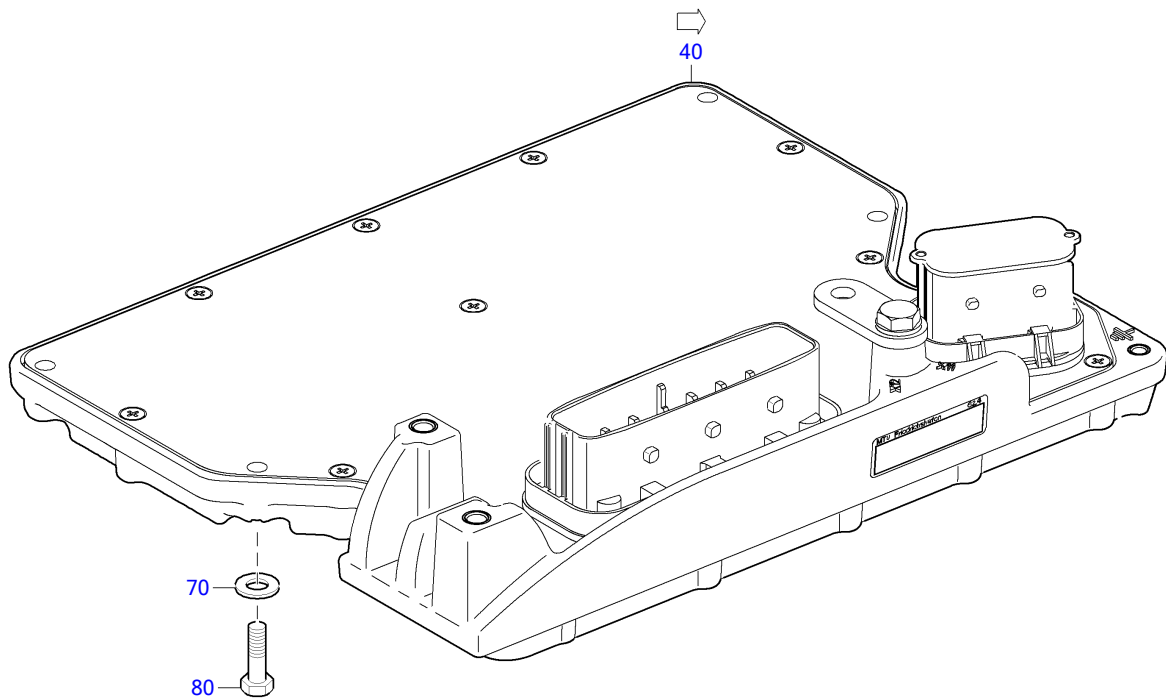
ENGINE MONITOR IN HOUSING
XS00E500.01398

RETAINER F. WIRING HARNESS
XS593500.00021



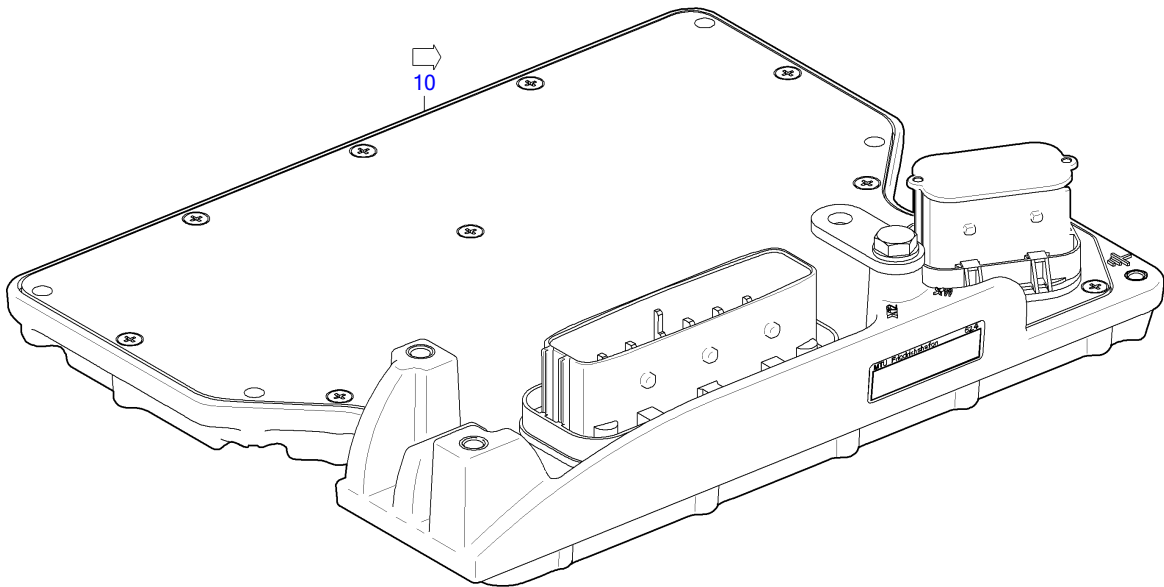
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GOVERNOR F/MONTRG SYST + GOV
X00043550



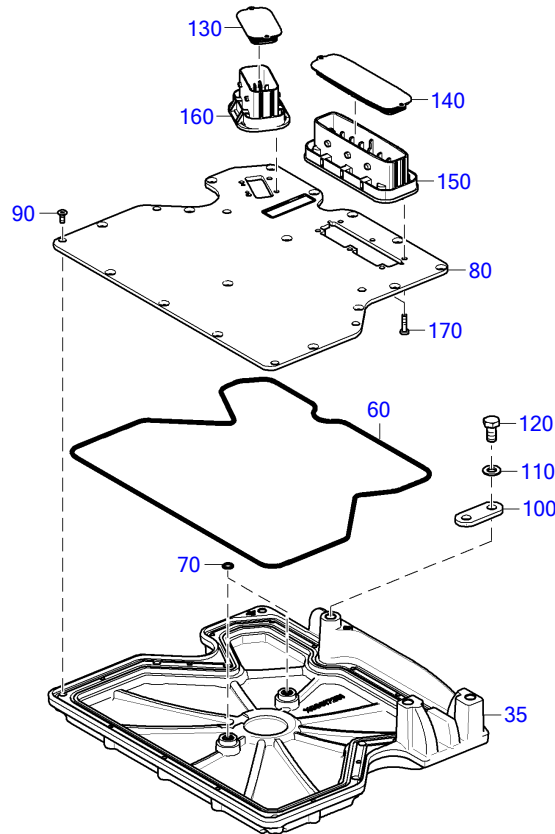
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POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
40	X00E50206654	ENGINE MONITORING	EMU8-02 / URL	1	PC	3,460 KG	EMU8-02 MIT URLADER 25MHZ	
70	000125006431	WASHER		6	PC	0,900 G	A 6,4	DIN125
80	304017006066	BOLT HEX A3C		6	PC	8,970 G	M 6 X 35	ISO4017



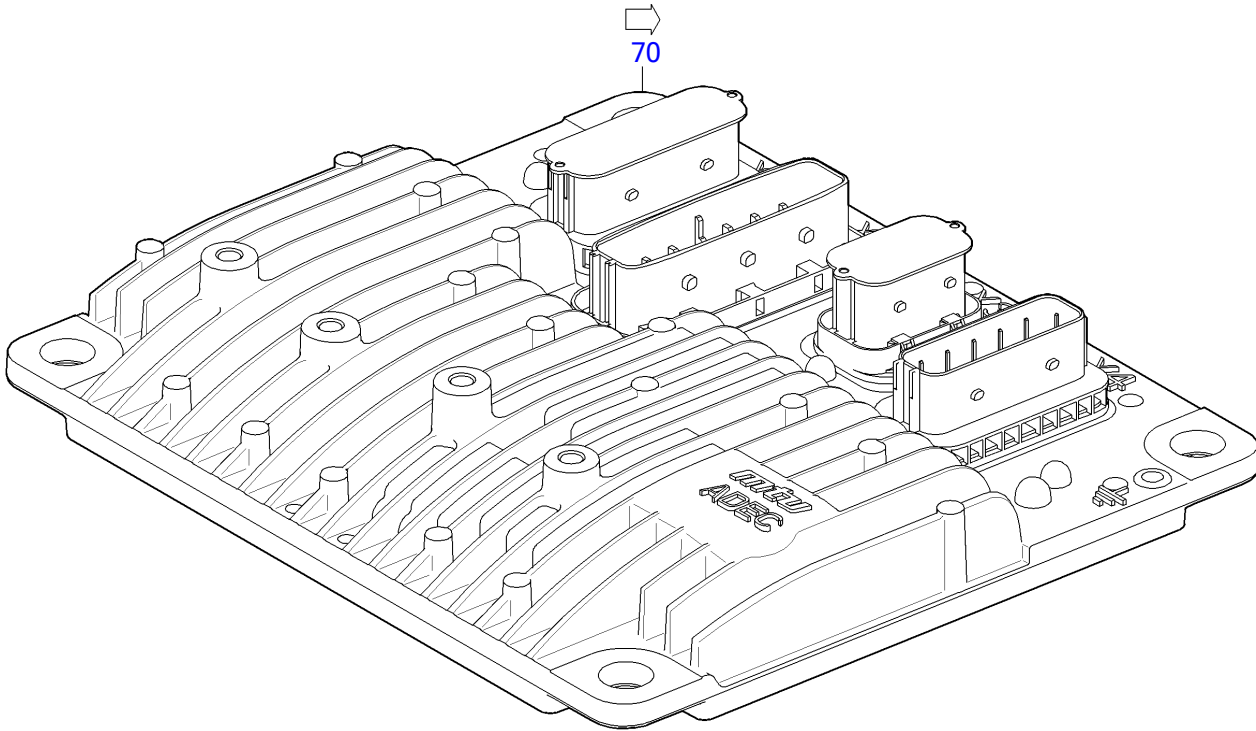
50702411a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	MEASUREMENT
10	X00E50206653	HOUSING	EMU7-03	1	PC	EMU7-03



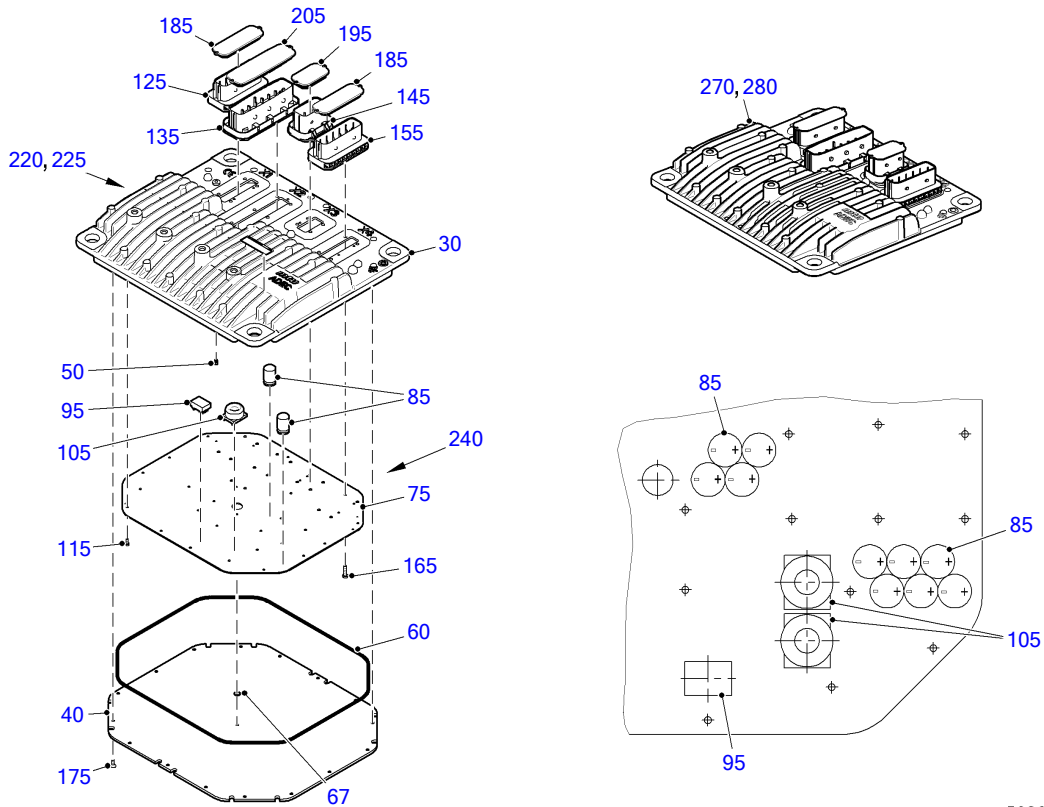
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POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
35		HOUSING F/EXH TEMP MEASUREM	EMU 7	1	PC	0,550 KG	KE	314X257X62	
60	700429329000	O-RING		1	PC	15 G		329 X 3	MMN429
70	700429007001	O-RING		2	PC	2 G		7 X 1,5	MMN429
80	X00E50208018	PLUG-IN BOARD SMD	EME3-04 SMD	1	PC			EME3-04	
90	X00E50200962	COUNTERSUNK HD SCREW	M4X10/DN7500	16	PC	1 G		DIN7500 M4X10-ST-T10	
100	X00019483	RETAINER	EMU 7	1	PC	24,900 G	AB	(50) 30X20X4MM	
110	200125008400	WASHER		1	PC	1,500 G		A 8,4	DIN125
120	304017008072	HEX SCREW		1	PC	11 G		M 8 X 16	ISO4017
130	X00010310	DUST CAP W/MALE CONNECTOR	MCP 21 POL.	1	PC	10,500 G		FUER AMP- BUCHSENGEHAEUSE 21POL	
140	X00010316	DUST CAP FOR CONNECTOR	STAUBKAPPE MCP 92 POL.	1	PC	2 G		FUER AMP- BUCHSENGEHAEUSE 92POL	
150		BLADE CONNECTOR	92 POL.	1	PC	76,600 G	KE	92 POL.; KODIERUNG: B-B;	
160	X00012748	BLADE CONNECTOR	21 POL.	1	PC	41 G	UB	21 POL., KODIERUNG: B	
170	000000003617	SLOT PAN-HEAD SCREW		10	PC			4 X 16	MBN10266



50800198d

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	FN	MEASUREMENT
70	X00E50209162	ECS	ECU7-05/B	1	PC	EM	ECU7-05/B; 360X314X95 (LXBXH)



50801468

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
30	X00002024	HOUSING	ECU 7-02	1	PC	3,560 KG	AB	360X314X60	
40	5015331436	PLATE FOR GOVERNOR	ECU 7-01	1	PC			BLECH 4X309X355	
50	X00009560	LIGHT LADDER WITH O-RING		1	PC	0,150 G			
60	700429338000	O-RING		1	PC	16,400 G		338 X 3	MMN429
67	700429007001	O-RING		1	PC	2 G		7 X 1,5	MMN429
75	X00E50209159	PLUG-IN BOARD SMD	ECB11-05/A SMD	1	PC			ECB11-05/A SMD	
85	0065315725	CAPACITOR	ELKO ALSIC145 680UF 63V	10	PC			ELKO 680UF, 63V, 20%	
95	0005327956	TRANSFORMER	EVD15	1	PC			LP44UH, UE0-50V, W1=28, W2=19WX=8	
105	0005318954	REACTOR	SDR 4,3-0,034	2	PC			LI+LII=35UH +/-15%, I=4,4A,	
115	000000003652	TORX SCREW		23	PC	0,700 G		M3 GF X 8	MBN10226
125	0025318185	BLADE CONNECTOR	46 POL.	1	PC			GERADE, 3-REIHIG, CODIERUNG:A	
135	0025318685	BLADE CONNECTOR	92POL. MESSERLEISTE MCP	1	PC	60 G		GERADE, 4-REIHIG, CODIERUNG:A	
145	0025318585	BLADE CONNECTOR	21 POL.	1	PC			GERADE, 3-REIHIG, CODIERUNG:A	
155	0025318285	BLADE CONNECTOR	46 POL.	1	PC			GERADE, 3-REIHIG, CODIERUNG:B	
165	000000003617	SLOT PAN-HEAD SCREW		18	PC			4 X 16	MBN10266
175	X00E50200962	COUNTERSUNK HD SCREW	M4X10/DN7500	17	PC	1 G		DIN7500 M4X10-ST-T10	
185	X00010313	DUST CAP FOR CONNECTOR	MCP 46 POL.	2	PC	13,500 G		FUER AMP-BUCHSENGEHAEUSE 21POL	
195	X00010310	DUST CAP W/MALE CONNECTOR	MCP 21 POL.	1	PC	10,500 G		FUER AMP-BUCHSENGEHAEUSE 21POL	

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S

SERIAL NUMBER: 527110243

ECS

FG/FGS:

BOM-No.: X00E50209162

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
205	X00010316	DUST CAP FOR CONNECTOR	STAUBKAPPE MCP 92 POL.	1	PC	2 G		FUER AMP- BUCHSENGEHAEUSE 92POL	
220	X00030227	SOFTWARE	ECU7_URLADER2_00	1	PC		KF	ECU7/URLADER 2_00	
225	X00E50205465	SOFTWARE	ECU_7-05/FIRMWARE/ED_1_05	1	PC		KF		
240	X00009977	2-COMP. SILIC.RUBBER	KARTUSCHE 330 ML	1	PC			ELASTOSIL SG 500 A/B	
270	X00E50209162/77	GOVERNOR PROGRAMMED	ECU7-05/B	1	PC		AB KF EM	ECU7-05/B; 360X314X95;	
280	X00E50209162/76	ECS NOT ADJUSTED	ECU7-05/B	1	PC		EM	ECU7-05/B; 360X314X95	

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
RETAINER F. WIRING HARNESS

SERIAL NUMBER: 527110243

FG/FGS: 508 82

BOM-No.: XS593500.00021

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
60	X59320200060	RETAINER	1	PC			
90	000000003021	HEX SCREW	3	PC	23,700 G	M 10 X 25	ISO4017
120	007349010002	WASHER	3	PC	11 G	10,5	DIN7349

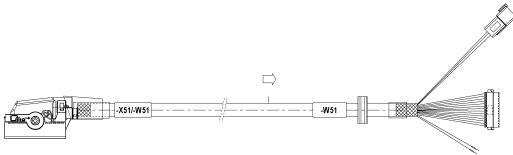
GROUP NUMBER (FG)

GROUP NAME

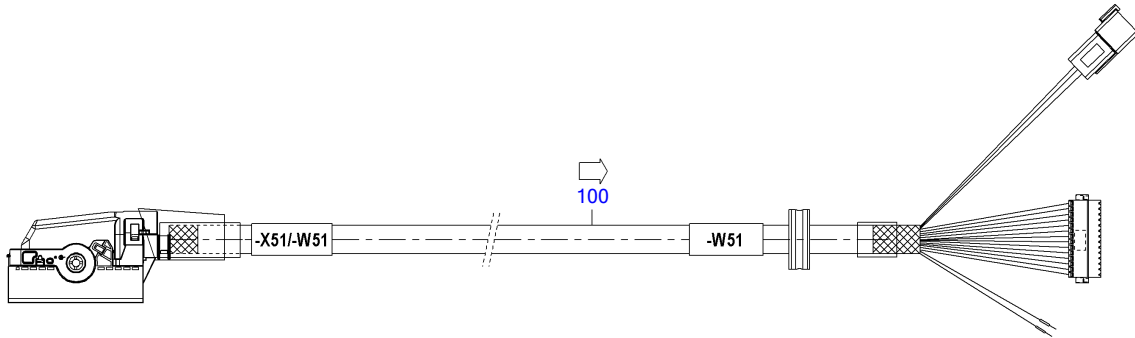
BOM-No.

MEMORY MODULE FOR PLANT DATA
BK00E510.304937-01

CONNECTING CABLE FOR ENGINE GOVERNOR
BS00E510.00141

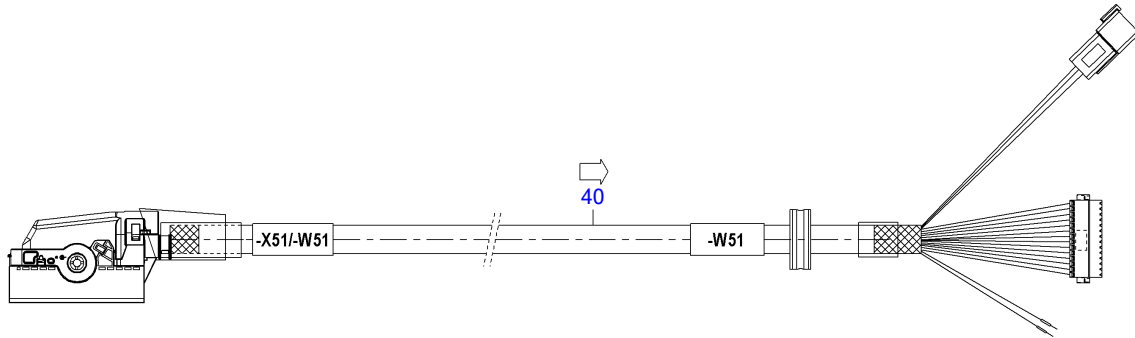


51000482



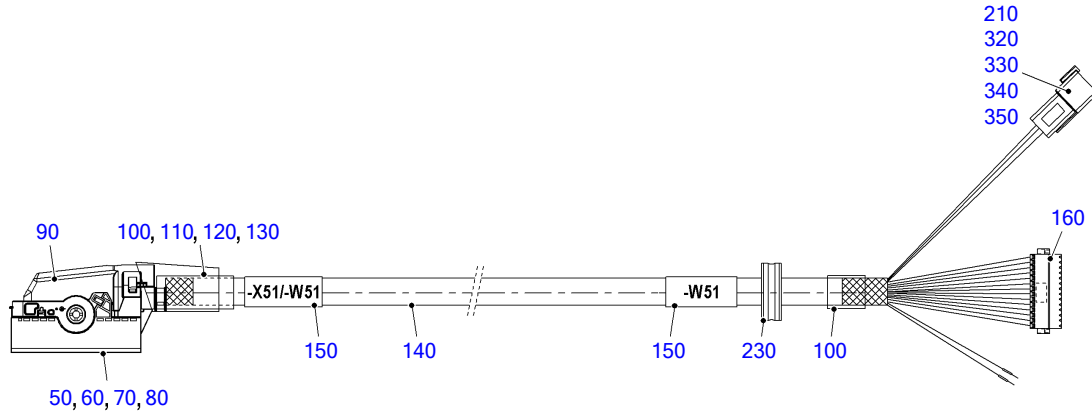
51000482

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT
100	B00E50200271	CONNECTING CABLE FOR ENGINE GOVERNOR	EIM-CCU	1	PC	2,260 KG	L=6M



51000481

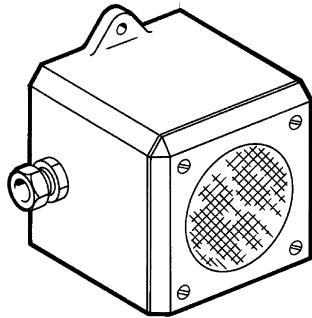
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	FN	MEASUREMENT
40	B00E50200270	CONNECTING CABLE FOR ENGINE GOVERNOR	EIM-CCU	1	PC	M	L=6M



51000480

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
50	X00E50200336	SEPARABLE CONNECTOR	BUCHSENGEHÄUSE MCP2, 8+MCP 1,5	1	PC	87,400 G		62(6+56)POL/NW26/ CODE-A/ 90GRD	
60	0025319385	BLADE CONNECTOR	BUCHSENKONTAKT VERSILBERT	27	PC	0,400 G		0,5-1,0 MM ² / MCP1,5	
70	0025319585	BLADE CONNECTOR	EINZELADERABDICHTUNG	27	PC	0,050 G		1,4-1,9 MM / MCP1,5	
80	0185317083	BLANKING PLUG FOR CONNECTOR	BLINDSTOPFEN	35	PC	0,050 G		MCP1,5	
90	X00E50200337	SEPARABLE CONNECTOR	KAPPE FÜR MCP BUCHSENGEHÄUSE	1	PC	13 G		62POL / NW26	
100	0001591583	SHRINKABLE HOSE	SSCHL. 24/6-0 SW	0,080	M			24MM DURCHM.X1200MM LG.	
110	0011596139	SHRINKABLE HOSE		0,060	M			52/13/MIT KLEBER	
120	0005334980	ADHESIVE		4	PC	0,200 G		15 MM (VARIABEL)	
130	0035314381	CABLE CLAMP		1	PC	0,500 G		L= 150MM, B= 3,6MM	
140	0055314780	CABLE		6,600	M				DIN 5510-2, GL
150		IDENTIFICATION PLATE	ELAT	2	PC		KE	47X135MM, BEDRUCKBAR 47X25MM	
160	X00011621	SOCKET-TERMINL STRIP	B2L3.5F 28POL.	1	PC	3 G		31,5X20,6X15,6, 2X14P.,100V/7,5A	
210	0075316680	CABLE	3XAWG18	0,050	M			VERDRILLT	
230	X00015077	CABLE GROMMET FOR CABLE ENTRY	CCU	1	PC			KLEMMENBEREICH 13-14	
320	X00034321	MALE CONNECTOR	DT-SERIES	1	PC	50 G		STIFTGEHAEUSE 6-POL.	
330	X00034322	MALE CONNECTOR	DT-SERIES	1	PC	5 G		KONTAKTVERR. FÜR STIFT 6-POL	
340	X00023503	BLANKING PLUG FOR CONNECTOR	EINZELADERABDICHTUNG	1	PC			EINZELADERABDICHTUNG 0,75-1,0QMM	
350	X00034294	MALE CONNECTOR	DT-SERIES	5	PC			0,5-1,0 MM2, STIFT VERZ	
360	X00E50209110	PLATE F.CONDUCTOR MARKING		2	PC			40X12MM	

GROUP NUMBER (FG)
GROUP NAME
BOM-No.



HORN F/ENGINE ROOM
500.00453

50702157a

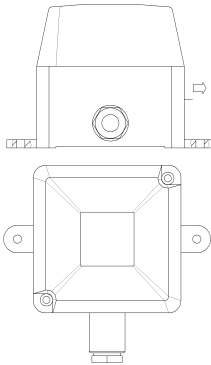
CONNECTING CABLE FOR CONTROL UNIT
BS00E502.00055

-W014.7



50001833

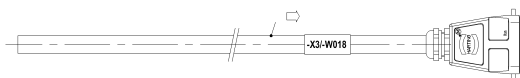
CONNECTING CABLE FOR FUEL FILTER
BS00E510.00789



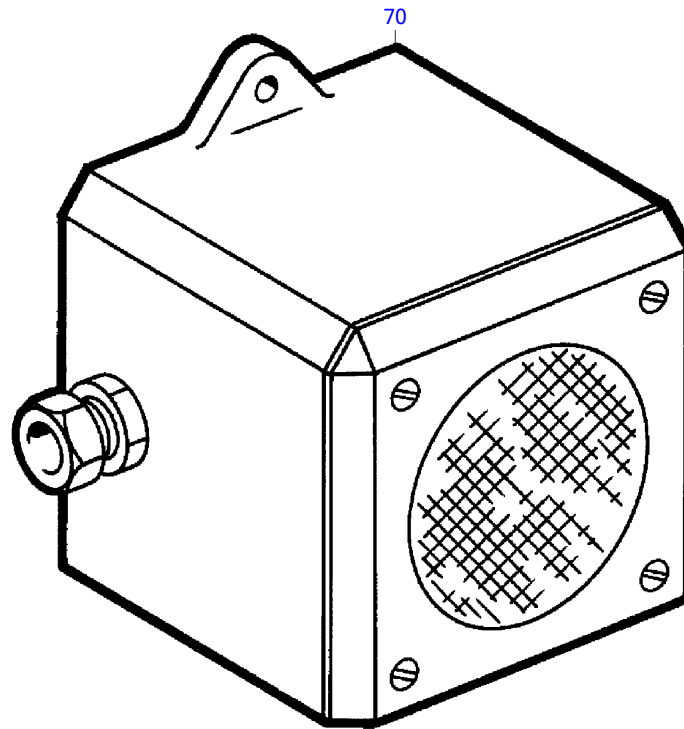
FLASHING LAMP YELLOW
X00007627

51102345

CONNECTING CABLE FOR CONTROL UNIT
X00036131



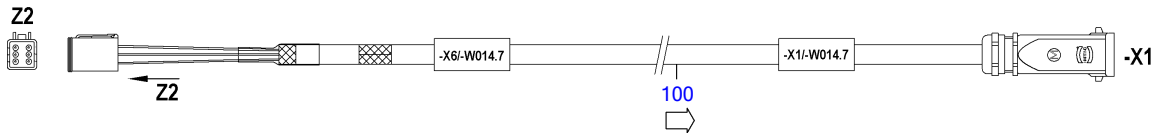
5110770a



50702157a

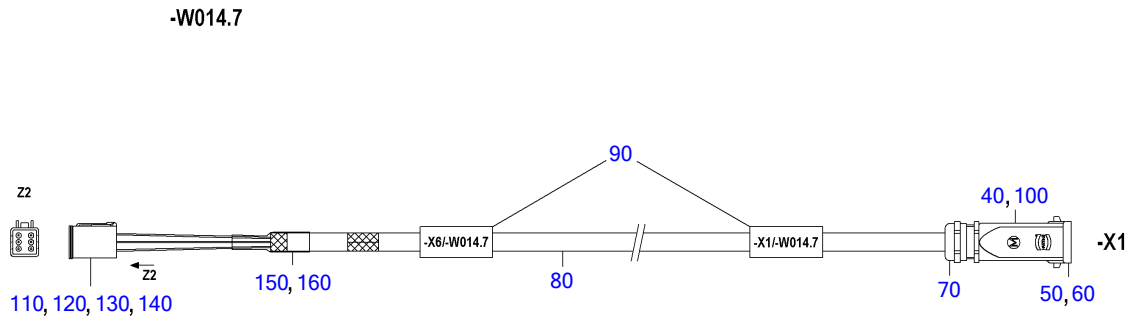
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT
70	B00E50202170	AUDIBLE ALARM FOR MONITORING	AX05	1	PC	668,700 G	169X160X128

-W014.7



50001833

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT
100	X00E50206411	CONNECTING CABLE	BR4000	1	PC	1,150 KG	6 M LANG, W014.7 (CCU/LOP)



50001749a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
40	0185313983	BAYONET COUPLING	HAN 3A	1	PC			3A / M20 GERADE
50	0185317883	BAYONET COUPLING	HAN 3A/8 POL.	1	PC	7,200 G		8-POL. 250V/10A BUCHSE CRIMP
60	0005335683	APPLIANCE CONNECTOR	HAN D;BUCHSENKONTAKT 0,75QMM	5	PC	0,700 G		0,75 MM
70	0005312976	CABLE ENTRY	HSK-M-EMV_M20	1	PC	32,500 G		HSK-M-EMV, METRISCH, M20X1,5,
80	0105311780	CABLE	4X2X0,75	6,300	M	125 G		4X2X0,75 QMM
90		IDENTIFICATION PLATE	ELAT	2	PC		KE	47X135MM, BEDRUCKBAR 47X25MM
100	0185314383	COUNTERSUNK HD SCREW	HAN 3A	2	PC			M3 MIT DICHRING
110	X00034297	MALE CONNECTOR	DT-SERIES	1	PC	8,800 G		6-POL.BUCHSENGEHAEUSE
120	X00034320	MALE CONNECTOR	DT-SERIES	1	PC	2 G		KONTAKTVERR. FÜR BUCHSE 6-POL.
130	0005333083	CRIMP CONTACT	0,5-1,0 QMM	5	PC	2 G		0,5-1,0 QMM, BUCHSE VERZINNT
140	X00023503	BLANKING PLUG FOR CONNECTOR	EINZELADERABDICHTUNG	1	PC			EINZELADERABDICHTUNG 0,75-1,0QMM
150	0005319982	SHRINKABLE HOSE	SSCHL. 16/4-0 SW	0,050	M			16MM DURCHM.X1200MM LG.
160	0005334980	ADHESIVE		2	PC	0,200 G		15 MM (VARIABEL)

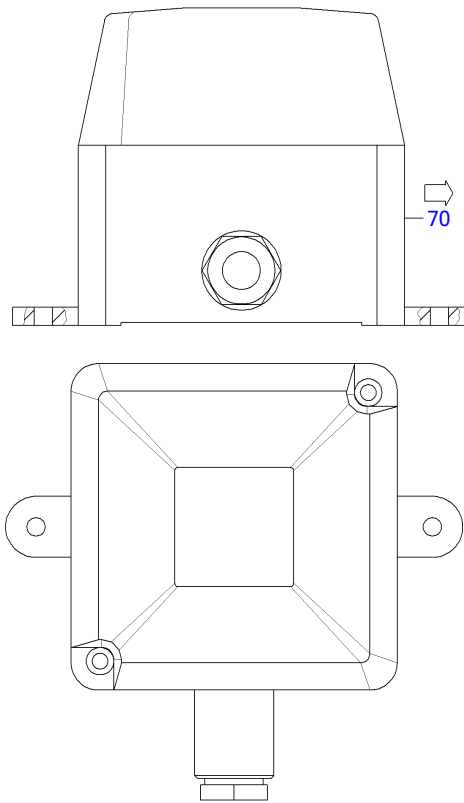
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CONNECTING CABLE FOR FUEL FILTER

SERIAL NUMBER: 527110243

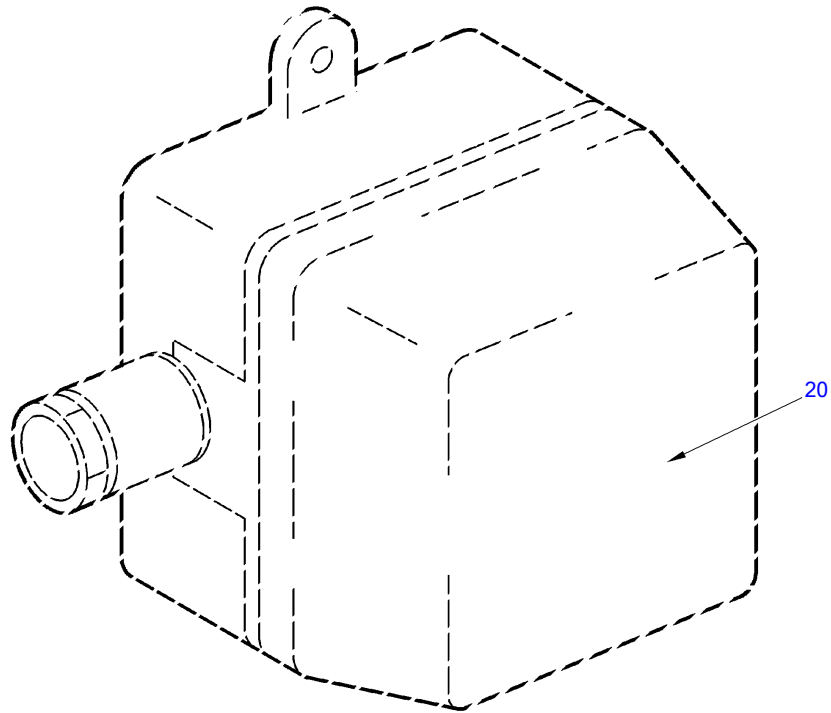
FG/FGS: 511 10
BOM-No.: BS00E510.00789

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	MEASUREMENT
100	X00E50209562	CONNECTING CABLE FOR FUEL PREFILTER	-W011 / 15M	1	PC	15M



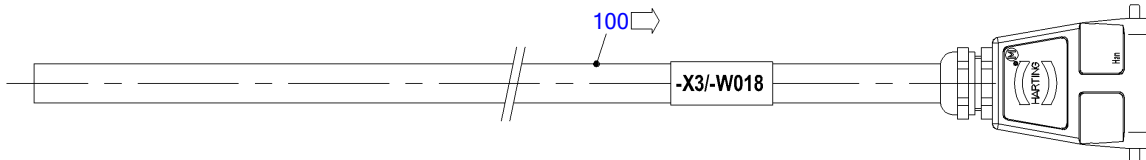
51102345

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT
70	0005318688	FLASHING LAMP YELLOW	BLK 40/15-32V-GELB	1	PC	841,500 G	BLK 40, 15-32 V



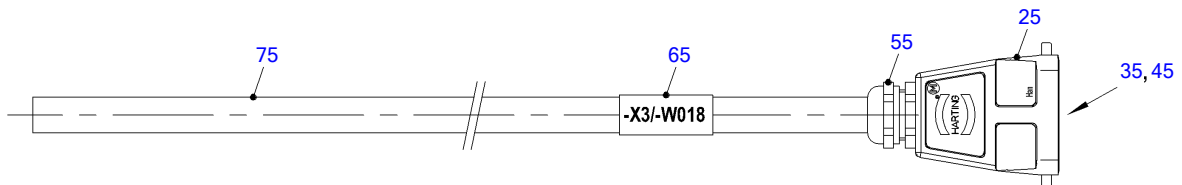
51102077b

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN
20	0005316188	LAMP	1	PC	4 G	MN



51101790a

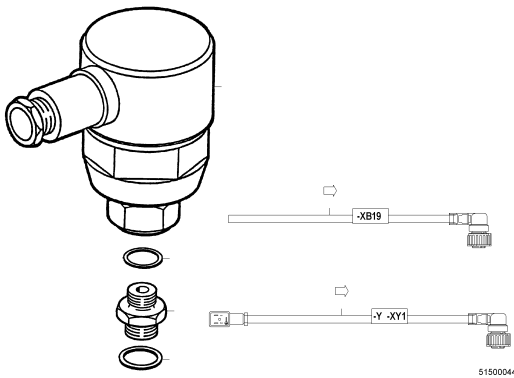
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT
100	5105303734	CABLE FOR ECS	-W018 / 10M	1	PC	2,480 KG	L



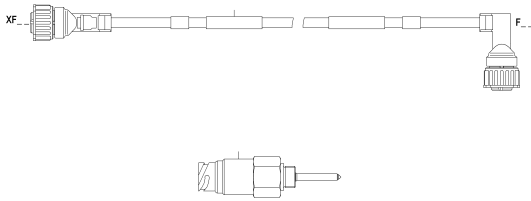
51101790a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
25	0175311083	HOUSING	HAN/GR. 6	1	PC			GR.6 EMV M25 GERADE
35	0085315383	PIN INSERT	HAN E	1	PC	37 G	AB	BAUREIHE HAN E
45	0085315583	CONTACT PIN	2,5 QMM	4	PC		AB	2,5QMM, VERSILBERT
55	0005316176	CABLE ENTRY	HSK-M-EMV_M25	1	PC	52 G		HSK-M-EMV, METRISCH, M25X1,5,
65		IDENTIFICATION PLATE	ELAT	1	PC		KE	47X135MM, BEDRUCKBAR 47X25MM
75	0105313780	CABLE	5X2,5	10,300	M		AB	5X2,5QMM

GROUP NUMBER (FG)
GROUP NAME
BOM-No.

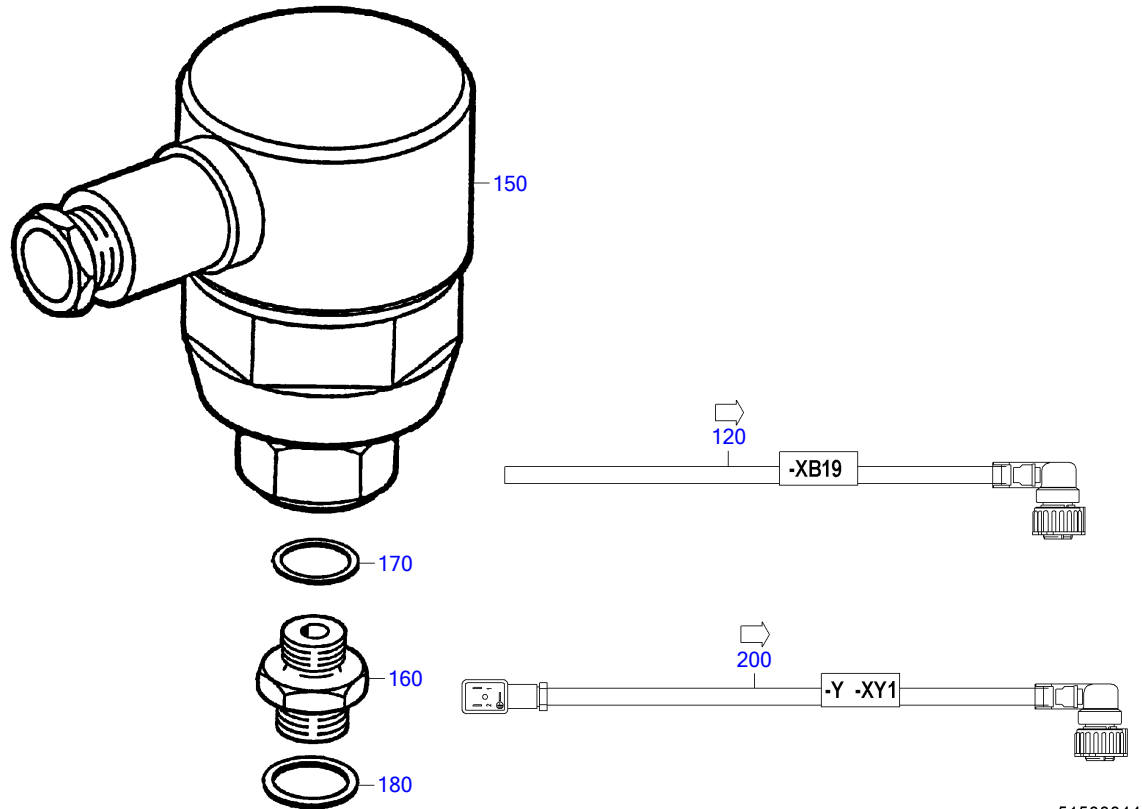


AIR PRESSURE MONITOR WITH CABLE
XS00E500.01395

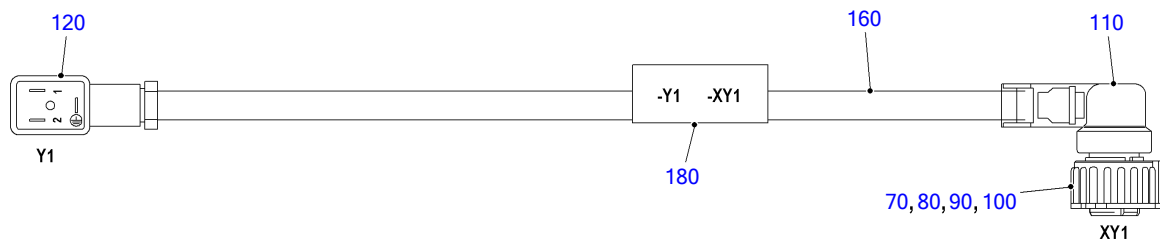


LEVEL SENSOR FOR COOLANT SYSTEM
XS00E500.01397

50702467a

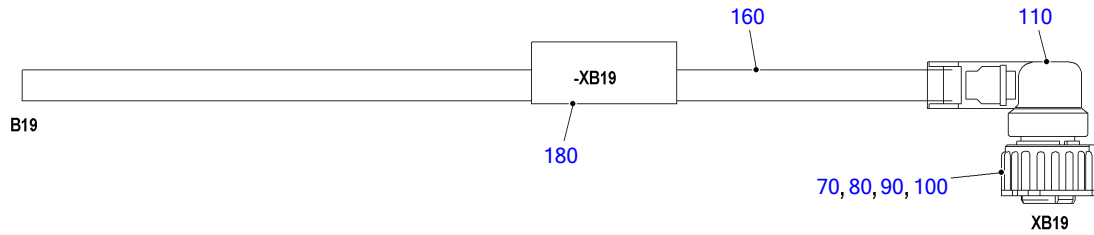


POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
120	X00E50206357	CONNECTING CABLE FOR AIR START	BR4000M23-M63	1	PC	700 G		10M, EINSEITIG STECKER	
150	0055351531	PRESSURE SENSOR	50 BAR RELATIV	1	PC	429,500 G	AB	50 BAR RELATIV	
160	28399972172/0	UNION AIR STARTER		1	PC	35,100 G			
170	705057013000	RING SEALING A13 X18 CU		1	PC	1,300 G		A 13 X 18	DIN7603
180	007603018101	COPPER SEALING RING		1	PC	1,300 G		A 18 X 22	DIN7603
200	X00E50205179	CONNECTING CABLE FOR AIR START	BR4000M23-M63	1	PC	400 G		5M XY1.X-Y01	



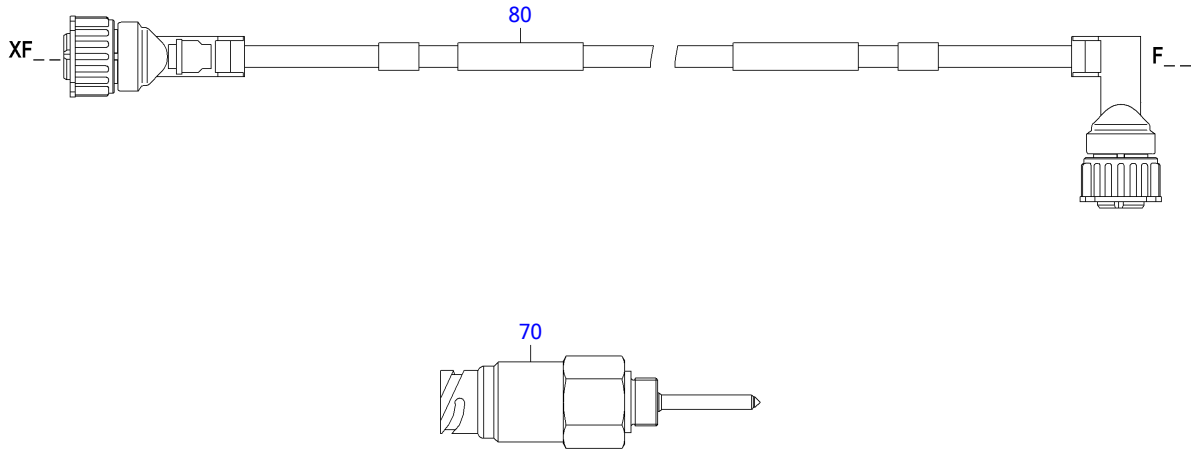
50702742

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
70	0165313283	MALE CONNECTOR	STECKER F. BU-KONTAKTE 2,5MM	1	PC	11,500 G		4POL. CODE 1 / DIN 72585
80	0165313383	FEMALE CONTACT		2	PC	0,200 G		0,5-1,0 MM ² / D=2,5MM
90	0165313483	SINGLE-CORE INSUL		2	PC	0,100 G		1,2-2,0 MM / D2,5MM
100	0165313583	BLANKING PLUG	BLINDSTOPFEN	2	PC	0,100 G		SYSTEM 2,5MM / 2,8MM
110	0165317383	CAP	STECKERKAPPE / WELLROHRADAPTER	1	PC	7 G		AB 90 GRAD / VAR. KLEMMUNG
120	X00E50206519	MALE CONNECTOR FOR SOLENOID VALVE	2+PE POL.	1	PC			BUCHSE-STECKER, 2+PE POL
160	0105311580	CABLE	1X2X0,75	5	M			AB 1X2X0,75 QMM
180		IDENTIFICATION PLATE	ELAT	2	PC			KE 47X135MM, BEDRUCKBAR 47X25MM



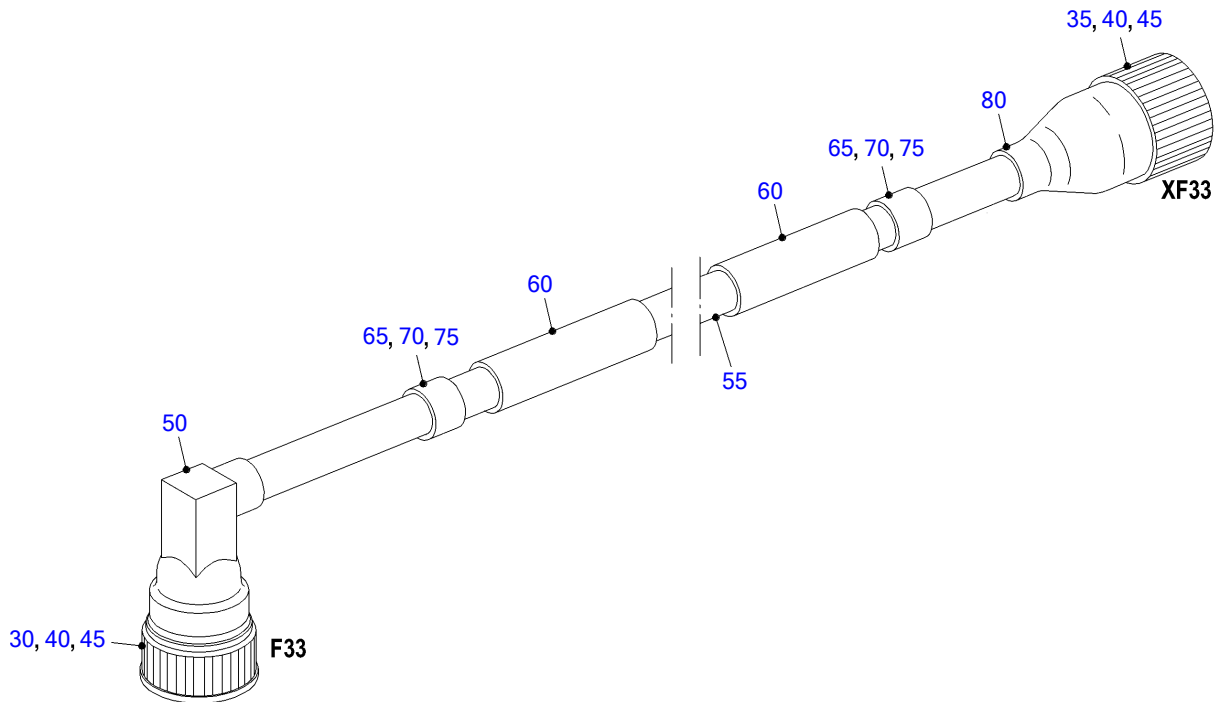
50702741

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
70	0165313283	MALE CONNECTOR	STECKER F. BU-KONTAKTE 2,5MM	1	PC	11,500 G	4POL. CODE 1 / DIN 72585	
80	0165313383	FEMALE CONTACT		2	PC	0,200 G	0,5-1,0 MM ² / D=2,5MM	
90	0165313483	SINGLE-CORE INSUL		2	PC	0,100 G	1,2-2,0 MM / D2,5MM	
100	0165313583	BLANKING PLUG	BLINDSTOPFEN	2	PC	0,100 G	SYSTEM 2,5MM / 2,8MM	
110	0165317383	CAP	STECKERKAPPE / WELLROHRADAPTER	1	PC	7 G	AB 90 GRAD / VAR. KLEMMUNG	
160	0105311580	CABLE	1X2X0,75	10	M		AB 1X2X0,75 QMM	
180		IDENTIFICATION PLATE	ELAT	2	PC		KE 47X135MM, BEDRUCKBAR 47X25MM	



50702467a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
70	X00E50203659	LEVEL MONITOR	BEDIA CLS-50, WASSERSONDE	1	PC		AB	WASSERSONDE DYN.UB-VERHALTEN+LT,
80	X00015855	CABLE W/MALE CONNECTOR	KM-NIVEAU F33	1	PC	555 G		L=10M



50701055a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
30	0165313283	MALE CONNECTOR	STECKER F. BU-KONTAKTE 2,5MM	1	PC	11,500 G		4POL. CODE 1 / DIN 72585	
35	0165314083	MALE CONNECTOR	STECKER F. BU-KONTAKTE 2,5MM	1	PC	12 G		4POL. CODE 2 / DIN 72585	
40	0165313383	FEMALE CONTACT		8	PC	0,200 G		0,5-1,0 MM ² / D=2,5MM	
45	0165313483	SINGLE-CORE INSUL		8	PC	0,100 G		1,2-2,0 MM / D2,5MM	
50	0165317383	CAP	STECKERKAPPE / WELLROHRADAPTER	1	PC	7 G	AB	90 GRAD / VAR. KLEMMUNG	
55	0085316180	CABLE	4X0,5/110	10	M		AB	4X0,5 OHNE GNGE	
60		IDENTIFICATION PLATE ELAT		2	PC		KE	47X135MM, BEDRUCKBAR 47X25MM	
65	700461103005	MARKER SLEEVE		2	PC			3/F	MMN461
70	700461103023	MARKER SLEEVE		1	PC			3/X	MMN461
75	700461203003	MARKER SLEEVE		4	PC			3/3	MMN461
80	0165314283	CAP	STECKERKAPPE / WELLROHRADAPTER	1	PC	6,300 G	AB	180 GRAD / VAR. KLEMMUNG	

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S

SERIAL NUMBER: 527110243

EMERGENCY INSTRUMENTATION (CONTROL STAND)

FG/FGS: 517

GROUP NUMBER (FG)

GROUP NAME

BOM-No.

CONTROL CONSOLE FOR ON-BOARD GENSET

BS00E510.00564

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CONTROL CONSOLE FOR ON-BOARD GENSET

SERIAL NUMBER: 527110243

FG/FGS: 517 10

BOM-No.: BS00E510.00564

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	MEASUREMENT
180	B00E50202240/S0001	CONTROL CONSOLE FOR ON-BOARD GENSET	LOP 10-01 / CAN_EIM	1	PC	500X500X210; ENGLISCH

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CONTROL CONSOLE FOR ON-BOARD GENSET

SERIAL NUMBER: 527110243

FG/FGS:

BOM-No.: B00E50202240/S0001

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
170	B00E50202240	CONTROL CONSOLE FOR ON-BOARD GENSET	LOP 10	1	PC			KF 500X500X210;EIM_J1939/CANOPEN
200	X00E50203743	LABELLING KIT FOR CONTROL PANEL	LOP 10-01	1	PC			
220	0015341901	KEY COVER WHITE	MCS-5	14	PC			
230	0015342001	KEY COVER GREEN	MCS-5	5	PC			
240	0015342101	KEY COVER RED	MCS-5	1	PC			
250	0015343901	LOCKING DEVICE FOR SWITCH/BUTTON	PAN 1, 2, 3, 4, 5, 7	7	PC			FLACHE VERSION
270	5005334589	IDENTIFICATION PLATE		1	PC	6 G		

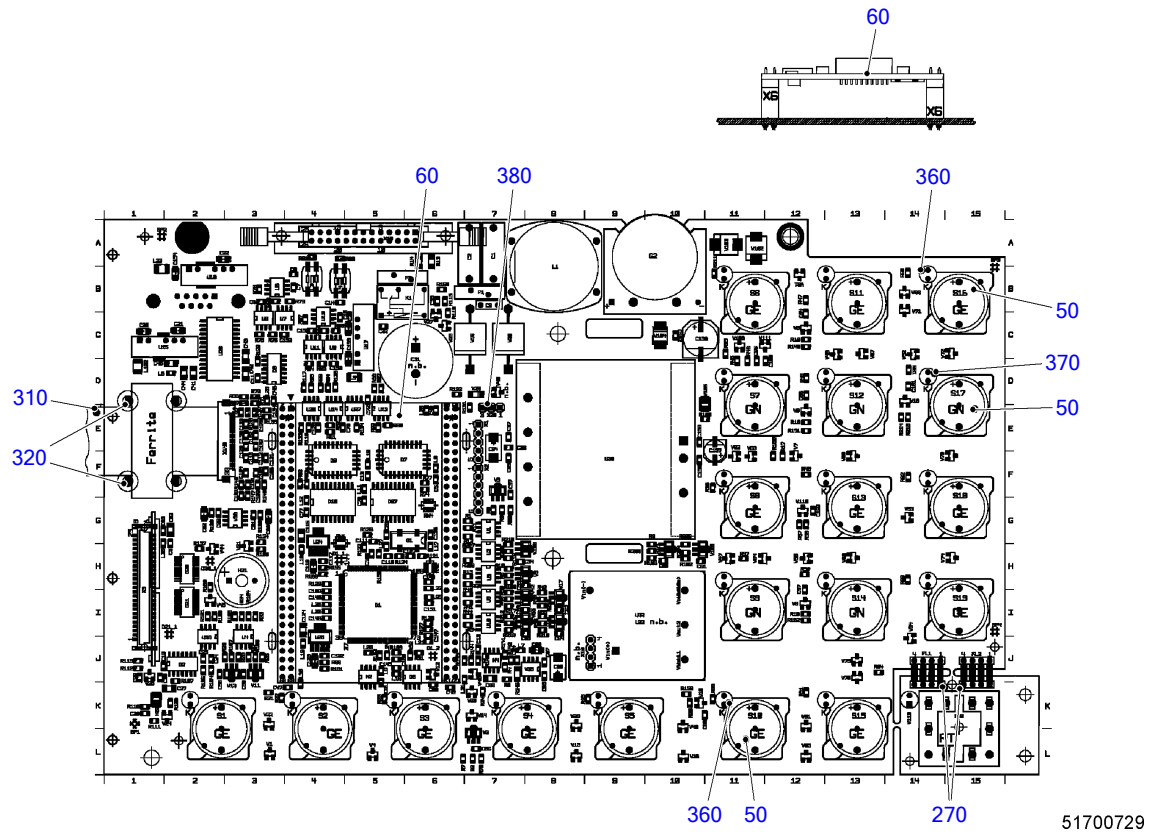
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
170	B00E50202228	HOUSING FOR ON-BOARD GENSET	-	1	PC			500X500X210	
180	X00E50203844	CABLE ENTRY	KEL24-10 + BTK	3	PC	165 G		147X60X21 / KEL24/10	
190	000912005022	SCREW		6	PC	4,100 G		M 5 X 20	DIN912
195	000912005021	SCREW		6	PC	4,730 G		M 5 X 25	DIN912
200	0001591779	CABLE SHOE		5	PC	1,080 G		1-2,6QMM/M5	
210	0085310080	CABLE	H07Z-K 1,5	1	M			1,5 QMM GRUEN/GELB	
220	206797005200	TOOTHED WASHER J5.3		6	PC	0,240 G		J 5,3	DIN6797
230	200125005300	WASHER		6	PC	0,430 G		A 5,3	DIN125
240	000934005024	NUT HEX		6	PC	1,060 G		M 5	DIN934
250	0015315485	CABLE TERMINAL	1,0-2,5 MM	1	PC			1,0-2,5QMM/M8, BLAU	
260	X00E50202336	BAFFLE PLATE FOR CABLE	36526	3	PC	21 G	KF	142X36X24	
270	0005850903	POCKET		1	PC			SCHALTPLANTASCHE	
280	X00E50209110	PLATE F.CONDUCTOR MARKING		150	PC			40X12MM	
290	0005312582	CABLE DUCT	LK4_60X25	1,200	M			LK4 60025, VERDRAHTUNG 60X25MM	
300	0009905392	RIVET		14	PC			FUER KABELKANAL	
360	0015332731	CAP	723	1	PC			FUER SCHR.DOSE,SERIE 723	
370	0025336690	ADHESIVE LABEL WITH MTU-LOGO	MTU-LOGO GR.3	1	PC			30X72 MTU-LOGO GR.3	
380	700425000142	PLATE		1	PC	2,200 G		60.1	MMN425
395	0005335680	GASKET		19	PC			MN T=1,0 MM +- 0,8	
400	0005310039	LED RED	T5,5K 6 MLED 24V RD	1	PC			MIT SOCKEL, 24VDC, 18MA,	
410	0055345210	CONTROL ELEMENT		1	PC	11,800 G			
420	X00E50209553	PLUG-IN BOARD	IDB4-01/B	1	PC	505 G		IDB4-01/B	
430	X00E50201870	CABLE	LOP-ECS	1	PC	40,200 G	M	L=620MM	
440	5295307212	PLUG-IN BOARD	MEM 5-02	1	PC			MEM5-02	
450	0005325752	BATTERY	RENATA CR2477N	1	PC			D=25,4X7,7, KNOPFZELLE_3V,	
460	0015341801	PUSHBUTTON	MCS-5	20	PC				
470	0005335980	GASKET		2	PC			T=0,5 MM	
480	0015331031	FLAP	KDQ	1	PC			27X27 INCL. 2 DICHTUNGEN	
490	0005330470	SCREW	M4X8	5	PC	0,520 G		M 4X8 AEHNLICH DIN 7985	
500	0005330170	SCREW	M3X8	2	PC			M 3X8 AEHNLICH DIN 7985	
510	X00E50201864	SPACER	M4	2	PC	1 G		M4 L=75MM	
520	707000000087	COUNTERSUNK HD SCREW		4	PC	0,400 G		M3 X 8	MBN10321
530	000000001393	COUNTERSUNK HD SCREW		5	PC	1 G		M 4 X 8	DIN965
540	0015334741	SPACER	M4-187X14 PA6	3	PC			INNEN (2X) M4, L=14	
550	0015335041	SPACER		2	PC			INNEN (2X) M4, L=37,5	
560	X00011222	SPACER		2	PC	20 G		INNEN (2X) M3, L=55,8	
570	X00038628	BRACKET	TS35-SCHRAUBBAR	2	PC	38 G		ENDWINKEL SCHRAUBBAR-56X63X12,2	
580	0065319481	TERMINAL	26POL.	1	PC			81X64X28, 26POLIG,MAX_1A_LAST,	
590	0005336780	GASKET		2	PC	4,500 G			
600	0015334841	SPACER		1	PC			D-INNEN 4,2 / D-AUSSEN 8	
610	X00E50208942	DISPLAY	LCD-TFT 5,7" PRIME VIEW	1	PC			5,7"/145MM, 320X240-RGB-DOTS,	
614		SOFTWARE	DIS LOADER; V_1; ED_7_01	1	PC		KE	VAR_1\ED_7.01	
620	5105332940	RETAINER		1	PC	43 G		145X136X3	
630	X00E50201863	SPACER	M4	1	PC			M4 A=17,5	

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
640	X00015360	HEAT-CONDUCTING FOIL	CCU	1	PC			100X100X9 - EINSEITIG KLEBEND	
650	0005333476	WASHER		1	PC			LOCHDURCHM 3,6, 19X24X0,18	
660	200084003102	SCREW		1	PC	1 G		M 3 X 12	DIN84
670	5005300326	DIODE W/CONNECT HARDWARE		1	PC			L=600MM,3X2,5QMM, ROT,	
680	0015310082	QUICK-CATCH CLAMP BLACK		6	PC			LAENGE KABELBINDER 150, B	
690	0045318081	TERMINAL	249	2	PC			B = 10 MM	
700	0015318702	RESISTOR	MK2_121R	5	PC	0,100 G		TK50 1% 0,4W	
710	0035315781	INSTALL ACCESSORIES	QUERBRUECKER 280	31	PC			QUERBRÜCKER ISOLIERT GRAU	
720	0055316181	TERMINAL BLOCK	280	1	PC			3-STOCK, PA6.6,	
730	0055316081	TERMINAL BLOCK	PA6.6	70	PC			0,08 - 2,5 QMM, 20A, 5MM	
770	910001003103	RIVET		1	PC	0,900 G		AK 3,2X 10,67	N10001
780	0005334441	SPACER SLEEVE		2	PC				
790	000125004317	WASHER		6	PC	0,330 G		A 4,3	DIN125
800	000934004013	NUT HEX S2000/4000		2	PC			M 4	DIN934
810	5295305612	PLUG-IN BOARD	COB 9-01/A	1	PC				
820	X00012104	CASSETTE	SAM / SLOT 1	1	PC	16,200 G		SLOT 1 - UNBESTÜCKT	
830	X00032538	CASSETTE	SAM / SLOT 2	1	PC	49 G		SLOT 2 - BESTUECKT MIT CCB 2-XX	
840	X00012108	CASSETTE	SAM / SLOT 3	1	PC			SLOT 3 - UNBESTÜCKT	
850	B00E50202739	HOUSING WITHOUT INTERLOCK	SAM1-06	1	PC	1,347 G			
860	0005330670	SCREW	M4X6	26	PC	0,520 G		M 4X6 AEHNLICH DIN 7985	
870	X00012176	CABLE W/MALE CONNECTOR	CIB 2-REIHIG	2	PC			2X12POL,STECK: 1XMOLEX,1XWAGO	
880	B00E50201056	CONNECTOR KIT	LOP 10	1	PC	212,600 G			
890	X00E50205995	PLUG-IN BOARD	CIB 4-03	1	PC	796 G	AB	CIB 4-03	
900	X00012186	CABLE W/MALE CONNECTOR	CIB CAN	1	PC	38 G		1X9POL; STECK:1XWEIDM; 3XWAGO	
920	X00E50205312	CONNECTING CABLE W/MALE CONNECTOR	SAM / CIB4	1	PC	44 G		DOPPEL-Y-KABEL - 4 STECKER	
930	000912004004	SCREW		4	PC	2,490 G		M 4 X 20	DIN912
935	X00E50205464	CABLE W/MALE CONNECTOR	CIB,2-REIHIG	1	PC	45 G		2X12POL	
940		LABELLING KIT	LOP M8	1	PC	50 G	KE	25X12,5	
990	X00005664	TERMINAL	12POL.	1	PC		AB	12-POL;2 RASTHAKEN, BEDRUCKT X1	
1000	X00005678	TERMINAL	12POL.	1	PC	9 G	AB	12-POL;2 RASTHAKEN, BEDRUCKT X10	
1010	X00005679	TERMINAL	12POL.	1	PC		AB	12-POL;2 RASTHAKEN BEDRUCKT X11	
1020	X00005759	TERMINAL	12POL.	1	PC	9,200 G	AB	12-POL,2 RASTHAKEN BEDRUCKT X21	
1030	X00005762	TERMINAL	12POL.	1	PC		AB	12-POL;2 RASTHAKEN BEDRUCKT X22	
1040	X00005763	TERMINAL	16POL.	1	PC	12,200 G		16-POL,2 RASTHAKEN BEDRUCKT X23	
1050	X00E50203870	CONNECTING CABLE FOR CONTROL UNIT	SAM / X2	1	PC	18,400 G	AB	75MM (SAM/X2)	
1060	0075317180	CABLE	H05Z-K 0,5	6	M			0,5 QMM ROT	
1070	0075316880	CABLE	H05Z-K 0,5	8	M			0,5 QMM SCHWARZ	
1080	0075317780	CABLE	H05Z-K 0,5	8	M			0,5 QMM WEISS	
1090	0075317080	CABLE	H05Z-K 0,5	5	M			0,5 QMM BRAUN	
1100	0075317380	CABLE	H05Z-K 0,5	20	M			0,5 QMM VIOLETT	
1103	0075310780	CABLE	2XAWG20	2	M	25 G		2XAWG20,SW/WS	
1104	0075310680	CABLE	3XAWG20	3	M			3XAWG20,SW/BR/WS	

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
1110	41814	PE-FLAT POUCH IMPRINTED SERIES		2	PC	8 G		180X270X0,1 MM	
1120	X00015074	CABLE GROMMET FOR CABLE ENTRY	CCU	7	PC	8 G		KLEMMENBEREICH 8-9	
1130	X00E50200854	CABLE GROMMET FOR CABLE ENTRY	CCU	7	PC	7 G		KLEMMENBEREICH 10-11MM	
1140	X00028180	CABLE GROMMET FOR CABLE ENTRY	CCU	10	PC	6,600 G		KLEMMENBEREICH 12-13MM	
1150	X00015078	CABLE GROMMET FOR CABLE ENTRY	CCU	10	PC	5,200 G		KLEMMENBEREICH 14-15	
1160	0035314381	CABLE CLAMP		2	PC	0,500 G		L= 150MM, B= 3,6MM	
1170		SEPARABLE CONNECTOR	723/12 POL.	1	PC		KE	PIN-STECKER,12POL	
1180	0045314981	TERMINAL FOR CONTROL UNIT	249	2	PC			LEITUNGSBRÜCKER 110 MM	
1200	0035315081	QUICK-CATCH CLAMP	T18HS_102X2,5MM	5	PC	5 G		L	
1210	0005337543	PIPE	NN10	0,500	M	7,900 G	AB	GEFLECHTSSCHLAUCH 7-12 MM	
1230	X00E50206318	DAMPER PLATE	DAEMPFERPLATTE FUER AE1050	1	PC	4,698 KG		490X490X51	
1240	00000003001	HEX SCREW		4	PC	12 G		M 8 X 20	ISO4017
1250	200125008400	WASHER		4	PC	1,500 G		A 8,4	DIN125
1270		CABLE W/MALE CONNECTOR	LOP 10	1	PC	58 G	KE		

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
120		SWITCHGEAR CABINET FOR ELECTRONICS	AE 1050.009	1	PC	11,920 KG	KE	500X500X210	
130	207985004106	OVAL-HEAD SCREW		2	PC			M 4 X 10	DIN7985
140	0005330732	HANDLE		1	PC			A=88, H=32, D=8	
150	X00E50200063	PRESS-IN NUT		1	PC			SP-M3-1	
160	0005331374	THREADED PIN	M4X15	2	PC	10 G		M4X15	
170		PRESS-IN NUT	M5	6	PC	10 G	KE	CLSS-M5-1	
180	210642005000	COUNTERSUNK HD SCREW W. INTERNAL HEX.		3	PC	2 G		M 5 X 12	ISO10642
190	200125006400	WASHER		2	PC	0,700 G		A 6,4	DIN125
200	X00E50205584	BRACKET	GASDAEMFERW. F. EINPRESSBOLZEN	1	PC	70 G		UB	
210	207985005103	OVAL-HEAD SCREW		2	PC	2,600 G		M 5 X 8	DIN7985
220		BRACKET	EDELSTAHL	1	PC			KE BLECH3 DIN1542	
230	000934005024	NUT HEX		21	PC	1,060 G		M 5	DIN934
240	206797005200	TOOTHED WASHER J5.3		2	PC	0,240 G		J 5,3	DIN6797
250	0019803164	SPRING		1	PC	103 G		WINKELBEFESTIGUNG	
260	000934006034	HEX NUT		1	PC	2,220 G		M 6	DIN934
270	000000003003	HEX SCREW		1	PC			M 8 X 30	ISO4017
280	X00036732	WASHER		2	PC	2,200 G		M8	
290		THREADED PIN	FHS-M5-12	2	PC	1,500 G	KE	M5X12	
300	X00036731	WASHER		1	PC			M6	
310	200125008400	WASHER		6	PC	1,500 G		A 8,4	DIN125
320	000934008039	NUT HEX		2	PC	5 G		M 8	DIN934
330	X00019110	PRESS-IN BUSHING	BSOS M4-12	26	PC			EINPRESS-GEWINDEBUCHSE M4X12	
340		PRESS-IN NUT		4	PC			KE CLS-M6-1	
350		SUPPORT RAIL	TS35X7,5	1	PC	126,300 G	KE	L=385MM	
360	910001004102	RIVET		8	PC			AK 4 X 9,45	N10001
370	0005330974	THREADED PIN		17	PC			M5X15	
380		LIGHT CONDUCTOR FOR DISPLAY UNIT	FUER DIS13	1	PC	5 G	KE	10X36.8	
390	5115330934	RAIL	115LG	1	PC			HUTSCHIENE 2 BOHRUNGEN 4,5	
400	200125004301	WASHER		8	PC	0,320 G		A 4,3	DIN125
410	000000003183	HEX NUT		6	PC	0,800 G		M 4	ISO4032
420	X00019117	THREADED PIN	FHS-M4-8	2	PC			M4X8	
430	X00E50201023	FOIL FOR SCREEN		2	PC	5,600 G		135X105X0,15	
440	5105360091	INDICATR ACCESSORIES		1	PC	66 G		105X135X2/SCHIEBE	
450	X00E50201777	THREADED PIN	M4-12	5	PC	20 G		M4-12	
460	X00E50201778	THREADED PIN	M4X30	1	PC			M4 X 30	
470	0005330574	THREADED PIN	FHS M3-10	2	PC			M3 X 10	
480	X00E50201845	FRAME	PA66/SCHWARZ	1	PC	35 G		169X130X3	
500	X00E50207411	PLATE FOR GROUND CONNECT.	ERDUNGSSCHILD	3	PC	3 G		13X13	
510	200125005300	WASHER		19	PC	0,430 G		A 5,3	DIN125
511	000000002645	HEX SCREW		1	PC	5,300 G		M 6 X 16	ISO4017
513		GROUND STRAP	MASSEBAND	1	PC	107 G	KE	A2VZ16VZ-06080808-200150120	
520	0015411583310833	SHEET METAL		0,100	M2			2 X1000X2000	EN10131
530	2015421583310001	SHEET METAL		0,350	M2			3A X1000X2000 S	EN10029
540	X00E50208445	PRESS-IN BUSHING	BSOS_M5-18	3	PC			M5X18 (BSOS)	

PLUG-IN BOARD



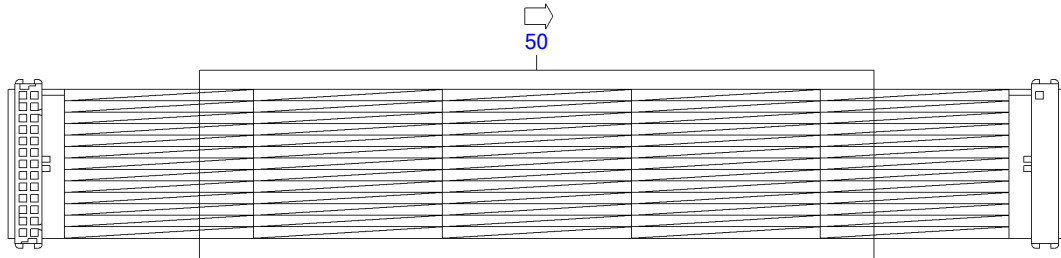
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
50	X00E50203036	LED	LES_GE_5MM	20	PC	0,200 G		D=5MM,L=9MM,LEUCHTFARBE=GELB,
60	X00E50202542	INTEGRATED CIRCUIT	CPU-X270LCD	1	PC		AB	DIL-128; RECHNER KOMPLETT;
270	0105313080	CABLE	ADAPT SYSTEM 310	2	PC			RM2,54;ISOLATIONSLAENGE
310	0105312980	CABLE	33ADR.	1	PC			RM0,5, LAENGE
320	0005311981	QUICK-CATCH CLAMP	TYH/TYB 23M	2	PC	0,200 G		92X2,4X1,0MM D=2-16MM
360	0005311439	LED YELLOW	T5,5K 6-MLED 24V YE	14	PC			T5,5K, 24VDC,
370	0005311339	LED GREEN	T5,5K 6-MLED 24V GN	5	PC			T5,5K, 24VDC,
380	0055316883	MALE CONNECTOR	JUMPER; 2,54MM RASTER; 3A; GN;	1	PC			JUMPER, 2,54MM RASTER, 3A, GN,

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CABLE

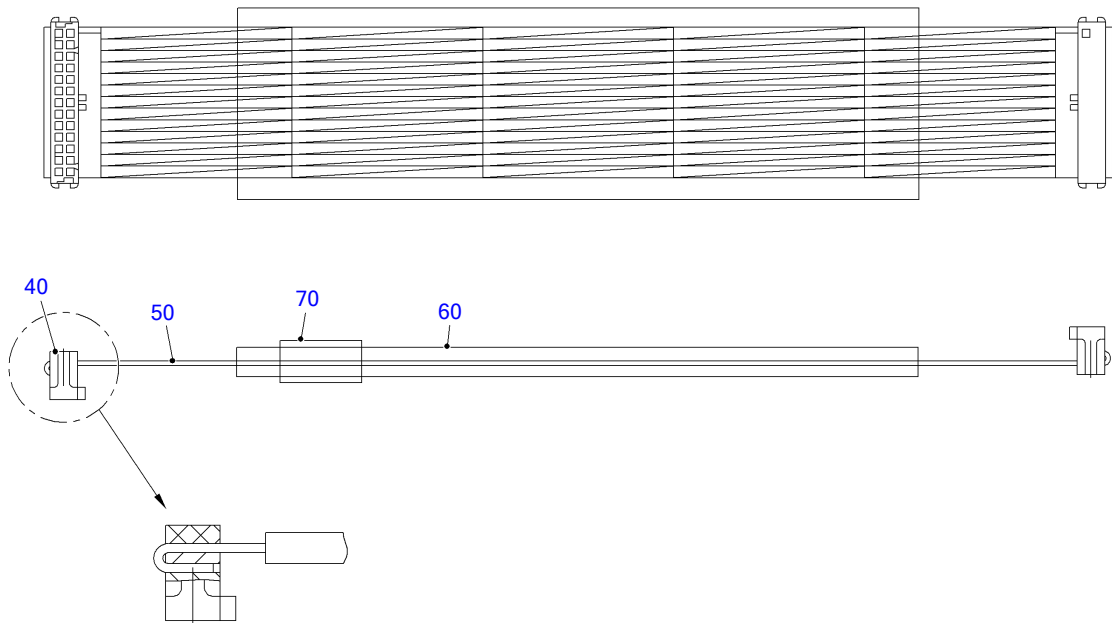
SERIAL NUMBER: 527110243

FG/FGS:
BOM-No.: X00E50201870



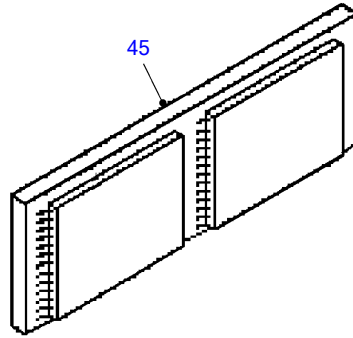
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POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
50	X00E50201869	CABLE	1	PC	200 G	M	L=620MM



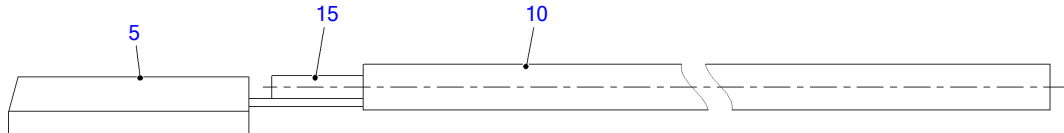
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POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	FN	MEASUREMENT
40	0135311283	BLADE CONNECTOR	26 POL.	2	PC		OFFENES OBERTEIL, MIT ZUGENTL.
50	0025319080	CABLE	26ADR.	0,810	M		AWG28/26ADR./PAARW. VERDRILLT
60	50010	SHRINKABLE HOSE		0,720	M		3/8 IN
70		IDENTIFICATION PLATE	ELAT	1	PC	KE	47X135MM, BEDRUCKBAR 47X25MM



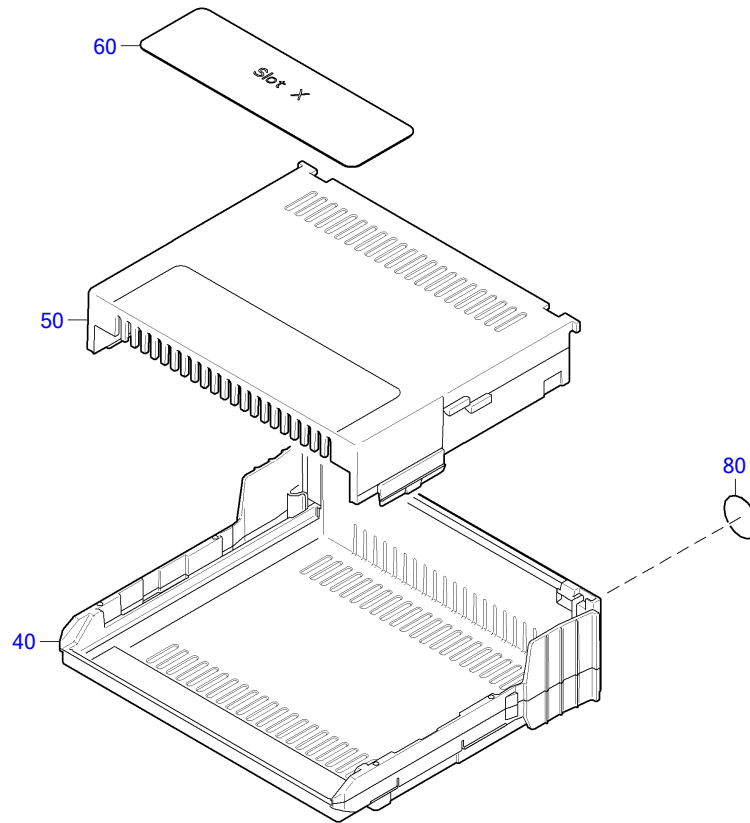
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POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT
45	5295307212/76	PLUG-IN BOARD NOT ADJUSTED	MEM 5-02	1	PC	46,100 G	MEM5-02



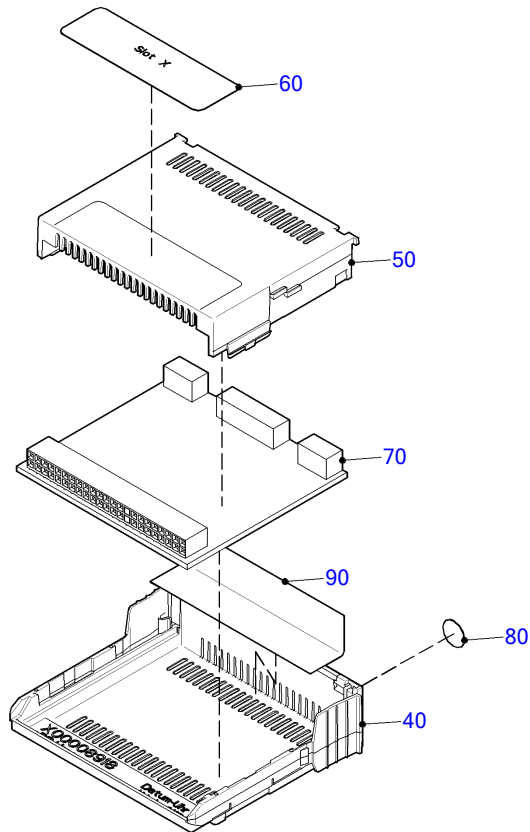
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POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	FN	MEASUREMENT	STANDARD
5	0045314940	DIODE	MBR 4060PT	1	PC		TO-247AD, 60V, 40A, SURGE400A,	
10	0085311480	CABLE	H07Z-K 2,5	1,800	M	AB	2,5 QMM ROT	VDE0282
15	0011595639	SHRINKABLE HOSE		0,060	M		3/16	



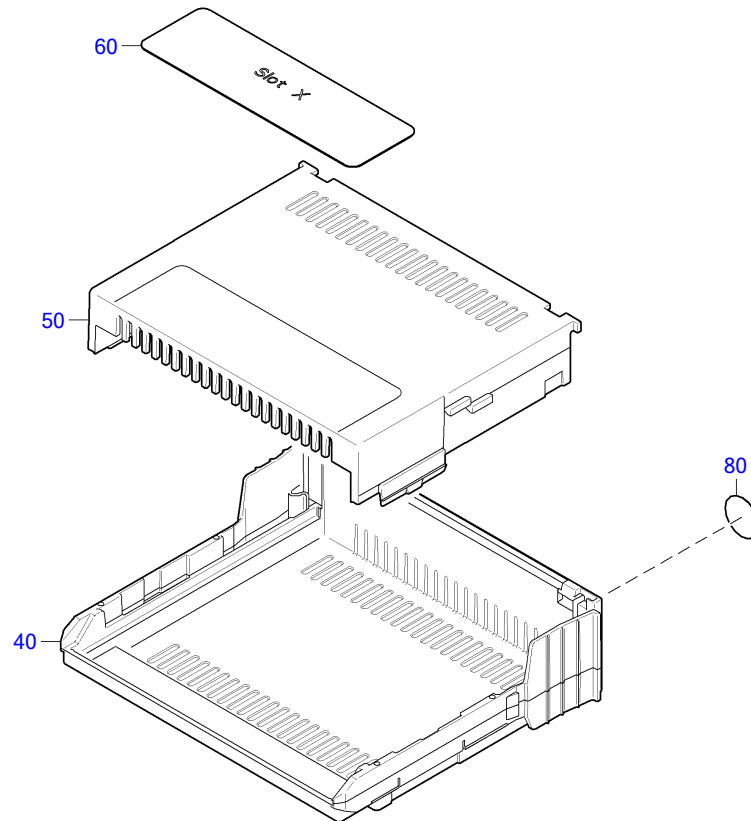
42300049a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
40	X00008918	HSG UPPER ELEM		1	PC	10 G		
50	X00008932	HOUSING LOWER SECTION	4945	1	PC	5 G		
60	X00008726	PLATE		1	PC		AB	
80	X00023907	PLATE SELF-ADHESIVE		1	PC			ESD-SCHILD/DURCHM.8MM SELBSTKLEB



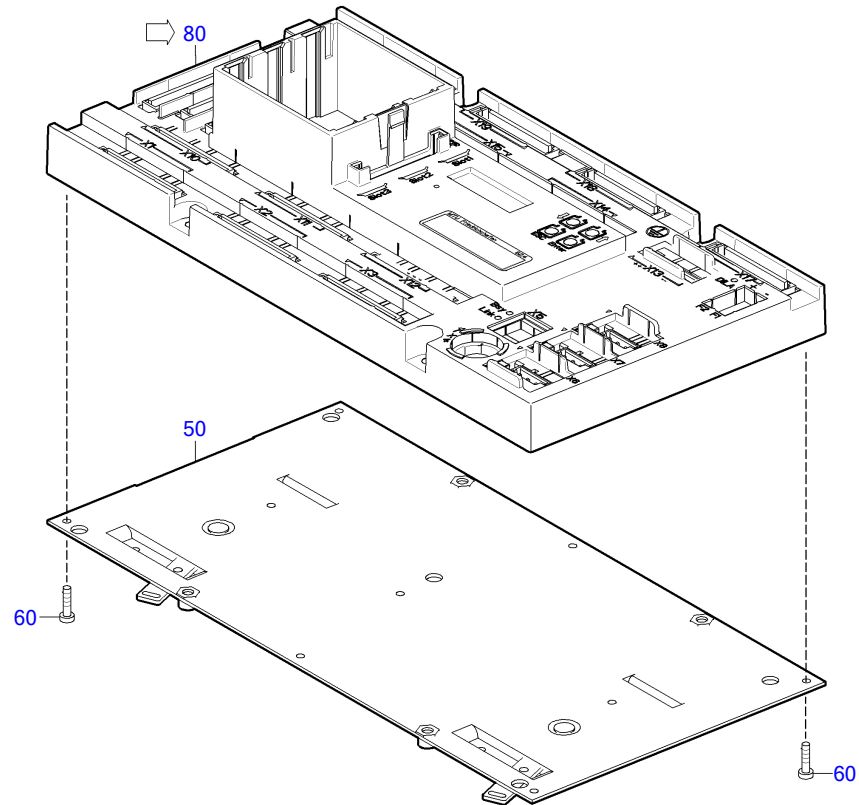
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POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
40	X00008918	HSG UPPER ELEM		1	PC	10 G		
50	X00008932	HOUSING LOWER SECTION	4945	1	PC	5 G		
60	X00008726	PLATE		1	PC		AB	
70	X00038985	PLUG-IN BOARD	CCB2-03	1	PC	35,200 G	AB	CCB 2-03
80	X00023907	PLATE SELF-ADHESIVE		1	PC			ESD-SCHILD/DURCHM.8MM SELBSTKLEB
90	X00024059	FOIL		1	PC	0,400 G		59 X 0,25



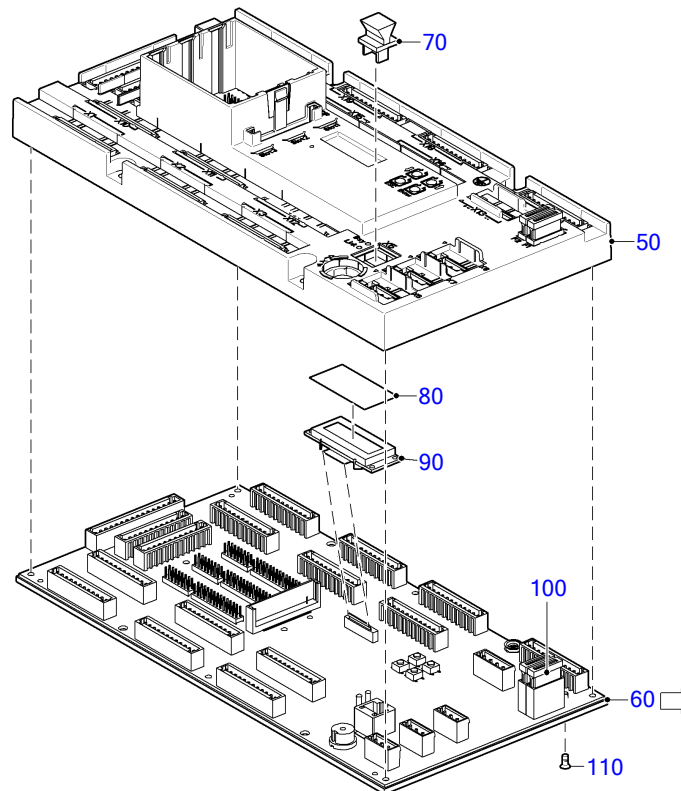
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POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
40	X00008918	HSG UPPER ELEM		1	PC	10 G		
50	X00008932	HOUSING LOWER SECTION	4945	1	PC	5 G		
60	X00008726	PLATE		1	PC		AB	
80	X00023907	PLATE SELF-ADHESIVE		1	PC			ESD-SCHILD/DURCHM.8MM SELBSTKLEB



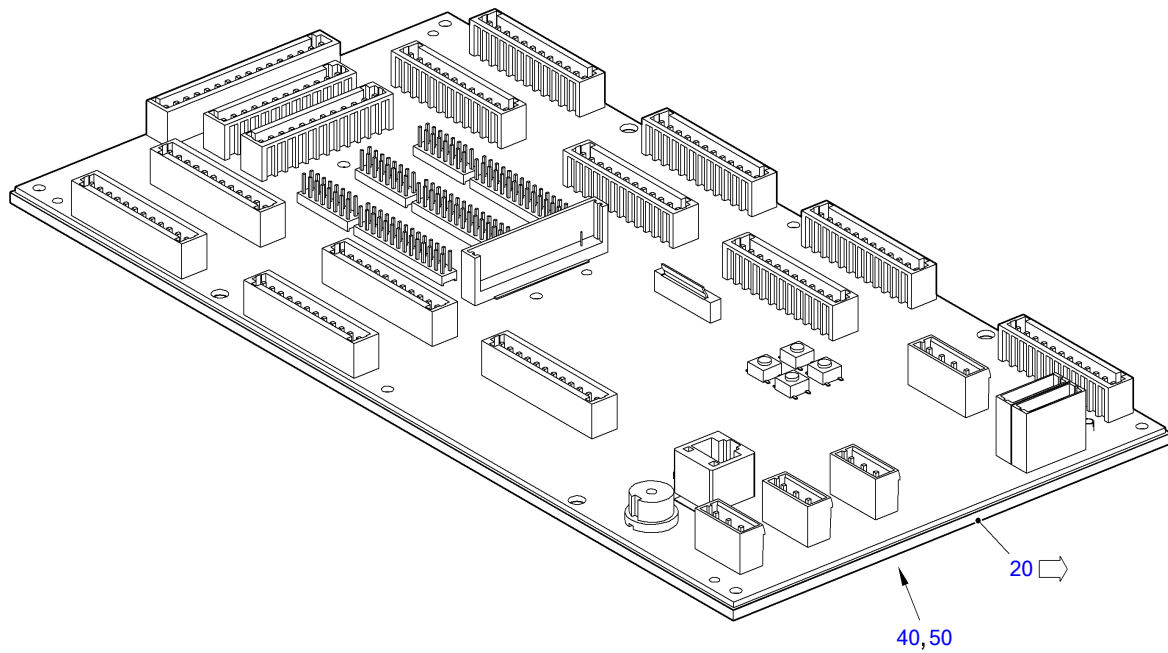
42300033a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	X00012158	PLATE	SAM 1-01	1	PC	508,400 G	PLATTE O.OEFF, 291,6X147,6X1,5MM	
60	00000003643	SLOT PAN-HEAD SCREW		9	PC	0,700 G	3 X 12	MBN10266
80	B00E50202738	HOUSING WITHOUT BASE PLATE	SAM1-06	1	PC			



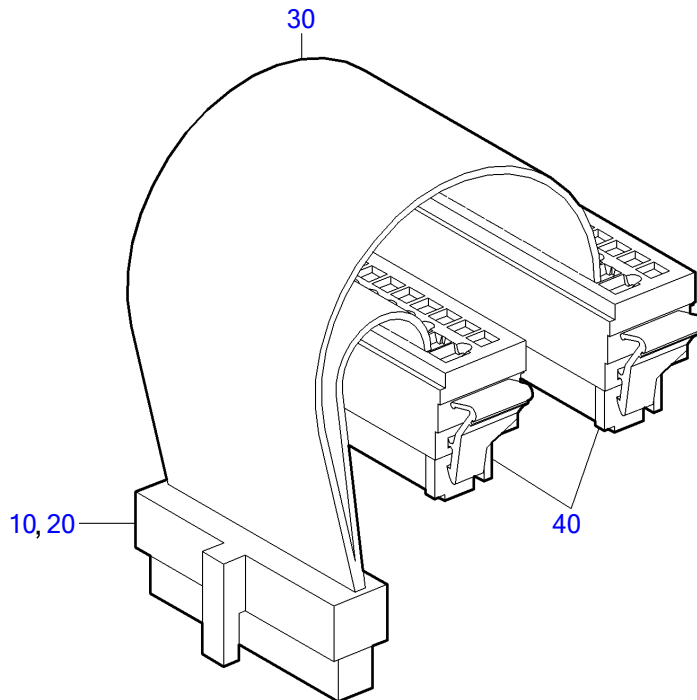
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POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	X00E50208087	COVER	SAM1-0X	1	PC		295X151X51.7	
60	X00E50207661/S0001	PLUG-IN BOARD	SAB2-04	1	PC		SAB2-04 (4MB RAM)	
70	0015337831	CAP	RJ45	1	PC	3 G	F. STECKDOSE RJ45	
80	X00008734	WASHER		1	PC	0,200 KG	43,5 X 21,5 X 0,25	
90	0005384275	DISPLAY	LCD 2X16 ZEICHEN	1	PC	13,200 G	54X21X9, LCD_2X16_ZEICHEN,	
100	0015319186	FUSE	FK2 15,0A_KFZ	2	PC		FK2 KFZ-SICHERUNG	
110	207500003003	SCREW		1	PC	0,100 G	CE M 3 X 5 - Z	DIN7500



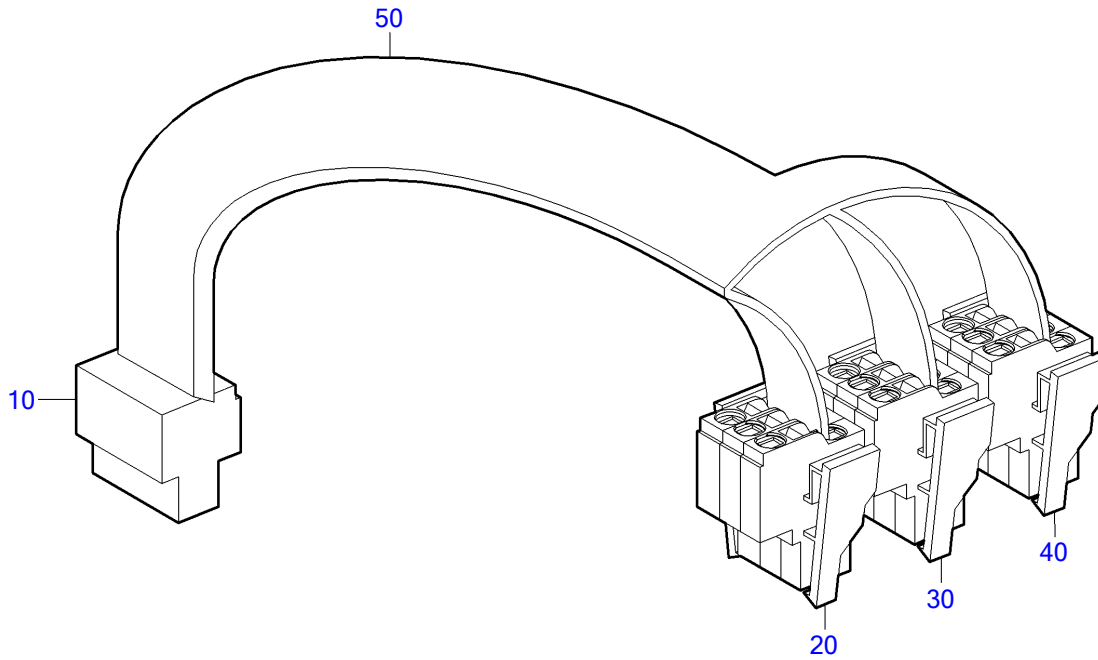
42300050a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
20	X00E50207661	PLUG-IN BOARD	SAB2-04	1	PC	612 G	AB	SAB2-04
40		SOFTWARE	SW_SAM FIRMW. 4_00	1	PC		KE	SW_SAM_FIRMW\VAR_1\ED_4_00
50		SOFTWARE	SW_SAB2-01_URLADER_1_00	1	PC		KE	SW_SAB2-01_URLADER_1_00



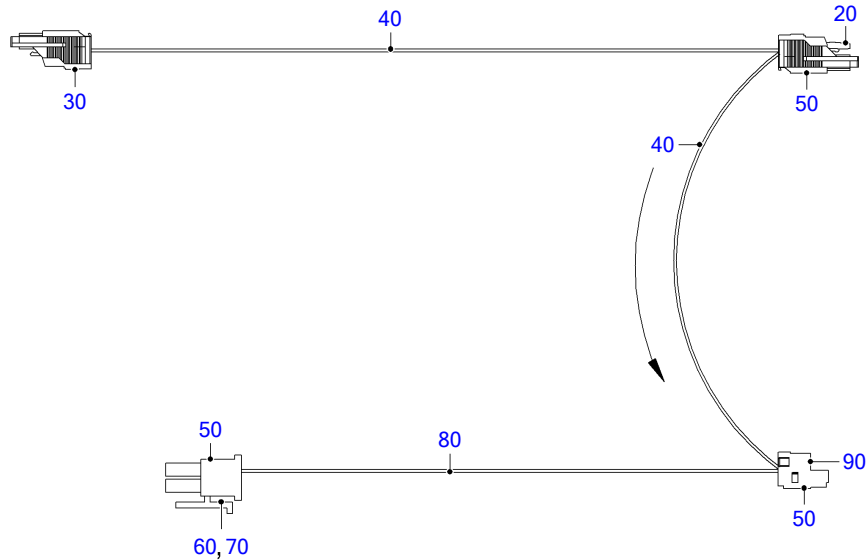
51700501a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	FN	MEASUREMENT
10		BLADE CONNECTOR	2X12 POL.	1	PC	KE	36,9X7X14; RM=3MM; 24POL.;
20		BLADE CONNECTOR	AWG20-24	24	PC	KE	AWG20-24; 5A; 250V; 0,01OHM;
30	0075317780	CABLE	H05Z-K 0,5	3	M		0,5 QMM WEISS
40	0075310581	TERMINAL	12POL.	2	PC	AB	54X13,5X18,6, 12POL, 2KLINKEN,



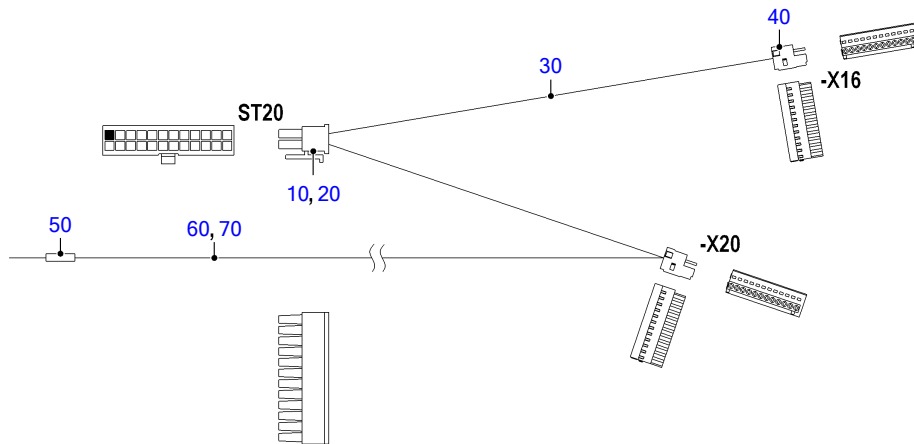
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POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
10	0065314481	SEPARABLE CONNECTOR	B2L3.5 14POL.	1	PC			32X15,6X20,6, 2X7P., 125V/7,5A
20	X00005768	TERMINAL	12POL.	1	PC	20 G	AB	2X3-POL, 2 RASTHACKEN, BEDRUCKT,
30	X00005770	TERMINAL	12POL.	1	PC	20 G	AB	2X3-POL, 2 RASTHACKEN, BEDRUCKT,
40	X00005772	TERMINAL	12POL.	1	PC	20 G	AB	2X3-POL; 2 RASTHACKEN, BEDRUCKT,
50	0075317780	CABLE	H05Z-K 0,5	2	M			0,5 QMM WEISS



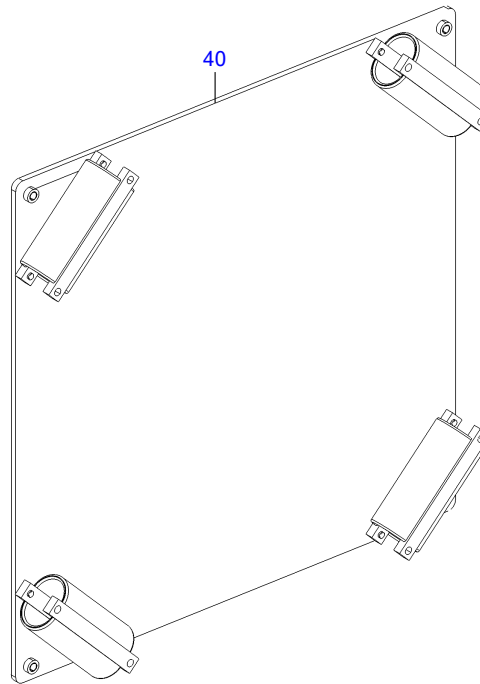
50702804

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
20	0065312081	TERMINAL	STECKTEIL 4POL.-250V/16A	1	PC			38X14,5X30, 4POL., 250V/16A,	
30	X00005775	TERMINAL	STECKTEIL 4POL.250V/16A	1	PC	8,800 G	AB	4-POL,2 RASTHACKEN,BEDRUCKT,CODI	
40	0075319980	CABLE	H05Z-K 1,0	1	M		AB	1,0 QMM WEISS	VDE0282
50	X00E50209110	PLATE F.CONDUCTOR MARKING		3	PC			40X12MM	
60		BLADE CONNECTOR	2X12 POL.	1	PC		KE	36,9X7X14; RM=3MM; 24POL.;	
70		BLADE CONNECTOR	AWG20-24	12	PC		KE	AWG20-24; 5A; 250V; 0,01OHM;	
80	0075317780	CABLE	H05Z-K 0,5	1,500	M			0,5 QMM WEISS	
90	0075310581	TERMINAL	12POL.	1	PC		AB	54X13,5X18,6, 12POL, 2KLINKEN,	



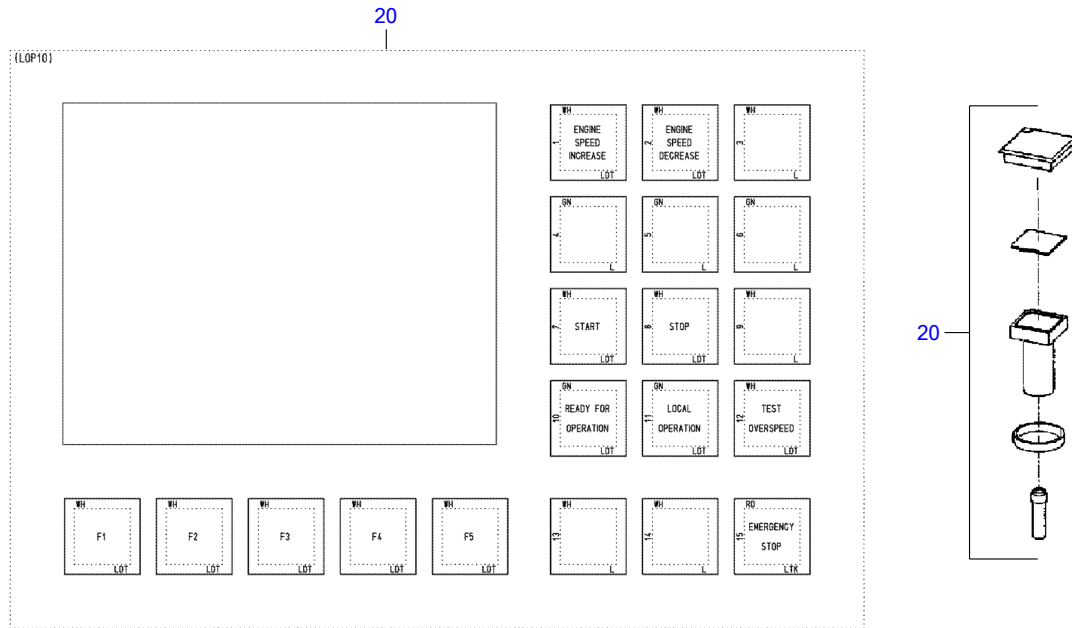
50702805

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	FN	MEASUREMENT
10		BLADE CONNECTOR	2X12 POL.	1	PC	KE	36,9X7X14; RM=3MM; 24POL.;
20		BLADE CONNECTOR	AWG20-24	24	PC	KE	AWG20-24; 5A; 250V; 0,01OHM;
30	0075317780	CABLE	H05Z-K 0,5	3	M		0,5 QMM WEISS
40	0075310581	TERMINAL	12POL.	2	PC	AB	54X13,5X18,6, 12POL, 2KLINKEN,
50	X00E50209110	PLATE F.CONDUCTOR MARKING		1	PC		40X12MM
60	0075317180	CABLE	H05Z-K 0,5	0,900	M		0,5 QMM ROT
70	0075317080	CABLE	H05Z-K 0,5	0,900	M		0,5 QMM BRAUN



50702807

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	FN	MEASUREMENT
40	X00E50206317	DAMPER PLATE	DAEMPFERPLATTE FUER AE1050	1	PC	MN	490X490X51



51701024

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN
20	0015342401	CONTACT BLOCK	MCS-5	20	PC	0,200 G	MN

EQUIPMENT TYPE

PRODUCT TYPE
SERIAL NUMBER

Engine

16V4000M23S
527110276

FG	FG DESIGNATION
004	LABELS AND AUXILIARY MATERIALS
010	CRANKCASE AND ATTACHMENTS
011	CRANKCASE
014	OIL PAN
015	ENGINE MOUNTING
016	END HOUSING, DRIVING END AND FREE END
018	CRANKCASE BREATHER
024	GEARCASE, AUX PTO END
030	RUNNING GEAR
031	CRANKSHAFT WITH BEARINGS
032	CRANKSHAFT, PTO ON DRIVING END
035	CRANKSHAFT, PTO ON AUX PTO END
036	TRANSPORT LOCK/LOCK FOR CRANKSHAFT
037	PISTON
038	CONNECTING ROD
041	CYLINDER HEAD
051	CAMSHAFT
055	VALVE DRIVE
073	INJECTION PUMP / HP PUMP
075	FUEL INJECTOR
077	INJECTION LINE / HP FUEL LINE
080	L.P. FUEL SYSTEM; (ALSO GAS ENGINES)
081	FUEL PIPEWORK BEFORE DELIVERY PUMP
083	FUEL FILTER
087	LEAK-OFF FUEL MONITORING
100	TURBOCHARGING (EXHAUST TURBOCHARGER / COMPRESSOR)
111	CHARGE AIR COOLING, GENERAL, LEFT SIDE
120	AIR SYSTEM / AIR DUCTING
121	AIR FILTER
122	AIR INTAKE SILENCER
124	AIR SUPPLY TO CYLINDERS
140	EXHAUST SYSTEM
141	EXHAUST SYSTEM AFTER CYLINDER HEAD
143	CARRIER HOUSING
145	EXHAUST SYSTEM AFTER TURBOCHARGER
146	EXHAUST DUCTING AFTER ENGINE (TO END OF EXH. AFTERTREATMENT)
170	STARTING SYSTEM
172	ELECTRIC STARTING
173	AIR STARTER
180	LUBRICATING OIL SYSTEM
181	LUBE OIL PUMP AND DRIVE
183	OIL FILTRATION/COOLING
184	CRANKCASE-INTERNAL OIL SUPPLY
188	CONNECTING HARDWARE FOR ENGINE OIL SUPPLY
200	COOLANT SYSTEM
202	COOLANT CIRCUIT, GENERAL, HT CIRCUIT

FG FG DESIGNATION

- 203 LOW-TEMPERATURE CIRCUIT
- 205 COOLANT COOLER ATTACHING H/WARE
- 206 COOLANT PIPEWORK WITH THERMOSTAT
- 207 RAW WATER PUMP WITH CONNECTIONS
- 208 COOLANT EXPANSION TANK
- 230 MOUNTING / SUPPORT
- 231 ENGINE MOUNTING
- 259 AUXILIARY PTO, SIDE-MOUNTED
- 342 DRIVE SYSTEM
- 360 AUXILIARY SYSTEMS - SUPPLEMENTARY EQUIPMENT
- 362 COMPRESSED AIR SUPPLY SYSTEM
- 500 MONITORING AND CONTROL SYSTEM, GENERAL ELECTRICAL EQUIPMENT
- 507 WIRING, GENERAL, FOR ENGINE/GEARBOX/PLANT
- 508 ACCESSORIES FOR ENGINE GOVERNOR (ELECTRONIC) CONTROL SYSTEM
- 515 PRESSURE/TEMPERATURE MONITORING SYSTEMS (EXCL. EXHAUST GAS)

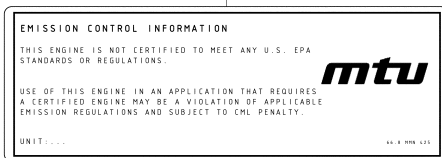
GROUP NUMBER (FG)
 GROUP NAME
 BOM-No.

PLATE
 000.00899



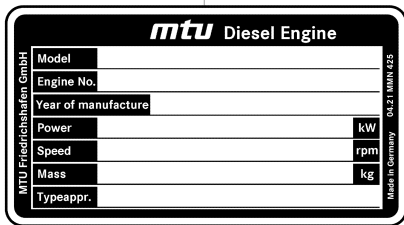
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NON-EPA LABEL
 XS524000.00019



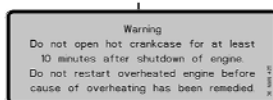
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NAMEPLATE ENGLISH
 XS524000.00097



00400160

PLACARD POS. EXPL: HAZARD
 XS524000.00104



00400167

GROUP NUMBER (FG)

GROUP NAME

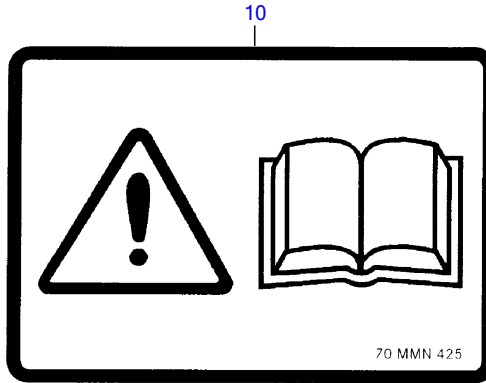
BOM-No.

PLACARD

XSD01000.00002



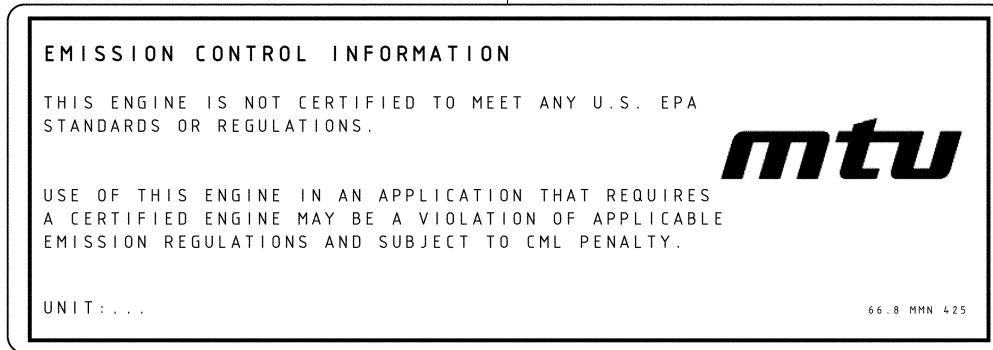
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00400053a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	MEASUREMENT	STANDARD
10	700425000155	PLATE	1	PC	70	MMN425

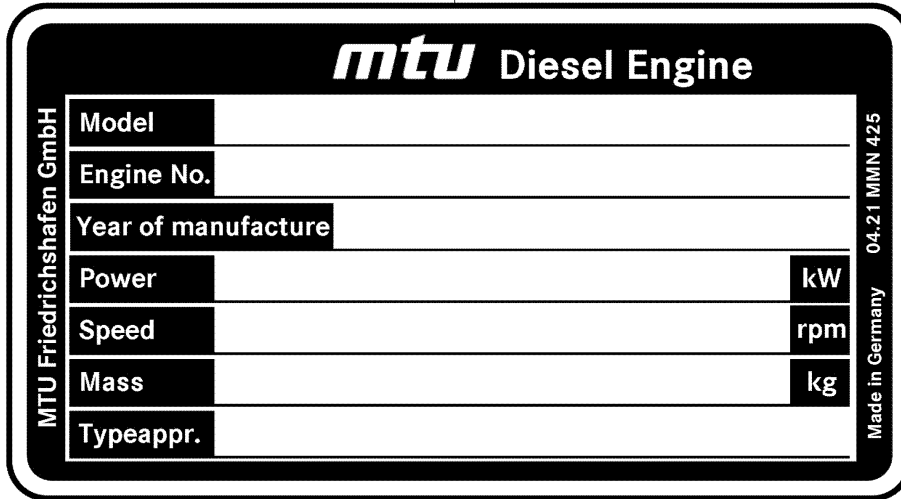
100



00400106a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	FN	MEASUREMENT	STANDARD
100	700425000182	EMI-LABEL NON-EPA	1	PC	EM	66.8	MMN425

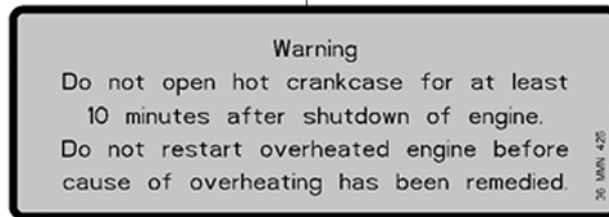
20



00400160

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
20	700425000219	NAMEPLATE FOR DIESEL ENGINE	1	PC	6,700 G	EM	04.21	MMN425

150



00400161

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
150	700425000039	PLATE	4	PC	3,100 G	36	MMN425

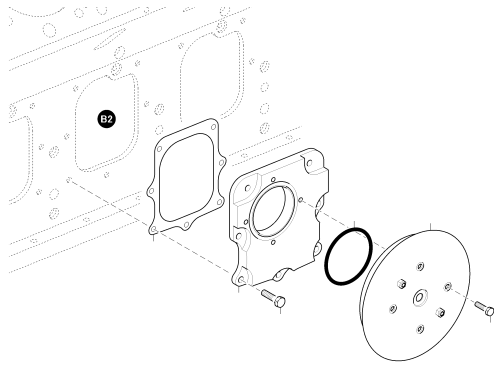
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00400157a

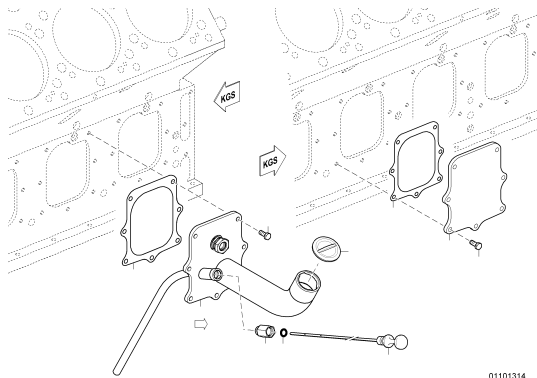
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
100	XD0000400001	PLACARD CRUSHING HAZARD	2	PC	1 G

GROUP NUMBER (FG)
GROUP NAME
BOM-No.



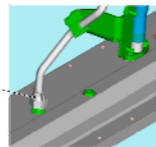
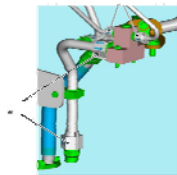
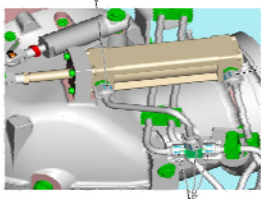
SAFETY VALVE WITH TEST CERT. 3.1
XS594010.00056

01101167a



INSPECT PORT COVER W OIL DIPSTICK, RGH
XS595010.00068

01101314



HEAT SHIELD FOR SOLAS
XS595990.00033

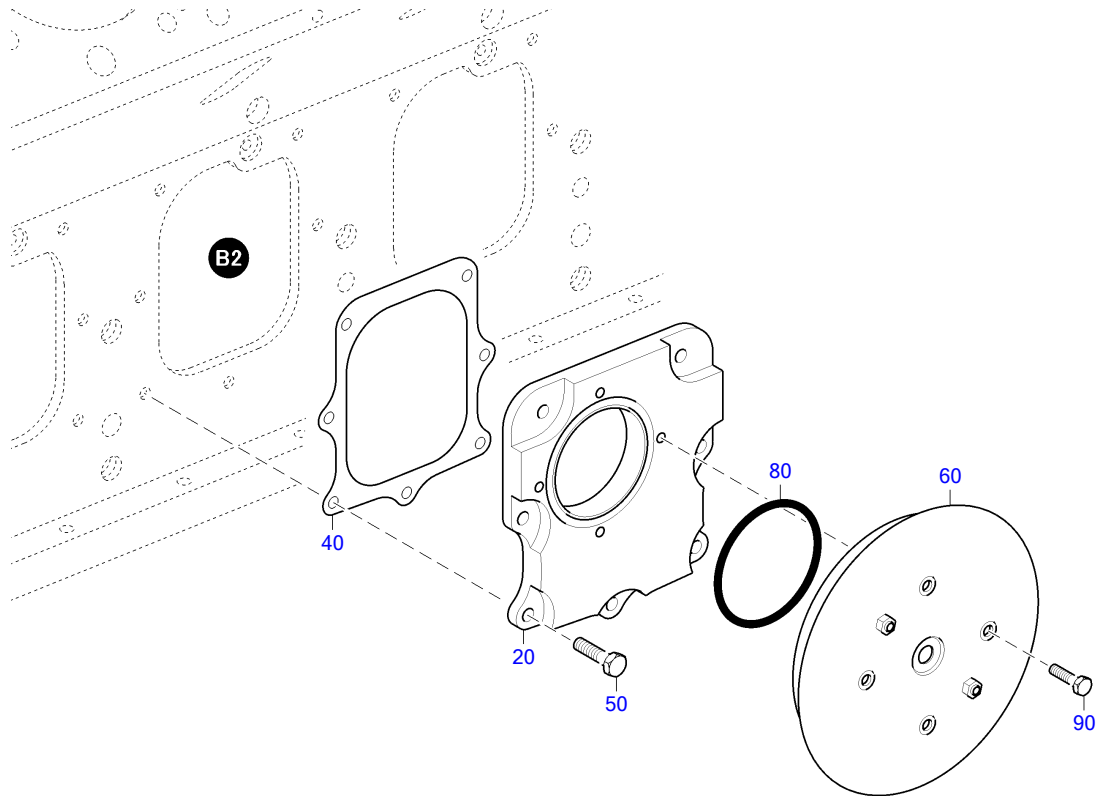
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EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
SAFETY VALVE WITH TEST CERT. 3.1

SERIAL NUMBER: 527110276

FG/FGS: 010 00
BOM-No.: XS594010.00056



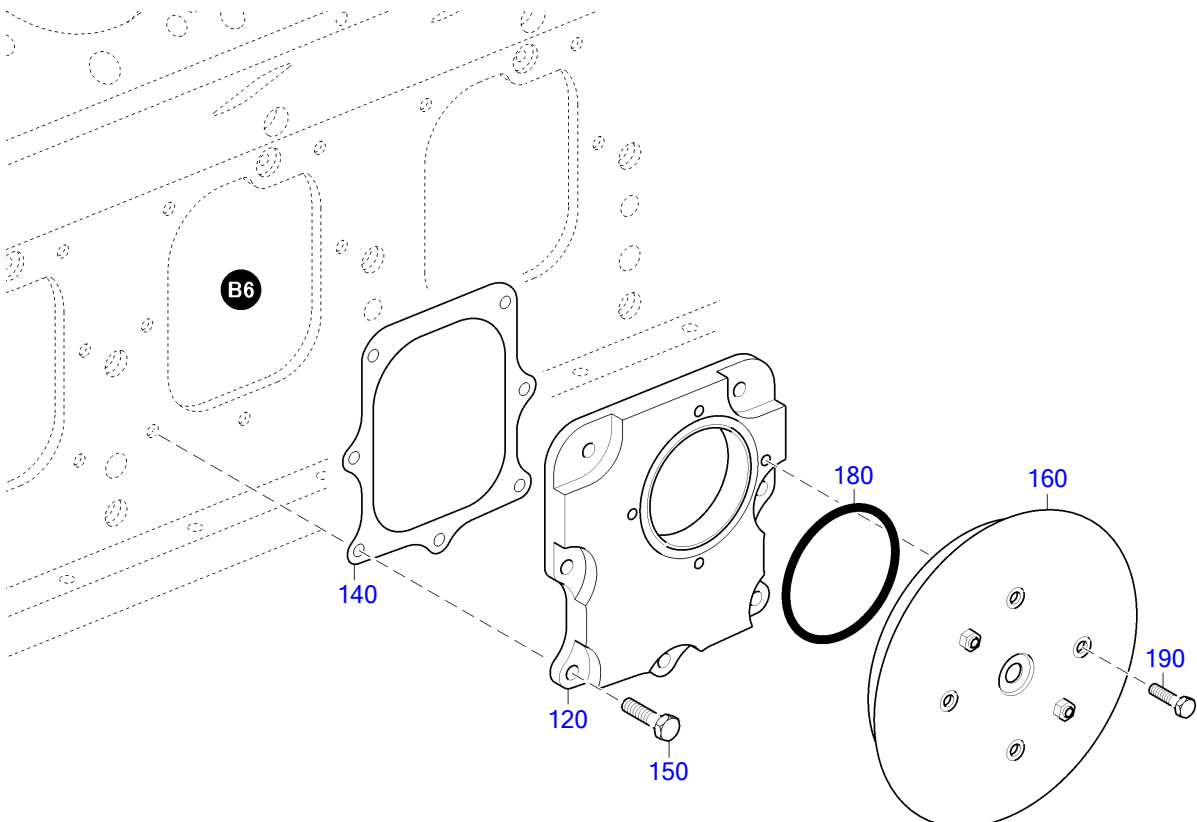
01101187a

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
SAFETY VALVE WITH TEST CERT. 3.1

SERIAL NUMBER: 527110276

FG/FGS: 010 00
BOM-No.: XS594010.00056



01101188a

EQUI TYPE: Engine

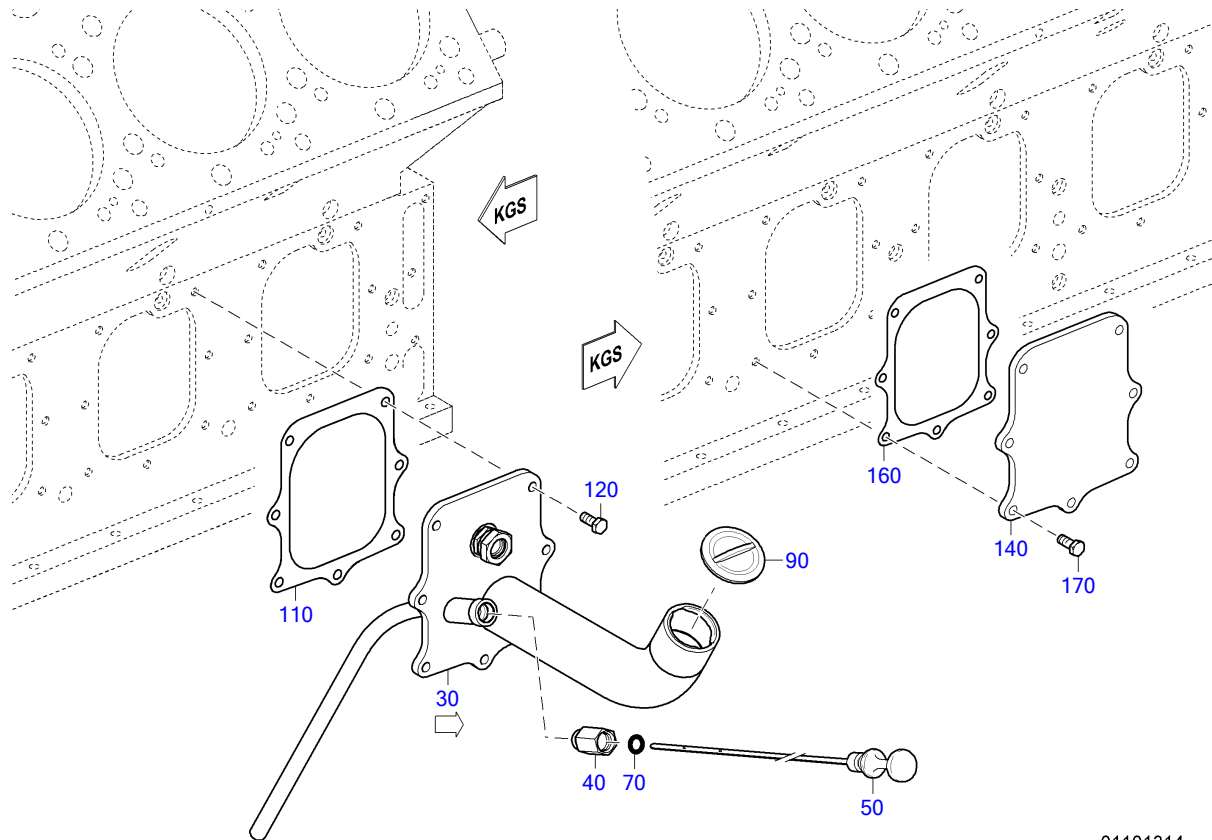
PRODUCT TYPE: 16V4000M23S
SAFETY VALVE WITH TEST CERT. 3.1

SERIAL NUMBER: 527110276

FG/FGS: 010 00

BOM-No.: XS594010.00056

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
20	X52401100005	INSPECT PORT COVER W/SAFETY VALVE	1	PC	4,667 KG		
40	5240111380	GASKET	1	PC			
50	00000003021	HEX SCREW	7	PC	23,700 G	M 10 X 25	ISO4017
60	X58401100013/87	SAFETY VALVE WITH TEST CERT. 3.1	1	PC	4,200 KG		
80	700429095004	O-RING	1	PC	13,800 G	95 X 5	MMN429
90	304017008088	BOLT HEX A3C	4	PC	23,440 G	M 8 X 55	ISO4017
120	X52401100006	INSPECT PORT COVER W/SAFETY VALVE	1	PC	4,857 KG		
140	5240111380	GASKET	1	PC			
150	00000003021	HEX SCREW	7	PC	23,700 G	M 10 X 25	ISO4017
160	X58401100013/87	SAFETY VALVE WITH TEST CERT. 3.1	1	PC	4,200 KG		
180	700429095004	O-RING	1	PC	13,800 G	95 X 5	MMN429
190	304017008088	BOLT HEX A3C	4	PC	23,440 G	M 8 X 55	ISO4017



01101314

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
30	X59401100039	INSPECT PORT COVER W/OIL FILLER NECK	1	PC	4,900 KG		
40	8800180770	CONNECTOR THREADED	1	PC			
50	5240101672	OIL DIPSTICK	1	PC	215 G		
70	700429012002	O-RING	1	PC	2,330 G	12 X 5	MMN429
90	0000181802	OIL FILL CAP	1	PC	113 G		
110	5240111380	GASKET	1	PC			
120	000000003021	HEX SCREW	7	PC	23,700 G	M 10 X 25	ISO4017
140	5240110732	COVER CYL BLOCK ACCESS PORT	1	PC	2,740 KG		
160	5240111380	GASKET	1	PC			
170	000000003021	HEX SCREW	7	PC	23,700 G	M 10 X 25	ISO4017

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
INSPECT PORT COVER W/OIL FILLER NECK

SERIAL NUMBER: 527110276

FG/FGS:

BOM-No.: X59401100039

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	X59401100026	INSPECT PORT COVER W/OIL FILLER NECK	1	PC			
150	0000180201	OIL FILLER NECK	1	PC	91,100 G		
200	5240180070	UNION	1	PC	283 G		
300	5590180165	STRAINER	1	PC	41 G		
350	007603026104	COPPER SEALING RING	1	PC	3,100 G	A 26 X 31	DIN7603
400	915013020002	SCREW NECK	1	PC	67,500 G	20 (M30X1,5/M26X1,5)	N15013
450	915005020001	CONE SEALING	1	PC	15,400 G	22	MBN15005
500	915001020003	NUT	1	PC	48 G	20 M 30 X 1,5	N15001

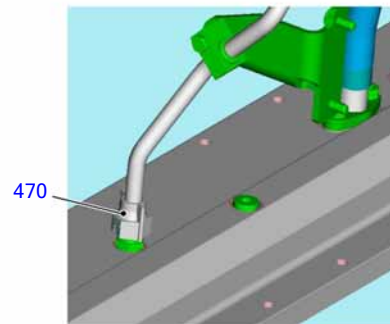
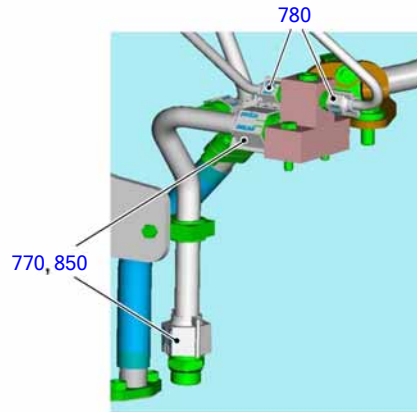
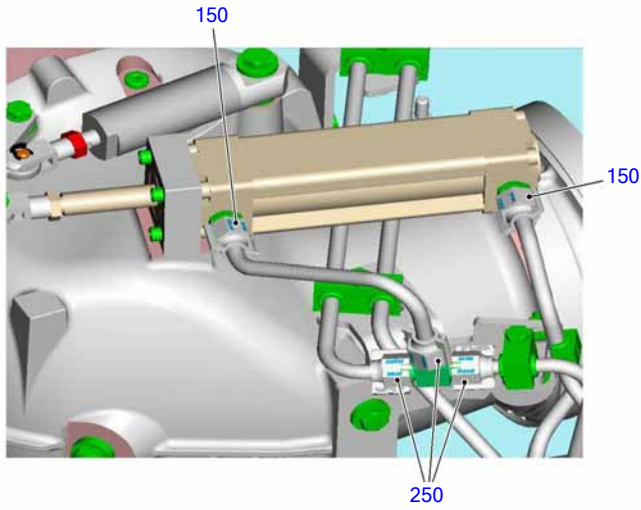
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
HEAT SHIELD FOR SOLAS

SERIAL NUMBER: 527110276

FG/FGS: 010 00

BOM-No.: XS595990.00033



01000676a

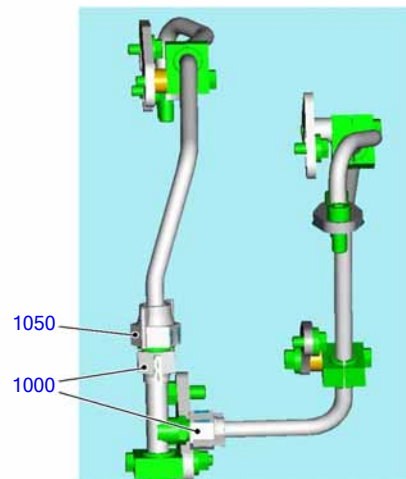
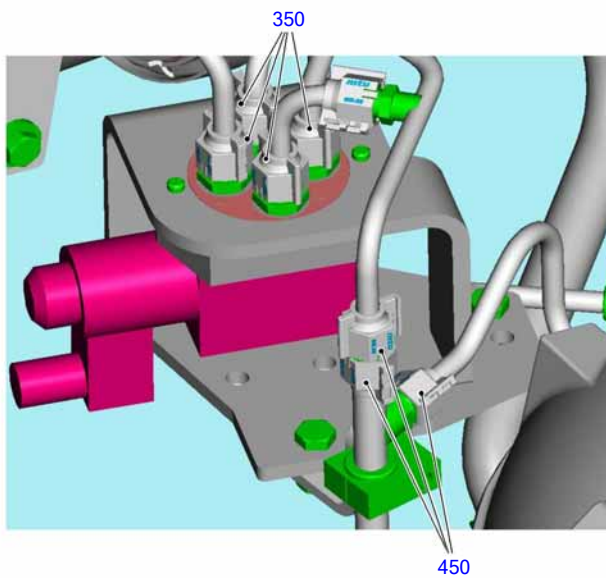
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
HEAT SHIELD FOR SOLAS

SERIAL NUMBER: 527110276

FG/FGS: 010 00

BOM-No.: XS595990.00033



01000677a

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
HEAT SHIELD FOR SOLAS

SERIAL NUMBER: 527110276

FG/FGS: 010 00

BOM-No.: XS595990.00033



01000678a

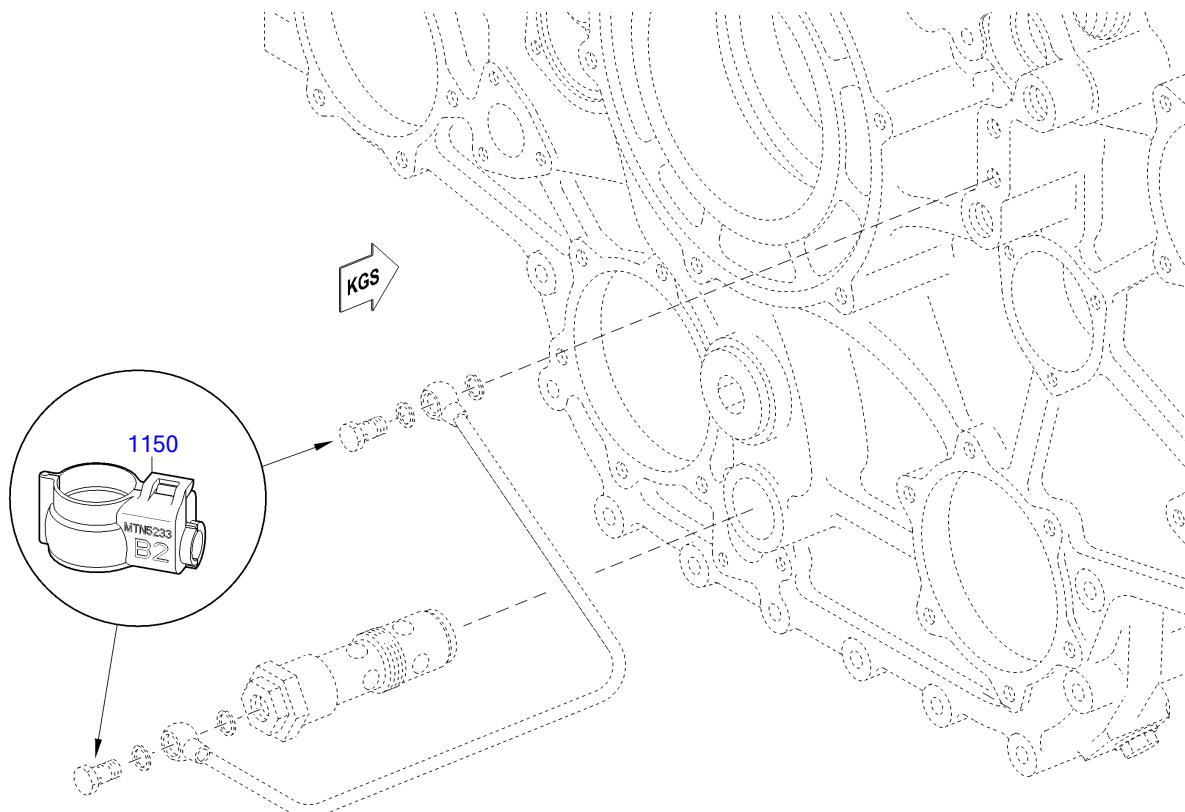
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
HEAT SHIELD FOR SOLAS

SERIAL NUMBER: 527110276

FG/FGS: 010 00

BOM-No.: XS595990.00033



00001053d

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
HEAT SHIELD FOR SOLAS

SERIAL NUMBER: 527110276

FG/FGS: 010 00

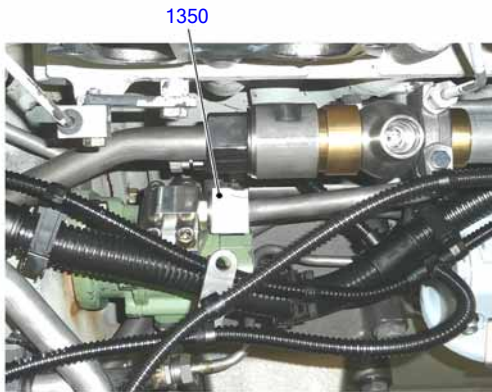
BOM-No.: XS595990.00033



1250



1400



1350



1500

01000665a

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
HEAT SHIELD FOR SOLAS

SERIAL NUMBER: 527110276

FG/FGS: 010 00

BOM-No.: XS595990.00033



1600

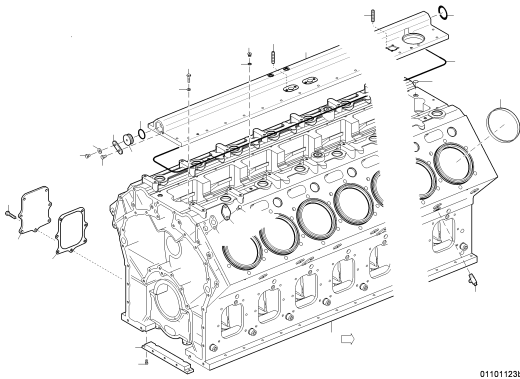


1700

01000666a

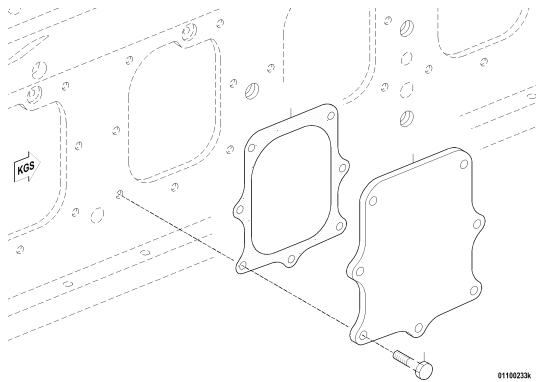
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
150	735233000101	COVER	4	PC	3 G	A 5 - X00004694	MTN5233
250	735233000101	COVER	3	PC	3 G	A 5 - X00004694	MTN5233
350	735233000101	COVER	5	PC	3 G	A 5 - X00004694	MTN5233
450	735233000101	COVER	2	PC	3 G	A 5 - X00004694	MTN5233
470	735233000103	COVER	1	PC	5 G	A 7 - X00004797	MTN5233
550	735233000101	COVER	2	PC	3 G	A 5 - X00004694	MTN5233
650	735233000102	COVER	1	PC	4 G	A 6 - X00004796	MTN5233
700	735233000202	COVER	1	PC	10 G	B 4 - X00007482	MTN5233
770	735233000500	COVER	1	PC	10,564 G	E 5 - X00014661	MTN5233
780	735233000101	COVER	2	PC	3 G	A 5 - X00004694	MTN5233
850	735233000500	COVER	1	PC	10,564 G	E 5 - X00014661	MTN5233
1000	735233000102	COVER	1	PC	4 G	A 6 - X00004796	MTN5233
1050	735233000103	COVER	2	PC	5 G	A 7 - X00004797	MTN5233
1150	735233000200	COVER	2	PC	5,500 G	B 2 - X00005424	MTN5233
1350	735233000104	COVER	1	PC	6 G	A 8 - X00004798	MTN5233
1400	735233000104	COVER	1	PC	6 G	A 8 - X00004798	MTN5233
1500	735233000500	COVER	2	PC	10,564 G	E 5 - X00014661	MTN5233
1600	735233000104	COVER	2	PC	6 G	A 8 - X00004798	MTN5233
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GROUP NUMBER (FG)
GROUP NAME
BOM-No.



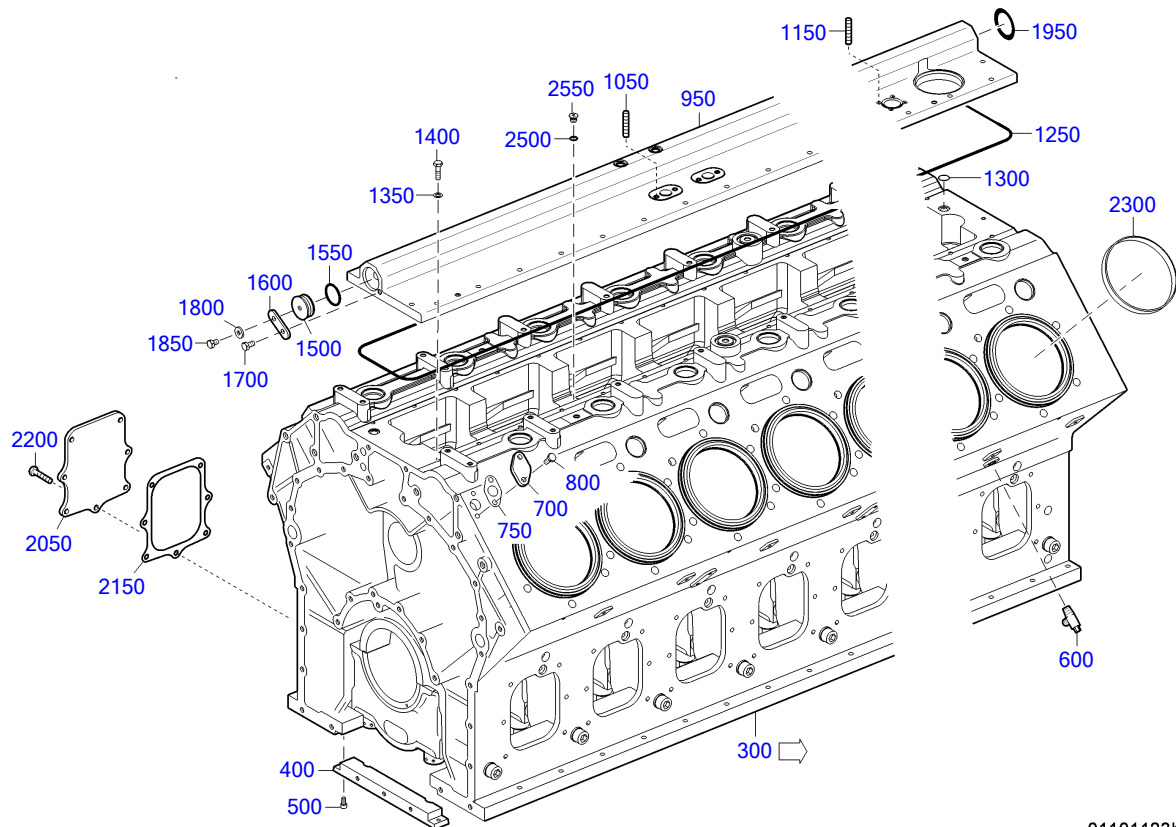
CRANKCASE
XS595010.00063

01101123b



INSPECT PORT COVER
XS593010.00008

0110023a



01101123b

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
300	X59501100003	CRANKCASE	1	PC		EM		
400	X52401100023	STRIP	1	PC	2,800 KG			
500	000912008115	BOLT HEX SOC HD	2	PC	12 G		M 8 X 16	DIN912
600	0049976736	VALVE DRAIN	2	PC				
700	5240110045	COVER CRANKCASE BREATHER	2	PC	175 G			
750	5501871280	GASKET	2	PC	1,400 G			
800	000000003020	BOLT HEX A3C	4	PC	20,010 G		M 10 X 20	ISO4017
950	X59501100017	COVER FOR CAMSHAFT CHAMBE	1	PC	36,500 KG		16V AS/HORIZ.	
1050	000835008086	STUD	4	PC	13 G		M 8 X 25	DIN835
1150	000835010056	STUD	4	PC			M 10 X 25	DIN835
1250	5279970345	SEAL STRIP	1	PC	183 G		1357X5	
1300	700429018005	O-RING	10	PC	1,900 G		18 X 4	MMN429
1350	000125010524	WASHER	36	PC	3,100 G		A 10,5	DIN125
1400	000000003326	HEX SCREW	36	PC	28,180 G		M 10 X 35	ISO4017
1500	735084050000	PLUG	1	PC	103,600 G		50	MTN5084
1550	700429042000	O-RING	1	PC	6,400 G		42 X 5	MMN429
1600	5249950059	STRAP	1	PC	72 G			
1700	000000003020	BOLT HEX A3C	1	PC	20,010 G		M 10 X 20	ISO4017
1800	007349010002	WASHER	1	PC	11 G		10,5	DIN7349
1850	204017010004	BOLT A3C	1	PC			M 10 X 16	ISO4017
1950	700429055001	O-RING	1	PC	8,110 G		55 X 5	MMN429
2050	5240110732	COVER CYL BLOCK ACCESS PORT	7	PC	2,740 KG			
2150	5240111380	GASKET	7	PC				
2200	000000003021	HEX SCREW	49	PC	23,700 G		M 10 X 25	ISO4017
2300	5240110259	RING CARBON SCRAPER	16	PC	204,500 G			

EQUI TYPE: Engine

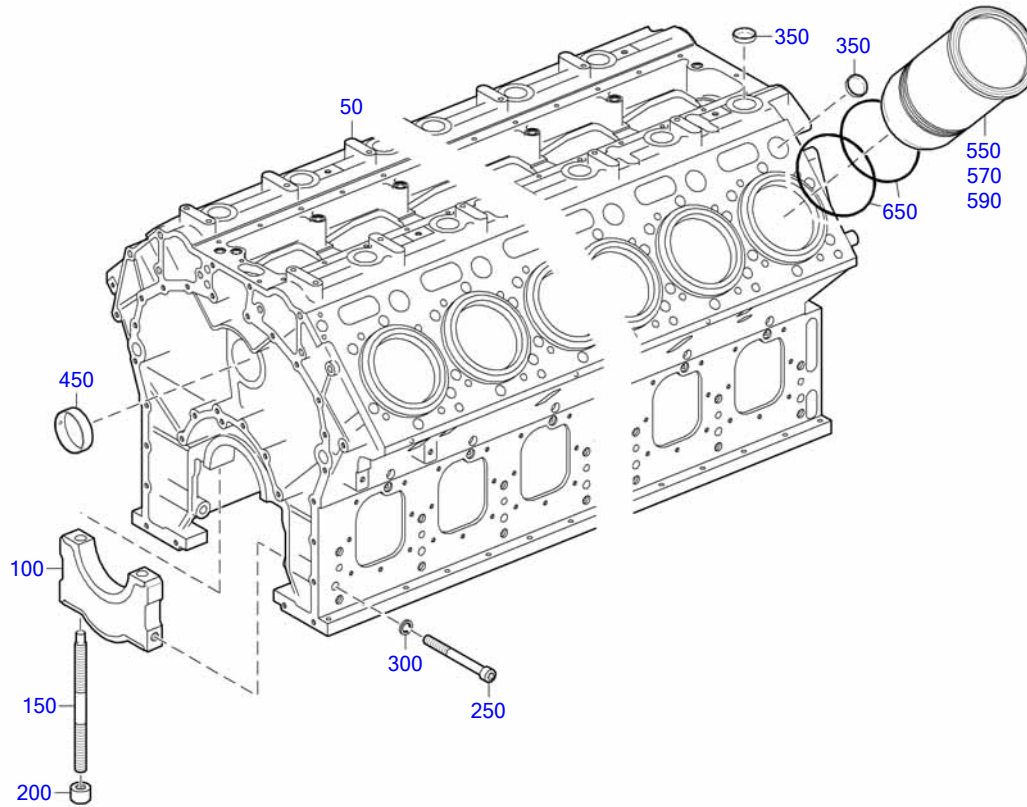
PRODUCT TYPE: 16V4000M23S
CRANKCASE

SERIAL NUMBER: 527110276

FG/FGS: 011 05

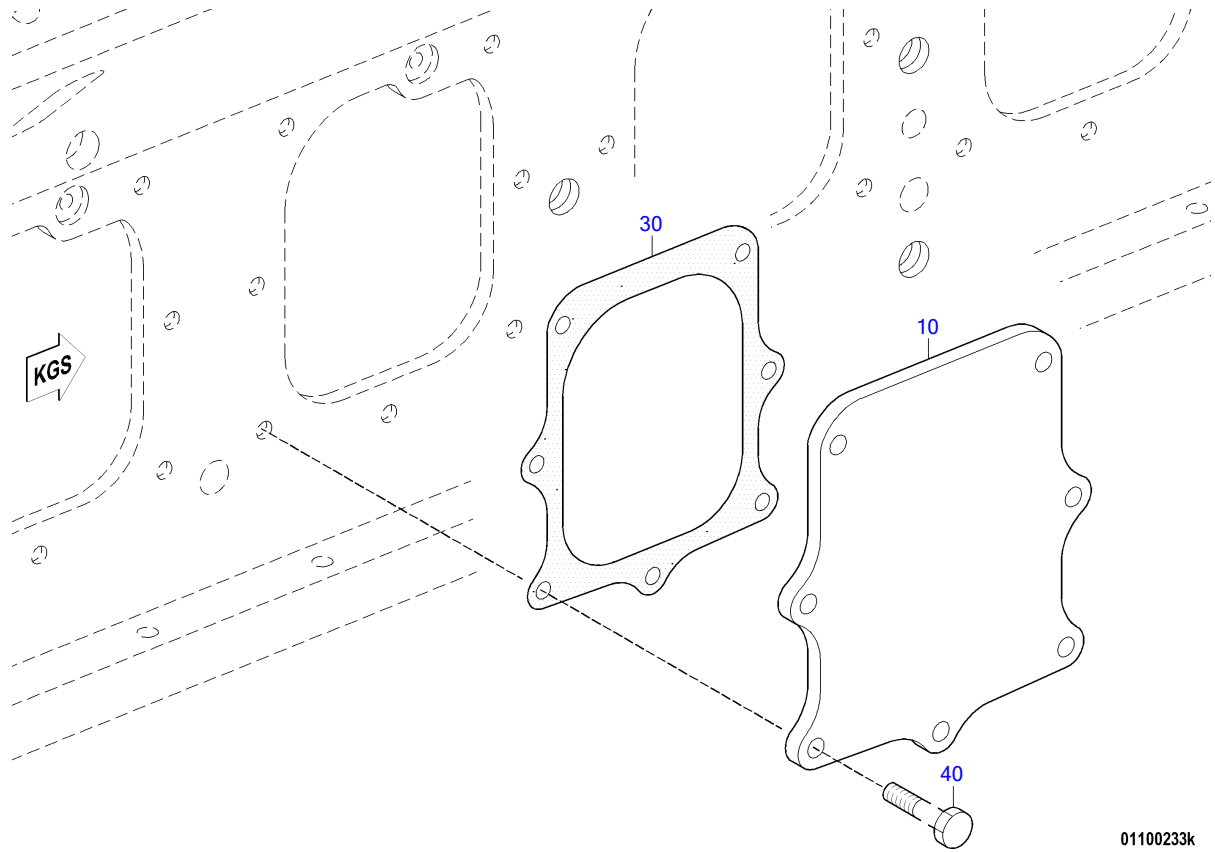
BOM-No.: XS595010.00063

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
2500	007603014102	COPPER SEALING RING	2	PC	1 G		A 14 X 18	DIN7603
2550	000908014001	THREAD PLUG	2	PC	16,100 KG		M 14 X 1,5	DIN908
3050	EX59501100003	CRANKCASE	1	PC		MN EM		



01101017b

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
50	X59501100002	CRANKCASE	1	PC		EM		
100	X59301100005	CRANKSHAFT BRG CAP	9	PC	12,485 KG			
150	5240110570	STUD	18	PC	1,090 KG			
200	5240110172	NUT	18	PC				
250	X52899100040	SCREW W. INTERNAL HEX.	18	PC	448,100 G		M 20 X 180	
300	700521020200	WASHER	18	PC	17,670 G		20,2	MMN521
350	5249970020	SEALING CAP	32	PC			D 50	
450	5240510110	BEARING CAMSHAFT STD	9	PC	137 G			
550	X00027830	CYLINDER LINER SIZE 0 C23	16	PC		EM		
570	X59301300038	CYLINDER LINER STAGE 1	1	PC		EM		
590	X59301300039	CYLINDER LINER STAGE 2	1	PC		EM		
650	5550110259	SEALING RING	32	PC				



01100233k

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	5240110732	COVER CYL BLOCK ACCESS PORT	1	PC	2,740 KG		
30	5240111380	GASKET	1	PC			
40	000000003021	HEX SCREW	7	PC	23,700 G	M 10 X 25	ISO4017

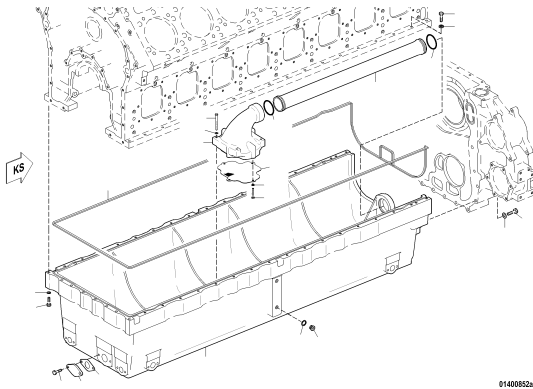
OIL PAN

FG/FGS: 014

GROUP NUMBER (FG)

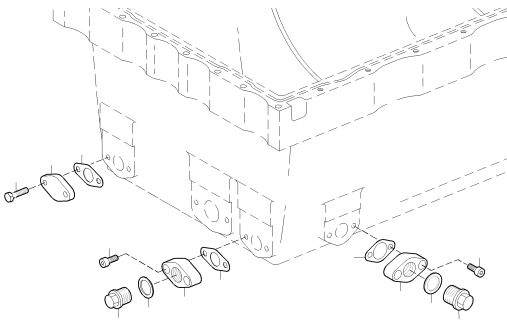
GROUP NAME

BOM-No.



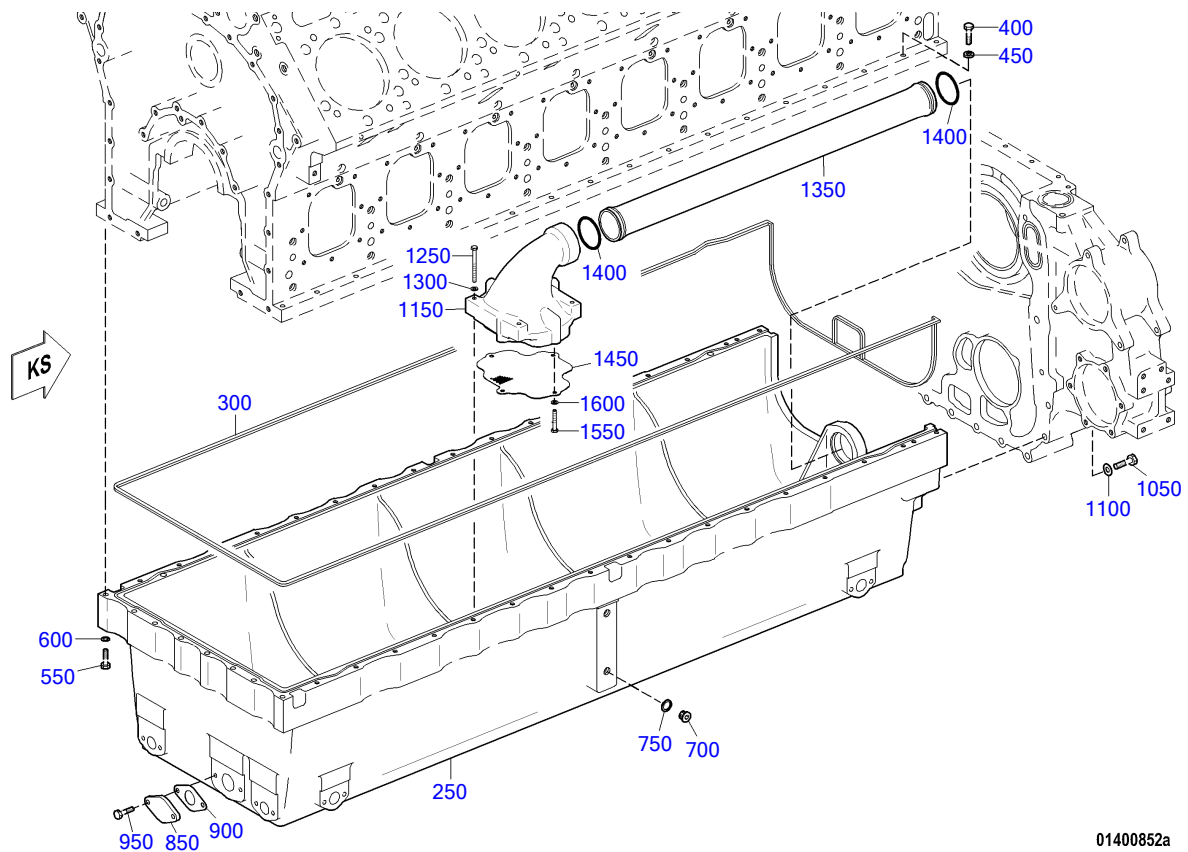
OIL PAN GRAY CAST IRON
X00025458

01400852a



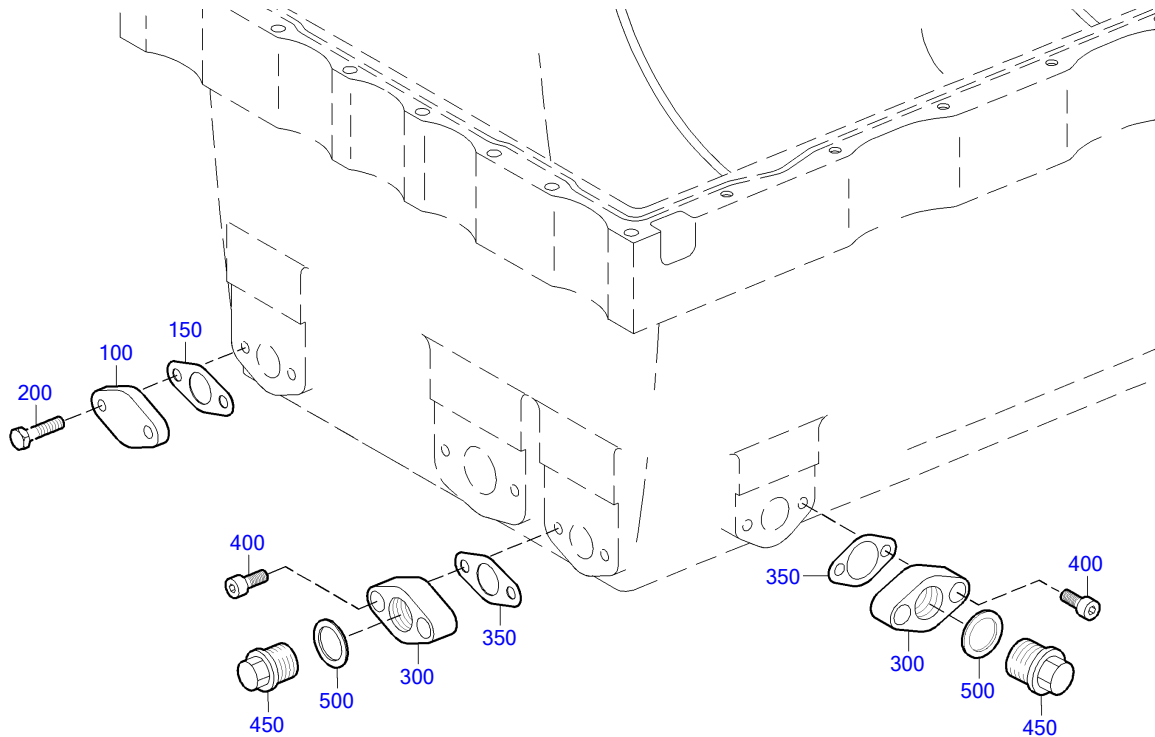
SEAL ELEM. FOR OIL PAN
X00030756

01400853a



01400852a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
250	5270141002	PAN OIL CAST IRON	16V4000	1	PC				
300	5279870435	SEAL OIL PAN 4569LG		1	PC				
400	000933010095	BOLT HEX		36	PC	36,500 G		M 10 X 50	DIN933
450	735151010100	SPACER		36	PC	11 G		A 10,5	MTN5151
550	000931010315	BOLT HEX		8	PC			M 10 X100	DIN931
600	000125010524	WASHER		8	PC	3,100 G		A 10,5	DIN125
700	000908012003	THREAD PLUG		2	PC	11,900 KG		M 12 X 1,5	DIN908
750	007603012111	COPPER SEALING RING		2	PC	0,700 G		A 12 X 15,5	DIN7603
850	5240140033	COVER	BR4000	1	PC				
900	5240140080	GASKET		1	PC	5 G			
950	000933010035	HEX BOLT		2	PC	23,900 G		M 10 X 25	DIN933
1050	000931012176	BOLT HEX		10	PC			M 12 X150	DIN931
1100	007349013002	WASHER		10	PC	22,600 G	MN	13	DIN7349
1150	X00020248	ELBOW SUMP OIL PICKUP ASM		1	PC	3,300 KG			
1250	000931008189	BOLT HEX		4	PC	39 G		M 8 X 85	DIN931
1300	007349008002	WASHER		4	PC	8,300 G		8,4	DIN7349
1350	5242000754	TUBE PLUG-IN-PIPE	4000	1	PC	3,920 KG			
1400	700429070000	O-RING		2	PC	10,300 G		70 X 5	MMN429
1450	X00020254	STRAINER		1	PC				
1550	304017008087	BOLT HEX		4	PC	4,263 G		M 8 X 50	ISO4017
1600	000125008427	WASHER		4	PC	1,500 G		A 8,4	DIN125



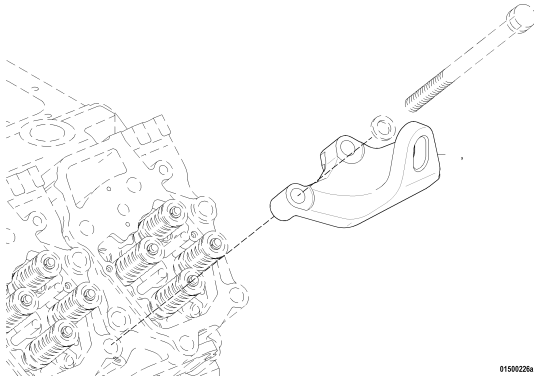
01400853a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
100	X00018638	FLANGE	7	PC			
150	5602030280	GASKET	7	PC	3,230 G		
200	000933010180	BOLT HEX S2000/4000	14	PC	26 G	M 10 X 28	DIN933
300	5500140145	FLANGE	3	PC			
350	5602030280	GASKET	3	PC	3,230 G		
400	000912010065	BOLT HEX SOC HD	6	PC	24,200 G	M 10 X 25	DIN912
450	5379970030	PLUG	3	PC			
500	007603030101	COPPER SEALING RING	3	PC		A 30 X 36	DIN7603

GROUP NUMBER (FG)

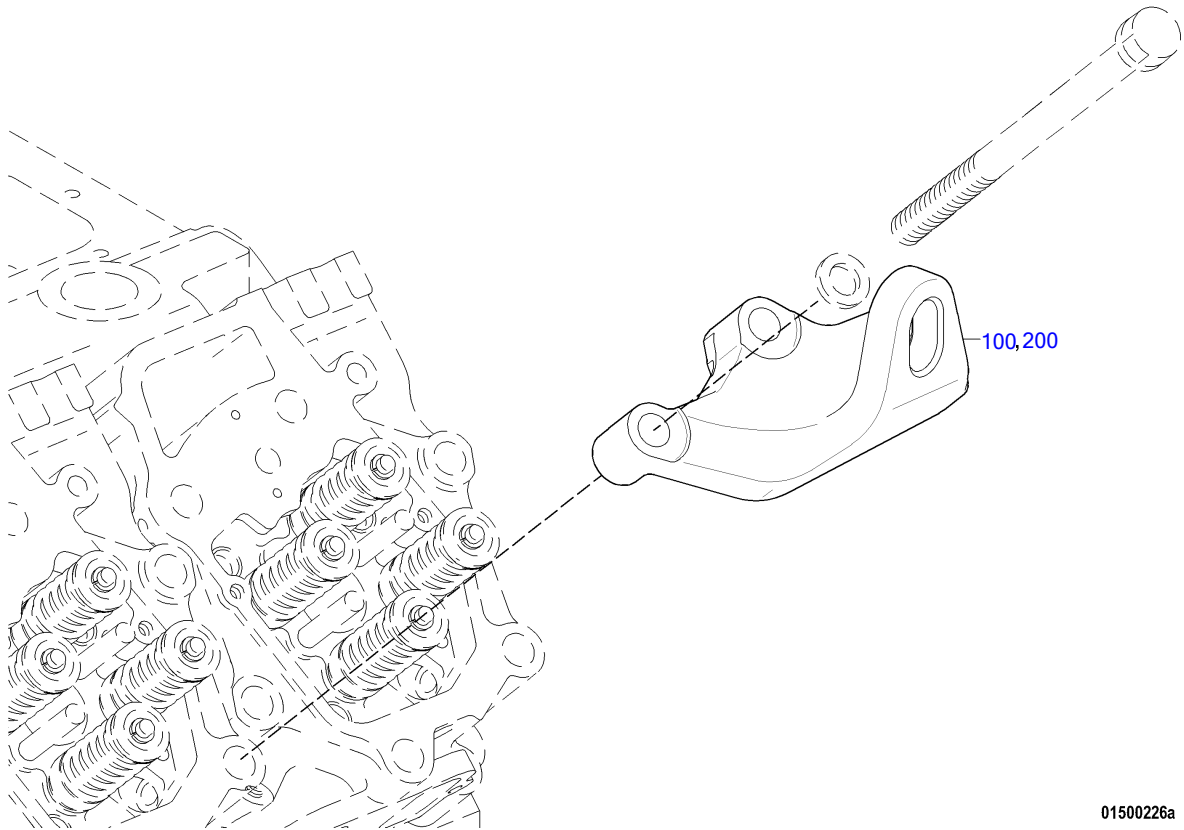
GROUP NAME

BOM-No.



ENGINE MOUNTING REINFORCED
XS596010.00036

01500226a

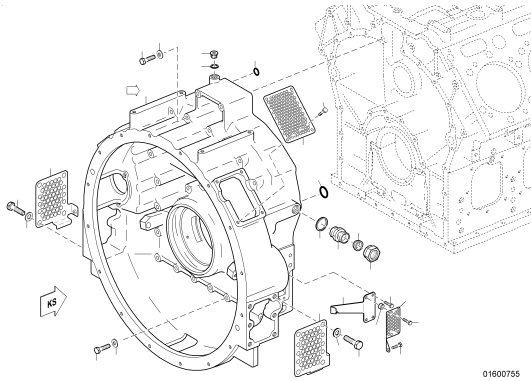


POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
100	X52801500002	LIFTING EYE	2	PC	8,900 KG
200	X52801500002	LIFTING EYE	2	PC	8,900 KG

GROUP NUMBER (FG)

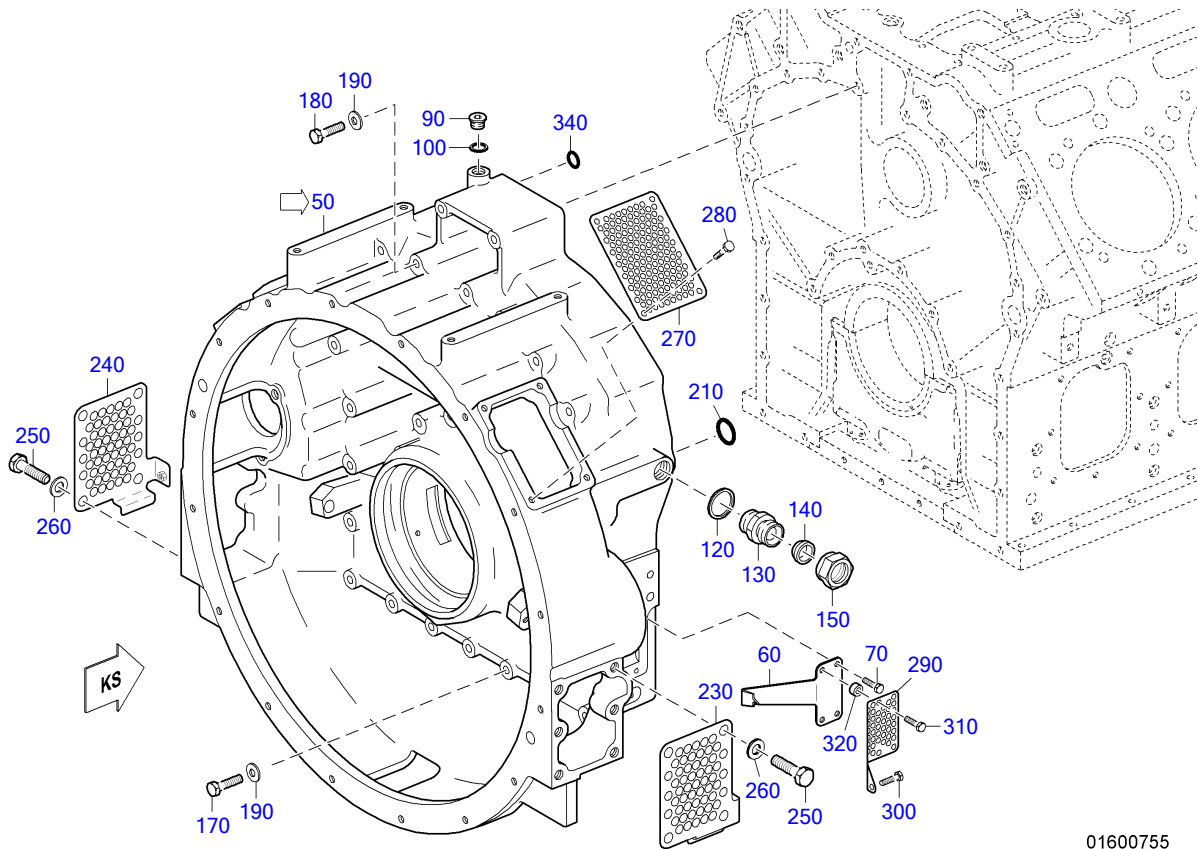
GROUP NAME

BOM-No.



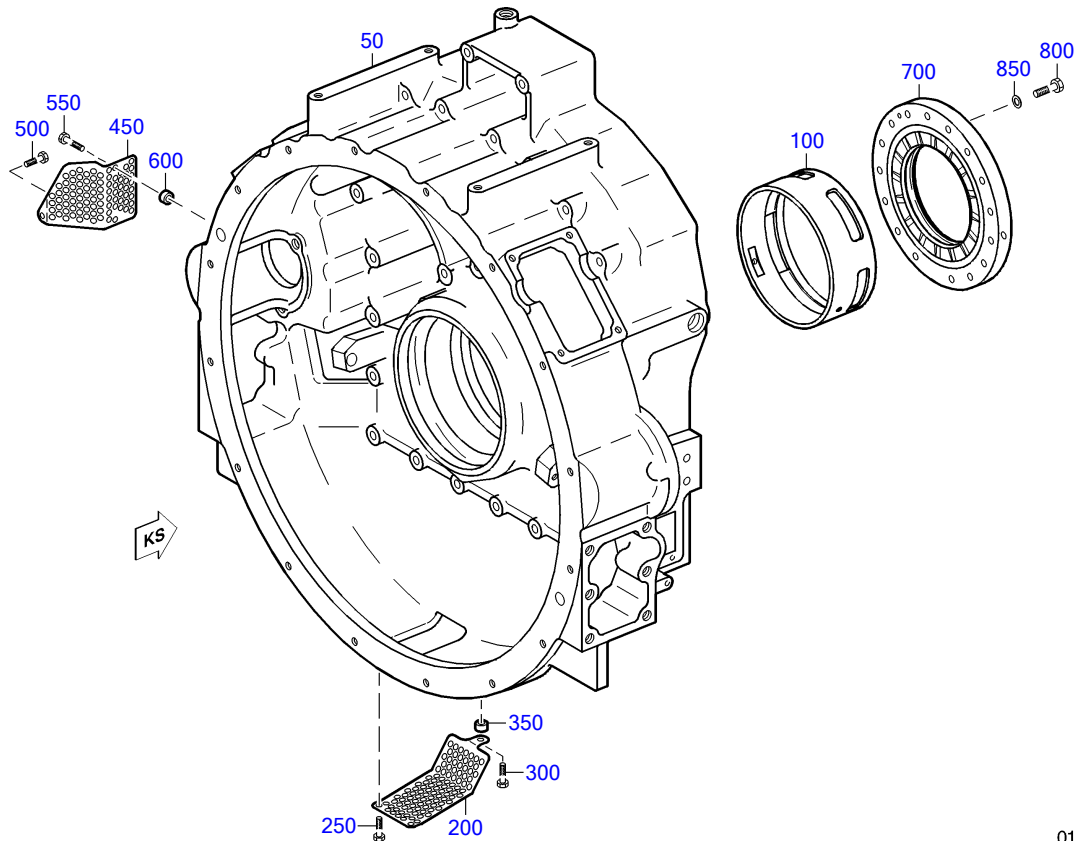
FLYWHEEL HOUSING
XS593010.00019

01600755



01600755

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	X00021778	F/W HSG ASM		1	PC	231,500 KG		
60	X59301600002	DEAD-CENTER INDICATR		1	PC	240 G		
70	304017008077	BOLT HEX A3C S2000/4000		2	PC	10 G	M 8 X 16	ISO4017
90	000908026005	THREAD PLUG		1	PC	69,900 KG	M 26 X 1,5	DIN908
100	007603026104	COPPER SEALING RING		1	PC	3,100 G	A 26 X 31	DIN7603
120	007603030101	COPPER SEALING RING		2	PC		A 30 X 36	DIN7603
130	915007020001	CONNECTOR 20/16		2	PC	86,200 G	20 / 16 (M30X1,5/M26X1,5)	N15007
140	915005016000	CONE SEALING 18		2	PC	12 G	18	MBN15005
150	915001016004	NUT 16 M26X1.5 BL.GEOELT		2	PC	40,900 G	16 M 26 X 1,5	N15001
170	000931012215	BOLT HEX		23	PC	141 G	M 12 X150	DIN931
180	000931012106	BOLT HEX		8	PC	186 G	M 12 X200	DIN931
190	006796012100	CONICL SPRING WASHER		31	PC	12 G	12	DIN6796
210	700429033001	O-RING		2	PC	5,100 G	33 X 5	MMN429
230	5240100267	PLATE GUARD RIGHT		1	PC	511,700 G		
240	5240100367	PLATE GUARD LEFT		1	PC	629 G		
250	000933016003	BOLT HEX		8	PC	71 G	M 16 X 25	DIN933
260	000125017014	WASHER		8	PC	10 G	A 17	DIN125
270	X00021753	GUARD PLATE		2	PC			
280	304017008077	BOLT HEX A3C S2000/4000		8	PC	10 G	M 8 X 16	ISO4017
290	5240140515	SCREEN FLYWHL HSG RT	BR 4000	1	PC	113 G		
300	304017008076	HEX BOLT		1	PC	9,200 G	M 8 X 12	ISO4017
310	304017008081	HEX BOLT		2	PC	13,500 G	M 8 X 25	ISO4017
320	5511530050	SPACER BUSHING		2	PC	13,310 G	Ø18/Ø10 × 10	
340	700429020003	O-RING		2	PC	2,120 G	20 X 4	MMN429



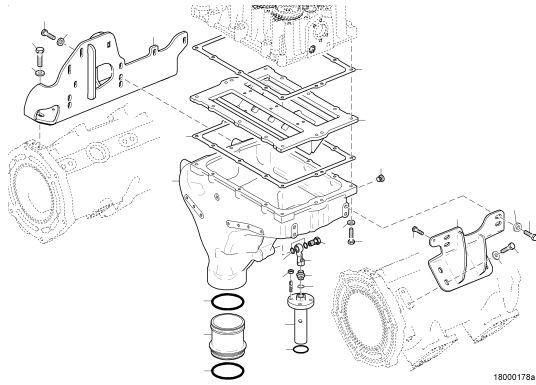
01600178a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	X00021780	FLYWHEEL HOUSING		1	PC			
100	5240332730	CRANKSHAFT BEARING DRIVING END (KS)		1	PC	2,220 KG		
200	5240100467	SCREEN FLYWHEEL BOTTOM	4000	1	PC	124 G		
250	304017008076	HEX BOLT		2	PC	9,200 G	M 8 X 12	ISO4017
300	304017008081	HEX BOLT		1	PC	13,500 G	M 8 X 25	ISO4017
350	5511530050	SPACER BUSHING		1	PC	13,310 G	Ø18/Ø10 × 10	
450	5240140615	SCREEN FLYWHL HSG LT	BR 4000	1	PC	104 G		
500	304017008076	HEX BOLT		1	PC	9,200 G	M 8 X 12	ISO4017
550	304017008081	HEX BOLT		2	PC	13,500 G	M 8 X 25	ISO4017
600	5511530050	SPACER BUSHING		2	PC	13,310 G	Ø18/Ø10 × 10	
700	X59303100024	THRUST WASHER		1	PC			
800	000931010105	BOLT HEX		16	PC	44,250 G	M 10 X 60	DIN931
850	200433010500	WASHER		16	PC	1,900 G	10,5	DIN433

GROUP NUMBER (FG)

GROUP NAME

BOM-No.



CRANKCASE BREATHER FOR 16V
XS595010.00066

18000178a

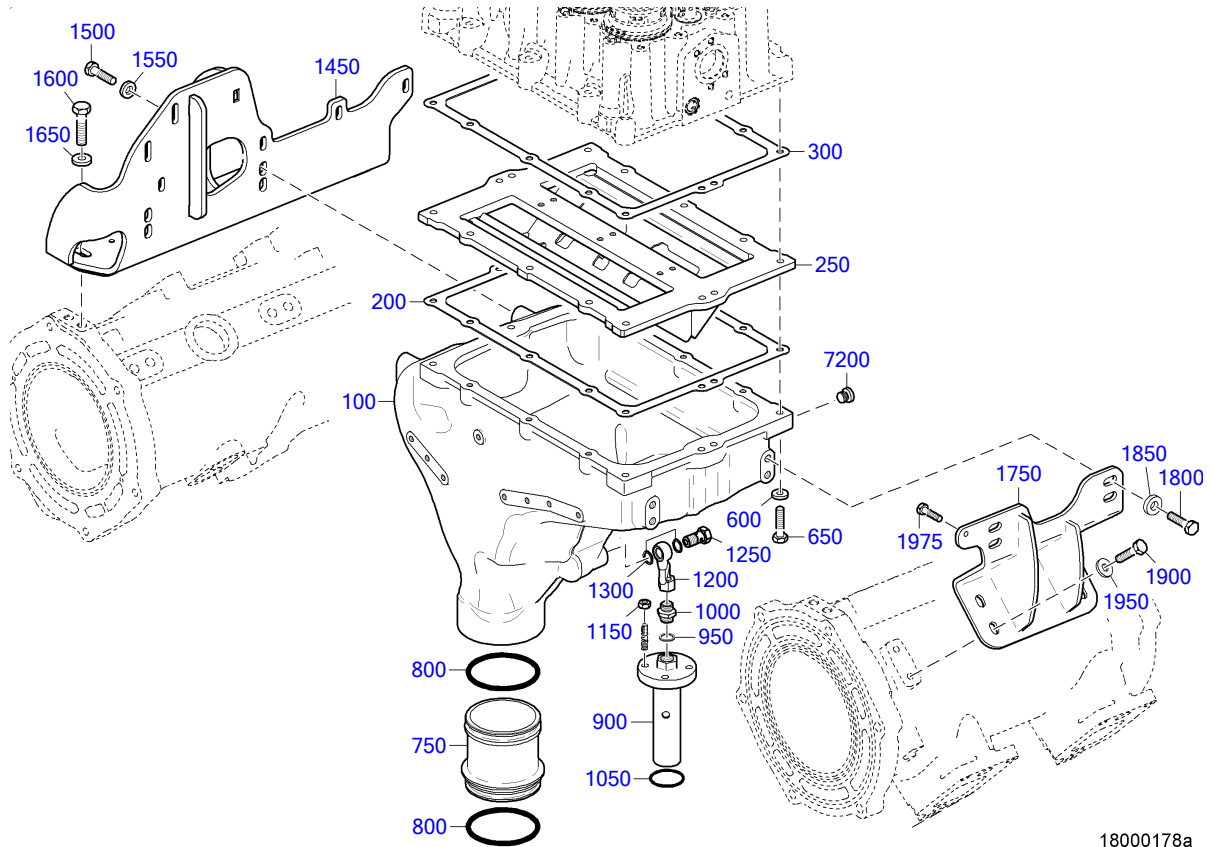
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CRANKCASE BREATHER FOR 16V

SERIAL NUMBER: 527110276

FG/FGS: 018 00

BOM-No.: XS595010.00066



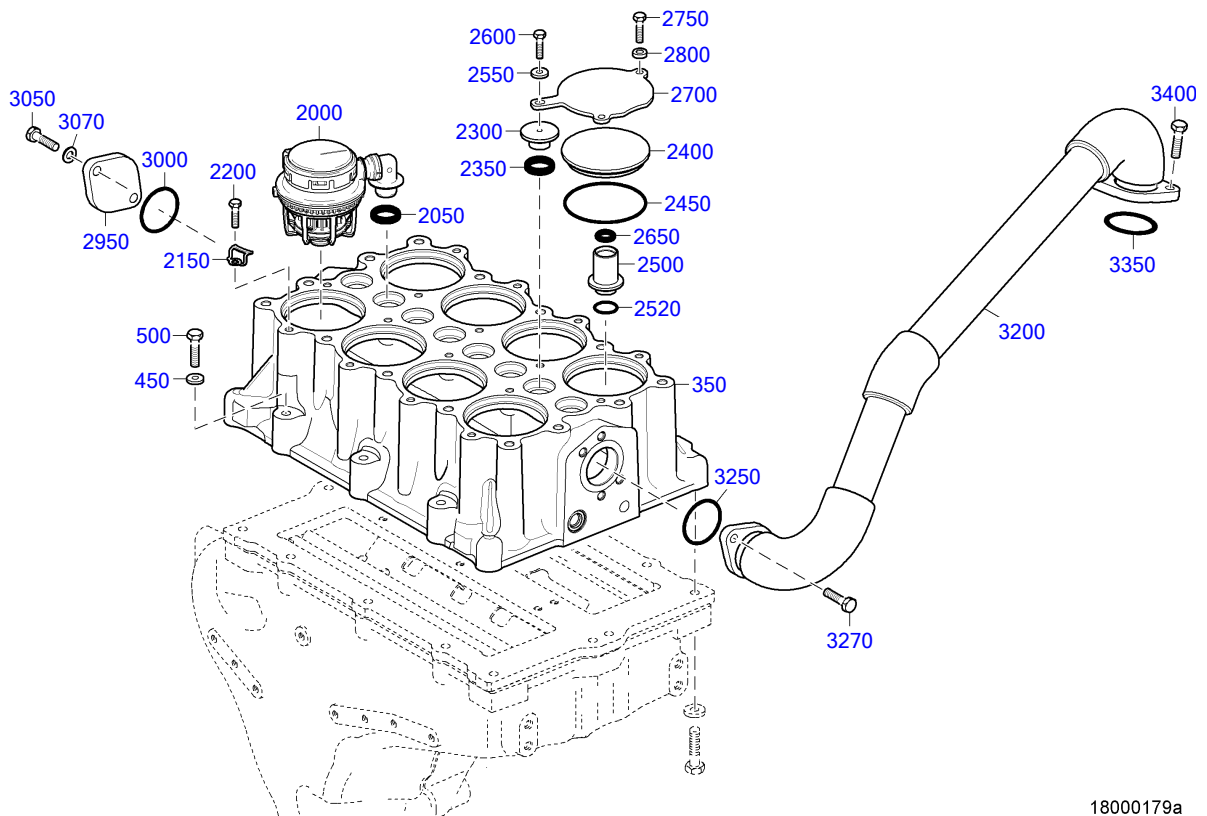
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CRANKCASE BREATHER FOR 16V

SERIAL NUMBER: 527110276

FG/FGS: 018 00

BOM-No.: XS595010.00066

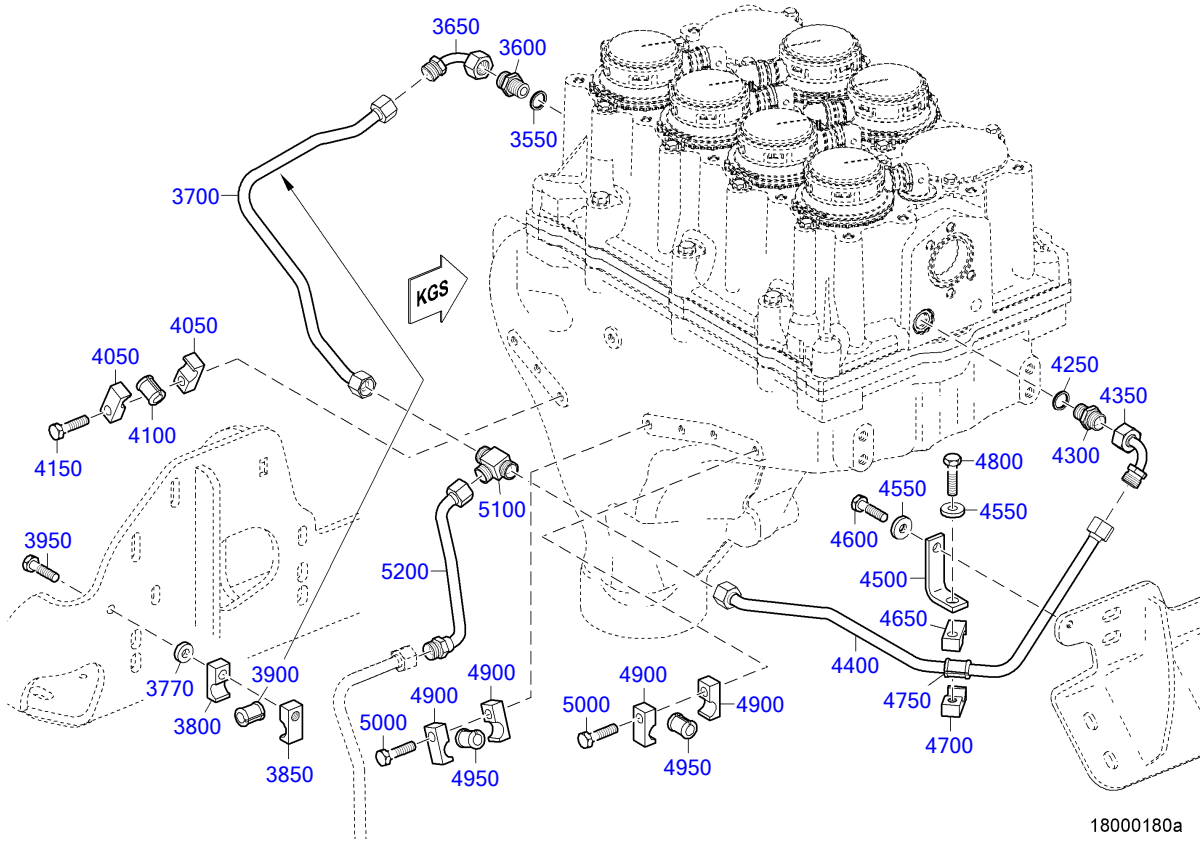


EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CRANKCASE BREATHER FOR 16V

SERIAL NUMBER: 527110276

FG/FGS: 018 00
BOM-No.: XS595010.00066

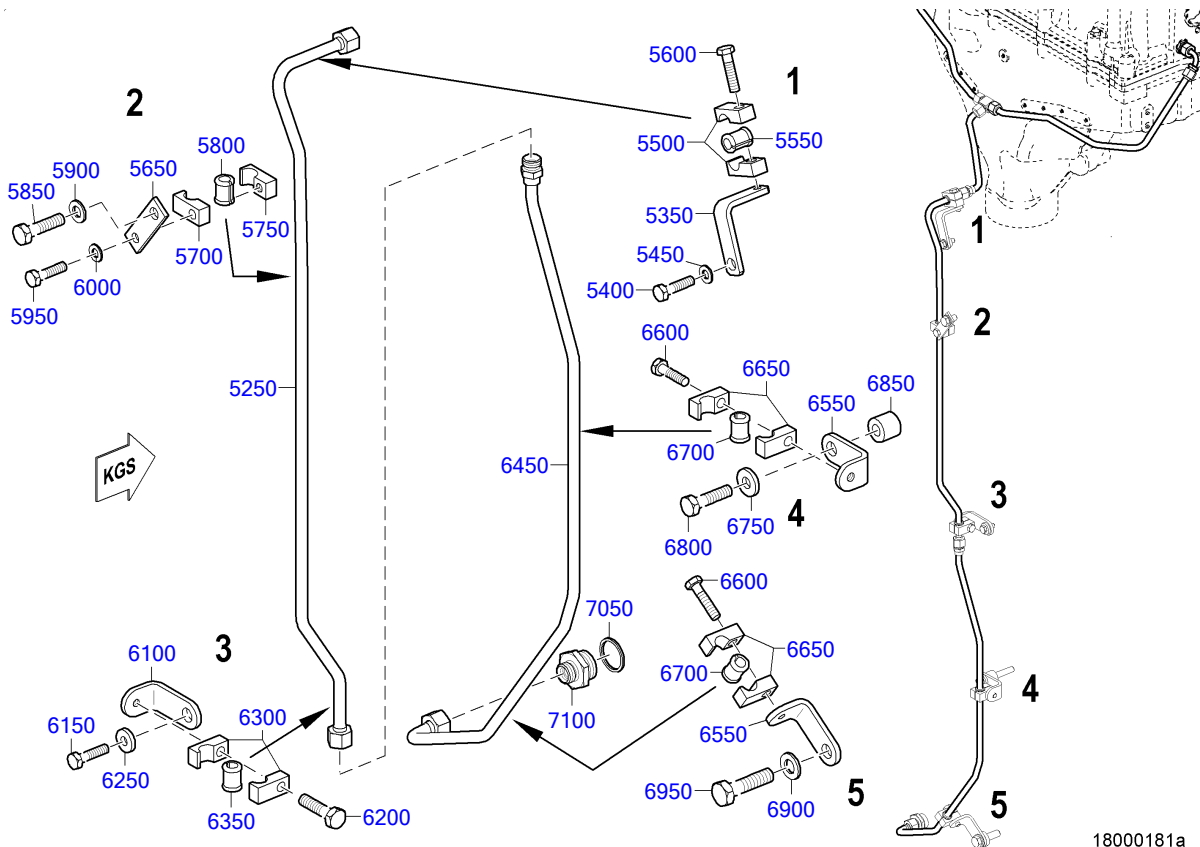


EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CRANKCASE BREATHER FOR 16V

SERIAL NUMBER: 527110276

FG/FGS: 018 00
BOM-No.: XS595010.00066



POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
100	X59401800012	VENT HOUSING		1	PC	30 KG	EM		
200	X52701800027	GASKET		1	PC	52 G			
250	X52701800028	OIL PRESEPARATOR		1	PC	7,800 KG	EM		
300	X52701800027	GASKET		1	PC	52 G			
350	X59301800037	IMPAKTOR CARRIER		1	PC	10,340 KG	EM		
450	000125008427	WASHER		6	PC	1,500 G		A 8,4	DIN125
500	204017008032	HEX SCREW		6	PC	25,900 G		M 8 X 65	ISO4017
600	000125008427	WASHER		8	PC	1,500 G		A 8,4	DIN125
650	304017008087	BOLT HEX		8	PC	4,263 G		M 8 X 50	ISO4017
750	X52701800025	PLUG-IN PIPE		1	PC	860 G			
800	700429085002	O-RING		2	PC	17,640 G		85 X 6	MMN429
900	X00036071	DRAIN PIPE		1	PC	706 G	SB EM		
950	007603016105	COPPER SEALING RING		1	PC			A 16 X 20	DIN7603
1000	915006008002	UNION		1	PC	29,700 G		8	N15006
1050	700429040000	O-RING		1	PC	2,350 G		40 X 3	MMN429
1150	304032008014	NUT HEX 8 A3C		4	PC	4,800 G		M 8	ISO4032
1200	X52701800037	OIL LINE		1	PC	87 G	SB		
1250	700223006000	BOLT BANJO A8 S2000/4000		1	PC	38,800 G		A 8	MMN223
1300	007603014102	COPPER SEALING RING		2	PC	1 G		A 14 X 18	DIN7603
1450	X59501800070	RETAINER F/CRANKCASE VENTILA		1	PC	10 KG			
1500	000000001464	BOLT HEX A3C		4	PC	25 G		M 10 X 30	ISO4017
1550	735151010100	SPACER		4	PC	11 G		A 10,5	MTN5151
1600	204017012009	HEX SCREW		2	PC	45 G	MN	M 12 X 40	ISO4017
1650	007349013002	WASHER		2	PC	22,600 G	MN	13	DIN7349
1750	X59501800025	RETAINER F.CRANKC.VENT.LEFT		1	PC	3,140 KG			
1800	000000003021	HEX SCREW		4	PC	23,700 G		M 10 X 25	ISO4017
1850	735151010100	SPACER		4	PC	11 G		A 10,5	MTN5151
1900	000000003021	HEX SCREW		4	PC	23,700 G		M 10 X 25	ISO4017
1950	007349010002	WASHER		4	PC	11 G		10,5	DIN7349
2000	X54701800063	OIL SEPARATOR		6	PC	180 G	EM		
2050	700429020004	O-RING		6	PC	5,100 G		20 X 6	MMN429
2150	XP57518300057	RETAINER		12	PC	3 G			
2175	000125006431	WASHER		10	PC	0,900 G		A 6,4	DIN125
2200	000933006207	BOLT HEX		12	PC	5,100 G		M 6 X 14	DIN933
2300	X57518300050	PLUG		2	PC	52 G			
2350	XP57518300057	RETAINER		4	PC	3 G			
2375	000125006431	WASHER		4	PC	0,900 G		A 6,4	DIN125
2400	000933006207	BOLT HEX		4	PC	5,100 G		M 6 X 14	DIN933
2500	X54799100074	PLUG		2	PC	30 G			
2950	X59499100174	FLANGE		1	PC				
3000	700429043000	O-RING		1	PC	2,340 G		43 X 3	MMN429
3050	304017008081	HEX BOLT		2	PC	13,500 G		M 8 X 25	ISO4017
3070	000125008427	WASHER		2	PC	1,500 G		A 8,4	DIN125
3200	X59501800092	VENT LINE F/CRANKCASE VENTILA		1	PC	853 G	EM		
3250	700429043000	O-RING		1	PC	2,340 G		43 X 3	MMN429
3270	304017008081	HEX BOLT		2	PC	13,500 G		M 8 X 25	ISO4017
3350	700429043000	O-RING		1	PC	2,340 G		43 X 3	MMN429
3400	304017008081	HEX BOLT		2	PC	13,500 G		M 8 X 25	ISO4017
3550	007603014102	COPPER SEALING RING		1	PC	1 G		A 14 X 18	DIN7603
3600	735070008000	ADAPTER		1	PC	26,600 G		10	MTN5070
3650	700160000008	ELBOW		1	PC	67 G		KR 8	MMN160
3700	X59501800075	OIL LINE		1	PC	131 G	SB		
3770	735151008200	SPACER		1	PC	13 G		B 8,4	MTN5151
3800	700325015100	CLAMP HALF TUBE 1/1 D9-15		1	PC	34,030 G		1/1 D 9 - 15	MMN325

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
3850	700325015200	CLAMP HALF TUBE 1/1 G8-15		1	PC	35 G		1/1 G 8 - 15	MMN325
3900	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
3925	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
3950	304017008087	BOLT HEX		1	PC	4,263 G		M 8 X 50	ISO4017
4050	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34,030 G		1/1 D 9 - 15	MMN325
4100	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
4150	304017008084	BOLT HEX A3C		1	PC	16,565 G		M 8 X 35	ISO4017
4250	007603014102	COPPER SEALING RING		1	PC	1 G		A 14 X 18	DIN7603
4300	735070008000	ADAPTER		1	PC	26,600 G		10	MTN5070
4350	700160000008	ELBOW		1	PC	67 G		KR 8	MMN160
4400	X59501800074	OIL LINE		1	PC	155 G	SB		
4500	5502030343	BRACKET		1	PC	52 G			
4550	007349008002	WASHER		2	PC	8,300 G		8,4	DIN7349
4600	304017008079	BOLT HEX		1	PC	12,370 G		M 8 X 20	ISO4017
4650	700325015100	CLAMP HALF TUBE 1/1 D9-15		1	PC	34,030 G		1/1 D 9 - 15	MMN325
4700	700325015200	CLAMP HALF TUBE 1/1 G8-15		1	PC	35 G		1/1 G 8 - 15	MMN325
4750	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
4775	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
4800	304017008084	BOLT HEX A3C		1	PC	16,565 G		M 8 X 35	ISO4017
4900	700325015100	CLAMP HALF TUBE 1/1 D9-15		4	PC	34,030 G		1/1 D 9 - 15	MMN325
4950	700327010000	GROMMET		2	PC	3,650 G		10	MMN327
5000	304017008084	BOLT HEX A3C		2	PC	16,565 G		M 8 X 35	ISO4017
5100	5569970674	FITTING TEE		1	PC	62 G		DN 8 / M16X1,5	
5200	X59518400002	OIL LINE		1	PC	100 G	SB		
5250	X52701800034	OIL LINE		1	PC		SB		
5350	5801530840	BRACKET		1	PC	67 G			
5400	304017008077	BOLT HEX A3C S2000/4000		1	PC	10 G		M 8 X 16	ISO4017
5450	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125
5500	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34,030 G		1/1 D 9 - 15	MMN325
5550	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
5600	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
5650	5500784541	BRACKET FLAT H:06		1	PC	35 G			
5700	700325015100	CLAMP HALF TUBE 1/1 D9-15		1	PC	34,030 G		1/1 D 9 - 15	MMN325
5750	700325015200	CLAMP HALF TUBE 1/1 G8-15		1	PC	35 G		1/1 G 8 - 15	MMN325
5800	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
5850	000000003020	BOLT HEX A3C		1	PC	20,010 G		M 10 X 20	ISO4017
5900	000125010524	WASHER		1	PC	3,100 G		A 10,5	DIN125
5950	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
6000	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125
6100	5315461043	BRACKET L H:52	8V2000M90	1	PC	81,090 G			
6150	304017008079	BOLT HEX		1	PC	12,370 G		M 8 X 20	ISO4017
6200	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
6250	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
6300	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34,030 G		1/1 D 9 - 15	MMN325
6350	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
6450	X59301800035	OIL LINE		1	PC	0,245 KG	SB		
6550	5315461043	BRACKET L H:52	8V2000M90	1	PC	81,090 G			
6600	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
6650	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34,030 G		1/1 D 9 - 15	MMN325
6700	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
6750	007349010002	WASHER		1	PC	11 G		10,5	DIN7349
6800	304017010039	BOLT HEX		1	PC	44 G		M 10 X 70	ISO4017
6850	X59699100034	SPACER SLEEVE		1	PC	42 G			
6860	5240940253	SPACER SLEEVE	4000	1	PC			9MM X 20MM L=25	

EQUI TYPE: Engine

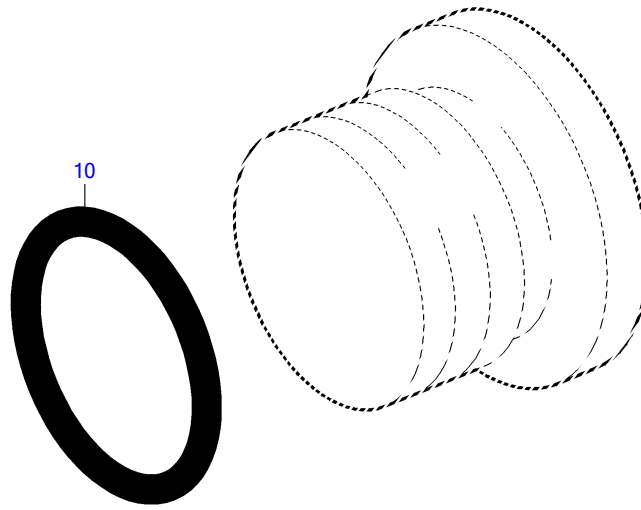
PRODUCT TYPE: 16V4000M23S
CRANKCASE BREATHER FOR 16V

SERIAL NUMBER: 527110276

FG/FGS: 018 00

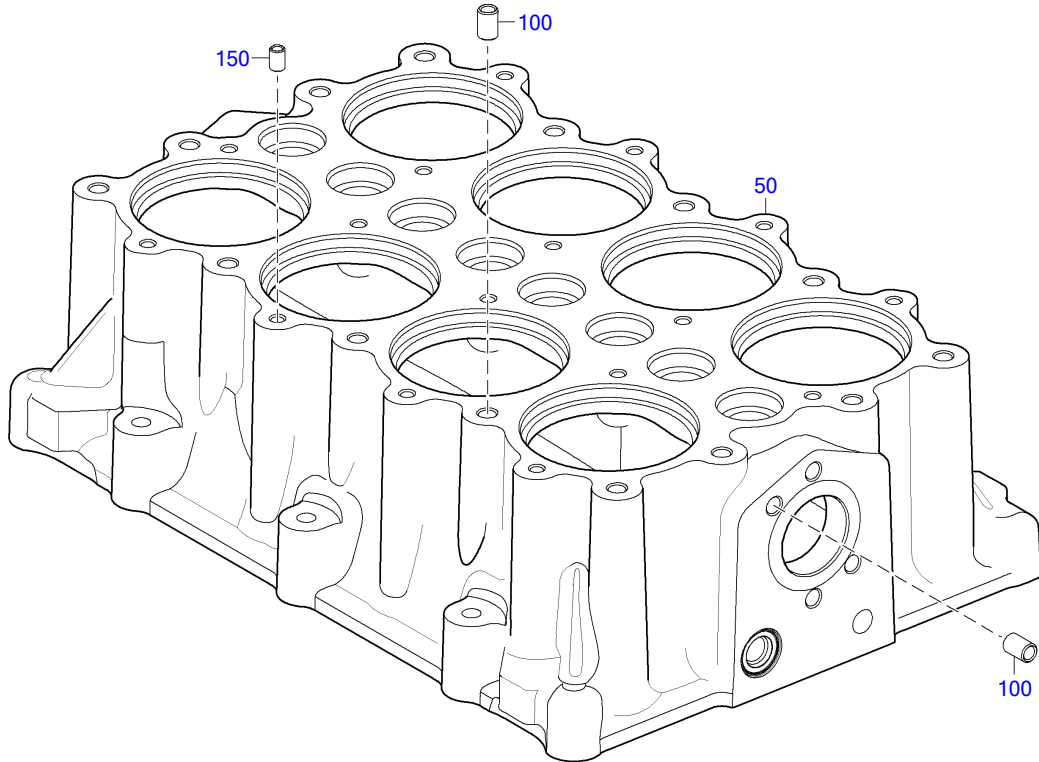
BOM-No.: XS595010.00066

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
6870	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
6875	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34,030 G		1/1 D 9 - 15	MMN325
6880	000000001463	BOLT HEX A3C		1	PC	31,400 G		M 8 X 80	ISO4017
6960	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
6970	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34,030 G		1/1 D 9 - 15	MMN325
6980	304017008084	BOLT HEX A3C		1	PC	16,565 G		M 8 X 35	ISO4017
7050	007603026104	COPPER SEALING RING		1	PC	3,100 G		A 26 X 31	DIN7603
7100	915007016000	CONNECTOR 16/10		1	PC	64 G		16 / 10 (M26X1,5/M18X1,5)	N15007
7200	735210014000	THREAD PLUG		1	PC	19,100 KG		M 14 X 1,5	MTN5210
7300	700429043000	O-RING		1	PC	2,340 G		43 X 3	MMN429
7350	X59499100174	FLANGE		1	PC				
7400	000125008427	WASHER		2	PC	1,500 G		A 8,4	DIN125
7450	304017008081	HEX BOLT		2	PC	13,500 G		M 8 X 25	ISO4017



E0005821a0

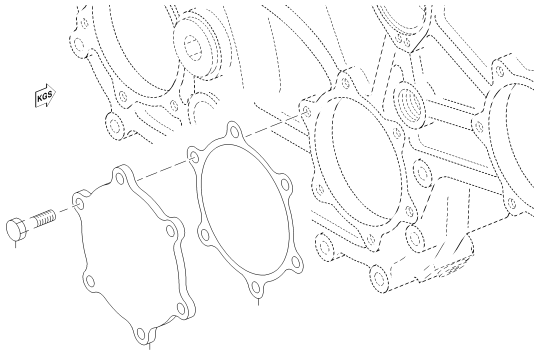
POS.	PART NO.	DESIGNATION	QTY.	UNITS	MEASUREMENT	STANDARD
10	735221011000	O-RING	1	PC	11,3 X 2,2 - M14X1,5	MTN5221



01801070

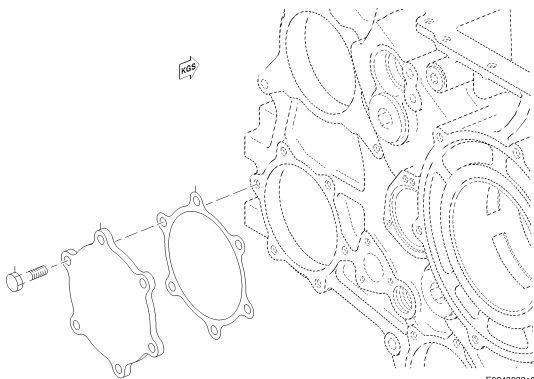
POS.	PART NO.	DESIGNATION	QTY.	UNITS	FN
50	X59301800036	IMPAKTOR CARRIER	1	PC	EM

GROUP NUMBER (FG)
GROUP NAME
BOM-No.



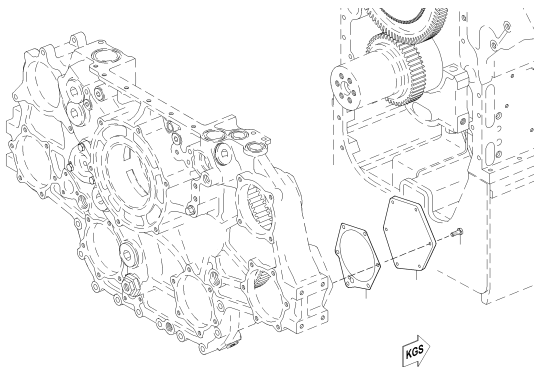
COVER
020.00004

E0243034a0



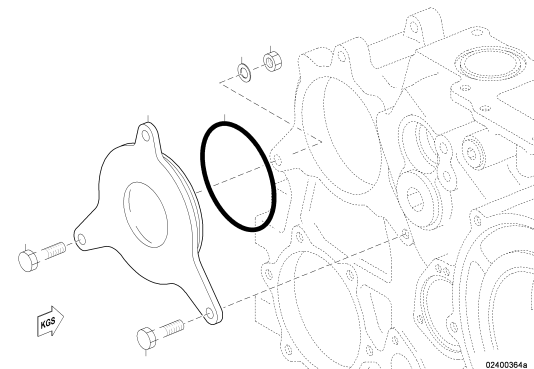
COVER FOR HYDRAULIC PUMP
020.00005

E0243033a0



COVER FOR DDC COMPRESSOR
020.00060

0240012a



COVER RAW WATER PUMP DELT
020.00094

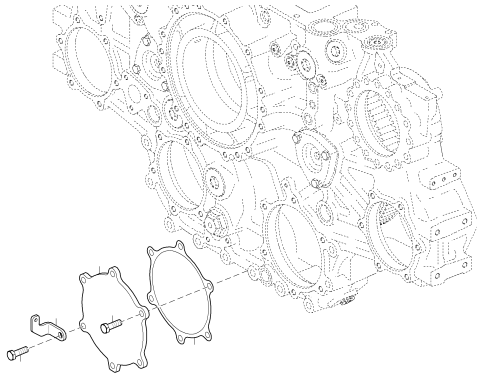
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EQUIPMENT RACK
XS593020.00010

GROUP NUMBER (FG)

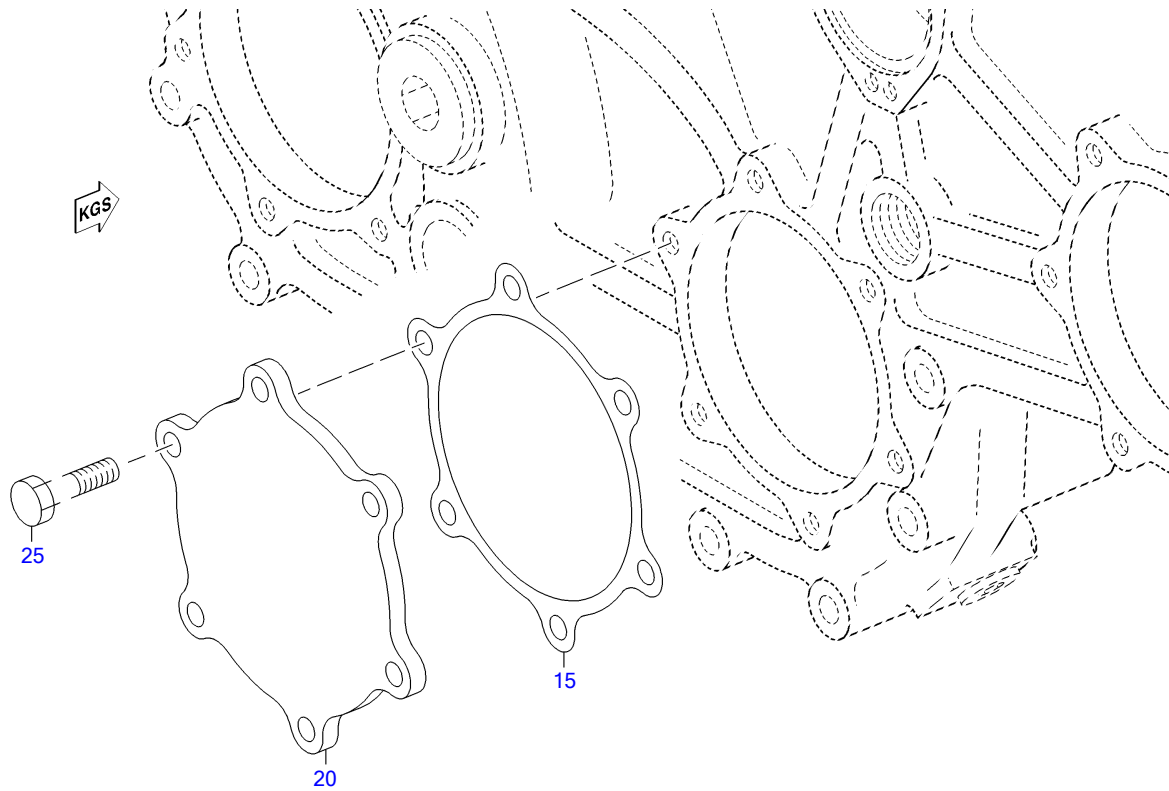
GROUP NAME

BOM-No.



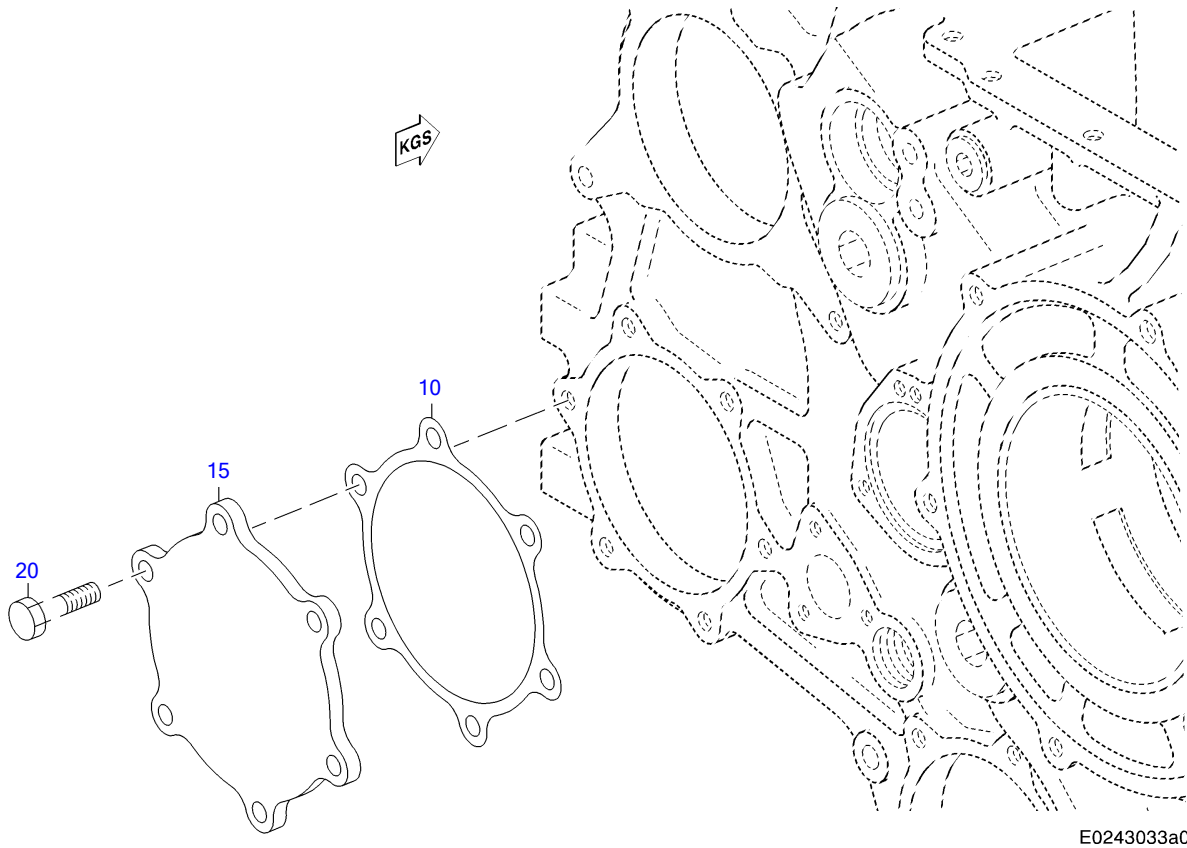
COVER
XS593020.00011

02400439



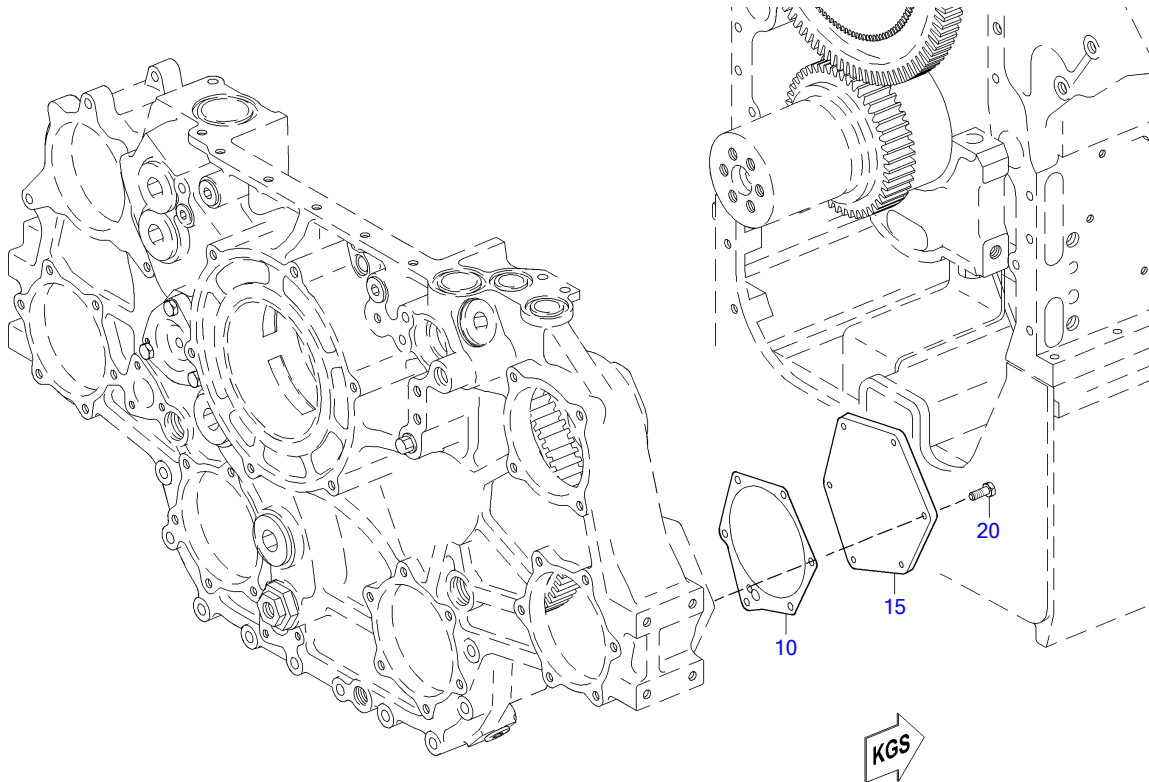
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POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
15	5241880080	GASKET	1	PC		1X250X250	
20	5241880102	COVER	1	PC	1,788 KG		
25	00000003925	BOLT A3C	6	PC		M 12 X 30	ISO4017



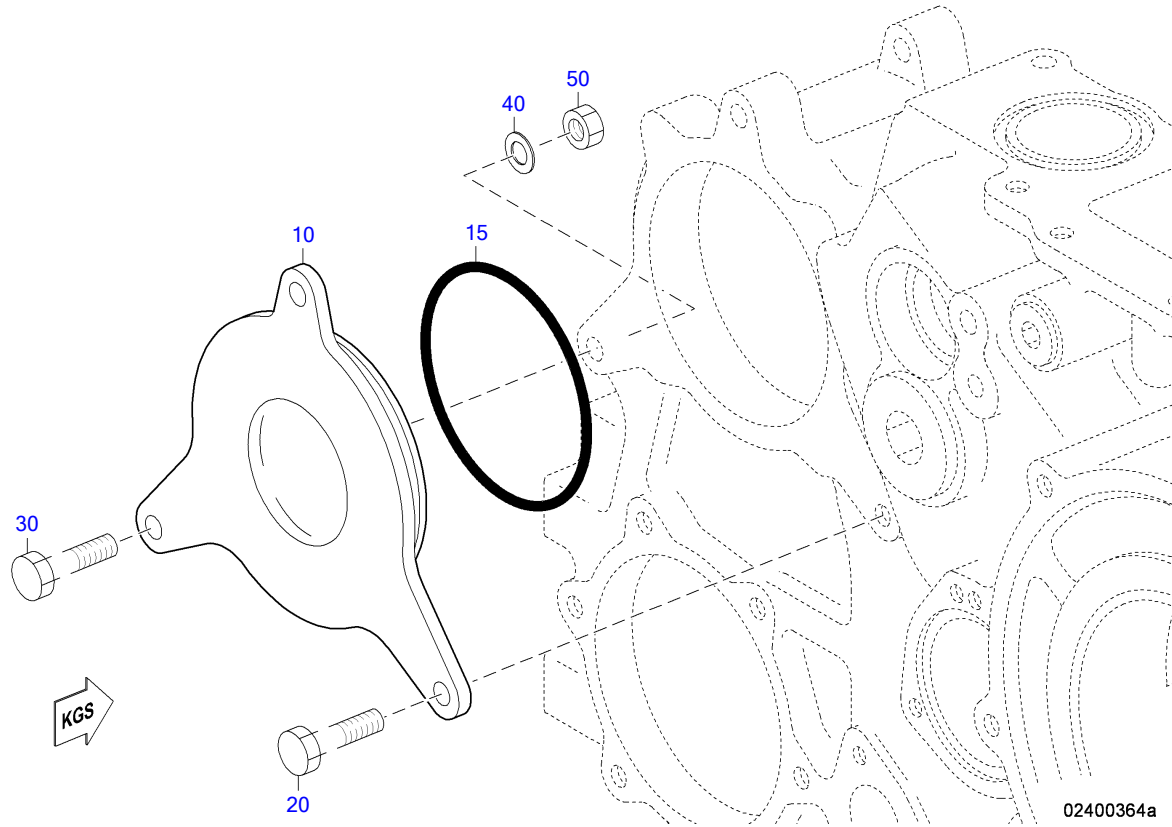
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POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	5241880080	GASKET	1	PC		1X250X250	
15	5241880102	COVER	1	PC	1,788 KG		
20	00000003925	BOLT A3C	6	PC		M 12 X 30	ISO4017



02400112a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	5360520080	GASKET	1	PC			
15	5241880502	COVER	1	PC			
20	00000003021	HEX SCREW	6	PC	23,700 G	M 10 X 25	ISO4017



02400364a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	524SK0948	BEARING CAP	1	PC	3,965 KG			
15	700429135000	O-RING	1	PC	19,055 G		135 X 5	MMN429
20	000000003924	BOLT A3C	1	PC	32,400 G		M 12 X 25	ISO4017
30	000000003926	BOLT HEX A3C	2	PC	55,600 G		M 12 X 55	ISO4017
40	000125013012	WASHER	2	PC	5,320 G	MN	A 13	DIN125
50	000000004744	HEX NUT	2	PC	32 G		M 12	ISO4032

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
50	X59302400016/75	EQUIPMENT RACK PRIMED		1	PC				
70	000908018002	PLUG		1	PC	29,800 KG		M 18 X 1,5	DIN908
80	007603018101	COPPER SEALING RING		1	PC	1,300 G		A 18 X 22	DIN7603
100	5241880080	GASKET		1	PC			1X250X250	
120	5241880102	COVER		1	PC	1,788 KG			
130	000000003925	BOLT A3C		6	PC			M 12 X 30	ISO4017
170	700429083000	O-RING		2	PC			83 X 5	MMN429
180	200939012003	STUD		6	PC			M 12 X 30	DIN939
190	204014012008	HEX SCREW		2	PC	155 G		M 12 X170	ISO4014
200	200433013000	WASHER		6	PC			13	DIN433
210	204032012000	NUT HEX ZNPH R5F		6	PC			M 12	ISO4032
230	000000000904	BOLT HEX ZHPH R5F		2	PC	75 G		M 12 X 80	ISO4017
240	000908038000	THREAD PLUG		2	PC	150,800 KG		M 38 X 1,5	DIN908
250	007603038101	COPPER SEALING RING		2	PC	5,400 G		A 38 X 44	DIN7603
280	204017016000	BOLT ZNPH R5F HEX		2	PC	248.450 G		M 16 X160	ISO4017
300	007603014102	COPPER SEALING RING		4	PC	1 G		A 14 X 18	DIN7603
310	700223006000	BOLT BANJO A8 S2000/4000		2	PC	38,800 G		A 8	MMN223
320	5281800519	TUBE ASM OIL LINE	20V4000	1	PC	200 G	SB		
340	700325012100	CLAMP HALF TUBE 1/1 D9-12		2	PC	25 G		1/1 D 9 - 12	MMN325
350	700327008000	GROMMET		1	PC	2,300 G		8	MMN327
360	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017

EQUI TYPE: Engine

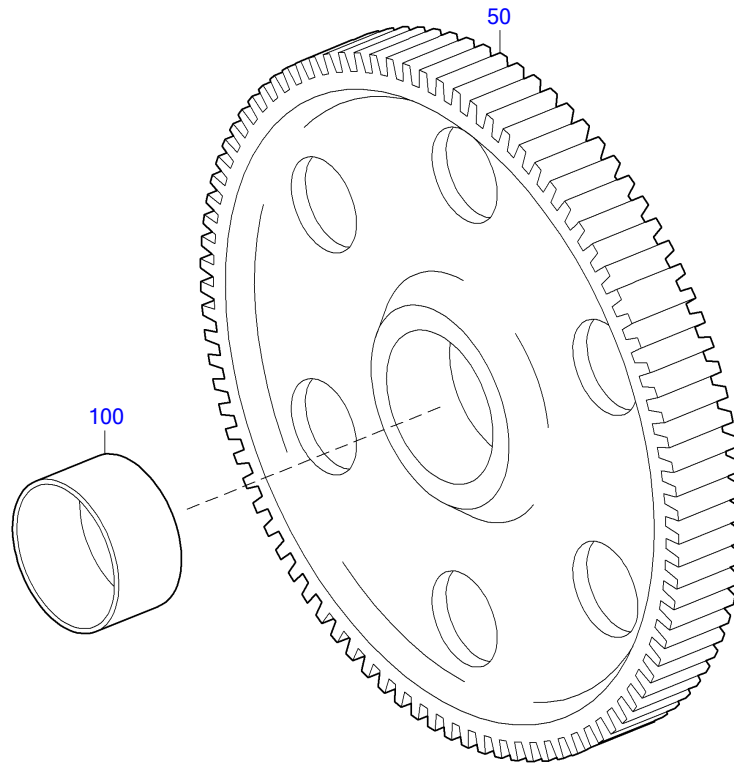
PRODUCT TYPE: 16V4000M23S
EQUIPMENT RACK PRIMED

SERIAL NUMBER: 527110276

FG/FGS:

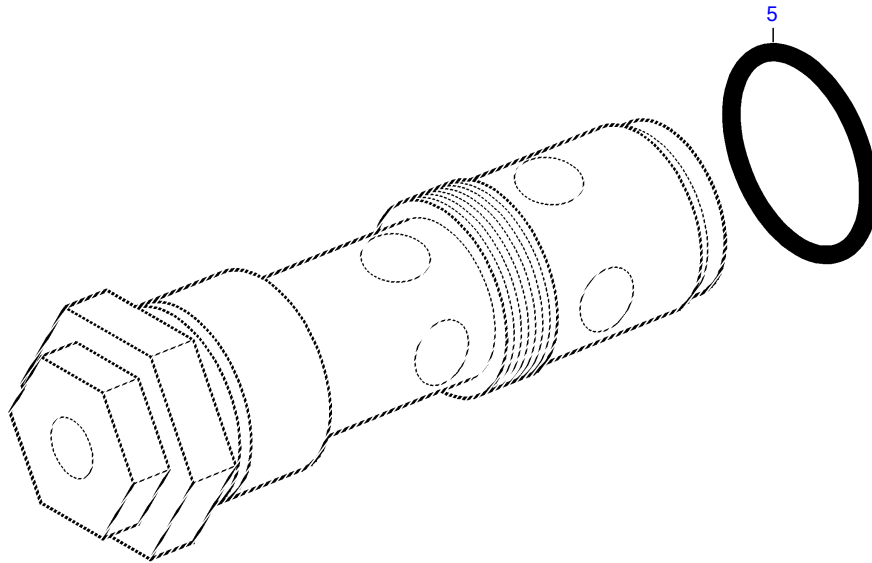
BOM-No.: X59302400016/75

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	X59302400011/75	EQUIPMENT RACK PRIMED	1	PC			
200	5240332630	CRANKSHAFT BEARING AUX PTO END	1	PC	2,500 KG		
250	X59305200001	IDLER GEAR	2	PC	19,300 KG		
300	X59302400005	AXLE	2	PC	4,694 KG		
350	700429024000	O-RING	2	PC	3,900 G	24 X 5	MMN429
400	700429083000	O-RING	2	PC		83 X 5	MMN429
450	304017010035	HEX BOLT	6	PC	32 G	M 10 X 45	ISO4017
500	5241800015	PRESSURE VALVE ASSY.	2	PC	392,900 G	2.5 BAR	
550	700429048000	O-RING	2	PC	4,650 G	48 X 4	MMN429
600	700429040000	O-RING	2	PC	2,350 G	40 X 3	MMN429
650	000472048000	RING SNAP	2	PC	5 G	48 X 1,75	DIN472
700	000908052003	THREAD PLUG	5	PC	308,500 KG	M 52 X 1,5	DIN908
750	007603052101	COPPER SEALING RING	5	PC	12,300 G	A 52 X 60	DIN7603
800	000908038000	THREAD PLUG	2	PC	150,800 KG	M 38 X 1,5	DIN908
850	007603038101	COPPER SEALING RING	2	PC	5,400 G	A 38 X 44	DIN7603
900	000908026005	THREAD PLUG	4	PC	69,900 KG	M 26 X 1,5	DIN908
950	007603026104	COPPER SEALING RING	4	PC	3,100 G	A 26 X 31	DIN7603
1000	735210014000	THREAD PLUG	3	PC	19,100 KG	M 14 X 1,5	MTN5210
1050	0001800015	PRESSURE REDUCING VALVE ASSY.	1	PC			
1100	000908014001	THREAD PLUG	1	PC	16,100 KG	M 14 X 1,5	DIN908
1150	007603014102	COPPER SEALING RING	1	PC	1 G	A 14 X 18	DIN7603



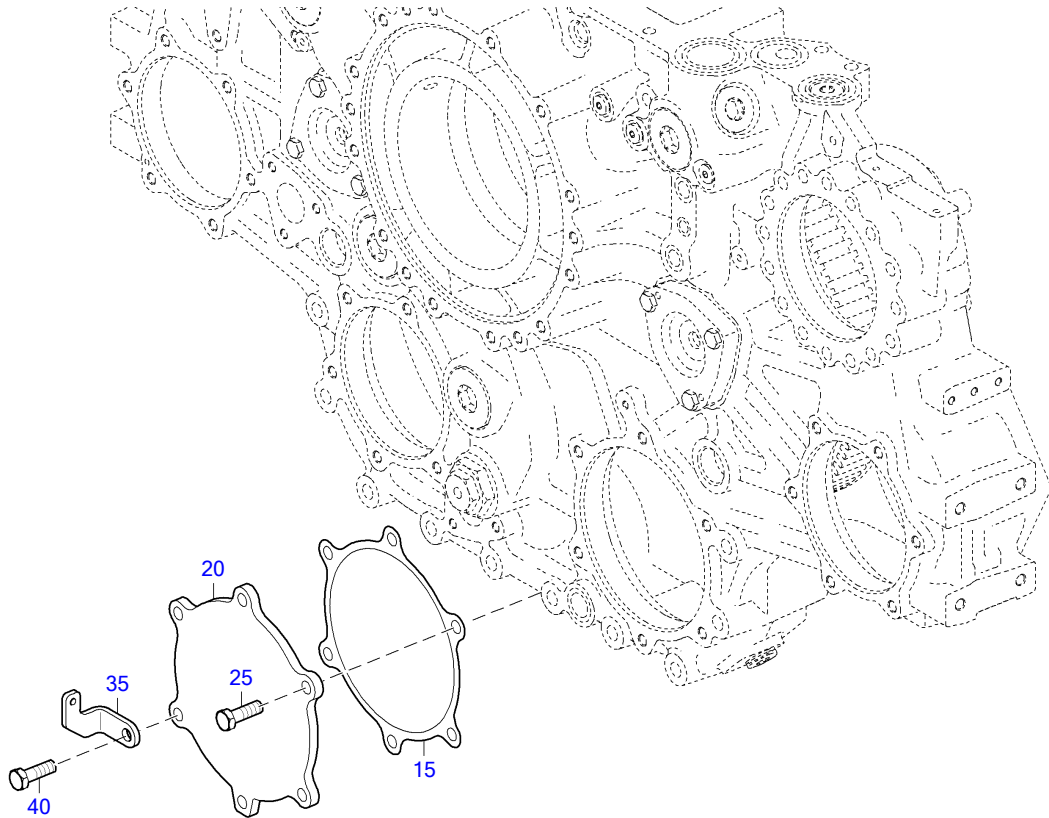
02400351b

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
50	X59305200003	IDLER GEAR	1	PC	
100	X59305200002	BUSHING	1	PC	266 G



024K0009a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
5	700429037000	O-RING	1	PC	3,380 G	37,7 X 3,53	MMN429

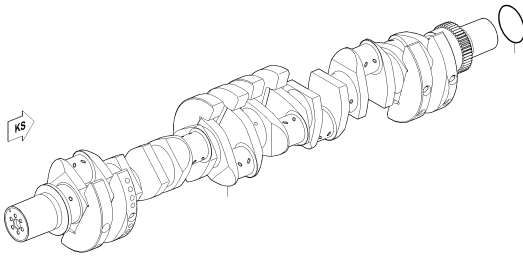


02400439

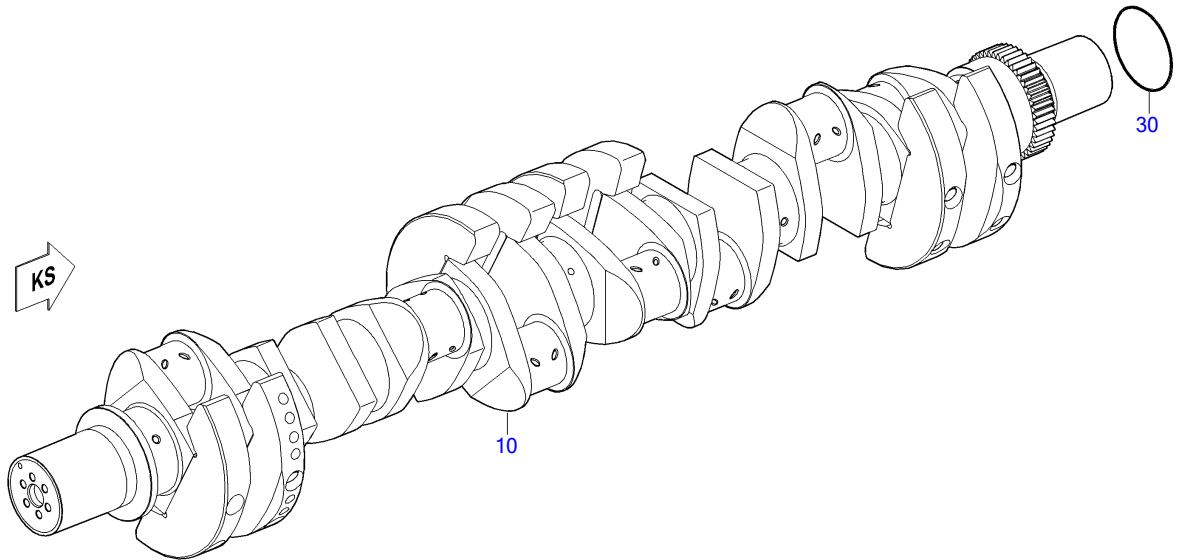
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
15	5281880080	GASKET		1	PC	12,360 G		
20	5281880102	COVER	20V4000	1	PC	3,025 KG		
25	00000003925	BOLT A3C		5	PC		M 12 X 30	ISO4017
35	X59399100108	RETAINER		1	PC	103 G		
40	00000003381	BOLT HEX A3C		1	PC	41 G	M 12 X 35	ISO4017

GROUP NUMBER (FG)
GROUP NAME
BOM-No.

CRANKSHAFT DNV ACCEPTANCE
XS527030.00024

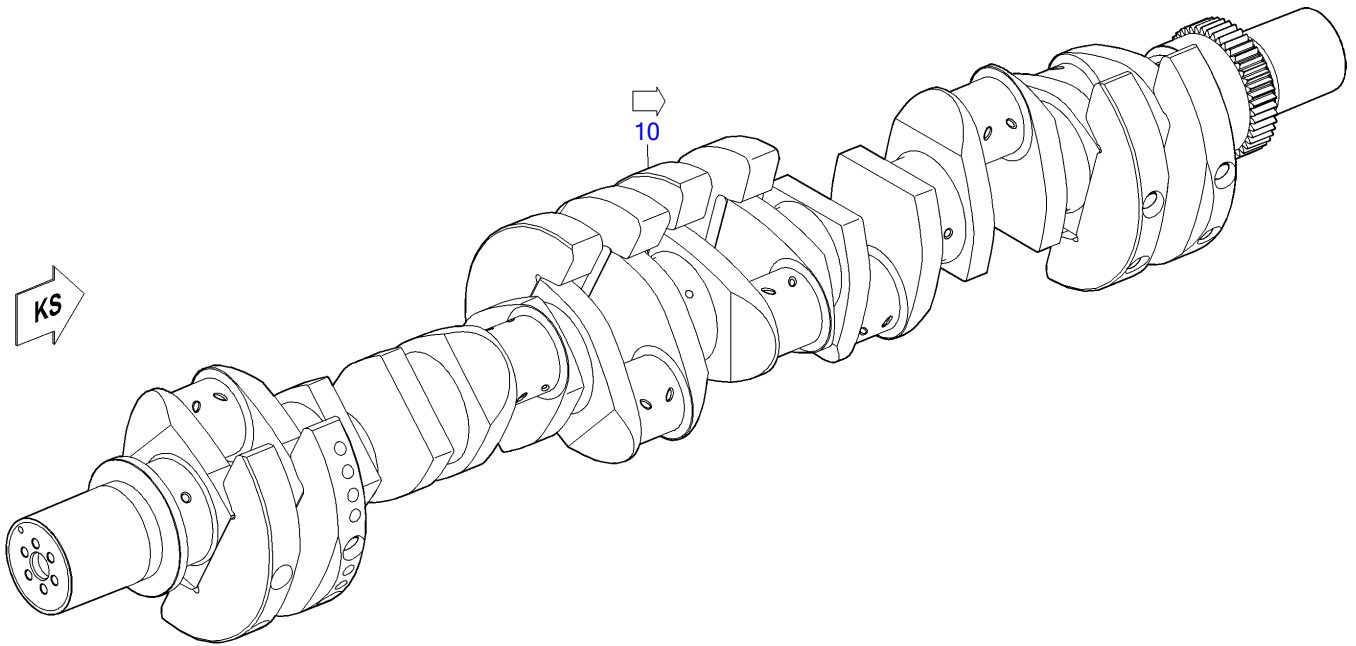


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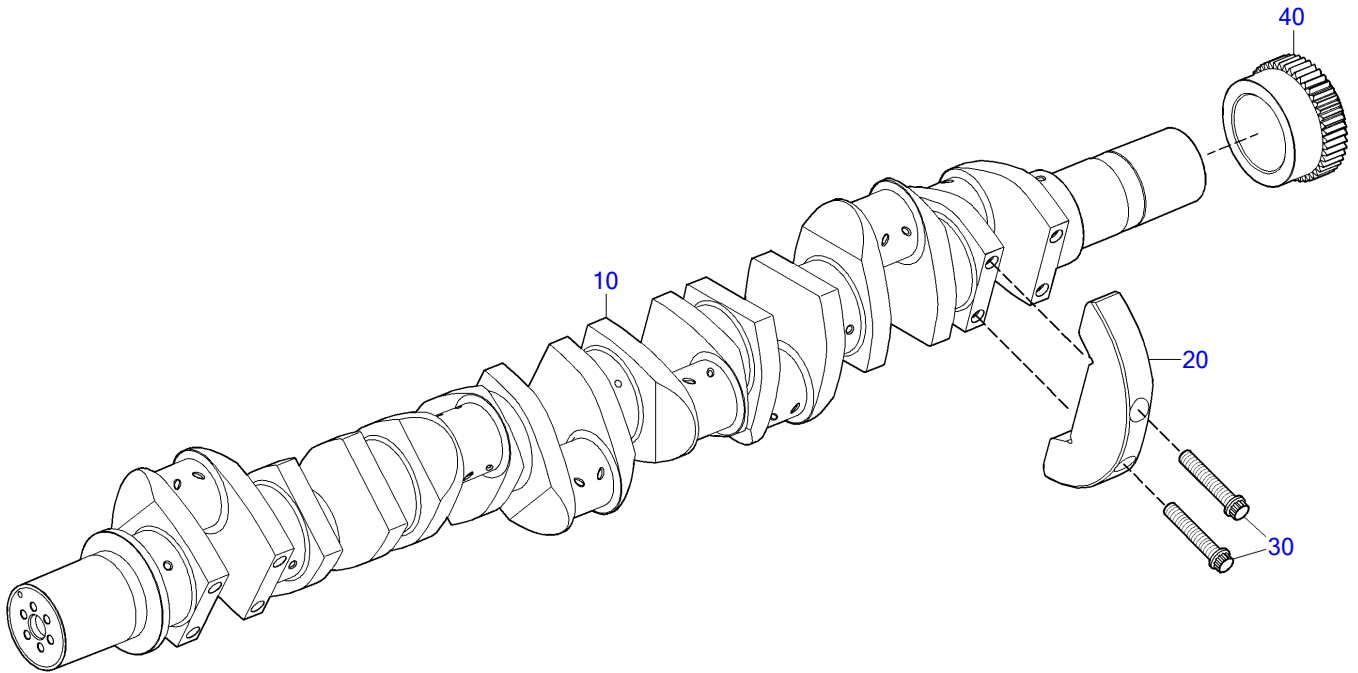
03100451a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	X52703100001/33	CRANKSHAFT DNV ACCEPTANCE	16V4000-03 LH	1	PC		EM		
30	700429150000	O-RING		1	PC	13,800 G		150 X 4	MMN429



03100395c

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	FN
10	X52703100001	CRANKSHAFT	16V4000-03 LH	1	PC	EM



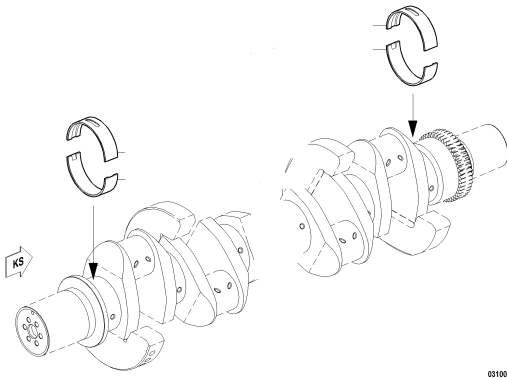
03100396c

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	STANDARD
10	X52703100002	CRANKSHAFT	16V4000-03 LH	1	PC		EM	
20	5240310507	COUNTERWEIGHT		8	PC	16,500 KG		
30	5240310171	BOLT 12 PT HD		16	PC	557 G		
40	5240520503	GEAR CRANKSHAFT		1	PC	12,100 KG	EM	MMN396.2

GROUP NUMBER (FG)

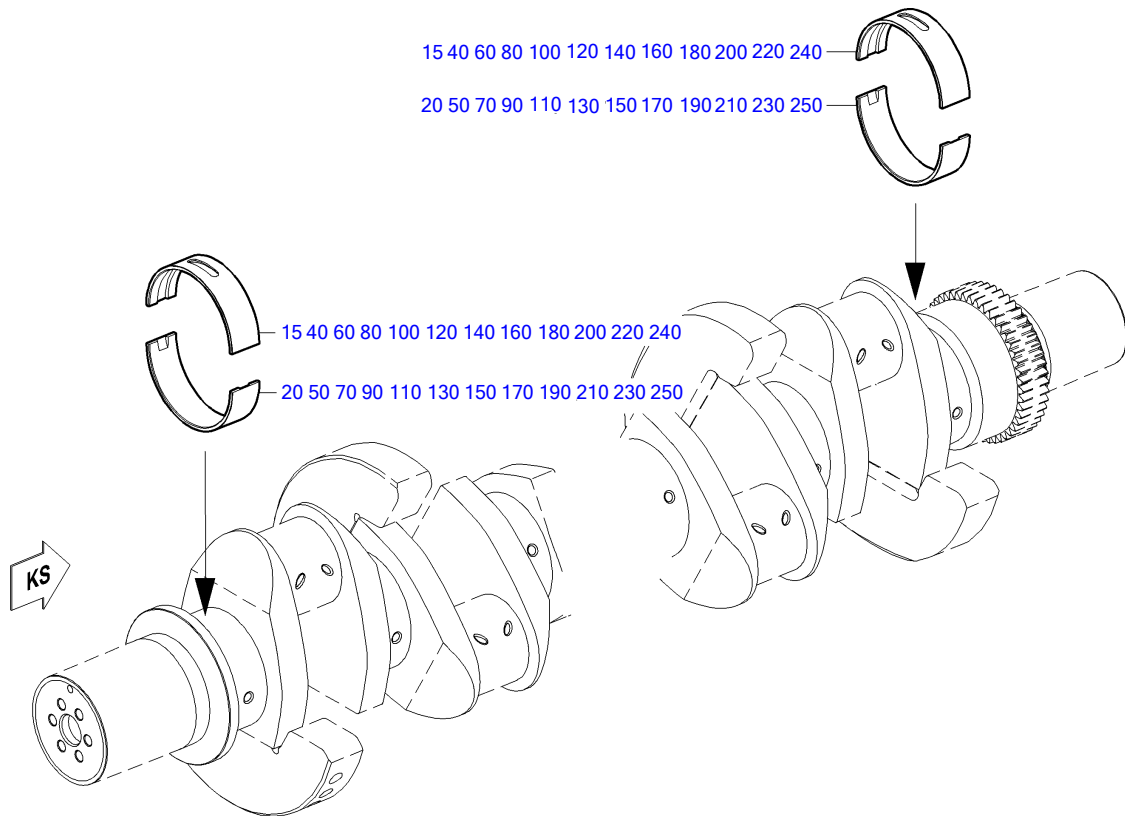
GROUP NAME

BOM-No.



MAIN BEARING
X00011303

0310030a



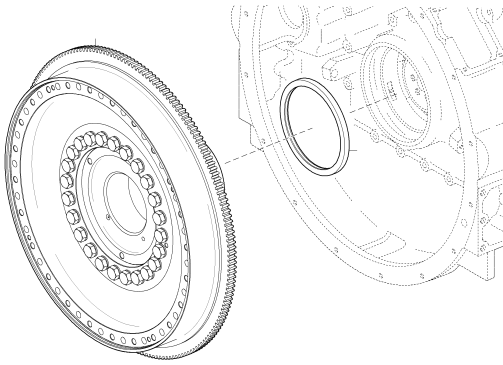
03100390a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN
15	5240336101	CRANKSHAFT BEARING UPPER HALF	9	PC	375 G	
20	5240336602	CRANKSHAFT BEARING LOWER HALF	9	PC	375 G	
40	5240336201	CRANKSHAFT BEARING SIZE 0-1	1	PC	44 G	M
50	5240336702	CRANKSHAFT BEARING SIZE 0-1	1	PC	600 G	M
60	5240336301	CRANKSHAFT BEARING SIZE 0-2	1	PC	477 G	M
70	5240336802	CRANKSHAFT BEARING SIZE 0-2	1	PC	627 G	M
80	5240336401	CRANKSHAFT BEARING SIZE 0-3	1	PC	482 G	M
90	5240336902	CRANKSHAFT BEARING SIZE 0-3	1	PC	647 G	M
100	5240336501	CRANKSHAFT BEARING SIZE 1-0	1	PC	450 G	M
110	5240337002	CRANKSHAFT BEARING SIZE 1-0	1	PC	54 G	M
120	5240336601	CRANKSHAFT BEARING SIZE 1-1	1	PC	457,500 G	M
130	5240337102	CRANKSHAFT BEARING SIZE 1-1	1	PC	620 G	M
140	5240336701	CRANKSHAFT BEARING SIZE 1-2	1	PC	480 G	M
150	5240337202	CRANKSHAFT BEARING SIZE 1-2	1	PC	1 KG	M
160	5240336801	CRANKSHAFT BEARING SIZE 1-3	1	PC	1 KG	M
170	5240337302	CRANKSHAFT BEARING SIZE 1-3	1	PC	720 G	M
180	5240336901	CRANKSHAFT BEARING SIZE 2-0	1	PC	470 G	M
190	5240337402	CRANKSHAFT BEARING SIZE 2-0	1	PC	620 G	M
200	5240337001	CRANKSHAFT BEARING SIZE 2-1	1	PC	470 G	M
210	5240337502	CRANKSHAFT BEARING SIZE 2-1	1	PC	640 G	M
220	5240337101	CRANKSHAFT BEARING SIZE 2-2	1	PC	580 G	M
230	5240337602	CRANKSHAFT BEARING SIZE 2-2	1	PC	675 G	M
240	5240337201	CRANKSHAFT BEARING SIZE 2-3	1	PC	840 G	M
250	5240337702	CRANKSHAFT BEARING SIZE 2-3	1	PC	685 G	M

GROUP NUMBER (FG)

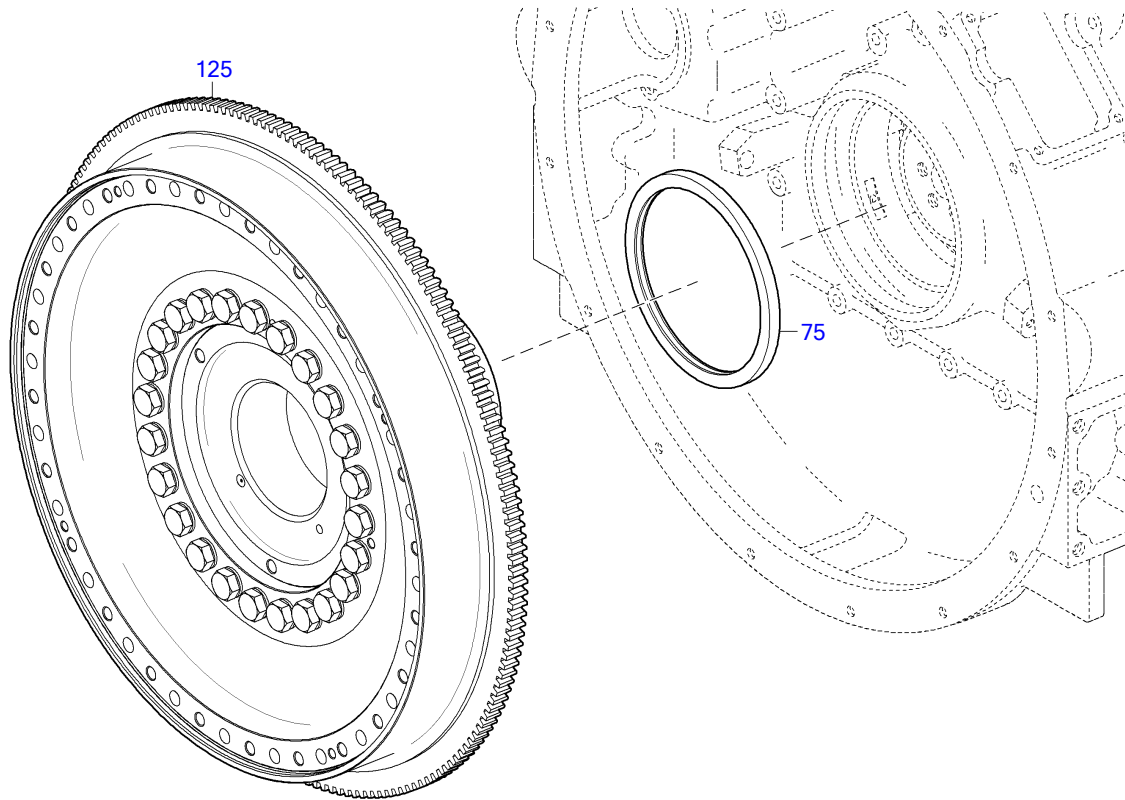
GROUP NAME

BOM-No.



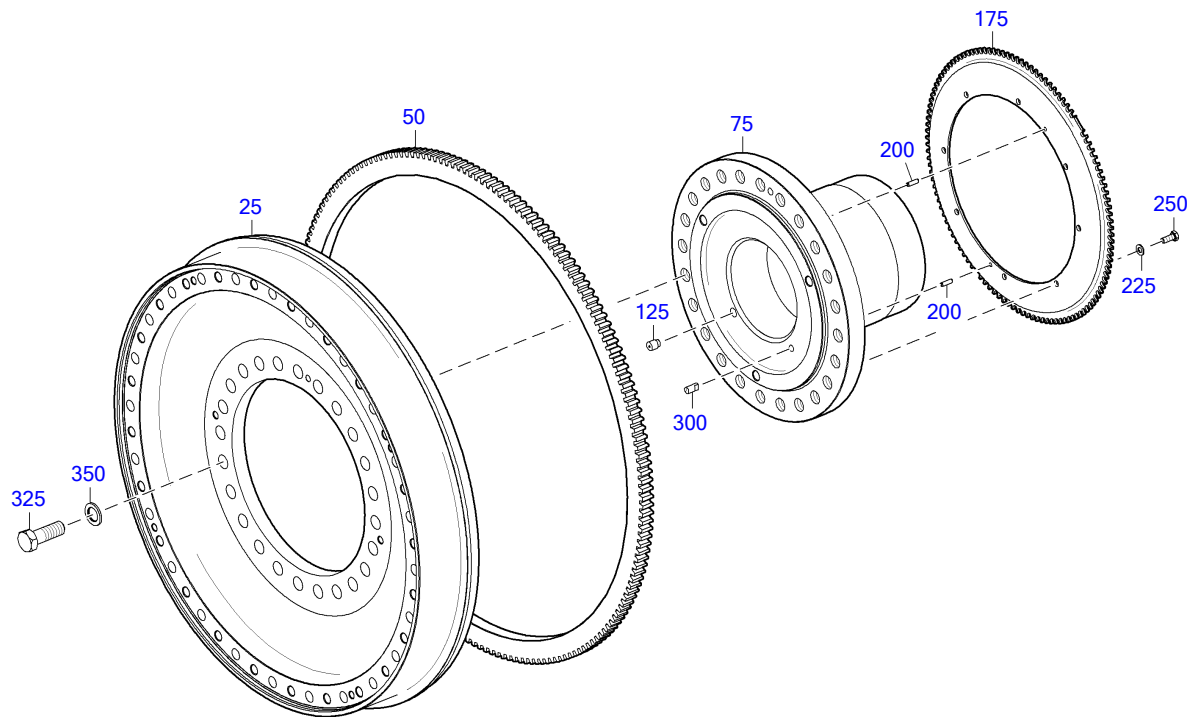
FLYWHEEL TWO-PIECE
XS594030.00069

03200252d



03200252d

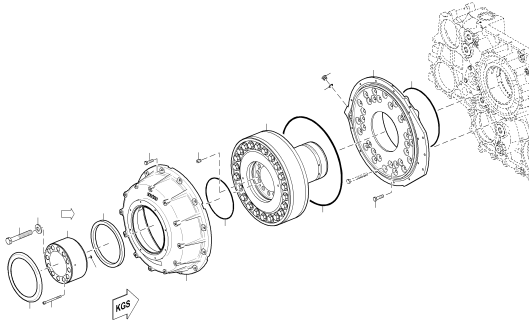
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT
75	0219976647	SEAL RING CRANKSHAFT REAR	PTEF-MANSCHETTE	1	PC		DM 210
125	X59403200003/42	FLYWHEEL W/ACCEPT CERTIFICAT		1	PC	154,200 KG	



03200397

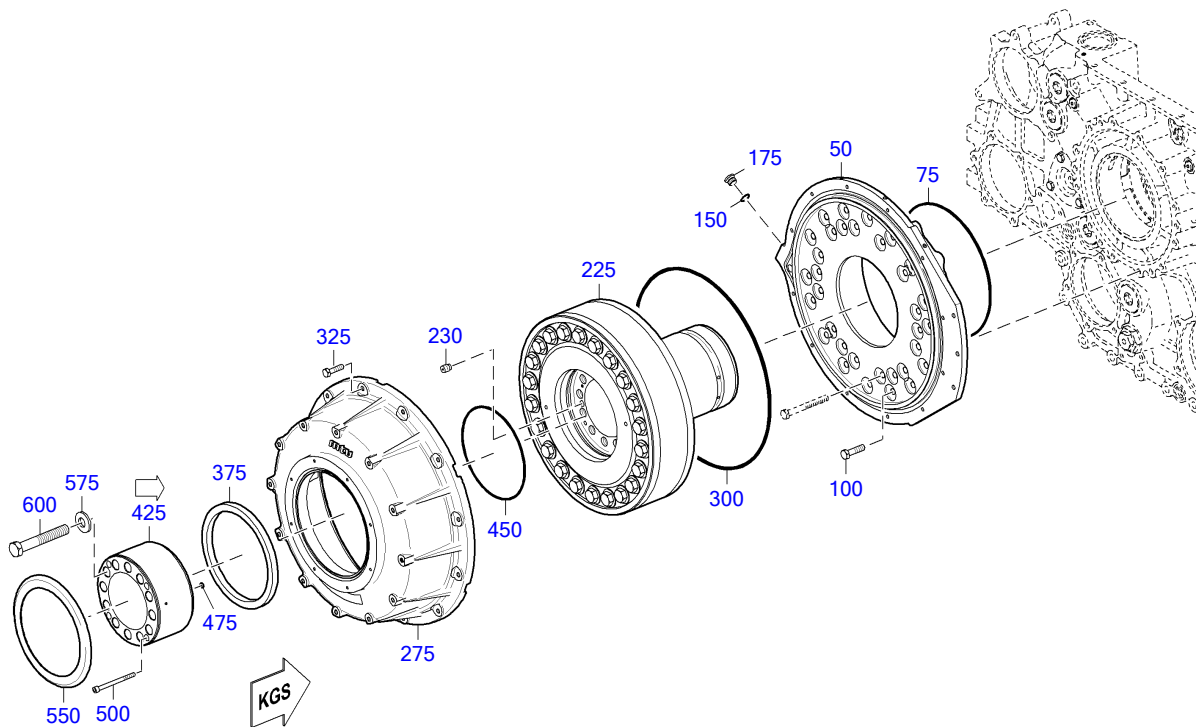
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
25	X00041899/41	FLYWHEEL W/ACCEPT CERTIFICAT	1	PC				
50	5240320705	RING GEAR	1	PC	12,550 KG			
75	X52603200006/42	PTO FLANGE W/ACCEPT CERTIFICAT	1	PC				
125	5769970219	PLUG HEX SOC HD G1/4 17.5 X 11 42CRM04	1	PC	12,100 G			
175	5240311148	WHEEL MDEC TRS METERING CRANKSHAFT	1	PC	2,220 KG	EM		
200	001481006004	PIN SPRING	2	PC	2,520 G		6 X 20 - N	ISO8752
225	000125008427	WASHER	8	PC	1,500 G		A 8,4	DIN125
250	304017008079	BOLT HEX	8	PC	12,370 G		M 8 X 20	ISO4017
300	8809970210	DOWEL PIN	1	PC	11,630 G			
325	000000003976	HEX SCREW	24	PC	185 G		M 20 X 55	ISO4017
350	200433021000	WASHER	24	PC	12,400 G		21	DIN433

GROUP NUMBER (FG)
GROUP NAME
BOM-No.



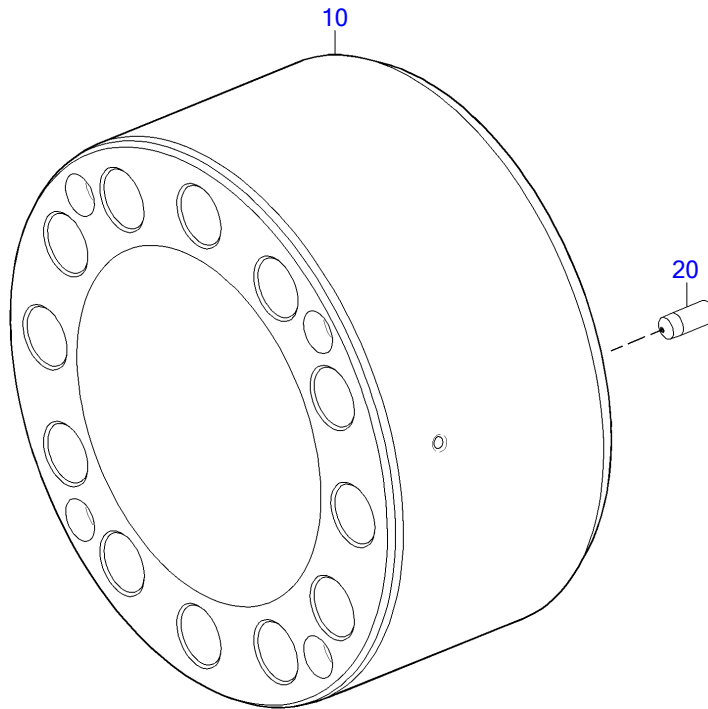
VIBRATION DAMPER
XS595030.00029

03500603



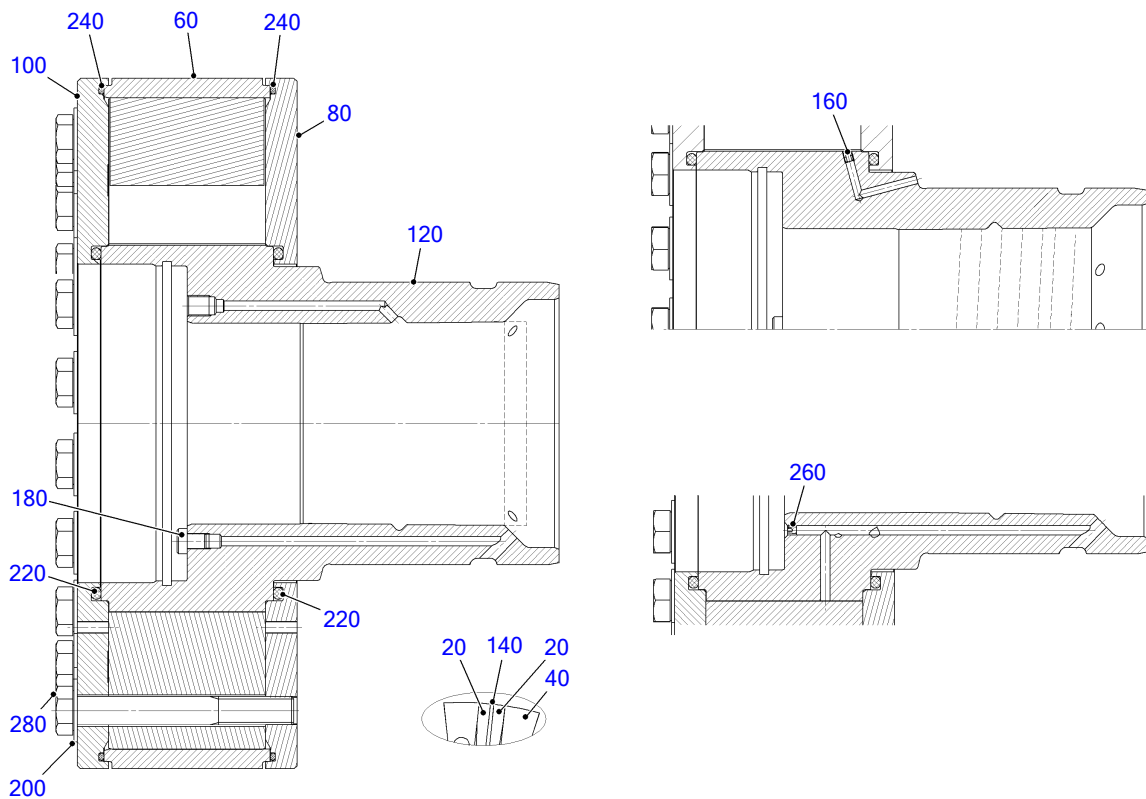
03500603

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	X59499100480	FLANGE F.VIB.DAMPER HOUSIN		1	PC	20,100 KG		
75	700429290000	O-RING		1	PC	26 G	290 X 4	MMN429
100	304017012018	BOLT HEX		6	PC	52 G	M 12 X 50	ISO4017
150	007603020103	WASHER A COP		1	PC	2,430 G	A 20 X 26	DIN7603
175	000908020000	PLUG		1	PC	39 KG	M 20 X 1,5	DIN908
225	X59403500006	VIBRATION DAMPER	D44/8/2	1	PC	148 KG		
227	EX59403500006	VIBRATION DAMPER		1	PC	148 KG		
230	5769970219	PLUG HEX SOC HD G1/4 17.5 X 11 42CRM04		1	PC	12,100 G		
275	X52703500001	DAMPER VIBRATION HSG G73		1	PC	36,780 KG		
300	700429480000	O-RING		1	PC	68 G	480 X 5	MMN429
325	304017008085	BOLT HEX		12	PC	18 G	M 8 X 40	ISO4017
375	0219976547	SEAL RING CRANKSHAFT FRONT AUX PTO	PTFE-MANSCHETTE	1	PC	289 G	DM200	
425	X52799100002	FLANGE FOR FREE END PTO		1	PC	14,720 KG		
450	700429200002	O-RING		1	PC	18,600 G	200 X 4	MMN429
475	700429008003	O-RING		1	PC	0,500 G	8 X 2,5	MMN429
500	200912008000	SCREW		4	PC	55 G	M 8 X130	DIN912
550	X52699100108	PLATE GUARD G73		1	PC	319 G		
575	206796020000	CONICL SPRING WASHER		3	PC	45 G	20	DIN6796
600	204017020013	HEX SCREW		3	PC	400,200 G	M 20 X160	ISO4017



03500302b

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
10	X52799100001	FLANGE FOR FREE END PTO	1	PC	
20	5280310023	NOZZLE OIL C23	1	PC	4,800 G



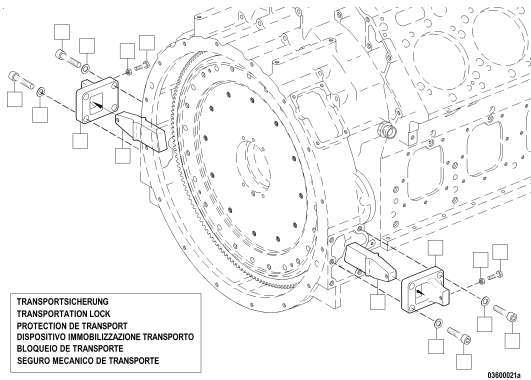
03500561

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
20	XP52725100089	SPRING LEAF	44	PC				
40	XP52725100090	INTERMEDIATE MEMBER	22	PC				
60	XP52725100091	CLAMPING RING	1	PC				
80	XP52825100033	FLANGE	1	PC		AC		
100	XP52725100092	SIDE PLATE	1	PC				
120	XP52725100093	INNER STAR	1	PC				
140	XP52725100094	SHIM	22	PC				
160	XP52725100095	OIL NOZZLE	4	PC			M6- D 3.0	
180	Z=VSTI M-ED	NIPPLE	1	PC		AC	M 10 X 1	
200	Z=40X19X2	DISC WASHER (VULKAN)	22	PC	14,700 G			
220	X00035257	O-RING	2	PC	5 G		7 X 208	
240	700429420000	O-RING	2	PC	37 G		420 X 4	MMN429
260	XP52203500025	PLUG	4	PC			DICHTSTOPFEN 6	
280	XP52725100096	HEX SCREW	22	PC			M 18 X 140	ENISO4014

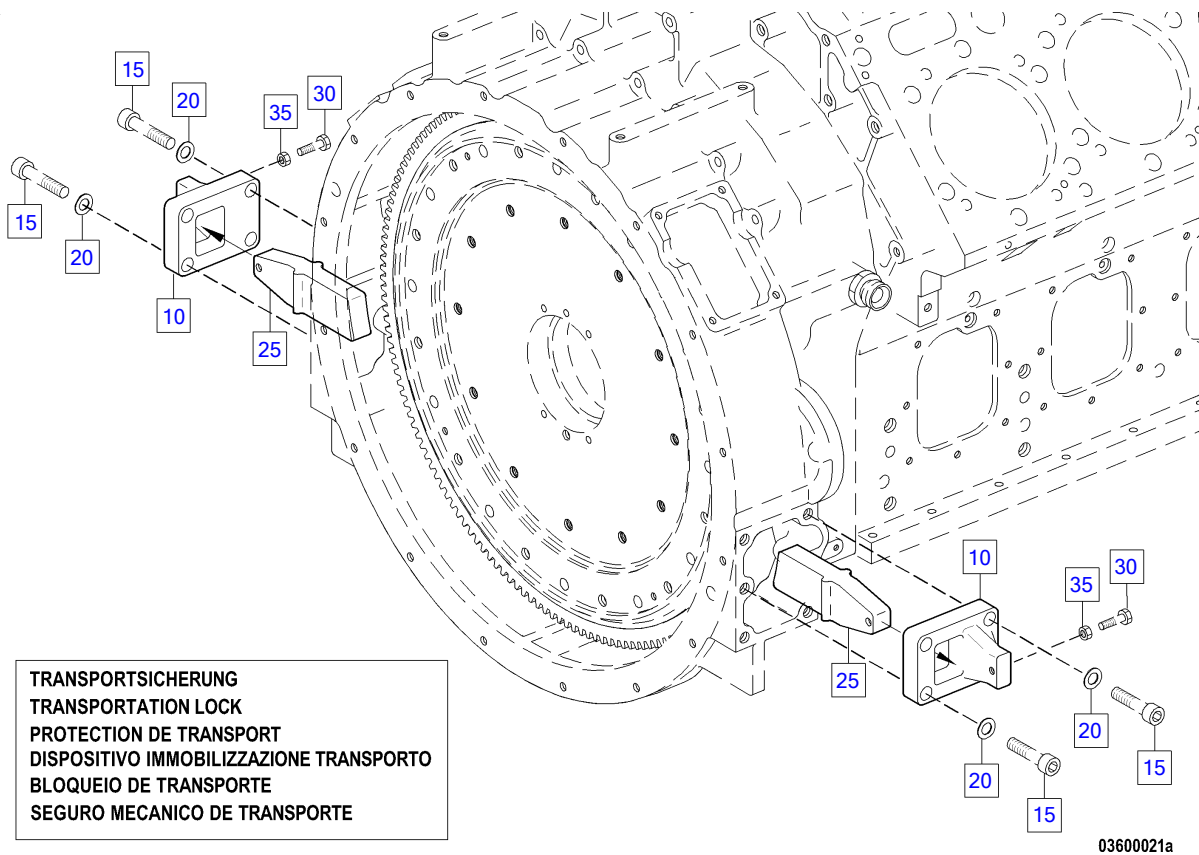
GROUP NUMBER (FG)

GROUP NAME

BOM-No.



TRANSPORTATION LOCK
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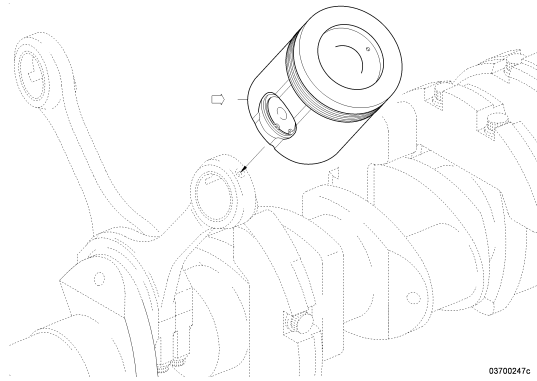


POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	5242370435	PLATE	8/12/16V4000	2	PC	3,258 KG		
15	000912016045	BOLT HEX SOC HD		8	PC	116 G	M 16 X 55	DIN912
20	000125017014	WASHER		8	PC	10 G	A 17	DIN125
25	5242370940	RETAINER	8/12/16V40000	2	PC	2,690 KG		
30	000933010144	BOLT HEX		2	PC	40,800 G	M 10 X 60	DIN933
35	000934010007	NUT HEX		2	PC	10,300 G	M 10	DIN934

GROUP NUMBER (FG)

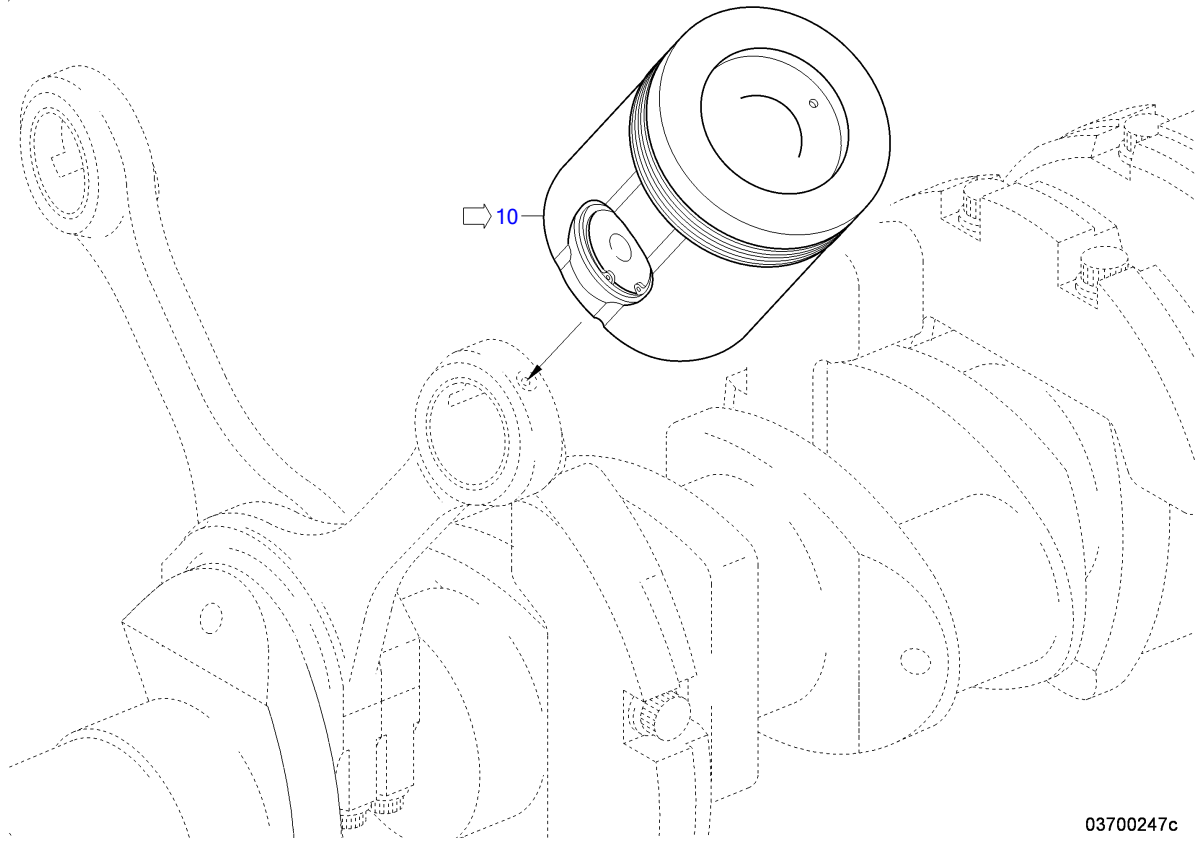
GROUP NAME

BOM-No.



PISTON
XS527030.00036

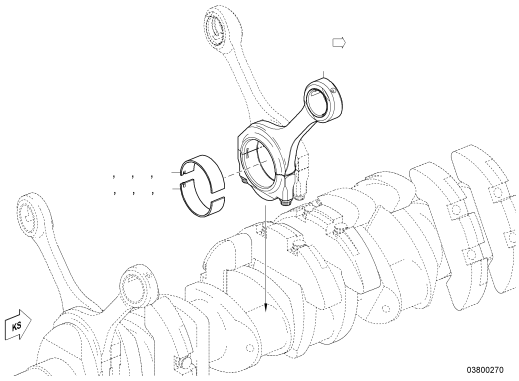
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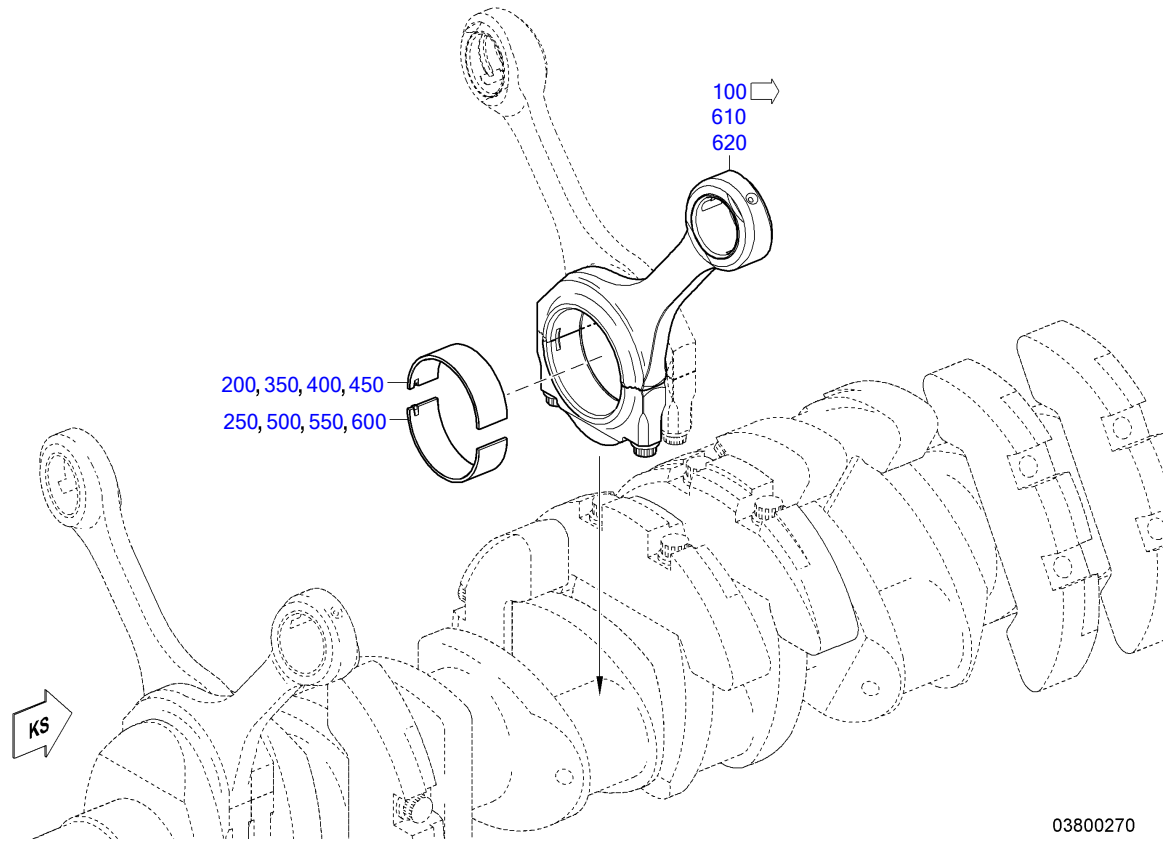
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POS.	PART NO.	DESIGNATION	QTY.	UNITS	FN
10	X59303700183	PISTON	16	PC	EM

GROUP NUMBER (FG)
GROUP NAME
BOM-No.

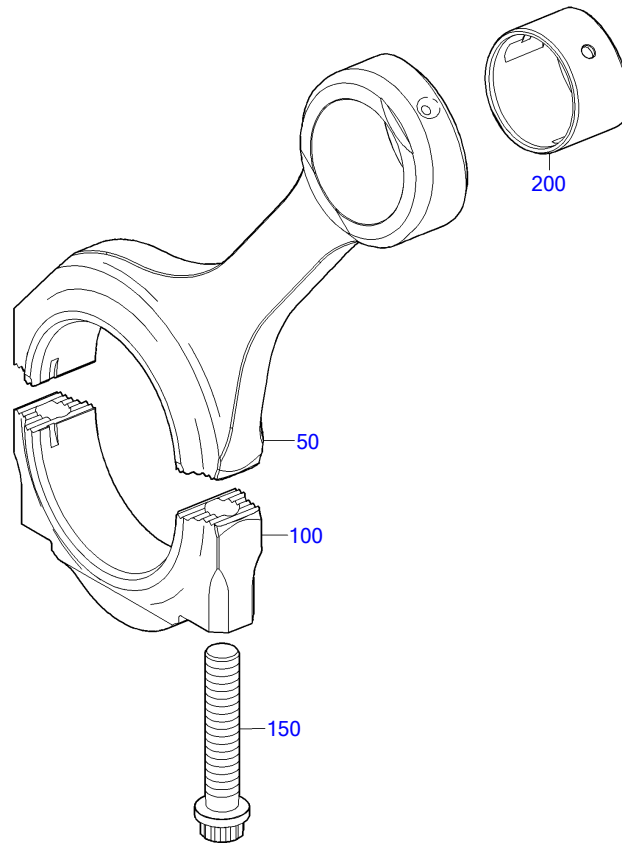


CONROD FOR 16V
XS527030.00001



03800270

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN
100	X52603800010/42	CONROD ASM	BR4000 LANGHUB	16	PC		EM
200	5240384110	CONROD BEARING UPPER HALF		16	PC	260 G	
250	X00043218	CONROD BEARING SIZE 0-0	UNTERE HAELFTE	16	PC	280 G	
350	5240384210	CONROD BEARING SIZE 0-1		1	PC	320 G	M
400	5240384310	CONROD BEARING SIZE 0-2	OBERE HAELFTE	1	PC	292 G	M
450	5240384410	CONROD BEARING SIZE 0-3		1	PC	362 G	M
500	X00043219	CONROD BEARING SIZE 0-1	UNTERE HAELFTE	1	PC	320 G	M
550	X00043220	CONROD BEARING SIZE 0-2	UNTERE HAELFTE	1	PC	322 G	M
600	X00043221	CONROD BEARING SIZE 0-3	UNTERE HAELFTE	1	PC	340 G	M
610	RX00040057/42	CONROD ASM		1	PC		MN EM
620	RX52603800010/42	CONROD ASM		1	PC		MN EM



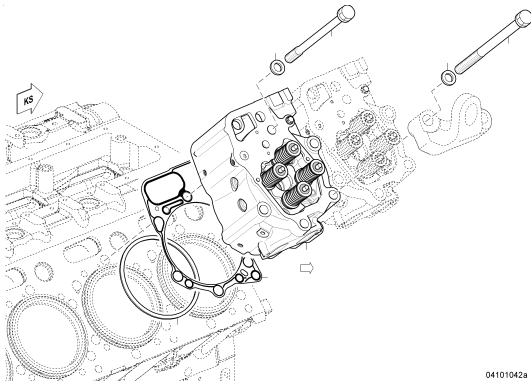
03800045c

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN
50	X52603800011/42	CONROD	1	PC		EM
100	X52603800012	CONROD CAP	1	PC		M
150	5240380471	BOLT M20 1.50 X 103.0 LG 18 CONROD	2	PC	313 G	
200	5240382550	BUSHING CON ROD 75.00	1	PC	317 G	M

GROUP NUMBER (FG)

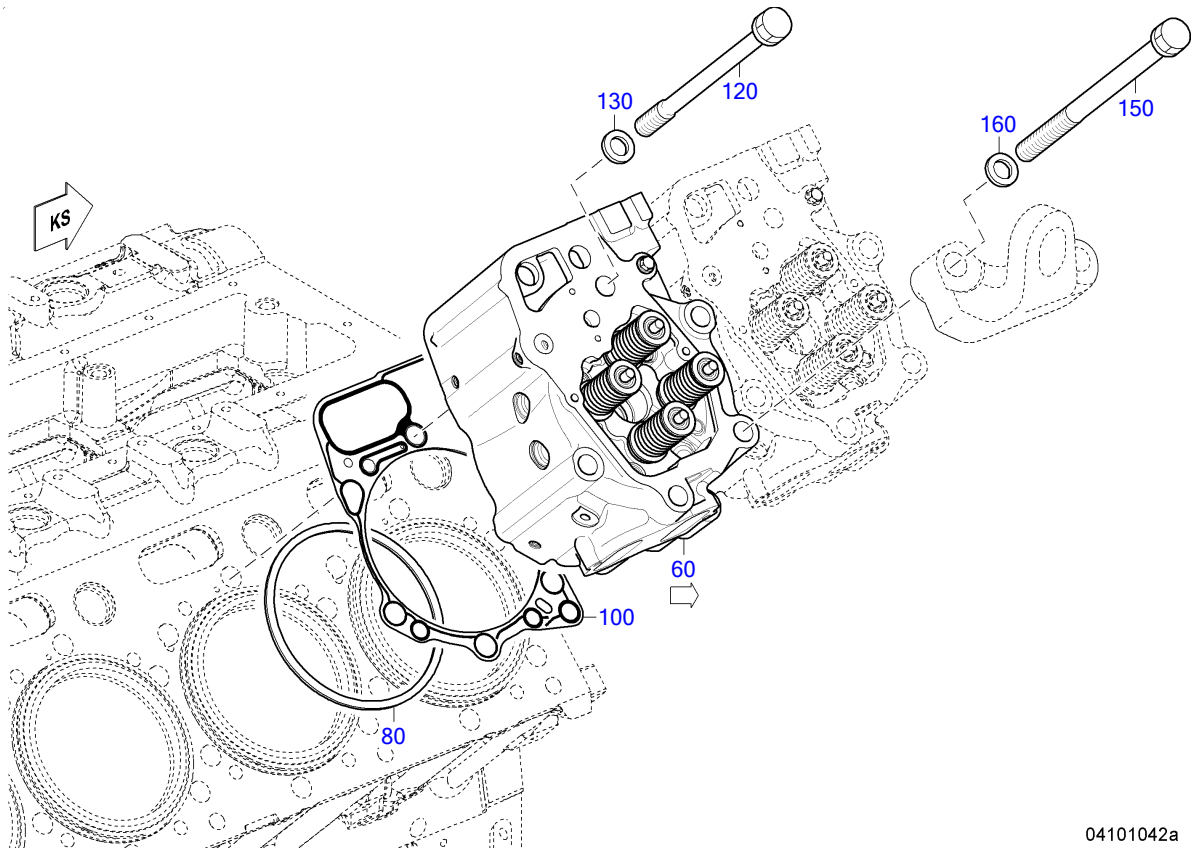
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BOM-No.



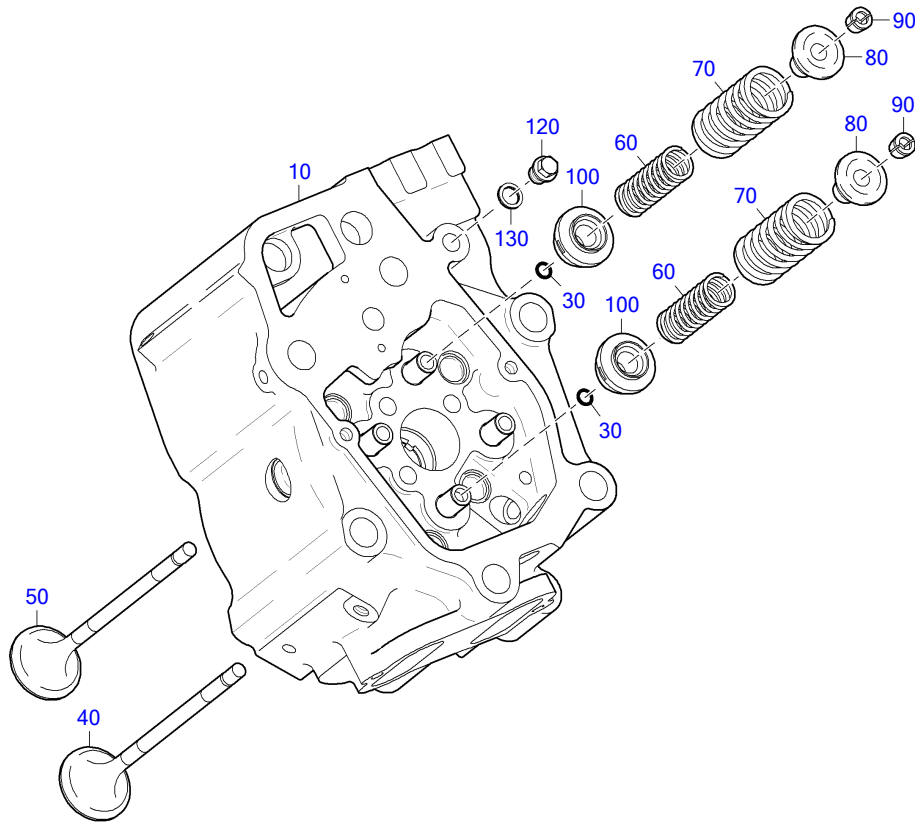
CYLINDER HEAD FOR 16V
XS595040.00012

04101042a



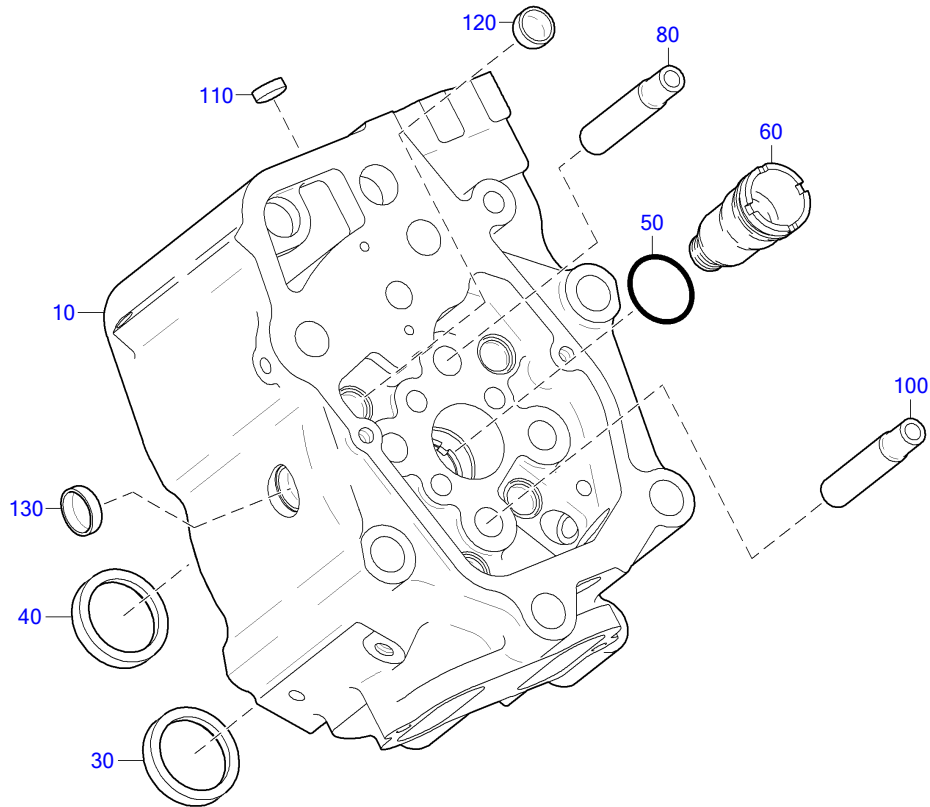
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POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
60	X52404100209	CYL.HEAD WITH VALVES	BR4000 MX03/PX03	16	PC	53,300 KG	EM	MIT LECKAGEBOHRUNG
80	5240160319	SEALING RING SIZE 0		16	PC		EM	
100	X52404200043	GASKET FOR CYLINDER HEAD		16	PC			
120	X52404200005	SCREW		84	PC	0,855 KG		
130	5240110062	WASHER THRUST		84	PC	26 G		
150	5240160069	BOLT HEX CYL HD		12	PC	1,100 KG		M22X2X333
160	5240110062	WASHER THRUST		12	PC	26 G		



04101134

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	X52404100208	CYLINDER HEAD W/VALVE GUIDES		1	PC		EM		
30	700429010004	O-RING		2	PC	0,100 G		10,78X 1,82	MMN429
40	X00042197	INLET VALVE		2	PC	340 G	EM		
50	5240530805	EXHAUST VALVE		2	PC	420 G	EM		
60	5240530122	VALVE SPRING INNER	4000	4	PC				
70	5240530120	VALVE SPRING OUTER	4000	4	PC				
80	5240530125	RETAINER VALVE SPRING		4	PC	0,034 KG			
90	0000530926	VALVE KEEPER WEDGE		8	PC	1,560 G			
100	0000534335	VALVE ROTATOR		4	PC	112 G			
120	000910014004	PLUG		1	PC	25 KG		M 14 X 1,5	DIN910
130	007603014102	COPPER SEALING RING		1	PC	1 G		A 14 X 18	DIN7603



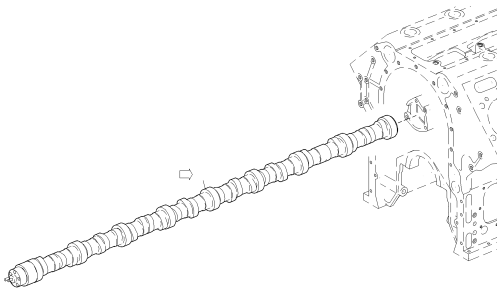
04101141

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	X52404100207	CYLINDER HEAD (ONLY MACHINED)	1	PC		EM		
30	X52404100027	VALVE SEAT INSERT INLET	2	PC	48,100 G	EM	D 58U6	
40	5240530032	VALVE SEAT INSERT EXHAUST	2	PC	33 G	EM	D 57U6	
50	735252039000	O-RING	1	PC	1,800 G		39,2 X 3	MTN5252
60	5240160153	TUBE INJECTOR	1	PC	190 G			
80		VALVE GUIDE	2	PC		EM	D 19.3R6 / D10.6+0.05	
100	5240530530	VALVE GUIDE INSERT	2	PC	0,134 KG	EM	D 19R6 / D10.6+0.05	
110	5550160633	SEALING CAP	1	PC	7,290 G		D 20	
120	5800160033	SEALING CAP	4	PC	11 G		D 24	
130	5240160233	SEALING CAP	5	PC			D 30	

GROUP NUMBER (FG)

GROUP NAME

BOM-No.



CAMSHAFT FOR 16V
XS527050.00001

05100276

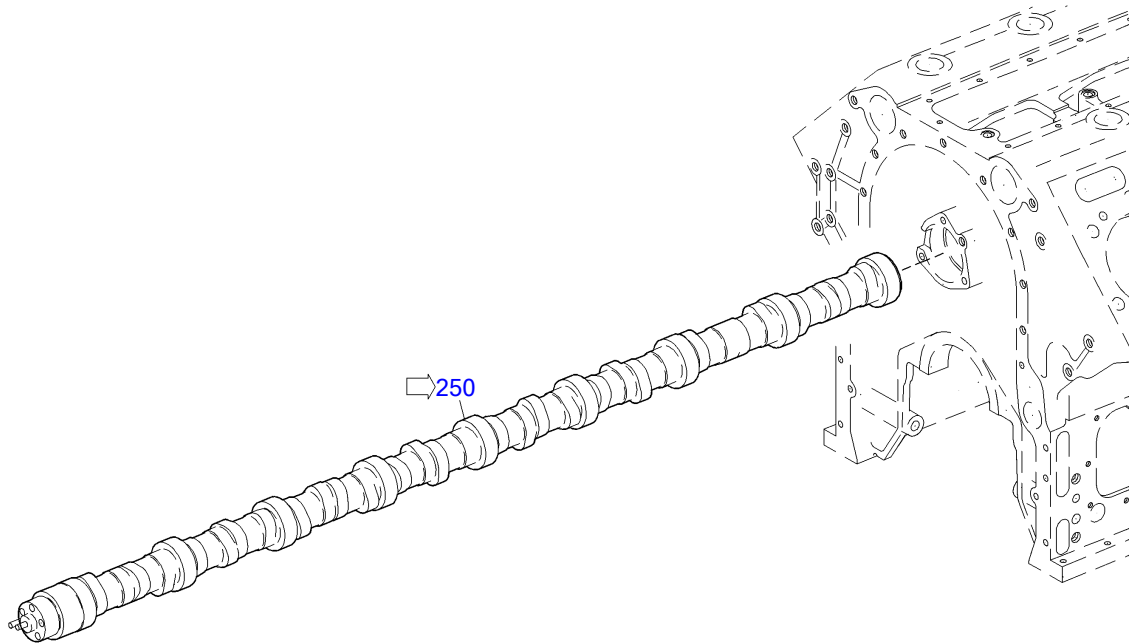
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PRODUCT TYPE: 16V4000M23S
CAMSHAFT FOR 16V

SERIAL NUMBER: 527110276

FG/FGS: 051 05

BOM-No.: XS527050.00001



05100221b

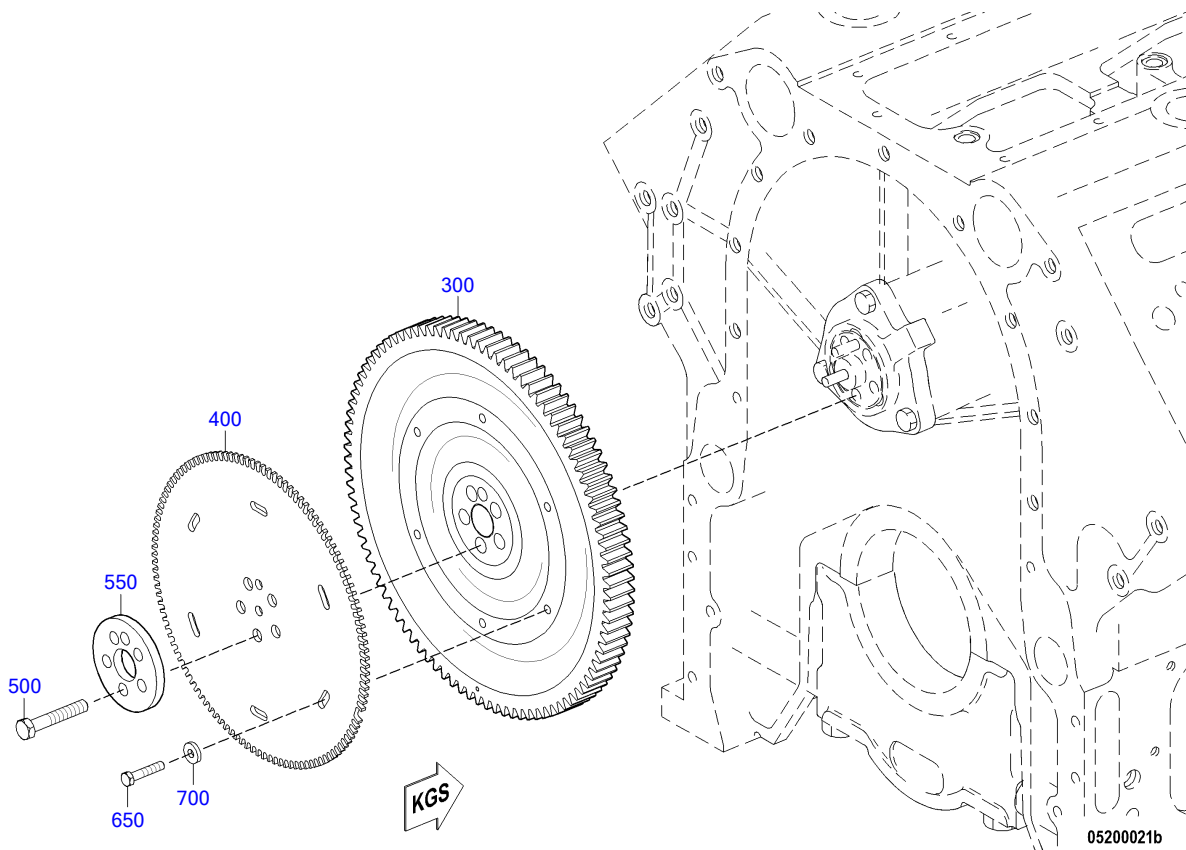
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CAMSHAFT FOR 16V

SERIAL NUMBER: 527110276

FG/FGS: 051 05

BOM-No.: XS527050.00001



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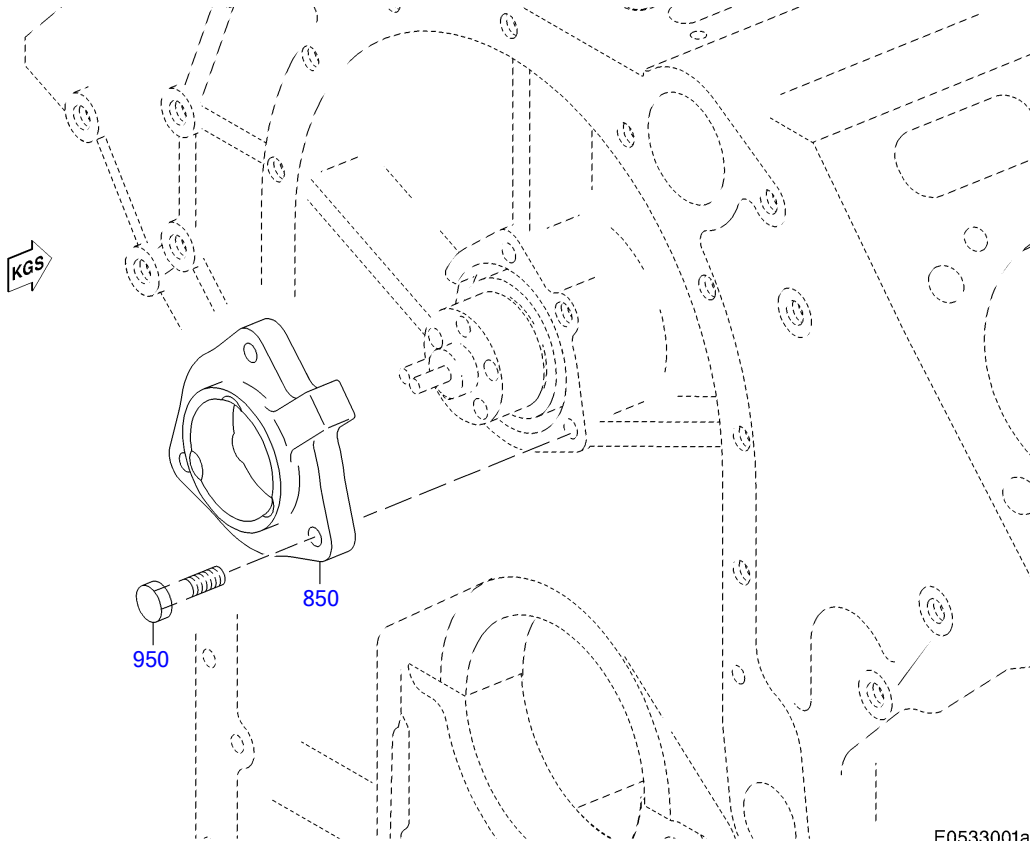
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PRODUCT TYPE: 16V4000M23S
CAMSHAFT FOR 16V

SERIAL NUMBER: 527110276

FG/FGS: 051 05

BOM-No.: XS527050.00001



E0533001a1

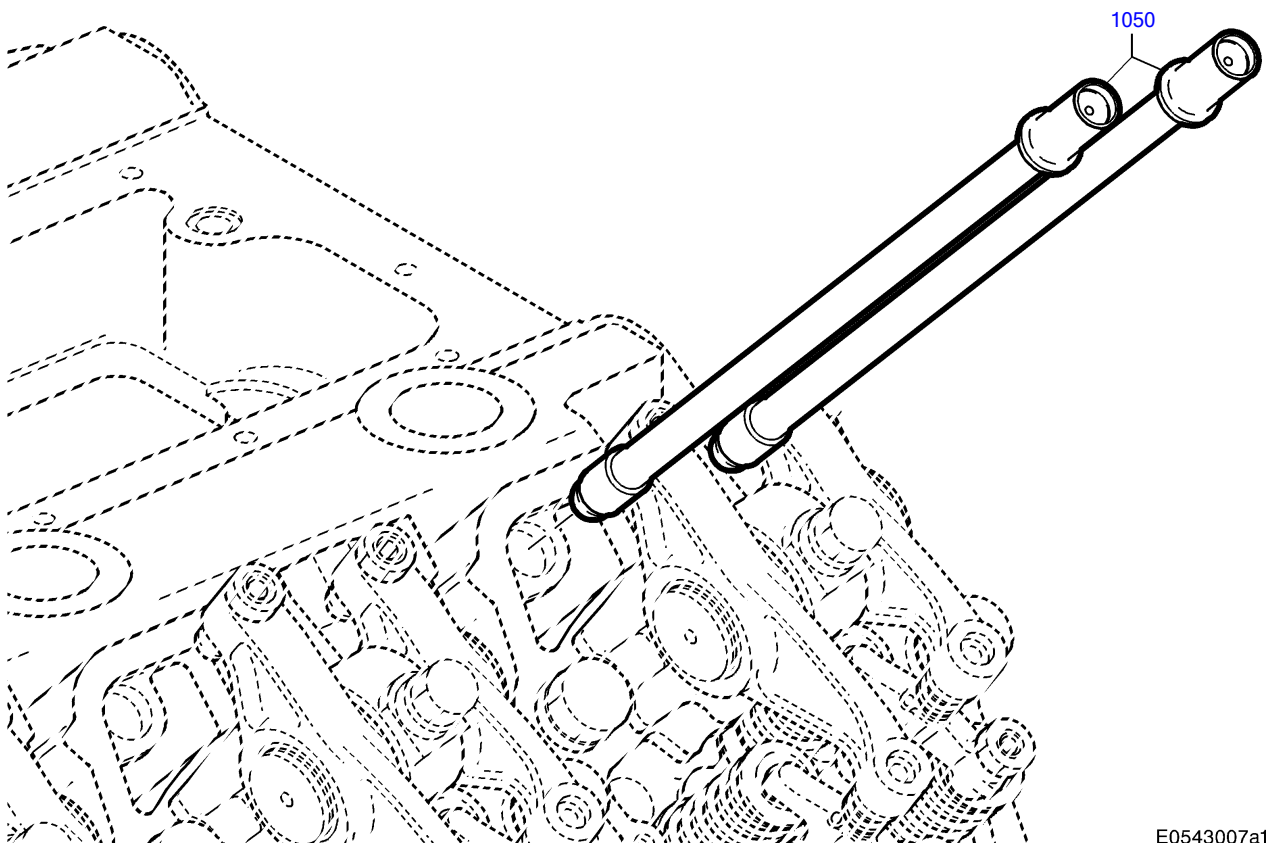
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CAMSHAFT FOR 16V

SERIAL NUMBER: 527110276

FG/FGS: 051 05

BOM-No.: XS527050.00001



E0543007a1

EQUI TYPE: Engine

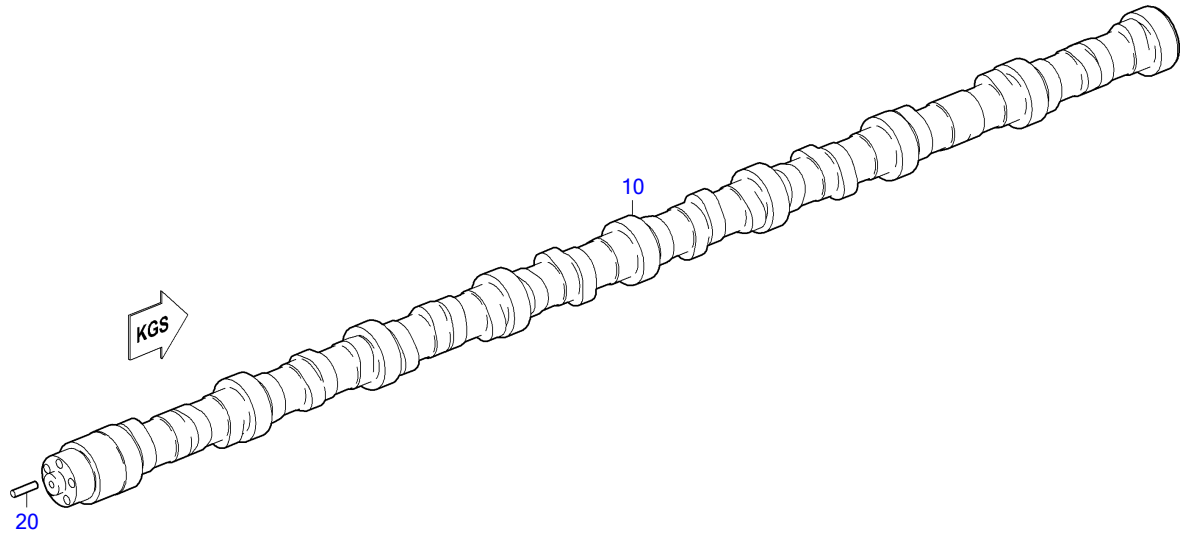
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CAMSHAFT FOR 16V

SERIAL NUMBER: 527110276

FG/FGS: 051 05

BOM-No.: XS527050.00001

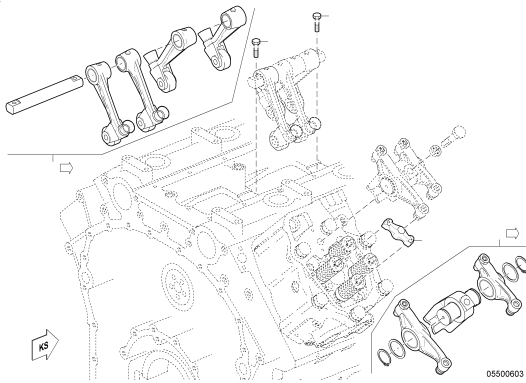
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
250	X52705100012	CAMSHAFT FOR 16V	1	PC		EM		
300	X52405200018	CAMSHAFT GEAR	1	PC	19,400 KG	EM		
400	5240521748	WHEEL SRS ADEC	1	PC	2,830 KG	EM		
500	000931012052	BOLT HEX	5	PC			M 12 X 70	DIN931
550	5240510351	SPACER RING HOLES	1	PC	427 G			
650	304017008085	BOLT HEX	6	PC	18 G		M 8 X 40	ISO4017
700	007349008002	WASHER	6	PC	8,300 G		8,4	DIN7349
850	X52405300005	THRUST BEARING FLANG FOR CAMSHAFT	1	PC	1,900 KG			
950	000933012051	BOLT HEX S2000/4000	3	PC	55 G	MN	M 12 X 50	DIN933
1050	X52405400013	PUSHROD	32	PC	609 G			



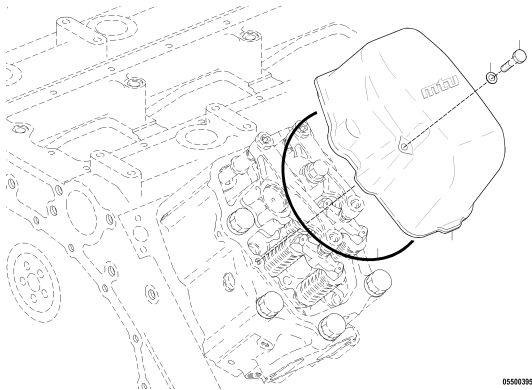
05100339

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	X52705100011	CAMSHAFT FOR 16V	1	PC		EM		
20	000007010111	PIN DOWEL CAMSHAFT	2	PC	26,500 G		10 M6 X 40	DIN7

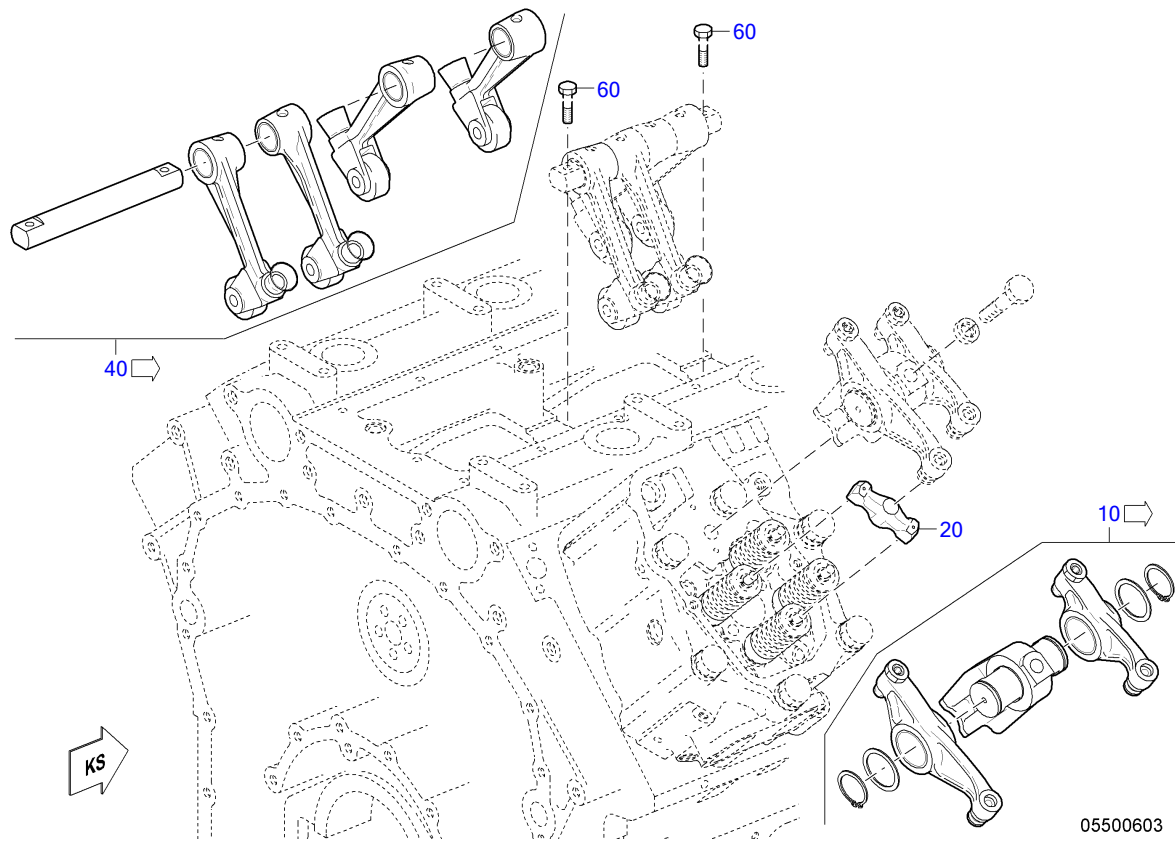
GROUP NUMBER (FG)
GROUP NAME
BOM-No.



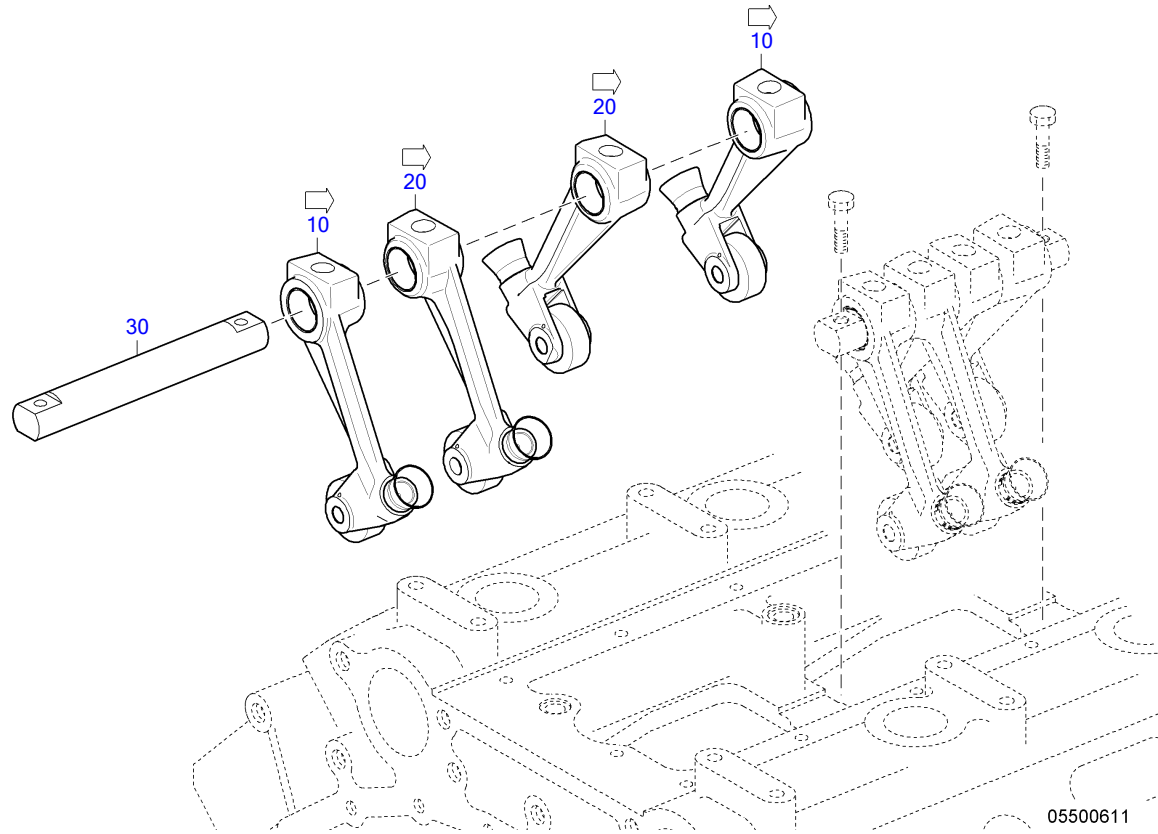
VALVE GEAR FOR 16V
XS527050.00026



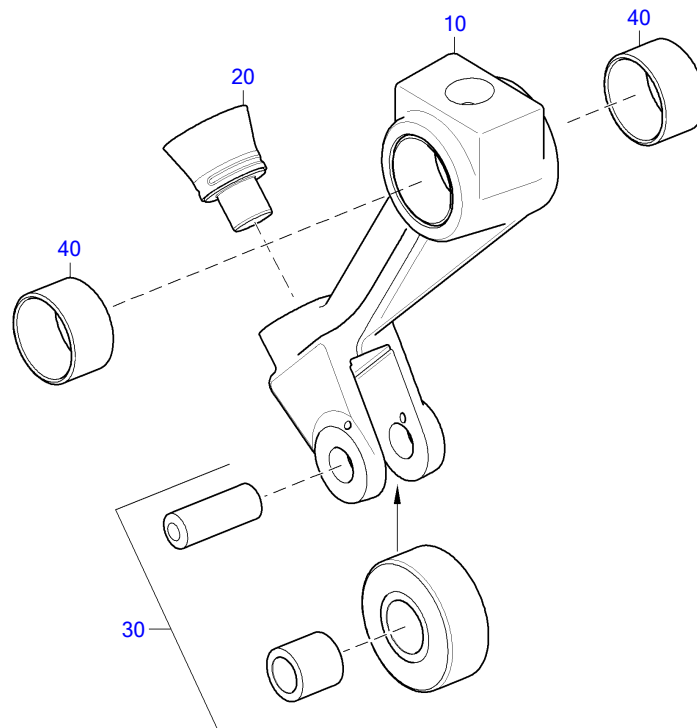
CYLINDER HEAD COVER FOR 16V
XS527010.00021



POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	X52405500145	ROCKER ARM	16	PC			
20	X52405500135	VALVE BRIDGE	32	PC			
40	X52405500139	SWING FOLL.	8	PC	7,940 KG		
60	000933010194	BOLT HEX	16	PC	31,520 G	M 10 X 40	DIN933

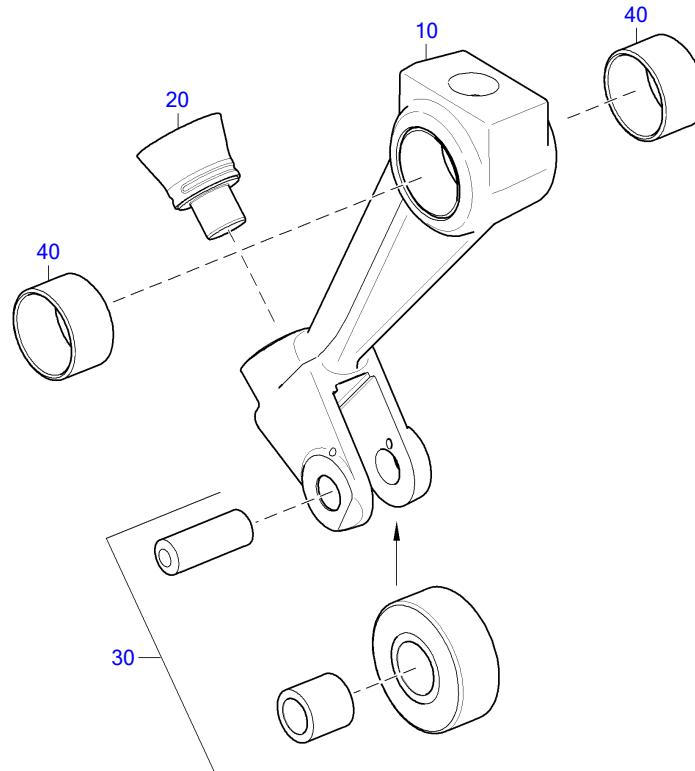


POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
10	X52405500137	SWING FOLL. INLET	2	PC	1,761 KG
20	X52405500138	SWING FOLL. EXHAUST	2	PC	1,761 KG
30	X52405500103	ROCKER SHAFT	1	PC	



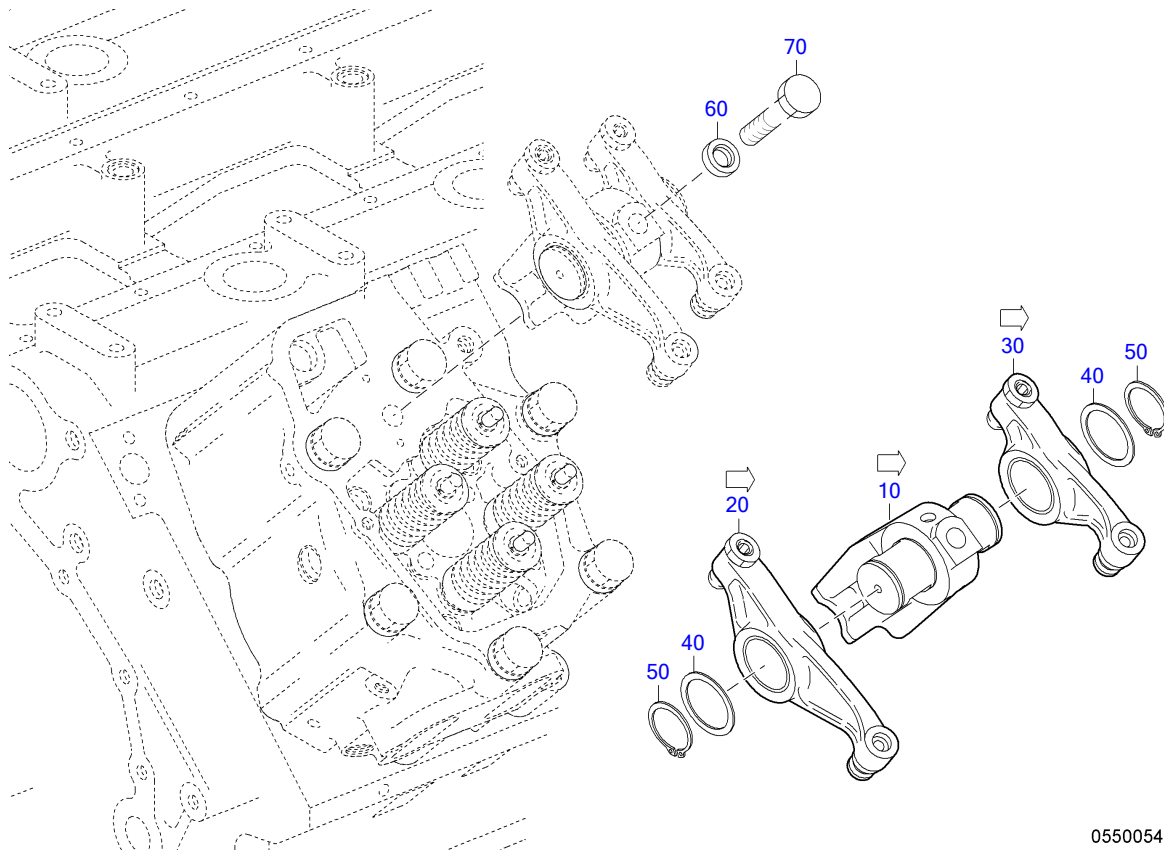
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POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	X52405500106	SWING FOLL. INLET	1	PC			
20	X52405500136	BALL SOCKET FOR ROCKER ARM	1	PC			
30	X52405400022	ROLLER TAPPET REPAIR KIT	1	PC			
40	000000001270	BUSHING	2	PC	38 KG	C 32 X 36 X 20	ISO4379



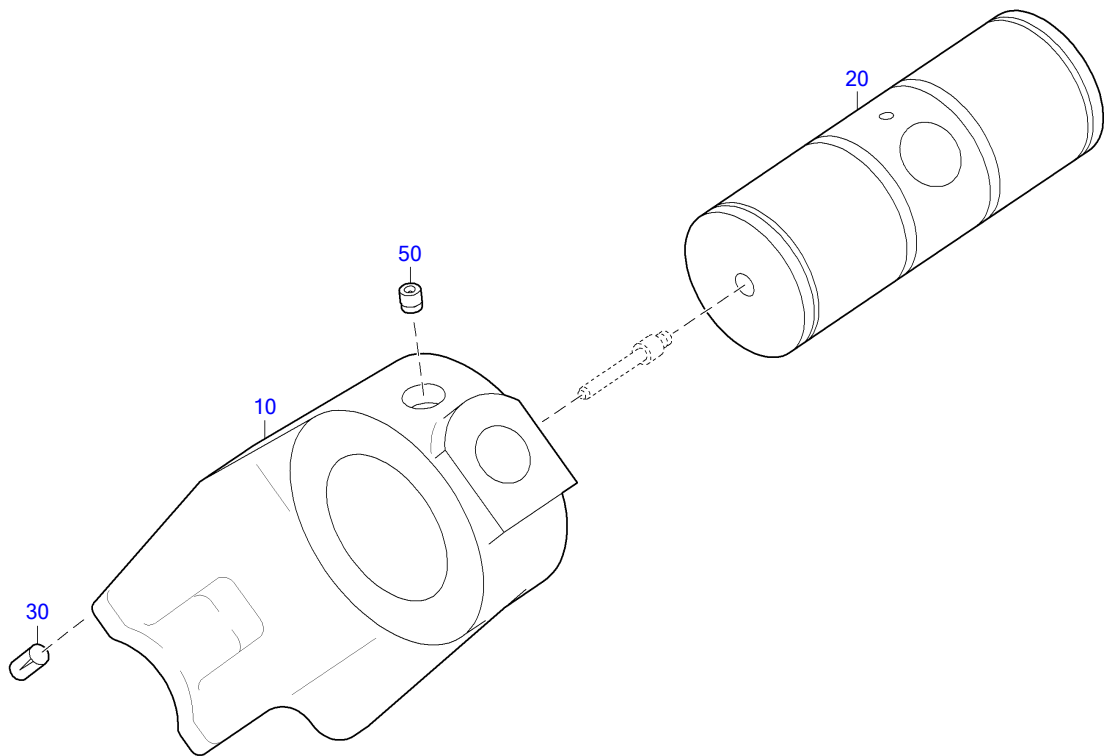
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POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	X52405500107	SWING FOLL. EXHAUST	1	PC			
20	X52405500136	BALL SOCKET FOR ROCKER ARM	1	PC			
30	X52405400022	ROLLER TAPPET REPAIR KIT	1	PC			
40	000000001270	BUSHING	2	PC	38 KG	C 32 X 36 X 20	ISO4379



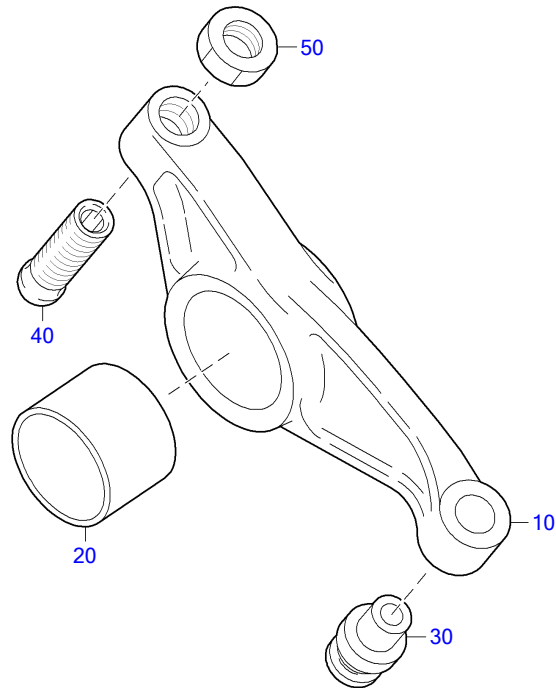
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POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	X52405500146	ROCKER SHAFT SUPPORT	1	PC			
20	X52405500124	ROCKER ARM INLET	1	PC			
30	X52405500123	ROCKER ARM EXHAUST	1	PC			
40	200988045000	RING SHIM	2	PC	8,800 G	45 X 55 X 1,5	DIN988
50	000471045000	RING SNAP HV ZNPH R5F	2	PC	7,120 G	45 X 1,75	DIN471
60	700521016200	WASHER	1	PC	12,010 G	16,2	MMN521
70	200933016002	HEX SCREW	1	PC	272,400 G	M 16 X180	DIN933



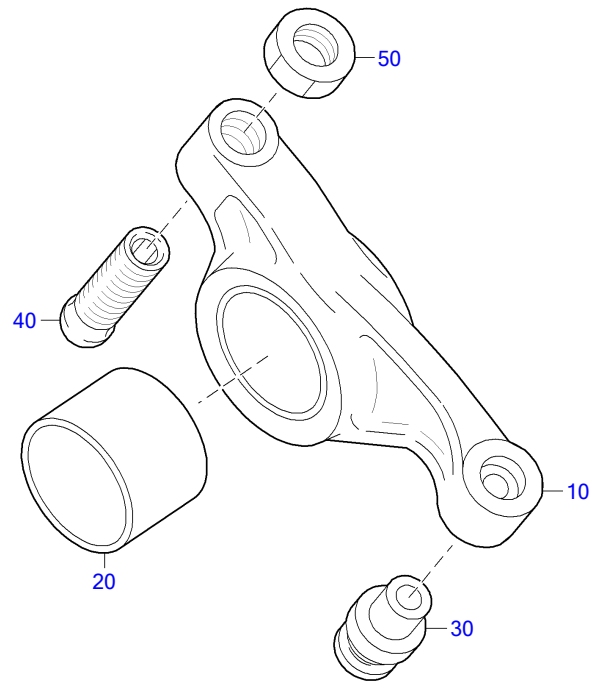
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POS.	PART NO.	DESIGNATION	QTY.	UNITS	MEASUREMENT	STANDARD
10	X52405500142	ROCKER SHAFT SUPPORT	1	PC		
20	X52405500097	ROCKER SHAFT	1	PC		
30	001474006000	PIN GROOVED	2	PC	6 X 12	DIN1474
50	X52418300025	OIL SPRAY NOZZLE	1	PC		



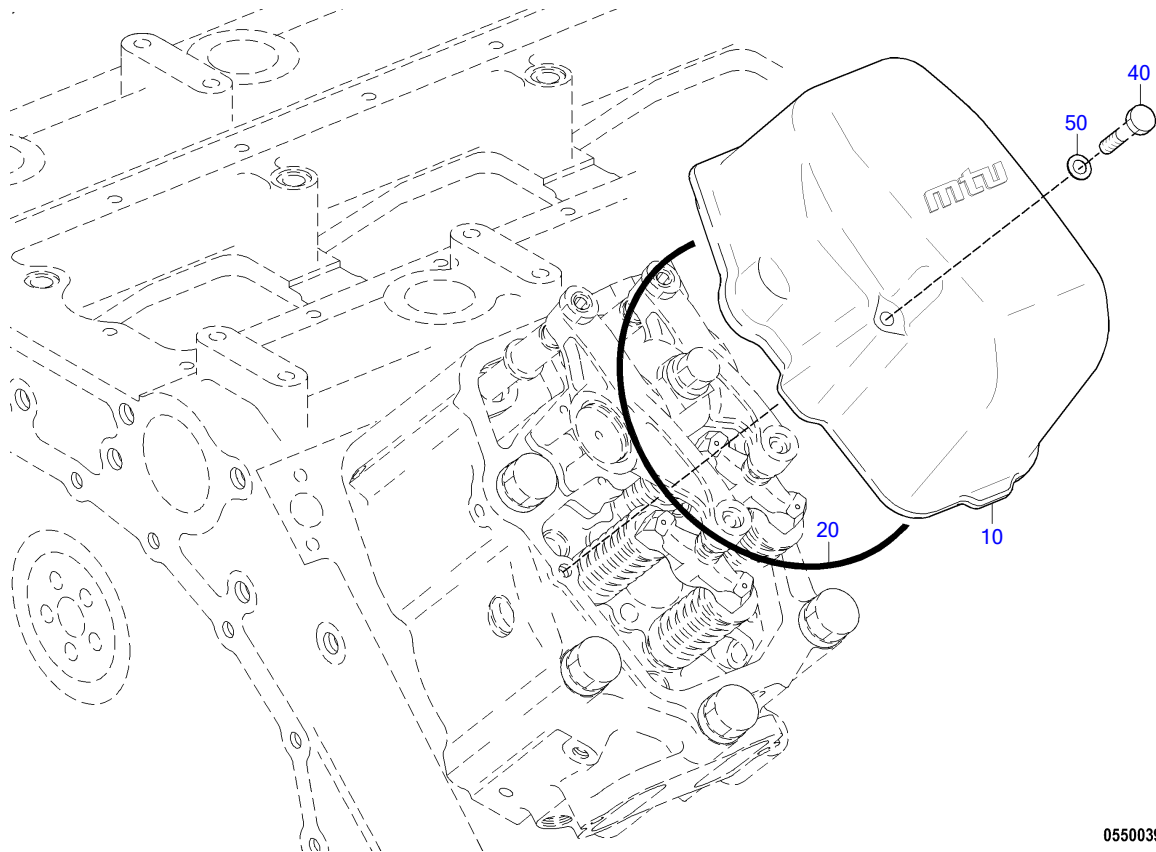
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POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	X52405500098	ROCKER ARM INLET	1	PC			
20	X52499100176	BUSHING FOR ROCKER ARM	1	PC			
30	X52405200015	THRUST MEMBER FOR ROCKER ARM	1	PC			
40	X52499100259	ADJUSTING SCREW FOR ROCKER ARM	1	PC			
50	000000000403	NUT ADEC	1	PC	17,700 G	M 16 X 1,5	ISO8675



05500548

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	X52405500099	ROCKER ARM EXHAUST	1	PC			
20	X52499100176	BUSHING FOR ROCKER ARM	1	PC			
30	X52405200015	THRUST MEMBER FOR ROCKER ARM	1	PC			
40	X52499100259	ADJUSTING SCREW FOR ROCKER ARM	1	PC			
50	00000000403	NUT ADEC	1	PC	17,700 G	M 16 X 1,5	ISO8675



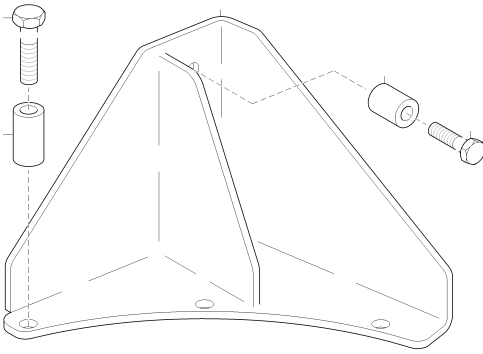
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POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	X52405500130	CYLINDER HEAD COVER	16	PC			
20	700429253000	O-RING	16	PC	21 G	253 X 4	MMN429
40	000931010332	BOLT HEX	32	PC	100 G	M 10 X150	DIN931
50	000125010524	WASHER	32	PC	3,100 G	A 10,5	DIN125

GROUP NUMBER (FG)

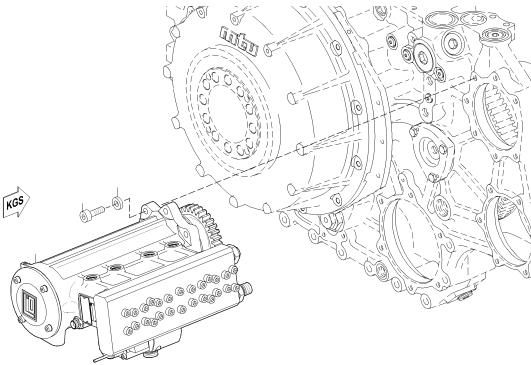
GROUP NAME

BOM-No.



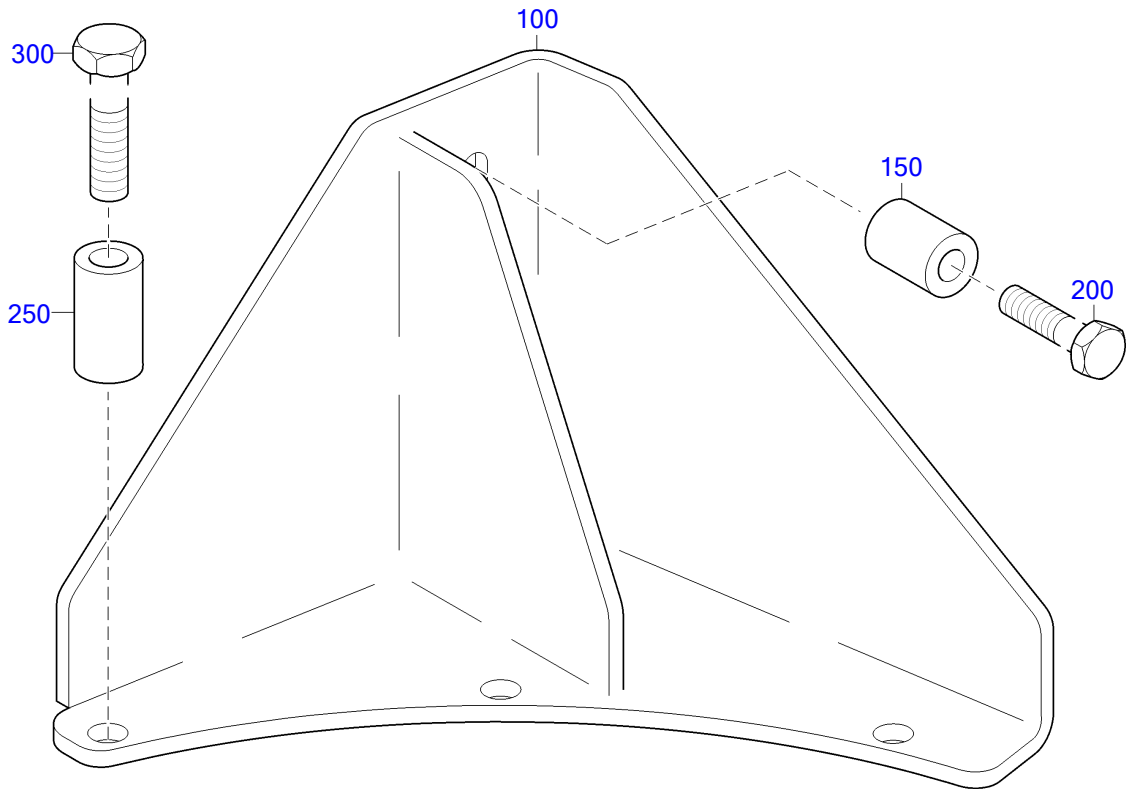
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RETAINER FOR HP PUMP
XS595010.00057



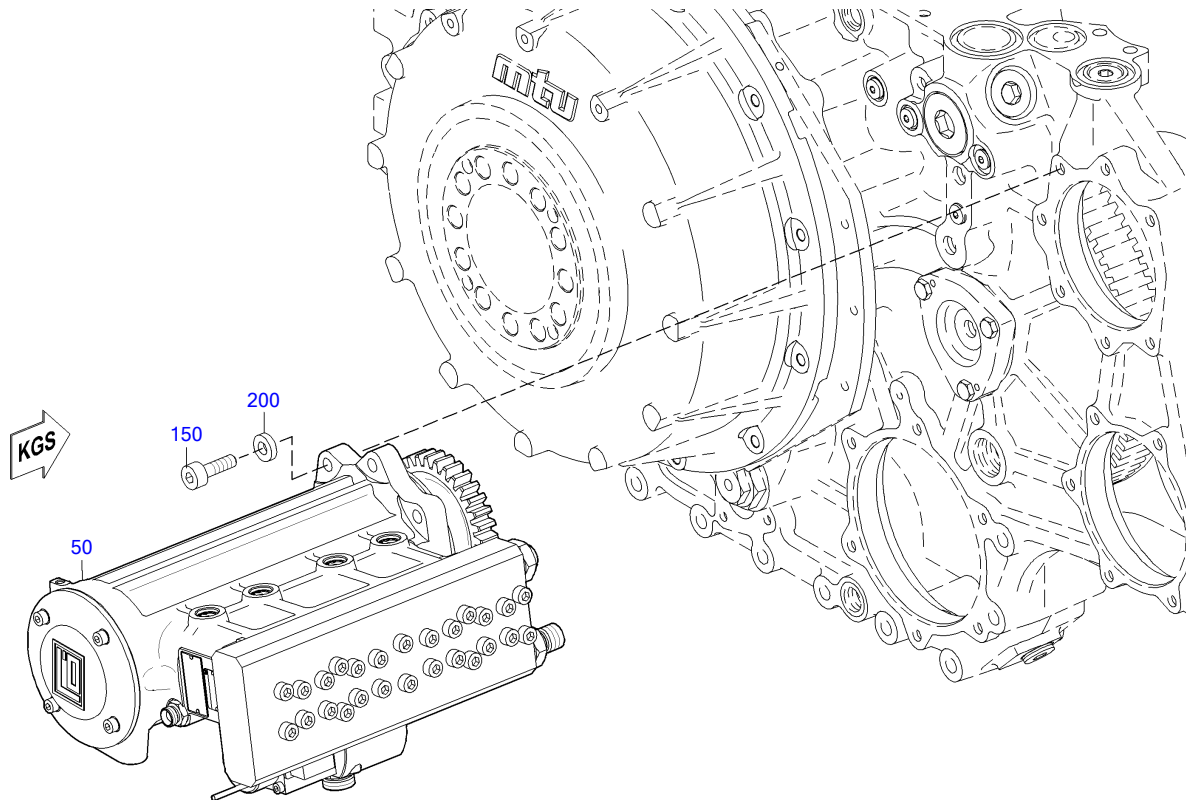
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HP PUMP W/ACCEPT CERTIFICAT
XS595070.00027



07300607a

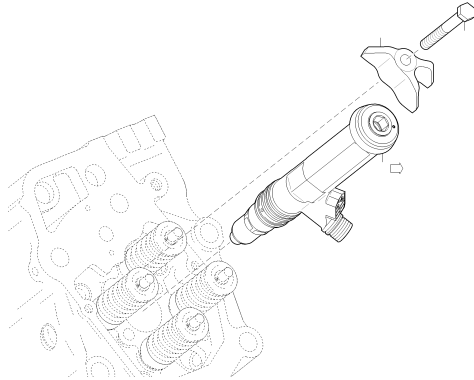
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
100	X59407300005	RETAINER FOR HP PUMP	1	PC	3,972 KG		
150	28200750053/0	SPACER BUSHING	2	PC	64,300 G		
200	000933010095	BOLT HEX	2	PC	36,500 G	M 10 X 50	DIN933
250	X59499100026	SPACER SLEEVE	3	PC	79 G		
300	000933012038	BOLT HEX	3	PC	65 G	M 12 X 65	DIN933



07300577a

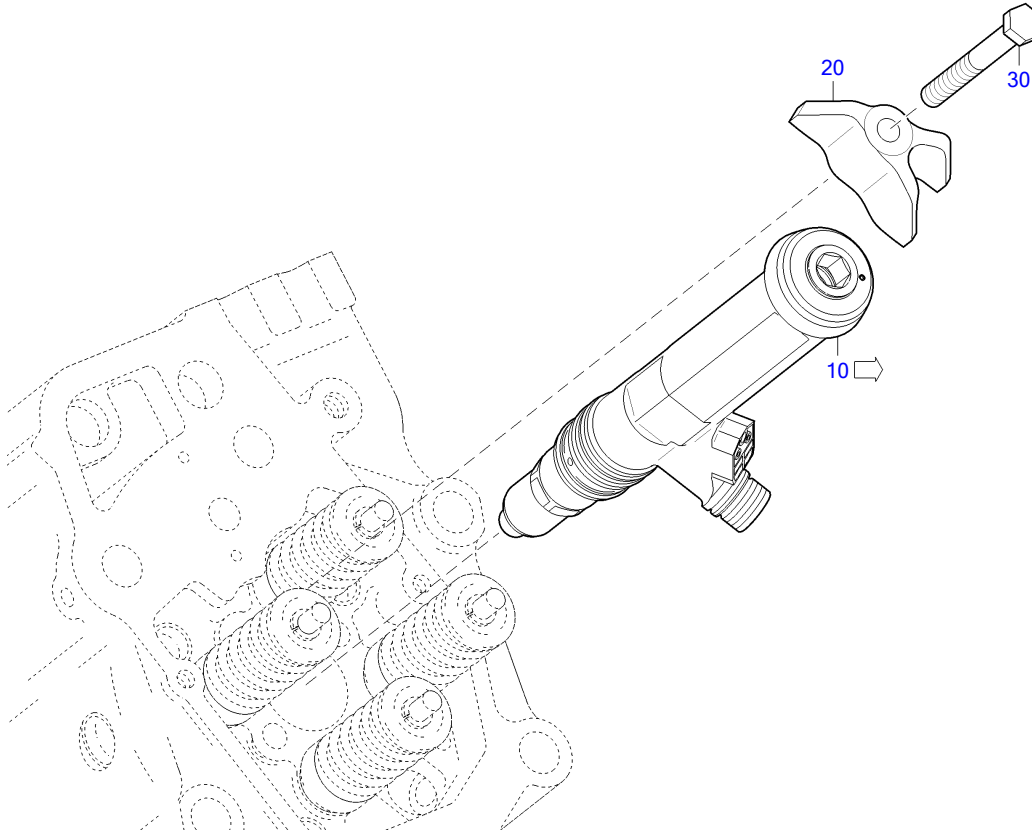
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
20	X59507300003	HP PUMP	1	PC	81,800 KG	EM		
50	X59507300003/87	HP PUMP W/ACCEPT CERTIFICAT	1	PC		EM		
150	000912012093	SCREW	16	PC	58 G		M 12 X 55	DIN912
200	200433013001	WASHER	15	PC			13	DIN433
210	RX59507300003/87	HP PUMP	1	PC	81,800 KG	EM		
220	EX59507300003/87	HP PUMP	1	PC	81,800 KG	EM		

GROUP NUMBER (FG)
GROUP NAME
BOM-No.



INJECTOR
XS595070.00021

07500233a



07500233a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
10		INJECTOR	16	PC	3,500 KG	EM	
15	EX59407500024	INJECTOR	16	PC	3,500 KG	EM	
16	RX59407500024	INJECTOR	16	PC	3,500 KG	EM	
20	5240780535	CLAMP INJECTOR HOLD-DOWN	16	PC			
30	5249902101	BOLT PHOS CTD DIN EN24017	16	PC	87 G		M12X100

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S

SERIAL NUMBER: 527110276

INJECTOR

FG/FGS:

BOM-No.: X59407500024

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	700429021001	O-RING		1	PC	0,600 G		21 X 2	MMN429
20	0000160119	SEALING RING		1	PC	9 G	EM		
30	700429038003	O-RING		2	PC	3,080 G		38,5 X 3,7	MMN429
40	XP59307500002	O-RING	FKM SHOREHÄRTE 70 GRÜN	1	PC	2,600 G		36,0+/-0,4X3,6+/-0,11	

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
INJECTION LINE / HP FUEL LINE

SERIAL NUMBER: 527110276
FG/FGS: 077

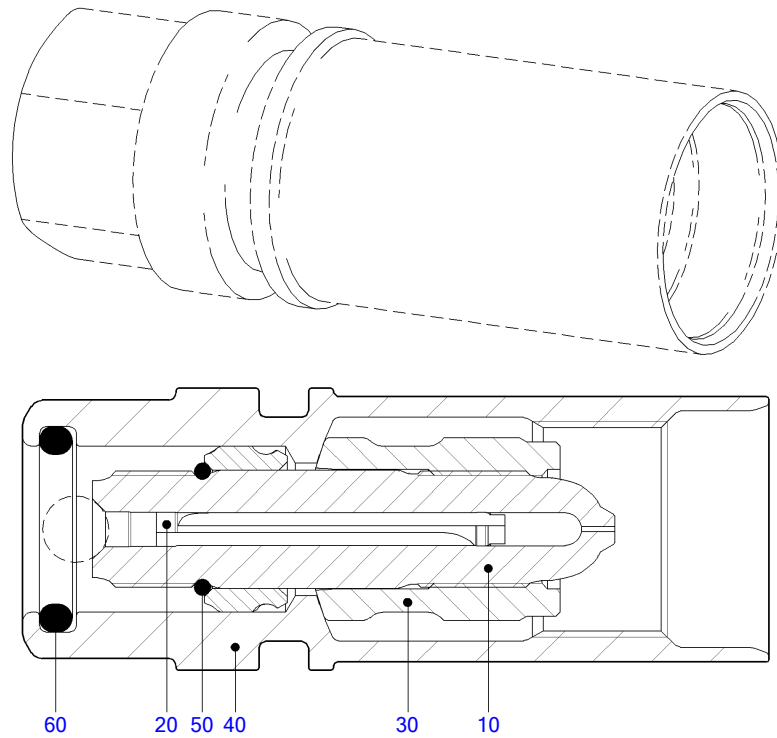
GROUP NUMBER (FG)

GROUP NAME

BOM-No.

HP LINE JACKETED
XS595070.00026

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
40	X59307700016	ADAPTER FOR HP LINE		1	PC	272 G			
45	700429028004	O-RING		1	PC	1,800 G		28 X 3,15	MMN429
60	X52907700001	HP FUEL LINE JACKETED		1	PC	5,220 KG		EM	
70	X59499100261	PIPE HALF-CLAMP		4	PC	82 G		56X21X16	
80	X59399100008	GROMMET		2	PC	9 G			
90	007349008002	WASHER		2	PC	8,300 G		8,4	DIN7349
100	000000004164	BOLT		1	PC			M 8 X 60	ISO4017
110	204014008005	HEX SCREW		1	PC	41,400 G		M 8 X100	ISO4014
113	X59307800005	BRACKET HP LINE		1	PC	139 G			
115	X59499100261	PIPE HALF-CLAMP		2	PC	82 G		56X21X16	
116	X59399100008	GROMMET		1	PC	9 G			
117	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
118	000000004164	BOLT		1	PC			M 8 X 60	ISO4017
130	X52907700002	HP FUEL LINE DOUBLE-WALLED, LEFT		1	PC	4,520 KG		EM	
140	X59499100261	PIPE HALF-CLAMP		4	PC	82 G		56X21X16	
150	X59399100008	GROMMET		2	PC	9 G			
160	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
170	000000004164	BOLT		1	PC			M 8 X 60	ISO4017
190	X52907700027	HP FUEL LINE DOUBLE-WALLED, RIGH	BR4000.03 ARBEITSSCHIFFE	1	PC	3,880 KG		EM	
200	X59499100261	PIPE HALF-CLAMP		2	PC	82 G		56X21X16	
210	X59399100008	GROMMET		1	PC	9 G			
220	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
230	000000004164	BOLT		1	PC			M 8 X 60	ISO4017
250	X52907700059	FUEL DISTRIBUTOR JACKETED	SCHMIEDETEIL FUCHS CH	1	PC	7,443 KG		EM	
260	000000003510	HEX SCREW		2	PC	66 G		M 10 X 90	ISO4014
270	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
280	304014008021	HEX SCREW		1	PC			M 8 X120	ISO4014
290	X52907800006	BUSHING		1	PC	118 G		D=25/9; L=35,6	
310	X59507800003	PRESS RELIEF VALVE FOR 16V/20V		1	PC			EM	
330	X59507700010	HP ACCUMULATOR DOUBLE-WALLED, LEFT		1	PC	55 KG		EM	
340	X59507700009	HP ACCUMULATOR DOUBLE-WALLED, RIGH		1	PC	54,500 KG		EM	
350	200433010500	WASHER		16	PC	1,900 G		10,5	DIN433
360	000912010014	BOLT HEX SOC HD		16	PC			M 10 X 40	DIN912
370	X59407700023	HP FUEL LINE		16	PC			EM	
380	X52607700009	ADAPTER JACKETED		16	PC	360 G		EM DROSSEL-DURCHM0,62MM	
400	700429024000	O-RING		16	PC	3,900 G		24 X 5	MMN429



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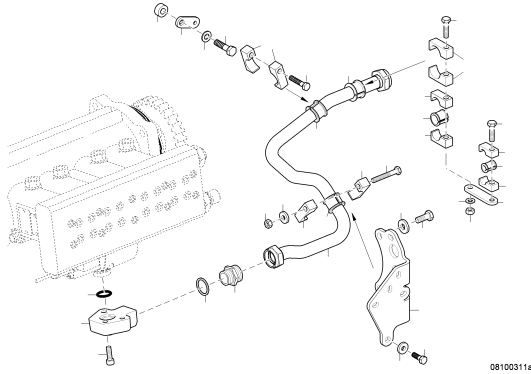
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
10	XP52707700021	PIPE NECK	1	PC			M14X1 LH /M14X1,5
20		EDGE-TYPE FILTER	1	PC		KE	D 4,1 X 42
30	XP52707700018	THRUST RING	1	PC			22X29.5
40	XP52707700017	UNION NUT	1	PC			34X90
50	XP52707700015	O-RING	1	PC	1 G		12X2
60	8699970483	SEALING RING	1	PC	40 G		18,64 X 3,55

GROUP NUMBER (FG)

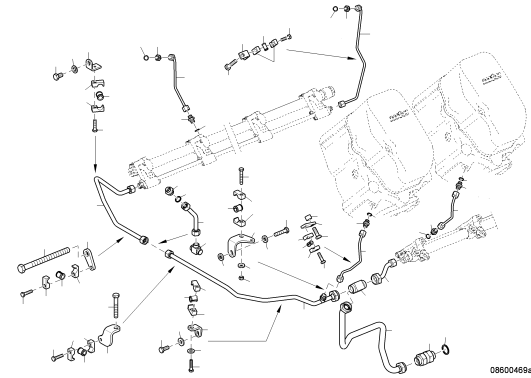
GROUP NAME

BOM-No.

FUEL PREFILTER
XS594080.00073



LP FUEL SYSTEM OPEN
XS595080.00028



FUEL RETURN OPEN
XS595080.00029

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S

SERIAL NUMBER: 527110276

FUEL PREFILTER

FG/FGS: 080

00

BOM-No.: XS594080.00073

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT
20	X59408300052/87	FUEL PREFILTER	5 M	1	PC	38,700 KG

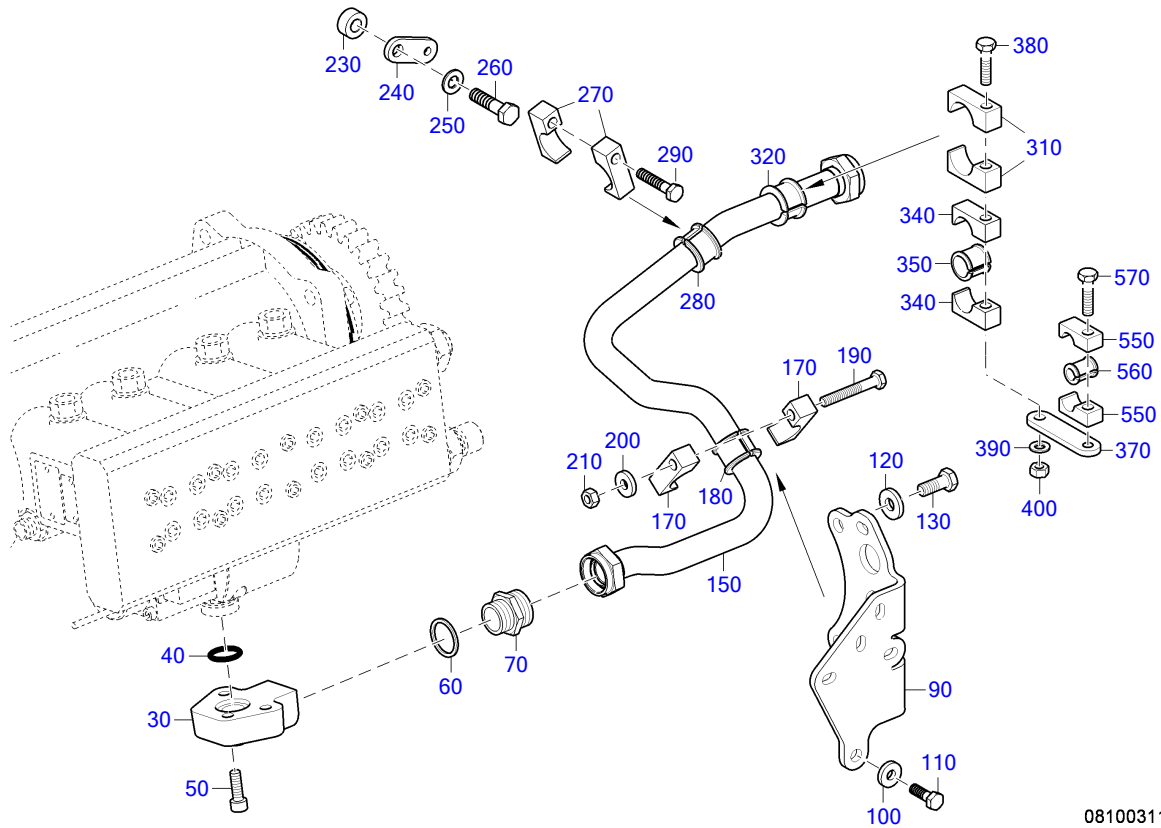
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
LP FUEL SYSTEM OPEN

SERIAL NUMBER: 527110276

FG/FGS: 080 00

BOM-No.: XS595080.00028



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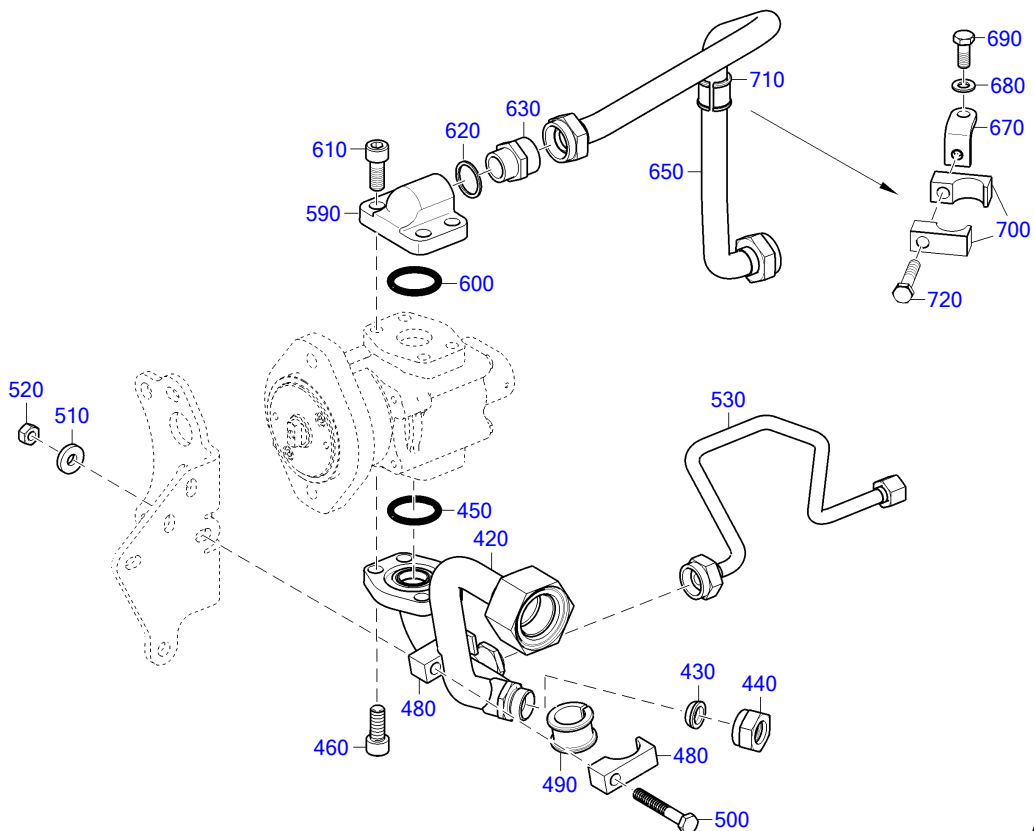
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
LP FUEL SYSTEM OPEN

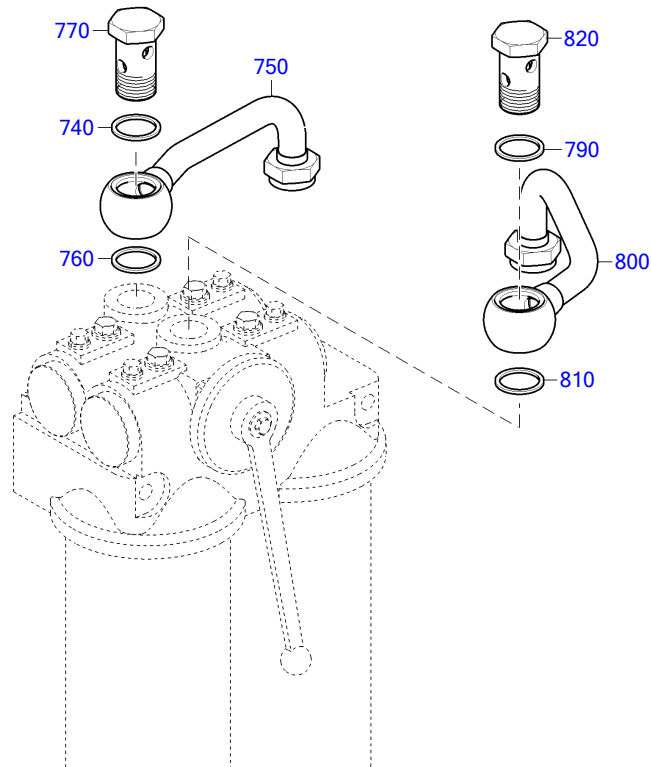
SERIAL NUMBER: 527110276

FG/FGS: 080 00

BOM-No.: XS595080.00028



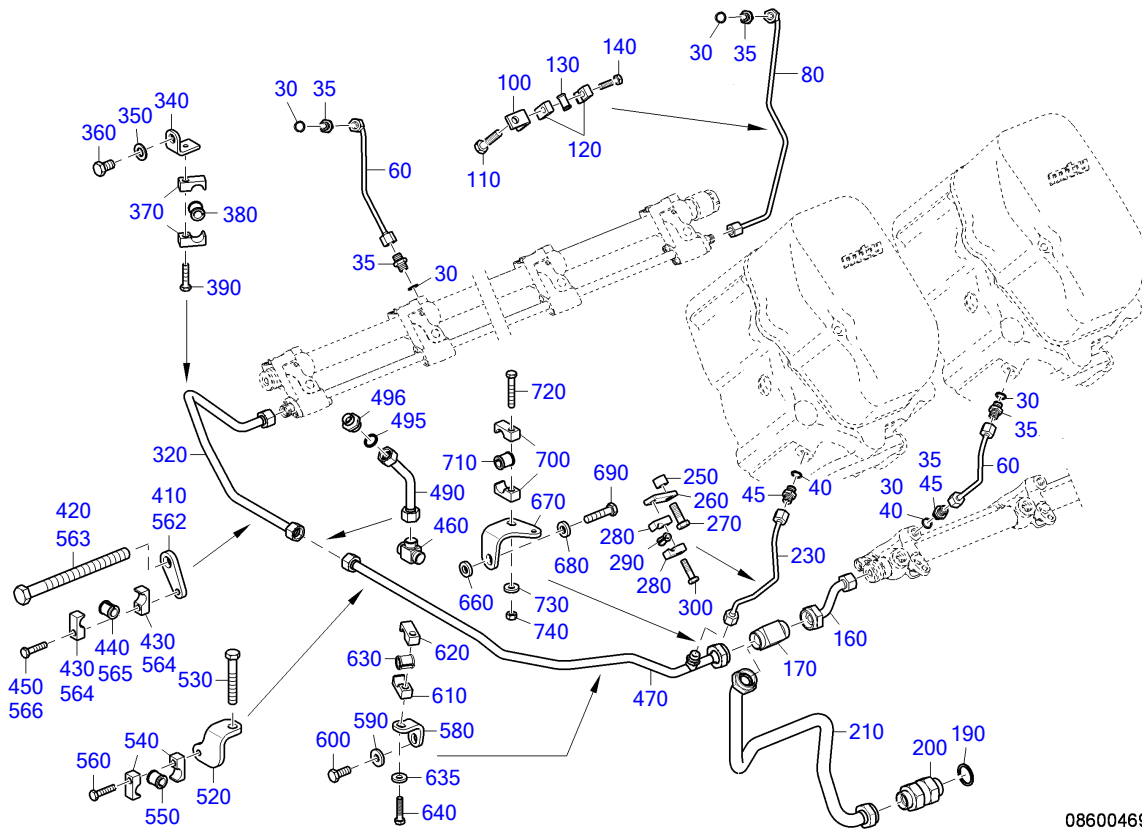
08100312a



08100237c

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
30	X00032042	CONNECTING PIECE		1	PC		SB		
40	700429020003	O-RING		1	PC	2,120 G		20 X 4	MMN429
50	000912008014	SOCKET HD. S		3	PC	15 G		M 8 X 25	DIN912
60	007603026101	WASHER A COP		1	PC	3,700 G		A 26 X 32	DIN7603
70	915013020002	SCREW NECK		1	PC	67,500 G		20 (M30X1,5/M26X1,5)	N15013
90	X59308100037	RETAINER PLATE		1	PC	818 G			
100	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
110	304017008081	HEX BOLT		1	PC	13,500 G		M 8 X 25	ISO4017
120	007349010002	WASHER		2	PC	11 G		10,5	DIN7349
130	000000003021	HEX SCREW		2	PC	23,700 G		M 10 X 25	ISO4017
150	X59308100009	FUEL LINE		1	PC	930 G	SB		
170	700325028100	CLAMP HALF TUBE 1/1 D9-28		2	PC	55 G		1/1 D 9 - 28	MMN325
180	700327022000	GROMMET		1	PC	9 G		22	MMN327
190	304017008088	BOLT HEX A3C		1	PC	23,440 G		M 8 X 55	ISO4017
200	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
210	304032008014	NUT HEX 8 A3C		1	PC	4,800 G		M 8	ISO4032
230	735151010200	SPACER S2000/4000		1	PC	22,300 G	MN	B 10,5	MTN5151
240	5240782141	BRACKET FLAT M8 TAP D M10 HOLE BR 4000		1	PC	32 G			
250	000125010524	WASHER		1	PC	3,100 G		A 10,5	DIN125
260	000000001039	BOLT HEX A3C		1	PC	29,800 G		M 10 X 40	ISO4017
270	700325028100	CLAMP HALF TUBE 1/1 D9-28		2	PC	55 G		1/1 D 9 - 28	MMN325
280	700327022000	GROMMET		1	PC	9 G		22	MMN327
290	304017008085	BOLT HEX		1	PC	18 G		M 8 X 40	ISO4017
310	700325028100	CLAMP HALF TUBE 1/1 D9-28		2	PC	55 G		1/1 D 9 - 28	MMN325
320	700327022000	GROMMET		1	PC	9 G		22	MMN327

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
340	700325022100	CLAMP HALF TUBE 1/1 D9-22		2	PC	48 G		1/1 D 9 - 22	MMN325
350	700327018000	GROMMET		1	PC	4,700 G		18	MMN327
370	8801590040	RETAINER		1	PC	54,500 G			
380	00000004390	BOLT A3C		1	PC	32 G		M 8 X 85	ISO4017
390	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125
400	304032008014	NUT HEX 8 A3C		1	PC	4,800 G		M 8	ISO4032
420	X59308100029	FUEL LINE		1	PC		SB		
430	915005013004	CONE SEALING 15		1	PC	9,500 G		15	MBN15005
440	915001013003	UNION NUT M1		1	PC			13 M 22 X 1,5	N15001
450	700429030002	O-RING		1	PC	3,100 G		30 X 4	MMN429
460	000912010065	BOLT HEX SOC HD		4	PC	24,200 G		M 10 X 25	DIN912
480	700325028100	CLAMP HALF TUBE 1/1 D9-28		2	PC	55 G		1/1 D 9 - 28	MMN325
490	700327022000	GROMMET		1	PC	9 G		22	MMN327
500	304017008088	BOLT HEX A3C		1	PC	23,440 G		M 8 X 55	ISO4017
510	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
520	304032008014	NUT HEX 8 A3C		1	PC	4,800 G		M 8	ISO4032
530	X59308100006	FUEL LINE		1	PC	0,175 KG	SB		
550	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34,030 G		1/1 D 9 - 15	MMN325
560	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
570	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
590	X59308200003	CONNECTING PIECE		1	PC				
600	700429030002	O-RING		1	PC	3,100 G		30 X 4	MMN429
610	000912010065	BOLT HEX SOC HD		4	PC	24,200 G		M 10 X 25	DIN912
620	007603022102	COPPER SEALING RING		1	PC	0,900 G		A 22 X 27	DIN7603
630	915013016002	UNION		1	PC			16	N15013
650	X59308200001	FUEL LINE		1	PC	190 G	SB EM		
670	5502030043	BRACKET		1	PC	31 G		H023	
680	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125
690	304017008079	BOLT HEX		1	PC	12,370 G		M 8 X 20	ISO4017
700	700325022100	CLAMP HALF TUBE 1/1 D9-22		2	PC	48 G		1/1 D 9 - 22	MMN325
710	700327018000	GROMMET		1	PC	4,700 G		18	MMN327
720	304017008085	BOLT HEX		1	PC	18 G		M 8 X 40	ISO4017
740	007603026101	WASHER A COP		1	PC	3,700 G		A 26 X 32	DIN7603
750	X59308100007	FUEL LINE		1	PC		SB		
760	007603026101	WASHER A COP		1	PC	3,700 G		A 26 X 32	DIN7603
770	700223016000	BOLT BANJO A18		1	PC	156 G		A 18	MMN223
790	007603026101	WASHER A COP		1	PC	3,700 G		A 26 X 32	DIN7603
800	X59308100008	FUEL LINE		1	PC		SB		
810	007603026101	WASHER A COP		1	PC	3,700 G		A 26 X 32	DIN7603
820	700223016000	BOLT BANJO A18		1	PC	156 G		A 18	MMN223



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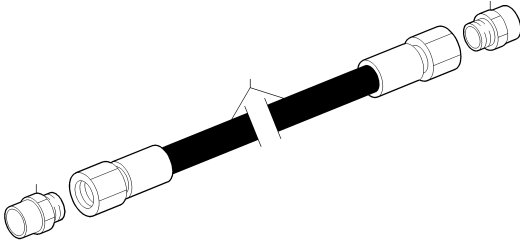
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
30	007603012111	COPPER SEALING RING	14	PC	0,700 G		A 12 X 15,5	DIN7603
35	915006004002	UNION	14	PC	19,540 G	4		N15006
40	007603012111	COPPER SEALING RING	16	PC	0,700 G		A 12 X 15,5	DIN7603
45	915006004002	UNION	16	PC	19,540 G	4		N15006
60	X00034974	TUBE FUEL LOW PRESSURE RETURN	14	PC			SB	
80	X00004215	TUBE FUEL RETURN LOW PRESSURE B-BANK	1	PC	90,600 G		SB	
100	5551870640	BRACKET L H:51 S2000/4000	1	PC			SB	
110	000000003021	HEX SCREW	1	PC	23,700 G		M 10 X 25	ISO4017
120	700325010100	CLAMP HALF TUBE	2	PC	26 G		1/1 D 9 - 10	MMN325
130	700327006000	GROMMET	1	PC	1,960 G	6		MMN327
140	304017008083	BOLT HEX A3C	1	PC	15 G		M 8 X 30	ISO4017
160	X00040958	TUBE FUEL RETURN 87.391	1	PC	112 G		SB	
170	5569970274	FITTING TEE	1	PC	195 G		DN 16 / M26X1,5	
190	007603026101	WASHER A COP	1	PC	3,700 G		A 26 X 32	DIN7603
200	735080018202	CHECK VALVE	1	PC	295 G		RHDK 18-L 2	MTN5080
210	X59608300002	FUEL LINE	1	PC	458 G		SB	
230	X00040965	TUBE FUEL RETURN LOW PRESSURE A-BANK	1	PC	71 G		SB	
250	5599920601	SPACER BUSHING	1	PC	22,770 G			
260	135M55009/1	STRAP 75 X20	1	PC	61,500 G			
270	000000003326	HEX SCREW	1	PC	28,180 G		M 10 X 35	ISO4017
280	700325010100	CLAMP HALF TUBE	2	PC	26 G		1/1 D 9 - 10	MMN325
290	700327006000	GROMMET	1	PC	1,960 G	6		MMN327
300	304017008083	BOLT HEX A3C	1	PC	15 G		M 8 X 30	ISO4017
320	X59408100016	FUEL RETURN LINE	1	PC			SB	
340	5612033740	BRACKET L H:81	1	PC	60,600 G			

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
350	000125013012	WASHER	1	PC	5,320 G	MN	A 13	DIN125
360	204017012004	HEX SCREW	1	PC	29,600 G		M 12 X 20	ISO4017
370	700325018100	CLAMP HALF TUBE 1/1 D9-18	2	PC	40 G		1/1 D 9 - 18	MMN325
380	700327012000	GROMMET	1	PC	4,600 G		12	MMN327
385	000125008427	WASHER	1	PC	1,500 G		A 8,4	DIN125
390	304017008084	BOLT HEX A3C	1	PC	16,565 G		M 8 X 35	ISO4017
410	X59499100107	RETAINER	1	PC				
415	200433017001	WASHER	1	PC	7,300 G		17	DIN433
420	204014016007	HEX SCREW	1	PC	320 G		M 16 X190	ISO4014
430	700325018100	CLAMP HALF TUBE 1/1 D9-18	2	PC	40 G		1/1 D 9 - 18	MMN325
440	700327012000	GROMMET	1	PC	4,600 G		12	MMN327
450	304017008085	BOLT HEX	1	PC	18 G		M 8 X 40	ISO4017
460	5569970774	FITTING TEE	1	PC	75 G		DN 10 / M18X1,5	
470	X59408100019	FUEL RETURN LINE	1	PC				
490	X59408100010	FUEL RETURN LINE	1	PC		SB		
495	007603016105	COPPER SEALING RING	1	PC			A 16 X 20	DIN7603
496	915007010001	CONNECTOR 10/8	1	PC	33,500 G		10 / 8 (M18X1,5/M16X1,5)	N15007
520	X59408100013	RETAINER	1	PC	208 G			
525	200433013000	WASHER	1	PC			13	DIN433
530	000000000904	BOLT HEX ZHPH R5F	1	PC	75 G		M 12 X 80	ISO4017
540	700325018100	CLAMP HALF TUBE 1/1 D9-18	2	PC	40 G		1/1 D 9 - 18	MMN325
550	700327012000	GROMMET	1	PC	4,600 G		12	MMN327
560	304017008085	BOLT HEX	1	PC	18 G		M 8 X 40	ISO4017
562	X59499100107	RETAINER	1	PC				
563	200433017001	WASHER	1	PC	7,300 G		17	DIN433
564	204014016007	HEX SCREW	1	PC	320 G		M 16 X190	ISO4014
565	700325018100	CLAMP HALF TUBE 1/1 D9-18	2	PC	40 G		1/1 D 9 - 18	MMN325
566	700327012000	GROMMET	1	PC	4,600 G		12	MMN327
567	304017008085	BOLT HEX	1	PC	18 G		M 8 X 40	ISO4017
580	X59408100017	RETAINER FOR FUEL LINE	1	PC	70 G			
590	007349010002	WASHER	1	PC	11 G		10,5	DIN7349
600	000000003021	HEX SCREW	1	PC	23,700 G		M 10 X 25	ISO4017
610	700325018100	CLAMP HALF TUBE 1/1 D9-18	1	PC	40 G		1/1 D 9 - 18	MMN325
620	700325018200	CLAMP HALF TUBE 1/1 G8-18	1	PC	40,800 G		1/1 G 8 - 18	MMN325
630	700327012000	GROMMET	1	PC	4,600 G		12	MMN327
635	007349008002	WASHER	1	PC	8,300 G		8,4	DIN7349
640	304017008084	BOLT HEX A3C	1	PC	16,565 G		M 8 X 35	ISO4017
660	735151010100	SPACER	1	PC	11 G		A 10,5	MTN5151
670	X59308600005	BRACKET	1	PC	173 G			
680	735151010100	SPACER	1	PC	11 G		A 10,5	MTN5151
690	204017010021	BOLT A3C	1	PC	33,200 G		M 10 X 45	ISO4017
700	700325018100	CLAMP HALF TUBE 1/1 D9-18	2	PC	40 G		1/1 D 9 - 18	MMN325
710	700327012000	GROMMET	1	PC	4,600 G		12	MMN327
720	304017008086	BOLT HEX A3C	1	PC	19,400 G		M 8 X 45	ISO4017
730	007349008002	WASHER	1	PC	8,300 G		8,4	DIN7349
740	304032008014	NUT HEX 8 A3C	1	PC	4,800 G		M 8	ISO4032

GROUP NUMBER (FG)

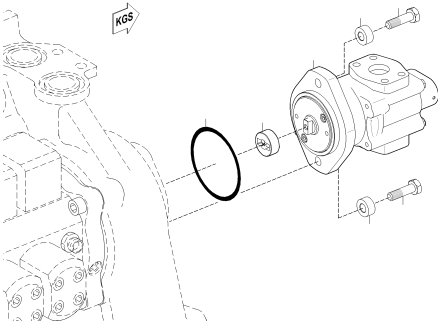
GROUP NAME

BOM-No.



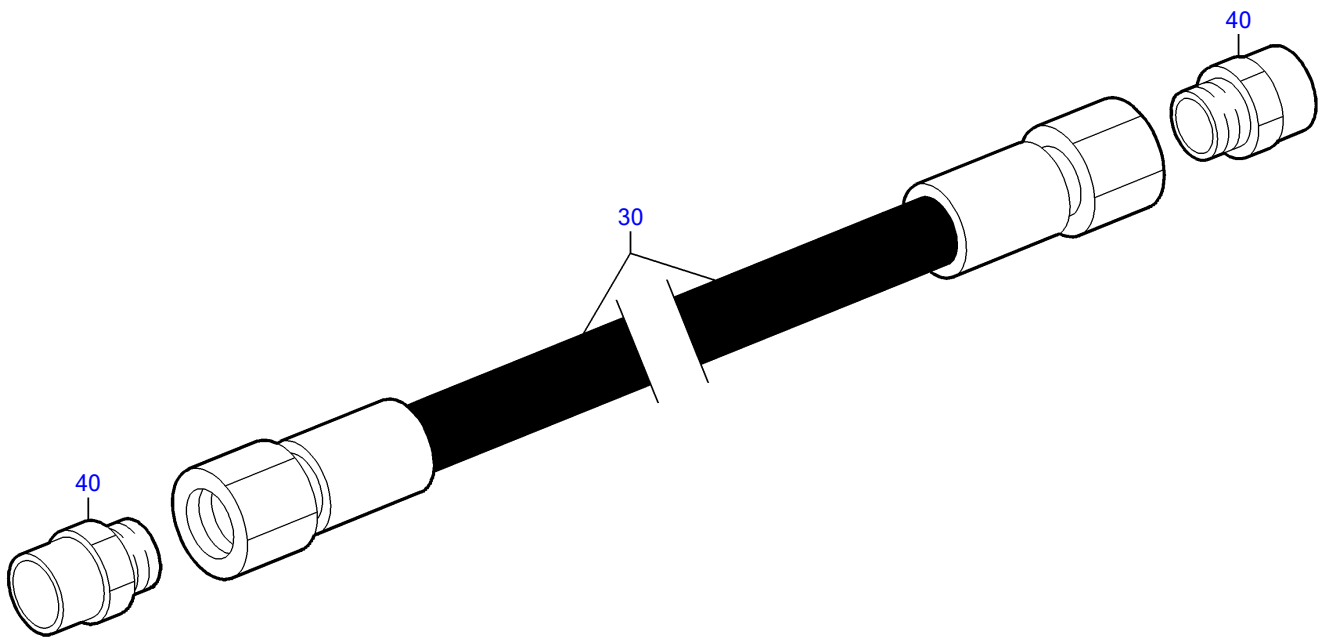
HOSE
XS595990.00056

20200807a



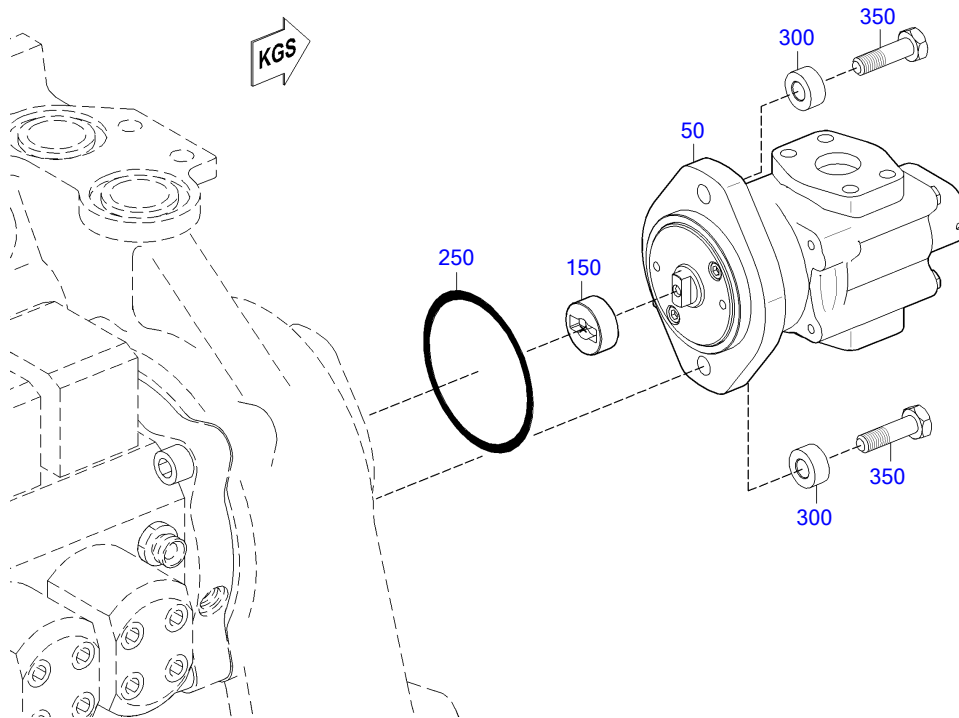
FUEL PUMP LOW PRESSURE
XS595080.00007

09100209a



20200807a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
30	X59599100145	HOSE	EATON 2807-16 400 MM LANG	1	PC	415 G		
40	718363220003	UNION		2	PC	68,600 G	22/M 30 X 1,5	MMN18363.2



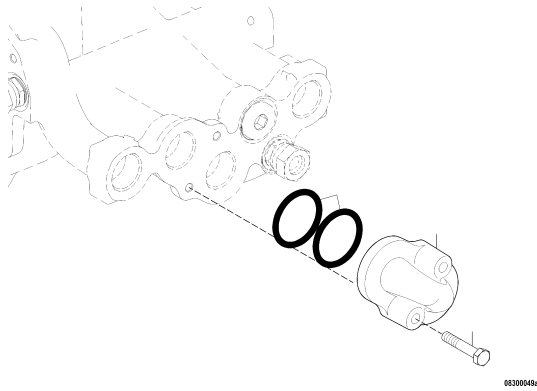
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POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
50	X00040978	FUEL DELIVERY PUMP	1	PC	5,650 KG	EM		
150	X52408100007	LINK	1	PC	54 G			
250	700429083000	O-RING	1	PC			83 X 5	MMN429
300	735151010200	SPACER S2000/4000	2	PC	22,300 G	MN	B 10,5	MTN5151
350	000933010094	BOLT HEX	2	PC	32 G		M 10 X 40	DIN933

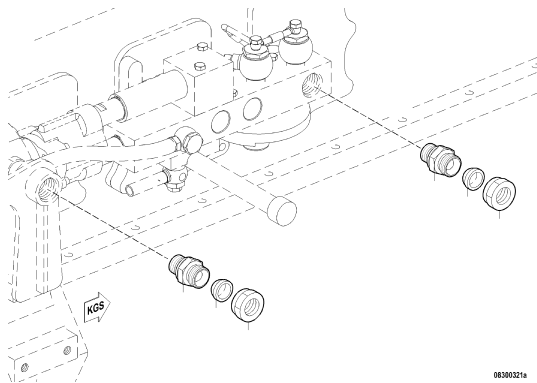
GROUP NUMBER (FG)

GROUP NAME

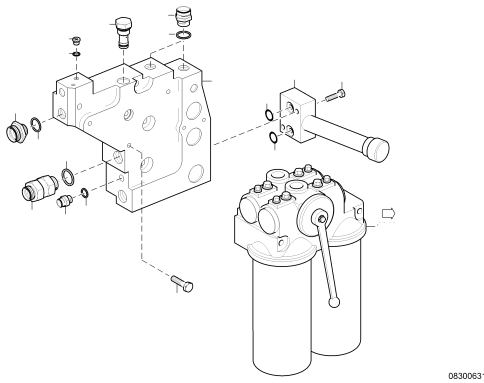
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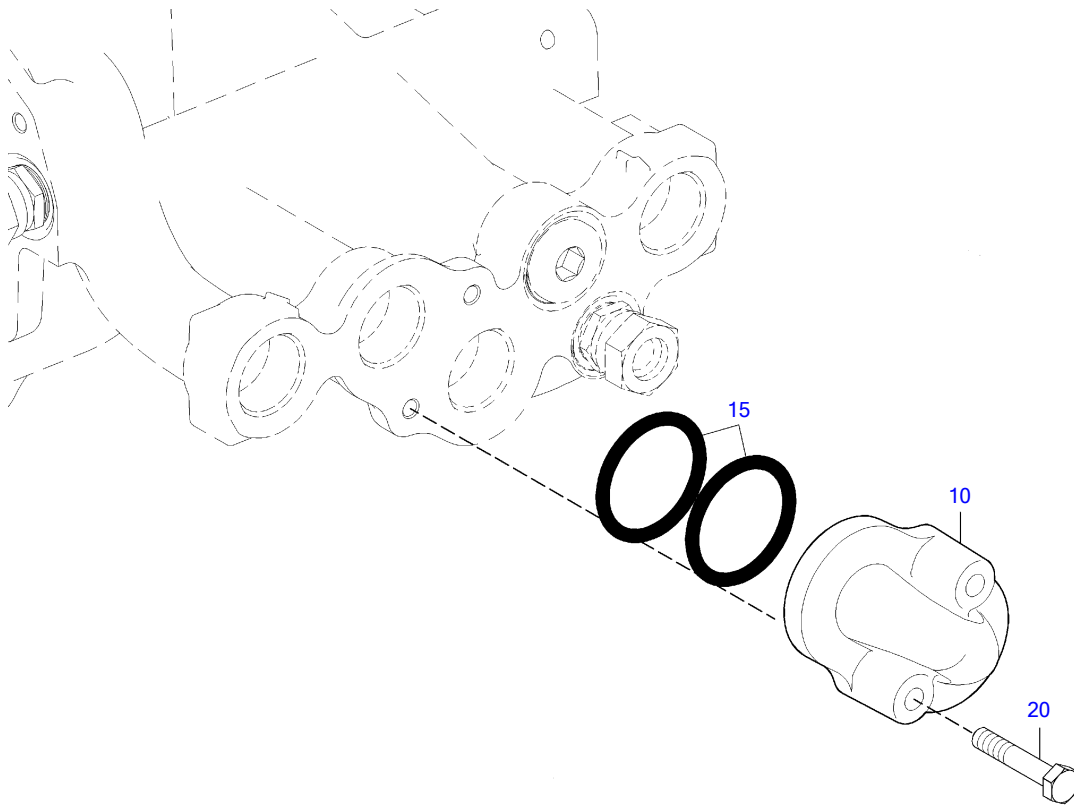
SEAL ELEM.
080.00094



CONNECTING HARDWARE FOR FUEL LINE
080.00130

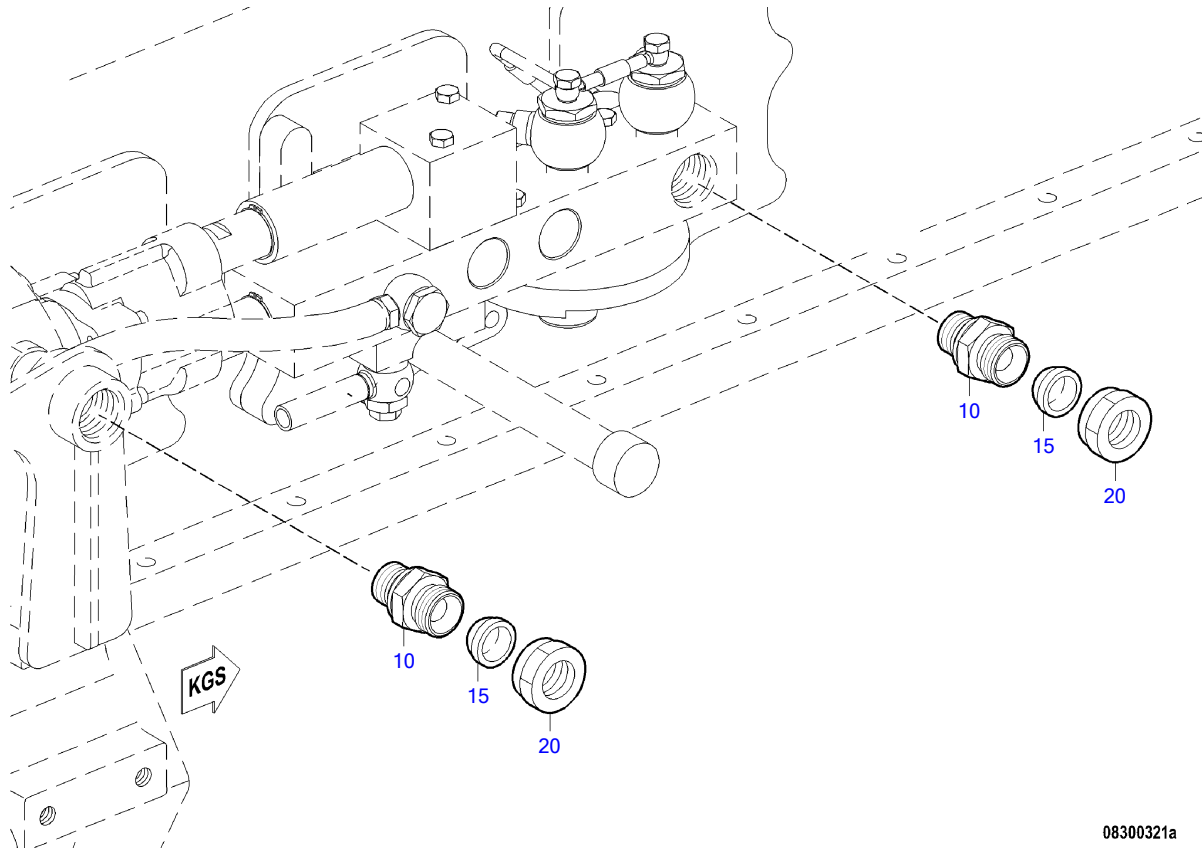


FUEL FILTER
XS596080.00009



08300049a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	5240920024	ELBOW FOR FUEL	1	PC			
15	700429042000	O-RING	2	PC	6,400 G	42 X 5	MMN429
20	304017008086	BOLT HEX A3C	2	PC	19,400 G	M 8 X 45	ISO4017



08300321a

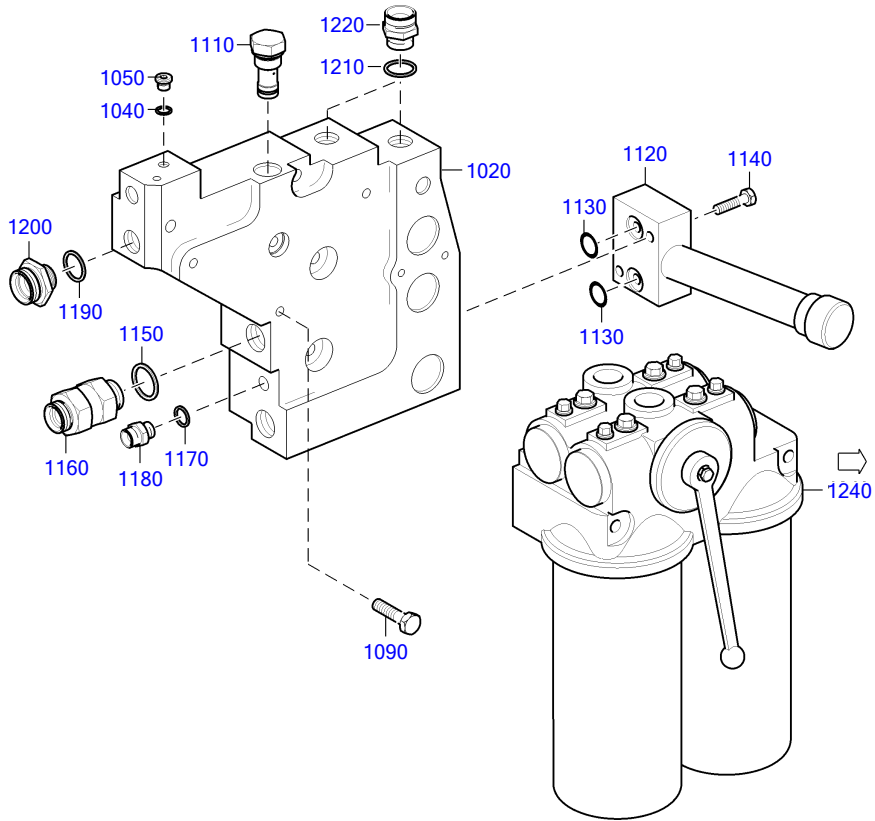
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	735211022001	UNION 22MM	1	PC	0,174 KG	22M 33 X 2	MTN5211
15	915003020202	BALL-TYPE UNION	1	PC		B2 -22	MBN15003
20	915001020003	NUT	1	PC	48 G	20 M 30 X 1,5	N15001

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
FUEL FILTER

SERIAL NUMBER: 527110276

FG/FGS: 083 05
BOM-No.: XS596080.00009



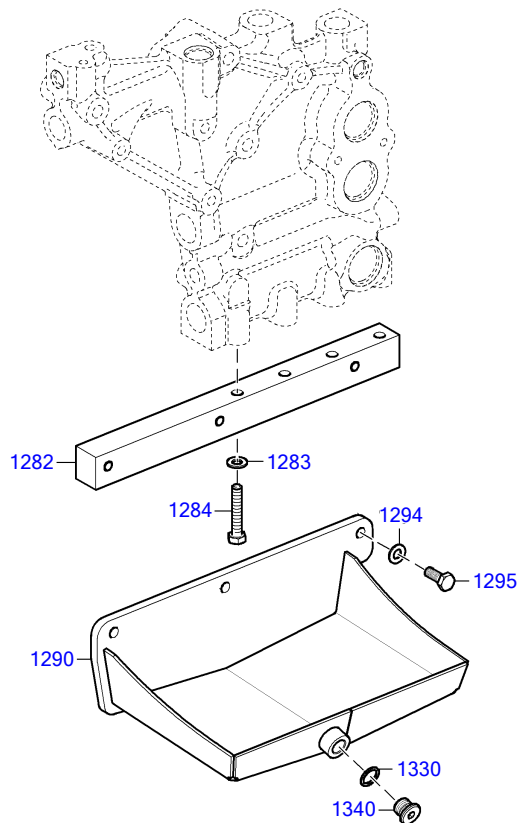
08300631

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
FUEL FILTER

SERIAL NUMBER: 527110276

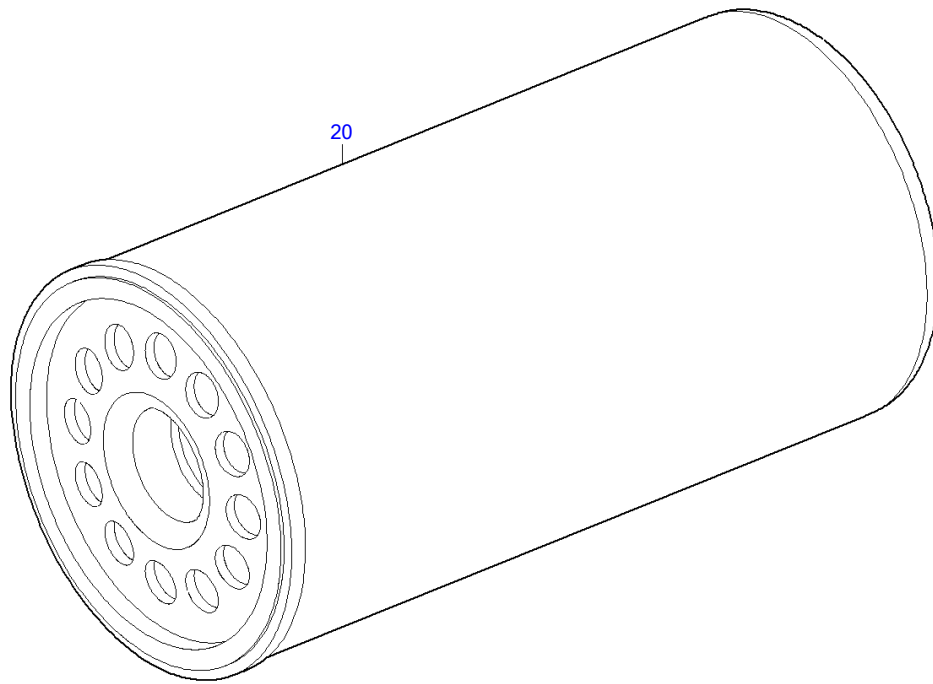
FG/FGS: 083 05
BOM-No.: XS596080.00009



08300632

FUEL FILTER

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
1020	X59308300024	RETAINER	1	PC	9,490 KG			
1040	007603010110	WASHER A COP	5	PC	0,300 G		A 10 X 13,5	DIN7603
1050	000908010002	SCREWED PLUG	5	PC	6,800 KG		M 10 X 1	DIN908
1090	204017010026	HEX SCREW	4	PC	52,100 G		M 10 X 85	ISO4017
1110	X59308300012	VALVE WITH BAFFLE	1	PC	132 G			
1120	X52408100009	FUEL PRIMING PUMP	1	PC				
1130	700429016003	O-RING	2	PC	1 G		16 X 3	MMN429
1135	000125008427	WASHER	2	PC	1,500 G		A 8,4	DIN125
1140	304017008087	BOLT HEX	2	PC	4,263 G		M 8 X 50	ISO4017
1150	007603026101	WASHER A COP	1	PC	3,700 G		A 26 X 32	DIN7603
1160	735080018200	VALVE CHECK 0.2 BAR RHDK 18-L 0.2	1	PC	315 G		RHDK 18-L 0,2	MTN5080
1170	007603014102	COPPER SEALING RING	1	PC	1 G		A 14 X 18	DIN7603
1180	915013008002	SCREW NECK	1	PC	24 G		8 (M16X1,5/M14X1,5)	N15013
1190	007603022102	COPPER SEALING RING	1	PC	0,900 G		A 22 X 27	DIN7603
1200	915007020000	ADAPTOR	1	PC	84 G		20 / 13 (M30X1,5/M22X1,5)	N15007
1210	007603022102	COPPER SEALING RING	2	PC	0,900 G		A 22 X 27	DIN7603
1220	915013016002	UNION	2	PC			16	N15013
1240	X59308300034	FUEL FILTER	1	PC	17,300 KG	EM		
1282	X59608300027	MOUNTING PLATE	1	PC				
1283	000125008427	WASHER	4	PC	1,500 G		A 8,4	DIN125
1284	304017008086	BOLT HEX A3C	4	PC	19,400 G		M 8 X 45	ISO4017
1290	X59608300026	COLLECTING TROUGH	1	PC	2,900 KG			
1294	000125008427	WASHER	3	PC	1,500 G		A 8,4	DIN125
1295	304017008079	BOLT HEX	3	PC	12,370 G		M 8 X 20	ISO4017
1330	007603014102	COPPER SEALING RING	1	PC	1 G		A 14 X 18	DIN7603
1340	000908014001	THREAD PLUG	1	PC	16,100 KG		M 14 X 1,5	DIN908



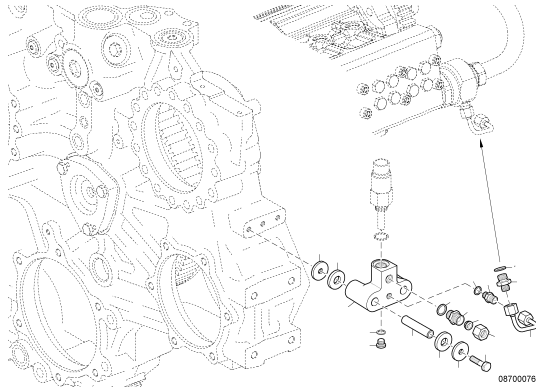
08300567a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
20	X59308300031	FUEL FILTER SPIN-ON	2	PC	1,300 KG

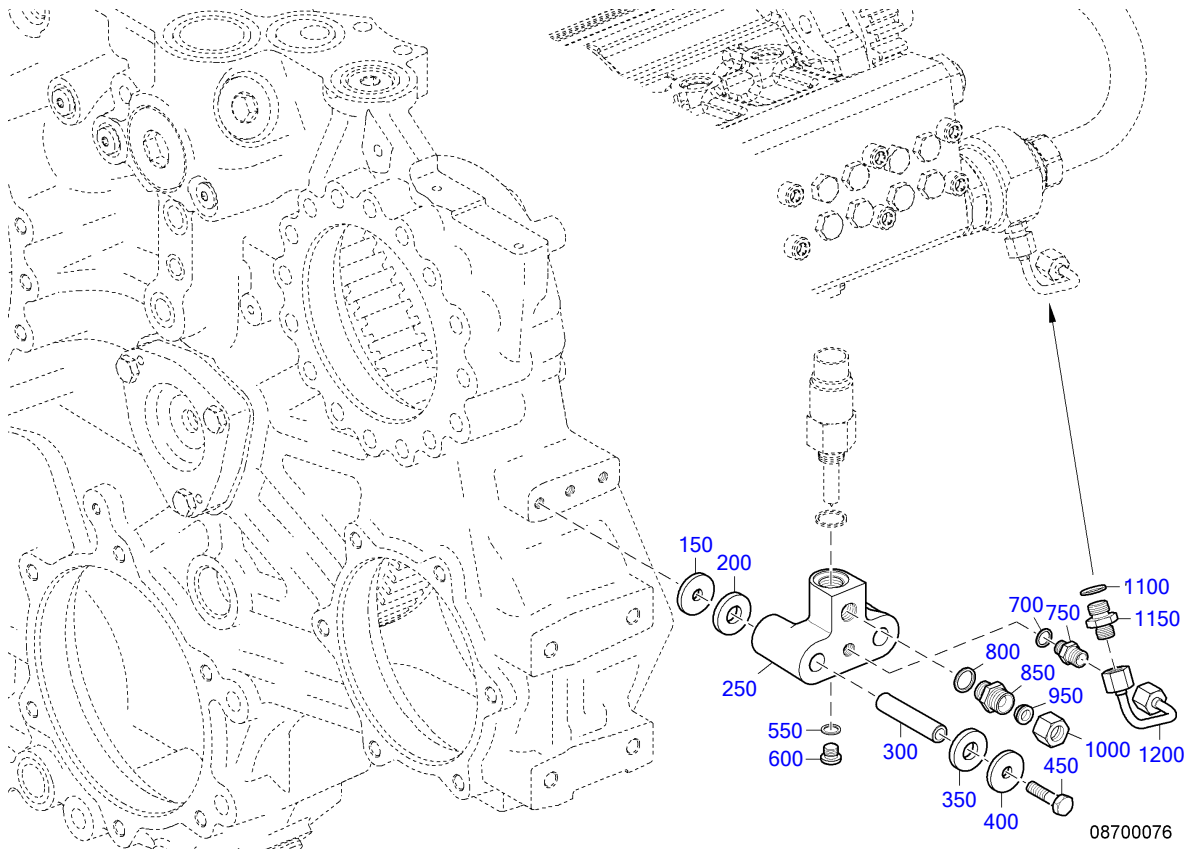
GROUP NUMBER (FG)

GROUP NAME

BOM-No.

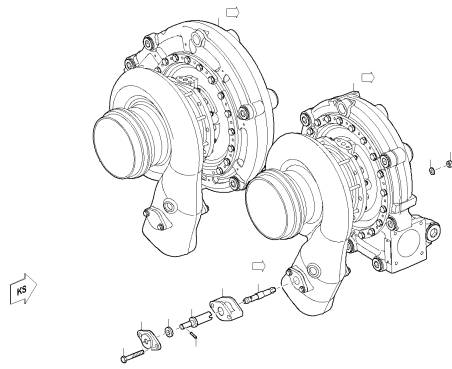


FUEL LEAK MONITORING
XS547080.00020



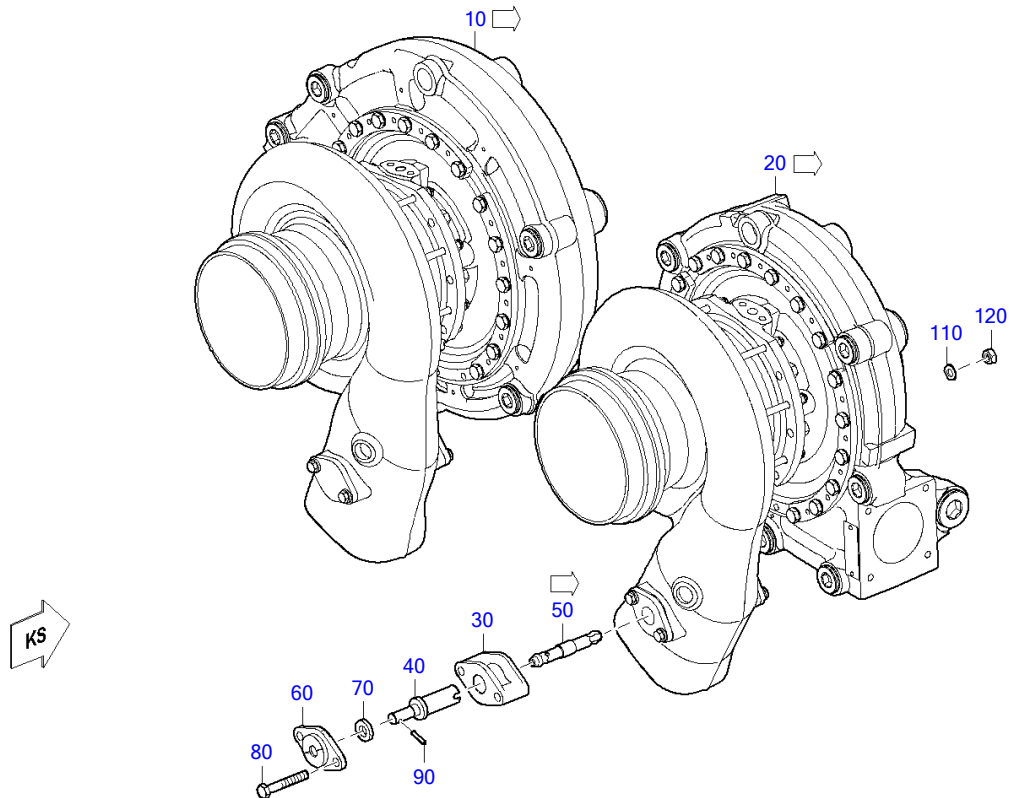
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
150	X59399100034	WASHER	2	PC	20 G			
200	X59399100051	DAMPER ELEMENT	2	PC	4 G		30X13X5 90SH	
250	X59308700006	LECKA-SENSORHOUSING	1	PC				
300	X59399100036	SPACER SLEEVE	2	PC	100 G		8,5 X 62	
350	X59399100051	DAMPER ELEMENT	2	PC	4 G		30X13X5 90SH	
400	X59399100034	WASHER	2	PC	20 G			
450	304014008032	BOLT HEX A3C S2000/4000	2	PC	35 G		M 8 X 80	ISO4014
550	007603010110	WASHER A COP	1	PC	0,300 G		A 10 X 13,5	DIN7603
600	000908010002	SCREWED PLUG	1	PC	6,800 KG		M 10 X 1	DIN908
700	007603010110	WASHER A COP	1	PC	0,300 G		A 10 X 13,5	DIN7603
750	915013004002	UNION	1	PC	14,220 G		4	N15013
800	007603014102	COPPER SEALING RING	1	PC	1 G		A 14 X 18	DIN7603
850	915006006002	UNION	1	PC	23,200 G		6	N15006
950	915005006000	CONE SEALING 8	1	PC	3,100 G		8	MBN15005
1000	915001006003	NUT	1	PC	12,500 G		6 M 14 X 1,5	N15001
1100	007603014102	COPPER SEALING RING	1	PC	1 G		A 14 X 18	DIN7603
1150	915007006003	CONNECTOR 6/4	1	PC	22,500 G		6 / 4 (M14X1,5/M12X1,5)	N15007
1200	X54708700001	FUEL LINE	1	PC		SB		

GROUP NUMBER (FG)
GROUP NAME
BOM-No.



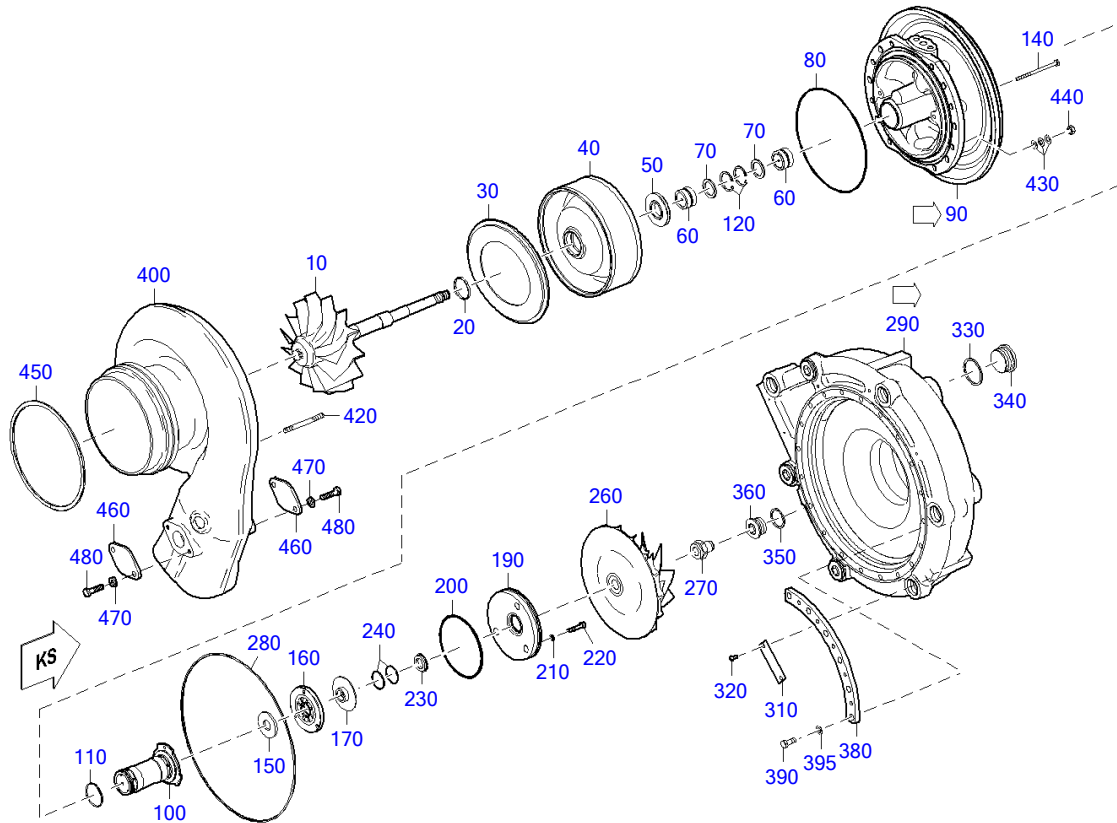
EXHAUST TURBOCHARGER
XS595100.00019

10102119a



10102119a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	X59510100077	EXHAUST TURBOCHARGER LEFT INACTIVE	ZR195	1	PC	104,073 KG	EM		
20	X59510100078	EXHAUST TURBOCHARGER RIGHT ACTIVE	ZR195	1	PC	93,700 KG	EM		
30	5261420250	BEARING BUSHING		1	PC				
40	5261420629	SHAFT		1	PC	208 G			
50	X59610100123	SHAFT		1	PC				
60	5261420060	FLANGE SEALING		1	PC				
70	5591420451	RING SEALING		1	PC	3,360 G			
80	304017010032	HEX SCREW		2	PC	43 G		M 10 X 65	ISO4017
110	000125010524	WASHER		12	PC	3,100 G		A 10,5	DIN125
120	000934010007	NUT HEX		12	PC	10,300 G		M 10	DIN934
140	RX59510100077	EXHAUST TURBOCHARGER LEFT INACTIVE	ZR195/091	1	PC	104,073 KG	MN EM		
150	RX59510100078	EXHAUST TURBOCHARGER RIGHT ACTIVE	ZR195/092	1	PC	93,700 KG	MN EM		
170	EX59510100077	EXHAUST TURBOCHARGER LEFT INACTIVE		1	PC		MN EM		
180	EX59510100078	EXHAUST TURBOCHARGER RIGHT ACTIVE		1	PC		MN EM		



10102118a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	5110805220	TURBINE WHEEL	180/23/153/83,9CM²	1	PC	5,700 KG	EM		
20	5110850560	RING SEAL	FUER ABGASTURBOLADER	1	PC	6,300 G			
30	5110813403	SHIELD HEAT TURBO		1	PC	1,360 KG			
40	5110821302	HOUSING COVER		1	PC	3,779 KG			
50	5110251976	WASHER	ZR205	1	PC	70,100 G			
60	X00016599	BEARING BUSHING		2	PC	72,900 G			
70	X59599100058	WASHER		2	PC	8 G			
80	700429185001	O-RING		1	PC	8,990 G	185 X 3		MMN429
90	X59610100159	BEARING HOUSING		1	PC	13,500 KG			
100	X59610100061	BEARING BODY		1	PC	429,200 G			
110	700429038002	O-RING		1	PC	0,940 G	38 X 2		MMN429
120	5119940041	RING SNAP		2	PC	2,900 G	34 X 1,5		DIN472
140	000000001781	HEX SCREW		2	PC	20,700 G	M 6 X 90		ISO4014
150	X00010427	WASHER		1	PC	71 G			
160	X59610100101	THRUST BEARING		1	PC				
170	X00010428	WASHER		1	PC	60 G			
190	X59610100232	RETAINING RING		1	PC	1,300 KG			
200	700429105001	O-RING		1	PC	7,520 G	105 X 3,5		MMN429
210	200433006400	WASHER		3	PC	0,700 G	6,4		DIN433
220	000912006028	SCREW		3	PC	7,970 G	M 6 X 30		DIN912
230	X00010426	RING CARRIER		1	PC	20,200 G			
240	5100850060	RING SEAL		2	PC	2 G			
260	X00041766	COMPRESSOR WHEEL	12V4000 -03	1	PC	3,122 KG	EM	130/11,2/205	
270	X00018307	MAGNETIC NUT	MM16-16L-2	1	PC	93 G		M16X1.5 LH	
280	0239978348	RING SEAL		1	PC	22,300 G			

EQUI TYPE: Engine

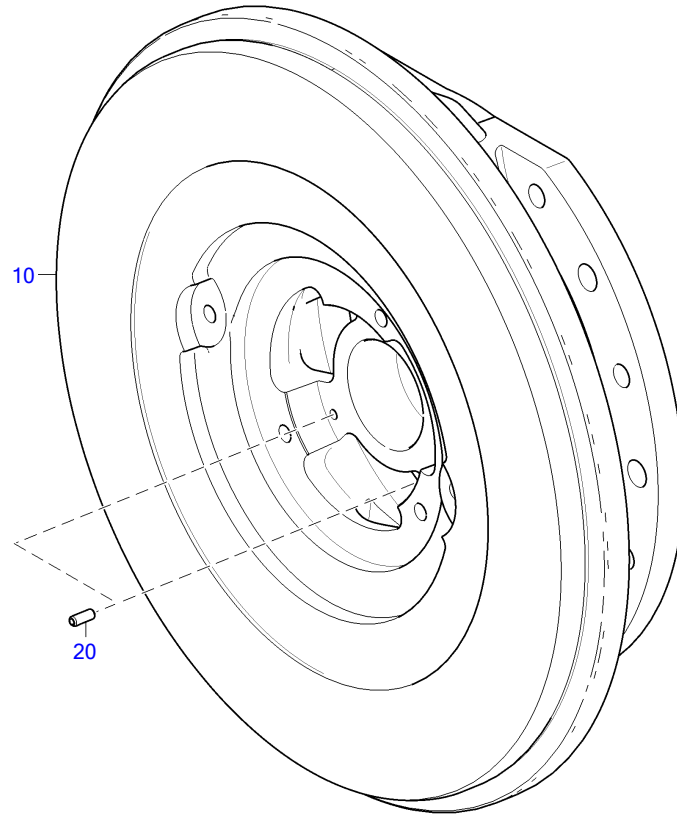
PRODUCT TYPE: 16V4000M23S
EXHAUST TURBOCHARGER LEFT INACTIVE

SERIAL NUMBER: 527110276

FG/FGS:

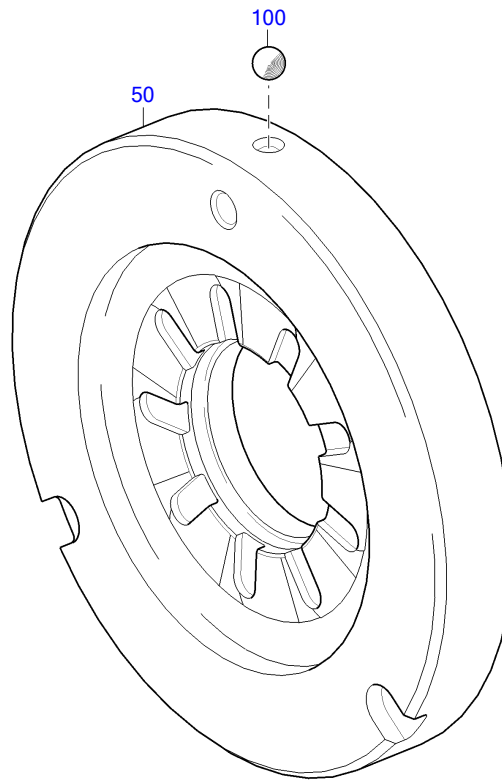
BOM-No.: X59510100077

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
290	X59410100034	COMPRESSOR HOUSING	A/R=2.36CM	1	PC	46,600 KG	EM		
310	700425000049	PLATE		1	PC	3,900 G	39		MMN425
320	215977003000	BLIND RIVET		2	PC	1 G	3X8		ISO15977
330	007603042101	COPPER SEALING RING		4	PC	8 G		A 42 X 49	DIN7603
340	000908042001	THREAD PLUG		4	PC	184 KG		M 42 X 1,5	DIN908
350	007603030101	COPPER SEALING RING		3	PC			A 30 X 36	DIN7603
360	000908030002	THREAD PLUG		3	PC	85,500 KG		M 30 X 1,5	DIN908
380	X59610100201	CLAMP FOR COMPR. HOUSING		3	PC				
390	000933010026	BOLT HEX		18	PC	24 G		M 10 X 22	DIN933
395	200433010501	WASHER		18	PC	2 G		10,5	DIN433
400	X59410100035	TURBINE HOUSING	A/R=3.3CM	1	PC	22 KG	EM		
420	200835008006	STUD		8	PC	33 G		M 8 X 75	DIN835
430	002093016100	WASHER A16		24	PC	1,030 G		A 16	DIN2093
440	5069900251	NUT		8	PC	6,600 G			
450	234110200000	PISTON RING, COMP.		1	PC	110 G		200 X 3,5 G7 KI KA	DIN34110
460	X52810100005	BLIND FLANGE		2	PC	185 G			
470	5379900140	WASHER		4	PC	5 G			
480	200933008016	BOLT AH HEX		4	PC	14,800 G		M 8 X 25	DIN933



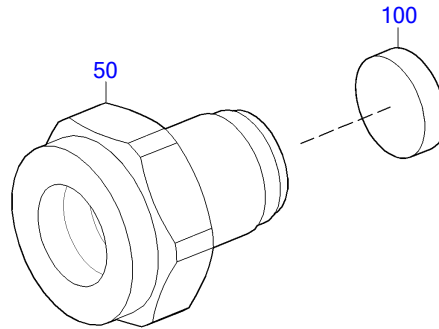
10000084a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	X59610100158	BEARING HOUSING	1	PC	14,385 KG		
20	001481004000	PIN SPRING	2	PC	0,650 G	4 X 10 - N	ISO8752



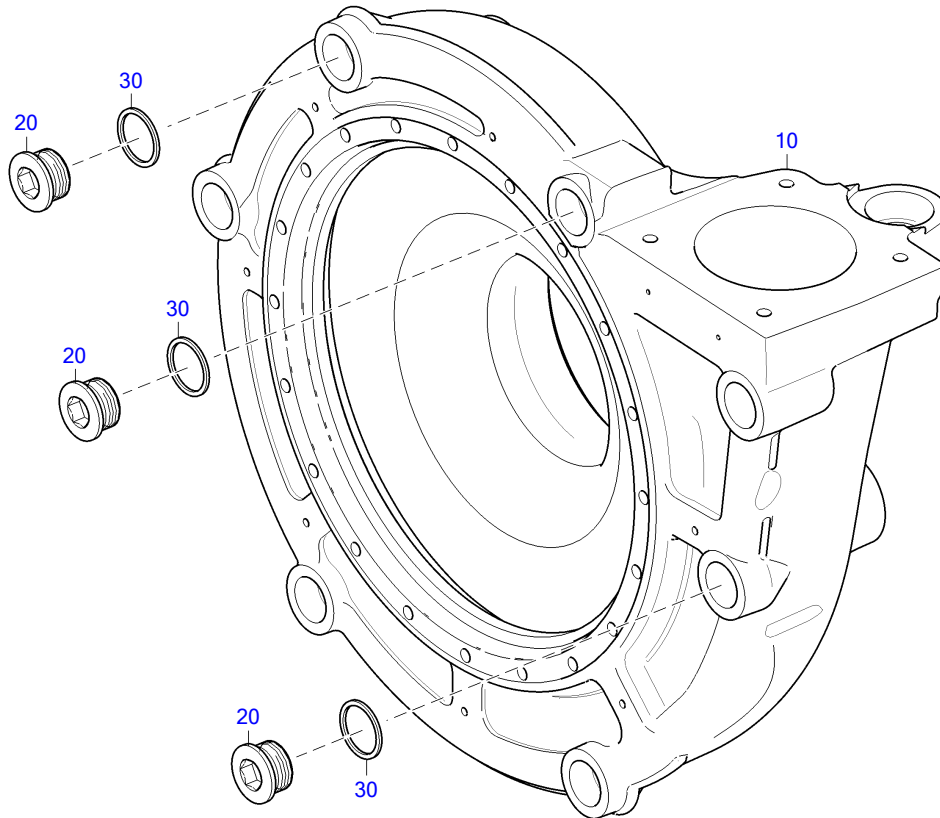
10101221a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	X59610100099	THRUST BEARING	1	PC			
100	005401304000	BALL	1	PC	0,300 G	4G20	DIN5401



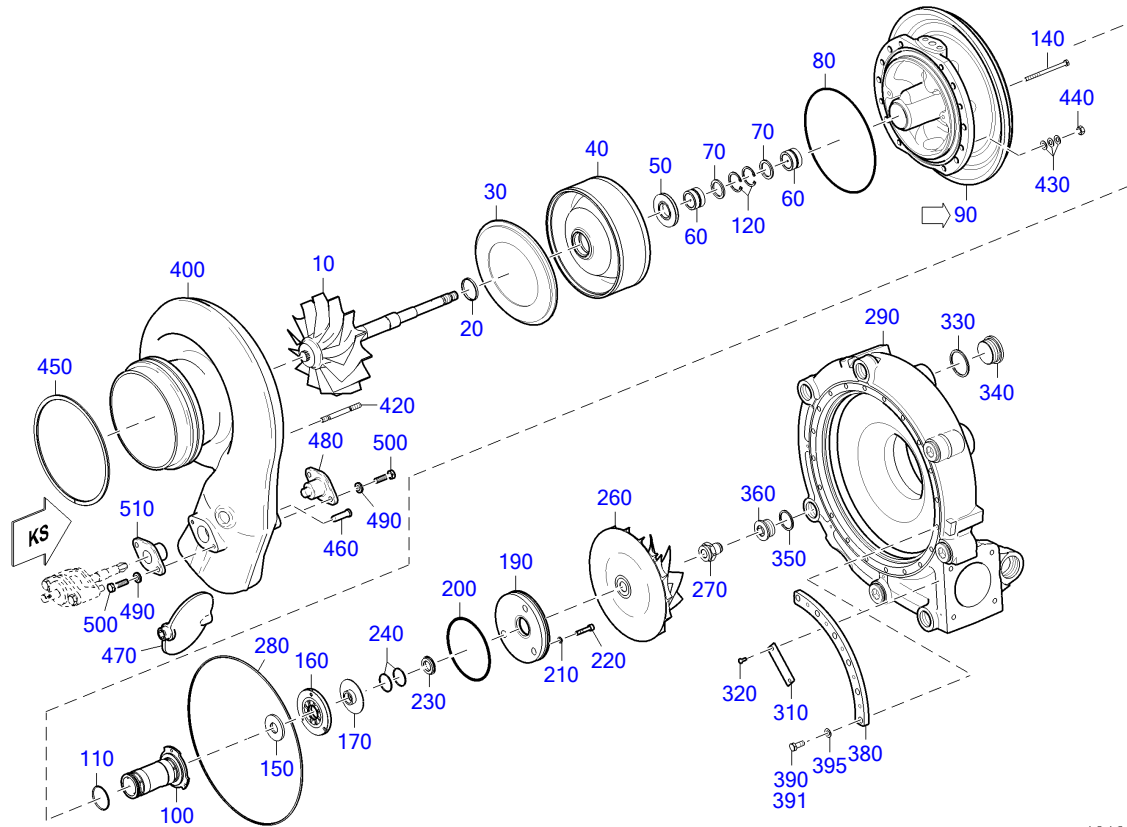
10100716b

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT
50	X00018306	MAGNETIC NUT	1	PC	87 G	M16X1.5 LH
100	0005595609	SOLENOID	1	PC		



10101238a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	X59410100033	COMPRESSOR HOUSING	A/R=2.36CM	1	PC		EM		
20	000908030002	THREAD PLUG		3	PC	85,500 KG		M 30 X 1,5	DIN908
30	007603030101	COPPER SEALING RING		3	PC			A 30 X 36	DIN7603



10101239a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	X00004664	TURBINE WHEEL	158/20/135/69CM ²	1	PC	4,400 KG	SB EM		
20	5110850560	RING SEAL	FUER ABGASTURBOLADER	1	PC	6,300 G			
30	5110813403	SHIELD HEAT TURBO		1	PC	1,360 KG			
40	5110821302	HOUSING COVER		1	PC	3,779 KG			
50	5110251976	WASHER	ZR205	1	PC	70,100 G			
60	X00016599	BEARING BUSHING		2	PC	72,900 G			
70	X59599100058	WASHER		2	PC	8 G			
80	700429185001	O-RING		1	PC	8,990 G	185 X 3		MMN429
90	X59610100161	BEARING HOUSING		1	PC	14,593 KG			
100	X59610100061	BEARING BODY		1	PC	429,200 G			
110	700429038002	O-RING		1	PC	0,940 G	38 X 2		MMN429
120	5119940041	RING SNAP		2	PC	2,900 G	34 X 1,5		DIN472
140	000000001781	HEX SCREW		2	PC	20,700 G	M 6 X 90		ISO4014
150	X00010427	WASHER		1	PC	71 G			
160	X59610100101	THRUST BEARING		1	PC				
170	X00010428	WASHER		1	PC	60 G			
190	X59610100232	RETAINING RING		1	PC	1,300 KG			
200	700429105001	O-RING		1	PC	7,520 G	105 X 3,5		MMN429
210	200433006400	WASHER		3	PC	0,700 G	6,4		DIN433
220	000912006028	SCREW		3	PC	7,970 G	M 6 X 30		DIN912
230	X00010426	RING CARRIER		1	PC	20,200 G			
240	5100850060	RING SEAL		2	PC	2 G			
260	X59410100015	COMPRESSOR WHEEL	ZR175	1	PC	1,395 KG	EM	117/10.7/179	
270	X00018307	MAGNETIC NUT	MM16-16L-2	1	PC	93 G		M16X1.5 LH	
280	0239978348	RING SEAL		1	PC	22,300 G			

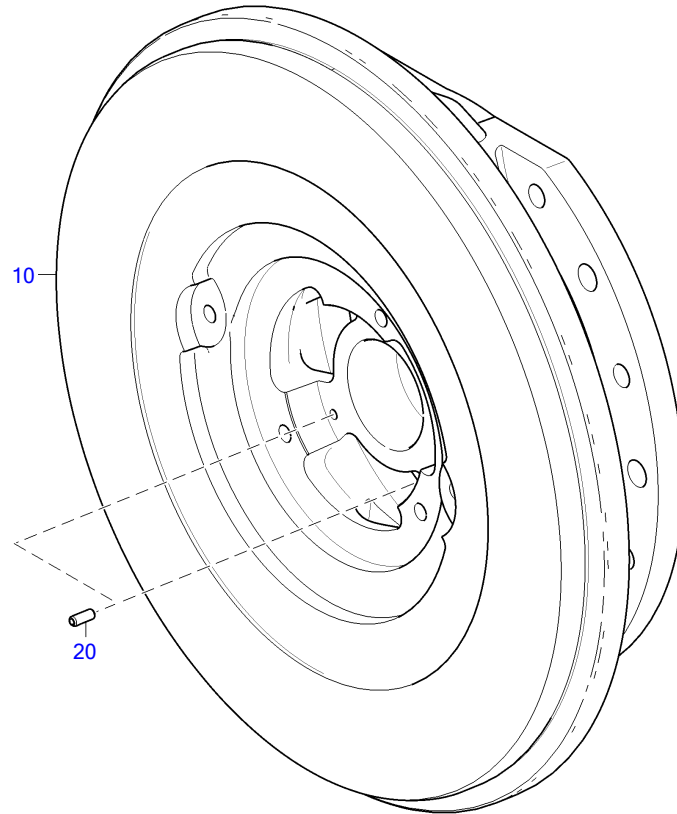
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
EXHAUST TURBOCHARGER RIGHT ACTIVE

SERIAL NUMBER: 527110276

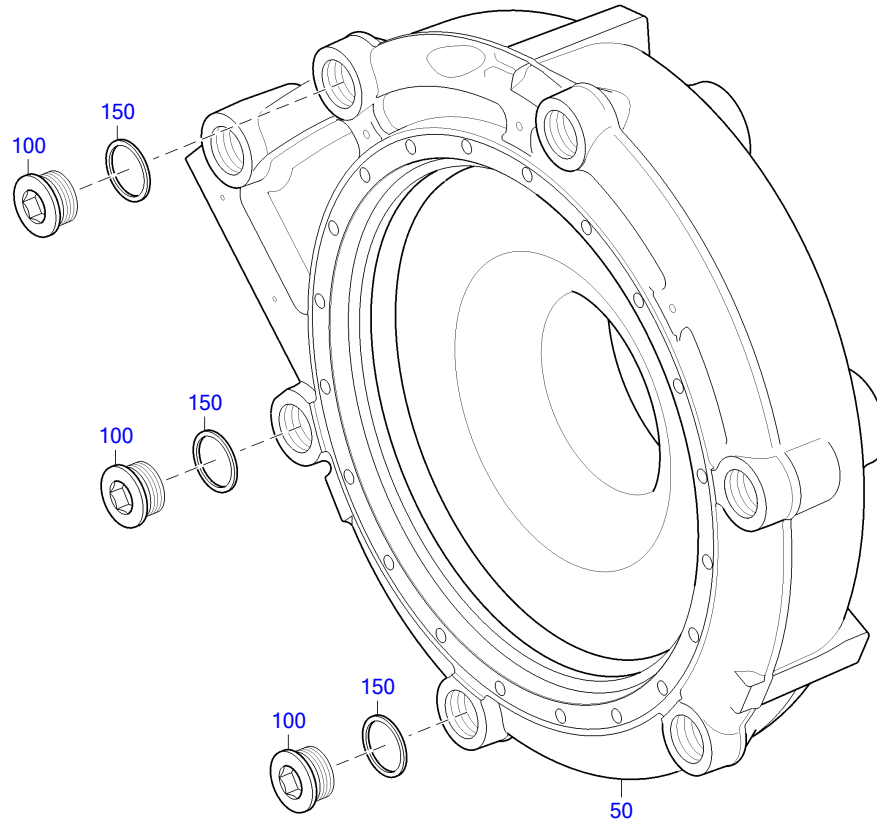
FG/FGS:
BOM-No.: X59510100078

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
290	X59410100084	COMPRESSOR HOUSING	A/R=1.91CM	1	PC	36,278 KG	EM	A/R=1.91CM	
310	700425000049	PLATE		1	PC	3,900 G		39	MMN425
320	215977003000	BLIND RIVET		2	PC	1 G		3X8	ISO15977
330	007603042101	COPPER SEALING RING		4	PC	8 G		A 42 X 49	DIN7603
340	000908042001	THREAD PLUG		4	PC	184 KG		M 42 X 1,5	DIN908
350	007603030101	COPPER SEALING RING		3	PC			A 30 X 36	DIN7603
360	000908030002	THREAD PLUG		3	PC	85,500 KG		M 30 X 1,5	DIN908
380	X59610100201	CLAMP FOR COMPR. HOUSING		3	PC				
390	000933010026	BOLT HEX		18	PC	24 G		M 10 X 22	DIN933
395	200433010501	WASHER		18	PC	2 G		10,5	DIN433
400	X00033650	TURBINE HOUSING	A/R=3,2CM; A=46.7CM2	1	PC	21,180 KG	EM		
420	200835008006	STUD		8	PC	33 G		M 8 X 75	DIN835
430	002093016100	WASHER A16		24	PC	1,030 G		A 16	DIN2093
440	5069900251	NUT		8	PC	6,600 G			
450	234110200000	PISTON RING, COMP.		1	PC	110 G		200 X 3,5 G7 KI KA	DIN34110
460	X52810100078	PIN		1	PC	23 G		13X35.5	
470	X59610100163	EXHAUST FLAP		1	PC		EM		
480	X00040708	BUSHING		1	PC	330 G			
490	5379900140	WASHER		4	PC	5 G			
500	200933008016	BOLT AH HEX		4	PC	14,800 G		M 8 X 25	DIN933
510	X00040711	BUSHING		1	PC	205 G			



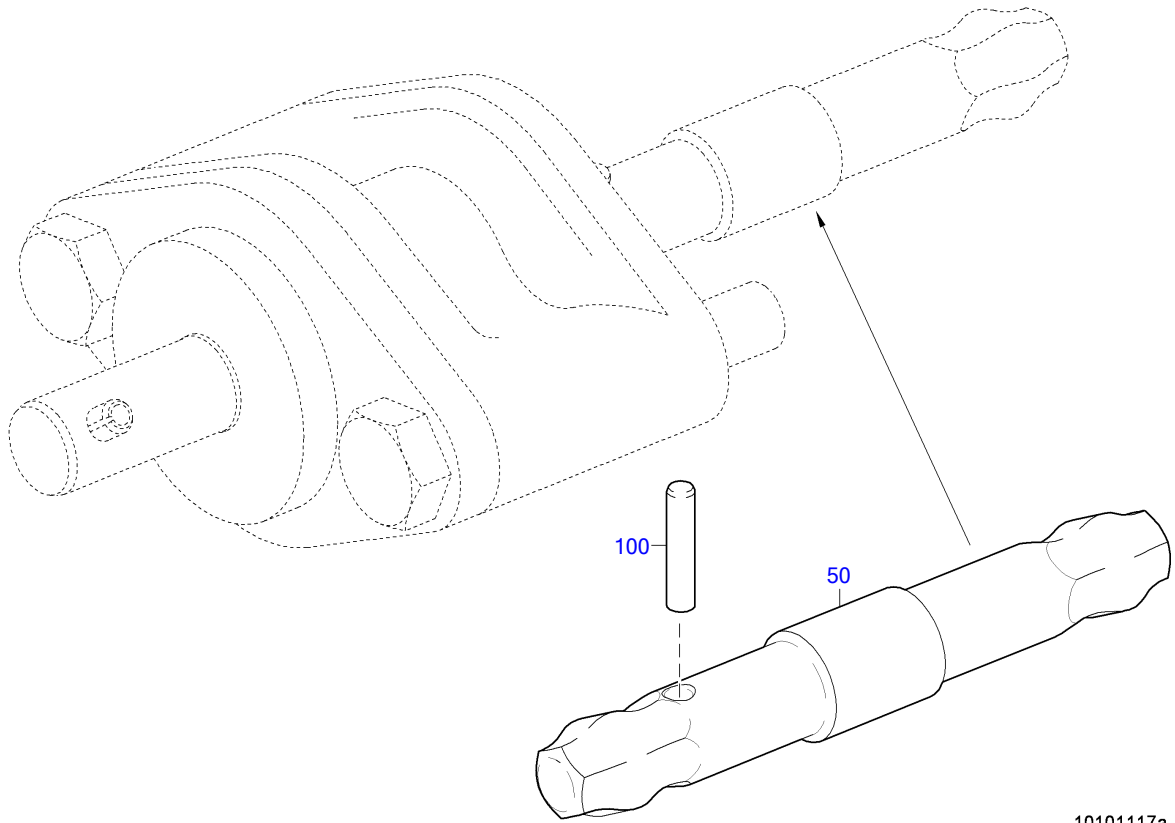
10000084a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	X59610100160	BEARING HOUSING	1	PC	14,592 KG		
20	001481004000	PIN SPRING	2	PC	0,650 G	4 X 10 - N	ISO8752



10101222a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
50	X59410100076	COMPRESSOR HOUSING	A/R=1.91CM	1	PC		EM	A/R=1.91CM	
100	000908030002	THREAD PLUG		3	PC	85,500 KG		M 30 X 1,5	DIN908
150	007603030101	COPPER SEALING RING		3	PC			A 30 X 36	DIN7603



POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
50	X59610100122	SHAFT	1	PC	
100	5269970010	PIN DOWEL	1	PC	4,500 G

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CHARGE AIR COOLING, GENERAL, LEFT SIDE

SERIAL NUMBER: 527110276
FG/FGS: 111

GROUP NUMBER (FG)

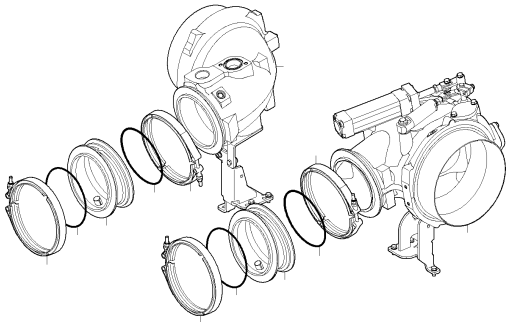
GROUP NAME

BOM-No.

INTERCOOLER
XS594110.00041

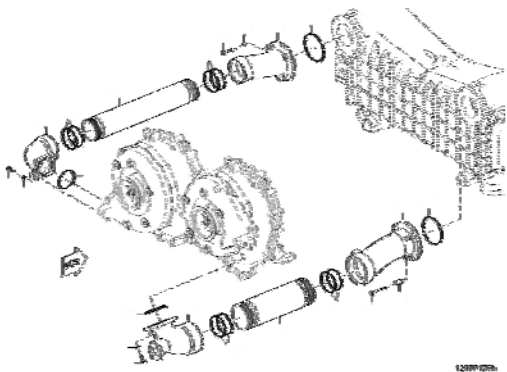
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
150	X59511400012/87	INTERCOOLER WITH TEST CERT. 3.1	1	PC		EM		
250	5240980730	BRACKET	1	PC	11,700 KG			
300	5240980830	BRACKET	1	PC	11,740 KG			
400	000000002276	HEX SCREW	6	PC	173 G		M 16 X110	ISO4017
450	5249900140	WASHER	6	PC	13,250 G			
550	5249901901	BOLT LRG FLG HEX HD	2	PC				
600	5249900304	BOLT HVY HEX FLG S4000/S60	4	PC			M12 X 65	
700	X59611400014	SUPPORT FOR INTERCOOLER	1	PC				
800	200433010501	WASHER	6	PC	2 G		10,5	DIN433
900	304017010032	HEX SCREW	6	PC	43 G		M 10 X 65	ISO4017
1000	000939012031	STUD	8	PC			M 12 X 45	DIN939
1050	000000004744	HEX NUT	8	PC	32 G		M 12	ISO4032
1150	5240983015	ELBOW	1	PC	6,200 KG	EM	KRÜMMER LINKE SEITE	
1200	735210014000	THREAD PLUG	2	PC	19,100 KG		M 14 X 1,5	MTN5210
1220	735210018000	PLUG	1	PC	35,800 KG		M 18 X 1,5	MTN5210
1300	5240983115	ELBOW	1	PC	4,500 KG	EM	KRÜMMER RECHTE SEITE	
1350	735210014000	THREAD PLUG	2	PC	19,100 KG		M 14 X 1,5	MTN5210
1400	735210018000	PLUG	1	PC	35,800 KG		M 18 X 1,5	MTN5210
1420	700429140000	O-RING	1	PC	51 G		140 X 8	MMN429
1500	5269970045	SEAL RING (SQUARE CUT) CAC OUTLET	2	PC	16,390 G			
1550	204017012009	HEX SCREW	8	PC	45 G	MN	M 12 X 40	ISO4017
1600	735151012100	SPACER S2000/4000	8	PC	20 G		A 12,5	MTN5151
1650	EX59511400012/87	INTERCOOLER WITH TEST CERT. 3.1	1	PC	516 KG	MN EM		

GROUP NUMBER (FG)
GROUP NAME
BOM-No.



AIR SYSTEM BEFORE TURBOCHARGER
XS526120.00050

12300518a



AIR PIPING BEFORE INTERCOOLER
XS595120.00024

12300518b

DIVERTER VALVE
XS595120.00043

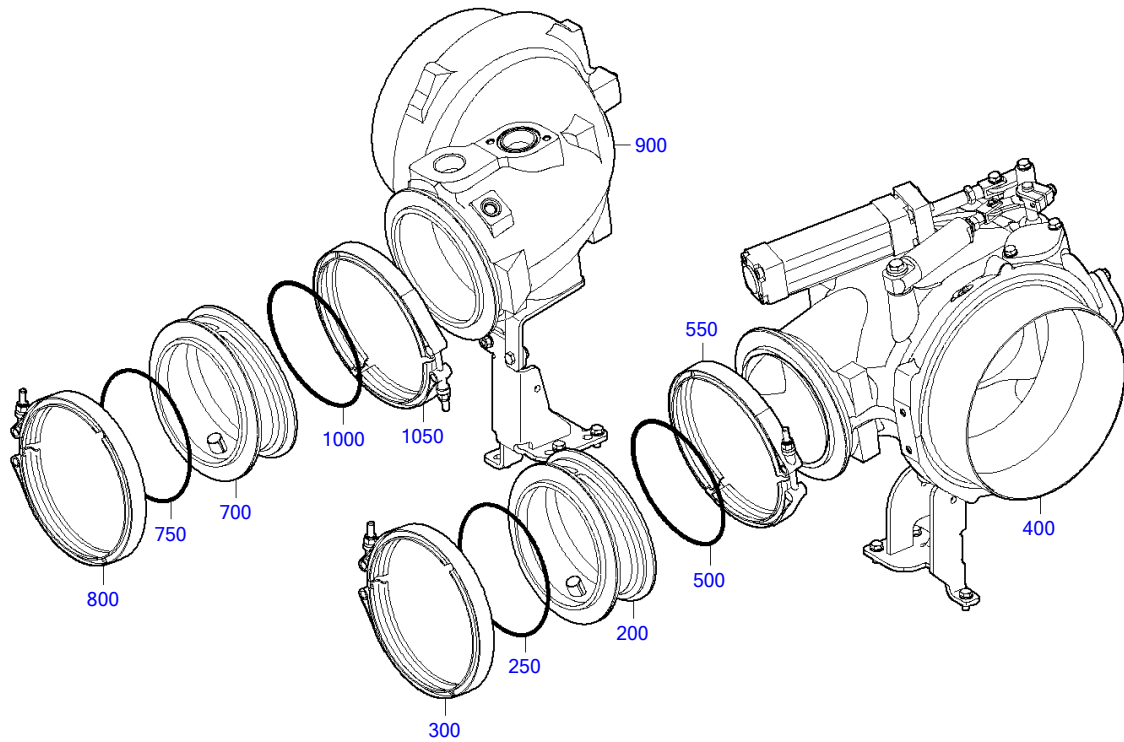
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
AIR SYSTEM BEFORE TURBOCHARGER

SERIAL NUMBER: 527110276

FG/FGS: 120 00

BOM-No.: XS526120.00050



12300518a

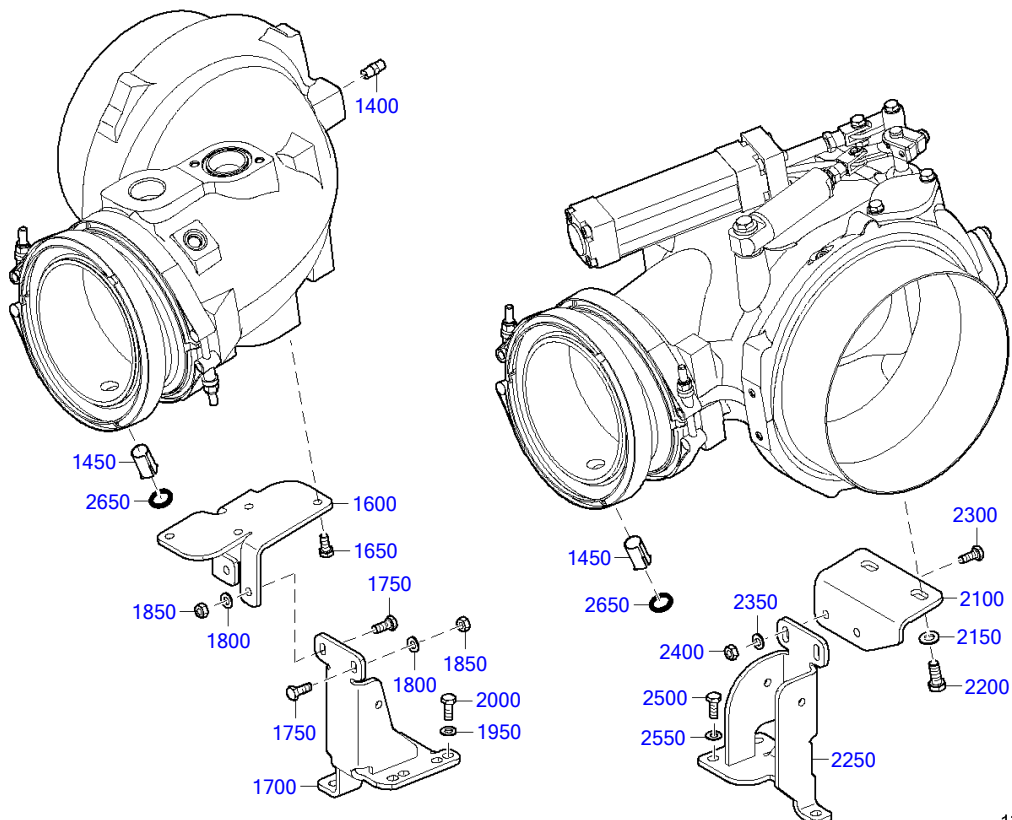
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
AIR SYSTEM BEFORE TURBOCHARGER

SERIAL NUMBER: 527110276

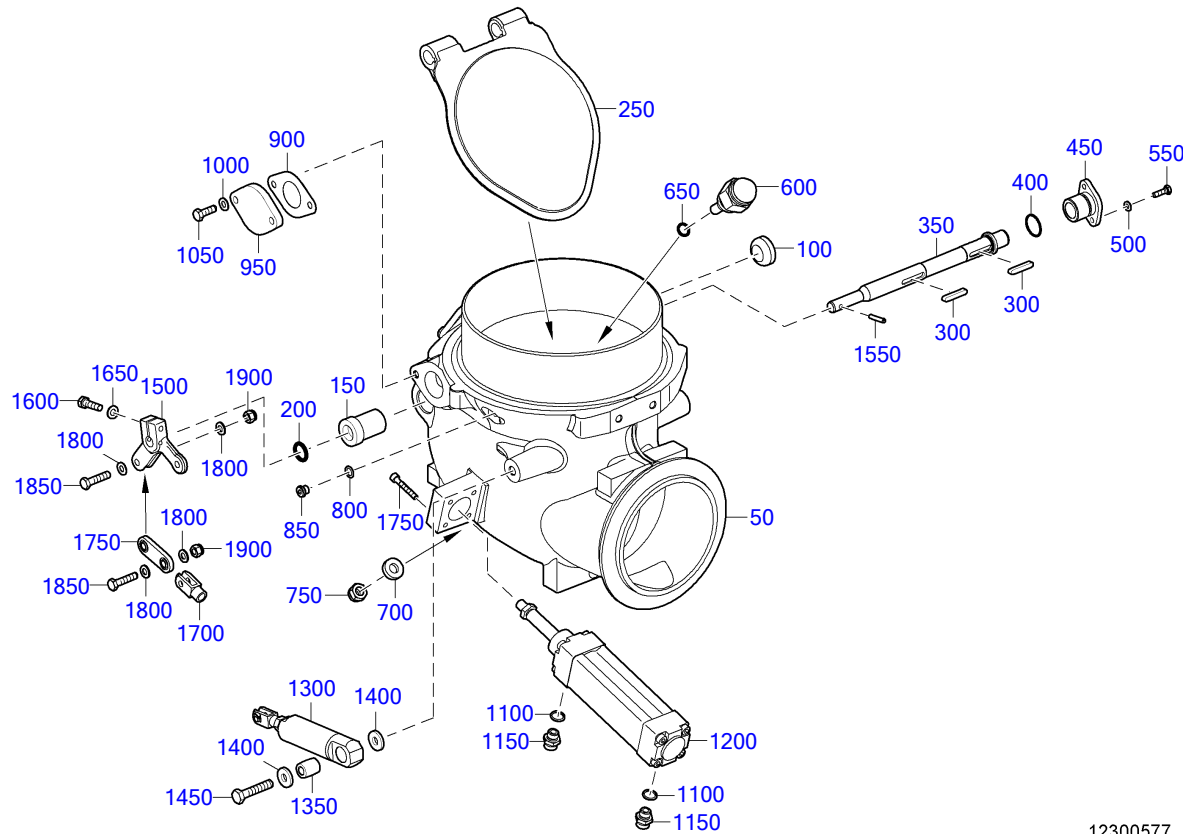
FG/FGS: 120 00

BOM-No.: XS526120.00050



12300519a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
200	X52612300083	REDUCER		1	PC		EM		
250	700429160001	O-RING		1	PC	14 G		160 X 4	MMN429
300	0049978190	CLAMP		1	PC	601 G			
400	X52612300097	INTAKE HOUSING		1	PC	16,740 KG	EM		
500	700429160001	O-RING		1	PC	14 G		160 X 4	MMN429
550	0049978190	CLAMP		1	PC	601 G			
700	X52612300083	REDUCER		1	PC		EM		
750	700429160001	O-RING		1	PC	14 G		160 X 4	MMN429
800	0049978190	CLAMP		1	PC	601 G			
900	X52612300106	INTAKE HOUSING	HORIZONTAL	1	PC	7,880 KG	EM		
1000	700429160001	O-RING		1	PC	14 G		160 X 4	MMN429
1050	0049978190	CLAMP		1	PC	601 G			
1400	0009973375	ADAPTER FITTING W/SINTERED FLTR		1	PC	13 G			
1450	3555420273	BUSHING FOR SPEED SENSOR		2	PC	6,180 G			
1470	700429015001	O-RING		2	PC			15,5 X 4,5	MMN429
1600	X59599100100	RETAINER		1	PC	855 G			
1650	204017008009	BOLT		4	PC	11 G		M 8 X 18	ISO4017
1700	X59599100099	RETAINER		1	PC	2,500 KG			
1750	304017008083	BOLT HEX A3C		2	PC	15 G		M 8 X 30	ISO4017
1800	007349008002	WASHER		4	PC	8,300 G	8,4		DIN7349
1850	304032008014	NUT HEX 8 A3C		2	PC	4,800 G	M 8		ISO4032
1950	007349008002	WASHER		4	PC	8,300 G	8,4		DIN7349
2010	304017008081	HEX BOLT		4	PC	13,500 G		M 8 X 25	ISO4017
2100	X59599100101	RETAINER		1	PC	1,115 KG			
2150	007349010002	WASHER		2	PC	11 G		10,5	DIN7349
2200	000000001464	BOLT HEX A3C		2	PC	25 G		M 10 X 30	ISO4017
2250	X59599100142	RETAINER		1	PC	3,514 KG			
2300	304017008083	BOLT HEX A3C		2	PC	15 G		M 8 X 30	ISO4017
2350	007349008002	WASHER		4	PC	8,300 G	8,4		DIN7349
2400	304032008014	NUT HEX 8 A3C		2	PC	4,800 G	M 8		ISO4032
2500	304017008081	HEX BOLT		3	PC	13,500 G		M 8 X 25	ISO4017
2550	007349008002	WASHER		5	PC	8,300 G	8,4		DIN7349
2600	304017008083	BOLT HEX A3C		2	PC	15 G		M 8 X 30	ISO4017
2650	5900942853	SPACER SLEEVE		2	PC	6,100 G			



12300577

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
50	X52612300096	INTAKE HOUSING	HORIZONTAL/GESCHALTET	1	PC	8,800 KG	EM		
100	700088036000	PLUG		1	PC	16,830 G	36		MMN88
150	5350980050	BUSHING		1	PC	187,500 G			
200	700429018005	O-RING		1	PC	1,900 G	18 X 4		MMN429
250	5240900265	FLAP		1	PC	1,268 KG			
300	006885006045	KEY WOODRUFF A		1	PC		A 6 X 6 X 36		DIN6885
325	206885006000	KEY		1	PC		A 6 X 6 X 40		DIN6885
350	X59499100582	SHAFT		1	PC	0,600 KG			
400	700429025001	O-RING		1	PC	1 G	25 X 2,5		MMN429
450	5590981750	FLANGE		1	PC	190 G			
500	000125006431	WASHER		2	PC	0,900 G	A 6,4		DIN125
550	000000001444	BOLT HEX A3C		2	PC	6 G	M 6 X 20		ISO4017
600	X00034972	STOP		1	PC	355 G			
650	700429012004	O-RING		1	PC	0,840 G	12 X 3		MMN429
700	735151012100	SPACER S2000/4000		1	PC	20 G	A 12,5		MTN5151
750	999900012000	NUT		1	PC	19 G	M 12		AGGN14440
800	007603010112	SEALING RING		1	PC	0,730 G	A 10 X 15		DIN7603
850	000908010002	SCREWED PLUG		1	PC	6,800 KG	M 10 X 1		DIN908
900	X00014409	GASKET		2	PC	4,400 G			
950	5592030286	COVER		2	PC				
1000	000125008427	WASHER		4	PC	1,500 G	A 8,4		DIN125
1050	304017008081	HEX BOLT		4	PC	13,500 G	M 8 X 25		ISO4017
1100	007603014102	COPPER SEALING RING		2	PC	1 G	A 14 X 18		DIN7603
1150	700419999021	SCREW-FITTING UNION		2	PC	25 G	10 G 1/4 A		MMN419
1200	X56912300043	ACTUATING CYLINDER		1	PC	1,300 KG			

EQUI TYPE: Engine

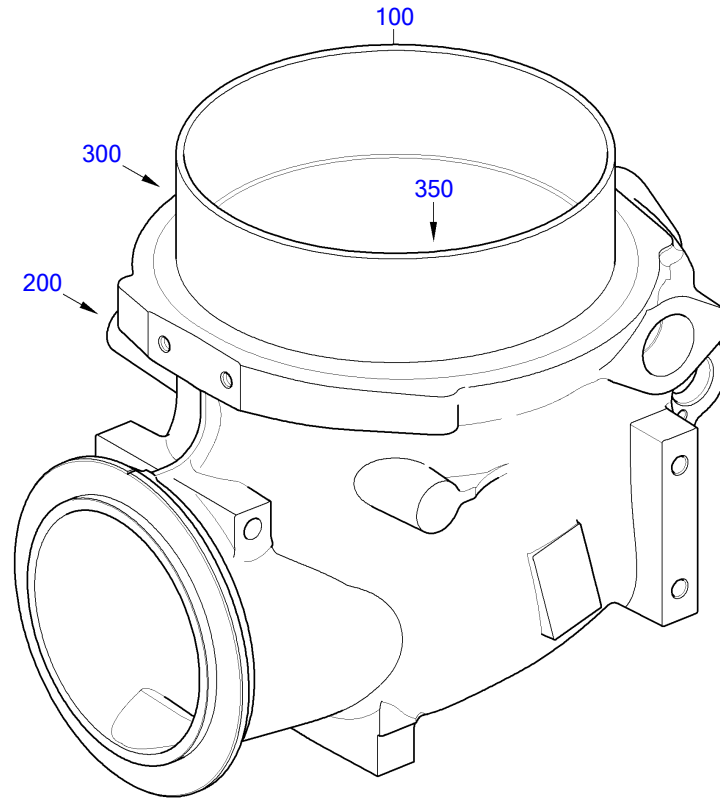
PRODUCT TYPE: 16V4000M23S
INTAKE HOUSING

SERIAL NUMBER: 527110276

FG/FGS: 120 00

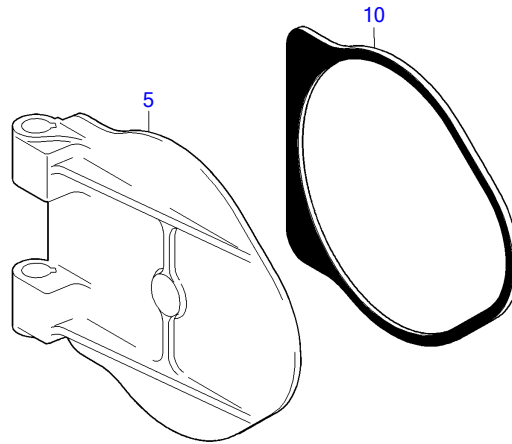
BOM-No.: X52612300097

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
1250	000912006031	SCREW		4	PC	10,260 G		M 6 X 40	DIN912
1300	5260900009	CYLINDER	BR4000	1	PC				
1350	5360980250	BUSHING		1	PC				
1400	007349010002	WASHER		2	PC	11 G		10,5	DIN7349
1450	00000003693	HEX SCREW		1	PC	36,200 G		M 10 X 50	ISO4017
1500	X59612300026	LEVER		1	PC				
1550	001481005004	SPRING PIN		1	PC			5 X 28 - N	ISO8752
1600	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
1650	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125
1700	X00041795	CLEVIS		1	PC	40,600 G			
1750	5361400146	ROD		1	PC	66 G			
1800	000125008427	WASHER		4	PC	1,500 G		A 8,4	DIN125
1850	304017008084	BOLT HEX A3C		2	PC	16,565 G		M 8 X 35	ISO4017
1900	5069900251	NUT		2	PC	6,600 G			



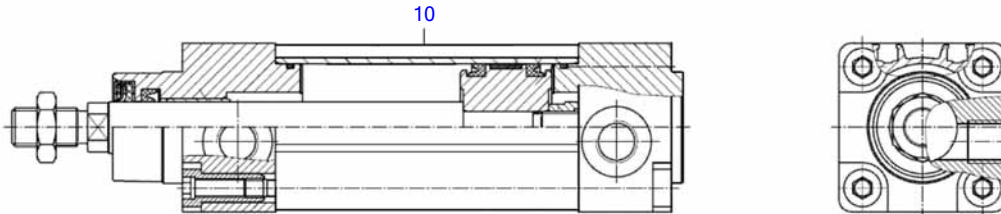
12300581

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN
100	X52612300095	INTAKE HOUSING	HORIZONTAL/GESCHALTET	1	PC	8,800 KG	EM



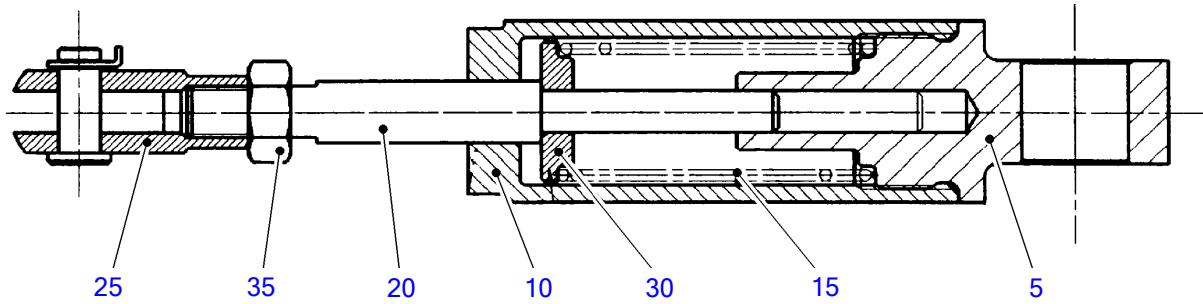
12300103a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
5	5240980010	FLAP	1	PC	1,288 KG
10	5249870051	FLAP SEAL	1	PC	



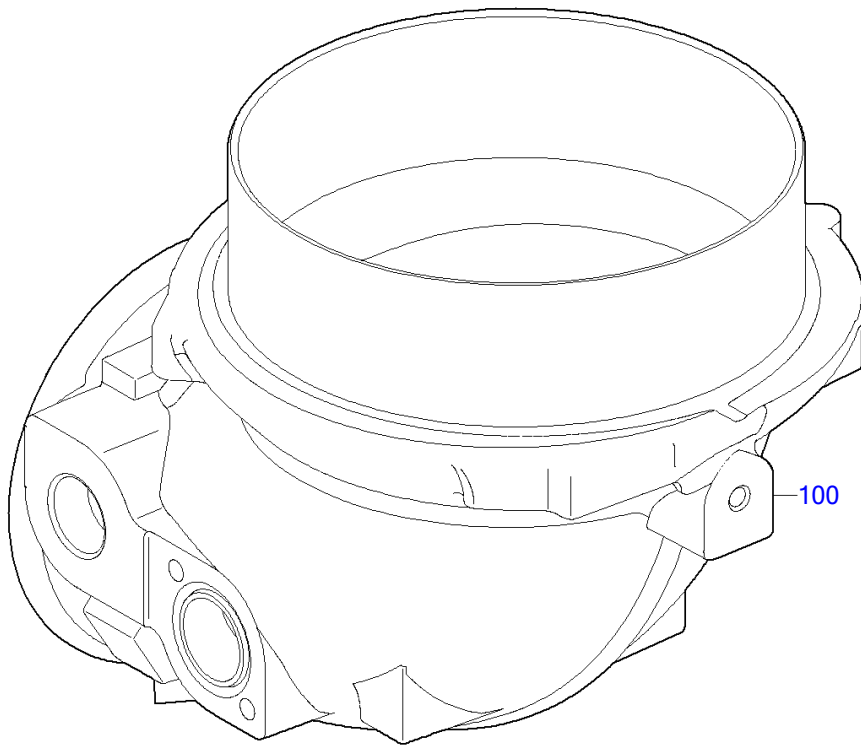
12300699

POS.	PART NO.	DESIGNATION	QTY.	UNITS
10	XP56900600007	PARTS KIT	1	PC



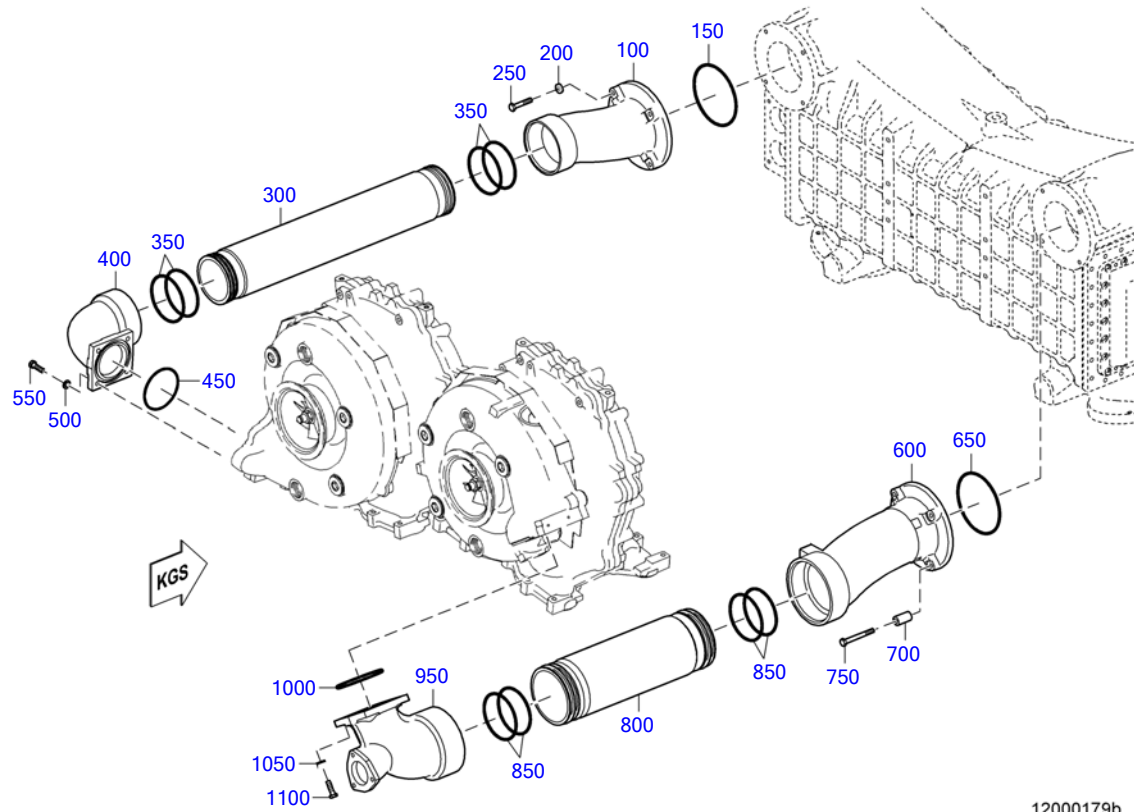
03700421a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
5	5360980032	PISTON GUIDE		1	PC	236 G		
10	5360980018	CYLINDER		1	PC	233 G		
15	5269930101	PRESSURE SPRING	4000	1	PC	18 G		
20	5360980090	ROD		1	PC	71,900 G		
25	0009963401	CLEVIS		1	PC	45 G		
30	5360980176	WASHER		1	PC	18 G		
35	000934010005	NUT HEX		1	PC	10,720 G	M 10	DIN934



12300515a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN
100	X52612300105	INTAKE HOUSING	HORIZONTAL	1	PC	8 KG	EM



12000179b

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
100	X00008876	ELBOW		1	PC	3,260 KG	EM		
150	X59499100165	SEALING RING		1	PC	17,700 G		147 X 5	
200	735151010100	SPACER		4	PC	11 G		A 10,5	MTN5151
250	204014010001	HEX SCREW		4	PC	39,500 G		M 10 X 55	ISO4014
300	X59512500017	PLUG-IN PIPE		1	PC	7 KG			
350	X00009934	O-RING		4	PC	19 G		110 X 6	
400	X59412500025	ELBOW F/TURBOCHARGER,RIGH		1	PC	5,220 KG	EM		
450	X59499100160	O-RING		1	PC	13,400 G		100 X 5	
500	000125010524	WASHER		4	PC	3,100 G		A 10,5	DIN125
550	00000003326	HEX SCREW		4	PC	28,180 G		M 10 X 35	ISO4017
600	5260900328	ELBOW	4000LH	1	PC	5,025 KG			
650	X59499100165	SEALING RING		1	PC	17,700 G		147 X 5	
700	8351530053	SPACER TUBE		2	PC	82 G			
730	X59499100221	BUSHING		2	PC	0,074 KG			
750	00000003510	HEX SCREW		4	PC	66 G		M 10 X 90	ISO4014
800	X59512500006	PLUG-IN PIPE INTERCOOLER, LEFT		1	PC	4,720 KG			
850	0259979048	O-RING		4	PC	41,500 G			
950	X59512500021	ELBOW F.CONN. IC.-TC LEFT		1	PC	7,460 KG	EM		
1000	0289975248	O-RING		1	PC	13,900 G			
1050	000125010524	WASHER		4	PC	3,100 G		A 10,5	DIN125
1100	00000003326	HEX SCREW		4	PC	28,180 G		M 10 X 35	ISO4017

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S

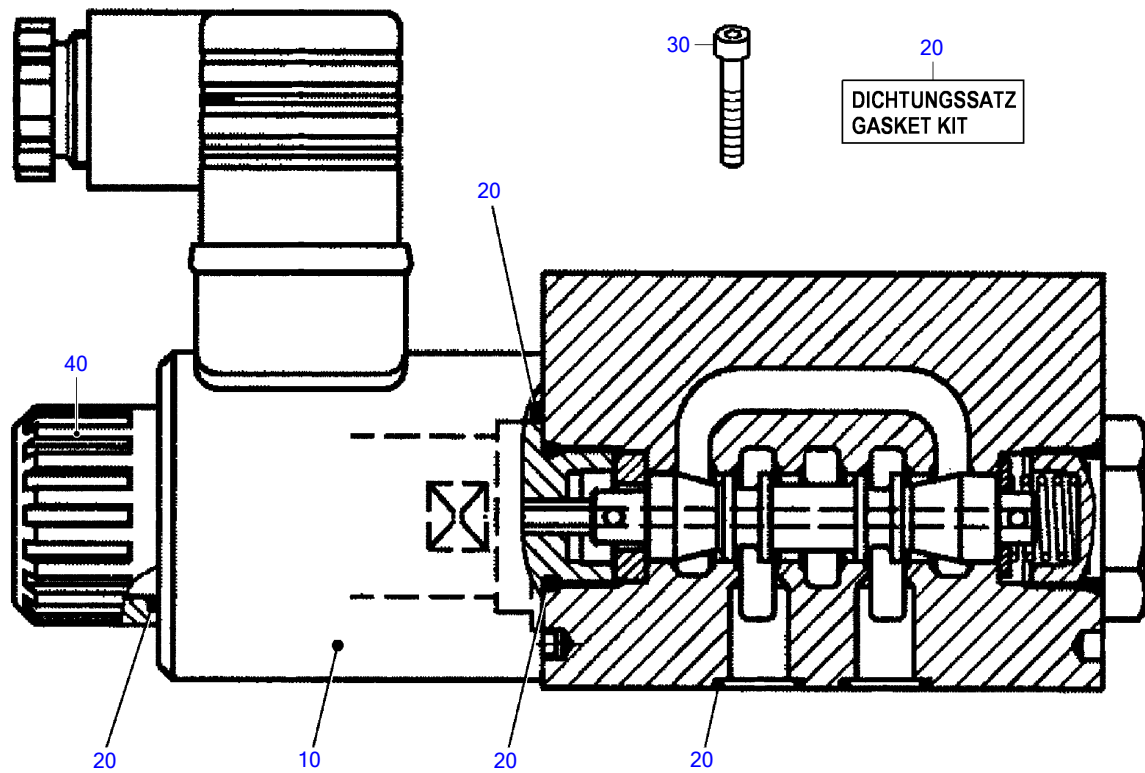
SERIAL NUMBER: 527110276

DIVERter VALVE

FG/FGS: 120 00

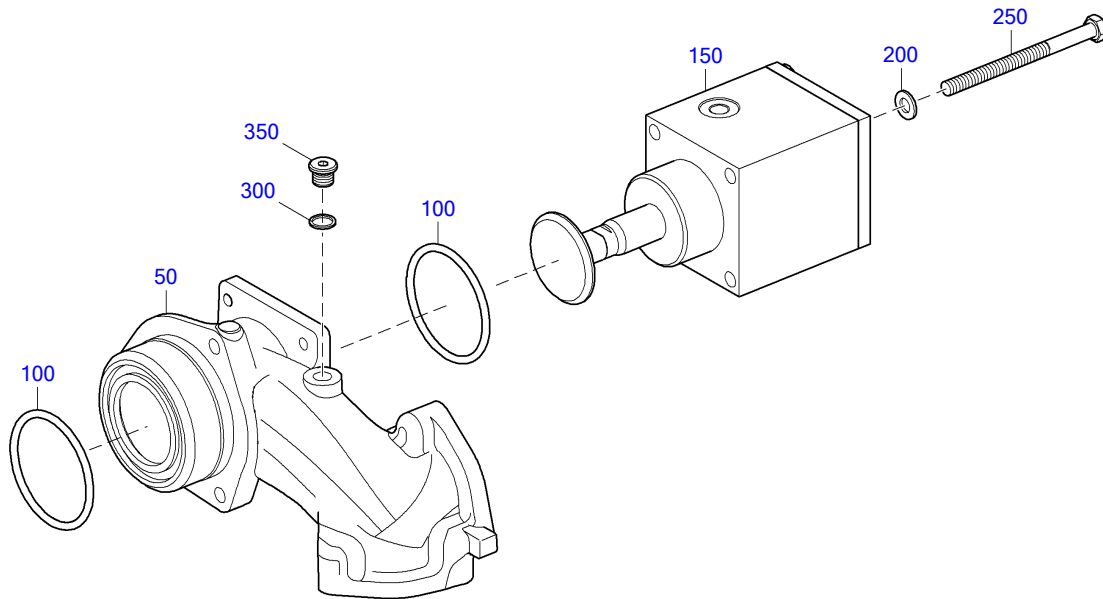
BOM-No.: XS595120.00043

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
100	X59512300014	DIVERter VALVE	1	PC	9,888 KG	EM		
120	X59512500026	GASKET F/AIR TRANSFER VALV	1	PC	8 G			
200	000000001039	BOLT HEX A3C	3	PC	29,800 G		M 10 X 40	ISO4017
250	000125010524	WASHER	3	PC	3,100 G		A 10,5	DIN125
350	5272030080	GASKET	1	PC	6 G			
400	000000001464	BOLT HEX A3C	3	PC	25 G		M 10 X 30	ISO4017
450	X52812500001	FLANGE	1	PC				
550	X00041391	ACTUATOR VLV	1	PC	1,880 KG			
650	000000003558	BOLT HEX SOC ZNPH R5F	4	PC	5,400 G		M 5 X 30	DIN912
700	007603014102	COPPER SEALING RING	2	PC	1 G		A 14 X 18	DIN7603
750	915013008002	SCREW NECK	2	PC	24 G		8 (M16X1,5/M14X1,5)	N15013
850	X59512500033	AIR LINE F/AIR TRANSFER VALV	1	PC	2 KG	EM		
900	5272030080	GASKET	2	PC	6 G			
950	000912010038	SCREW	6	PC	27 G		M 10 X 30	DIN912
1000	000125010524	WASHER	6	PC	3,100 G		A 10,5	DIN125
1100	X59499100079	BRACKET	1	PC				
1150	007349008002	WASHER	4	PC	8,300 G		8,4	DIN7349
1200	304017008083	BOLT HEX A3C	2	PC	15 G		M 8 X 30	ISO4017
1250	304017008084	BOLT HEX A3C	2	PC	16,565 G		M 8 X 35	ISO4017
1300	735151008200	SPACER	2	PC	13 G		B 8,4	MTN5151
1400	X59312500003	PIPE HALF-CLAMP	1	PC	341 G			
1450	700346065200	PIPE CLAMP HALF	1	PC	307,800 G		BD 9 - 65	MMN346
1500	304017008088	BOLT HEX A3C	2	PC	23,440 G		M 8 X 55	ISO4017
1850	X59599100097	RETAINER	1	PC	2,190 KG			
1900	007349008002	WASHER	2	PC	8,300 G		8,4	DIN7349
1950	304017008081	HEX BOLT	2	PC	13,500 G		M 8 X 25	ISO4017
1975	304017008083	BOLT HEX A3C	2	PC	15 G		M 8 X 30	ISO4017
2050	700346065200	PIPE CLAMP HALF	1	PC	307,800 G		BD 9 - 65	MMN346
2075	700346065300	PIPE CLAMP HALF	1	PC	333 G		BG 8 - 65	MMN346
2100	007349008002	WASHER	2	PC	8,300 G		8,4	DIN7349
2150	204017008032	HEX SCREW	2	PC	25,900 G		M 8 X 65	ISO4017



12300496a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	XP52736400001	SOLENOID	1	PC	358 G		
20	8495860032	SET OF SEALS	1	PC	85 G	INHALT SIEHE GRUNDDATENTEXT	
30	00000003558	BOLT HEX SOC ZNPH R5F	4	PC	5,400 G	M 5 X 30	DIN912
40	XP51699100033	NUT	1	PC			



12600081a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
50	X59612300005	VALVE HOUSING		1	PC		EM		
100	700429075001	O-RING		2	PC	10,900 G		75 X 5	MMN429
150	X59612300007	CYLINDER	BR4000	1	PC	4.009 G			
200	000125010524	WASHER		4	PC	3,100 G		A 10,5	DIN125
250	00000004400	HEX SCREW		4	PC	84,200 G		M 10 X130	ISO4014
300	007603014102	COPPER SEALING RING		2	PC	1 G		A 14 X 18	DIN7603
350	000908014001	THREAD PLUG		2	PC	16,100 KG		M 14 X 1,5	DIN908

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
AIR FILTER

SERIAL NUMBER: 527110276
FG/FGS: 121

GROUP NUMBER (FG)

GROUP NAME

BOM-No.

CONTAM INDICATOR

XS593120.00028

AIR FILTER

XS594120.00071

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CONTAM INDICATOR

SERIAL NUMBER: 527110276

FG/FGS: 121 05
BOM-No.: XS593120.00028

POS.	PART NO.	DESIGNATION	QTY.	UNITS
5	0000943268	INDICATOR AIR FILTER RESTRISTER	1	PC

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
AIR FILTER

SERIAL NUMBER: 527110276

FG/FGS: 121 05

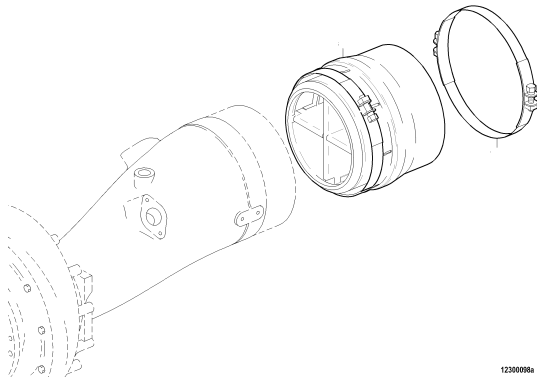
BOM-No.: XS594120.00071

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
15	0180943002	AIR FILTER	2	PC	6,300 KG	EM		
20	900288260000	CLAMP	2	PC	384 G		S 260/25X1,25 SK 2T	N288A

GROUP NUMBER (FG)

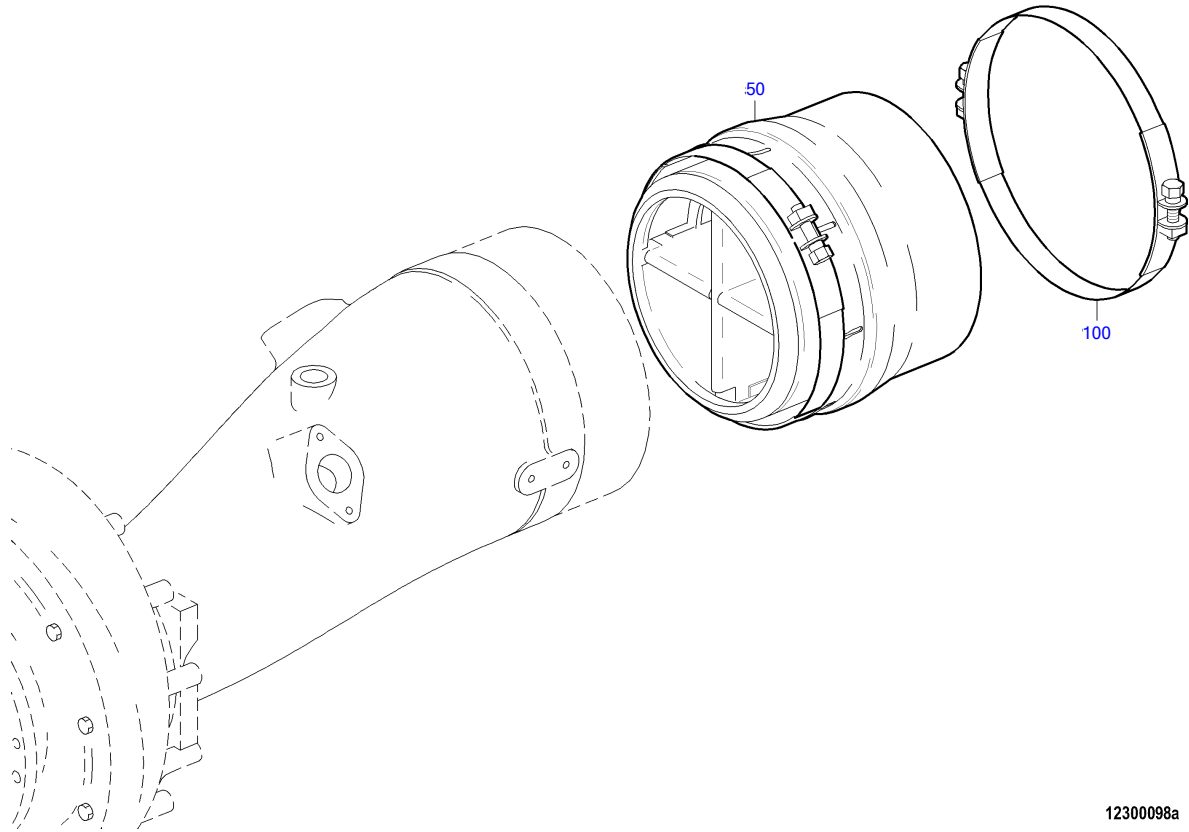
GROUP NAME

BOM-No.



INTAKE SILENCER
X00010987

12300098a



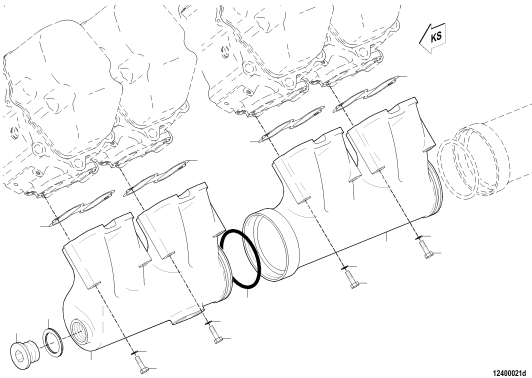
12300098a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
50	5260900104	SILENCER AIR INTAKE	12/16V4000 MAR.	2	PC	2,600 KG	EM		
100	900288254000	CLAMP		2	PC	344 G		S 254/25X1,25 SK 2T	N288A

GROUP NUMBER (FG)

GROUP NAME

BOM-No.



AIR PIPING INTERCOOLER TO CYLH
XS595120.00003

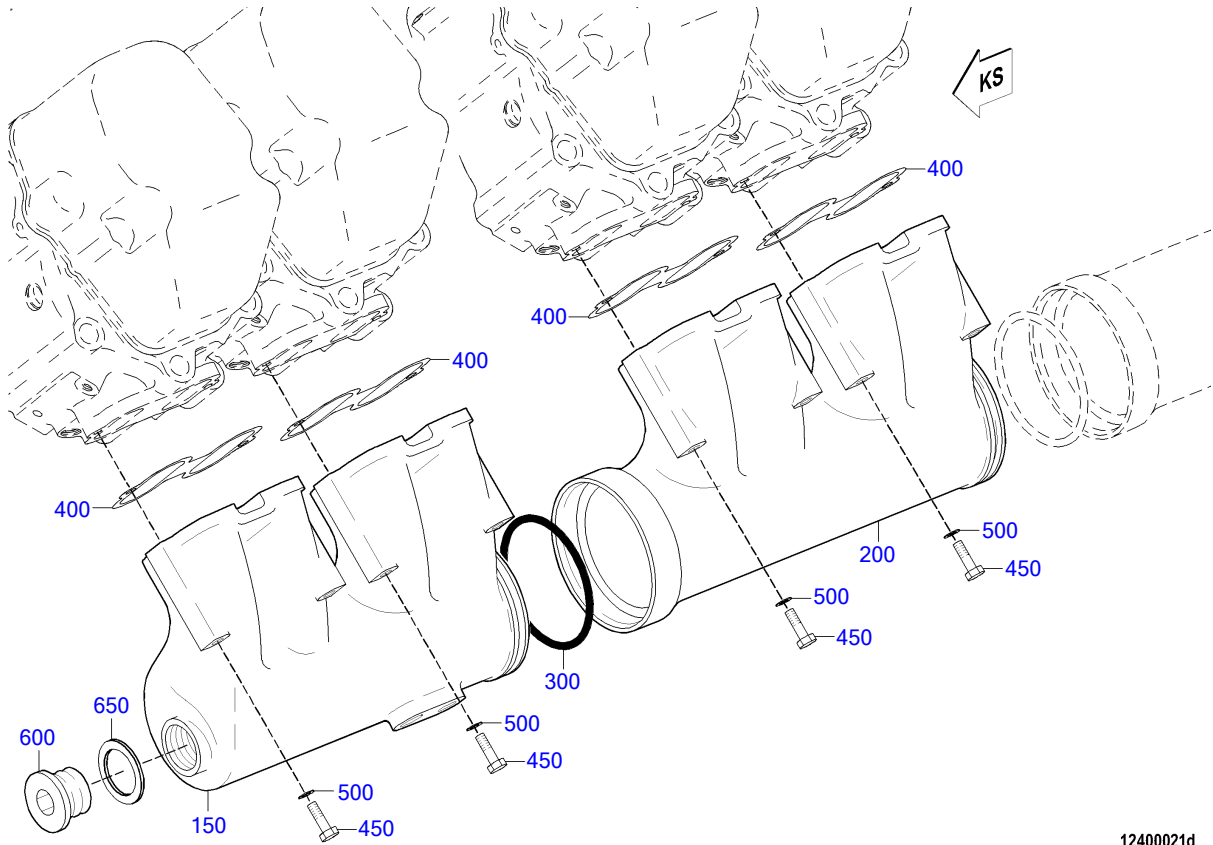
12400021-d

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
AIR PIPING INTERCOOLER TO CYLH

SERIAL NUMBER: 527110276

FG/FGS: 124 05
BOM-No.: XS595120.00003

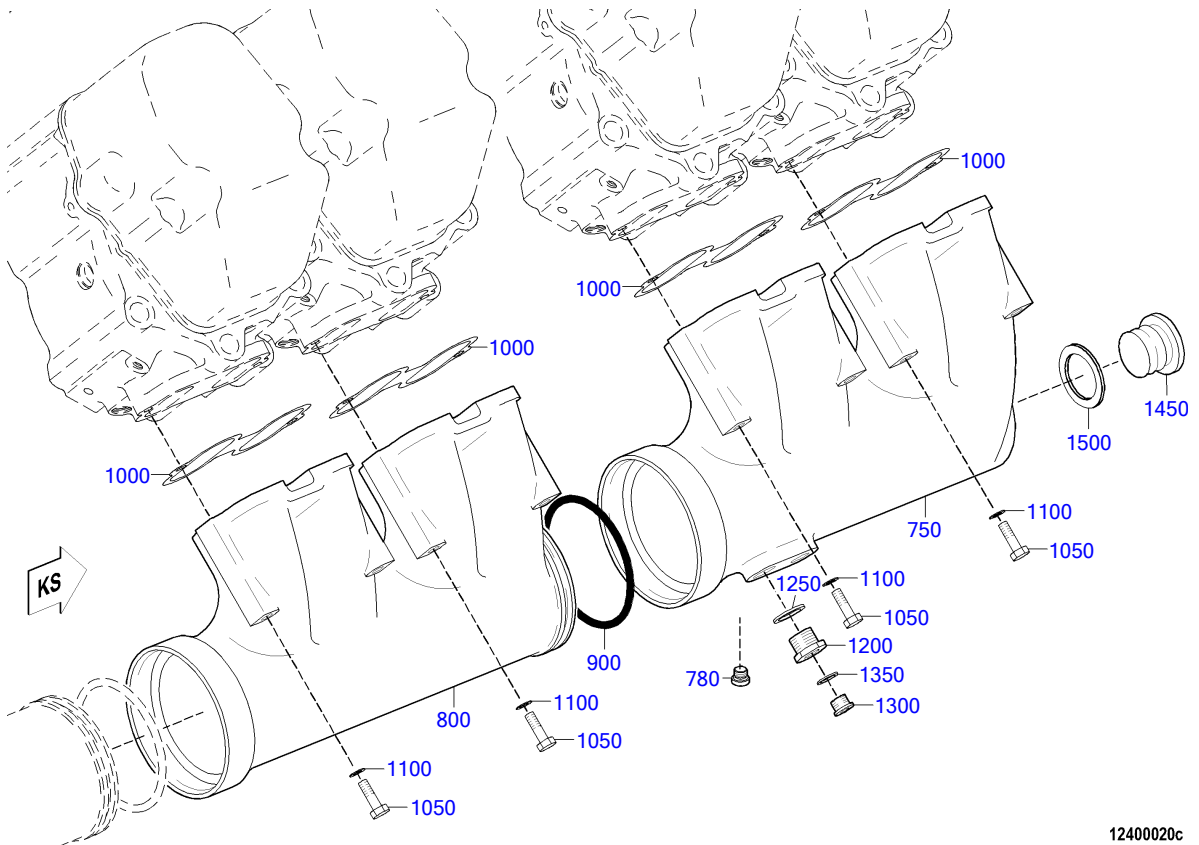


EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
AIR PIPING INTERCOOLER TO CYLH

SERIAL NUMBER: 527110276

FG/FGS: 124 05
BOM-No.: XS595120.00003



EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
AIR PIPING INTERCOOLER TO CYLH

SERIAL NUMBER: 527110276

FG/FGS: 124 05

BOM-No.: XS595120.00003

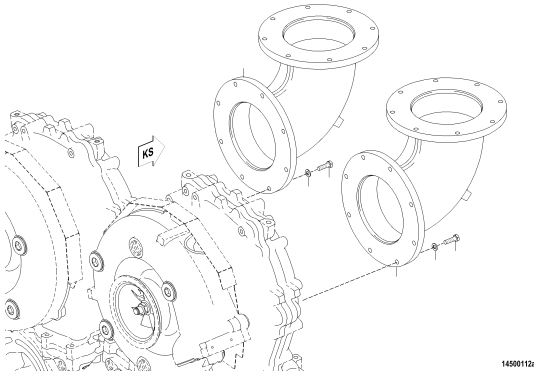
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
150	5240981407	MANIFOLD CHARGE AIR FRONT A-BANK		1	PC	7,721 KG	EM		
200	5240980907	MANIFOLD INTAKE CHRГ AIR CENTER	BR4000	3	PC		EM		
300	700429140000	O-RING		4	PC	51 G		140 X 8	MMN429
400	5240980680	GASKET		8	PC	14 G			
450	000000001041	BOLT HEX A3C		16	PC			M 10 X140	ISO4014
500	000125010524	WASHER		8	PC	3,100 G		A 10,5	DIN125
600	000908052003	THREAD PLUG		1	PC	308,500 KG		M 52 X 1,5	DIN908
650	007603052101	COPPER SEALING RING		1	PC	12,300 G		A 52 X 60	DIN7603
750	X59412400026	CHARGE-AIR PIPE END MEMBER, RIGHT		1	PC	7,967 KG	EM		
780	735210014000	THREAD PLUG		1	PC	19,100 KG		M 14 X 1,5	MTN5210
800	5240980907	MANIFOLD INTAKE CHRГ AIR CENTER	BR4000	3	PC		EM		
900	700429140000	O-RING		3	PC	51 G		140 X 8	MMN429
1000	5240980680	GASKET		8	PC	14 G			
1050	000000001041	BOLT HEX A3C		16	PC			M 10 X140	ISO4014
1100	000125010524	WASHER		8	PC	3,100 G		A 10,5	DIN125
1200	700354014003	THREADED BUSHING		2	PC	46 G		M 14 X 1,5	MMN354
1250	007603022102	COPPER SEALING RING		2	PC	0,900 G		A 22 X 27	DIN7603
1300	000908014001	THREAD PLUG		2	PC	16,100 KG		M 14 X 1,5	DIN908
1350	007603014102	COPPER SEALING RING		2	PC	1 G		A 14 X 18	DIN7603
1450	000908052003	THREAD PLUG		1	PC	308,500 KG		M 52 X 1,5	DIN908
1500	007603052101	COPPER SEALING RING		1	PC	12,300 G		A 52 X 60	DIN7603

GROUP NUMBER (FG)

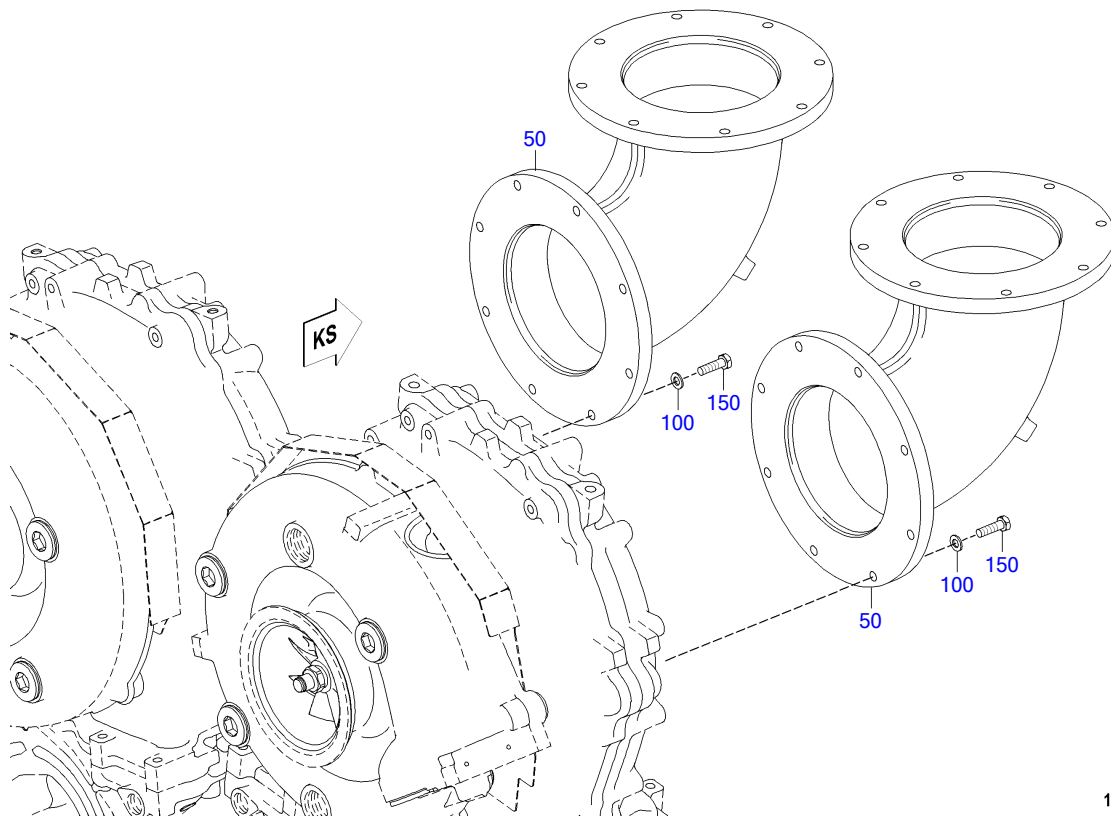
GROUP NAME

BOM-No.

EXH. LINES AFTER TC FOR 12/16 CYLINDER
XS594140.00005



14500112a



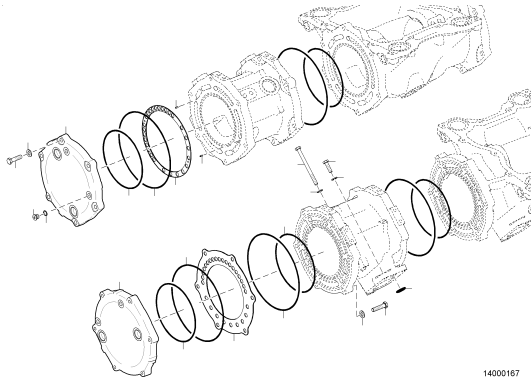
14500112a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
50	X59414500004	EXHAUST ELBOW 90° VERTICAL	2	PC	25,600 KG	EM		
100	000125010524	WASHER	16	PC	3,100 G		A 10,5	DIN125
150	000000001039	BOLT HEX A3C	16	PC	29,800 G		M 10 X 40	ISO4017

GROUP NUMBER (FG)

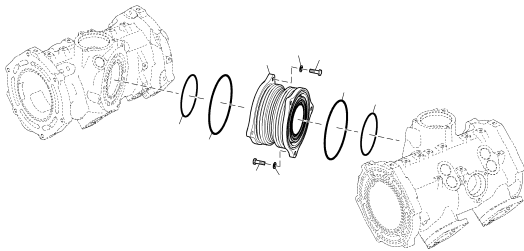
GROUP NAME

BOM-No.



14000167

EXHAUST SYSTEM F/CYL. TO T'CHARGER
XS595140.00003



14200300a

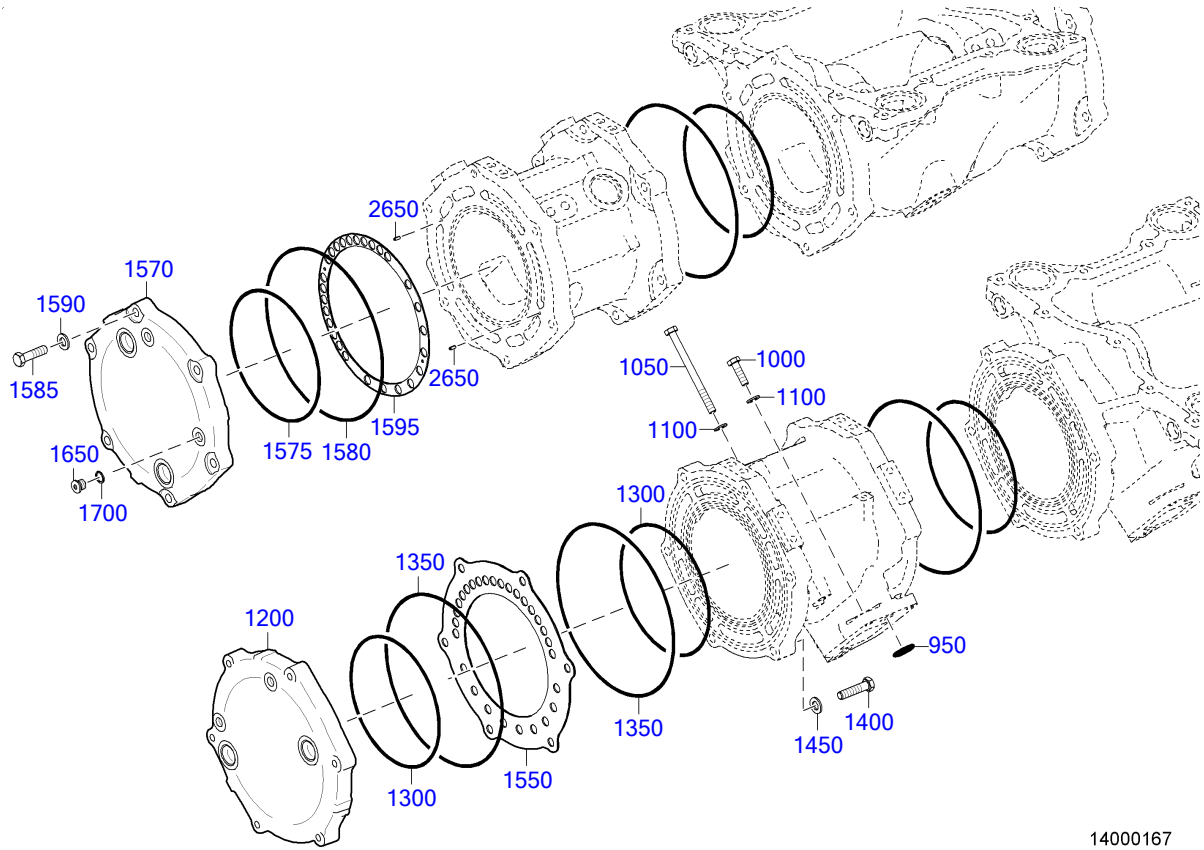
EXH PIPE BELLOWS
XS596140.00008

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
EXHAUST SYSTEM F/CYL. TO T'CHARGER

SERIAL NUMBER: 527110276

FG/FGS: 141 10
BOM-No.: XS595140.00003



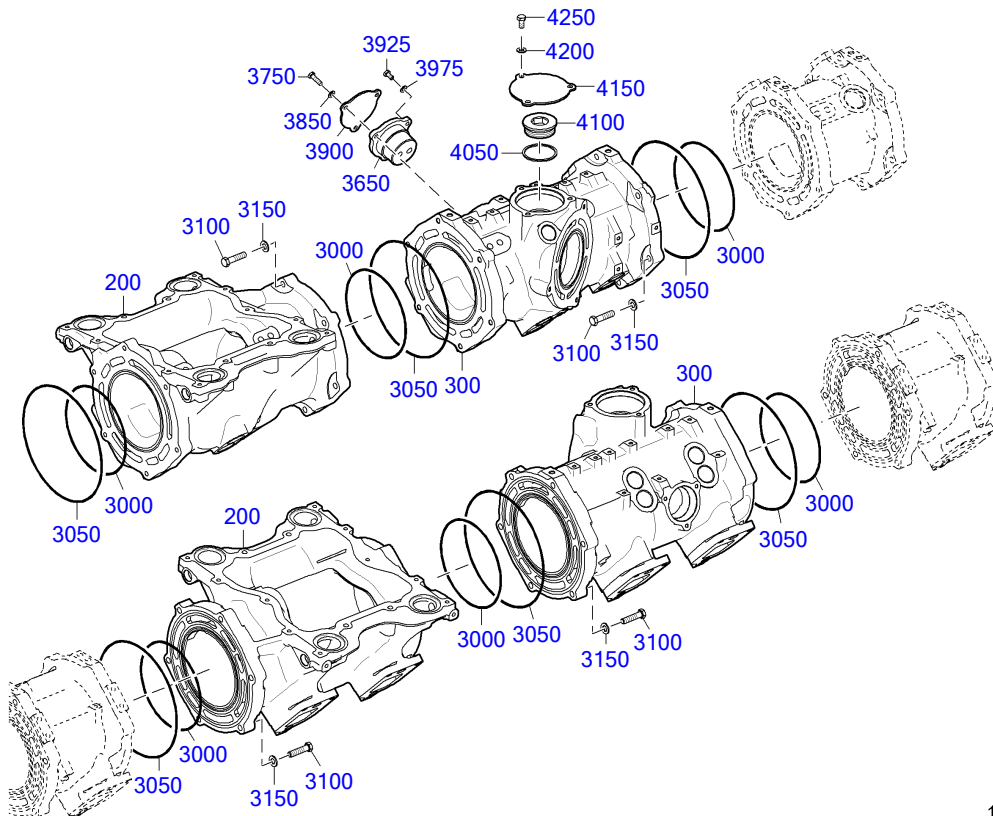
14000167

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
EXHAUST SYSTEM F/CYL. TO T'CHARGER

SERIAL NUMBER: 527110276

FG/FGS: 141 10
BOM-No.: XS595140.00003



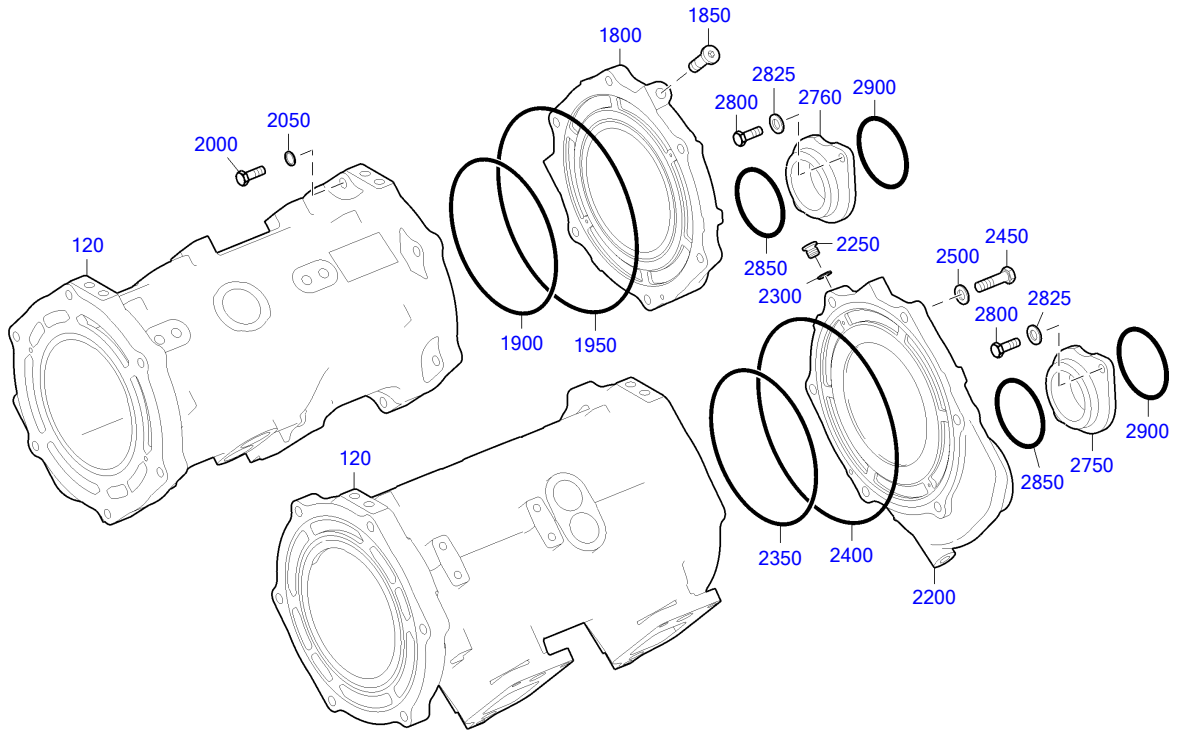
10101707

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
EXHAUST SYSTEM F/CYL. TO T'CHARGER

SERIAL NUMBER: 527110276

FG/FGS: 141 10
BOM-No.: XS595140.00003



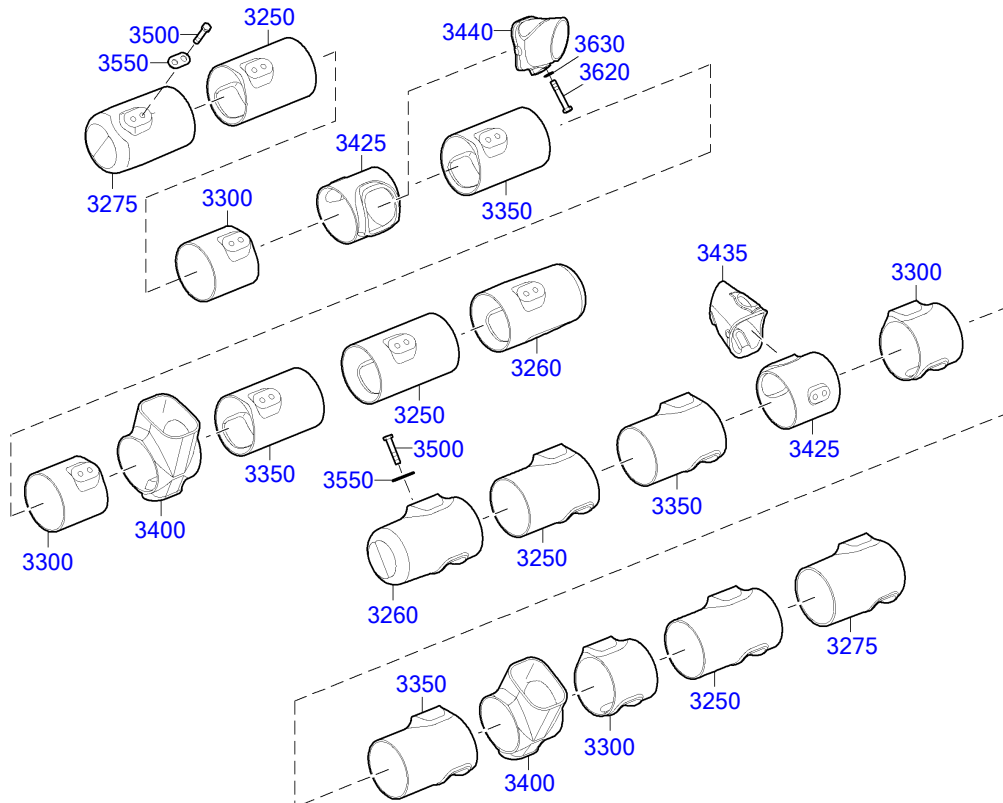
14100423

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
EXHAUST SYSTEM F/CYL. TO T'CHARGER

SERIAL NUMBER: 527110276

FG/FGS: 141 10
BOM-No.: XS595140.00003



10101708

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
120	X59414100053	EXHAUST HOUSING		4	PC	49,400 KG	EM		
200	X59414100007	EXHAUST HOUSING		2	PC	61,250 KG	SB EM		
300	X59414100009	EXHAUST HOUSING		2	PC	60,200 KG	SB EM		
950	700429024000	O-RING		16	PC	3,900 G		24 X 5	MMN429
1000	000000003326	HEX SCREW		32	PC	28,180 G		M 10 X 35	ISO4017
1050	000000004400	HEX SCREW		16	PC	84,200 G		M 10 X 130	ISO4014
1100	000125010524	WASHER		48	PC	3,100 G		A 10,5	DIN125
1200	X59414100020	END COVER		1	PC	6,627 KG	SB		
1300	X59499100113	O-RING		2	PC	15 G		194 X 4	MMN429
1350	X59499100114	O-RING		2	PC	20 G		258 X 4	MMN429
1400	000000003437	BOLT HEX A3C		6	PC	52 G	M	M 12 X 50	ISO4017
1450	000125013012	WASHER		6	PC	5,320 G	MN	A 13	DIN125
1550	X59414100047	RESTRICTOR		1	PC				
1570	X59414100029	END COVER		1	PC	8 KG	SB		
1575	X59499100113	O-RING		1	PC	15 G		194 X 4	MMN429
1580	X59499100114	O-RING		1	PC	20 G		258 X 4	MMN429
1585	000000004743	HEX SCREW		6	PC	48 G		M 12 X 45	ISO4017
1590	000125013012	WASHER		6	PC	5,320 G	MN	A 13	DIN125
1595	X59414100022	RESTRICTOR		1	PC				
1650	000908014001	THREAD PLUG		4	PC	16,100 KG		M 14 X 1,5	DIN908
1700	007603014102	COPPER SEALING RING		4	PC	1 G		A 14 X 18	DIN7603
1800	X59414100018	CONNECTING PIECE		1	PC	6,687 KG	SB		
1850	735210018000	PLUG		1	PC	35,800 KG		M 18 X 1,5	MTN5210
1900	X59499100113	O-RING		1	PC	15 G		194 X 4	MMN429
1950	X59499100114	O-RING		1	PC	20 G		258 X 4	MMN429
2000	000000003437	BOLT HEX A3C		6	PC	52 G	M	M 12 X 50	ISO4017
2050	000125013012	WASHER		6	PC	5,320 G	MN	A 13	DIN125
2200	X59414100016	CONNECTING PIECE		1	PC	7,668 KG	SB		
2250	000908014001	THREAD PLUG		1	PC	16,100 KG		M 14 X 1,5	DIN908
2300	007603014102	COPPER SEALING RING		1	PC	1 G		A 14 X 18	DIN7603
2350	X59499100113	O-RING		1	PC	15 G		194 X 4	MMN429
2400	X59499100114	O-RING		1	PC	20 G		258 X 4	MMN429
2450	000000004743	HEX SCREW		6	PC	48 G		M 12 X 45	ISO4017
2500	000125013012	WASHER		6	PC	5,320 G	MN	A 13	DIN125
2650	000000003948	PIN SPRING 18-8		3	PC	0,500 G		4 X 10 - N	ISO8752
2750	X52620200153	FLANGE		1	PC				
2760	X52620200154	FLANGE		1	PC				
2800	000000003021	HEX SCREW		4	PC	23,700 G		M 10 X 25	ISO4017
2825	000125010524	WASHER		4	PC	3,100 G		A 10,5	DIN125
2850	700429080001	O-RING		2	PC	5,962 G		80 X 5	MMN429
2900	700429083000	O-RING		2	PC			83 X 5	MMN429
3000	X59499100113	O-RING		6	PC	15 G		194 X 4	MMN429
3050	X59499100114	O-RING		6	PC	20 G		258 X 4	MMN429
3100	000000003437	BOLT HEX A3C		36	PC	52 G	M	M 12 X 50	ISO4017
3150	000125013012	WASHER		36	PC	5,320 G	MN	A 13	DIN125
3250	X59414100011	EXHAUST LINE INNER ELEMENT		4	PC	4,926 KG	EM		
3260	X59414100027	EXHAUST LINE INNER ELEMENT		2	PC		EM		
3275	X59414100028	EXHAUST LINE INNER ELEMENT		2	PC	5,560 KG	EM		
3300	X59414100012	EXHAUST PIPE		4	PC	2,984 KG	EM		
3350	X59414100013	EXHAUST PIPE		4	PC	4,469 KG	EM		
3400	X52814100016	EXHAUST PIPE TO TURBOCHARGER		2	PC	4,370 KG	EM		
3425	X59414100015	EXHAUST LINE	BR4000	2	PC	2,699 KG	EM		
3435	X59414100037	EXHAUST PIPE		1	PC	1,676 KG	EM		
3440	X59414100036	EXHAUST PIPE		1	PC	1,781 KG	EM		

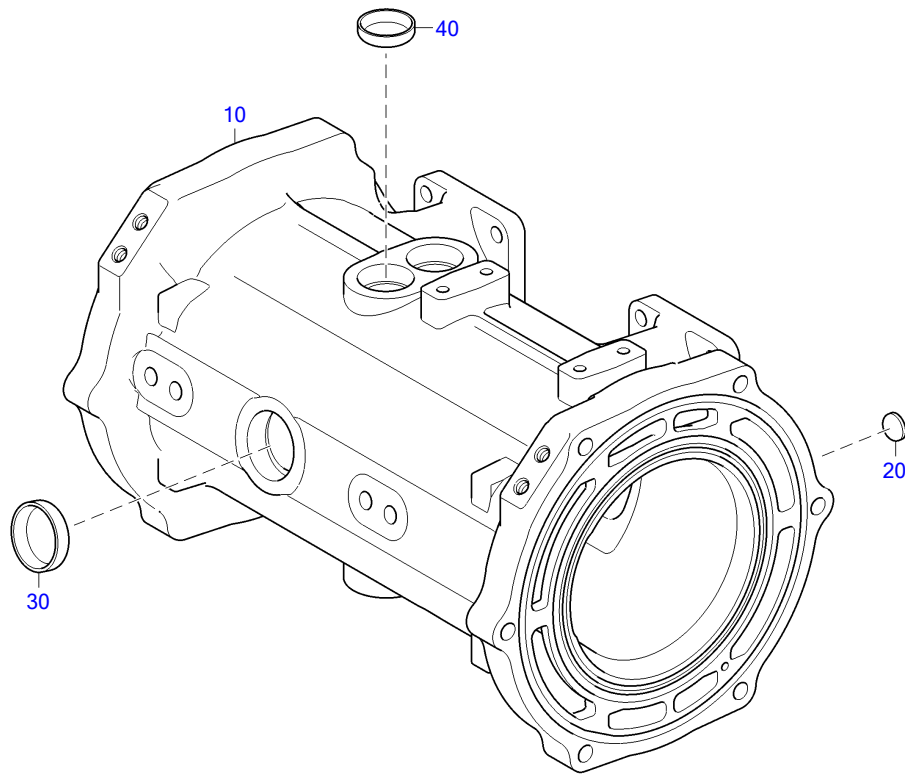
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
EXHAUST SYSTEM F/CYL. TO T'CHARGER

SERIAL NUMBER: 527110276

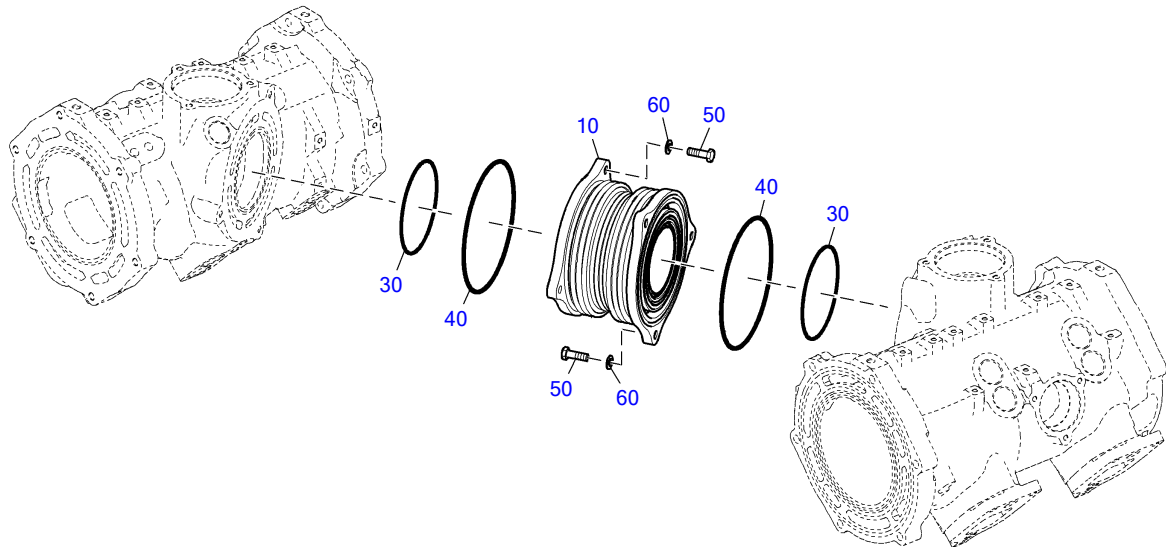
FG/FGS: 141 10
BOM-No.: XS595140.00003

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
3500	204017012032	HEX SCREW		40	PC	79 G		M 12 X 60	ISO4017
3550	X59614100003	SPACER		20	PC	30 G			
3620	000000001710	HEX SCREW		4	PC			M 12 X 70	ISO4017
3630	8379902540	WASHER		4	PC	7,710 G			
3650	X59414100035	RETAINER FOR EXH. PIPE		2	PC	1,631 KG			
3750	304017008081	HEX BOLT		6	PC	13,500 G		M 8 X 25	ISO4017
3850	000125008427	WASHER		6	PC	1,500 G		A 8,4	DIN125
3900	X59414100038	COVER PLATE		2	PC				
3925	204017008022	HEX SCREW		4	PC	10 G		M 8 X 14	ISO4017
3975	000125008427	WASHER		4	PC	1,500 G		A 8,4	DIN125
4050	007603064100	WASHER A COP		1	PC	14,400 G		A 64 X 72	DIN7603
4100	000908064000	PLUG		1	PC	535 KG		M 64 X 2	DIN908
4150	X59614100002	BLIND FLANGE		1	PC	418 G			
4200	000125010524	WASHER		3	PC	3,100 G		A 10,5	DIN125
4250	000000003020	BOLT HEX A3C		3	PC	20,010 G		M 10 X 20	ISO4017



10101228a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
10	X59414100054	EXHAUST HOUSING	1	PC	50,240 KG	EM	
20	5550160033	SEALING CAP	2	PC	7,140 G		D 20
30	5249970020	SEALING CAP	1	PC			D 50
40	5370160233	SEALING CAP	4	PC			D 40



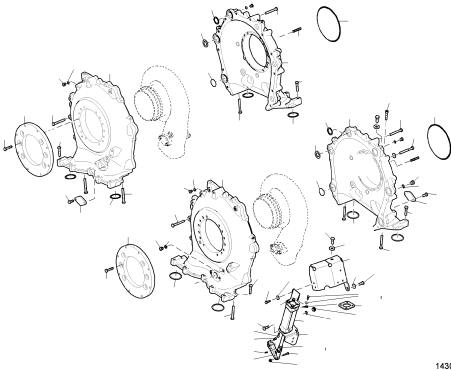
14200300a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	X59499100411	EXH PIPE BELLOWS	1	PC	6,400 KG	EM		
30	X59499100111	O-RING	2	PC	10 G		142 X 4	MMN429
40	X59499100112	O-RING	2	PC	16 G		192 X 4	MMN429
50	204017010016	HEX SCREW	6	PC	26,500 G		M 10 X 32	ISO4017
60	000125010524	WASHER	6	PC	3,100 G		A 10,5	DIN125

GROUP NUMBER (FG)

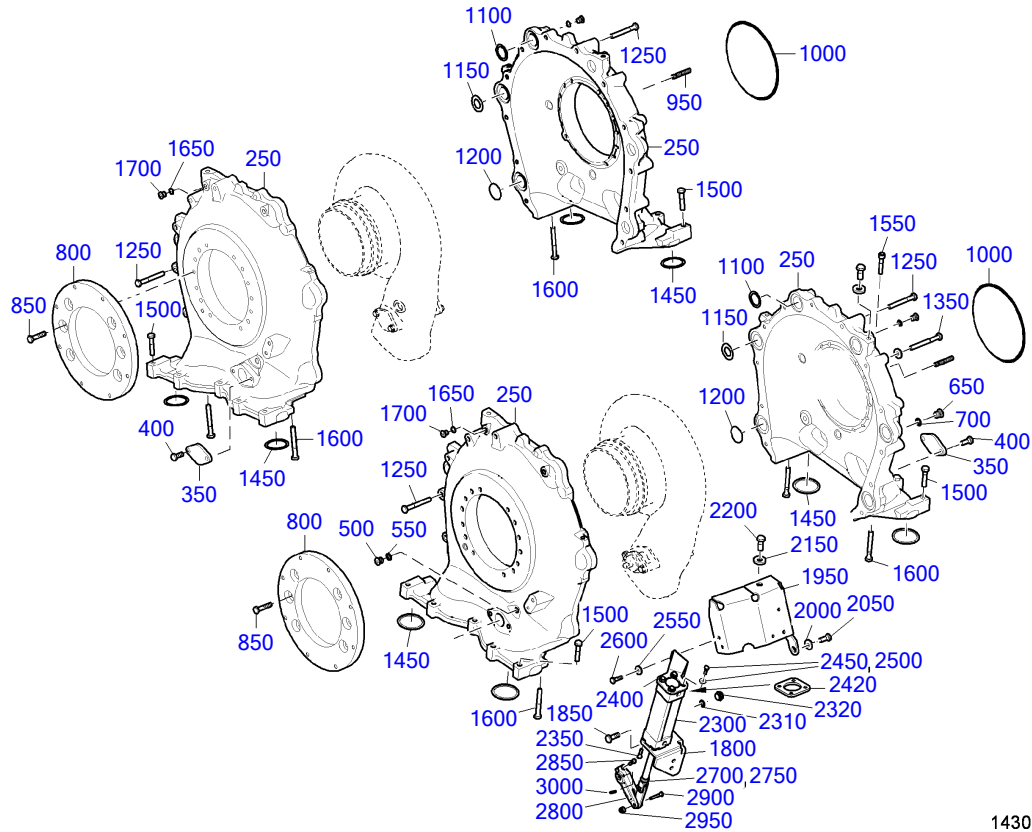
GROUP NAME

BOM-No.



CARRIER HOUSING F/TURBOCHARGER
XS594140.00040

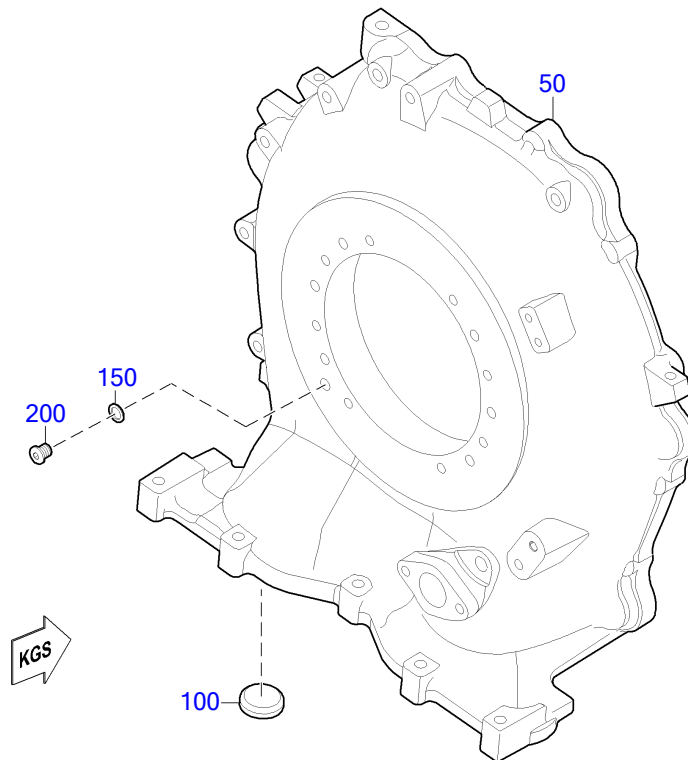
14300158a



14300158a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
250	X59414300006	CARRIER HOUSING	4	PC		EM		
350	5261420091	COVER	3	PC	190 G			
400	00000003021	HEX SCREW	6	PC	23,700 G	M 10 X 25		ISO4017
500	000908014001	THREAD PLUG	2	PC	16,100 KG	M 14 X 1,5		DIN908
550	007603014102	COPPER SEALING RING	2	PC	1 G	A 14 X 18		DIN7603
650	000908014001	THREAD PLUG	2	PC	16,100 KG	M 14 X 1,5		DIN908
700	007603014102	COPPER SEALING RING	2	PC	1 G	A 14 X 18		DIN7603
800	X52814300005	INTERMEDIATE FLANGE	2	PC	7,980 KG			
850	304017010035	HEX BOLT	12	PC	32 G	M 10 X 45		ISO4017
950	000939010115	STUD	12	PC	31 G	M 10 X 45		DIN939
1000	700429200002	O-RING	2	PC	18,600 G	200 X 4		MMN429
1100	X59420200233	RESTRICTOR	4	PC	6 G			
1150	X59420200234	RESTRICTOR	4	PC	8,100 G			
1200	X59420200235	RESTRICTOR	4	PC	11 G			
1250	304017010034	BOLT HEX	22	PC	50,300 G	M 10 X 80		ISO4017
1450	X59420200238	RESTRICTOR	8	PC	9 G			
1500	000000001042	BOLT HEX A3C	19	PC	35 G	M 10 X 50		ISO4017
1550	000912010016	BOLT HEX SOC HD	1	PC	38 G	M 10 X 50		DIN912
1600	000000000906	BOLT HEX A3C	8	PC	49,400 G	M 10 X 80		ISO4017
1650	007603012111	COPPER SEALING RING	6	PC	0,700 G	A 12 X 15,5		DIN7603
1700	000908012003	THREAD PLUG	6	PC	11,900 KG	M 12 X 1,5		DIN908
1800	X59418500017	RETAINER F/TURBO OIL SUPPLY	1	PC				
1850	000000003021	HEX SCREW	2	PC	23,700 G	M 10 X 25		ISO4017
1950	X59418500019	RETAINER F/TURBO OIL SUPPLY	1	PC	2,100 KG			
2000	007349010002	WASHER	2	PC	11 G	10,5		DIN7349

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
2050	00000003510	HEX SCREW	2	PC	66 G		M 10 X 90	ISO4014
2150	007349013002	WASHER	1	PC	22,600 G	MN	13	DIN7349
2200	00000003925	BOLT A3C	1	PC			M 12 X 30	ISO4017
2300	X56912300043	ACTUATING CYLINDER	1	PC	1,300 KG			
2310	705057013000	RING SEALING A13 X18 CU	2	PC	1,300 G		A 13 X 18	DIN7603
2320	700419999021	SCREW-FITTING UNION	2	PC	25 G		10 G 1/4 A	MMN419
2350	304017006063	BOLT HEX A3C	4	PC	6,800 G		M 6 X 25	ISO4017
2400	X59418500052	RETAINER	1	PC	807,800 G			
2420	X59499100117	SPACER	1	PC	84 G			
2450	007349006004	WASHER	4	PC	4,100 G		6,4	DIN7349
2500	304017006065	BOLT HEX A3C	4	PC	7,650 G		M 6 X 30	ISO4017
2550	007349008002	WASHER	2	PC	8,300 G		8,4	DIN7349
2600	204017008011	HEX SCREW	2	PC	12,200 G		M 8 X 22	ISO4017
2700	X00041795	CLEVIS	1	PC	40,600 G			
2750	X52499100007	ARTICULATED BEARING FOR FLAP CONTROL	1	PC	79,500 G	AB		
2800	X52810100084	LEVER F/EXH FLAP CONTROL	1	PC	269 G			
2850	000912006018	SCREW	1	PC	6,200 G		M 6 X 20	DIN912
2900	304017008084	BOLT HEX A3C	1	PC	16,565 G		M 8 X 35	ISO4017
2950	5069900251	NUT	1	PC	6,600 G			
3000	001481005030	PIN SPRING	1	PC	2,180 G		5 X 24 - N	ISO8752



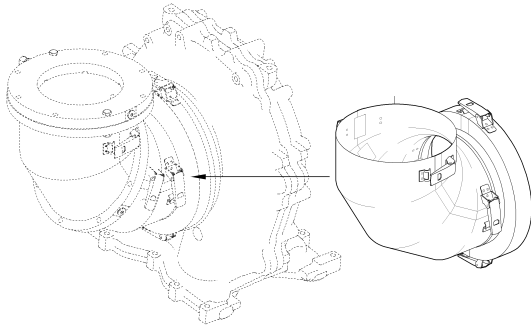
14300141a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
50	X59414300004	CARRIER HOUSING	1	PC	40,140 KG	EM		
100	5370160233	SEALING CAP	1	PC			D 40	
150	007603012106	WASHER A COP	1	PC	1,520 G		A 12 X 18	DIN7603
200	000908012003	THREAD PLUG	1	PC	11,900 KG		M 12 X 1,5	DIN908

GROUP NUMBER (FG)

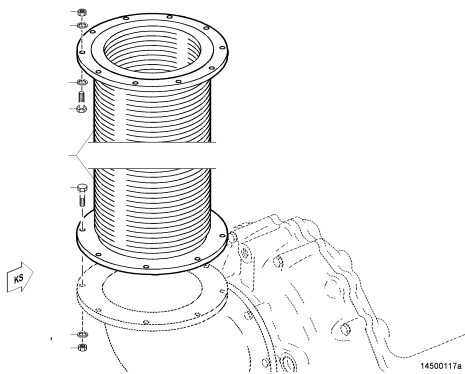
GROUP NAME

BOM-No.



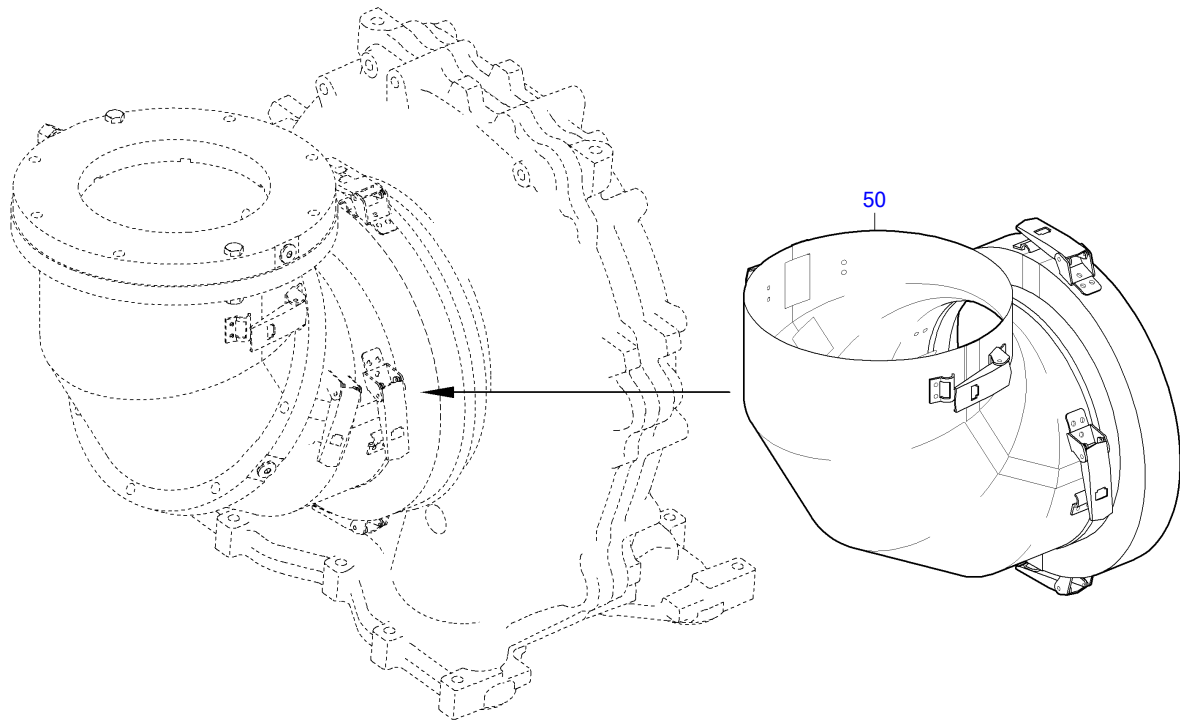
INSULATION FOR EXHAUST ELBOW
XS594140.00011

14500099a



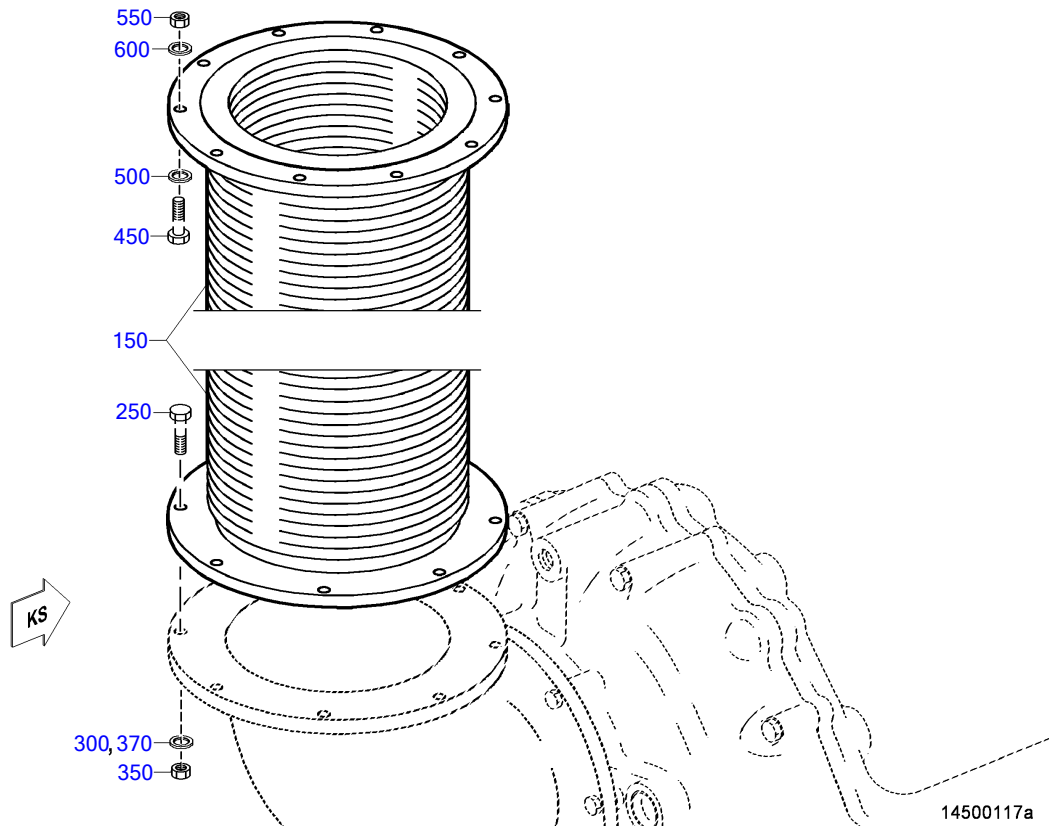
EXH PIPE BELLOWS AFTER TURBOCHARGER
XS594140.00034

14500117a



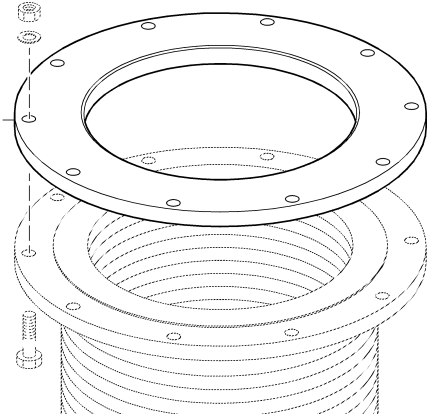
14500099a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
50	X52614500010	DIAGRAM EXH INSULATION 90 DEG VERTICAL	2	PC	4,160 KG



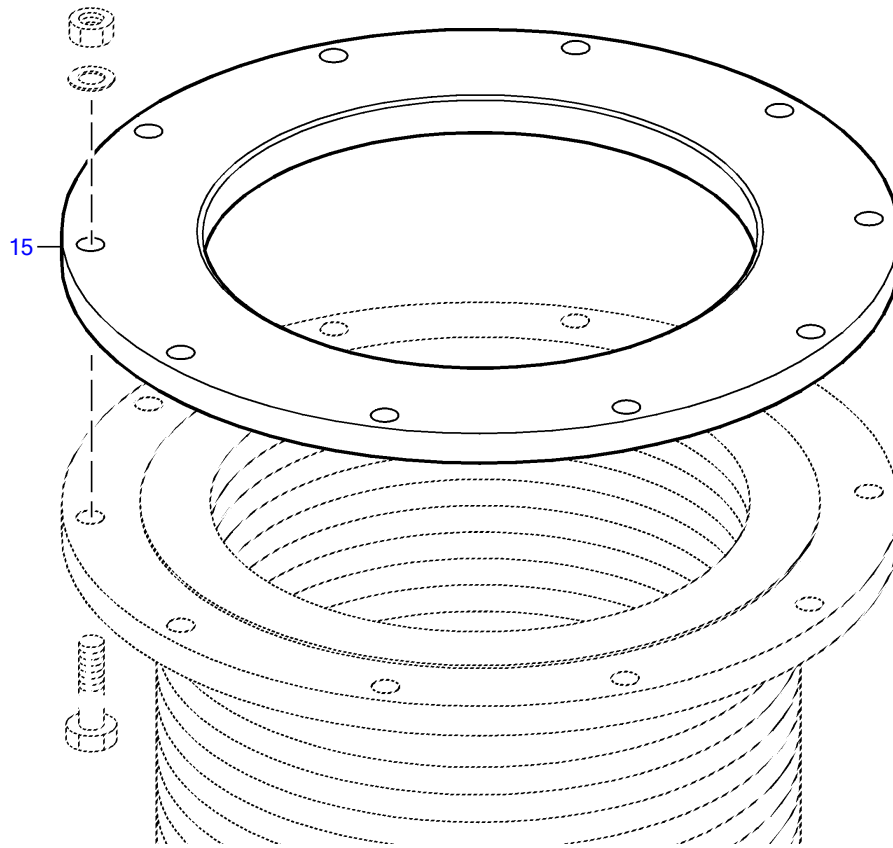
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
150	X59414500018	EXHAUST PIPE BELLOWS	2	PC	13,350 KG		
250	204014010004	HEX SCREW	16	PC	49 G	M 10 X 75	ISO4014
300	200433010500	WASHER	16	PC	1,900 G	10,5	DIN433
350	000000003317	HEX NUT	16	PC	5 G	M 10	ISO4032
370	200433010500	WASHER	16	PC	1,900 G	10,5	DIN433
450	204017010024	HEX SCREW	20	PC	37,500 G	M 10 X 50	ISO4017
500	200433010500	WASHER	20	PC	1,900 G	10,5	DIN433
550	000000003317	HEX NUT	20	PC	5 G	M 10	ISO4032
600	200433010500	WASHER	20	PC	1,900 G	10,5	DIN433

GROUP NUMBER (FG)
GROUP NAME
BOM-No.



FLANGE
140.00038

14600014a



14600014a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
15	5261420115	FLANGE	2	PC	4,215 KG

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
STARTING SYSTEM

SERIAL NUMBER: 527110276
FG/FGS: 170

GROUP NUMBER (FG)

GROUP NAME

BOM-No.

STARTING VALVE ELECTR. OPERATED
BK527170.304937-01

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
STARTING VALVE ELECTR. OPERATED

SERIAL NUMBER: 527110276

FG/FGS: 170 00

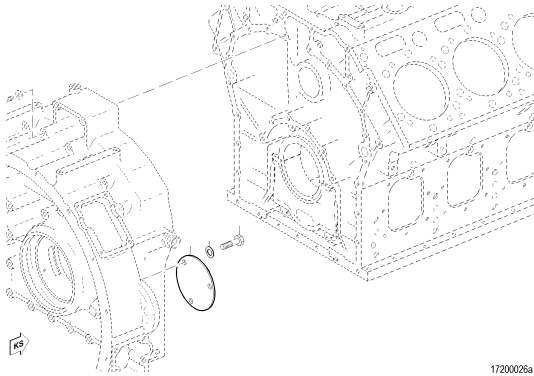
BOM-No.: BK527170.304937-01

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
150	206796008000	CONICL SPRING WASHER	6	PC	2,900 G	8	DIN6796
200	304032008014	NUT HEX 8 A3C	3	PC	4,800 G	M 8	ISO4032
250	204014008009	HEX SCREW	3	PC		M 8 X120	ISO4014
350	206796008000	CONICL SPRING WASHER	2	PC	2,900 G	8	DIN6796
400	304017008081	HEX BOLT	2	PC	13,500 G	M 8 X 25	ISO4017

GROUP NUMBER (FG)

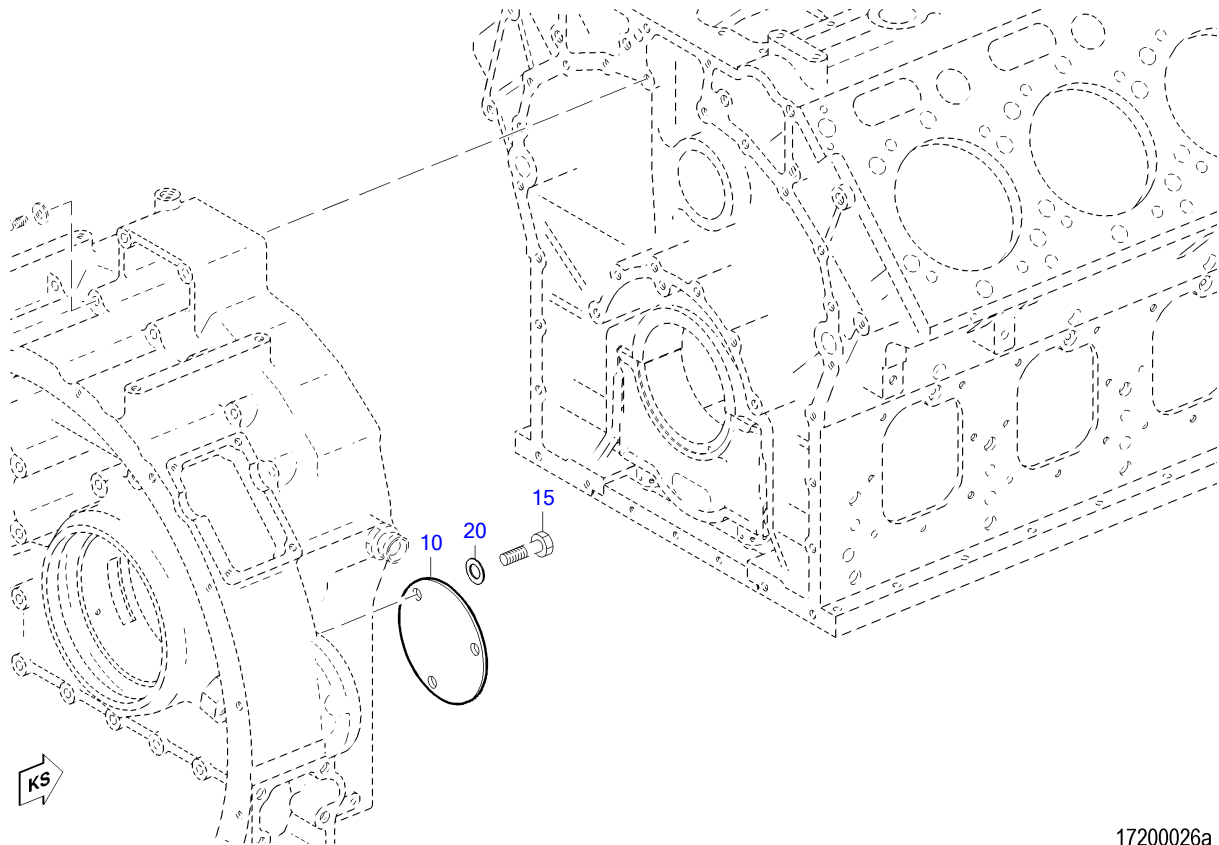
GROUP NAME

BOM-No.



GUARD PLATE
170.00016

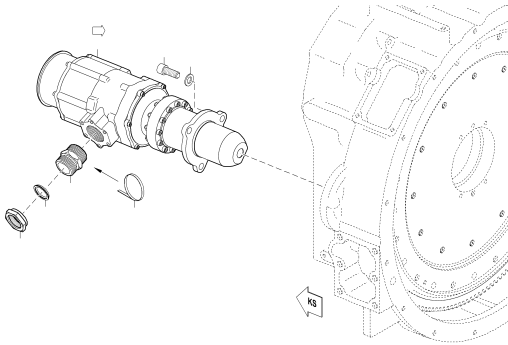
17200026a



17200026a

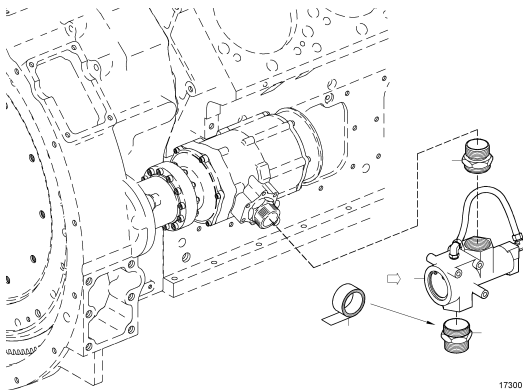
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	5240140815	PLATE GUARD	4000	1	PC	272,300 G		
15	000933016001	BOLT HEX		3	PC	65 G	M 16 X 20	DIN933
20	000125017014	WASHER		3	PC	10 G	A 17	DIN125

GROUP NUMBER (FG)
GROUP NAME
BOM-No.



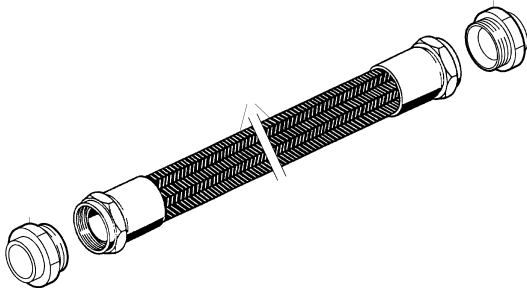
STARTER FOR COMPRESSED AIR
170.00142

17300236



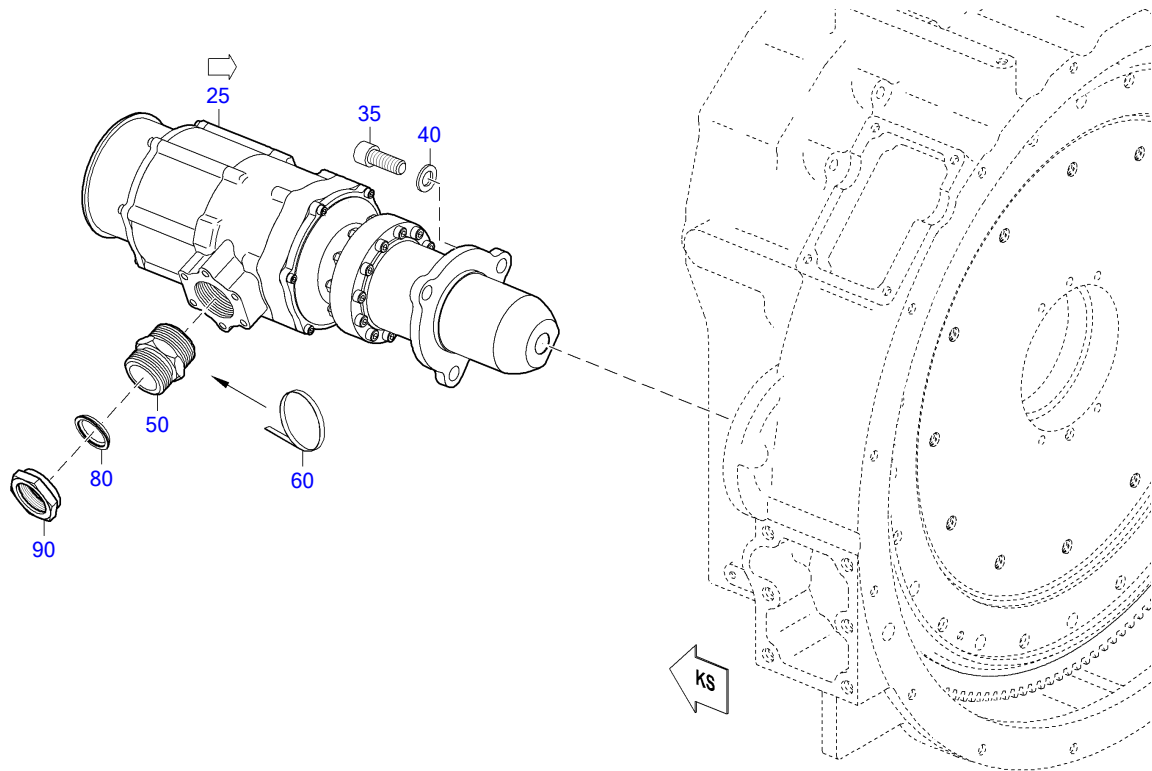
CONNECTING HARDWARE FOR AIR START
170.00143

17300176



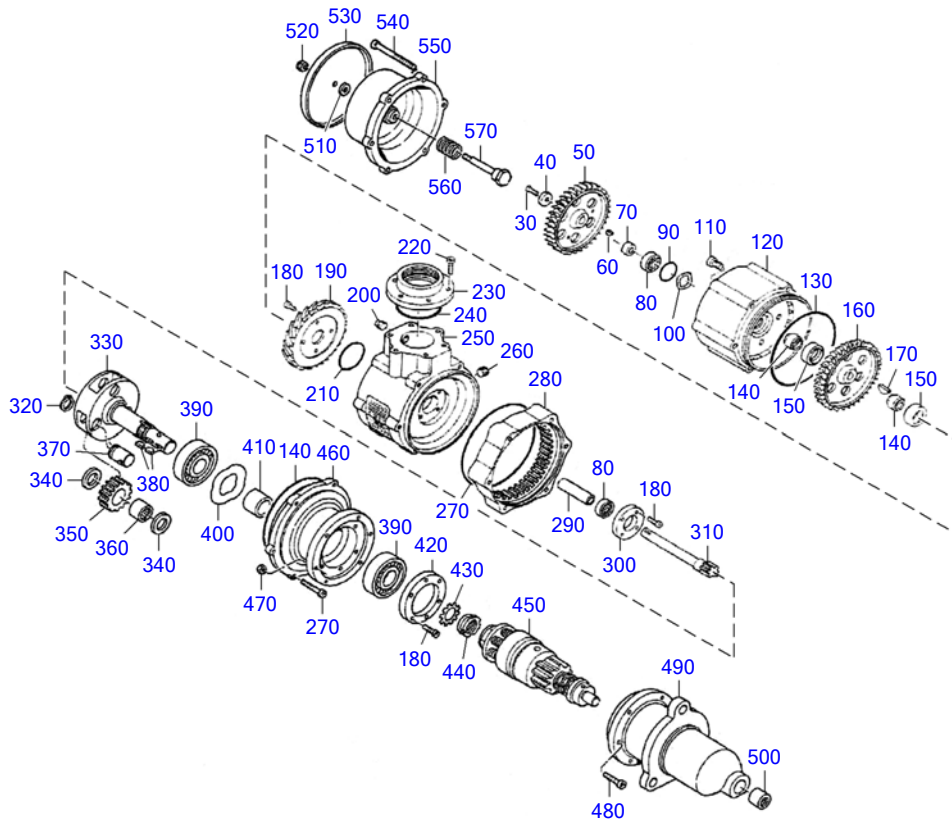
AIR HOSE
XS594170.00005

2070004c



17300236

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
25	X52617300001	STARTER AIR LEFT SIDE	1	PC	24,540 KG		
35	000912016002	BOLT HEX SOC HD	3	PC	93 G	M 16 X 40	DIN912
40	200433017000	WASHER	3	PC	6,600 G	17	DIN433
50	X52617300003	SCREW-FITTING UNION FOR COMPRESSED AIR	1	PC	384 G		
60	50155	TAPE SEALING PTFE	1	PC	14,800 G	12 X 0,1	MTS5034
80	735189042000	SEALING CONE	1	PC	51 G	42	MTN5189
90	915001040002	NUT 40 M52X1.5 BL.GEOELT	1	PC		40 M 52 X 1,5	N15001



17300203

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
30	XP52717300017	SCREW	1	PC			
40	XP52717300018	WASHER	1	PC			
50	XP52717300019	ROTOR	1	PC			
60	XP52717300020	STUD	1	PC			
70	XP52717300077	WASHER	1	PC			
80	Z=9-91224	BALL BEARING	2	PC			
90	XP52717300063	O-RING	1	PC	1 G		
100	XP52717300074	SNAP RING	1	PC	2 G		
110	XP52717300078	SCREW	4	PC		AC	
120	XP52717300021	NOZZLE RING	1	PC		EM	
130	XP52717300004	O-RING	1	PC	1 G		
140	XP52717300001	SEALING RING	2	PC	18 G		
150	XP52717300002	SEALING STRIP	2	PC	1 G		
160	XP52717300023	ROTOR	1	PC			
170	XP52717300024	KEY	1	PC			
180	XP52717300025	SCREW	8	PC			
190	XP52717300032	NOZZLE	1	PC			
200	XP52717300034	PLUG	1	PC			
210	XP52717300005	O-RING	1	PC	1 G		
220	XP52717300035	SCREW	6	PC			
230	XP52717300036	INLET RING	1	PC			
240	XP52717300006	O-RING	1	PC	1 G		
250	XP52717300079	HOUSING	1	PC		AC	
260	XP52717300041	PLUG	1	PC			
270	XP52717300004	O-RING	2	PC	1 G		

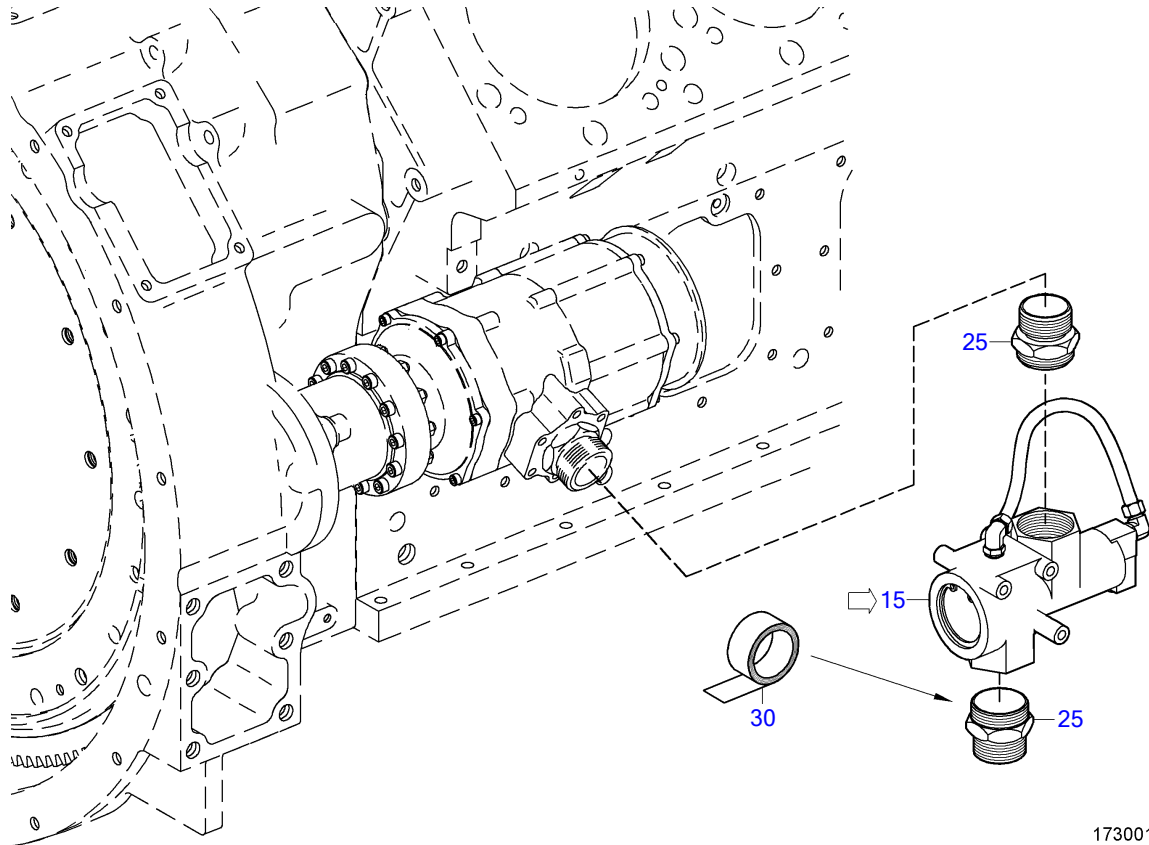
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
STARTER AIR LEFT SIDE

SERIAL NUMBER: 527110276

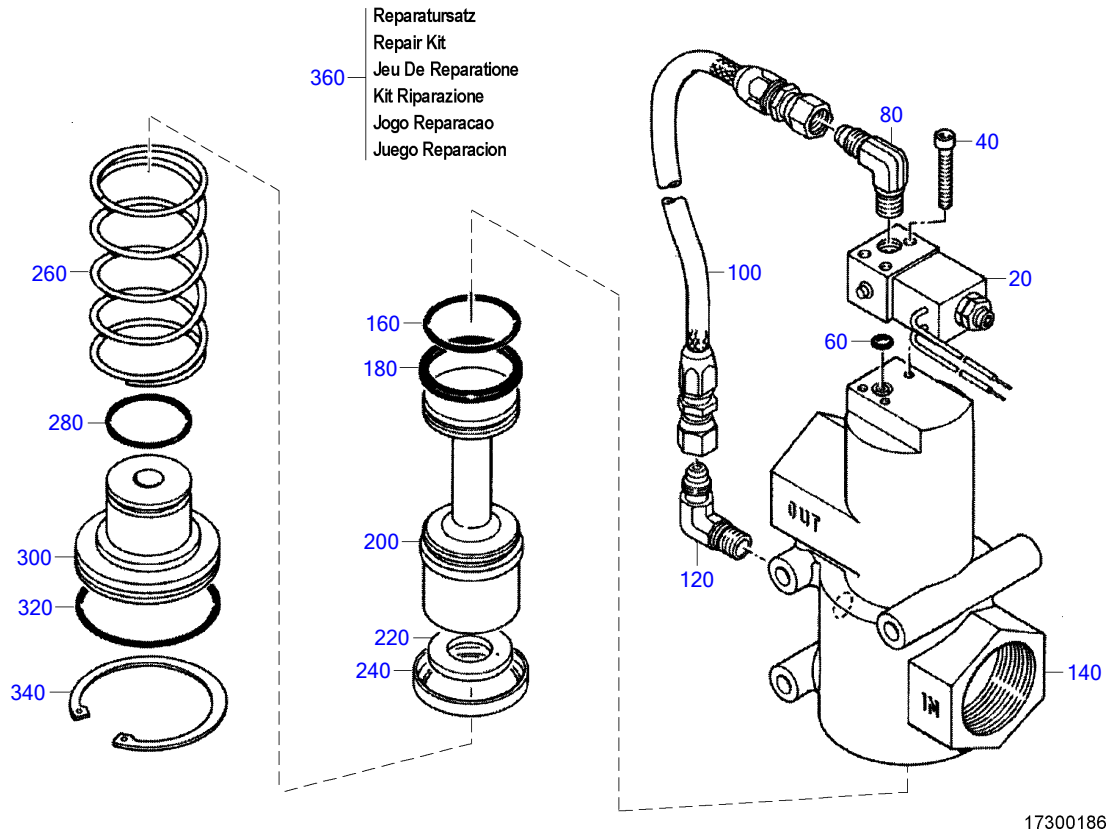
FG/FGS:
BOM-No.: X52617300001

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
280	XP52717300080	RING GEAR	1	PC		AC	
290	XP52717300043	BEARING BUSHING	1	PC	40 G		
300	XP52717300045	WASHER	1	PC	0,500 KG		
310	XP52717300081	TURBINE SHAFT	1	PC		AC	
320	XP52717300008	CLAMPING RING	3	PC	1 G		
330	XP52717300047	PLANETARY GEARING	1	PC			
340	XP52717300048	WASHER	6	PC			
350	XP52717300049	GEAR	1	PC			
360	XP52717300009	NEEDLE BEARING	3	PC	3 G		
370	XP52717300050	PIN	3	PC			
380	XP52717300051	KEY	2	PC			
390	XP52717300010	GROOVED BALL BEARING	2	PC	352,100 G		
400	XP52717300011	WASHER	1	PC	1 G		
410	XP52717300052	BEARING BUSHING	1	PC	81 G		
420	XP52717300055	PLATE	1	PC			
430	XP52717300056	WASHER	1	PC	0,200 KG		
440	XP52717300059	RETAINER	1	PC			SICHERUNGSMUTTER
450	XP52717300082	PINION	1	PC	1 KG		
460	XP52717300060	GEARBOX HOUSING	1	PC			
470	XP52717300061	LOCATING PIN	6	PC			
480	XP52717300058	SCREW	12	PC			
490	XP52717300072	HOUSING	1	PC			
500	XP52717300073	NEEDLE BEARING	1	PC	28,900 G		
510	XP52717300065	WASHER	1	PC	2,360 G		
520	XP52717300066	NUT	1	PC	5,600 G		
530	XP52717300067	COVER	1	PC			
540	XP52717300068	SCREW	6	PC			
550	XP52717300069	HOUSING	1	PC			
560	XP52717300070	PRESSURE SPRING	1	PC			
570	XP52717300071	SCREW	1	PC			

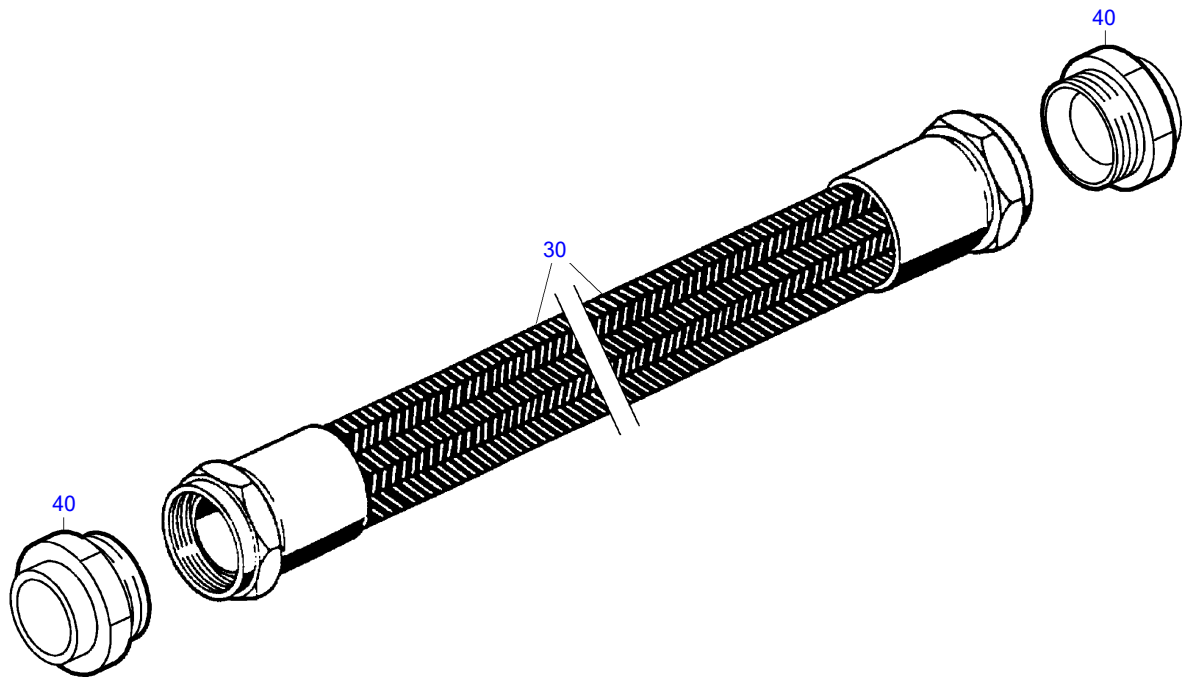


17300178

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
15	5281700102	VALVE AIR STARTER	1	PC	1,949 KG
25	X52617300003	SCREW-FITTING UNION FOR COMPRESSED AIR	2	PC	384 G



POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN
20	XP52899100585	VALVE		1	PC		
40	XP52899100586	SCREW		3	PC		
60	XP52899100588	O-RING		1	PC		
80	XP52899100590	UNION		1	PC		
100	XP52899100592	HOSE		1	PC	0,055 KG	
120	XP52899100593	ELBOW		1	PC		
140	XP52899100594	HOUSING		1	PC		
160	XP52899100595	O-RING		1	PC		
180	XP52899100596	RING		1	PC		
200	XP52803700019	PISTON		1	PC		EM
220	XP52899100603	DAMPER ELEMENT		1	PC		
240	XP52899100602	RING		1	PC		
260	XP52899100601	PRESSURE SPRING		1	PC		
280	XP52899100597	PISTON RING, COMP.		1	PC		
300	XP52899100600	COVER		1	PC		
320	XP52899100598	RING		1	PC		
340	XP52899100599	CIRCLIP		1	PC		
360	XP52800600016	REPAIR KIT	ZU 5281700102	1	PC		



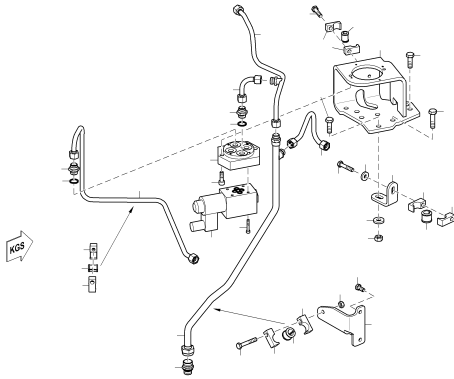
20700004c

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
30	X59412300006	HOSE	DN 40	1	PC	1,720 KG		
40	718363240009	UNION		2	PC	215 G	42/M 52 X 1,5	MMN18363.2

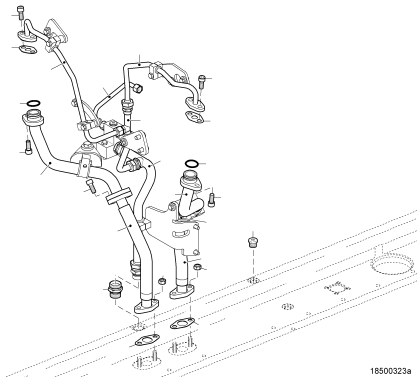
GROUP NUMBER (FG)
GROUP NAME
BOM-No.

CONNECTING HARDWARE
BK310180.304937-01

OIL PRIMING PUMP
BK527180.304937-01



FLAP CONTROL
XS594180.00080



T/CHARGER OIL SUPPLY
XS595180.00046

OIL HEAT EXCHANGER WITH TEST CERT. 3.1
XS595180.00061

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CONNECTING HARDWARE

SERIAL NUMBER: 527110276

FG/FGS: 180 00
BOM-No.: BK310180.304937-01

POS.	PART NO.	DESIGNATION	QTY.	UNITS	FN	MEASUREMENT
50	X58499100029	ELBOW	2	PC	SB	22X1.5

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S

SERIAL NUMBER: 527110276

OIL PRIMING PUMP

FG/FGS: 180

00

BOM-No.: BK527180.304937-01

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
100	700160000020	ELBOW 90 DEG KR 20	1	PC	210 G	KR 20	MMN160
150	700419999001	UNION 20G 3/4 A	1	PC	81,500 G	22 G 3/4 A	MMN419
200	007603027100	WASHER A COP	1	PC	3,200 G	A 27 X 32	DIN7603
250	X52799100054	BALL COCK	1	PC		ZL311024	
300	007603027100	WASHER A COP	1	PC	3,200 G	A 27 X 32	DIN7603
350	700419999001	UNION 20G 3/4 A	1	PC	81,500 G	22 G 3/4 A	MMN419
400	700160000020	ELBOW 90 DEG KR 20	1	PC	210 G	KR 20	MMN160
550	206796008000	CONICL SPRING WASHER	8	PC	2,900 G	8	DIN6796
600	304032008014	NUT HEX 8 A3C	4	PC	4,800 G	M 8	ISO4032
650	304017008084	BOLT HEX A3C	4	PC	16,565 G	M 8 X 35	ISO4017

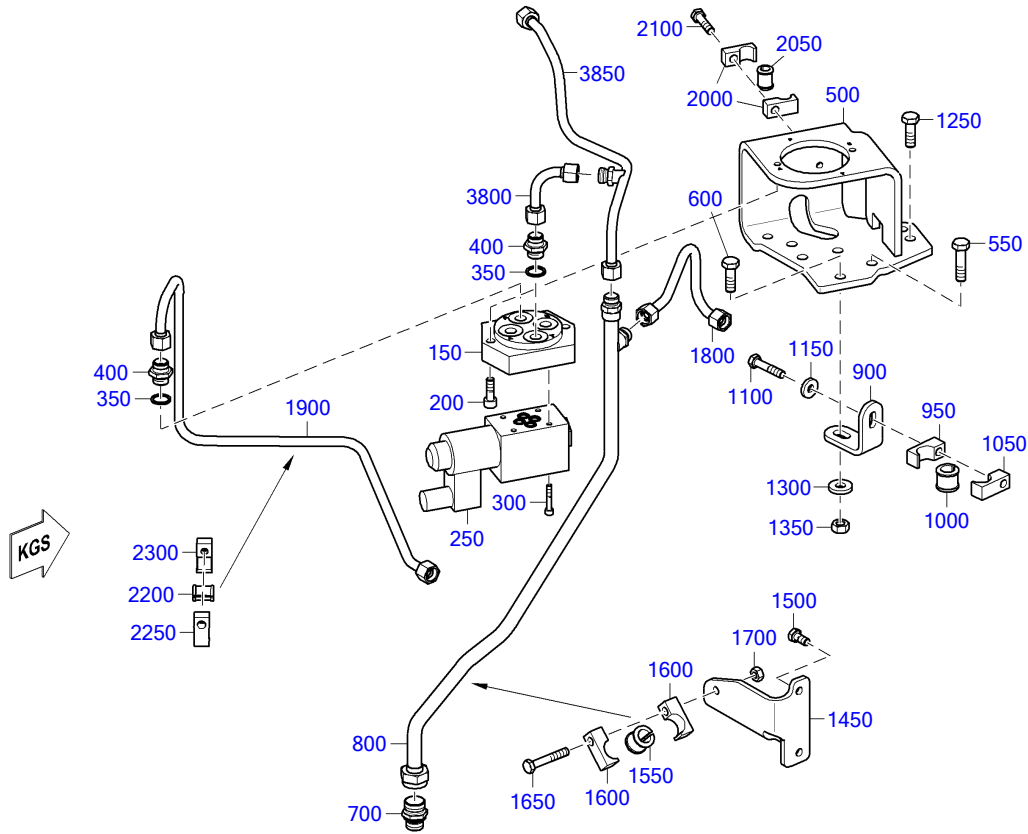
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
FLAP CONTROL

SERIAL NUMBER: 527110276

FG/FGS: 180 00

BOM-No.: XS594180.00080



18000389a

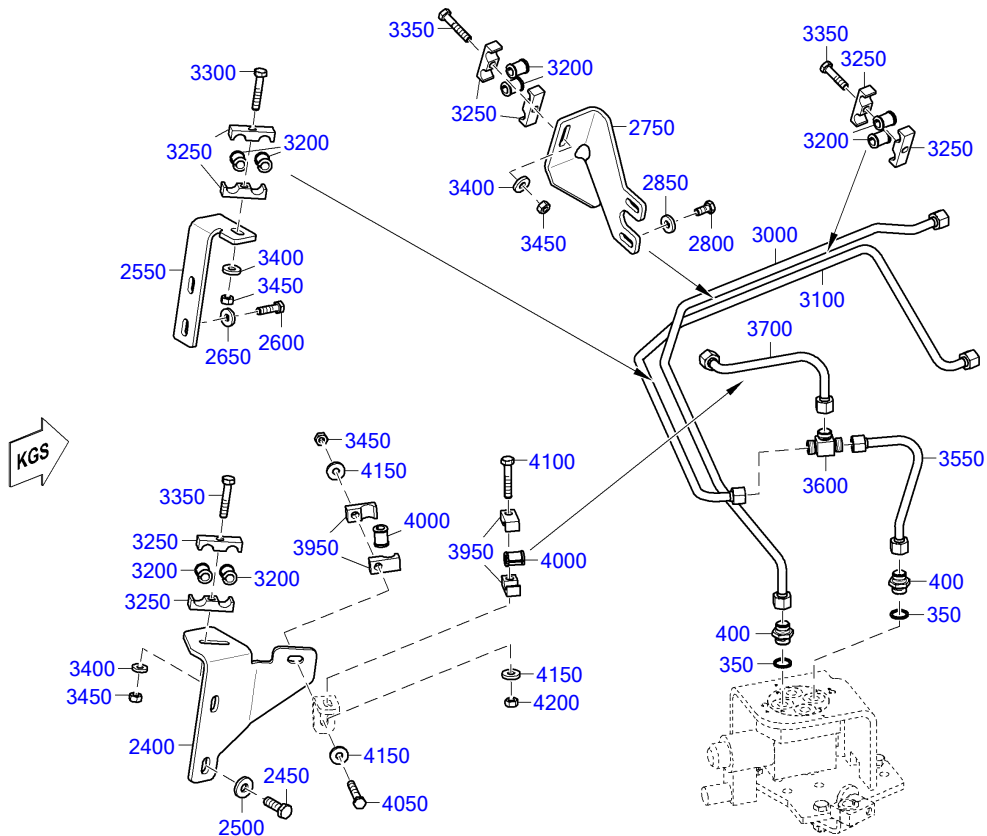
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
FLAP CONTROL

SERIAL NUMBER: 527110276

FG/FGS: 180 00

BOM-No.: XS594180.00080



18000388a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
150	X59499100043	VALVE MOUNTING PLATE	1	PC	1,200 KG			
200	000912008055	BOLT HEX SOC HD	2	PC	15 G		M 8 X 25	DIN912
250	X00041391	ACTUATOR VLV	1	PC	1,880 KG			
300	000000003558	BOLT HEX SOC ZNPH R5F	4	PC	5,400 G		M 5 X 30	DIN912
350	007603017102	WASHER A COP	4	PC	1,180 G		A 17 X 21	DIN7603
400	700419999004	UNION 8G 3/8 A	4	PC	33 G		10 G 3/8 A	MMN419
500	X59599100094	RETAINER	1	PC	3,165 KG			
510	000000001039	BOLT HEX A3C	1	PC	29,800 G		M 10 X 40	ISO4017
515	204017010021	BOLT A3C	1	PC	33,200 G		M 10 X 45	ISO4017
530	X59599100096	RETAINER	1	PC	1,345 KG			
540	000125008427	WASHER	2	PC	1,500 G		A 8,4	DIN125
550	304017008081	HEX BOLT	2	PC	13,500 G		M 8 X 25	ISO4017
560	000125010524	WASHER	2	PC	3,100 G		A 10,5	DIN125
570	000000001464	BOLT HEX A3C	2	PC	25 G		M 10 X 30	ISO4017
700	735211015000	UNION	1	PC			15M 18 X 1,5	MTN5211
800	X52618500033	OIL LINE	1	PC		SB		
900	X59420200167	RETAINER	1	PC	141 G			
950	700325022100	CLAMP HALF TUBE 1/1 D9-22	1	PC	48 G		1/1 D 9 - 22	MMN325
1000	700327015000	GROMMET	1	PC	7,180 G		15	MMN327
1050	700325022200	CLAMP HALF TUBE 1/1 G8-22	1	PC	49 G		1/1 G 8 - 22	MMN325
1100	304017008085	BOLT HEX	1	PC	18 G		M 8 X 40	ISO4017
1150	007349008002	WASHER	1	PC	8,300 G		8,4	DIN7349
1250	000000001464	BOLT HEX A3C	1	PC	25 G		M 10 X 30	ISO4017
1300	007349010002	WASHER	1	PC	11 G		10,5	DIN7349
1350	000000003187	NUT HEX A3C	1	PC			M 10	ISO4032
1450	X59499100442	RETAINER	1	PC				
1500	204017008009	BOLT	2	PC	11 G		M 8 X 18	ISO4017
1550	700327015000	GROMMET	1	PC	7,180 G		15	MMN327
1600	700325022100	CLAMP HALF TUBE 1/1 D9-22	1	PC	48 G		1/1 D 9 - 22	MMN325
1650	700325022200	CLAMP HALF TUBE 1/1 G8-22	1	PC	49 G		1/1 G 8 - 22	MMN325
1700	304017008083	BOLT HEX A3C	1	PC	15 G		M 8 X 30	ISO4017
1800	X52618500034	OIL LINE	1	PC		SB		
1900	X59418500058	OIL LINE	1	PC	0,192 KG	SB		
2000	700325015100	CLAMP HALF TUBE 1/1 D9-15	2	PC	34,030 G		1/1 D 9 - 15	MMN325
2050	700327010000	GROMMET	1	PC	3,650 G		10	MMN327
2100	304017008084	BOLT HEX A3C	1	PC	16,565 G		M 8 X 35	ISO4017
2200	700327010000	GROMMET	1	PC	3,650 G		10	MMN327
2250	700325015100	CLAMP HALF TUBE 1/1 D9-15	1	PC	34,030 G		1/1 D 9 - 15	MMN325
2300	700325015200	CLAMP HALF TUBE 1/1 G8-15	1	PC	35 G		1/1 G 8 - 15	MMN325
2400	X59599100098	RETAINER	1	PC				
2450	000000001464	BOLT HEX A3C	2	PC	25 G		M 10 X 30	ISO4017
2500	007349010002	WASHER	2	PC	11 G		10,5	DIN7349
2550	X52699100201	RETAINER	1	PC				
2600	304017008083	BOLT HEX A3C	2	PC	15 G		M 8 X 30	ISO4017
2650	007349008002	WASHER	2	PC	8,300 G		8,4	DIN7349
2750	X52618500026	RETAINER	1	PC				
2800	204017008009	BOLT	2	PC	11 G		M 8 X 18	ISO4017
2850	007349008002	WASHER	2	PC	8,300 G		8,4	DIN7349
3000	X59418500061	OIL LINE	1	PC		SB		
3100	X59418500059	OIL LINE	1	PC		SB		
3170	X00006907	RETAINER	1	PC				
3200	700327010000	GROMMET	8	PC	3,650 G		10	MMN327
3250	700325015104	CLAMP HALF TUBE 2/1 D9-15	8	PC	47 G		2/1 D 9 - 15	MMN325
3300	304017008084	BOLT HEX A3C	1	PC	16,565 G		M 8 X 35	ISO4017

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S

SERIAL NUMBER: 527110276

FLAP CONTROL

FG/FGS: 180 00

BOM-No.: XS594180.00080

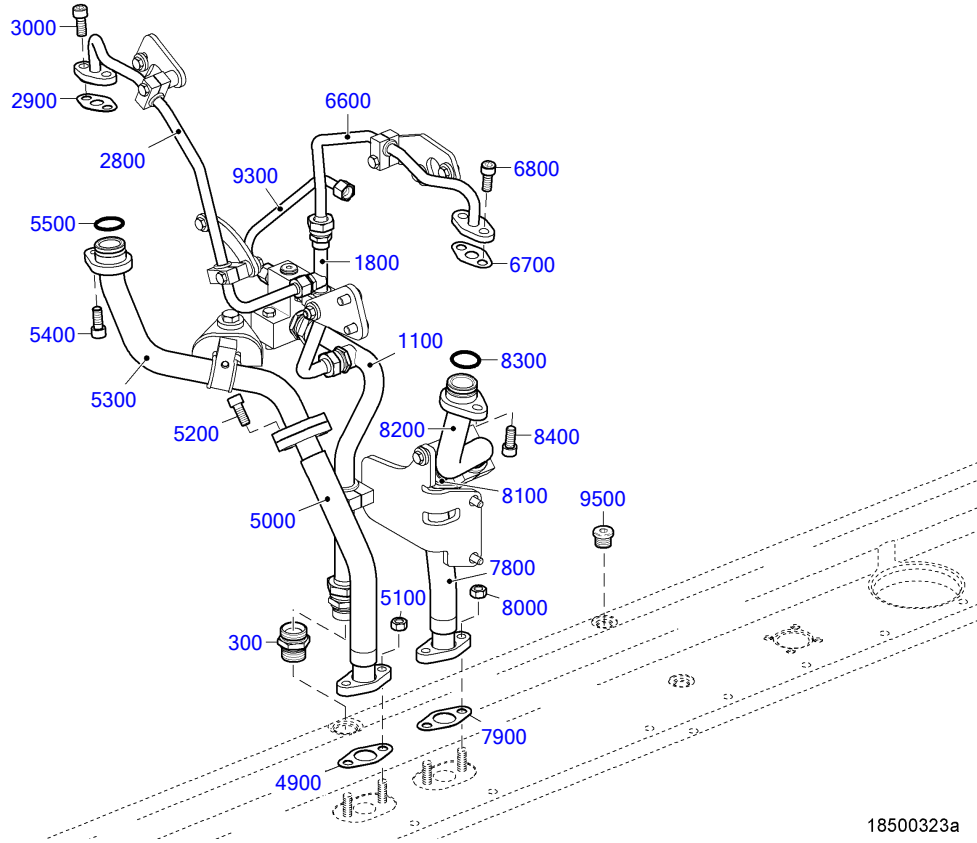
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
3350	304017008086	BOLT HEX A3C	2	PC	19,400 G		M 8 X 45	ISO4017
3360	304017008088	BOLT HEX A3C	1	PC	23,440 G		M 8 X 55	ISO4017
3400	007349008002	WASHER	4	PC	8,300 G		8,4	DIN7349
3450	304032008014	NUT HEX 8 A3C	3	PC	4,800 G		M 8	ISO4032
3550	X59418500053	OIL LINE	1	PC		SB		
3600	5569970674	FITTING TEE	1	PC	62 G		DN 8 / M16X1,5	
3700	X59418500054	OIL LINE	1	PC	95 G	SB		
3715	700325015100	CLAMP HALF TUBE 1/1 D9-15	1	PC	34,030 G		1/1 D 9 - 15	MMN325
3720	700325015200	CLAMP HALF TUBE 1/1 G8-15	1	PC	35 G		1/1 G 8 - 15	MMN325
3730	700327010000	GROMMET	1	PC	3,650 G		10	MMN327
3740	304017008084	BOLT HEX A3C	1	PC	16,565 G		M 8 X 35	ISO4017
3800	X59418500057	OIL LINE	1	PC	0,060 KG	SB		
3850	X59418500056	OIL LINE	1	PC	0,160 KG	SB		
3925	X59499100080	RETAINER	1	PC	85 G			
3950	700325015100	CLAMP HALF TUBE 1/1 D9-15	4	PC	34,030 G		1/1 D 9 - 15	MMN325
4000	700327010000	GROMMET	2	PC	3,650 G		10	MMN327
4050	304017008088	BOLT HEX A3C	1	PC	23,440 G		M 8 X 55	ISO4017
4100	304017008086	BOLT HEX A3C	1	PC	19,400 G		M 8 X 45	ISO4017
4150	007349008002	WASHER	3	PC	8,300 G		8,4	DIN7349
4200	304032008014	NUT HEX 8 A3C	2	PC	4,800 G		M 8	ISO4032

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
T/CHARGER OIL SUPPLY

SERIAL NUMBER: 527110276

FG/FGS: 180 00
BOM-No.: XS595180.00046

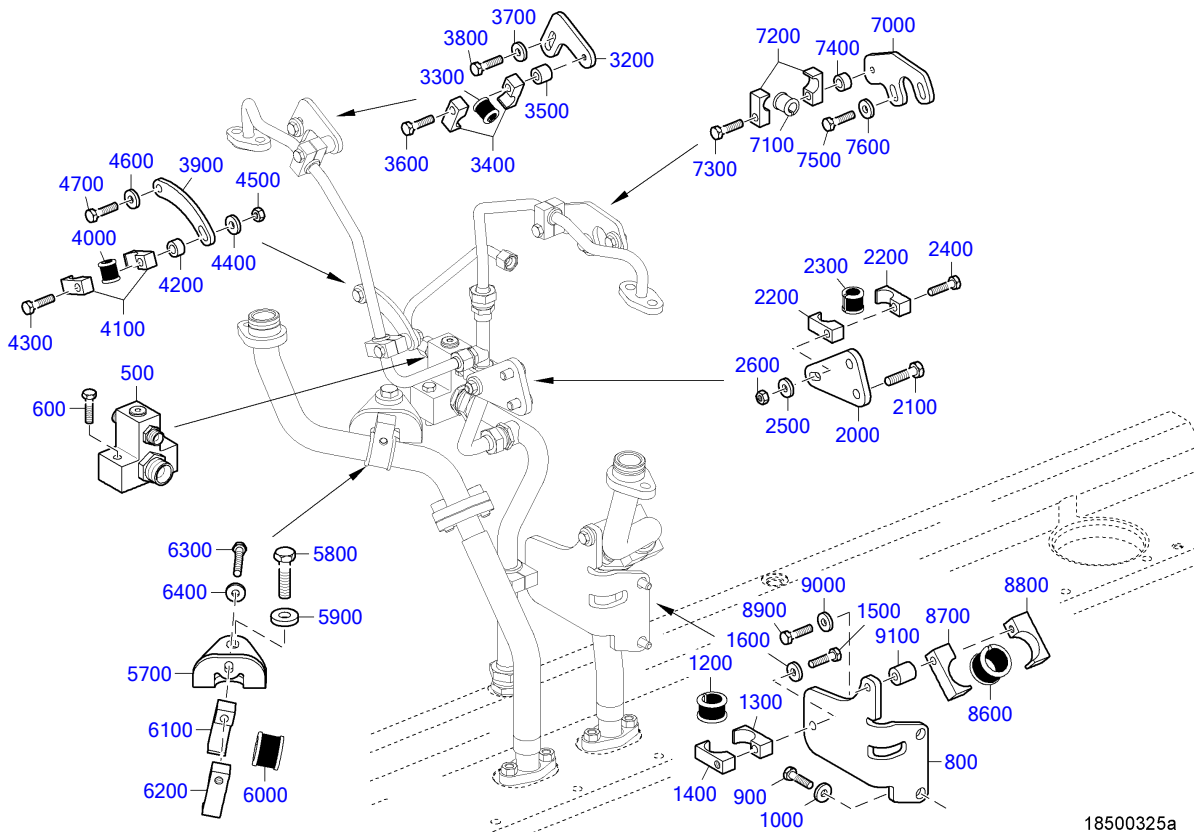


EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
T/CHARGER OIL SUPPLY

SERIAL NUMBER: 527110276

FG/FGS: 180 00
BOM-No.: XS595180.00046



POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
300	735211022000	UNION THD O-RING	1	PC	101,200 KG		22M 27 X 2	MTN5211
500	X52618500017	CONNECTING PIECE	1	PC	1,207 KG			
600	304017008086	BOLT HEX A3C	2	PC	19,400 G		M 8 X 45	ISO4017
800	X52618500018	RETAINER	1	PC				
900	304017008081	HEX BOLT	2	PC	13,500 G		M 8 X 25	ISO4017
1000	007349008002	WASHER	2	PC	8,300 G		8,4	DIN7349
1100	X52618500019	OIL SUPPLY LINE	1	PC	589 G	SB		
1200	700327022000	GROMMET	1	PC	9 G		22	MMN327
1300	700325028100	CLAMP HALF TUBE 1/1 D9-28	1	PC	55 G		1/1 D 9 - 28	MMN325
1400	700325028200	CLAMP HALF TUBE 1/1 G8-28	1	PC	57 G		1/1 G 8 - 28	MMN325
1500	304017008086	BOLT HEX A3C	1	PC	19,400 G		M 8 X 45	ISO4017
1800	X52618500020	OIL LINE	1	PC	272 G	SB		
2000	X52899100015	RETAINER	1	PC	262 G			
2100	000000003020	BOLT HEX A3C	2	PC	20,010 G		M 10 X 20	ISO4017
2200	700325022100	CLAMP HALF TUBE 1/1 D9-22	2	PC	48 G		1/1 D 9 - 22	MMN325
2300	700327015000	GROMMET	1	PC	7,180 G		15	MMN327
2400	304017008088	BOLT HEX A3C	1	PC	23,440 G		M 8 X 55	ISO4017
2500	007349008002	WASHER	1	PC	8,300 G		8,4	DIN7349
2600	304032008014	NUT HEX 8 A3C	1	PC	4,800 G		M 8	ISO4032
2800	X52618500022	OIL LINE	1	PC	261 G	SB		
2900	5501871180	GASKET	1	PC	1 G			
3000	000912010065	BOLT HEX SOC HD	2	PC	24,200 G		M 10 X 25	DIN912
3200	X59499100108	RETAINER	1	PC	57 G			
3300	700327012000	GROMMET	1	PC	4,600 G		12	MMN327
3400	700325018100	CLAMP HALF TUBE 1/1 D9-18	2	PC	40 G		1/1 D 9 - 18	MMN325
3500	83320300053	SPACER TUBE	1	PC	21,700 G			
3600	304017008087	BOLT HEX	1	PC	4,263 G		M 8 X 50	ISO4017
3700	007349008002	WASHER	1	PC	8,300 G		8,4	DIN7349
3800	204017008009	BOLT	1	PC	11 G		M 8 X 18	ISO4017
3900	X59499100512	RETAINER	1	PC	0,150 KG			
4000	700327012000	GROMMET	1	PC	4,600 G		12	MMN327
4100	700325018100	CLAMP HALF TUBE 1/1 D9-18	2	PC	40 G		1/1 D 9 - 18	MMN325
4200	55115300050	SPACER BUSHING	1	PC	13,310 G		Ø18/Ø10 x 10	
4300	304017008086	BOLT HEX A3C	1	PC	19,400 G		M 8 X 45	ISO4017
4600	007349008002	WASHER	2	PC	8,300 G		8,4	DIN7349
4700	204017008009	BOLT	2	PC	11 G		M 8 X 18	ISO4017
4900	X00009917	GASKET	2	PC	2,200 G			
5000	X59518500041	OIL RETURN LINE	1	PC		EM		
5100	000000003187	NUT HEX A3C	2	PC			M 10	ISO4032
5200	000912010065	BOLT HEX SOC HD	2	PC	24,200 G		M 10 X 25	DIN912
5300	X59518500043	OIL RETURN LINE	1	PC		SB EM		
5400	000912010065	BOLT HEX SOC HD	1	PC	24,200 G		M 10 X 25	DIN912
5500	700429028005	O-RING	1	PC	3 G		28,15X 3,5	MMN429
5700	X59418500037	RETAINER	1	PC				
5800	000000003381	BOLT HEX A3C	1	PC	41 G		M 12 X 35	ISO4017
5900	007349013002	WASHER	1	PC	22,600 G	MN	13	DIN7349
6000	700327028000	GROMMET	1	PC	13,510 G		28	MMN327
6100	700325035100	CLAMP HALF TUBE 1/1 D9-35	1	PC	104 G		1/1 D 9 - 35	MMN325
6200	700325035200	CLAMP HALF TUBE 1/1 G8-35	1	PC			1/1 G 8 - 35	MMN325
6300	304017008088	BOLT HEX A3C	1	PC	23,440 G		M 8 X 55	ISO4017
6400	007349008002	WASHER	1	PC	8,300 G		8,4	DIN7349
6600	X52618500021	OIL LINE	1	PC	257 G	SB		
6700	5501871180	GASKET	1	PC	1 G			
6800	000912010065	BOLT HEX SOC HD	2	PC	24,200 G		M 10 X 25	DIN912

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
T/CHARGER OIL SUPPLY

SERIAL NUMBER: 527110276

FG/FGS: 180 00

BOM-No.: XS595180.00046

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
7000	X59499100109	RETAINER	1	PC	179 G			
7100	700327012000	GROMMET	1	PC	4,600 G		12	MMN327
7200	700325018100	CLAMP HALF TUBE 1/1 D9-18	2	PC	40 G		1/1 D 9 - 18	MMN325
7300	304017008086	BOLT HEX A3C	1	PC	19,400 G		M 8 X 45	ISO4017
7400	5511530050	SPACER BUSHING	1	PC	13,310 G		Ø18/Ø10 × 10	
7500	204017008009	BOLT	2	PC	11 G		M 8 X 18	ISO4017
7600	007349008002	WASHER	2	PC	8,300 G		8,4	DIN7349
7800	X59518500042	OIL RETURN LINE	1	PC		EM		
7900	X00009917	GASKET	2	PC	2,200 G			
8000	000000003187	NUT HEX A3C	2	PC			M 10	ISO4032
8100	000912010065	BOLT HEX SOC HD	2	PC	24,200 G		M 10 X 25	DIN912
8200	X59518500044	OIL RETURN LINE	1	PC	670 G	SB EM		
8300	700429028005	O-RING	1	PC	3 G		28,15X 3,5	MMN429
8400	000912010065	BOLT HEX SOC HD	1	PC	24,200 G		M 10 X 25	DIN912
8600	700327028000	GROMMET	1	PC	13,510 G		28	MMN327
8700	700325035100	CLAMP HALF TUBE 1/1 D9-35	1	PC	104 G		1/1 D 9 - 35	MMN325
8800	700325035200	CLAMP HALF TUBE 1/1 G8-35	1	PC			1/1 G 8 - 35	MMN325
8900	000000004389	HEX SCREW	1	PC	29,800 G		M 8 X 75	ISO4017
9000	007349008002	WASHER	1	PC	8,300 G		8,4	DIN7349
9100	5564910150	BUSHING	1	PC	44 G			
9300	X52618500023	OIL LINE	1	PC		SB		
9500	735210018000	PLUG	1	PC	35,800 KG		M 18 X 1,5	MTN5210

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
OIL HEAT EXCHANGER WITH TEST CERT. 3.1

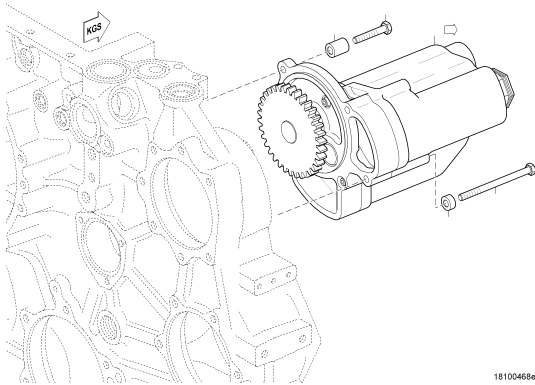
SERIAL NUMBER: 527110276

FG/FGS: 180 00

BOM-No.: XS595180.00061

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
100	0001803465/87	OIL HEAT EXCHANGER WITH TEST CERT. 3.1	MIT 61 PLATTEN	1	PC	53,500 KG	EM		
200	700429050003	O-RING		4	PC	4,600 G		50 X 4	MMN429
250	000912010066	BOLT HEX SOC HD		4	PC	29 G		M 10 X 35	DIN912
300	000125010524	WASHER		4	PC	3,100 G		A 10,5	DIN125
350	X59518300010	OIL. DISTR. HOUSING		1	PC				
450	700429075001	O-RING		2	PC	10,900 G		75 X 5	MMN429
500	000939012061	STUD		3	PC	40,500 G		M 12 X 40	DIN939
550	000125013012	WASHER		3	PC	5,320 G	MN	A 13	DIN125
600	000000004744	HEX NUT		3	PC	32 G		M 12	ISO4032
650	000000003378	HEX SCREW		3	PC	124 G		M 12 X130	ISO4014
750	X59318300025	RETURN LOCK FOR OIL COOLER		2	PC	9,114 KG			
800	700429060002	O-RING		4	PC	5,870 G		60 X 4	MMN429
850	000000001039	BOLT HEX A3C		6	PC	29,800 G		M 10 X 40	ISO4017

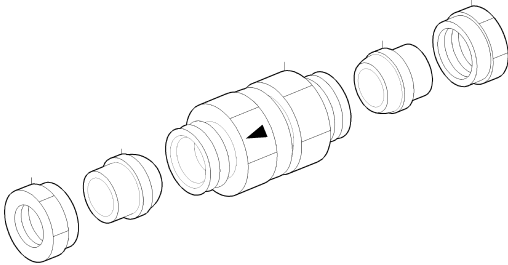
GROUP NUMBER (FG)
GROUP NAME
BOM-No.



OIL PUMP
XS527180.00010

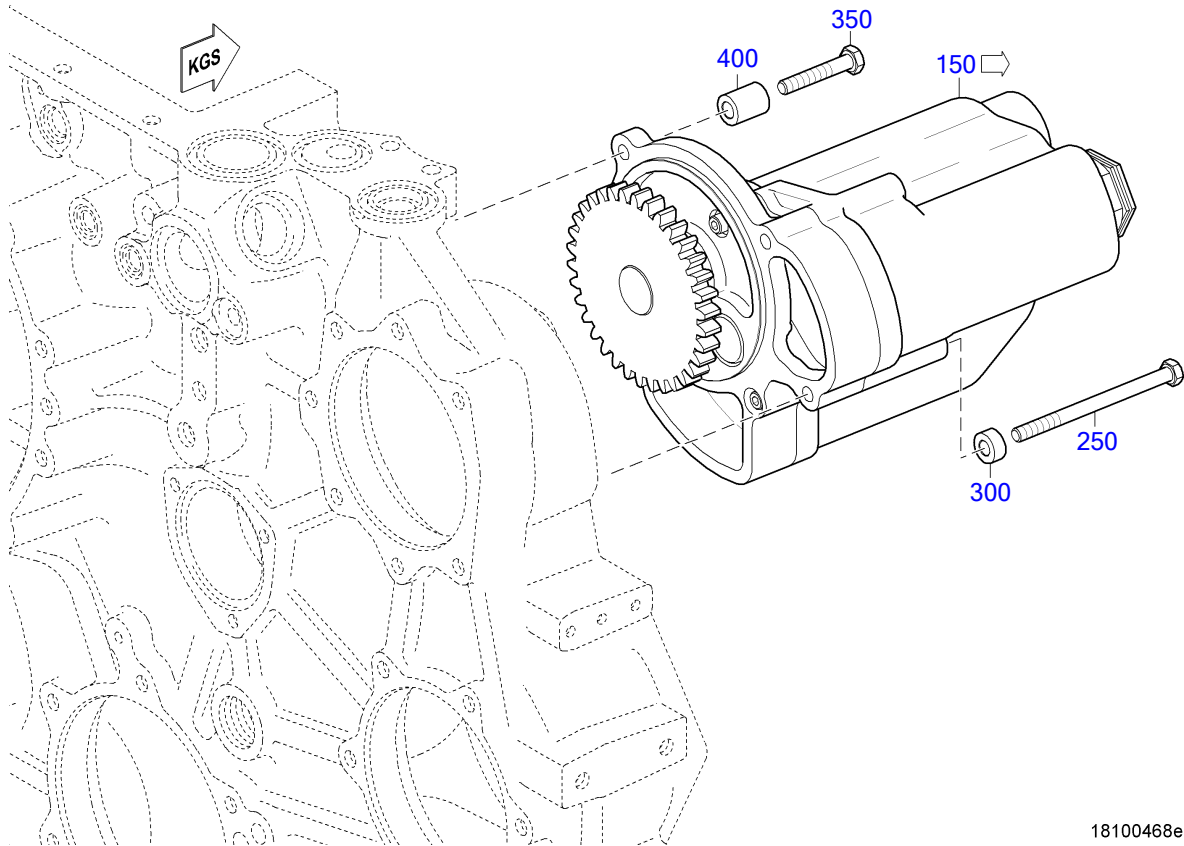
18100468e

PUMP UNIT
XS594180.00111



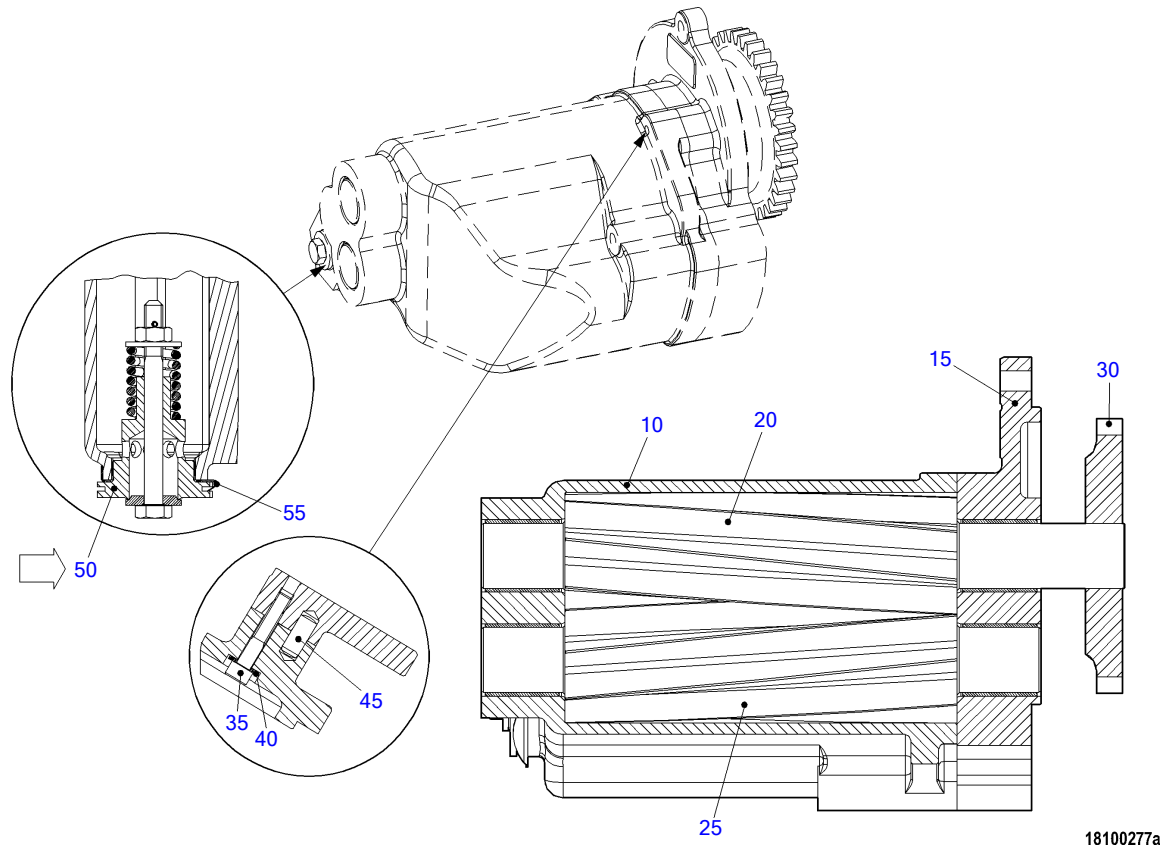
NON-RETURN VALVE FOR OIL PRIMING PUM
180.00443

18100211a



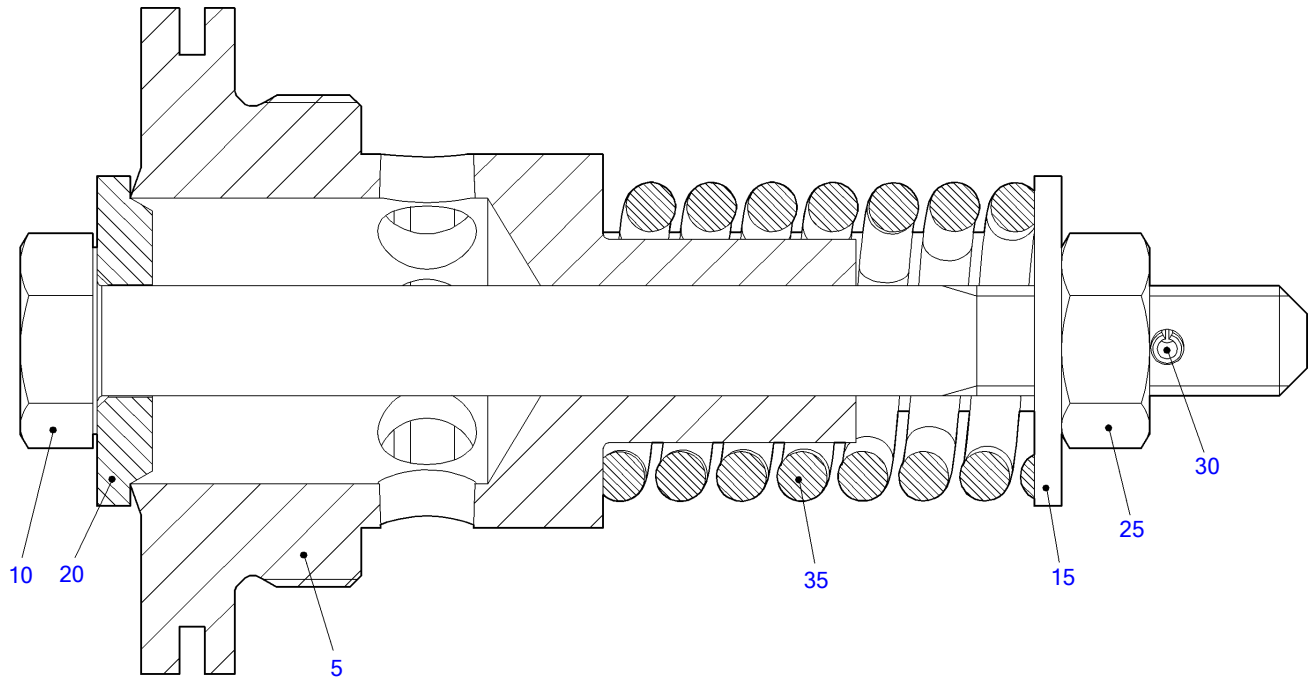
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POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
150	0021806201	O/PUMP ASM		1	PC				
250	304014010015	BOLT HEX		3	PC	91 G		M 10 X140	ISO4014
300	735151010200	SPACER S2000/4000		3	PC	22,300 G	MN	B 10,5	MTN5151
350	304017010051	BOLT HEX		1	PC	39,800 G		M 10 X 60	ISO4017
400	5241871853	SPACER SLEEVE	BR 4000	1	PC	65 G		11MM X 22MM L=28	



18100277a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10		HOUSING	1	PC		KE		
15	Z=404824	COVER	1	PC		AC		
20	Z=404881	SHAFT	1	PC		AC		
25	Z=404882	AXLE	1	PC		AC		
30	Z=404880	GEAR	1	PC		AC		
35	000912008072	BOLT HEX SOC HD	3	PC	22,060 G		M 8 X 45	DIN912
40	206796008000	CONICL SPRING WASHER	3	PC	2,900 G		8	DIN6796
45	000007010130	DOWEL PIN	2	PC			10 M6 X 24	DIN7
50	Z=413549	VALVE	1	PC				
55	Z=409853	WASHER	1	PC				



18100278a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
5	Z=176215-2	VALVE SEAT	1	PC		AC		
10	Z=176566-8	SCREW	1	PC		AC	M 10 X 110 -D3	
15	Z=252593-9	WASHER	1	PC		AC	10,5	
20	Z=406207	WASHER	1	PC		AC	D 10,2 X D30 X 5	
25	000934010007	NUT HEX	1	PC	10,300 G		M 10	DIN934
30	Z=253613-4	SPRING PIN	1	PC		AC	3 X 16	DIN1481
35	Z=256397-1	PRESSURE SPRING	1	PC		AC		DIN17224

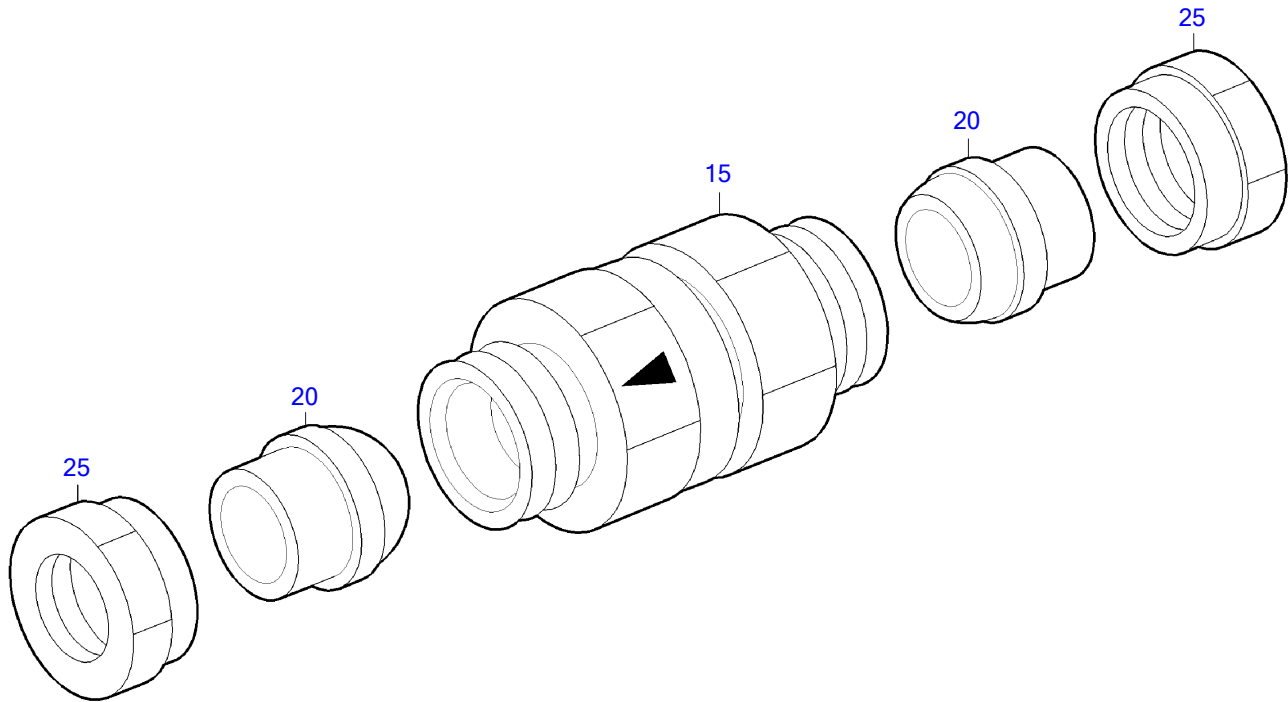
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
PUMP UNIT

SERIAL NUMBER: 527110276

FG/FGS: 181 15
BOM-No.: XS594180.00111

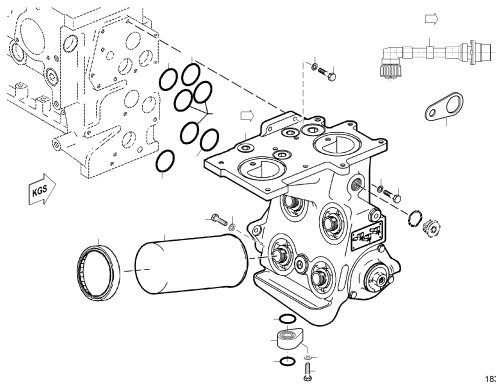
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
30	X59418100011/87	PUMP UNIT	RICKMEIER,3 PHAS.460V,60HZ	1	PC	28,500 KG		
50	915003020202	BALL-TYPE UNION		2	PC		B2 -22	MBN15003
60	915001020003	NUT		2	PC	48 G	20 M 30 X 1,5	N15001
70	700419999002	UNION 20G 1 A		2	PC	128 G	22 G 1 A	MMN419
80	007603033100	WASHER A33X39 COP METALLIC		2	PC	4,770 G	A 33 X 39	DIN7603



18100211a

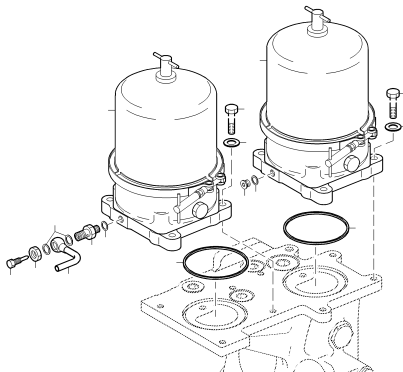
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
15	735080022201	VALVE NON-RETURN RHDK 22-L 0.5	1	PC	458 G	RHDK 22-L 0,5	MTN5080
20	915003020202	BALL-TYPE UNION	2	PC		B2 -22	MBN15003
25	915001020003	NUT	2	PC	48 G	20 M 30 X 1,5	N15001

GROUP NUMBER (FG)
GROUP NAME
BOM-No.



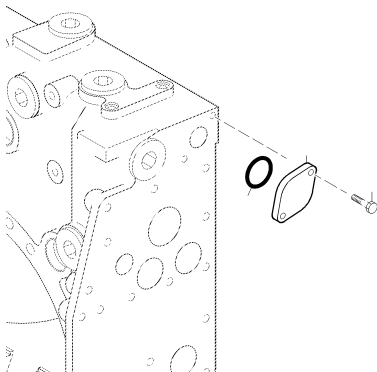
OIL FILTER W/DIVERTER VALVE
XS593180.00023

18301208



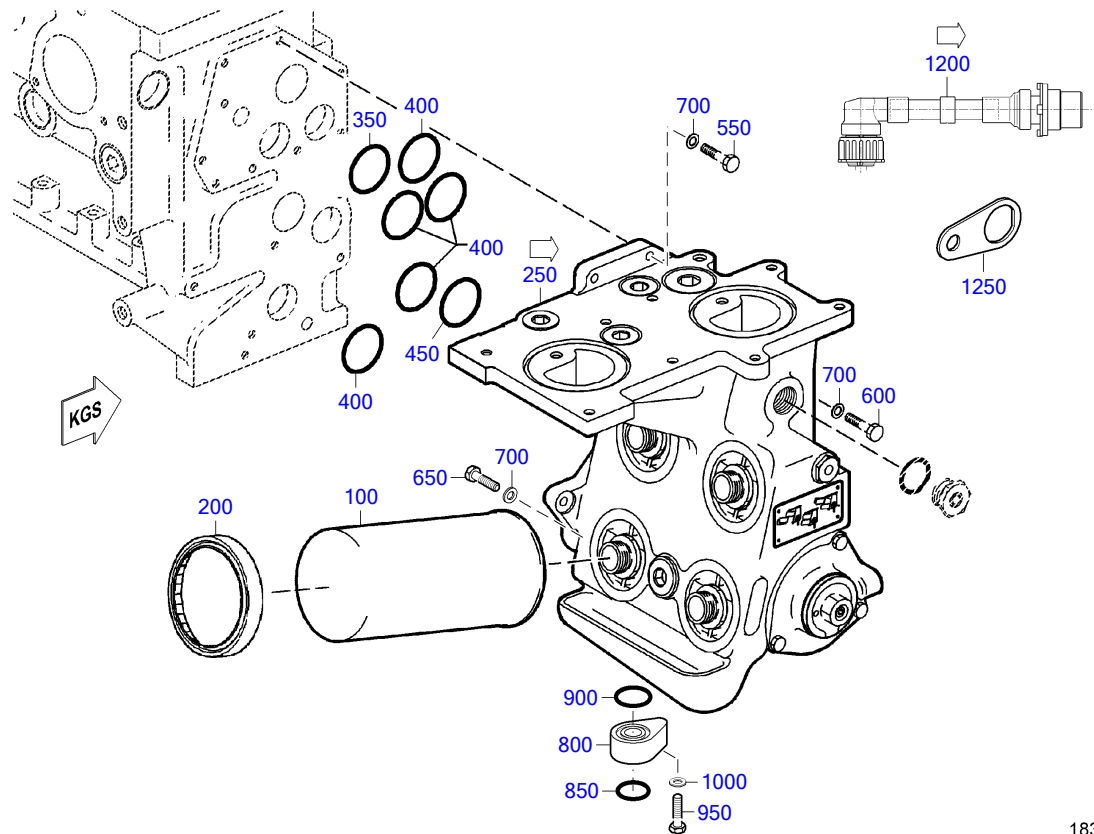
CENTRIFUGAL OIL FLTR
XS526180.00008

18300038a



SEAL ELEM. F/COOLANT DISTR. HS
180.00268

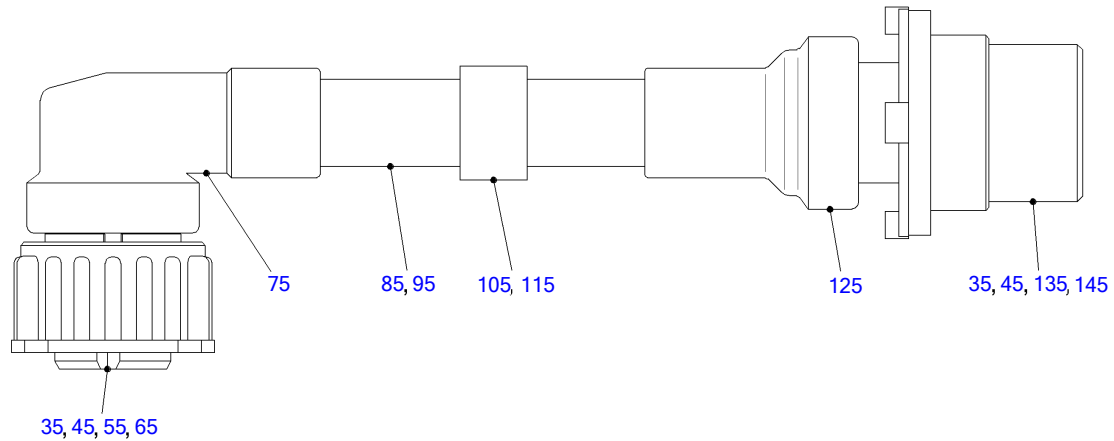
18000654a



18301208

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
100	0031845301	OIL FILTER SPIN-ON		4	PC	2,200 KG	AB		
200	X00040625	COVER FOR SOLAS		4	PC	7 G			
250	X59318300013	OIL FILTER HOUSING		1	PC	38,900 KG			
350	700429070002	O-RING		1	PC	7 G		70 X 4	MMN429
400	700429058001	O-RING		5	PC	6 G		58 X 4	MMN429
450	700429076000	O-RING		1	PC	7,090 G		76 X 4	MMN429
550	000000001039	BOLT HEX A3C		4	PC	29,800 G		M 10 X 40	ISO4017
600	204014010015	HEX SCREW		5	PC			M 10 X180	ISO4014
700	000125010524	WASHER		10	PC	3,100 G		A 10,5	DIN125
800	X59318300006	SPACER		1	PC	1,015 KG			
850	700429040003	O-RING		1	PC	6,070 G		40 X 5	MMN429
900	700429045000	O-RING		1	PC	6,920 G		45 X 5	MMN429
950	000000003437	BOLT HEX A3C		1	PC	52 G	M	M 12 X 50	ISO4017
1000	000125013012	WASHER		1	PC	5,320 G	MN	A 13	DIN125
1200	5265303735	CABLE	12/16V4000 M	1	PC	43,500 G		L	
1250	5241534340	BRACKET H:14	4000	1	PC	24,100 G			

CABLE



50701429a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
35	0165313283	MALE CONNECTOR	STECKER F. BU-KONTAKTE 2,5MM	1	PC	11,500 G	4POL. CODE 1 / DIN 72585	
45	0165313383	FEMALE CONTACT		2	PC	0,200 G	0,5-1,0 MM ² / D=2,5MM	
55	0165313483	SINGLE-CORE INSUL		4	PC	0,100 G	1,2-2,0 MM / D2,5MM	
65	0165313583	BLANKING PLUG	BLINDSTOPFEN	4	PC	0,100 G	SYSTEM 2,5MM / 2,8MM	
75	0165313683	CAP	STECKERKAPPE WELLROHRADAPTER	1	PC	5,760 G	90 GRAD / NW10 / DIN 72585	
85	0095319080	CABLE	RADDOX 155S RW VERDRILLT	0,170	M		1X2X1,0QMM / WS / NUMMERIERT	
95	0005337043	PIPE	359.	0,050	M		WELLROHR NW10	
105	700461105001	MARKER SLEEVE		1	PC		5/B	MMN461
115	700461205007	MARKER SLEEVE		1	PC		5/7	MMN461
125	0165313783	CAP	STECKERKAPPE WELLROHRADAPTER	1	PC	4,470 G	180 GRAD / NW10 / DIN 72585	
135	0165313883	FEMALE CONNECTOR		1	PC	13,400 G	4POL. CODE 1 / DIN 72585	
145	0165313983	PIN CONTACT	STIFTKONTAKT VERSILBERT	2	PC	0,700 G	0,5-1,0 MM ² / D=2,5MM	

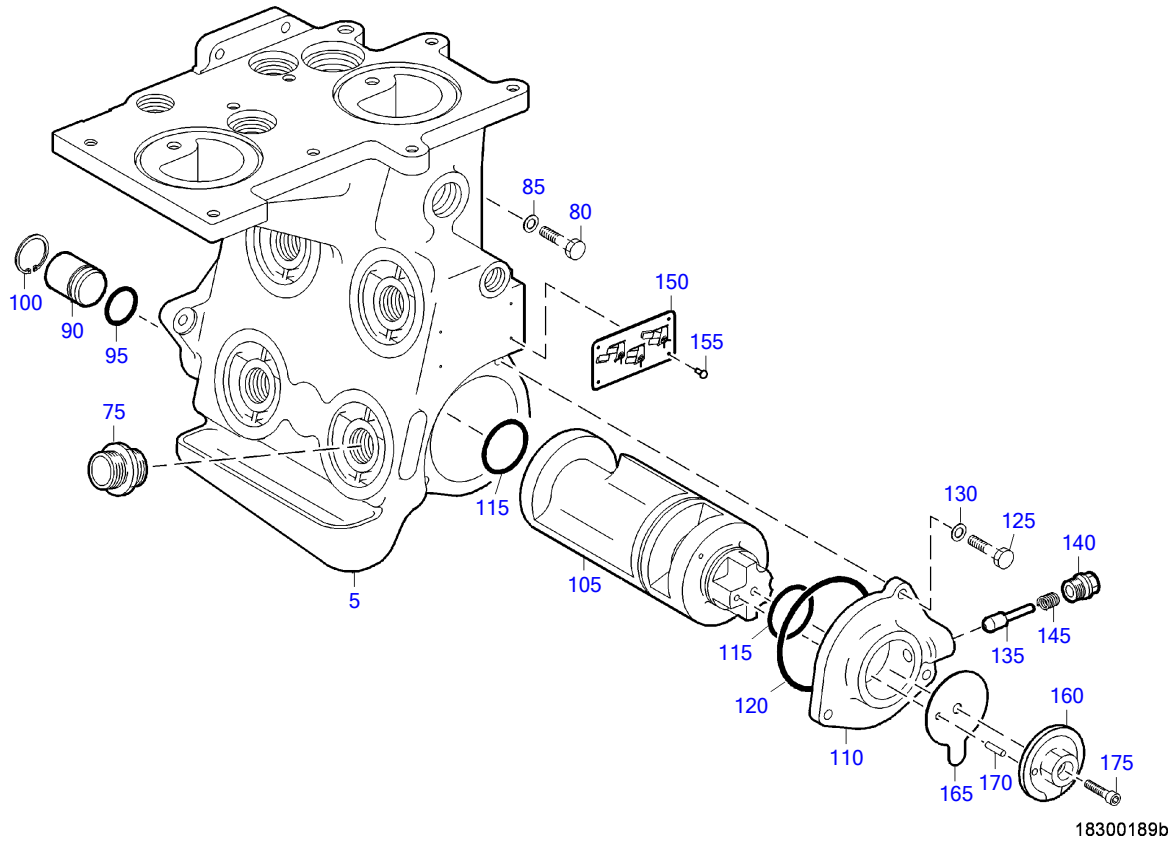
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
OIL FILTER HOUSING

SERIAL NUMBER: 527110276

FG/FGS:

BOM-No.: X59318300013



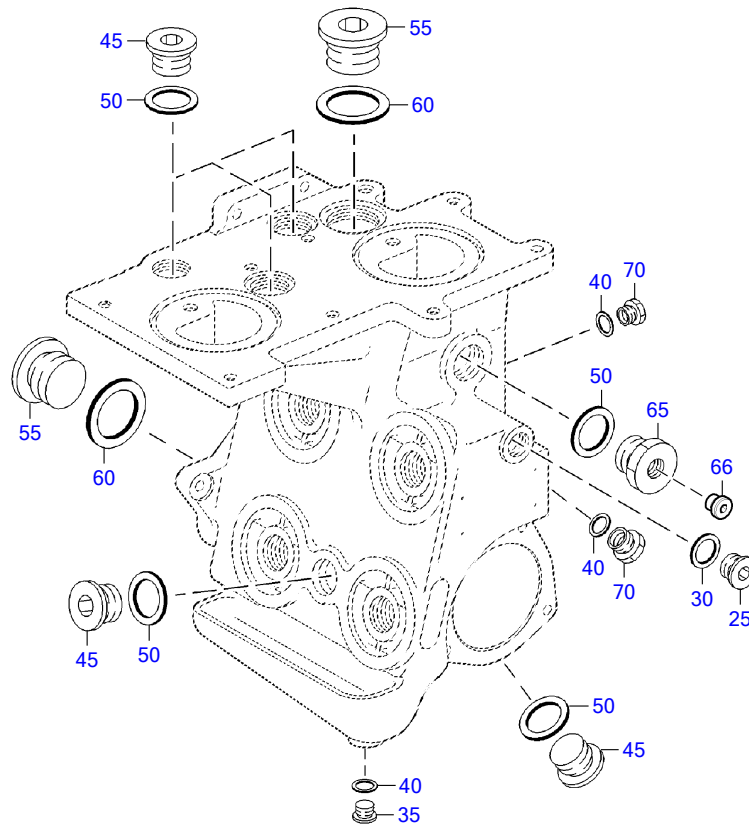
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
OIL FILTER HOUSING

SERIAL NUMBER: 527110276

FG/FGS:

BOM-No.: X59318300013



18301320

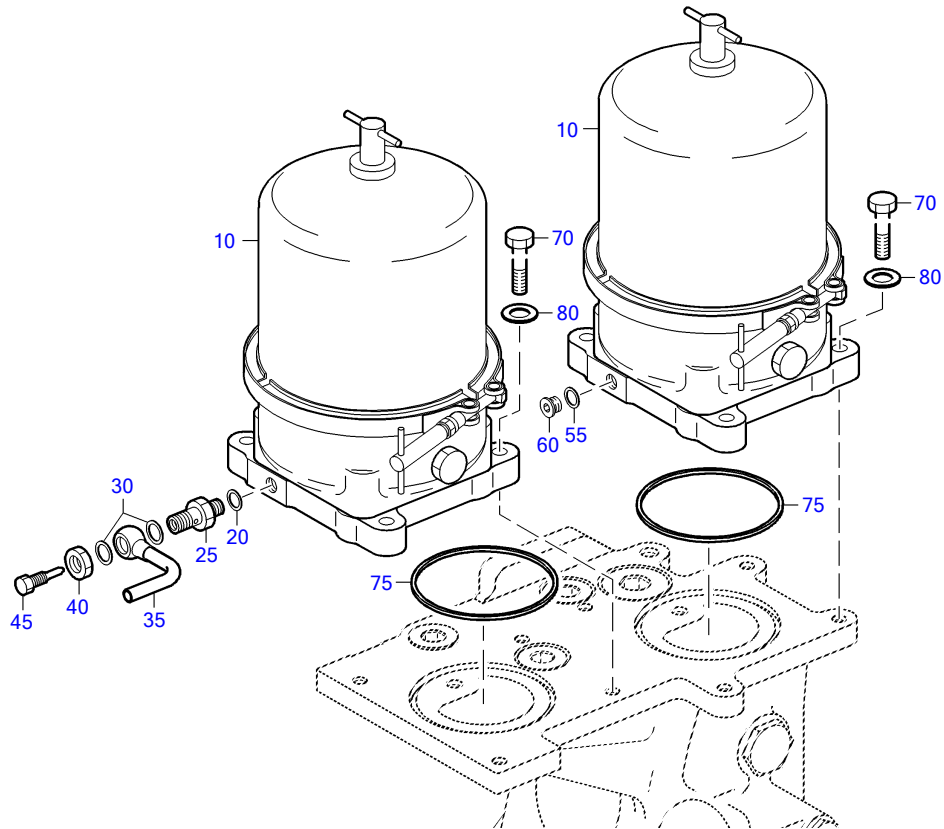
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
OIL FILTER HOUSING

SERIAL NUMBER: 527110276

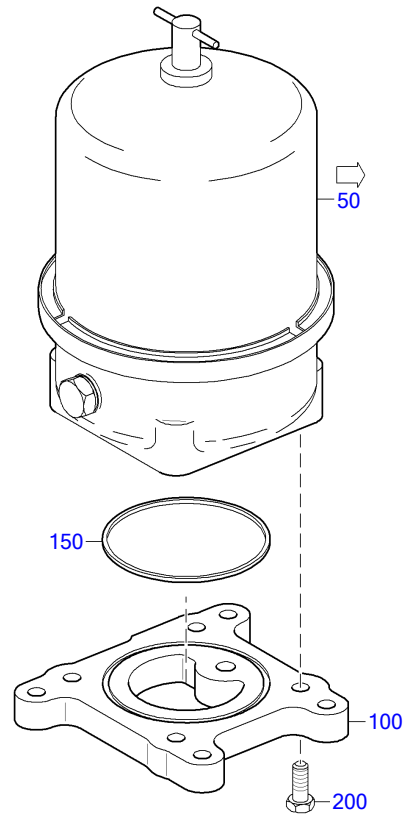
FG/FGS:
BOM-No.: X59318300013

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
5	X59318300012	OIL FILTER HOUSING		1	PC			
25	000908026005	THREAD PLUG		1	PC	69,900 KG	M 26 X 1,5	DIN908
30	007603026104	COPPER SEALING RING		1	PC	3,100 G	A 26 X 31	DIN7603
35	000908018002	PLUG		1	PC	29,800 KG	M 18 X 1,5	DIN908
40	007603018101	COPPER SEALING RING		4	PC	1,300 G	A 18 X 22	DIN7603
45	000908038000	THREAD PLUG		5	PC	150,800 KG	M 38 X 1,5	DIN908
50	007603038101	COPPER SEALING RING		6	PC	5,400 G	A 38 X 44	DIN7603
55	000908052003	THREAD PLUG		3	PC	308,500 KG	M 52 X 1,5	DIN908
60	007603052101	COPPER SEALING RING		3	PC	12,300 G	A 52 X 60	DIN7603
65	5249970616	BUSHING THREADED		1	PC	204,900 G		
66	735210014000	THREAD PLUG		1	PC	19,100 KG	M 14 X 1,5	MTN5210
70	5069971416	BUSHING THREADED	8/12V183TE02/93	3	PC	27,377 G		
75	0009973675	ADAPTER OIL FLTR DUAL NIPPLE S2000+S4000		4	PC	150 G		
80	204014010015	HEX SCREW		1	PC		M 10 X180	ISO4014
85	000125010524	WASHER		1	PC	3,100 G	A 10,5	DIN125
90	5249970635	PLUG		2	PC	479 G	40X50X5.5 WITH M6 THD	
95	700429032003	O-RING		2	PC	3,100 G	32 X 4	MMN429
100	000472042000	RING SNAP		2	PC	5,570 G	42 X 1,75	DIN472
105	5241800067	VALVE SLIDE OIL FLTR SWITCH OVER		1	PC	3,560 KG		
110	5241840309	FLANGE		1	PC	856 G		
115	700429055001	O-RING		2	PC	8,110 G	55 X 5	MMN429
120	700429115000	O-RING		1	PC	23,080 G	115 X 6	MMN429
125	000000003326	HEX SCREW		3	PC	28,180 G	M 10 X 35	ISO4017
130	000125010524	WASHER		3	PC	3,100 G	A 10,5	DIN125
135	5369910120	STUD BALL		1	PC	48 G		
140	5361840156	PLUG		1	PC	61,500 KG		
145	002098001022	SPRING PRESSURE		1	PC		1,25X 10 X 44,5	DIN2098
150	5245840021	PLATE		1	PC	14,100 G		
155	201476002000	PIN GROOVED		4	PC	0,370 G	A 2,5X 5	ISO8746
160	5241840076	WASHER	BR 4000	1	PC	335,500 G		
165	5240150531	POINTER	BR 4000	1	PC	60 G		
170	006325006108	PIN DOWEL		1	PC	5 G	6 M 6 X 24	DIN6325
175	000912010064	BOLT HEX SOC HD		1	PC	30 G	M 10 X 40	DIN912



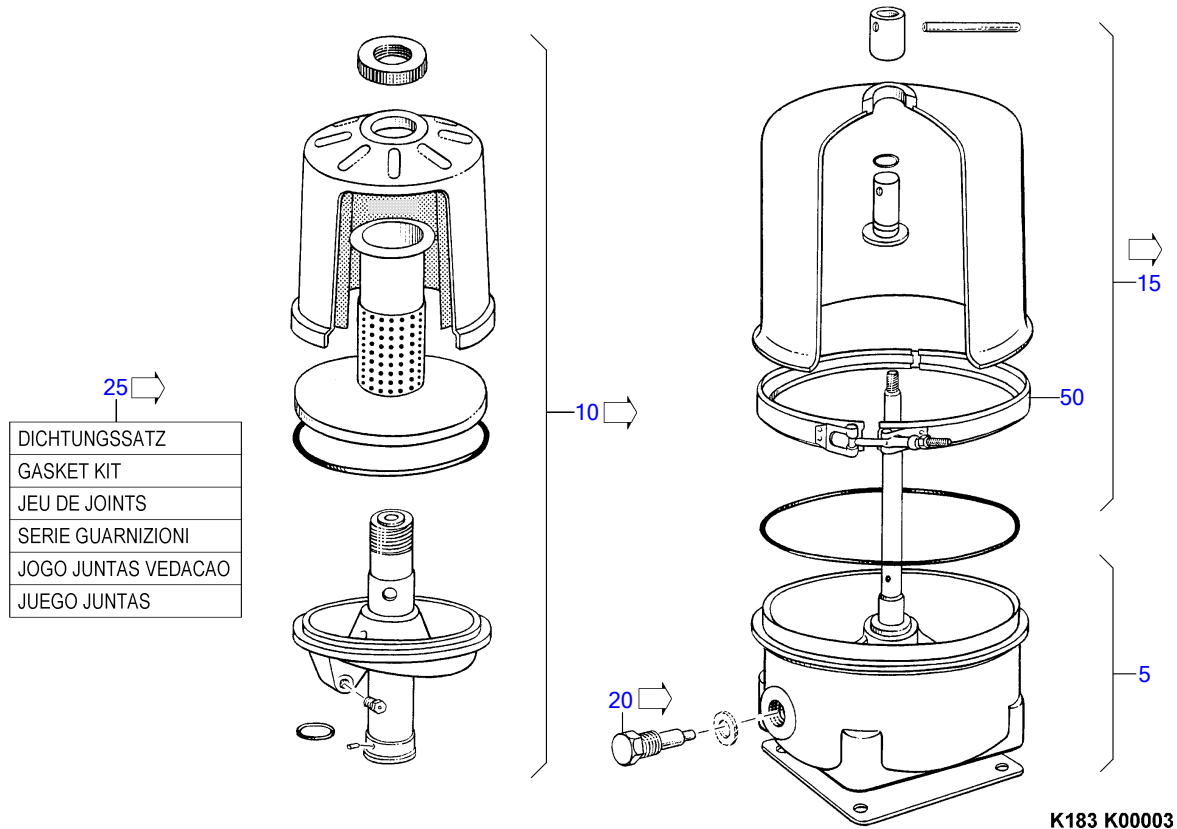
18300038a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	X52418300026	CENTRIFUGAL OIL FLTR	2	PC	12,400 KG			
20	007603014102	COPPER SEALING RING	1	PC	1 G		A 14 X 18	DIN7603
25	5849972672	UNION	1	PC	64 G			
30	007603016105	COPPER SEALING RING	2	PC			A 16 X 20	DIN7603
35	5241802019	TUBE ASM SOL OIL SUPPLY	1	PC	69 G	SB		
40	000439016200	NUT M16 04-2 DIN439	1	PC	20 G		B M 16	DIN439
45	5849900615	BOLT SPL M10 1.00X40 TO M6 0.2 8.8	1	PC	23,110 G			
55	007603014102	COPPER SEALING RING	1	PC	1 G		A 14 X 18	DIN7603
60	000908014001	THREAD PLUG	1	PC	16,100 KG		M 14 X 1,5	DIN908
70	000933012051	BOLT HEX S2000/4000	8	PC	55 G	MN	M 12 X 50	DIN933
75	700429122001	O-RING	2	PC	9 G		122 X 3,75	MMN429
80	000125013012	WASHER	8	PC	5,320 G	MN	A 13	DIN125

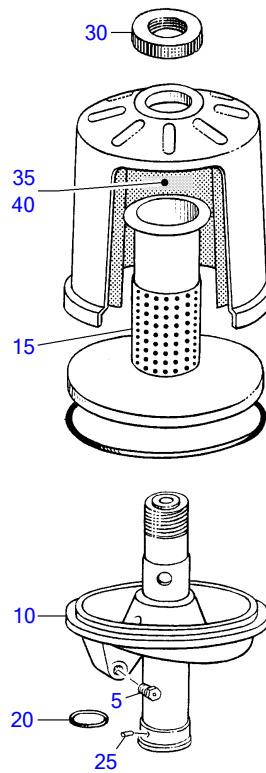


18301018a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	X52418300028	CENTRIFUGAL OIL FLTR		1	PC			
100	5241840509	ADAPTER 2 LITER CENTRIFUGAL SPINNER	BR 4000	1	PC	1,550 KG		
150	700429122001	O-RING		1	PC	9 G	122 X 3,75	MMN429
200	11509528	BOLT PHOS HEX FLG LRG		4	PC	50,300 G	M12X1,75X30	

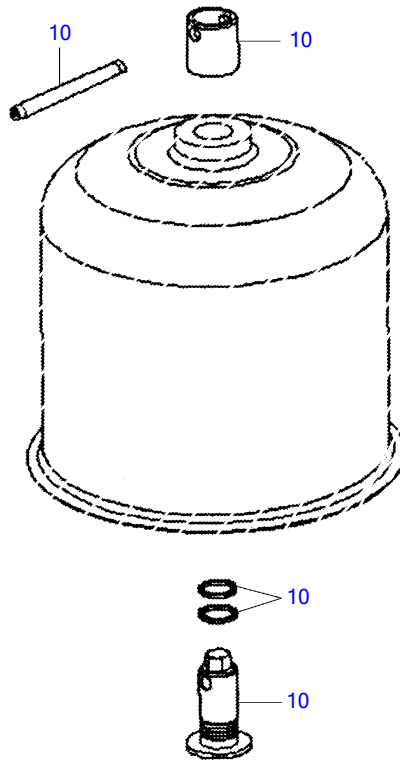


POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
5	23540299	BODY ASM CENTRIFUGAL SPINNER OIL FLTR	1	PC	5,750 KG
10	8691840027	ROTOR COMPLETE	1	PC	3,300 KG
15	8691840028	COVER	1	PC	2,500 KG
20	8691840019	VALVE	1	PC	240 G
25	23540304	GASKET KIT	1	PC	82,200 G
50	XP52499100226	V-BAND CLAMP	1	PC	1,100 KG



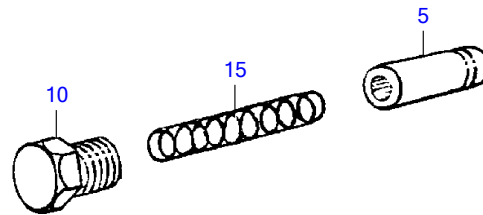
K183 K00005

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT
5	5241871136	NOZZLE ROTOR ASM CNTRIFSPINNER FLTR	1	PC	3 G	
10	5241870018	TUBE ASM	1	PC	832 G	
15	5241870601	STAND TUBE ROTOR ASM CNTRIFSPINNER FLTR	1	PC	271 G	
20	5241870033	CIRCLIP	1	PC	6,400 G	
25	5241870074	PIN	1	PC	3 G	
30	5241870072	NUT ROTOR COVER CENTRIFUGAL SPINNER FLTR	1	PC	186 G	
35	8591840001	PAPER PACK CENTRIFUGAL SPINNER FILTER	1	PC	13,700 G	1 ST. GLEICH 1 PAPIERSTREIFEN
40	5241870147	PLATE	1	PC	207 G	



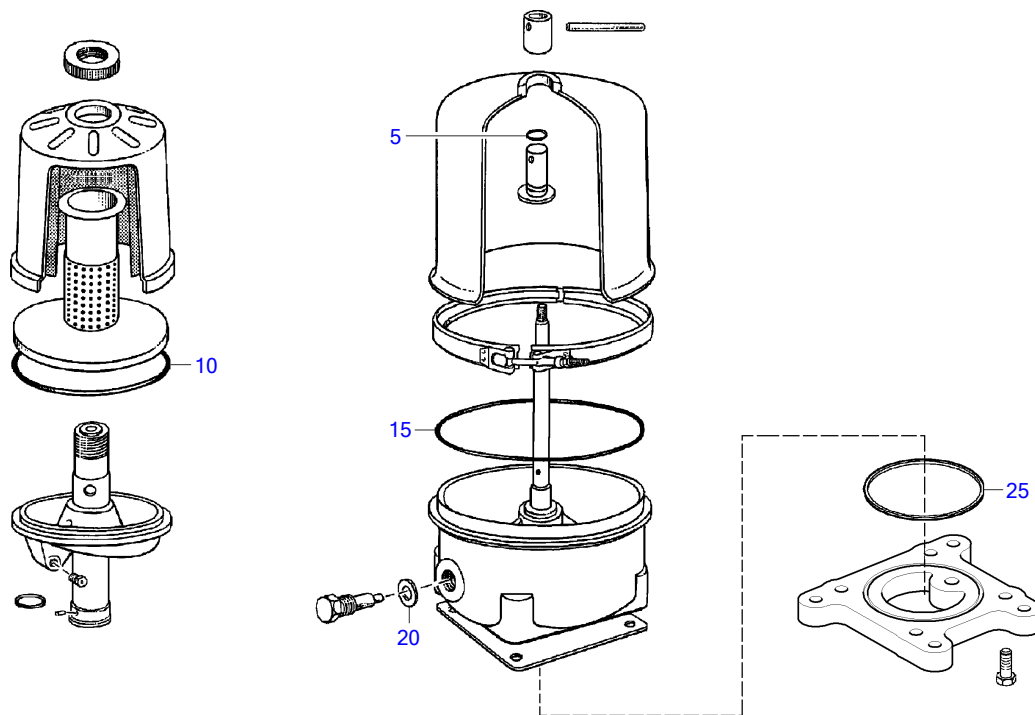
18300801a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
10	8691840031	COVER FIXING KIT	1	PC	240 G



K183 K00004

POS.	DESIGNATION	QTY.	UNITS	FN
5	VALVE PISTON	1	PC	KE
10	PLUG	1	PC	KE
15	PRESSURE SPRING	1	PC	KE



18300932a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
5	8699970274	SEALING RING	2	PC	0,800 G		MMN429
10	8699970273	SEALING RING	1	PC	22 G	145,42 X 5,34	MMN429
15	8699970272	SEALING RING	1	PC	28,800 G	196,22 X 5,34	MMN429
20	8699970287	SEALING RING	1	PC	2,370 G		
25	700429122001	O-RING	2	PC	9 G	122 X 3,75	MMN429

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S

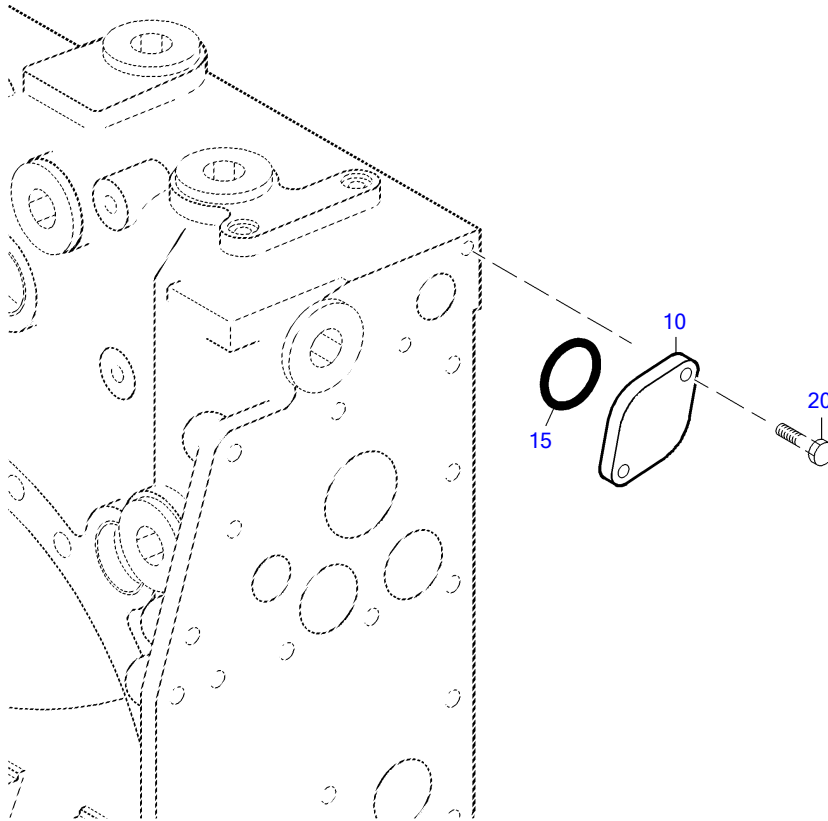
SERIAL NUMBER: 527110276

OIL. DISTR. HOUSING

FG/FGS: 183 15

BOM-No.: X59518300010

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	X59318300023	OIL. DISTR. HOUSING		1	PC			
100	007603038101	COPPER SEALING RING		6	PC	5,400 G	A 38 X 44	DIN7603
150	007603030101	COPPER SEALING RING		3	PC		A 30 X 36	DIN7603
200	000908038000	THREAD PLUG		6	PC	150,800 KG	M 38 X 1,5	DIN908
250	000908030002	THREAD PLUG		3	PC	85,500 KG	M 30 X 1,5	DIN908
350	007603056100	SEALING RING		2	PC	13,500 G	A 56 X 64	DIN7603
400	000908056000	PLUG		2	PC	368 KG	M 56 X 2	DIN908
450	5249970020	SEALING CAP		4	PC		D 50	
500	5370160233	SEALING CAP		1	PC		D 40	
600	X59520300010	RESTRICTOR	16V4000	1	PC	186 G	M52-1.5X15 W/24MM OPENING	
700	5242031552	RESTRICTOR	4000	1	PC	0,215 KG		
750	735210014000	THREAD PLUG		1	PC	19,100 KG	M 14 X 1,5	MTN5210
800	X54799100050	RESTRICTOR		1	PC	40 G		



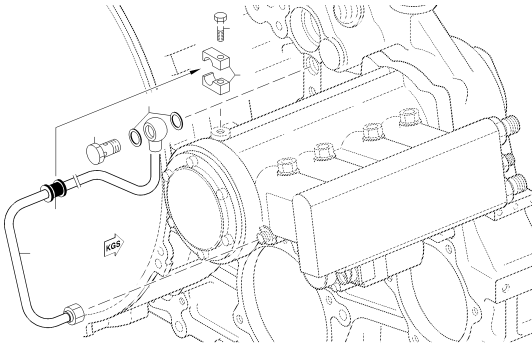
18000054a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	5281840509	COVER WATER DISTRIBUTION HOUSING	BR 4000	1	PC	315,300 G		
15	700429042002	O-RING		1	PC	4,010 G	42 X 4	MMN429
20	304017008081	HEX BOLT		2	PC	13,500 G	M 8 X 25	ISO4017

GROUP NUMBER (FG)

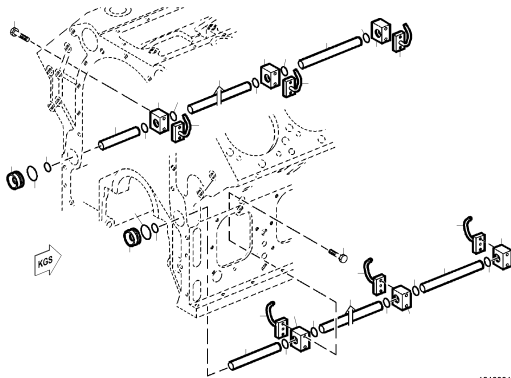
GROUP NAME

BOM-No.



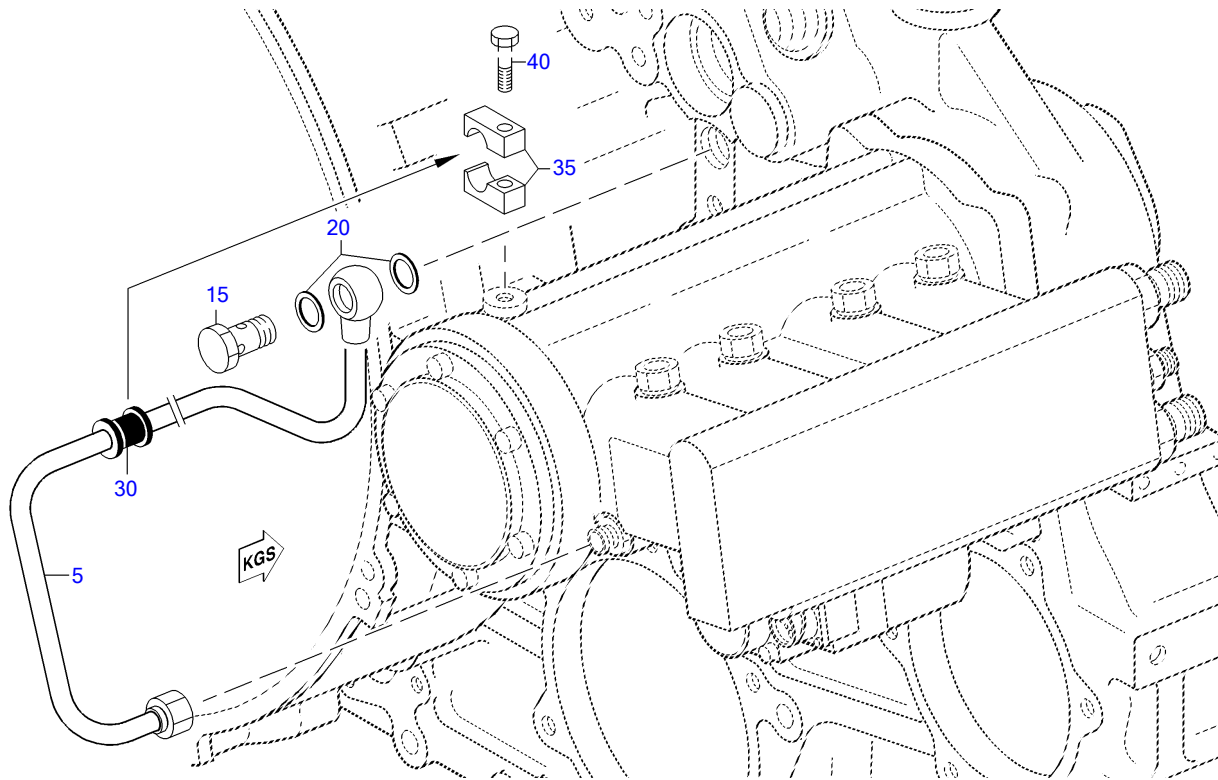
OIL SUPPLY FOR HP PUMP
180.00150

18300099a



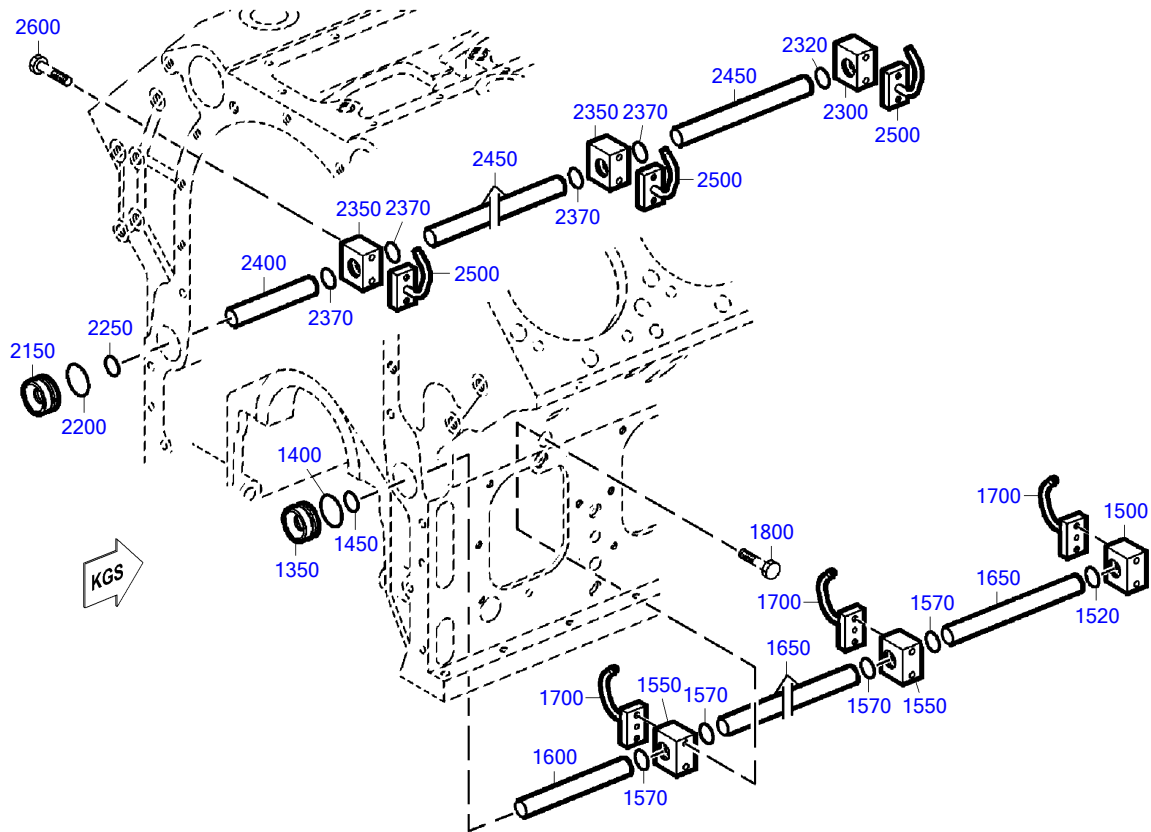
OIL SYSTEM BASIC SCOPE
X00019302

18400047c



18300099a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
5	5281800319	TUBE HIGH PRESS FUEL PUMP LUBE OIL	1	PC			
15	700223010000	BOLT BANJO A12	1	PC	64 G	A 12	MMN223
20	007603018101	COPPER SEALING RING	2	PC	1,300 G	A 18 X 22	DIN7603
30	700327012000	GROMMET	1	PC	4,600 G	12	MMN327
35	700325018100	CLAMP HALF TUBE 1/1 D9-18	2	PC	40 G	1/1 D 9 - 18	MMN325
40	304017008085	BOLT HEX	1	PC	18 G	M 8 X 40	ISO4017



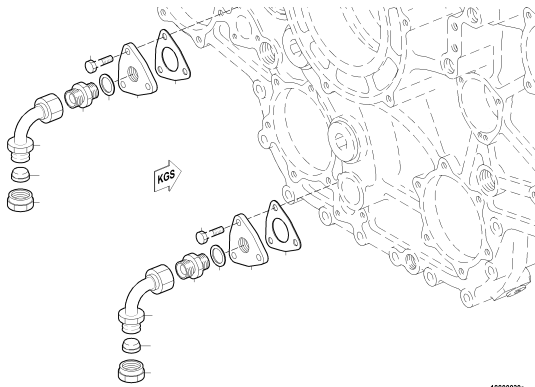
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POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
1350	5241870276	RETAINER O-RING	1	PC				
1400	700429041000	O-RING	1	PC	3,950 G		41 X 4	MMN429
1450	700429024002	O-RING	1	PC	2,500 G		24 X 4	MMN429
1500	X52418400002	RETAINER	1	PC	170 G			
1520	700429024002	O-RING	1	PC	2,500 G		24 X 4	MMN429
1550	X52418400001	RETAINER	7	PC	170 G			
1570	700429024002	O-RING	14	PC	2,500 G		24 X 4	MMN429
1600	5241870401	TUBE D	1	PC	156 G			
1650	5241870101	TUBE D	7	PC				
1700	X59418400008	OIL SPRAY NOZZLE	8	PC	249 G	EM		
1800	304014008032	BOLT HEX A3C S2000/4000	16	PC	35 G		M 8 X 80	ISO4014
2150	5241870276	RETAINER O-RING	1	PC				
2200	700429041000	O-RING	1	PC	3,950 G		41 X 4	MMN429
2250	700429024002	O-RING	1	PC	2,500 G		24 X 4	MMN429
2300	X52418400002	RETAINER	1	PC	170 G			
2320	700429024002	O-RING	1	PC	2,500 G		24 X 4	MMN429
2350	X52418400001	RETAINER	7	PC	170 G			
2370	700429024002	O-RING	14	PC	2,500 G		24 X 4	MMN429
2400	5241870201	TUBE D	1	PC				
2450	5241870101	TUBE D	7	PC				
2500	X59418400008	OIL SPRAY NOZZLE	8	PC	249 G	EM		
2600	304014008032	BOLT HEX A3C S2000/4000	16	PC	35 G		M 8 X 80	ISO4014

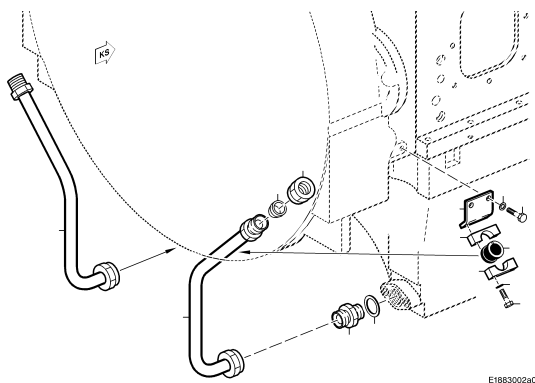
GROUP NUMBER (FG)

GROUP NAME

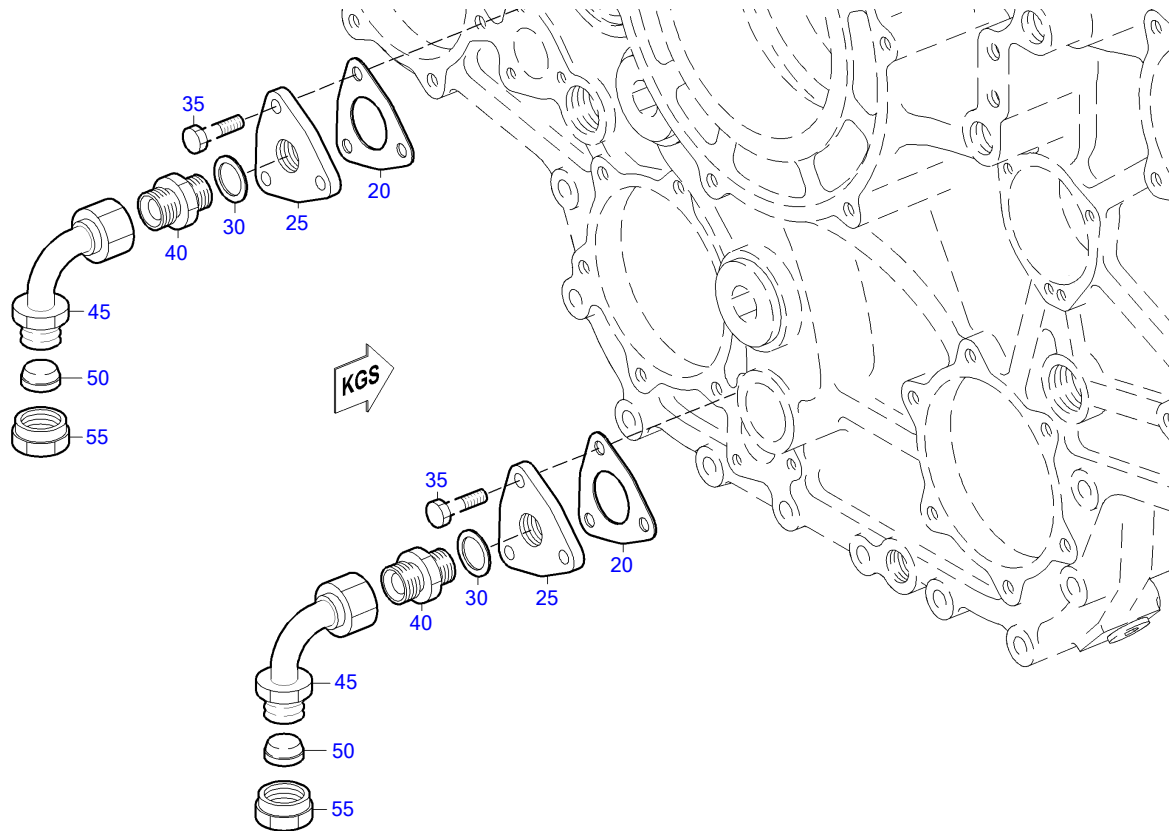
BOM-No.



CONNECTIONS FOR OIL PRIMING PPS
180.00038

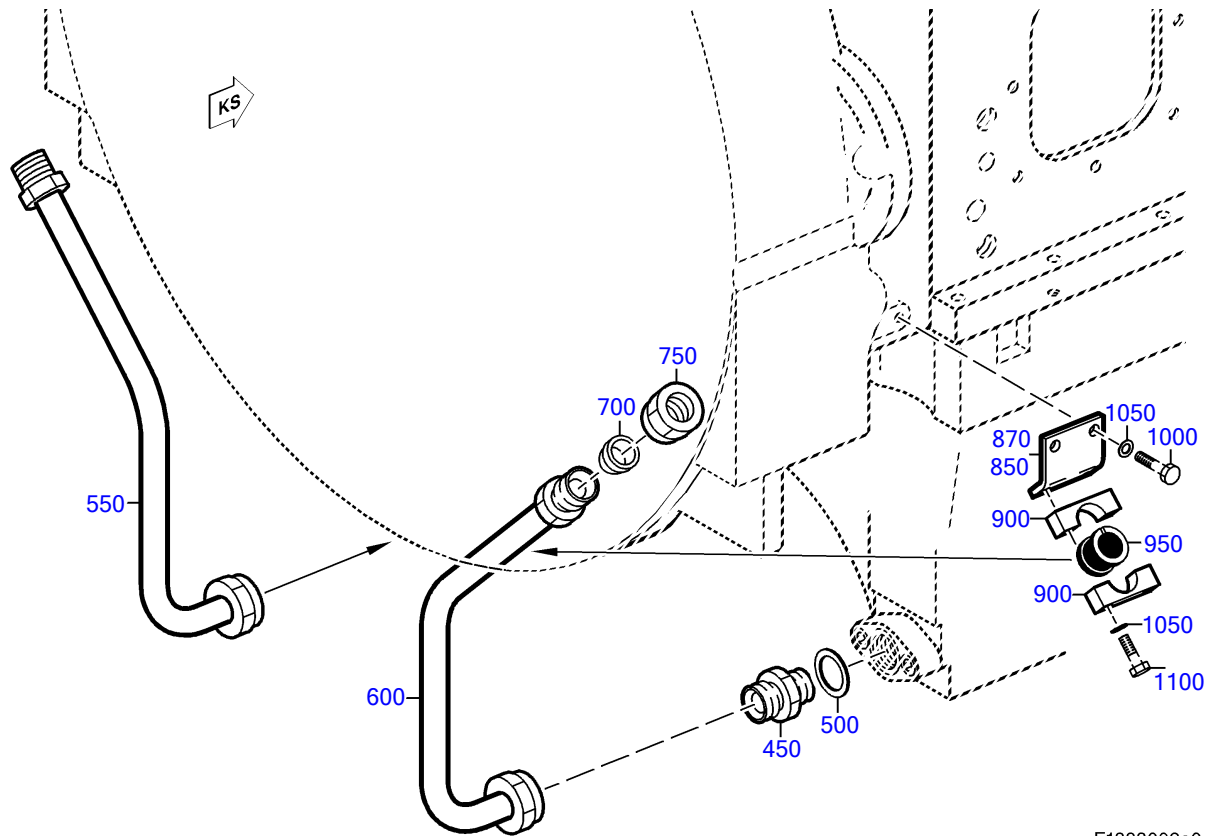


OIL EXTRACTION
XS594180.00018



18800030a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
20	5241880180	GASKET		2	PC	6,100 G	1X120X120	
25	5241880702	COVER	BR4000M	2	PC	354,200 G		
30	007603026104	COPPER SEALING RING		2	PC	3,100 G	A 26 X 31	DIN7603
35	00000003021	HEX SCREW		6	PC	23,700 G	M 10 X 25	ISO4017
40	915013020002	SCREW NECK		2	PC	67,500 G	20 (M30X1,5/M26X1,5)	N15013
45	700160000020	ELBOW 90 DEG KR 20		2	PC	210 G	KR 20	MMN160
50	915005020001	CONE SEALING		2	PC	15,400 G	22	MBN15005
55	915001020003	NUT		2	PC	48 G	20 M 30 X 1,5	N15001



E1883002a0

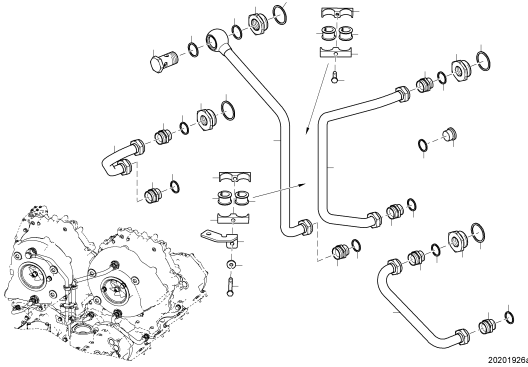
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
450	915013025001	UNION	2	PC	101,900 G		25	N15013
500	007603030101	COPPER SEALING RING	2	PC			A 30 X 36	DIN7603
550	5241800821	OIL LINE	1	PC		SB		
600	5241800721	OIL LINE	1	PC		SB		
700	915005020001	CONE SEALING	2	PC	15,400 G		22	MBN15005
750	915001020003	NUT	2	PC	48 G		20 M 30 X 1,5	N15001
850	X59618400003	RETAINER	1	PC				
870	X59618400003	RETAINER	1	PC				
900	700325028101	CLAMP HALF TUBE 1/2 D9-28	4	PC	75 G		1/2 D 9 - 28	MMN325
950	700327022000	GROMMET	2	PC	9 G		22	MMN327
1000	204017008011	HEX SCREW	4	PC	12,200 G		M 8 X 22	ISO4017
1050	735151008100	SPACER	4	PC	7,700 G		A 8,4	MTN5151
1100	304017008086	BOLT HEX A3C	4	PC	19,400 G		M 8 X 45	ISO4017

GROUP NUMBER (FG)
GROUP NAME
BOM-No.

THERMOSTAT HOUSING W/EXTERNAL COOLING
XS595200.00059

COOLANT VENT FOR EXTERNAL COOLIN
XS595200.00070

COOLANT DUCTING F/TURBOCHARGER
XS595200.00073



PREHEATER
XS595200.00107

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
120	X59320600011	THERMOSTAT HOUSING		1	PC	18,600 KG			
200	700429065000	O-RING		1	PC	5,910 G		65 X 4	MMN429
250	0052031875	THERMAL ACTUATOR		4	PC	174,800 G	EM		
300	05132155	SEALING RING		4	PC	18,500 G			
400	000125010524	WASHER		4	PC	3,100 G		A 10,5	DIN125
450	000000001076	BOLT A3C		2	PC	45 G		M 10 X 70	ISO4017
500	204014010007	HEX SCREW		2	PC			M 10 X110	ISO4014
550	X59320600008	CONNECTING FLANGE ON THERMOST. HOUSIN		1	PC	10,560 KG			
700	X59320200120	RESTRICTOR	M56X1,5/ID33	1	PC				
750	700429080001	O-RING		2	PC	5,962 G		80 X 5	MMN429
800	000908014001	THREAD PLUG		1	PC	16,100 KG		M 14 X 1,5	DIN908
850	007603014102	COPPER SEALING RING		1	PC	1 G		A 14 X 18	DIN7603
900	204014010033	HEX SCREW		2	PC	88 G		M 10 X135	ISO4014
950	204017010021	BOLT A3C		2	PC	33,200 G		M 10 X 45	ISO4017
1000	000125010524	WASHER		4	PC	3,100 G		A 10,5	DIN125
1100	X59320200086	ELBOW TO COOLANT COOLER		1	PC	13,030 KG			
1150	700429083000	O-RING		1	PC			83 X 5	MMN429
1200	000000001465	BOLT HEX A3C		1	PC	84 G		M 10 X120	ISO4014
1250	5599900040	SPACER S2000/S4000		1	PC	15,816 G			
1300	000000001465	BOLT HEX A3C		1	PC	84 G		M 10 X120	ISO4014
1350	735151010101	SPACER A10.5 A3C		1	PC	11,340 G		A 10,5	MTN5151
1400	X52420200024	RETAINER		1	PC	2,507 KG			
1450	000000003021	HEX SCREW		2	PC	23,700 G		M 10 X 25	ISO4017
1500	000125010524	WASHER		2	PC	3,100 G		A 10,5	DIN125
1540	000000003925	BOLT A3C		2	PC			M 12 X 30	ISO4017
1560	007349013002	WASHER		2	PC	22,600 G	MN 13		DIN7349
1600	700429083000	O-RING		1	PC			83 X 5	MMN429
1640	000125010524	WASHER		2	PC	3,100 G		A 10,5	DIN125
1650	X59320200089	COOLANT ELBOW F/COOLANT COOLER		1	PC	8,720 KG			
1750	000000003326	HEX SCREW		2	PC	28,180 G		M 10 X 35	ISO4017
1800	X59320200117	RETAINER		1	PC	1,440 KG			
1850	5511531550	SPACER BUSHING		3	PC	17 G			
1900	000000001464	BOLT HEX A3C		4	PC	25 G		M 10 X 30	ISO4017
1930	000000003187	NUT HEX A3C		1	PC			M 10	ISO4032
1935	007349010001	WASHER		2	PC	10,900 G		10,5	DIN7349
2050	X59620600001	PLUG-IN PIPE		2	PC	2,771 KG			
2100	X52820300003	FLANGE		2	PC	765 G			
2150	000000001042	BOLT HEX A3C		4	PC	35 G		M 10 X 50	ISO4017
2200	700429083000	O-RING		2	PC			83 X 5	MMN429
2250	700429075001	O-RING		4	PC	10,900 G		75 X 5	MMN429
2350	5242030139	FLANGE		1	PC				
2400	700429100000	O-RING		1	PC	14,095 G		100 X 5	MMN429
2450	204017010021	BOLT A3C		2	PC	33,200 G		M 10 X 45	ISO4017
2500	000125010524	WASHER		2	PC	3,100 G		A 10,5	DIN125
2550	X52820600002	PLUG-IN PIPE		1	PC	715 G			
2600	700429085002	O-RING		2	PC	17,640 G		85 X 6	MMN429
3000	X00029114	COOLANT ELBOW		1	PC	4,404 KG			
3050	700429100000	O-RING		1	PC	14,095 G		100 X 5	MMN429
3100	000000001039	BOLT HEX A3C		2	PC	29,800 G		M 10 X 40	ISO4017
3150	000125010524	WASHER		2	PC	3,100 G		A 10,5	DIN125
3250	X59320300020	FLANGE		1	PC	1,300 KG			
3300	700429100000	O-RING		2	PC	14,095 G		100 X 5	MMN429
3350	007349010001	WASHER		2	PC	10,900 G		10,5	DIN7349
3400	204017010021	BOLT A3C		2	PC	33,200 G		M 10 X 45	ISO4017

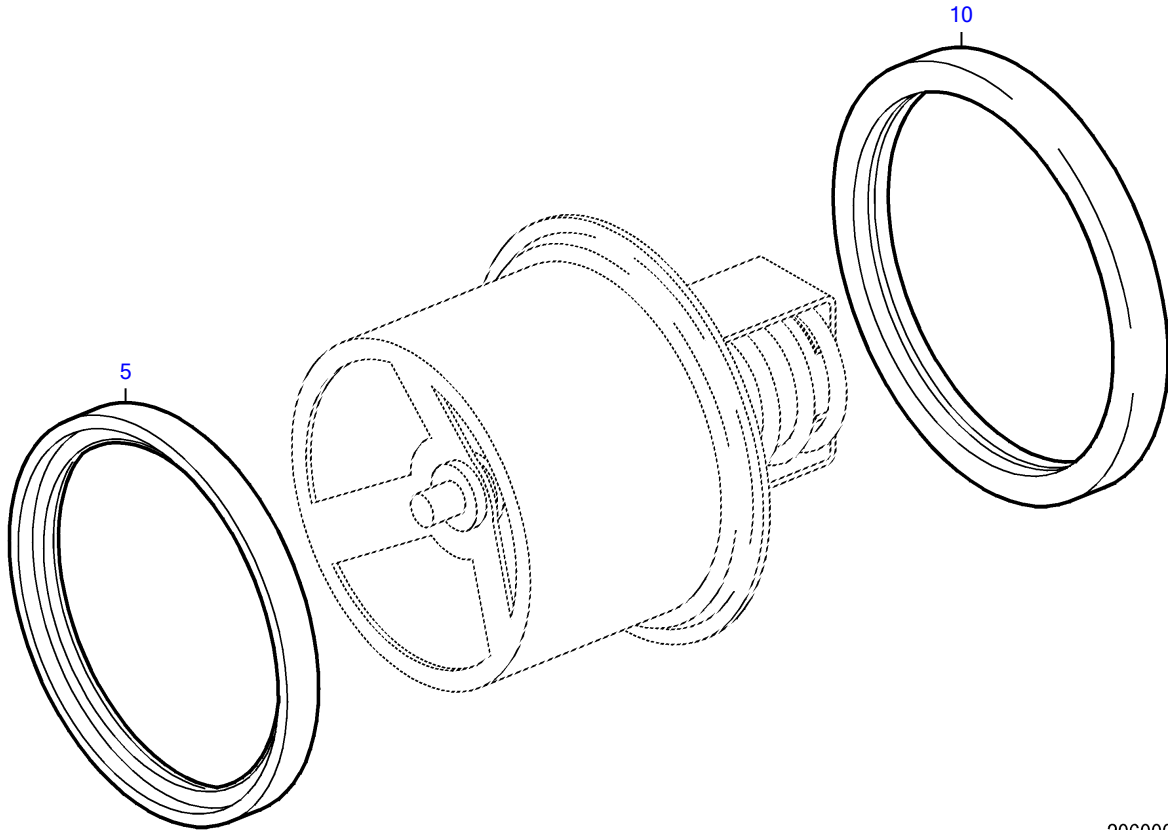
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
THERMOSTAT HOUSING W/EXTERNAL COOLING

SERIAL NUMBER: 527110276

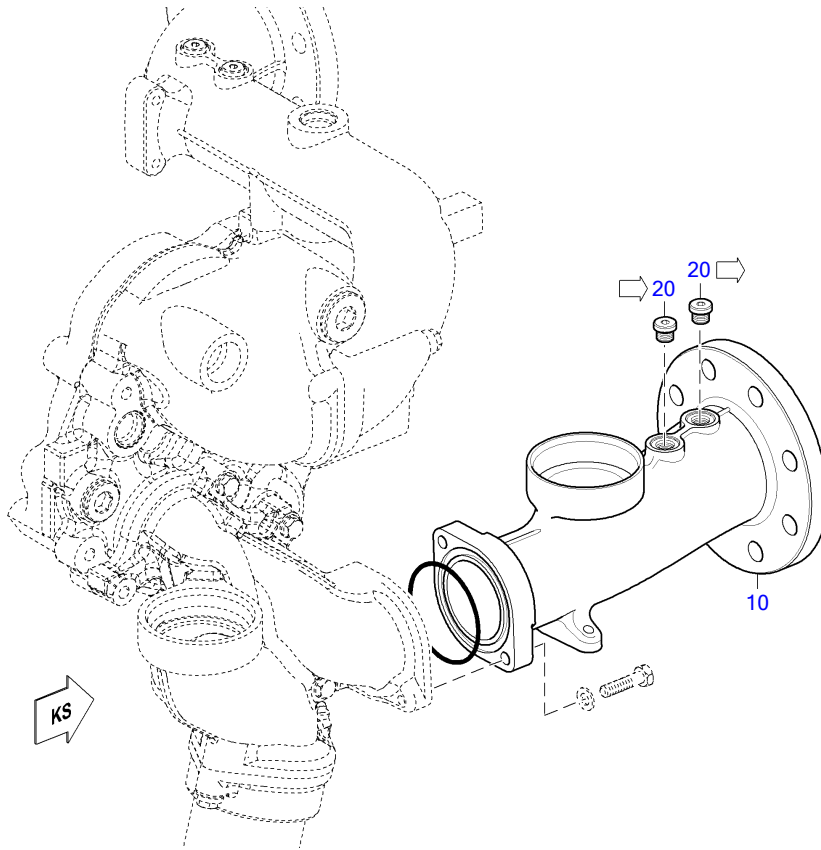
FG/FGS: 200 00
BOM-No.: XS595200.00059

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
3450	X52820600003	PLUG-IN PIPE		1	PC	1,864 KG			
3500	700429085002	O-RING		2	PC	17,640 G		85 X 6	MMN429
3550	5242030139	FLANGE		1	PC				
3700	007349010001	WASHER		1	PC	10,900 G		10,5	DIN7349
3750	204017010021	BOLT A3C		1	PC	33,200 G		M 10 X 45	ISO4017



20600038a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT
5	0002034480	RING SEALING	1	PC	20 G	57,76X67,5X6,4
10	8692030147	GASKET	1	PC	5 G	VITON



20600518

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	X59320200090	ELBOW F/COOLANT COOLER	1	PC		EM		
20	735210014000	THREAD PLUG	2	PC	19,100 KG		M 14 X 1,5	MTN5210

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
THERMOSTAT HOUSING

SERIAL NUMBER: 527110276

FG/FGS:

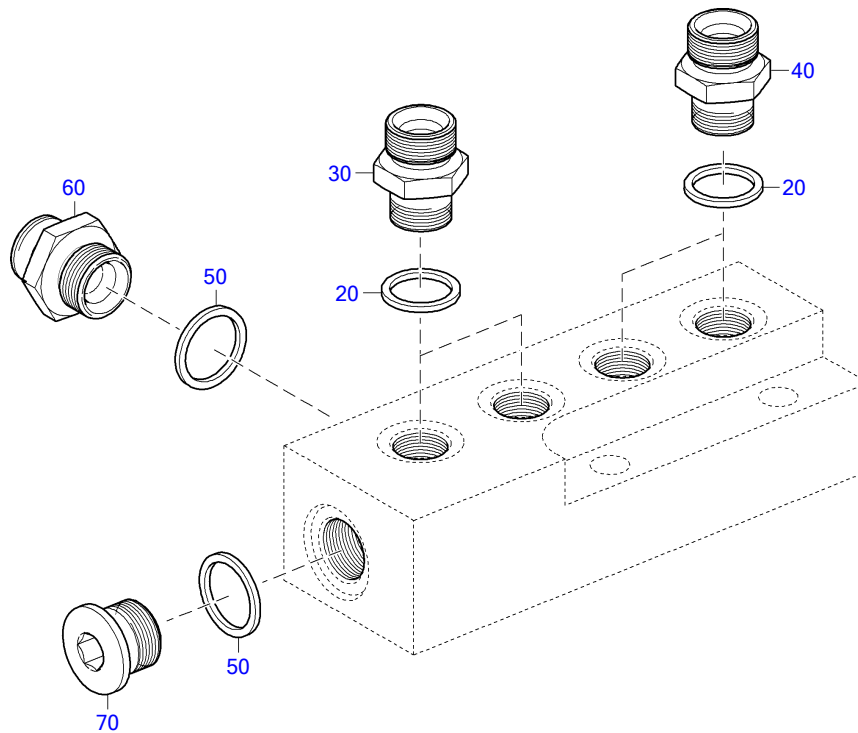
BOM-No.: X59320600011

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
100	X59320600010	THERMOSTAT HOUSING	1	PC	25 KG		
200	5370160233	SEALING CAP	2	PC		D 40	
300	5550160233	SEALING CAP EXH MANIF	2	PC	23,170 G		
400	007603030101	COPPER SEALING RING	1	PC		A 30 X 36	DIN7603
500	000908030002	THREAD PLUG	1	PC	85,500 KG	M 30 X 1,5	DIN908
600	007603038101	COPPER SEALING RING	2	PC	5,400 G	A 38 X 44	DIN7603
700	000908038000	THREAD PLUG	2	PC	150,800 KG	M 38 X 1,5	DIN908

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
250	007603014102	COPPER SEALING RING		4	PC	1 G		A 14 X 18	DIN7603
300	915006006000	UNION		4	PC	22,900 G		6	N15006
350	5282000258	TUBE BREATHER VENT	20V400LH	1	PC	54,600 G			
400	5569970574	FITTING TEE		1	PC	49,300 G		DN 6 / M14X1,5	
450	X52620200105	VENT LINE		1	PC	78,100 G	SB EM		
500	5569970574	FITTING TEE		1	PC	49,300 G		DN 6 / M14X1,5	
550	5282000658	TUBE BREATHER VENT	20V400LH	1	PC	47,900 G			
600	X59520200042	VENT LINE		1	PC	0,100 KG	SB EM		
650	X59520200048	VENT LINE		1	PC		SB EM		
750	5559920101	BUSHING		6	PC	17,320 G			
800	700325012111	CLAMP HALF TUBE 1/1 D11-12		12	PC	23 G		1/1 D11 - 12	MMN325
850	700327008000	GROMMET		6	PC	2,300 G		8	MMN327
900	000000004745	HEX SCREW		6	PC	43 G		M 10 X 65	ISO4017
950	5569970574	FITTING TEE		1	PC	49,300 G		DN 6 / M14X1,5	
1000	5282000658	TUBE BREATHER VENT	20V400LH	1	PC	47,900 G			
1050	5282000458	VENT LINE FOR COOLANT	20V400LH	1	PC	104,200 G			
1100	X52720200081	VENT LINE		2	PC		SB EM		
1200	5559920101	BUSHING		6	PC	17,320 G			
1220	735151010100	SPACER		6	PC	11 G		A 10,5	MTN5151
1250	700325015110	CLAMP HALF TUBE 1/1 D11-15		24	PC	30,570 G		1/1 D11 - 15	MMN325
1300	700327010000	GROMMET		12	PC	3,650 G		10	MMN327
1350	000000003922	HEX SCREW		6	PC	68,700 G		M 10 X100	ISO4014
1400	X59420200113	VENT LINE		1	PC				
1410	5559920101	BUSHING		1	PC	17,320 G			
1420	700325015110	CLAMP HALF TUBE 1/1 D11-15		2	PC	30,570 G		1/1 D11 - 15	MMN325
1430	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
1440	000000004745	HEX SCREW		1	PC	43 G		M 10 X 65	ISO4017
1450	X59520200134	VENT LINE		1	PC	190 G	SB		
1470	007603014102	COPPER SEALING RING		4	PC	1 G		A 14 X 18	DIN7603
1480	735214010000	UNION		2	PC	30,900 G		10	MTN5214
1490	700223006000	BOLT BANJO A8 S2000/4000		2	PC	38,800 G		A 8	MMN223
1500	X59520200132	VENT LINE		1	PC	231 G	SB		
1510	007603014102	COPPER SEALING RING		1	PC	1 G		A 14 X 18	DIN7603
1520	X59699100050	UNION	BR 4000	1	PC			BLENDE Ø1MM	
1530	X59420200198	VENT LINE		1	PC	60 G	SB		
1555	X52899100028	NIPPLE		1	PC	49 G			
1570	700325015100	CLAMP HALF TUBE 1/1 D9-15		10	PC	34,030 G		1/1 D 9 - 15	MMN325
1600	700327010000	GROMMET		5	PC	3,650 G		10	MMN327
1650	304017008084	BOLT HEX A3C		1	PC	16,565 G		M 8 X 35	ISO4017
1660	304017008089	BOLT HEX A3C		2	PC	25 G		M 8 X 60	ISO4017
1750	5241872240	BRACKET 40X6 M12 UNTHD+M8 THD BOLT HOLE	BR 4000	1	PC				
1800	000000003924	BOLT A3C		1	PC	32,400 G		M 12 X 25	ISO4017
1850	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34,030 G		1/1 D 9 - 15	MMN325
1900	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
1950	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
2050	007603018101	COPPER SEALING RING		1	PC	1,300 G		A 18 X 22	DIN7603
2100	915006010002	UNION		1	PC			10	N15006
2150	X59520200057	VENT LINE		1	PC	0,259 KG			
2300	5241872240	BRACKET 40X6 M12 UNTHD+M8 THD BOLT HOLE	BR 4000	2	PC				
2450	700325015100	CLAMP HALF TUBE 1/1 D9-15		4	PC	34,030 G		1/1 D 9 - 15	MMN325
2500	700327010000	GROMMET		2	PC	3,650 G		10	MMN327
2550	304017008083	BOLT HEX A3C		2	PC	15 G		M 8 X 30	ISO4017
2650	X52899100028	NIPPLE		1	PC	49 G			

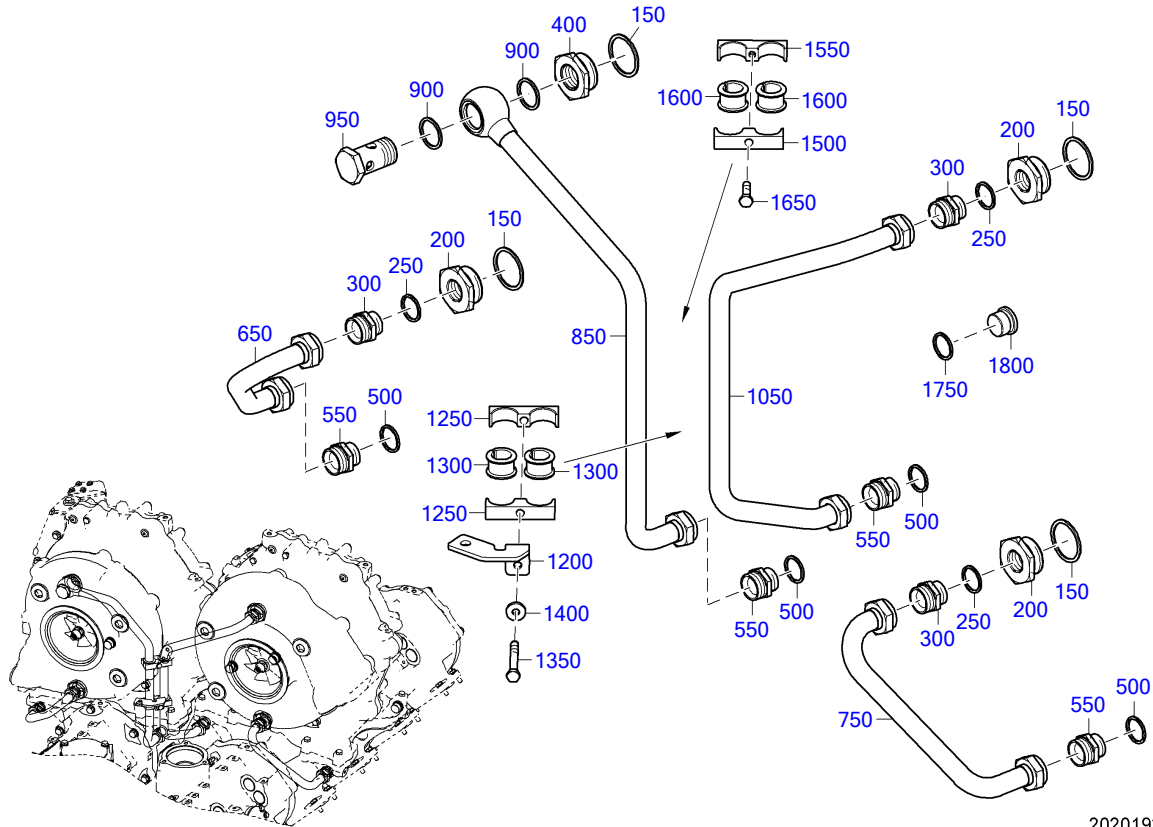
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
2660	X59520200139	VENT LINE		1	PC		SB		
2670	X59420200175	VENT LINE		1	PC	200 G	SB		
2690	5559920101	BUSHING		1	PC	17,320 G			
2700	700325012111	CLAMP HALF TUBE 1/1 D11-12		2	PC	23 G		1/1 D11 - 12	MMN325
2710	700327008000	GROMMET		1	PC	2,300 G		8	MMN327
2720	700325015110	CLAMP HALF TUBE 1/1 D11-15		2	PC	30,570 G		1/1 D11 - 15	MMN325
2730	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
2740	000000003322	BOLT HEX A3C		1	PC	66 G		M 10 X 90	ISO4014
2750	X59420200083	VENT LINE		1	PC		SB		
2770	X59599100079	RETAINER		1	PC	196 G			
2772	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
2774	204017008009	BOLT		1	PC	11 G		M 8 X 18	ISO4017
2780	700325012104	CLAMP HALF TUBE 2/1 D9-12		2	PC	33,800 G		2/1 D 9 - 12	MMN325
2790	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34,030 G		1/1 D 9 - 15	MMN325
2800	700327008000	GROMMET		2	PC	2,300 G		8	MMN327
2810	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
2820	304017008083	BOLT HEX A3C		2	PC	15 G		M 8 X 30	ISO4017
2840	007603014102	COPPER SEALING RING		1	PC	1 G		A 14 X 18	DIN7603
2850	915006006000	UNION		1	PC	22,900 G		6	N15006
2870	007603014102	COPPER SEALING RING		1	PC	1 G		A 14 X 18	DIN7603
2880	915006006000	UNION		1	PC	22,900 G		6	N15006
2890	X59520200052	VENT LINE		1	PC		SB		
2910	5621870540	BRACKET FLAT H:50		1	PC	49 G			
2920	700325012100	CLAMP HALF TUBE 1/1 D9-12		2	PC	25 G		1/1 D 9 - 12	MMN325
2930	700327008000	GROMMET		1	PC	2,300 G		8	MMN327
2940	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
2950	304017008077	BOLT HEX A3C S2000/4000		1	PC	10 G		M 8 X 16	ISO4017
3000	X59599100072	RETAINER		1	PC				
3020	304032008014	NUT HEX 8 A3C		2	PC	4,800 G		M 8	ISO4032
3030	304017008083	BOLT HEX A3C		2	PC	15 G		M 8 X 30	ISO4017
3040	007349008002	WASHER		4	PC	8,300 G		8,4	DIN7349
3044	X59420200260	SUPPORT		1	PC	18 KG			
3046	735151010100	SPACER		4	PC	11 G		A 10,5	MTN5151
3048	000000004745	HEX SCREW		4	PC	43 G		M 10 X 65	ISO4017
3060	X59520300015	DISTRIBUTOR	16V-AS_BH-RED_FREMDK	1	PC	2,180 KG			
3070	204017008028	HEX SCREW		2	PC	23,400 G		M 8 X 55	ISO4017
3220	X59520200126	VENT LINE		1	PC	120 G	SB		
3250	X59420200022	VENT LINE		1	PC	110 G	SB		
3755	X59599100068	RETAINER		1	PC	183 G			
3760	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34,030 G		1/1 D 9 - 15	MMN325
3765	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
3770	304017008086	BOLT HEX A3C		1	PC	19,400 G		M 8 X 45	ISO4017
3775	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
3780	304032008014	NUT HEX 8 A3C		1	PC	4,800 G		M 8	ISO4032
3785	304017008081	HEX BOLT		2	PC	13,500 G		M 8 X 25	ISO4017
3790	007349008002	WASHER		2	PC	8,300 G		8,4	DIN7349
3795	304032008014	NUT HEX 8 A3C		2	PC	4,800 G		M 8	ISO4032
4600	700325012100	CLAMP HALF TUBE 1/1 D9-12		2	PC	25 G		1/1 D 9 - 12	MMN325
4650	700327008000	GROMMET		1	PC	2,300 G		8	MMN327
4800	700325012104	CLAMP HALF TUBE 2/1 D9-12		1	PC	33,800 G		2/1 D 9 - 12	MMN325
4850	700325012202	CLAMP HALF TUBE 2/1 G8-12		1	PC	34,800 G		2/1 G 8 - 12	MMN325
4900	700327008000	GROMMET		2	PC	2,300 G		8	MMN327
4950	304017008086	BOLT HEX A3C		1	PC	19,400 G		M 8 X 45	ISO4017
5050	007603012111	COPPER SEALING RING		1	PC	0,700 G		A 12 X 15,5	DIN7603

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
5100	915013006002	UNION		1	PC	19,600 G		6	N15013
5150	700160000006	ELBOW 90 DEG KR 6		1	PC			KR 6	MMN160
5200	735038006103	HOSE		1	PC	196,500 G		1SN 6 CC 500	MTN5038
5400	X59599100066	RETAINER		1	PC	65 G			
5450	204017012004	HEX SCREW		2	PC	29,600 G		M 12 X 20	ISO4017
5500	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34,030 G		1/1 D 9 - 15	MMN325
5550	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
5600	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
5650	X59520200124	VENT LINE		1	PC	130 G	SB		
5750	X59499100118	RETAINER		1	PC	768 G			
5800	000000003020	BOLT HEX A3C		2	PC	20,010 G		M 10 X 20	ISO4017
5900	X59420200182	DISTRIBUTOR		1	PC	1,580 KG			
5950	000912008022	SCREW		2	PC	18 G		M 8 X 35	DIN912
6050	X59520200123	VENT LINE		1	PC	93 G	SB		
6200	007603012102	WASHER A COP		1	PC	0,800 G		A 12 X 16	DIN7603
6250	915007008003	CONNECTOR 8/4		1	PC	27 G		8 / 4 (M16X1,5/M12X1,5)	N15007
6300	X59420200178	VENT LINE		1	PC	178 G	SB		
6350	X59499100119	RETAINER		1	PC	237 G			
6400	000000003020	BOLT HEX A3C		1	PC	20,010 G		M 10 X 20	ISO4017
6450	700325015104	CLAMP HALF TUBE 2/1 D9-15		2	PC	47 G		2/1 D 9 - 15	MMN325
6500	700327010000	GROMMET		2	PC	3,650 G		10	MMN327
6550	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
6650	007603012102	WASHER A COP		1	PC	0,800 G		A 12 X 16	DIN7603
6700	915007008003	CONNECTOR 8/4		1	PC	27 G		8 / 4 (M16X1,5/M12X1,5)	N15007
6750	X59420200179	VENT LINE		1	PC	182 G	SB		
6900	007603030101	COPPER SEALING RING		1	PC			A 30 X 36	DIN7603
6950	X00020487	BUSHING THREADED C23		1	PC				
7000	007603022102	COPPER SEALING RING		1	PC	0,900 G		A 22 X 27	DIN7603
7050	915007013000	CONNECTOR 13/8		1	PC	49,200 G		13 / 8 (M22X1,5/M16X1,5)	N15007
7100	X59420200177	VENT LINE		1	PC	224 G	SB		
7200	X59499100120	RETAINER		1	PC	327 G			
7350	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34,030 G		1/1 D 9 - 15	MMN325
7400	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
7420	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
7450	304017008086	BOLT HEX A3C		1	PC	19,400 G		M 8 X 45	ISO4017
7500	304032008014	NUT HEX 8 A3C		1	PC	4,800 G		M 8	ISO4032
7510	007349010002	WASHER		1	PC	11 G		10,5	DIN7349
7520	000000003510	HEX SCREW		1	PC	66 G		M 10 X 90	ISO4014
7600	700325015104	CLAMP HALF TUBE 2/1 D9-15		1	PC	47 G		2/1 D 9 - 15	MMN325
7650	700325015202	CLAMP HALF TUBE 2/1 G8-15		1	PC	49 G		2/1 G 8 - 15	MMN325
7700	700327010000	GROMMET		2	PC	3,650 G		10	MMN327
7750	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
7850	007603030101	COPPER SEALING RING		1	PC			A 30 X 36	DIN7603
7900	X00020487	BUSHING THREADED C23		1	PC				
7950	007603022102	COPPER SEALING RING		1	PC	0,900 G		A 22 X 27	DIN7603
8000	915007013000	CONNECTOR 13/8		1	PC	49,200 G		13 / 8 (M22X1,5/M16X1,5)	N15007
8050	X59420200183	VENT LINE		1	PC	233 G	SB		
8150	5559920101	BUSHING		1	PC	17,320 G			
8200	700325015110	CLAMP HALF TUBE 1/1 D11-15		2	PC	30,570 G		1/1 D11 - 15	MMN325
8250	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
8300	000000001042	BOLT HEX A3C		1	PC	35 G		M 10 X 50	ISO4017
8400	X52899100028	NIPPLE		4	PC	49 G			



20201927a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
20	007603014102	COPPER SEALING RING	4	PC	1 G	A 14 X 18	DIN7603
30	X57518500023	SCREW-FITTING UNION F/TURBO OIL SUPPLY	2	PC	33 G	INNENDURCHMESSER 2MM	
40	X57518500026	SCREW-FITTING UNION F/TURBO OIL SUPPLY	2	PC	0,033 KG	INNENDURCHMESSER 1MM	
50	007603016105	COPPER SEALING RING	2	PC		A 16 X 20	DIN7603
60	915006008002	UNION	1	PC	29,700 G	8	N15006
70	000908016001	THREADED PLUG	1	PC		M 16 X 1,5	DIN908



20201926a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
150	007603042101	COPPER SEALING RING	4	PC	8 G		A 42 X 49	DIN7603
200	X00038983	BUSHING THREADED M42	3	PC	190 G			
250	007603026104	COPPER SEALING RING	3	PC	3,100 G		A 26 X 31	DIN7603
300	915013020002	SCREW NECK	3	PC	67,500 G		20 (M30X1,5/M26X1,5)	N15013
400	X52899100021	THREADED BUSHING	1	PC	157 G			
500	007603026104	COPPER SEALING RING	4	PC	3,100 G		A 26 X 31	DIN7603
550	915013020002	SCREW NECK	4	PC	67,500 G		20 (M30X1,5/M26X1,5)	N15013
650	X59420200115	COOLANT LINE	1	PC				
750	X00004206	TUBE TURBO COOLANT SPLY 344.620	1	PC		SB		
850	X59520200129	COOLANT LINE	1	PC		SB		
900	007603030101	COPPER SEALING RING	2	PC			A 30 X 36	DIN7603
950	700223020000	BOLT BANJO A20	1	PC	207 G		A 22	MMN223
1050	X59520200062	COOLANT LINE	1	PC	0,890 KG			
1200	X59599100070	RETAINER	1	PC	140 G			
1250	700325028102	CLAMP HALF TUBE 2/1 D9-28	2	PC	82 G		2/1 D 9 - 28	MMN325
1300	700327022000	GROMMET	2	PC	9 G		22	MMN327
1350	304014008029	BOLT	1	PC	31 G		M 8 X 70	ISO4014
1400	007349008002	WASHER	1	PC	8,300 G		8,4	DIN7349
1500	700325028102	CLAMP HALF TUBE 2/1 D9-28	1	PC	82 G		2/1 D 9 - 28	MMN325
1550	700325028202	CLAMP HALF TUBE 2/1 G8-28	1	PC	82 G		2/1 G 8 - 28	MMN325
1600	700327022000	GROMMET	2	PC	9 G		22	MMN327
1650	304017008084	BOLT HEX A3C	1	PC	16,565 G		M 8 X 35	ISO4017
1750	007603026104	COPPER SEALING RING	4	PC	3,100 G		A 26 X 31	DIN7603
1800	000908026005	THREAD PLUG	4	PC	69,900 KG		M 26 X 1,5	DIN908

EQUI TYPE: Engine

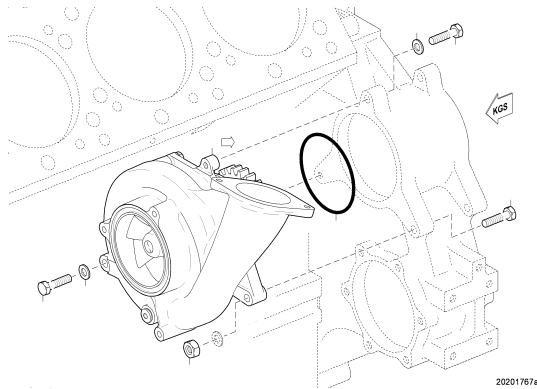
PRODUCT TYPE: 16V4000M23S
PREHEATER

SERIAL NUMBER: 527110276

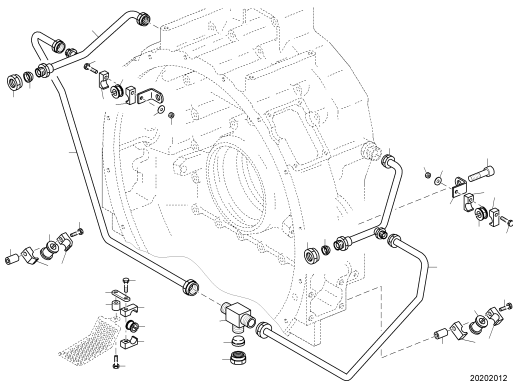
FG/FGS: 200 00
BOM-No.: XS595200.00107

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS
10	X59520200168	PREHEATER	3-PHASIG, 12 KW, 440 V, 60 HZ	1	PC

GROUP NUMBER (FG)
GROUP NAME
BOM-No.

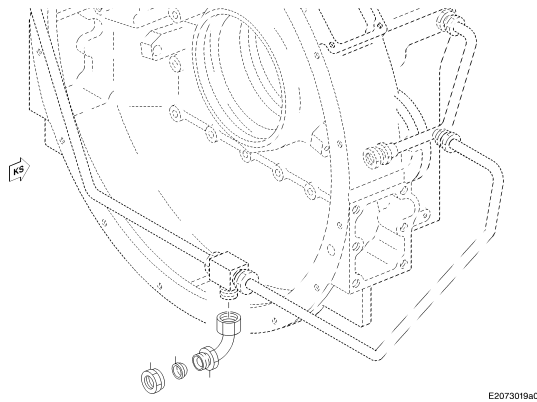


COOLANT PUMP HIGH-TEMP CIRCUIT
XS595200.00014

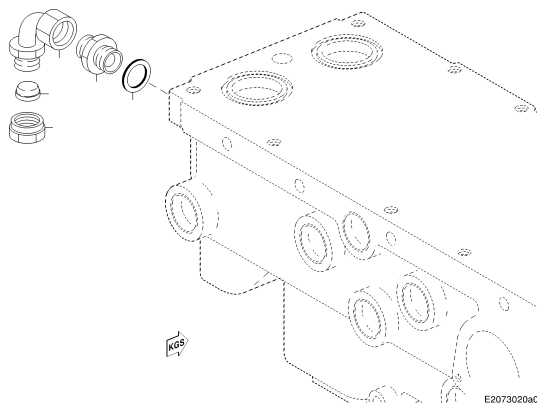


COOLANT LINE ON FLYWHEEL HSNG
XS594200.00064

END COVER FOR COOLANT
XS594990.00059



CONNECTING HARDWARE FOR PREHEATING UNIT
200.00029

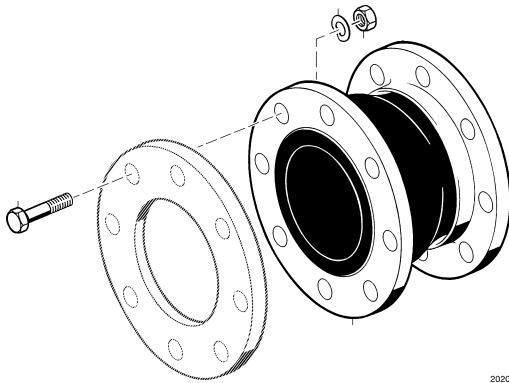


CONNECTING HARDWARE FOR PREHEATING UNIT
200.00030

GROUP NUMBER (FG)

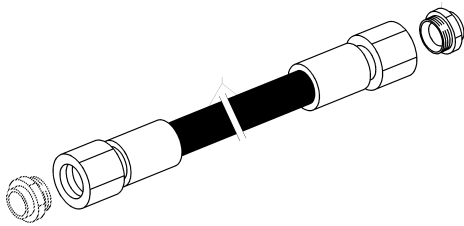
GROUP NAME

BOM-No.



BELLOWS
200.00034

20200039a



HOSE
200.00084

E2023074a0

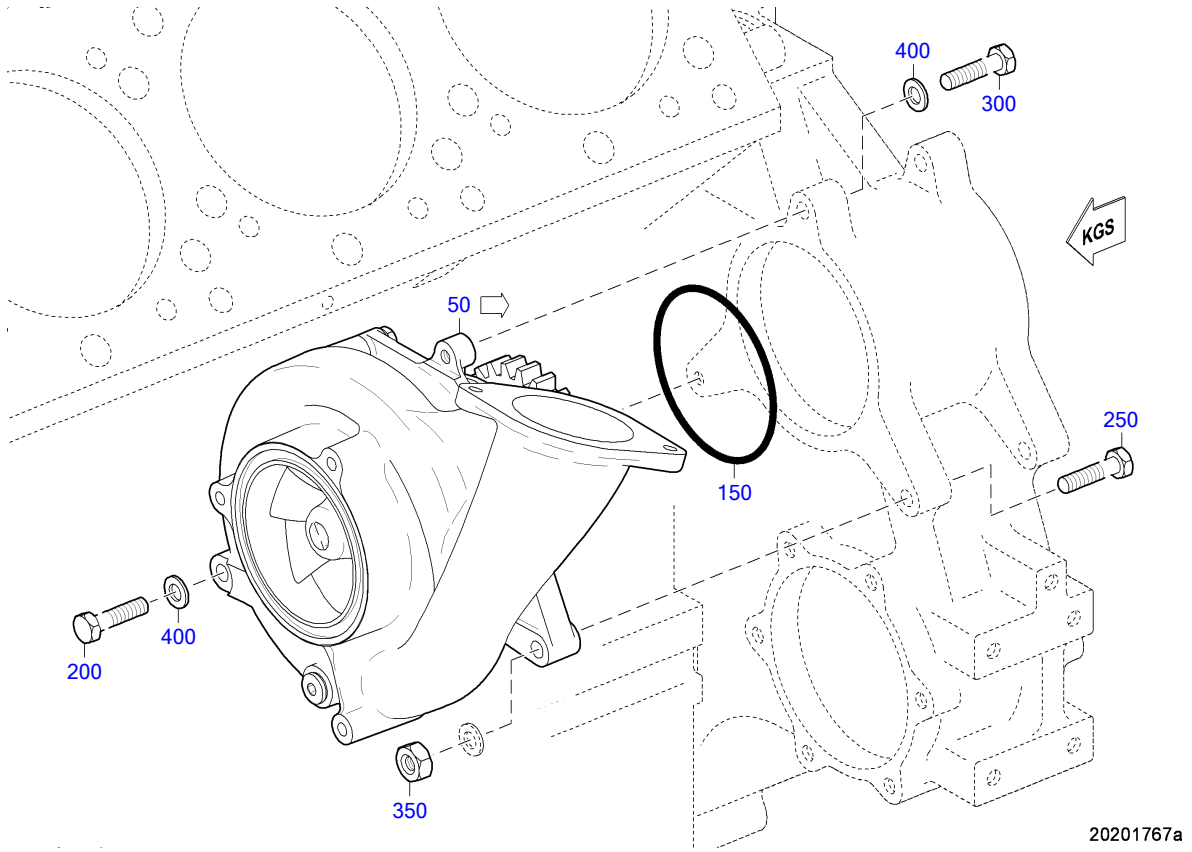
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
COOLANT PUMP HIGH-TEMP CIRCUIT

SERIAL NUMBER: 527110276

FG/FGS: 202 05

BOM-No.: XS595200.00014



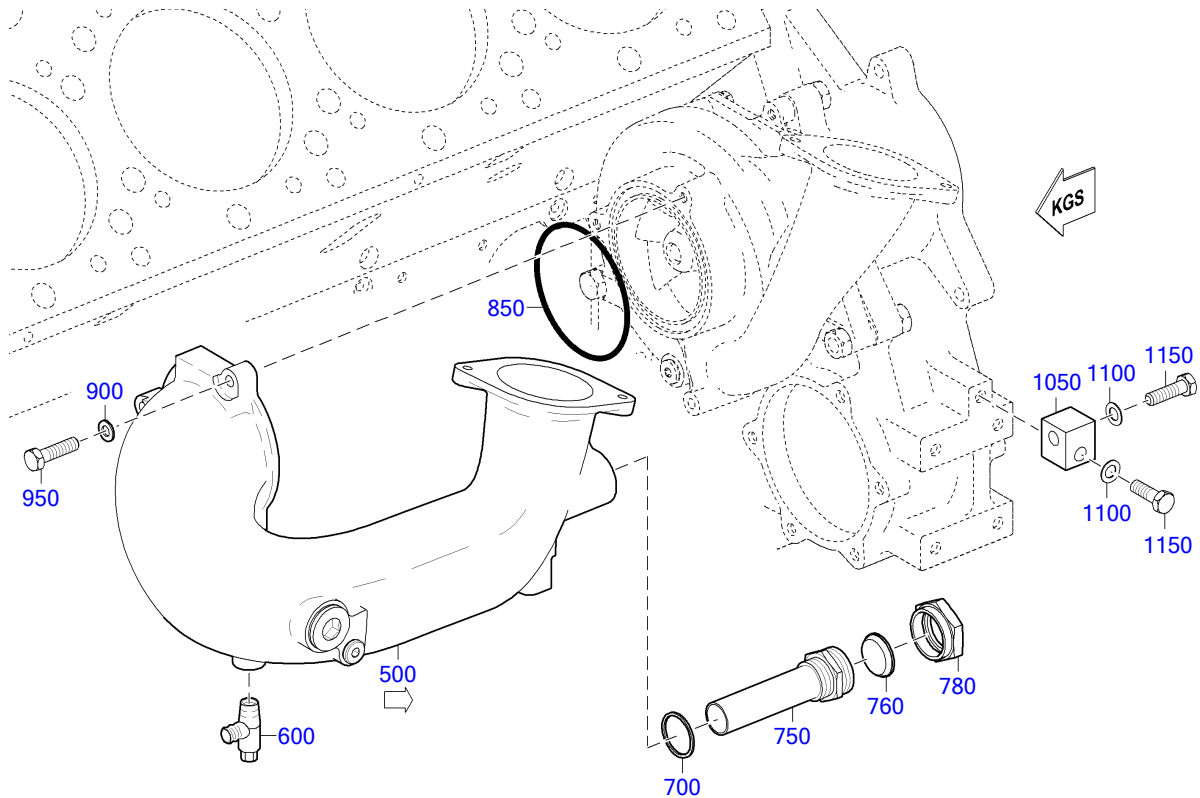
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
COOLANT PUMP HIGH-TEMP CIRCUIT

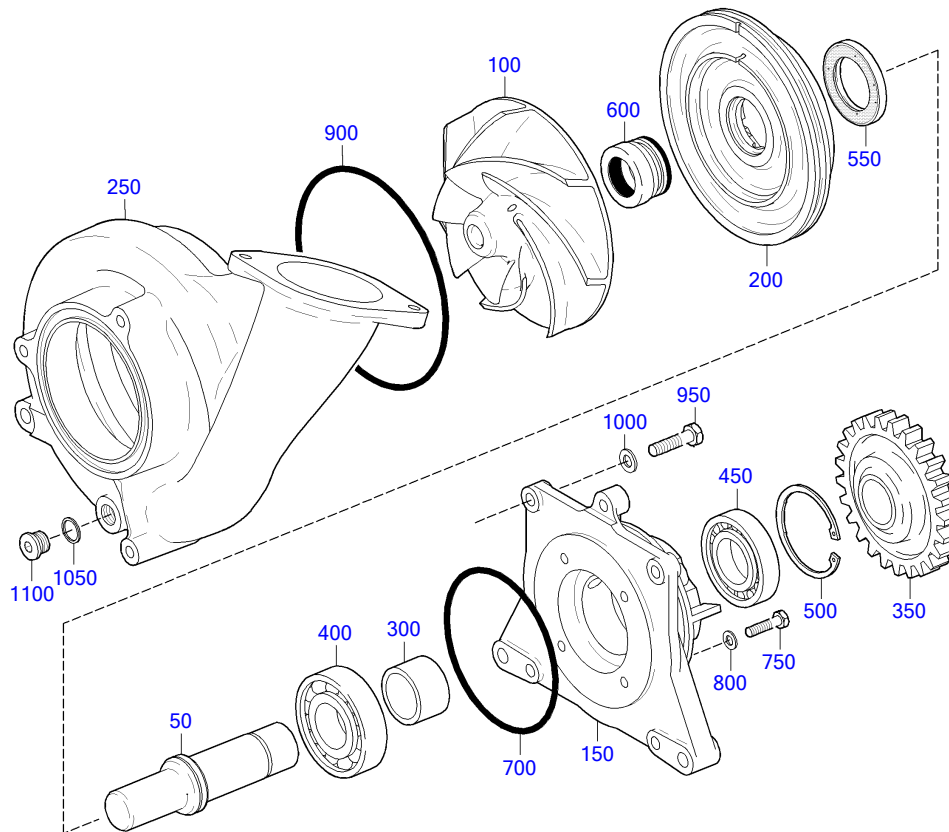
SERIAL NUMBER: 527110276

FG/FGS: 202 05

BOM-No.: XS595200.00014

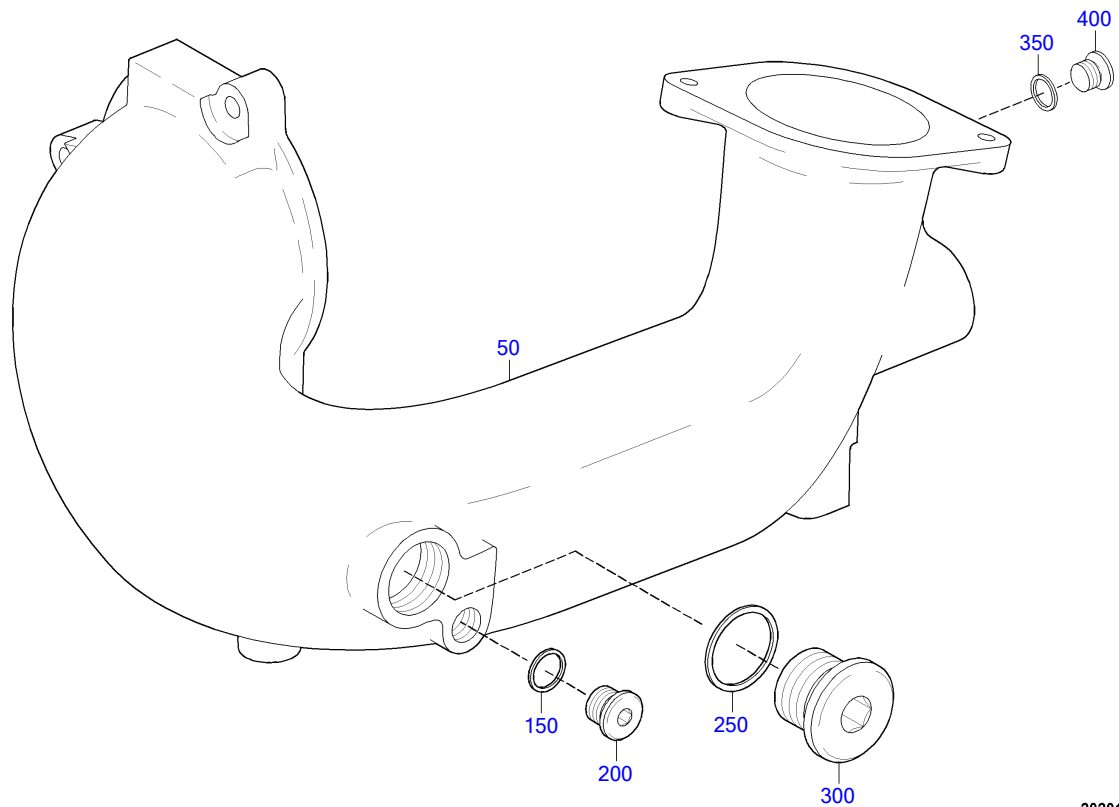


POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
50	X00036684	COOLANT PUMP	1	PC	30 KG	EM		
150	700429130003	O-RING	1	PC	18 G		130 X 5	MMN429
200	000000003921	HEX SCREW	1	PC	125 G		M 12 X 150	ISO4014
250	204017012019	HEX SCREW	1	PC	68 G		M 12 X 75	ISO4017
300	000000003926	BOLT HEX A3C	1	PC	55,600 G		M 12 X 55	ISO4017
350	000000004744	HEX NUT	1	PC	32 G		M 12	ISO4032
400	000125013012	WASHER	3	PC	5,320 G	MN	A 13	DIN125
500	X00038564	ELBOW	1	PC	12,680 KG			
600	0049976736	VALVE DRAIN	1	PC				
700	007603038101	COPPER SEALING RING	1	PC	5,400 G		A 38 X 44	DIN7603
750	X00043213	INJECTOR FOR ELBOW	1	PC		SB		
760	735189035000	SEALING CONE	1	PC	35 G		35	MTN5189
780	915001032003	NUT	1	PC	122 G		32 M 45 X 1,5	N15001
850	700429130000	O-RING	1	PC	27 G		130 X 6	MMN429
900	000125010524	WASHER	3	PC	3,100 G		A 10,5	DIN125
950	000000001039	BOLT HEX A3C	3	PC	29,800 G		M 10 X 40	ISO4017
1050	5242030340	SUPPORT MTG HOLDER	1	PC				
1100	000125013012	WASHER	2	PC	5,320 G	MN	A 13	DIN125
1150	000000003926	BOLT HEX A3C	2	PC	55,600 G		M 12 X 55	ISO4017



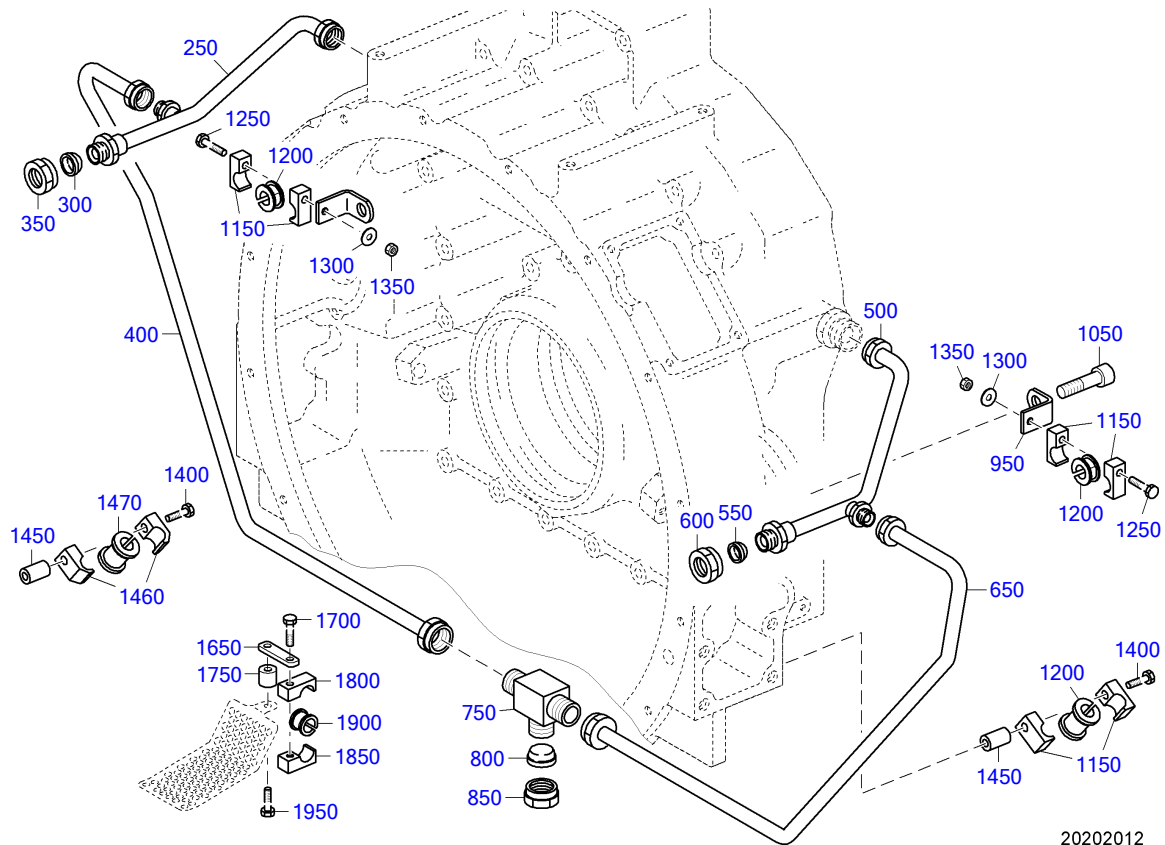
20201415a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	5272010805	SHAFT WTR PMP HI TEMP CLG CIRCUIT	1	PC	1,699 KG		
100	X00034674	IMPELLER	1	PC	3,070 KG		
150	X00039620	BEARING HOUSING	1	PC	7,750 KG		
200	X00036678	SEAL CARRIER	1	PC			
250	X00034669	SPIRAL HOUSING HT COOLANT CIRCUIT	1	PC			
300	5272010153	SPACER SLEEVE	1	PC	172,800 G		
350	X00041743	GEAR	1	PC	1,780 KG		
400	200628103006	BEARING ANGULAR CONTACT ROLLER	1	PC	766,500 G	QJ308	DIN628
450	705100502035	BEARING CYLINDRICAL ROLLER	1	PC		NU208	DIN5412
500	000472080000	RING SNAP	1	PC	22,820 G	80 X 2,5	DIN472
550	700386050002	SEAL OIL	1	PC	30,800 G	A 50 X 72 X 8	MMN386
600	X00026765	ROTARY SEAL	1	PC	119,200 G		
700	700429135000	O-RING	1	PC	19,055 G	135 X 5	MMN429
750	000931008241	BOLT HEX	4	PC	32 G	M 8 X 75	DIN931
800	000125008427	WASHER	4	PC	1,500 G	A 8,4	DIN125
900	700429185002	O-RING	1	PC	26,500 G	185 X 5	MMN429
950	000933010093	HEX BOLT	4	PC	28,600 G	M 10 X 35	DIN933
1000	000125010524	WASHER	4	PC	3,100 G	A 10,5	DIN125
1050	007603018101	COPPER SEALING RING	1	PC	1,300 G	A 18 X 22	DIN7603
1100	000908018002	PLUG	1	PC	29,800 KG	M 18 X 1,5	DIN908



20201416a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	X00038561	ELBOW	1	PC			
150	007603018101	COPPER SEALING RING	1	PC	1,300 G	A 18 X 22	DIN7603
200	000908018002	PLUG	1	PC	29,800 KG	M 18 X 1,5	DIN908
250	007603038101	COPPER SEALING RING	1	PC	5,400 G	A 38 X 44	DIN7603
300	000908038000	THREAD PLUG	1	PC	150,800 KG	M 38 X 1,5	DIN908
350	007603014102	COPPER SEALING RING	1	PC	1 G	A 14 X 18	DIN7603
400	000908014001	THREAD PLUG	1	PC	16,100 KG	M 14 X 1,5	DIN908



20202012

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
250	5242002352	PIPE	1	PC	420,700 G	SB		
300	915005020001	CONE SEALING	1	PC	15,400 G		22	MBN15005
350	915001020003	NUT	1	PC	48 G		20 M 30 X 1,5	N15001
400	5242002252	PIPE	1	PC	596,100 G	SB		
500	5242002052	PIPE	1	PC	403 G	SB		
550	915005020001	CONE SEALING	1	PC	15,400 G		22	MBN15005
600	915001020003	NUT	1	PC	48 G		20 M 30 X 1,5	N15001
650	5242002152	PIPE	1	PC	709 G	SB		
750	5569970974	FITTING TEE	1	PC	250 G		DN 20 / M30X1,5	
800	915005020001	CONE SEALING	1	PC	15,400 G		22	MBN15005
850	915001020003	NUT	1	PC	48 G		20 M 30 X 1,5	N15001
950	X52420200016	BRACKET L	2	PC				
1050	000912016004	BOLT HEX SOC HD	2	PC	103 G		M 16 X 45	DIN912
1150	700325022100	CLAMP HALF TUBE 1/1 D9-22	4	PC	48 G		1/1 D 9 - 22	MMN325
1200	700327018000	GROMMET	2	PC	4,700 G		18	MMN327
1250	304017008087	BOLT HEX	2	PC	4,263 G		M 8 X 50	ISO4017
1300	007349008002	WASHER	2	PC	8,300 G		8,4	DIN7349
1350	304032008014	NUT HEX 8 A3C	2	PC	4,800 G		M 8	ISO4032
1400	000000004389	HEX SCREW	2	PC	29,800 G		M 8 X 75	ISO4017
1450	5531530050	SPACER BUSHING	2	PC			10MM X 19MM L=32	
1460	X00031062	CLAMP PIPE HALF	4	PC				
1470	700327018000	GROMMET	2	PC	4,700 G		18	MMN327
1650	5500783841	RETAINER	2	PC	30 G			
1700	304017008085	BOLT HEX	2	PC	18 G		M 8 X 40	ISO4017
1750	X57299100096	SPACER SLEEVE	2	PC	22,600 G			

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
COOLANT LINE ON FLYWHEEL HSN

SERIAL NUMBER: 527110276

FG/FGS: 202 15

BOM-No.: XS594200.00064

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
1800	700325022100	CLAMP HALF TUBE 1/1 D9-22	2	PC	48 G		1/1 D 9 - 22	MMN325
1850	700325022200	CLAMP HALF TUBE 1/1 G8-22	2	PC	49 G		1/1 G 8 - 22	MMN325
1900	700327018000	GROMMET	2	PC	4,700 G		18	MMN327
1950	304017008085	BOLT HEX	2	PC	18 G		M 8 X 40	ISO4017

EQUI TYPE: Engine

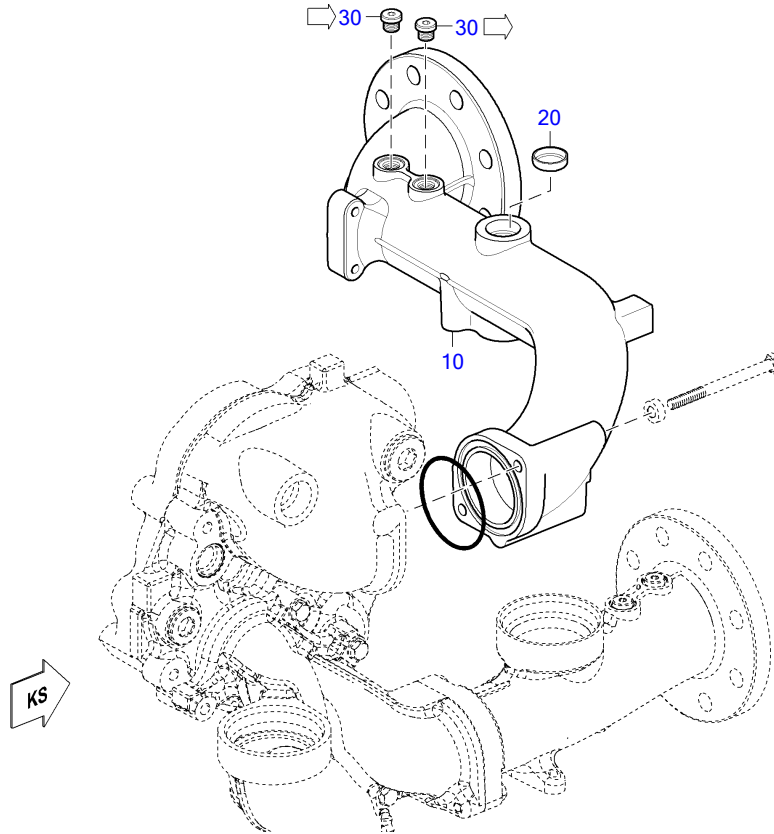
PRODUCT TYPE: 16V4000M23S
END COVER FOR COOLANT

SERIAL NUMBER: 527110276

FG/FGS: 202 15

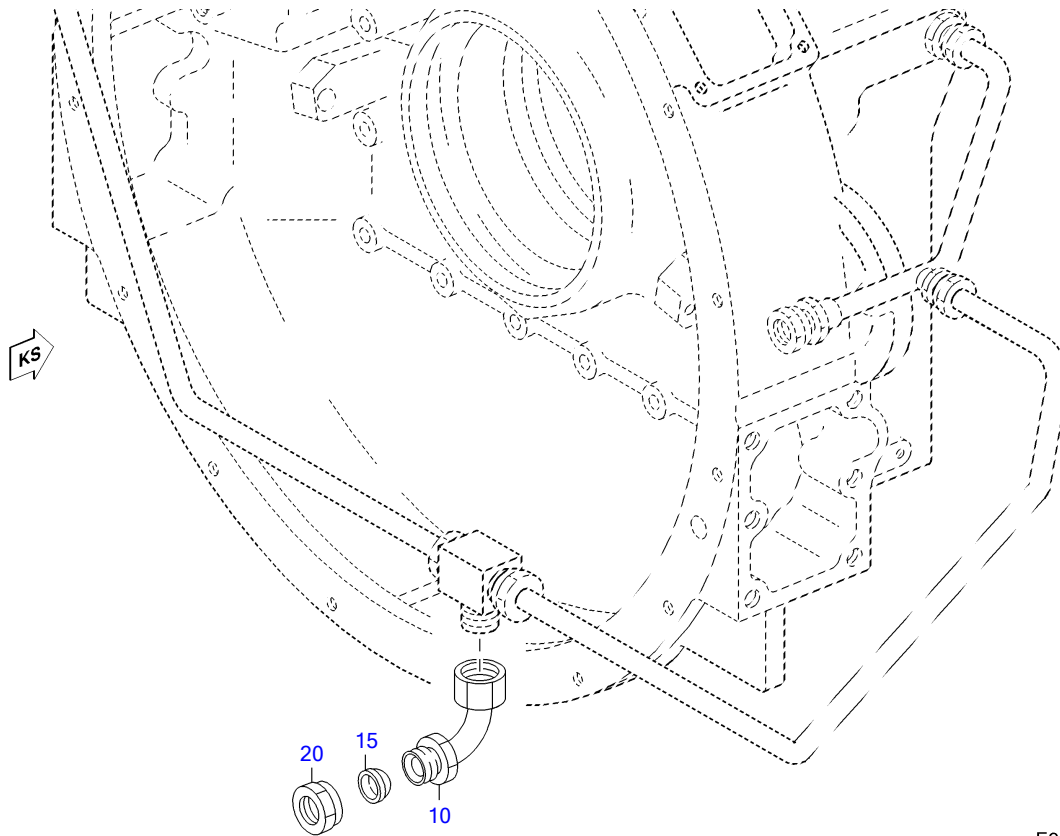
BOM-No.: XS594990.00059

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
200	X52499100632	BLIND FLANGE FOR ENGINE SHIPPING	1	PC			
250	5171870380	GASKET	1	PC			
300	200125017001	WASHER	8	PC	14,700 G	A 17	DIN125
350	000000003713	HEX SCREW	8	PC	110 G	M 16 X 55	ISO4017
400	200125017001	WASHER	8	PC	14,700 G	A 17	DIN125
450	000000003789	HEX NUT	8	PC	34,900 G	M 16	ISO4032



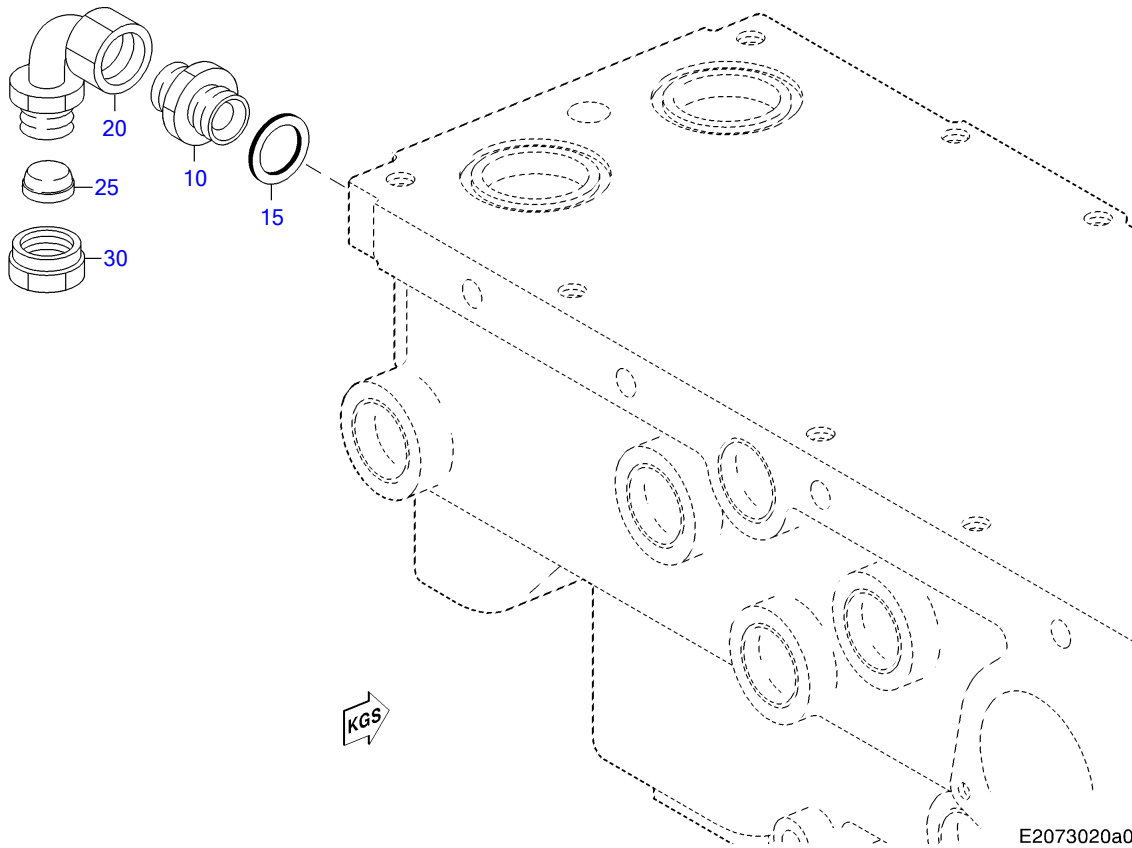
20600517

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	X59320200088	ELBOW TO COOLANT COOLER	1	PC		EM		
20	000443032000	COVER	2	PC	17,010 G		A 32	DIN443
30	735210014000	THREAD PLUG	2	PC	19,100 KG		M 14 X 1,5	MTN5210

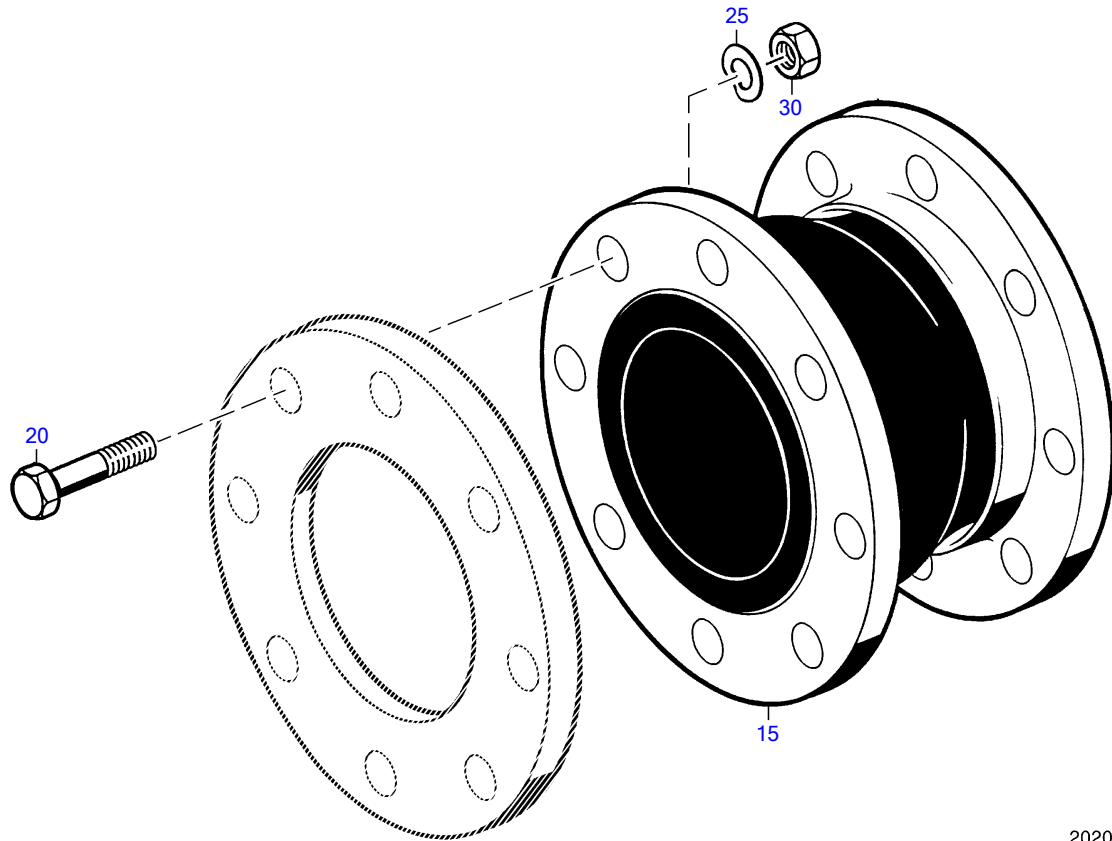


E2073019a0

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	700160000020	ELBOW 90 DEG KR 20	1	PC	210 G	KR 20	MMN160
15	915005020001	CONE SEALING	1	PC	15,400 G	22	MBN15005
20	915001020003	NUT	1	PC	48 G	20 M 30 X 1,5	N15001

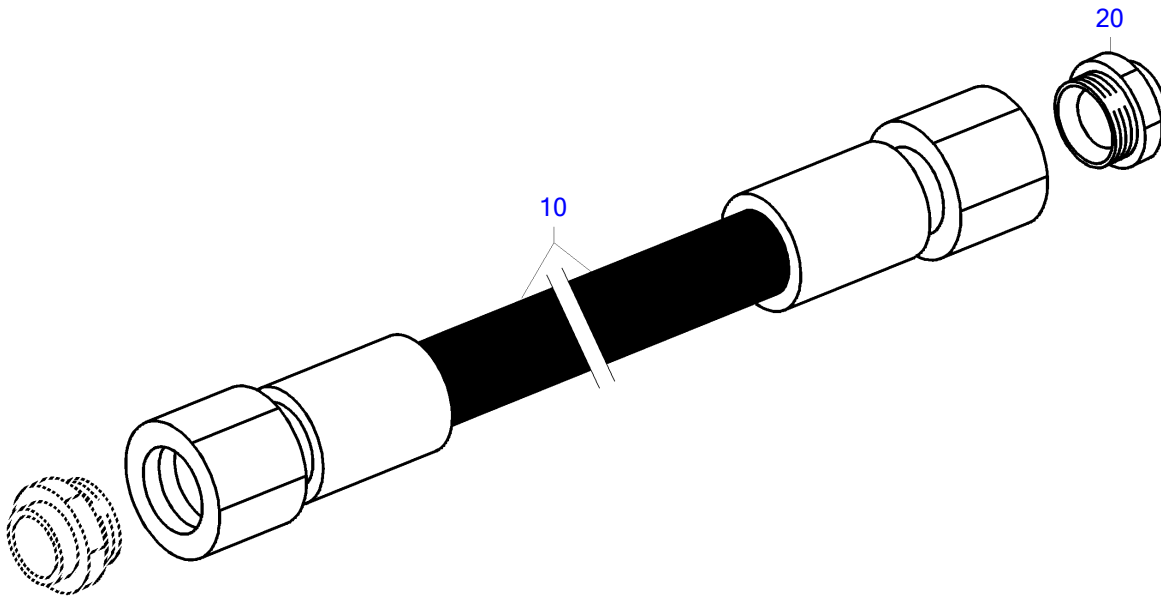


POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	915006020000	UNION	1	PC	87,500 G	20	N15006
15	007603030101	COPPER SEALING RING	1	PC		A 30 X 36	DIN7603
20	700160000020	ELBOW 90 DEG KR 20	1	PC	210 G	KR 20	MMN160
25	915005020001	CONE SEALING	1	PC	15,400 G	22	MBN15005
30	915001020003	NUT	1	PC	48 G	20 M 30 X 1,5	N15001



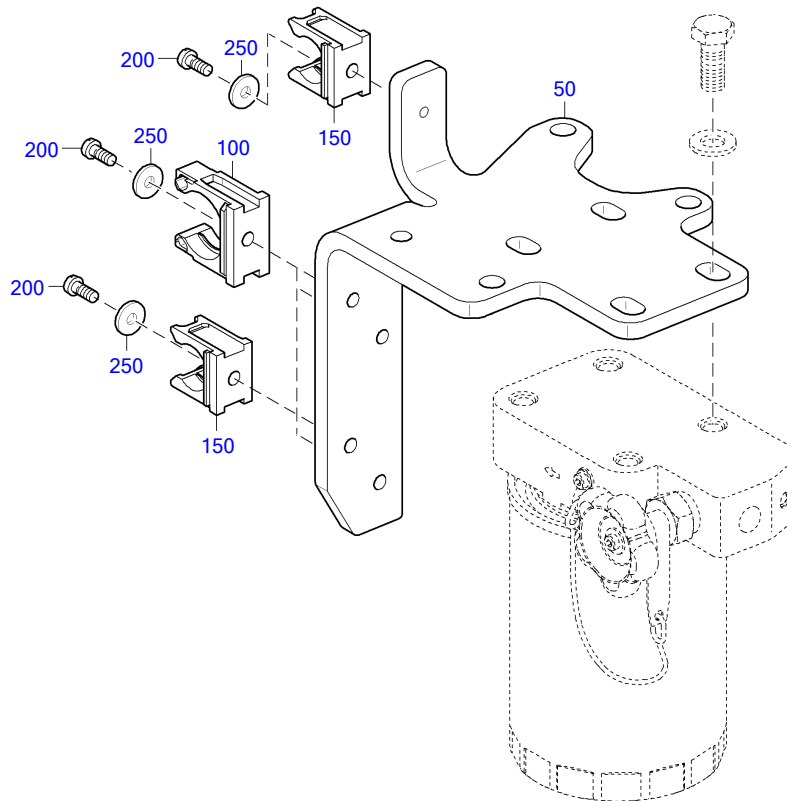
20200039a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
15	0002035383	COMPENSATOR	STD EL 145 MM , DN 80 MM	1	PC	7,320 KG		
20	304017016028	BOLT HEX A3C		8	PC	109 G	M 16 X 55	ISO4017
25	000137016201	WASHER SPRING B16		8	PC	5,200 G	B 16	DIN137
30	000934016019	NUT HEX 8		8	PC	29,500 G	M 16	DIN934



E2023074a0

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	735038008107	HOSE	1	PC	214 G	1SN 8 CC 300	MTN5038
20	718363208002	UNION	2	PC	20,700 G	10/M 16 X 1,5	MMN18363.2



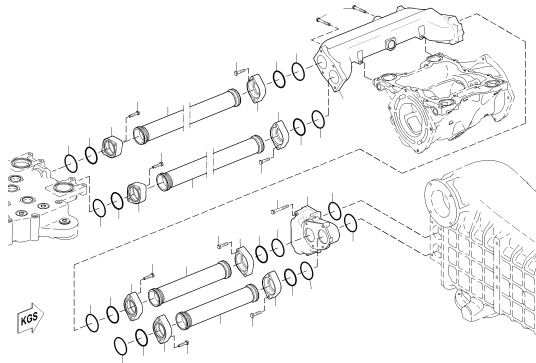
20202636

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	X59320200059	RETAINER	1	PC	1,430 KG		
100	X52650700039	CABLE CLAMP	3	PC	9 G	ROHRCLIP DN26	
150	0015331940	RETAINER CABLING AND PIPEWOR	2	PC	5,650 G	ROHRCLIP DN17	
200	000084005196	SCREW	5	PC	2,670 G	M 5 X 12	DIN84
250	007349005002	WASHER	5	PC		5,3	DIN7349

GROUP NUMBER (FG)

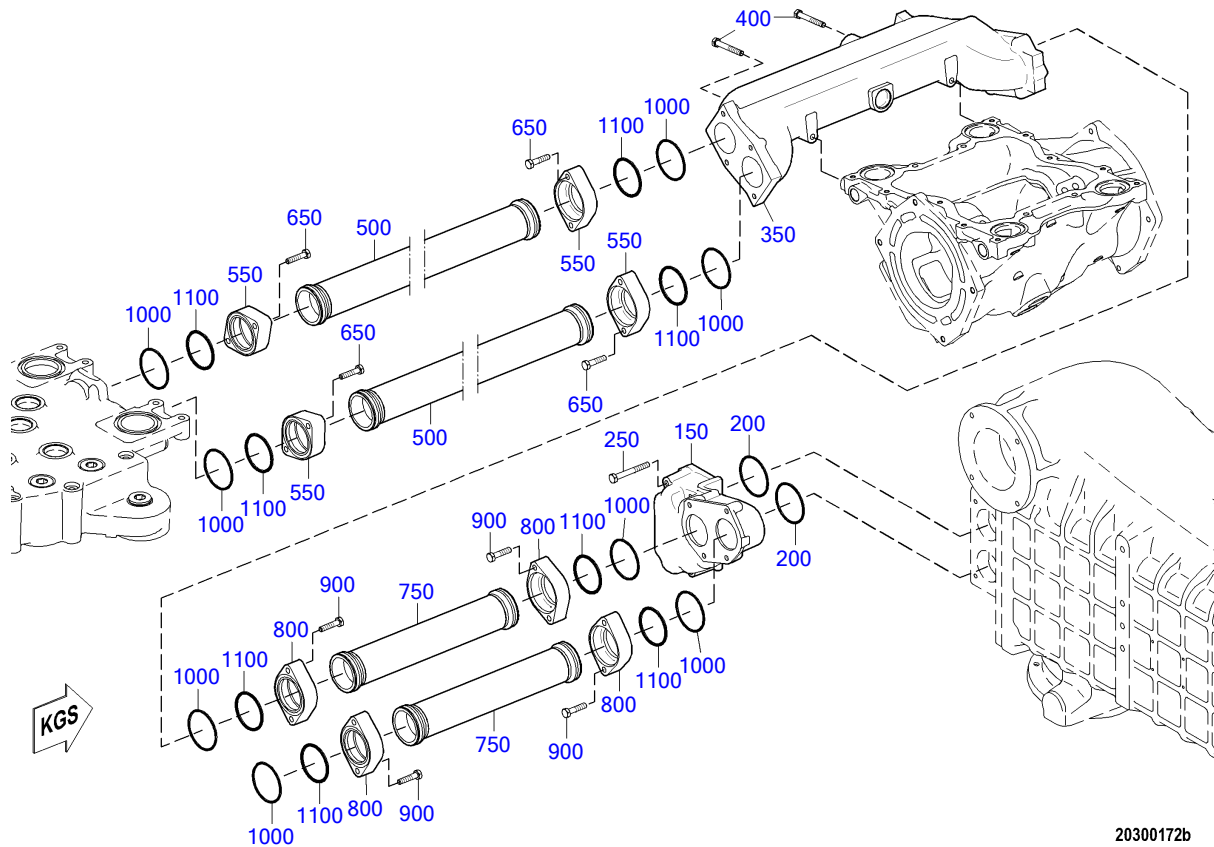
GROUP NAME

BOM-No.



COOLANT DUCTING LT CIRCUIT
X00019354

200001726



20300172b

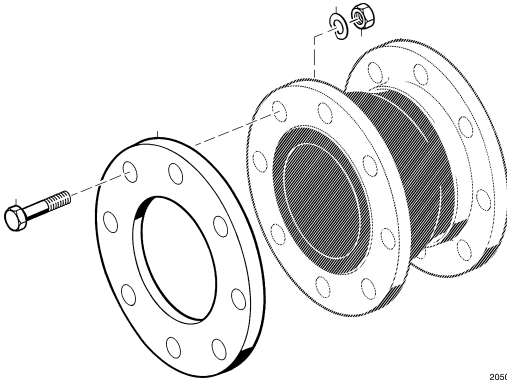
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
150	5262030222	ELBOW TWIN C23	1	PC	10,200 KG		
200	700429076000	O-RING	2	PC	7,090 G	76 X 4	MMN429
250	204017010026	HEX SCREW	4	PC	52,100 G	M 10 X 85	ISO4017
350	X59420300029	COOLANT ELBOW	1	PC	22,100 KG		
400	000000004742	HEX SCREW	2	PC	48,800 G	M 10 X 75	ISO4017
500	5262003551	TUBE ASM 720	2	PC	3,260 KG		
550	5262030439	FLANGE WELDING-NECK	4	PC	603,800 G		
650	204017010021	BOLT A3C	8	PC	33,200 G	M 10 X 45	ISO4017
750	5262003651	TUBE ASM 415 C23	2	PC	1,980 KG		
800	5262030439	FLANGE WELDING-NECK	4	PC	603,800 G		
900	204017010021	BOLT A3C	8	PC	33,200 G	M 10 X 45	ISO4017
1000	700429076000	O-RING	8	PC	7,090 G	76 X 4	MMN429
1100	700429070000	O-RING	8	PC	10,300 G	70 X 5	MMN429

GROUP NUMBER (FG)

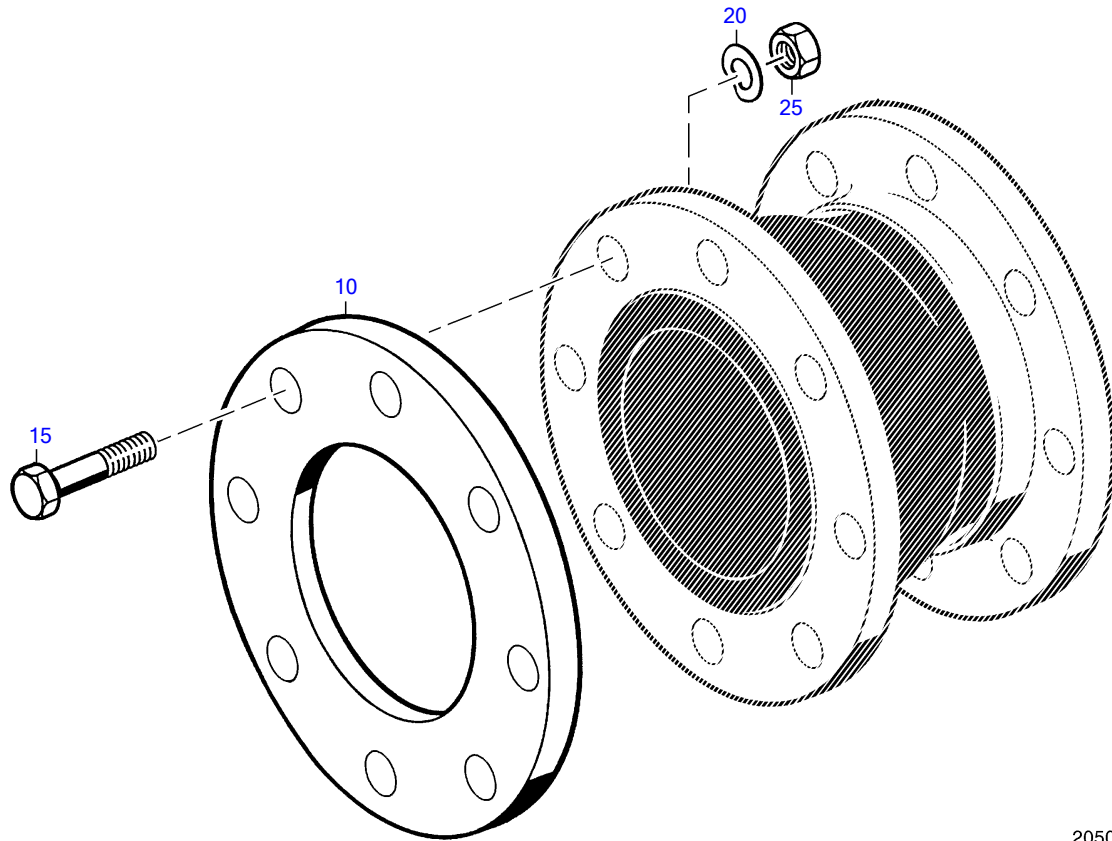
GROUP NAME

BOM-No.

COMPANION FLANGE
200.00035



20500013a



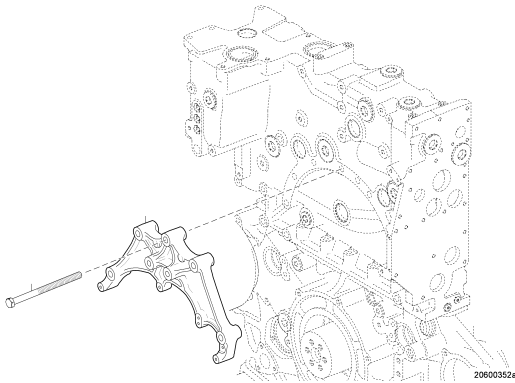
20500013a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	002576080200	FLANGE	1	PC	3,550 KG	B 80 X 88,9	DIN2576
15	304017016028	BOLT HEX A3C	8	PC	109 G	M 16 X 55	ISO4017
20	000137016201	WASHER SPRING B16	8	PC	5,200 G	B 16	DIN137
25	000934016019	NUT HEX 8	8	PC	29,500 G	M 16	DIN934

GROUP NUMBER (FG)

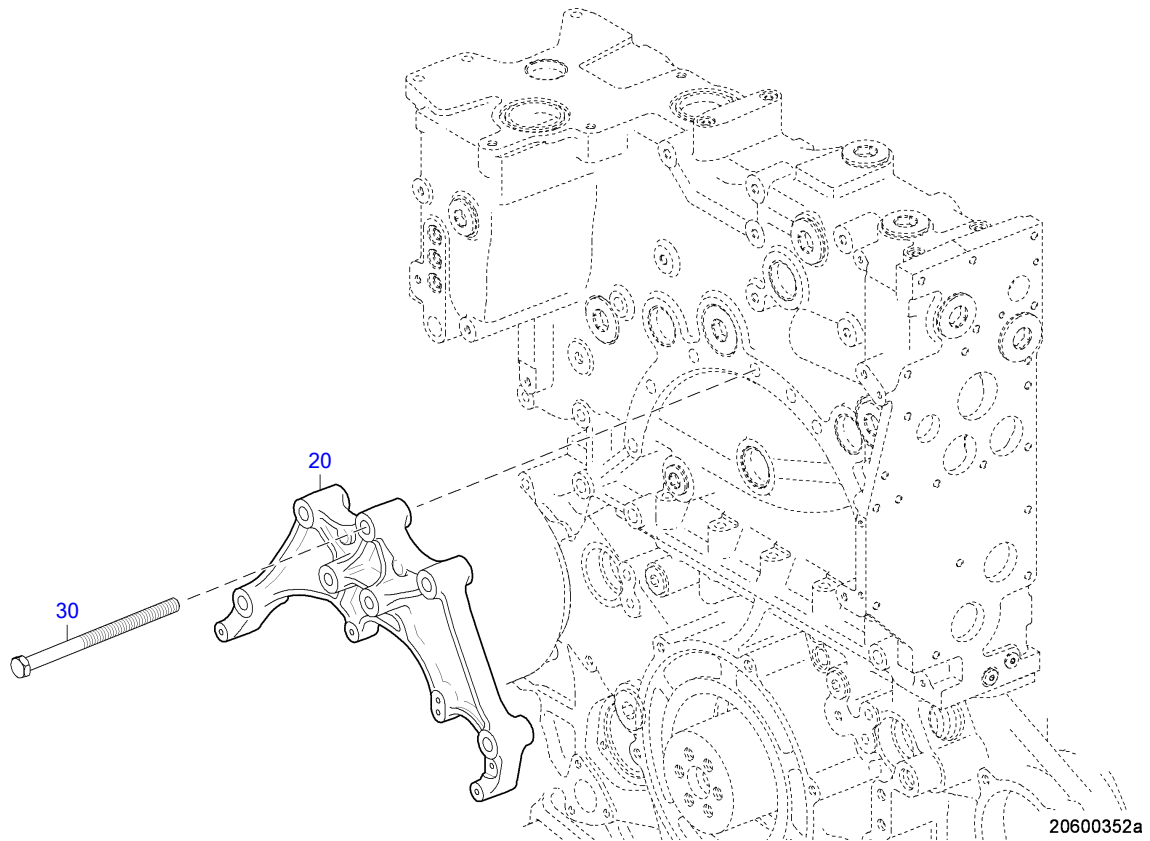
GROUP NAME

BOM-No.



RETAINER
XS526200.00043

COOLANT DISTRIB HSG
XS593200.00057



POS.	PART NO.	DESIGNATION	QTY.	UNITS	MEASUREMENT	STANDARD
20	X59307700015	RETAINER	1	PC	BATMAN	
30	204014016010	HEX SCREW	5	PC	M 16 X230	ISO4014

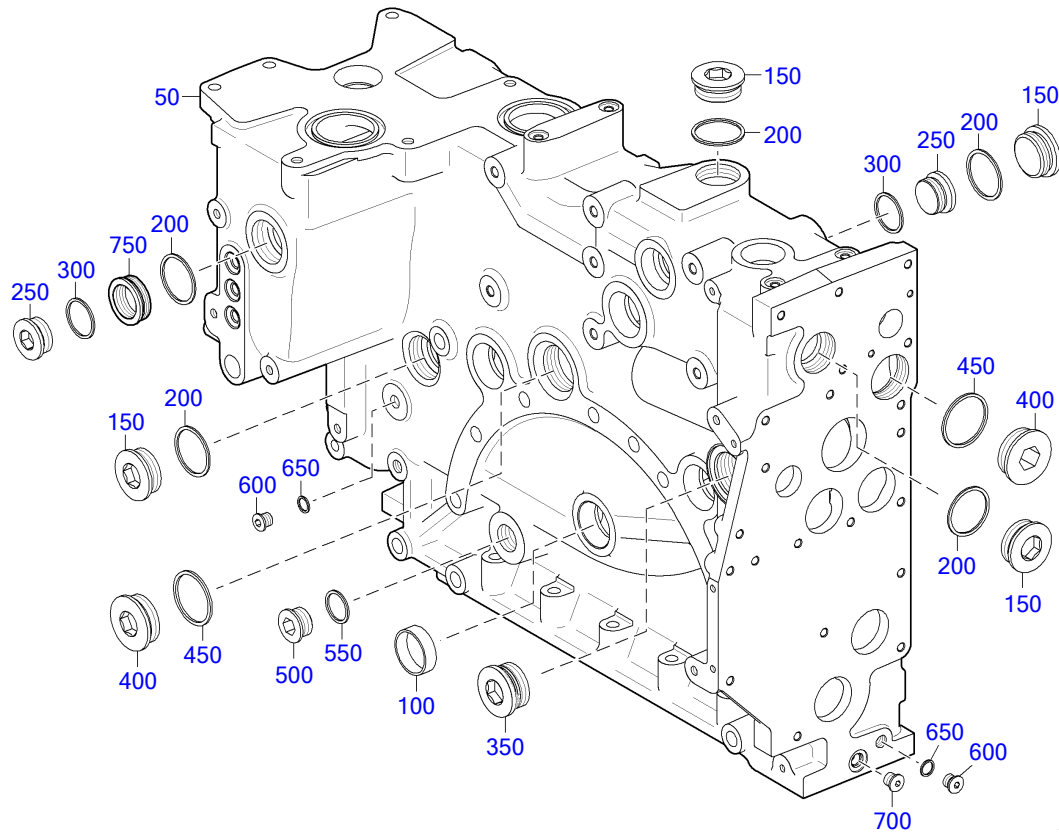
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
COOLANT DISTRIB HSG

SERIAL NUMBER: 527110276

FG/FGS: 206 05
BOM-No.: XS593200.00057

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
150	700429055001	O-RING	1	PC	8,110 G	55 X 5	MMN429
200	700429042000	O-RING	1	PC	6,400 G	42 X 5	MMN429
250	700429070000	O-RING	1	PC	10,300 G	70 X 5	MMN429
300	204017012015	HEX SCREW	2	PC	50 G	M 12 X 50	ISO4017
350	000000002970	BOLT HEX ZNPH R5F	5	PC	67 G	M 12 X 70	ISO4017
450	700429083000	O-RING	2	PC		83 X 5	MMN429
500	000000002973	HEX SCREW	9	PC	303 G	M 16 X 180	ISO4014
600	735210014000	THREAD PLUG	5	PC	19,100 KG	M 14 X 1,5	MTN5210
	X59320200096	COOLANT DISTRIB HSG	1	PC			

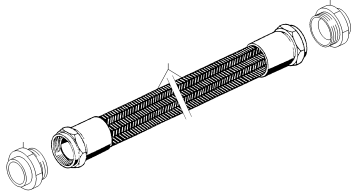


20600499

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	X59320200095	COOLANT DISTRIB HSG	1	PC			
100	5249970020	SEALING CAP	8	PC		D 50	
150	000908048004	THREAD PLUG	8	PC	259 KG	M 48 X 1,5	DIN908
200	007603048101	COPPER SEALING RING	9	PC	8,100 G	A 48 X 55	DIN7603
250	000908038000	THREAD PLUG	3	PC	150,800 KG	M 38 X 1,5	DIN908
300	007603038101	COPPER SEALING RING	3	PC	5,400 G	A 38 X 44	DIN7603
350	735210048000	THREAD PLUG	1	PC	337 KG	M 48 X 2	MTN5210
400	000908052003	THREAD PLUG	2	PC	308,500 KG	M 52 X 1,5	DIN908
450	007603052101	COPPER SEALING RING	2	PC	12,300 G	A 52 X 60	DIN7603
500	000908030002	THREAD PLUG	1	PC	85,500 KG	M 30 X 1,5	DIN908
550	007603030101	COPPER SEALING RING	1	PC		A 30 X 36	DIN7603
600	000908014001	THREAD PLUG	1	PC	16,100 KG	M 14 X 1,5	DIN908
650	007603014102	COPPER SEALING RING	1	PC	1 G	A 14 X 18	DIN7603
700	735210014000	THREAD PLUG	1	PC	19,100 KG	M 14 X 1,5	MTN5210
750	X59499100029	THREADED BUSHING	1	PC	100 G	M48X1.5/M38X1.5	

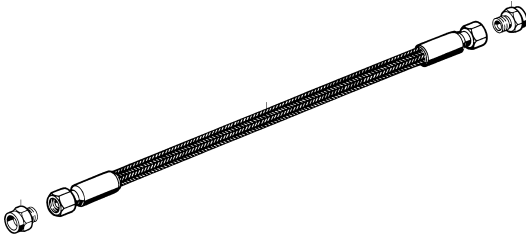
GROUP NUMBER (FG)
GROUP NAME
BOM-No.

HOSE
200.00028

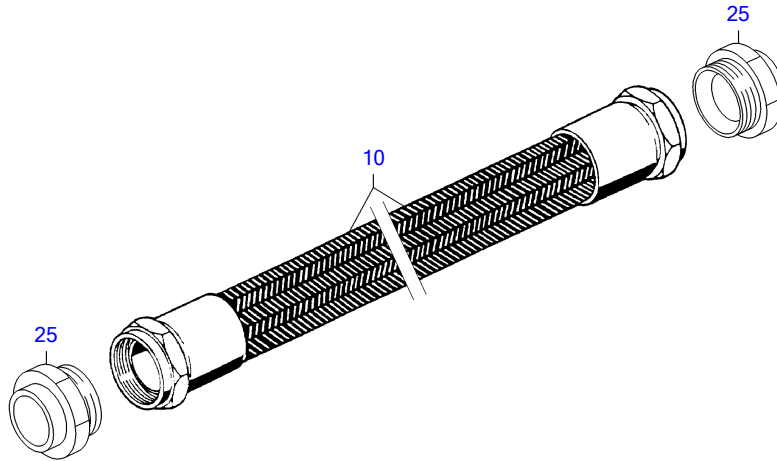


E207301a0

HOSE
200.00027

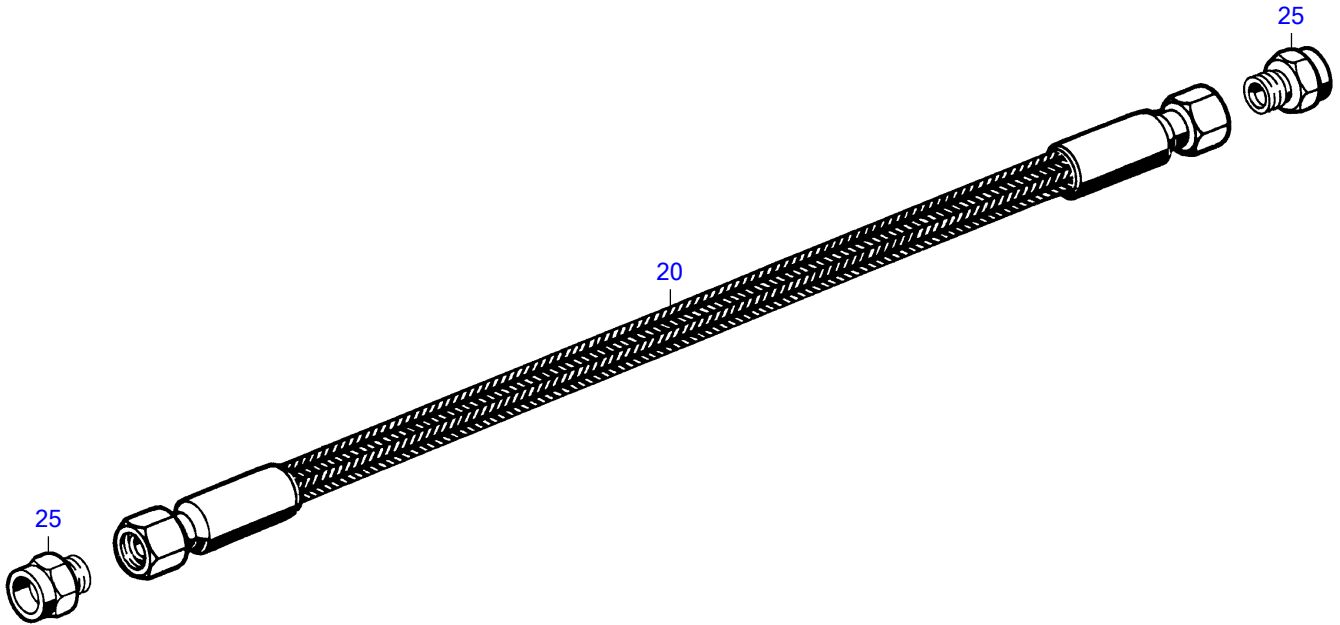


E2073016a0



E2073011a0

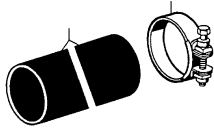
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	735038020104	HOSE	1	PC	672 G	1SN 20 CC 400	MTN5038
25	718363220003	UNION	2	PC	68,600 G	22/M 30 X 1,5	MMN18363.2



E2073016a0

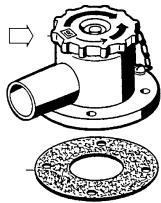
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
20	735038006102	HOSE	1	PC	154,300 KG	1SN 6 CC 300	MTN5038
25	718363206002	UNION	2	PC	15,200 G	8/M 14 X 1,5	MMN18363.2

GROUP NUMBER (FG)
GROUP NAME
BOM-No.



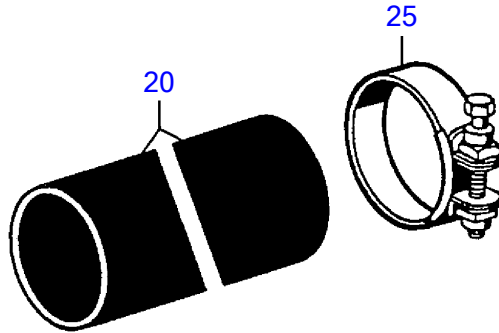
RUBBER SLEEVE
200.00023

ET14 004705



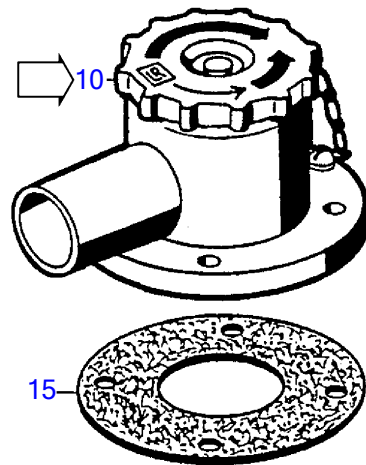
SHUTOFF VALVE
200.00083

ET14 047808



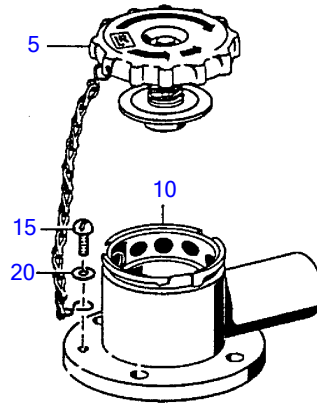
ET14 004705

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
20	700368042004	SLEEVE RUBBER	1	PC	540 G	42 X 400	MMN368
25	900288054005	CLAMP	2	PC	70 G	S 54/20X1 SKZ	N288A



ET14 047808

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN
10	0002000017	PRESSURE CAP (EXPANSION TANK)	1	PC	1,367 KG	P
15	5612031880	GASKET	1	PC	18,050 G	



ET14 004707

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
5	0002033286	CAP PRESSURE EXPANSION TANK S2000/4000	1	PC	151,900 G			
10	Z=7.4560.2.00	BASE COMPLETE	1	PC				
15	Z=M6X10DIN86	RD-HD SCRW	1	PC		AC	M6 X 10	
20	000125006431	WASHER	1	PC	0,900 G		A 6,4	DIN125

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
MOUNTING / SUPPORT

SERIAL NUMBER: 527110276
FG/FGS: 230

GROUP NUMBER (FG)

GROUP NAME

BOM-No.

BEARING

BK527230.304937-01

RUBBER MOUNT

XS527230.00034

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
BEARING

SERIAL NUMBER: 527110276

FG/FGS: 230 00

BOM-No.: BK527230.304937-01

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
200	206796016000	CONICL SPRING WASHER	32	PC	28,100 G	16	DIN6796
250	304017016027	BOLT HEX A3C	32	PC	103 G	M 16 X 50	ISO4017

EQUI TYPE: Engine

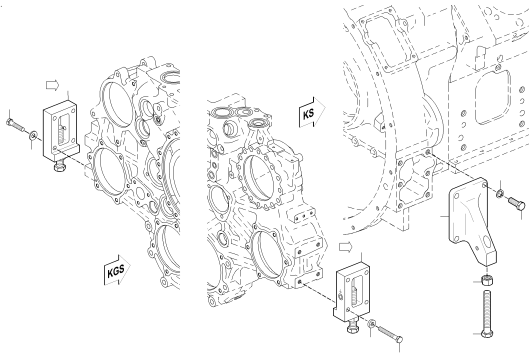
PRODUCT TYPE: 16V4000M23S
RUBBER MOUNT

SERIAL NUMBER: 527110276

FG/FGS: 230 05
BOM-No.: XS527230.00034

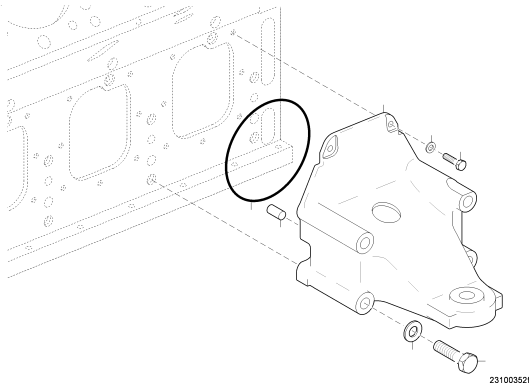
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
30	X52723100033	RUBBER MOUNT	1	PC	15,891 KG

GROUP NUMBER (FG)
GROUP NAME
BOM-No.

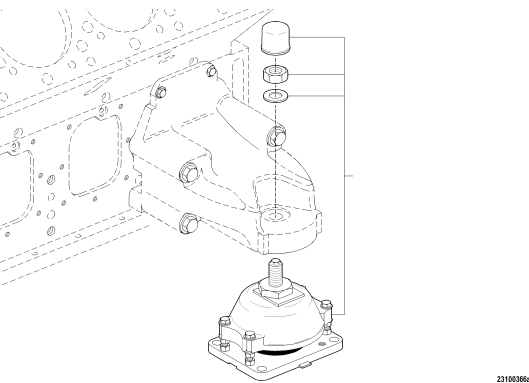


ENGINE SUPPORT
XS527230.00015

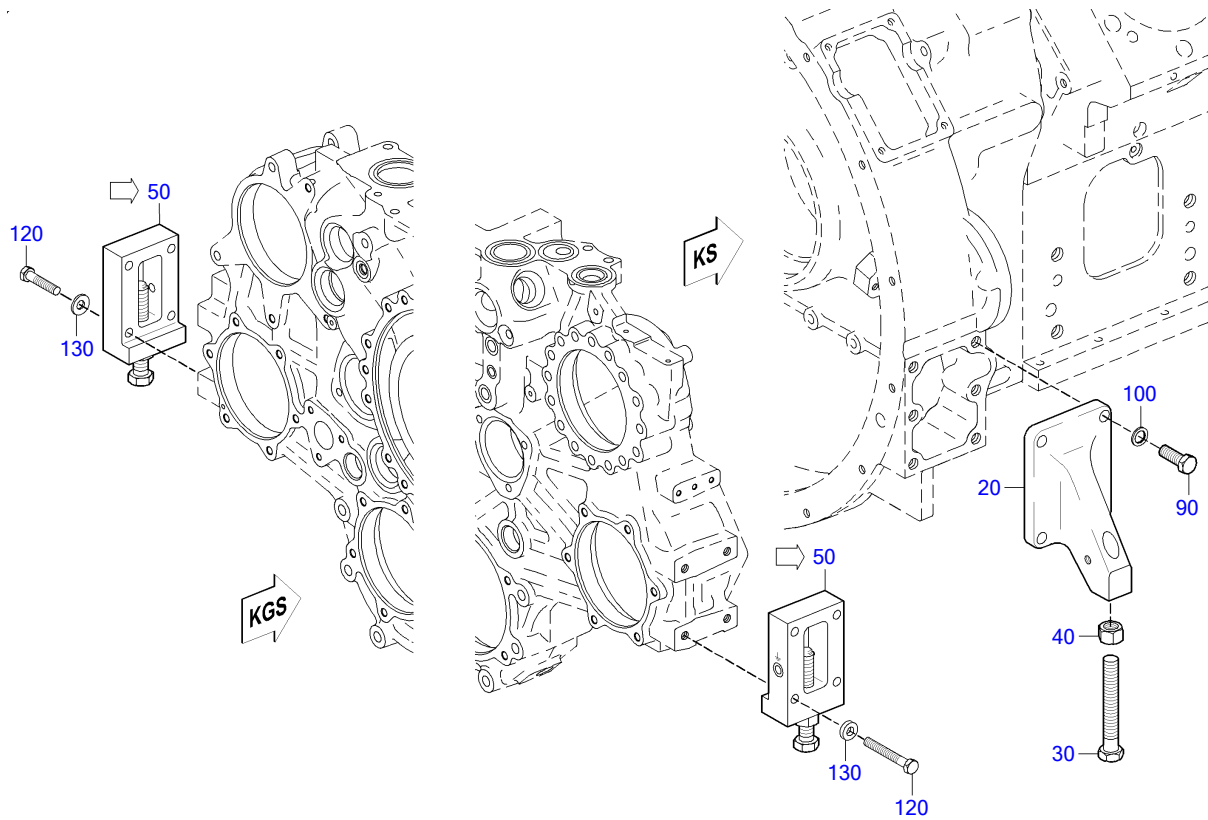
23100353a



MOUNTING BRACKET
XS527230.00016

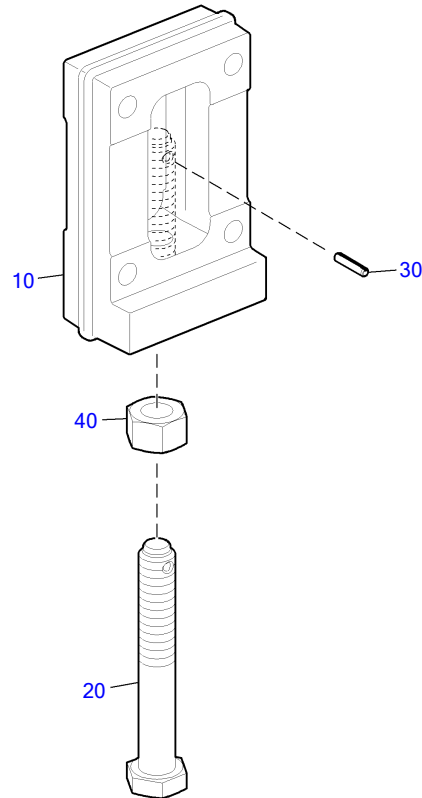


RUBBER MOUNT
XS595230.00003



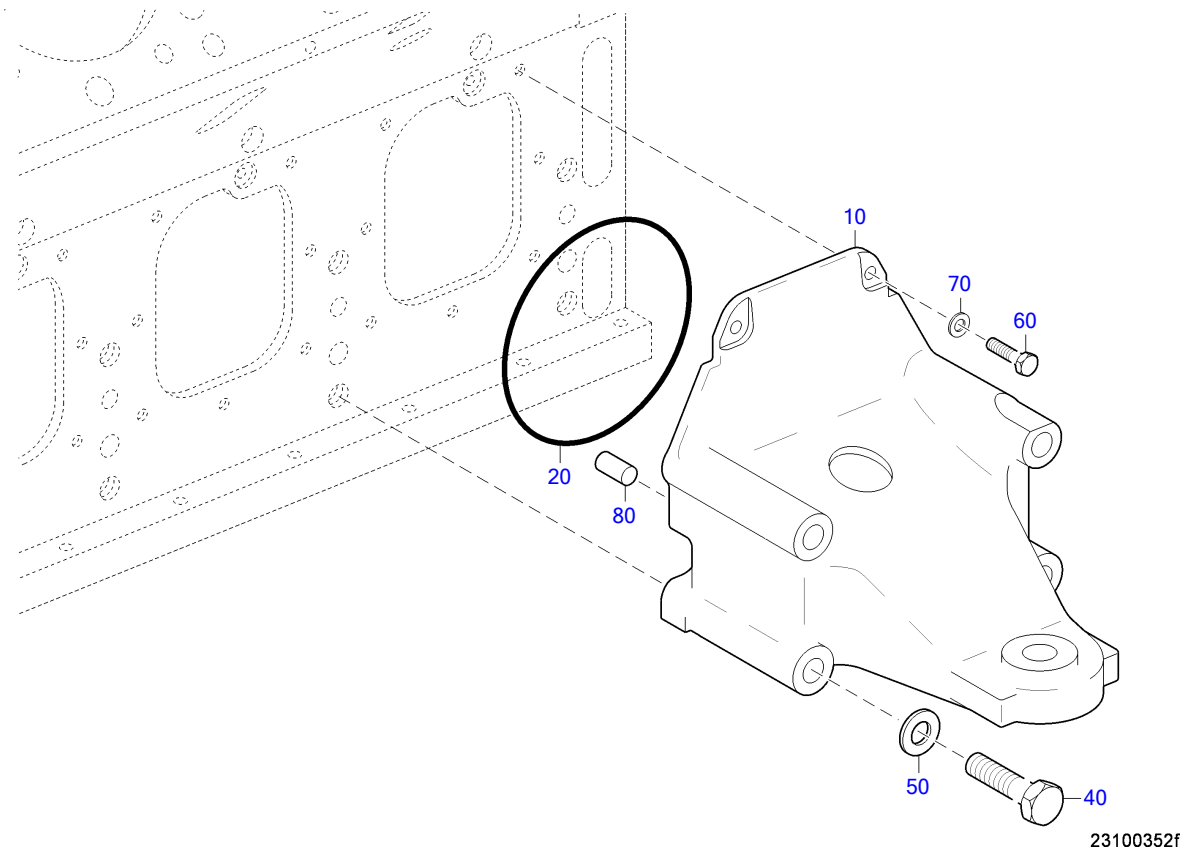
23100353a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
20	X59623100004	ENGINE SUPPORT MAIN PTO END	2	PC	8,280 KG		
30	304017020007	BOLT AK HEX A3C	2	PC		M 20 X140 AK	ISO4017
40	304032020001	HEX NUT	2	PC	61 G	M 20	ISO4032
50	X52723100019	ENGINE SUPPORT	2	PC	3,950 KG		
90	304017016026	BOLT HEX A3C	8	PC	105 G	M 16 X 50	ISO4017
100	200433017001	WASHER	8	PC	7,300 G	17	DIN433
120	000000001078	HEX SCREW	8	PC		M 12 X 60	ISO4017
130	200433013000	WASHER	8	PC		13	DIN433

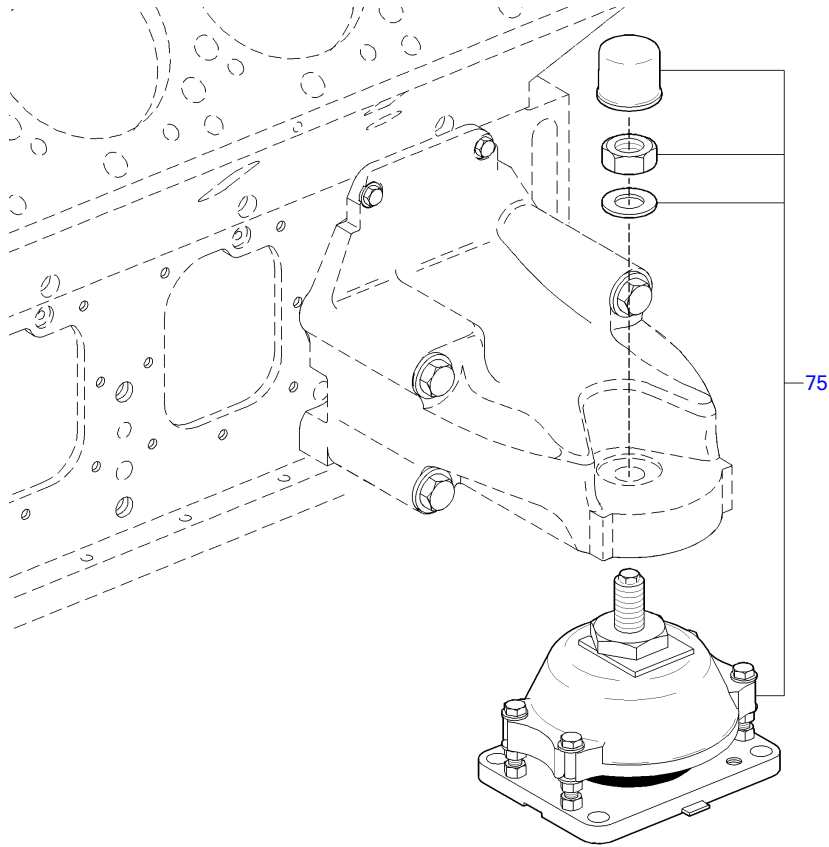


23100466a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	X59623100003	ENGINE SUPPORT	1	PC	3,569 KG		
20	X52723100020	SCREW	1	PC	0,390 KG		
30	001481005030	PIN SPRING	1	PC	2,180 G	5 X 24 - N	ISO8752
40	304032020001	HEX NUT	1	PC	61 G	M 20	ISO4032

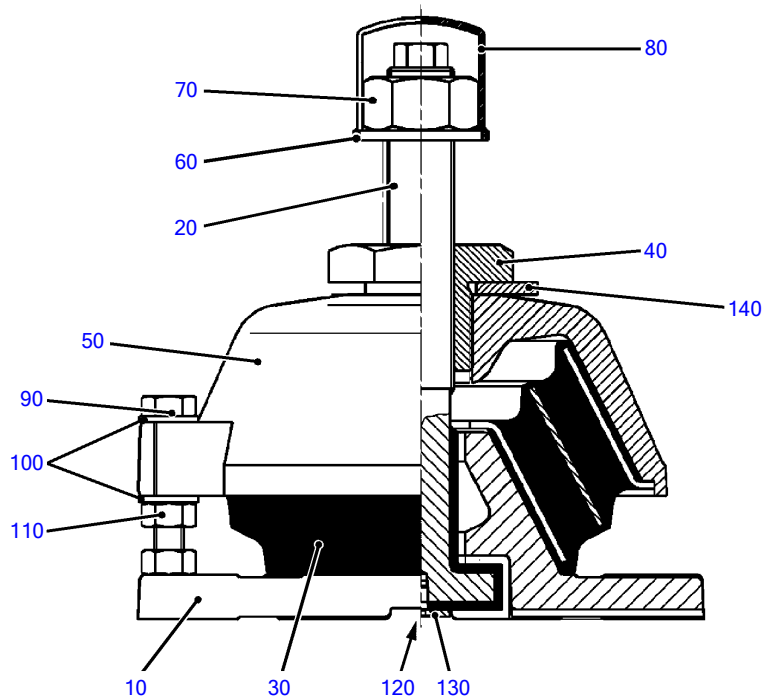


POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	X52623100018	MOUNTING BRACKET	4	PC	25,400 KG		
20	700429192000	O-RING	4	PC	16,900 G	192 X 4	MMN429
40	204014020004	HEX SCREW	16	PC	533,700 G	M 20 X200	ISO4014
50	200433021000	WASHER	16	PC	12,400 G	21	DIN433
60	000000003021	HEX SCREW	8	PC	23,700 G	M 10 X 25	ISO4017
70	000125010524	WASHER	8	PC	3,100 G	A 10,5	DIN125
80	000007016104	PIN DOWEL	8	PC	55 G	16 M6 X 32	DIN7



23100366a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
75	X52623100058	RUBBER MOUNT	4	PC	15,800 KG



23100228c

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	XP52623100089	FOOT		1	PC			
20	X00033995	BUFFER	4000	1	PC	1,121 KG		
30	XP52623100082	RUBBER ELEMENT		1	PC		SHORE 60	
40	XP52623100088	ADJUSTMENT BOLT		1	PC			
50	X00043629	COVER	4000	1	PC			
60	000125027004	WASHER		1	PC	46 G	B 27	DIN125
70	000934027004	HEX NUT		1	PC	155 G	M 27 X 2	DIN934
80	XP52623100078	PROTECTIVE CAP		1	PC			
90	000933012040	BOLT HEX		4	PC	73 G	M 12 X 75	DIN933
100	200125013000	WASHER		8	PC		A 13	DIN125
110	000934012008	NUT HEX		8	PC	15,400 G	M 12	DIN934
120	X00034055	COUNTERSUNK HD SCREW	4000	1	PC		M6X10	DIN 7991
130	X00034057	LOCKING DEVICE	4000	1	PC			
140	X00034058	LOCKING DEVICE	4000	1	PC			

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
AUXILIARY PTO, SIDE-MOUNTED

SERIAL NUMBER: 527110276
FG/FGS: 259

GROUP NUMBER (FG)

GROUP NAME

BOM-No.

ADHESIVE FOR COUPLING

BK310259.304937-01

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
ADHESIVE FOR COUPLING

SERIAL NUMBER: 527110276

FG/FGS: 259 05

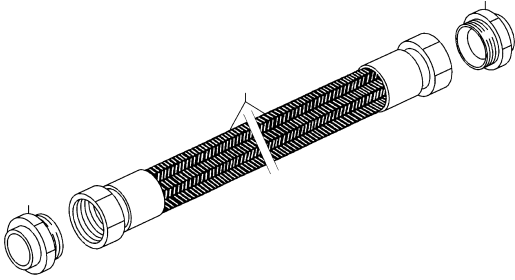
BOM-No.: BK310259.304937-01

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
70	200433021001	WASHER	12	PC	12,200 G	21	DIN433
90	000000000639	BOLT HEX A3C	12	PC		M 20 X180	ISO4014

GROUP NUMBER (FG)

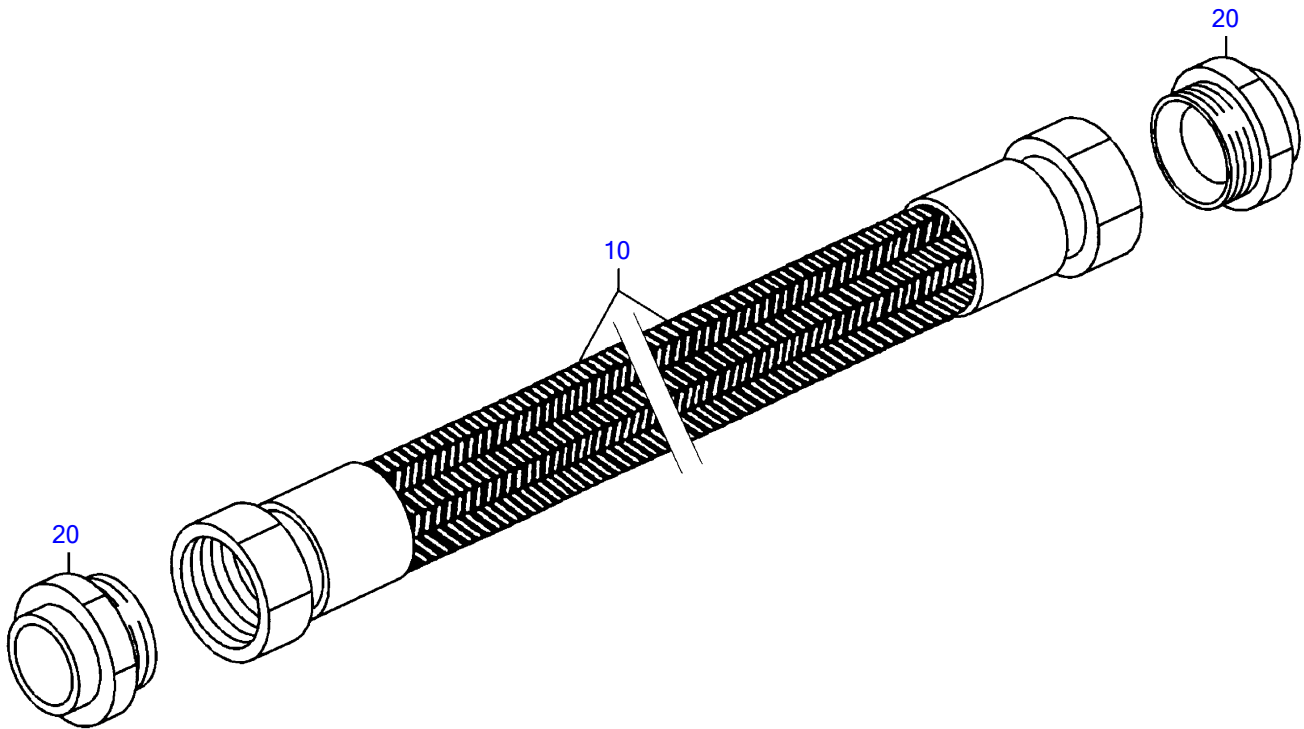
GROUP NAME

BOM-No.



HOSE
340.00013

34200009a



34200009a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	735038032102	HOSE	1	PC	1,580 KG	1SN 32 CC 500	MTN5038
20	718363232002	UNION	2	PC	175 G	35/M 45 X 1,5	MMN18363.2

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S

SERIAL NUMBER: 527110276

AUXILIARY SYSTEMS - SUPPLEMENTARY EQUIPMENT

FG/FGS: 360

GROUP NUMBER (FG)

GROUP NAME

BOM-No.

PREHEATING UNIT

BK527360.304937-01

FUEL PREFILTER

BK527360.304937-02

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
100	700160000020	ELBOW 90 DEG KR 20	1	PC	210 G	KR 20	MMN160
150	735038020100	HOSE	1	PC	1,045 KG	1SN 20 CC 1000	MTN5038
200	700419999001	UNION 20G 3/4 A	1	PC	81,500 G	22 G 3/4 A	MMN419
250	007603027100	WASHER A COP	1	PC	3,200 G	A 27 X 32	DIN7603
300	X52799100054	BALL COCK	1	PC		ZL311024	
350	007603027100	WASHER A COP	1	PC	3,200 G	A 27 X 32	DIN7603
400	700419999030	SCREW-FITTING UNION	1	PC	135 G	28 G 3/4 A	MMN419
450	X58499100030	ELBOW	1	PC			
550	X58499100030	ELBOW	1	PC			
600	700419999030	SCREW-FITTING UNION	1	PC	135 G	28 G 3/4 A	MMN419
650	007603027100	WASHER A COP	1	PC	3,200 G	A 27 X 32	DIN7603
700	X52799100054	BALL COCK	1	PC		ZL311024	
750	007603027100	WASHER A COP	1	PC	3,200 G	A 27 X 32	DIN7603
760	700419999001	UNION 20G 3/4 A	1	PC	81,500 G	22 G 3/4 A	MMN419
800	735038020103	HOSE	1	PC		1SN 20 CC 600	MTN5038
850	915006020005	UNION	1	PC	89 G	20	N15006
900	735038020103	HOSE	1	PC		1SN 20 CC 600	MTN5038
1000	206796010000	CONICL SPRING WASHER	4	PC	6,100 G	10	DIN6796
1050	204017010015	HEX SCREW	4	PC	25,600 G	M 10 X 30	ISO4017

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S

SERIAL NUMBER: 527110276

FUEL PREFILTER

FG/FGS: 360

00

BOM-No.: BK527360.304937-02

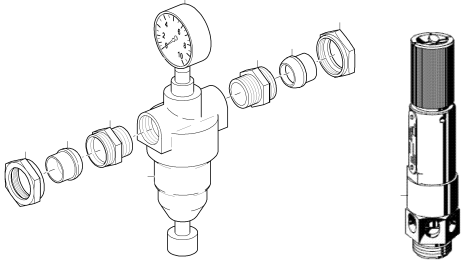
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
150	006796012100	CONICL SPRING WASHER	4	PC	12 G		12	DIN6796
200	204032012002	HEX NUT	4	PC			M 12	ISO4032
250	204017012009	HEX SCREW	4	PC	45 G	MN	M 12 X 40	ISO4017
400	206796010000	CONICL SPRING WASHER	4	PC	6,100 G		10	DIN6796
450	204017010016	HEX SCREW	4	PC	26,500 G		M 10 X 32	ISO4017

GROUP NUMBER (FG)

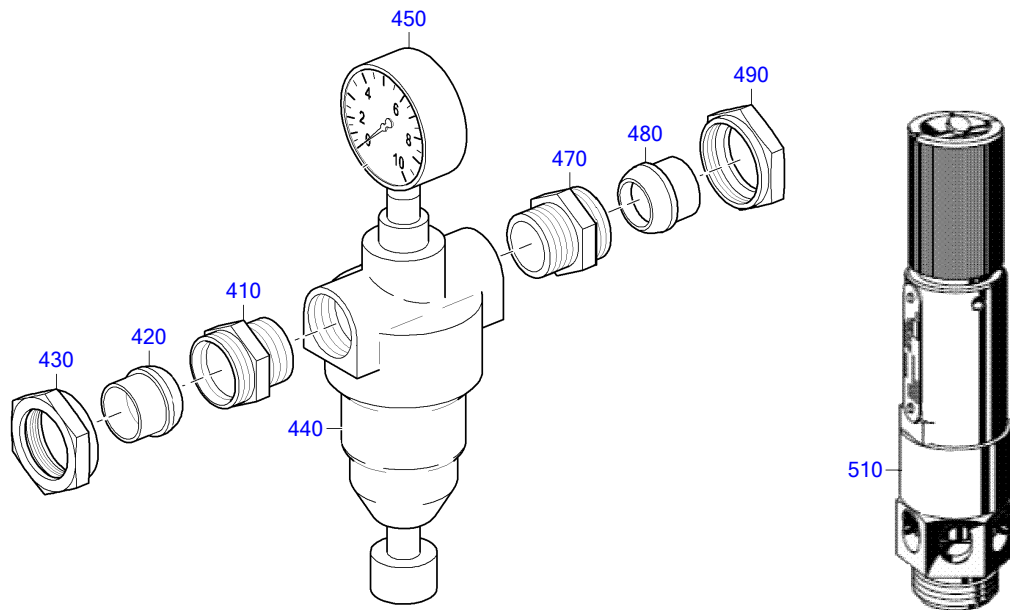
GROUP NAME

BOM-No.

ACCESSORIES FOR AIR START
XS596360.00054



18301479



18301479

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
410	X52617300003	SCREW-FITTING UNION FOR COMPRESSED AIR		1	PC	384 G		
420	735184042001	BALL-TYPE UNION		1	PC	28 G	B2-42	MTN5184
430	000000004272	NUT		1	PC	128,500 G	40 M 52 X 1,5	N15001
440	X00037913/87	PRESS REDUCING VALVE		1	PC	3,075 KG		
450	X00037916	PRESSURE GAUGE		1	PC	228,100 G		
470	X52617300003	SCREW-FITTING UNION FOR COMPRESSED AIR		1	PC	384 G		
480	735184042001	BALL-TYPE UNION		1	PC	28 G	B2-42	MTN5184
490	000000004272	NUT		1	PC	128,500 G	40 M 52 X 1,5	N15001
510	X59617500003/87	SAFETY VALVE	S245B-1ZE13.0	1	PC			

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S

SERIAL NUMBER: 527110276

MONITORING AND CONTROL SYSTEM, GENERAL ELECTRICAL
EQUIPMENT

FG/FGS: 500

GROUP NUMBER (FG)

GROUP NAME

BOM-No.

CONTROL UNIT F.ENGINE INTERFACE

XS00E500.02015

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CONTROL UNIT F.ENGINE INTERFACE

SERIAL NUMBER: 527110276

FG/FGS: 500 98
BOM-No.: XS00E500.02015

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS
50	B00E50201528/S0002	MONITOR WITH SOFTWARE	EIM 2-02	1	PC

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
MONITOR WITH SOFTWARE

SERIAL NUMBER: 527110276

FG/FGS:

BOM-No.: B00E50201528/S0002

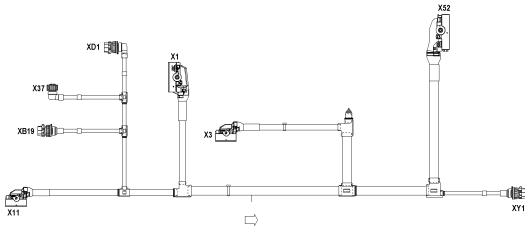
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
130		PLUG-IN BOARD UPPER PART	EIM 2-02	1	PC	1,350 KG	KE		
160	700429214000	O-RING		1	PC	10 G		214 X 3	MMN429
170	000000002668	SCREW		8	PC	10 G		M 4 X 12	DIN912
190	X00E50200338	DUST CAP FOR CONNECTOR	STAUBKAPPE MCP 62 POL.	2	PC			FUER AMP-BUCHSENGEHAEUSE-62POL	
200	X00E50204759	COVER PLATE	EIM 1-01	1	PC			UB 102X103X3 -X51-POWER	
210	X00E50204758	COVER PLATE	EIM 1-01	1	PC	164 G		UB 102X103X3 -X52-STARTER	
220	200125004301	WASHER		10	PC	0,320 G		A 4,3	DIN125
230	204762004010	SCREW		8	PC	1,700 G		M 4 X 10	ISO4762
240	X00E50205850	RETAINER PLATE FOR CABLE	EIM 1-01	1	PC			AB 70X53X3	
250	200125005300	WASHER		3	PC	0,430 G		A 5,3	DIN125
260	000912005039	SCREW		2	PC	3,440 G		M 5 X 12	DIN912
270	916016035201	CLAMP		1	PC	43 G		BRSGU 35/20	N16016
280	916016020202	CLAMP		1	PC	29 G		BRSGU 20/20	N16016
290	200125008400	WASHER		2	PC	1,500 G		A 8,4	DIN125
300	204762008007	SCREW		2	PC	11 G		M 8 X 16	ISO4762
320	000000003183	HEX NUT		2	PC	0,800 G		M 4	ISO4032
340	000000002215	HEX NUT		1	PC	1,200 G		M 5	ISO4032
350	200125006400	WASHER		7	PC	0,700 G		A 6,4	DIN125
360	000000002218	HEX NUT		5	PC	2,300 G		M 6	ISO4032
400	916016008200	CLAMP		2	PC	9,400 G		BRSGU 8/15	N16016
410	916016010201	CLAMP		1	PC	9,310 G		BRSGU 10/15	N16016
420	916016012200	CLAMP		1	PC	10,910 G		BRSGU 12/15	N16016
430	916016015202	CLAMP		1	PC	13,700 G		BRSGU 15/15	N16016
440	000000004737	CLAMP		1	PC	15,300 G		BRSGU S 20/15	N16016
450	000000003931	CLAMP		1	PC	13 G		BRSGU S 25/15	N16016
460	204762006004	SCREW		2	PC			M 6 X 12	ISO4762
470	0035314381	CABLE CLAMP		1	PC	0,500 G		L= 150MM, B= 3,6MM	
490	B00E50201528/77	MONITOR WITH SOFTWARE	EIM 2-02	1	PC				

GROUP NUMBER (FG)

GROUP NAME

BOM-No.

CABLING F.ENGINE INTERFACE
XS00E500.01228



50702417a

ENGINE CABLING FOR ON-ENGINE SENSO
XS00E500.01622

RETAINER F. WIRING HARNESS
XS595500.00059

RETAINER F.ADEC A. WIRE HARN
XS595500.00076

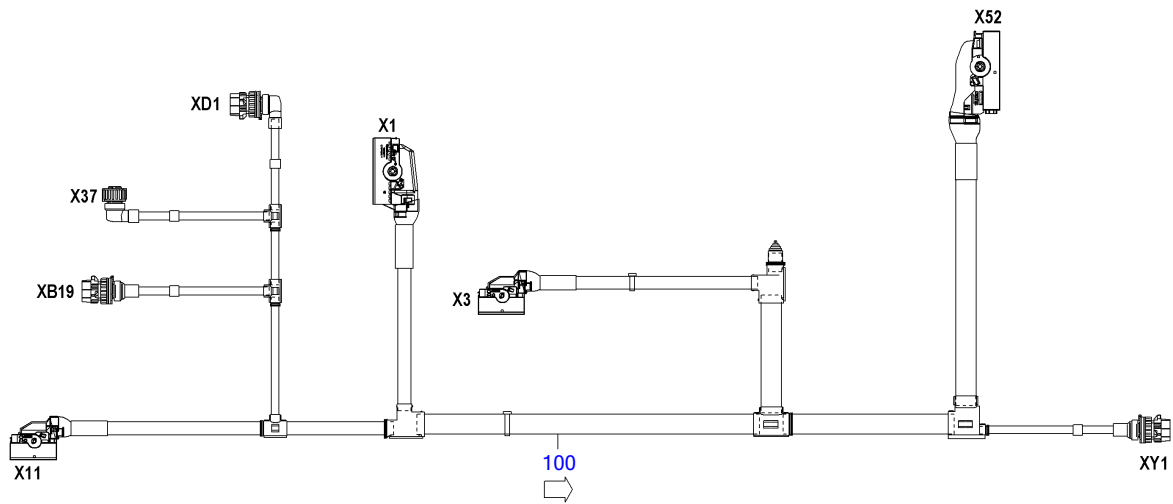
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CABLING F.ENGINE INTERFACE

SERIAL NUMBER: 527110276

FG/FGS: 507 98

BOM-No.: XS00E500.01228



50702417a

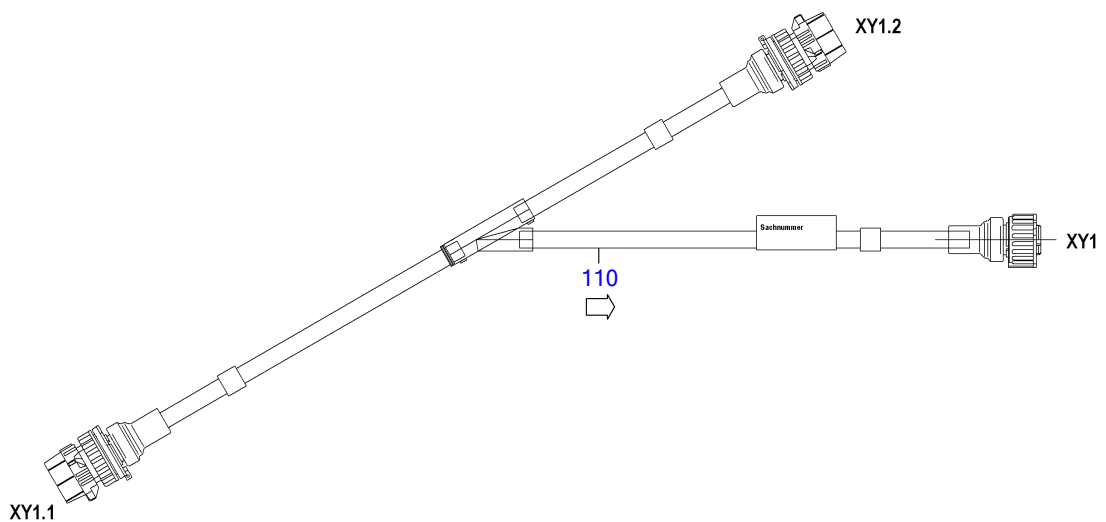
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CABLING F.ENGINE INTERFACE

SERIAL NUMBER: 527110276

FG/FGS: 507 98

BOM-No.: XS00E500.01228



50702769

EQUI TYPE: Engine

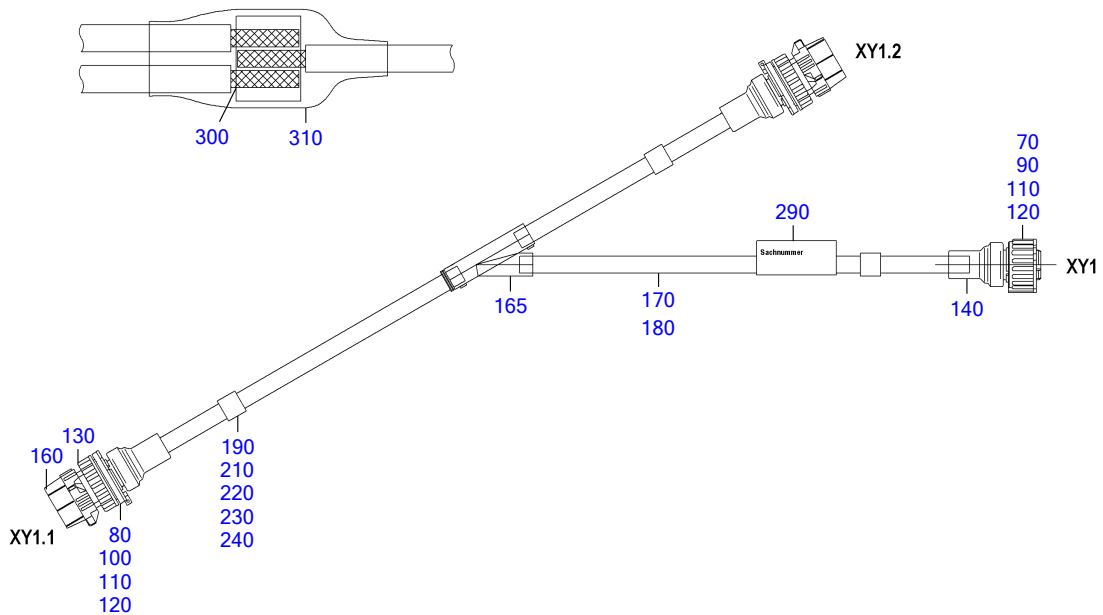
PRODUCT TYPE: 16V4000M23S
CABLING F.ENGINE INTERFACE

SERIAL NUMBER: 527110276

FG/FGS: 507 98

BOM-No.: XS00E500.01228

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT
100	X00E50700472	WIRING HARNESS F.ENGINE INTERFACE	S400M23-63	1	PC	1,965 KG	M. LIMA_ M. EMU
110	X00E50205182	CONNECTING CABLE FOR AIR START	16V4000M23-M63	1	PC	0,202 KG	PNEUM.ANLASSUNG



50702770

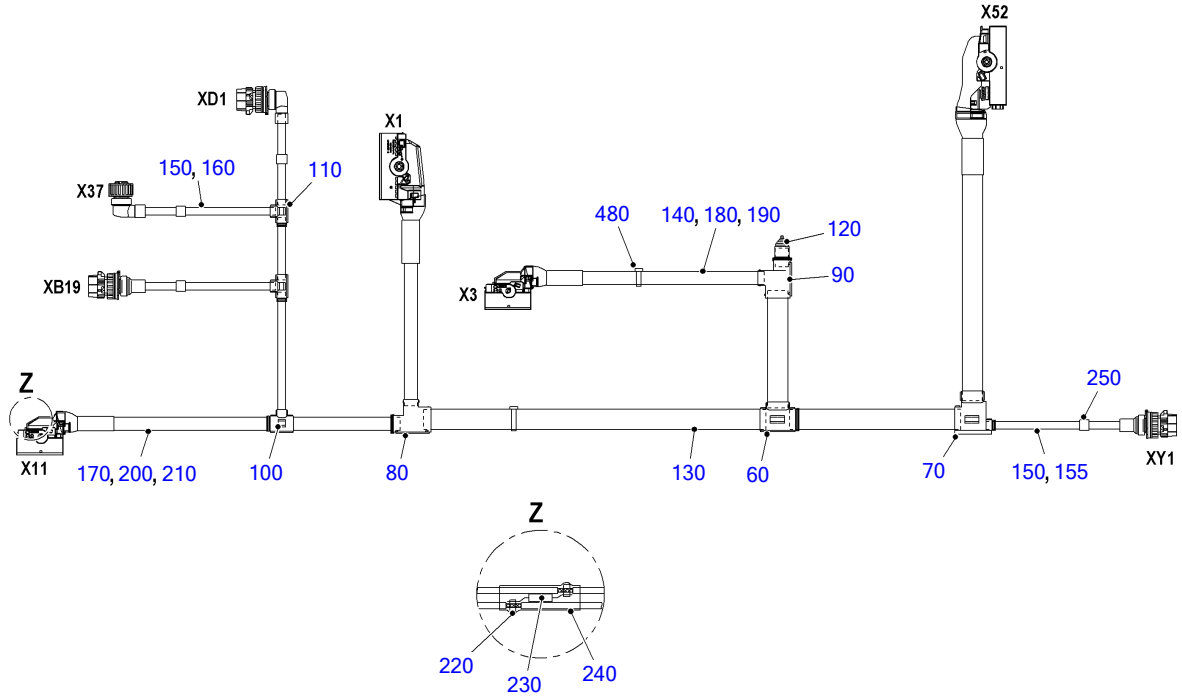
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
70	0165313283	MALE CONNECTOR	STECKER F. BU-KONTAKTE 2,5MM	1	PC	11,500 G		4POL. CODE 1 / DIN 72585	
80	0165313883	FEMALE CONNECTOR		2	PC	13,400 G		4POL. CODE 1 / DIN 72585	
90	0165313383	FEMALE CONTACT		2	PC	0,200 G		0,5-1,0 MM ² / D=2,5MM	
100	0165313983	PIN CONTACT	STIFTKONTAKT VERSILBERT	4	PC	0,700 G		0,5-1,0 MM ² / D=2,5MM	
110	0165313583	BLANKING PLUG	BLINDSTOPFEN	6	PC	0,100 G		SYSTEM 2,5MM / 2,8MM	
120	0165313483	SINGLE-CORE INSUL		6	PC	0,100 G		1,2-2,0 MM / D2,5MM	
130	0165314683	BAYONET COUPLING	BEFESTIGUNGSRING	2	PC	2,800 G		DIN 72585	
140	0165313783	CAP	STECKERKAPPE WELLROHRADAPTER	3	PC	4,470 G		180 GRAD / NW10 / DIN 72585	
160	0165314383	DUST CAP	BAJONETTGEOMETRIE DIN 72585	2	PC	10 G		STAUBSCHUTZKAPPE FUER STECKDOSE	
165	0005331143	PIPE JOINT		1	PC	6,190 G		Y-ABZWEIG 10-10-10	
170	0095319080	CABLE	RADDOX 155S RW VERDRILLT	3	M			1X2X1,0QMM / WS / NUMMERIERT	
180	0005337043	PIPE	359.	3	M			WELLROHR NW10	
190	700461105028	MARKER SLEEVE		2	PC			5/.	MMN461
210	700461105023	MARKER SLEEVE		3	PC			5/X	MMN461
220	700461105024	MARKER SLEEVE		3	PC			5/Y	MMN461
230	700461205001	MARKER SLEEVE		4	PC			5/1	MMN461
240	700461205002	MARKER SLEEVE		1	PC			5/2	MMN461
290		IDENTIFICATION PLATE ELAT		2	PC		KE	47X135MM, BEDRUCKBAR 47X25MM	
300	0035311185	BLADE CONNECTOR	CRIMPVERBINDER PARALLEL	2	PC	1 G		2,7-6,6 MM ² / BLANK / VERZINNT	
310	0005311575	SHRINKABLE HOSE	SSCHL. 50MM KL	2	PC	0,800 G		5,7/1,27MM, L=50MM, TRANSPARENT	

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
WIRING HARNESS F.ENGINE INTERFACE

SERIAL NUMBER: 527110276

FG/FGS:
BOM-No.: X00E50700472



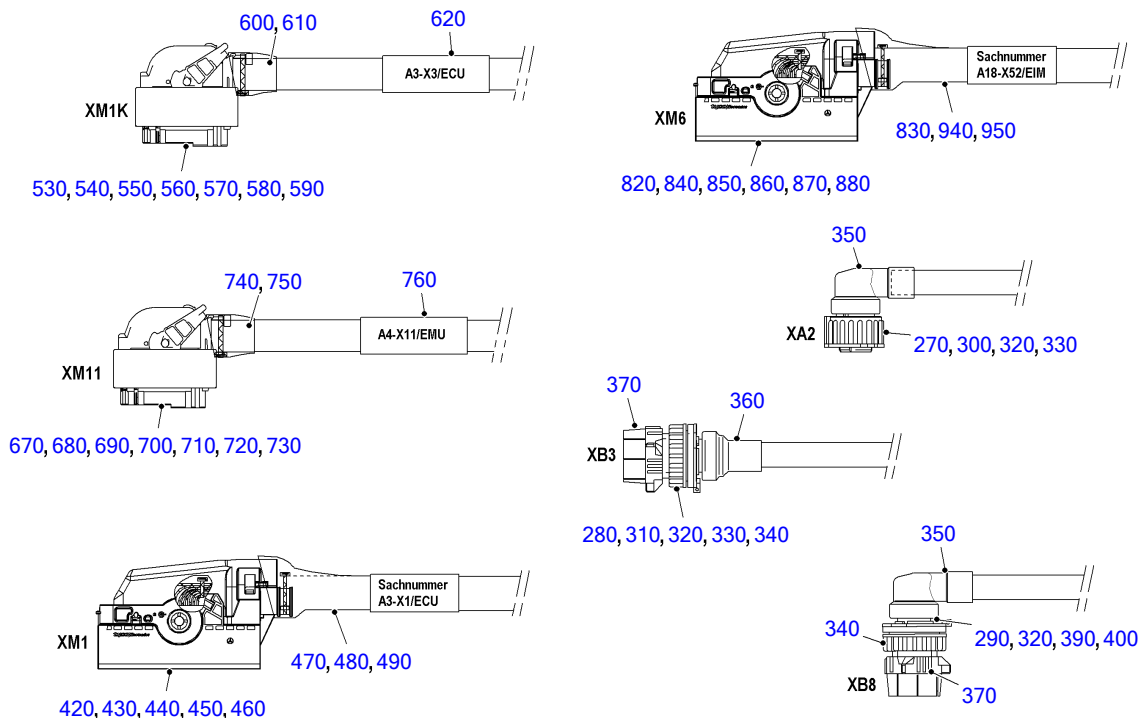
50702414a

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
WIRING HARNESS F.ENGINE INTERFACE

SERIAL NUMBER: 527110276

FG/FGS:
BOM-No.: X00E50700472



50702819

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
60	X00027377	DISTRIBUTOR		1	PC	16,300 G		T-ABZWEIG 26-26-26
70	X00E50205335	BRANCH FOR CABLE RUNNING	T-SNAP LOCK 26-26-10	1	PC			T-ABZWEIG 26-26-10 HALBSCHALE
80	X00E50202551	BRANCH F. WIRING HARNESS		1	PC	50 G		T-ABZWEIG 26-17-26 HALBSCHALE
90	X00005206	DISTRIBUTOR F. WIRING HARNESS		1	PC	10 G		T-ABZWEIG 26-17-17
100	0005331043	PIPE JOINT		1	PC	7,130 G		T-ABZWEIG 17-10-17
110	0005331443	PIPE		2	PC	4,930 G		T-ABZWEIG 10-10-10
120	0015336931	CAP	FUER WELLROHR	1	PC	1 G		DN17 AD=21,2MM
130	0005338643	PIPE	359.	2,100	M			WELLROHR NW26
140	0005337143	PIPE	359.	1,700	M			WELLROHR NW17
150	0005337043	PIPE	359.	1,250	M			WELLROHR NW10
155	0095319080	CABLE	RADDOX 155S RW VERDRILLT	0,700	M			1X2X1,0QMM / WS / NUMMERIERT
160	0095318880	CABLE	RADDOX 155S RW VERDRILLT	25,800	M	28 G		1X2X0,5QMM / WS / NUMMERIERT
170	0095318980	CABLE	RADDOX 155S RW VERDRILLT	33,100	M			1X3X0,5QMM / WS / NUMMERIERT
180	0095319480	CABLE	RADOX 155S FLR	4	M			1X2,5QMM / RD / FEINDRÄHTIG
190	0095319580	CABLE	RADOX 155S FLR	4	M			1X2,5QMM / SW / FEINDRÄHTIG
200	X00E50200860	SINGLE CONDUCTOR	RADOX 155S FLR	2,800	M			1X1,5QMM / RD / FEINDRÄHTIG
210	X00E50200861	SINGLE CONDUCTOR	RADOX 155S FLR	2,800	M			1X1,5QMM / BK / FEINDRÄHTIG
220	0015318285	BLADE CONNECTOR	CRIMPVERBINDER PARALLEL	4	PC	0,500 G		1,0-2,5 MM ² / BLANK / VERZINNT
230	0015318702	RESISTOR	MK2_121R	2	PC	0,100 G		TK50 1% 0,4W
240	0005311575	SHRINKABLE HOSE	SSCHL. 50MM KL	2	PC	0,800 G		5,7/1,27MM, L=50MM, TRANSPARENT
250	0035337689	IDENTIFICATION PLATE	KML	1	PC			23X13/55MM GELB, 40 STK/BLATT
270	0165313283	MALE CONNECTOR	STECKER F. BU-KONTAKTE 2,5MM	1	PC	11,500 G		4POL. CODE 1 / DIN 72585
280	0165313883	FEMALE CONNECTOR		2	PC	13,400 G		4POL. CODE 1 / DIN 72585
290	X00E50200311	FEMALE CONNECTOR	STECKDOSE F. ST-KONTAKTE 1,5MM	1	PC	14 G		7POL. CODE 1 / DIN 72585
300	0165313383	FEMALE CONTACT		4	PC	0,200 G		0,5-1,0 MM ² / D=2,5MM
310	0165313983	PIN CONTACT	STIFTKONTAKT VERSILBERT	6	PC	0,700 G		0,5-1,0 MM ² / D=2,5MM
320	0165313583	BLANKING PLUG	BLINDSTOPFEN	7	PC	0,100 G		SYSTEM 2,5MM / 2,8MM
330	0165313483	SINGLE-CORE INSUL		10	PC	0,100 G		1,2-2,0 MM / D2,5MM
340	0165314683	BAYONET COUPLING	BEFESTIGUNGSRING	3	PC	2,800 G		DIN 72585
350	0165313683	CAP	STECKERKAPPE WELLROHRADAPTER	2	PC	5,760 G		90 GRAD / NW10 / DIN 72585
360	0165313783	CAP	STECKERKAPPE WELLROHRADAPTER	2	PC	4,470 G		180 GRAD / NW10 / DIN 72585
370	0165314383	DUST CAP	BAJONETTGEOMETRIE DIN 72585	3	PC	10 G		STAUBSCHUTZKAPPE FUER STECKDOSE
390	X00E50200309	PIN CONTACT	STIFTKONTAKT VERSILBERT	3	PC	2 G		0,5-1,0 MM ² / D=1,5MM
400	0185313083	SINGLE-CORE INSUL	EINZELADERABDICHTUNG	3	PC	1 G		1,2-2,1 MM / MCP2,8
420	0025318385	BLADE CONNECTOR	BUCHSENGEHÄUSE MCP1,5	1	PC	63,200 G		46POL / NW22 / CODE-A / 90GRD
430	0025319385	BLADE CONNECTOR	BUCHSENKONTAKT VERSILBERT	28	PC	0,400 G		0,5-1,0 MM ² / MCP1,5
440	0025319585	BLADE CONNECTOR	EINZELADERABDICHTUNG	28	PC	0,050 G		1,4-1,9 MM / MCP1,5
450	0185317083	BLANKING PLUG FOR CONNECTOR	BLINDSTOPFEN	18	PC	0,050 G		MCP1,5
460	0025319085	BLADE CONNECTOR	KAPPE FÜR MCP BUCHSENGEHÄUSE	1	PC	10,800 G		46POL / NW22
470	0011596139	SHRINKABLE HOSE		0,120	M			52/13/MIT KLEBER
480	0035314381	CABLE CLAMP		2	PC	0,500 G		L= 150MM, B= 3,6MM
490		IDENTIFICATION PLATE	ELAT	2	PC		KE	47X135MM, BEDRUCKBAR 47X25MM
530	0025318785	BLADE CONNECTOR	BUCHSENGEHÄUSE MCP2,8	1	PC	47 G		21POL / NW17 / CODE-A / 90GRD
540	0025319285	BLADE CONNECTOR	BUCHSENKONTAKT VERSILBERT	6	PC	0,600 G		1,5-2,5 MM ² , MCP2,8
550	0025319485	SINGLE-CORE INSUL	EINZELADERABDICHTUNG	6	PC	0,300 G		2,2-3,0 MM / MCP2,8

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
560	0025319785	BLADE CONNECTOR	BUCHSENKONTAKT VERSILBERT	2	PC	1,200 G		0,5-1,0 MM ² / MCP2,8
570	0185313083	SINGLE-CORE INSUL	EINZELADERABDICHTUNG	2	PC	1 G		1,2-2,1 MM / MCP2,8
580	0165313583	BLANKING PLUG	BLINDSTOPFEN	13	PC	0,100 G		SYSTEM 2,5MM / 2,8MM
590	0025318985	BLADE CONNECTOR	KAPPE FÜR MCP BUCHSENGEHÄUSE	1	PC	5 G		21POL / NW17
600	0011596139	SHRINKABLE HOSE		0,120	M			52/13/MIT KLEBER
610	0035314381	CABLE CLAMP		2	PC	0,500 G		L= 150MM, B= 3,6MM
620		IDENTIFICATION PLATE	ELAT	2	PC		KE	47X135MM, BEDRUCKBAR 47X25MM
670	X00018613	MULTIPOINT CONNECTOR	BUCHSENGEHÄUSE MCP2,8	1	PC	30 G		21POL / NW17 / CODE-B / 90GRD
680	0025319285	BLADE CONNECTOR	BUCHSENKONTAKT VERSILBERT	2	PC	0,600 G		1,5-2,5 MM ² , MCP2,8
690	0025319485	SINGLE-CORE INSUL	EINZELADERABDICHTUNG	2	PC	0,300 G		2,2-3,0 MM / MCP2,8
700	0025319785	BLADE CONNECTOR	BUCHSENKONTAKT VERSILBERT	7	PC	1,200 G		0,5-1,0 MM ² / MCP2,8
710	0185313083	SINGLE-CORE INSUL	EINZELADERABDICHTUNG	7	PC	1 G		1,2-2,1 MM / MCP2,8
720	0165313583	BLANKING PLUG	BLINDSTOPFEN	12	PC	0,100 G		SYSTEM 2,5MM / 2,8MM
730	0025318985	BLADE CONNECTOR	KAPPE FÜR MCP BUCHSENGEHÄUSE	1	PC	5 G		21POL / NW17
740	0011596139	SHRINKABLE HOSE		0,120	M			52/13/MIT KLEBER
750	0035314381	CABLE CLAMP		2	PC	0,500 G		L= 150MM, B= 3,6MM
760		IDENTIFICATION PLATE	ELAT	2	PC		KE	47X135MM, BEDRUCKBAR 47X25MM
820	X00E50200336	SEPARABLE CONNECTOR	BUCHSENGEHÄUSE MCP2, 8+MCP 1,5	1	PC	87,400 G		62(6+56)POL/NW26/ CODE-A/ 90GRD
830	0011596139	SHRINKABLE HOSE		0,120	M			52/13/MIT KLEBER
	0025319285	BLADE CONNECTOR	BUCHSENKONTAKT VERSILBERT	6	PC	0,600 G		1,5-2,5 MM ² , MCP2,8
840	0025319485	SINGLE-CORE INSUL	EINZELADERABDICHTUNG	6	PC	0,300 G		2,2-3,0 MM / MCP2,8
850	0025319785	BLADE CONNECTOR	BUCHSENKONTAKT VERSILBERT	40	PC	1,200 G		0,5-1,0 MM ² / MCP2,8
860	0185313083	SINGLE-CORE INSUL	EINZELADERABDICHTUNG	40	PC	1 G		1,2-2,1 MM / MCP2,8
870	0165313583	BLANKING PLUG	BLINDSTOPFEN	16	PC	0,100 G		SYSTEM 2,5MM / 2,8MM
880	X00E50200337	SEPARABLE CONNECTOR	KAPPE FÜR MCP BUCHSENGEHÄUSE	1	PC	13 G		62POL / NW26
940	0035314381	CABLE CLAMP		2	PC	0,500 G		L= 150MM, B= 3,6MM
950		IDENTIFICATION PLATE	ELAT	2	PC		KE	47X135MM, BEDRUCKBAR 47X25MM

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
90	X00E50700436	WIRING HARNESS TO INJECTOR	16V4000M23-M63	1	PC	2,495 KG		ECU7 X4	
120	X00E50700629	WIRING HARNESS FOR ON-ENGINE SENSO	16V4000M23-M63	1	PC	4,340 KG		ECU7 X2	
140	X00E50700442	WIRING HARNESS FOR ON-ENGINE SENSO	16V4000M23-M63	1	PC			EMU7 X12 O.EA	
200	0035352531	PRESSURE SENSOR		1	PC		AB EM	M14X1,5,SW= 27, 0-10BAR_RELATIV	
220	0035352531	PRESSURE SENSOR		1	PC		AB EM	M14X1,5,SW= 27, 0-10BAR_RELATIV	
230	5069971416	BUSHING THREADED	8/12V183TE02/93	1	PC	27,377 G			
240	007603018104	WASHER A COP		1	PC	2 G		A 18 X 24	DIN7603
260	X00E50208388	PRESSURE SENSOR	0 - 10 BAR REL, EPN	1	PC	110 G	AB	M14X1,5, SW=27	
280	X00018659	PRESSURE SENSOR		1	PC	92,100 G	EM	M18X1,5, SW=27, 0,5-6 BAR_ABSOL	
295	X00E50207201	PRESSURE SENSOR	15 BAR REL.	1	PC	121,400 G	AB	ISO M14X1,5; SW=27 L=56 TYP:EPN	
310	X00E50207201	PRESSURE SENSOR	15 BAR REL.	1	PC	121,400 G	AB	ISO M14X1,5; SW=27 L=56 TYP:EPN	
360	0185314583	DUST CAP	BAJONETTGEOMETRIE DIN 72585	1	PC	5 G	AB	SCHUTZKAPPE FÜR STECKERGEHÄUSE	DIN72585
370	0025317381	QUICK-CATCH CLAMP	T50S_151X4,8MM	1	PC	1,500 G		L	
390	X00E50207217	PRESSURE SENSOR	2000 BAR REL.	1	PC	115 G	AB EM	KEGEL,M18X1,5, SW=27,L=56, EPN	
410	0035352231	PRESSURE SENSOR		1	PC	134,500 G		M14X1,5,SW=38, +/- 70MBAR_RELAT.	
425	X00E50201372	TEMPERATURE SENSOR	PT100 ABGAS	1	PC	230 G	EM	M14X1,5,110MM, KABEL=1M,STECKER,	
440	X00E50201372	TEMPERATURE SENSOR	PT100 ABGAS	1	PC	230 G	EM	M14X1,5,110MM, KABEL=1M,STECKER,	
455	X00010488	TEMPERATURE SENSOR	PT1000	1	PC	0,550 G	AB EM	DIN72585 2-POL. CODE 1	
465	0005356430	TEMPERATURE SENSOR	PT1000	1	PC	50 G	AB EM	M14X1,5, L=29, STECKER DIN72585,	
475	0005356430	TEMPERATURE SENSOR	PT1000	1	PC	50 G	AB EM	M14X1,5, L=29, STECKER DIN72585,	
485	0005356430	TEMPERATURE SENSOR	PT1000	1	PC	50 G	AB EM	M14X1,5, L=29, STECKER DIN72585,	
500	0005356430	TEMPERATURE SENSOR	PT1000	1	PC	50 G	AB EM	M14X1,5, L=29, STECKER DIN72585,	
520	X00E50201370	TEMPERATURE SENSOR	PT100 ABGAS	1	PC	196 G	AB EM	M14X1,5, 58MM, KABEL=1M,STECKER,	
540	0005358133	SPEED SENSOR	BR4000;NW;	1	PC	0,595 G	AB EM	D=19X60,KABELL.=750MM,	
550	304017008077	BOLT HEX A3C S2000/4000		1	PC	10 G		M 8 X 16	ISO4017
560	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125
580	0005357633	SPEED SENSOR	BR4000;KW;	1	PC		EM	D=19X60,KABELL.=700MM,	
590	304017008077	BOLT HEX A3C S2000/4000		1	PC	10 G		M 8 X 16	ISO4017
600	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125
615	5205304069	SPEED TRANSMITTER	VDO-PICK-UP	1	PC	98 G	AB	MIT DIN-STECKER CODE 1	
630	5205304069	SPEED TRANSMITTER	VDO-PICK-UP	1	PC	98 G	AB	MIT DIN-STECKER CODE 1	
680	X00E50203667	LEVEL MONITOR	BEDIA CLS-50, OELSONDE	1	PC	110 G	AB	OELSONDE, DYN.UB-VERHALTEN	
690	007603018101	COPPER SEALING RING		1	PC	1,300 G		A 18 X 22	DIN7603
705	635H22706/2	SWITCH		1	PC	148,900 G			
707	304014004001	BOLT HEX A3C		2	PC	3,500 G		M 4 X 35	ISO4014
708	007349004000	WASHER		2	PC	1,100 G		4,3	DIN7349
720	635H22706/2	SWITCH		1	PC	148,900 G			
722	304014004001	BOLT HEX A3C		2	PC	3,500 G		M 4 X 35	ISO4014
724	007349004000	WASHER		2	PC	1,100 G		4,3	DIN7349
780	0165313883	FEMALE CONNECTOR		1	PC	13,400 G		4POL. CODE 1 / DIN 72585	
790	0165314683	BAYONET COUPLING	BEFESTIGUNGSRING	1	PC	2,800 G		DIN 72585	
810	0165313583	BLANKING PLUG	BLINDSTOPFEN	4	PC	0,100 G		SYSTEM 2,5MM / 2,8MM	

EQUI TYPE: Engine

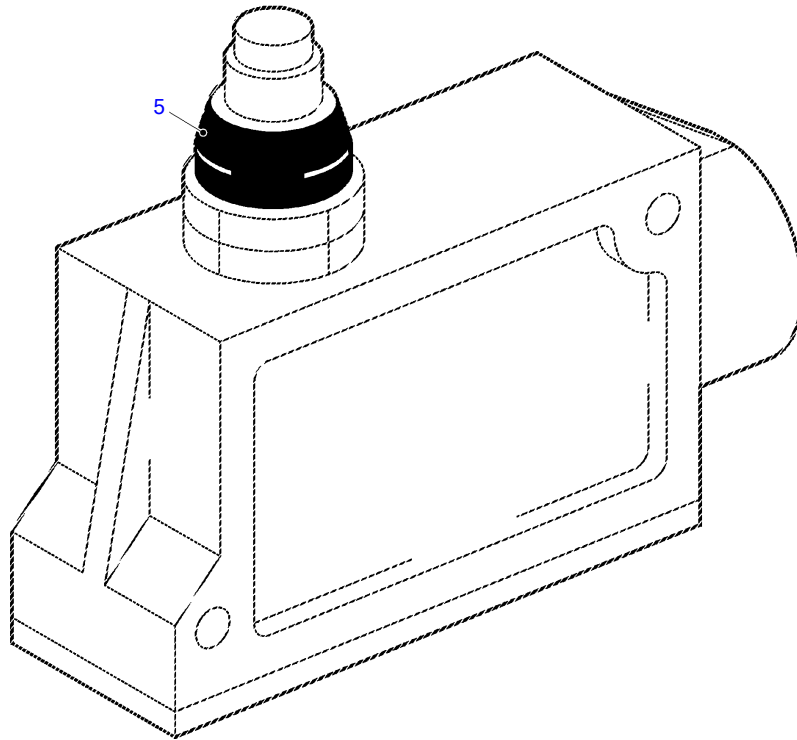
PRODUCT TYPE: 16V4000M23S
ENGINE CABLING FOR ON-ENGINE SENSO

SERIAL NUMBER: 527110276

FG/FGS: 507 98

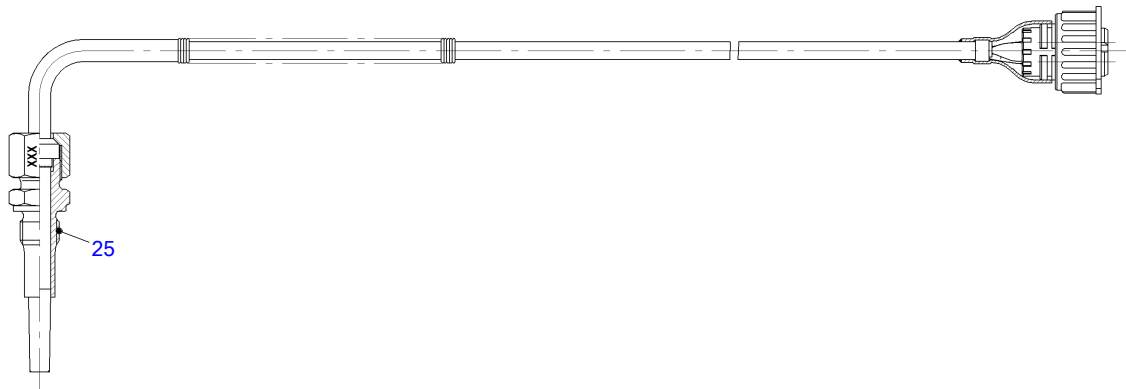
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POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
840	0035352531	PRESSURE SENSOR		1	PC		AB EM	M14X1,5,SW= 27, 0-10BAR_RELATIV	
880	0165313883	FEMALE CONNECTOR		1	PC	13,400 G		4POL. CODE 1 / DIN 72585	
890	0165314683	BAYONET COUPLING	BEFESTIGUNGSRING	1	PC	2,800 G		DIN 72585	
910	0165313583	BLANKING PLUG	BLINDSTOPFEN	4	PC	0,100 G		SYSTEM 2,5MM / 2,8MM	
930	0005356430	TEMPERATURE SENSOR	PT1000	1	PC	50 G	AB EM	M14X1,5, L=29, STECKER DIN72585,	
950	0005357633	SPEED SENSOR	BR4000;KW;	1	PC		EM	D=19X60,KABELL.=700MM,	
960	304017008077	BOLT HEX A3C S2000/4000		1	PC	10 G		M 8 X 16	ISO4017
970	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125



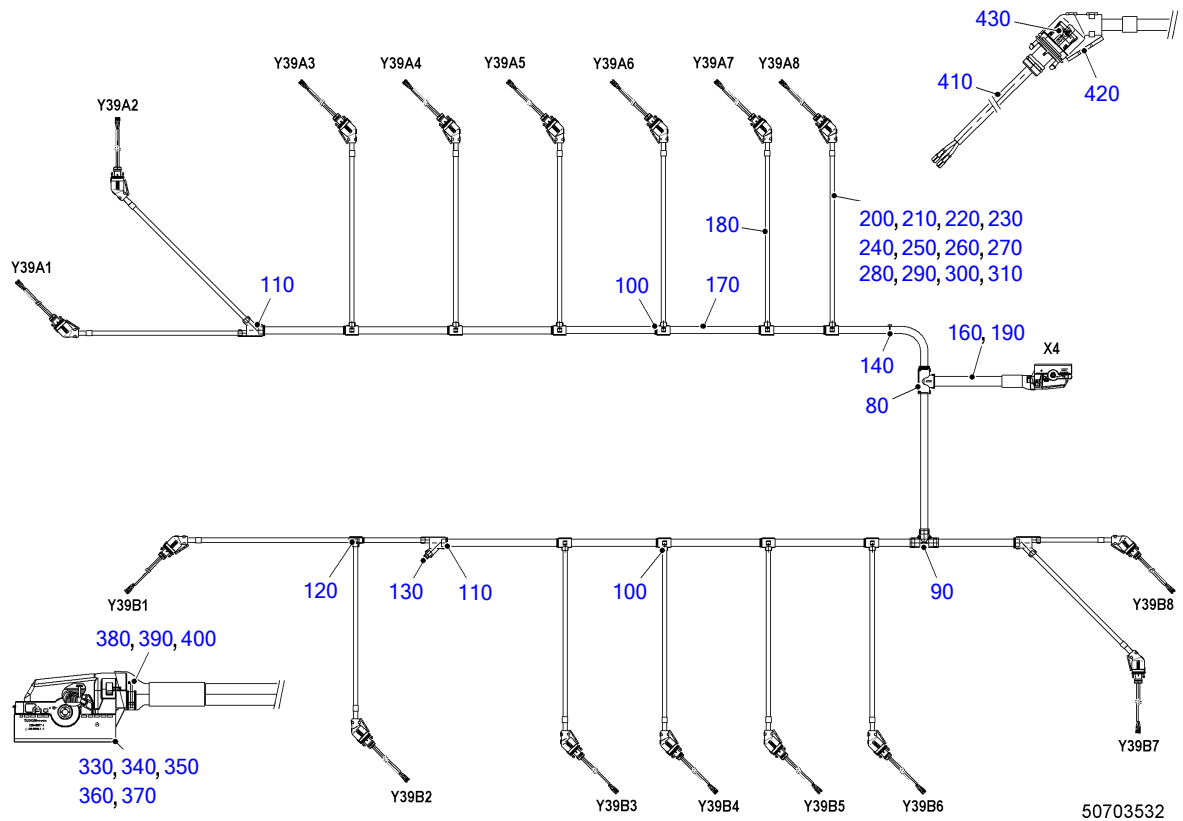
50702215a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
5	8599970017	GROMMET	1	PC	0,510 G



50701427a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
25	8499970115	UNION	1	PC	63 G	MN	M14X1.5 83MM HUELSENLAENGE



POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
80	X00005706	DISTRIBUTOR FOR CABLING		1	PC			T-ABZWEIG 17-22-17	
90	X00E50209720	PIPE	PA 6, IP66	1	PC	20 G		T-ABZWEIG 17-17-17	
100	0005331043	PIPE JOINT		10	PC	7,130 G		T-ABZWEIG 17-10-17	
110	0005337443	PIPE	492.	3	PC	8,100 G		Y-ABZWEIG 17-10-10	
120	0005331443	PIPE		1	PC	4,930 G		T-ABZWEIG 10-10-10	
130	0015336331	CAP	BR2000/4000	1	PC	2,830 G		FUER WELLROHR DN10 AD=13MM	
140	0035314381	CABLE CLAMP		1	PC	0,500 G		L= 150MM, B= 3,6MM	
160	0005338543	PIPE	359.	0,340	M			NW22, AD=25,3MM SW GROBPROFIL	
170	0005337143	PIPE	359.	6,700	M			WELLROHR NW17	
180	0005337043	PIPE	359.	6,300	M			WELLROHR NW10	
190	0095319080	CABLE	RADDOX 155S RW VERDRILLT	56	M			1X2X1,0QMM / WS / NUMMERIERT	
200	700461105000	ID GROMMET		8	PC			5/A	MMN461
210	700461105001	MARKER SLEEVE		8	PC			5/B	MMN461
220	700461105024	MARKER SLEEVE		16	PC			5/Y	MMN461
230	700461205001	MARKER SLEEVE		2	PC			5/1	MMN461
240	700461205002	MARKER SLEEVE		2	PC			5/2	MMN461
250	700461205003	MARKER SLEEVE		18	PC			5/3	MMN461
260	700461205004	MARKER SLEEVE		2	PC			5/4	MMN461
270	700461205005	IDENTIFICATION MARKER		2	PC			5/5	MMN461
280	700461205006	IDENTIFICATION MARKER		2	PC			5/6	MMN461
290	700461205007	MARKER SLEEVE		2	PC			5/7	MMN461
300	700461205008	IDENTIFICATION MARKER		2	PC			5/8	MMN461
310	700461205009	IDENTIFICATION MARKER		16	PC	1 KG		5/9	MMN461

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
WIRING HARNESS TO INJECTOR

SERIAL NUMBER: 527110276

FG/FGS:

BOM-No.: X00E50700436

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
330	0025318485	BLADE CONNECTOR	BUCHSENGEHÄUSE MCP1,5	1	PC	62,800 G		46POL / NW22 / CODE-B / 90GRD	
340	0025319385	BLADE CONNECTOR	BUCHSENKONTAKT VERSILBERT	32	PC	0,400 G		0,5-1,0 MM ² / MCP1,5	
350	0025319585	BLADE CONNECTOR	EINZELADERABDICHTUNG	32	PC	0,050 G		1,4-1,9 MM / MCP1,5	
360	0185317083	BLANKING PLUG FOR CONNECTOR	BLINDSTOPFEN	14	PC	0,050 G		MCP1,5	
370	0025319085	BLADE CONNECTOR	KAPPE FÜR MCP BUCHSENGEHÄUSE	1	PC	10,800 G		46POL / NW22	
380	0011596139	SHRINKABLE HOSE		0,120	M			52/13/MIT KLEBER	
390	0035314381	CABLE CLAMP		2	PC	0,500 G		L= 150MM, B= 3,6MM	
400		IDENTIFICATION PLATE	ELAT	2	PC			47X135MM, KE BEDRUCKBAR 47X25MM	
410	X00013978	TERMINAL FOR CYLINDER HEAD	BR4000	16	PC	25 G		L=90MM, 250V/1500V/24A 2-POL.	
420	0065319181	TERMINAL		16	PC	4,700 G		HAUBE 45GRAD, FUER WELLROHR N	
430	X00006101	END SLEEVE		32	PC	0,200 G		0,5-1MM M. ISOLATIONSUNTERST.	DIN46228

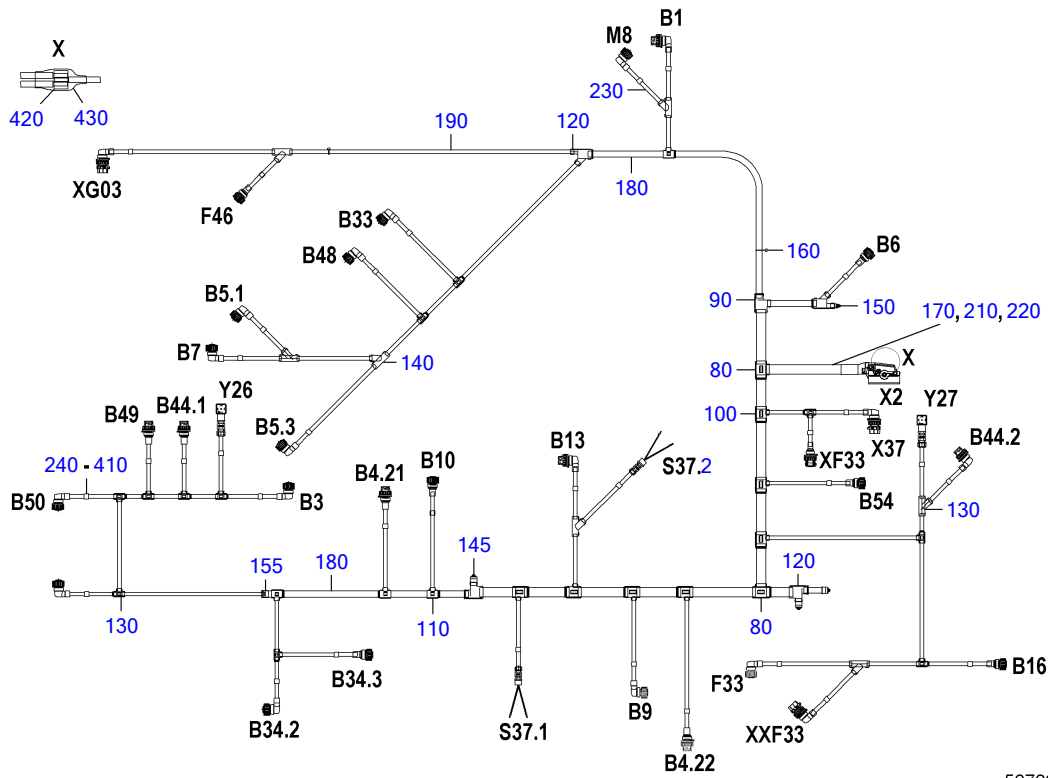
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
80	X00027377	DISTRIBUTOR		1	PC	16,300 G		T-ABZWEIG 26-26-26	
90	X00E50204716	DISTRIBUTOR F. WIRING HARNESS		1	PC		UB	T-ABZWEIG 26-17-10	
100	X00005206	DISTRIBUTOR F. WIRING HARNESS		1	PC	10 G		T-ABZWEIG 26-17-17	
110	X00E50200993	DISTRIBUTOR F. WIRING HARNESS		2	PC	9,700 G	AB	T-ABZWEIG 26-10-26	
120	0005331043	PIPE JOINT		1	PC	7,130 G		T-ABZWEIG 17-10-17	
130	0015336931	CAP	FUER WELLROHR	3	PC	1 G		DN17 AD=21,2MM	
200	0005338643	PIPE	359.	3,600	M			WELLROHR NW26	
210	0005337143	PIPE	359.	1,900	M			WELLROHR NW17	
220	0005337043	PIPE	359.	3,200	M			WELLROHR NW10	
230	0095318880	CABLE	RADDOX 155S RW VERDRILLT	6,500	M	28 G		1X2X0,5QMM / WS / NUMMERIERT	
240	0095318980	CABLE	RADDOX 155S RW VERDRILLT	3,800	M			1X3X0,5QMM / WS / NUMMERIERT	
270	700461105001	MARKER SLEEVE		4	PC			5/B	MMN461
280	700461105028	MARKER SLEEVE		3	PC			5/.	MMN461
290	700461205001	MARKER SLEEVE		2	PC			5/1	MMN461
300	700461205002	MARKER SLEEVE		4	PC			5/2	MMN461
310	700461205003	MARKER SLEEVE		1	PC			5/3	MMN461
330	700461205005	IDENTIFICATION MARKER		3	PC			5/5	MMN461
340	700461205006	IDENTIFICATION MARKER		3	PC			5/6	MMN461
400	0165313283	MALE CONNECTOR	STECKER F. BU-KONTAKTE 2,5MM	3	PC	11,500 G		4POL. CODE 1 / DIN 72585	
410	0165313883	FEMALE CONNECTOR		1	PC	13,400 G		4POL. CODE 1 / DIN 72585	
430	0165313383	FEMALE CONTACT		10	PC	0,200 G		0,5-1,0 MM ² / D=2,5MM	
440	0165313983	PIN CONTACT	STIFTKONTAKT VERSILBERT	2	PC	0,700 G		0,5-1,0 MM ² / D=2,5MM	
450	0165313583	BLANKING PLUG	BLINDSTOPFEN	2	PC	0,100 G		SYSTEM 2,5MM / 2,8MM	
460	0165313483	SINGLE-CORE INSUL		12	PC	0,100 G		1,2-2,0 MM / D2,5MM	
470	0165314683	BAYONET COUPLING	BEFESTIGUNGSRING	1	PC	2,800 G		DIN 72585	
480	0165313683	CAP	STECKERKAPPE WELLROHRADAPTER	3	PC	5,760 G		90 GRAD / NW10 / DIN 72585	
490	0165313783	CAP	STECKERKAPPE WELLROHRADAPTER	1	PC	4,470 G		180 GRAD / NW10 / DIN 72585	
500	0025319385	BLADE CONNECTOR	BUCHSENKONTAKT VERSILBERT	10	PC	0,400 G		0,5-1,0 MM ² / MCP1,5	
510	0025319585	BLADE CONNECTOR	EINZELADERABDICHTUNG	10	PC	0,050 G		1,4-1,9 MM / MCP1,5	
520	0185317083	BLANKING PLUG FOR CONNECTOR	BLINDSTOPFEN	82	PC	0,050 G		MCP1,5	
530	0025319185	BLADE CONNECTOR	KAPPE FUER MCP BUCHSENGEHAEUSE	1	PC	14,100 G		92POL / NW26	
540	0011596139	SHRINKABLE HOSE		0,120	M			52/13/MIT KLEBER	
550	0035314381	CABLE CLAMP		4	PC	0,500 G		L= 150MM, B= 3,6MM	
560		IDENTIFICATION PLATE	ELAT	2	PC			47X135MM, BEDRUCKBAR 47X25MM	
570	X00012742	BLADE CONNECTOR	BUCHSENGEHAEUSE MCP1,5	1	PC	111 G		92POL / NW26 / CODE-B / 90GRD	

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
WIRING HARNESS FOR ON-ENGINE SENSO

SERIAL NUMBER: 527110276

FG/FGS:
BOM-No.: X00E50700629



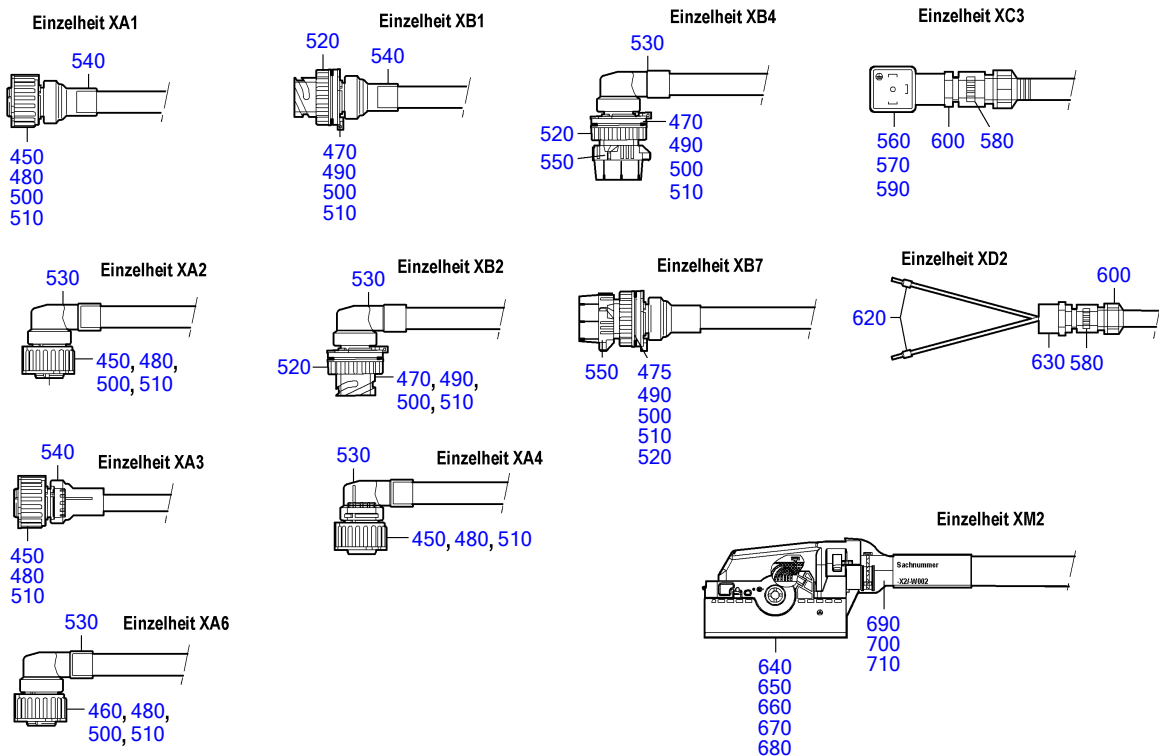
50702774

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
WIRING HARNESS FOR ON-ENGINE SENSO

SERIAL NUMBER: 527110276

FG/FGS:
BOM-No.: X00E50700629



50702775

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
80	X00027377	DISTRIBUTOR		2	PC	16,300 G		T-ABZWEIG 26-26-26	
90	X00005206	DISTRIBUTOR F. WIRING HARNESS		3	PC	10 G		T-ABZWEIG 26-17-17	
100	X00E50200993	DISTRIBUTOR F. WIRING HARNESS		7	PC	9,700 G	AB	T-ABZWEIG 26-10-26	
110	0005331043	PIPE JOINT		4	PC	7,130 G		T-ABZWEIG 17-10-17	
120	0005337443	PIPE	492.	2	PC	8,100 G		Y-ABZWEIG 17-10-10	
130	0005331443	PIPE		10	PC	4,930 G		T-ABZWEIG 10-10-10	
140	0005331143	PIPE JOINT		7	PC	6,190 G		Y-ABZWEIG 10-10-10	
145	0015336931	CAP	FUER WELLROHR	3	PC	1 G		DN17 AD=21,2MM	
150	0015336331	CAP	BR2000/4000	1	PC	2,830 G		FUER WELLROHR DN10 AD=13MM	
155	0005336143	PIPE CABLING AND PIPEWOR	DN17-10	1	PC	8,540 G	AB	REDUZIERSTUECK 17-10	
160	0035314381	CABLE CLAMP		2	PC	0,500 G		L= 150MM, B= 3,6MM	
170	X00E50206794	CORRUGATED PIPE FOR CABLE RUNNING	UFW PA6 V0	5,200	M	5,500 KG	AB	NW26; 31,5/24,9MM; GROBWELLE	
180	X00E50206790	CORRUGATED PIPE FOR CABLE RUNNING	UFW PA6 V0	2,800	M		AB	NW17; 21,2/16,0MM; GROBWELLE	
190	X00E50206788	CORRUGATED PIPE FOR CABLE RUNNING	UFW PA6 V0	15	M		AB	NW10; 13,1/9,3MM; GROBWELLE	
210	0095318880	CABLE	RADDOX 155S RW VERDRILLT	78	M	28 G		1X2X0,5QMM / WS / NUMMERIERT	
220	0095318980	CABLE	RADDOX 155S RW VERDRILLT	47,500	M			1X3X0,5QMM / WS / NUMMERIERT	
230	0095319080	CABLE	RADDOX 155S RW VERDRILLT	1,800	M			1X2X1,0QMM / WS / NUMMERIERT	
240	700461105001	MARKER SLEEVE		22	PC			5/B	MMN461
250	700461105005	MARKER SLEEVE		4	PC			5/F	MMN461
260	700461105006	MARKER SLEEVE		1	PC			5/G	MMN461
270	700461105012	MARKER SLEEVE		1	PC			5/M	MMN461
280	700461105018	MARKER SLEEVE		2	PC			5/S	MMN461
290	700461105023	MARKER SLEEVE		5	PC			5/X	MMN461
300	700461105024	MARKER SLEEVE		2	PC			5/Y	MMN461
310	700461105028	MARKER SLEEVE		10	PC			5/.	MMN461
320	700461205000	MARKER SLEEVE		3	PC	1 KG		5/0	MMN461
330	700461205001	MARKER SLEEVE		9	PC			5/1	MMN461
340	700461205002	MARKER SLEEVE		8	PC			5/2	MMN461
350	700461205003	MARKER SLEEVE		19	PC			5/3	MMN461
360	700461205004	MARKER SLEEVE		13	PC			5/4	MMN461
370	700461205005	IDENTIFICATION MARKER		4	PC			5/5	MMN461
380	700461205006	IDENTIFICATION MARKER		4	PC			5/6	MMN461
390	700461205007	MARKER SLEEVE		5	PC			5/7	MMN461
400	700461205008	IDENTIFICATION MARKER		2	PC			5/8	MMN461
410	700461205009	IDENTIFICATION MARKER		2	PC	1 KG		5/9	MMN461
420	0015318285	BLADE CONNECTOR	CRIMPVERBINDER PARALLEL	2	PC	0,500 G		1,0-2,5 MM ² / BLANK / VERZINNT	
430	0005311575	SHRINKABLE HOSE	SSCHL. 50MM KL	2	PC	0,800 G		5,7/1,27MM, L=50MM, TRANSPARENT	
450	0165313283	MALE CONNECTOR	STECKER F. BU-KONTAKTE 2,5MM	17	PC	11,500 G		4POL. CODE 1 / DIN 72585	
460	0165314083	MALE CONNECTOR	STECKER F. BU-KONTAKTE 2,5MM	1	PC	12 G		4POL. CODE 2 / DIN 72585	
470	0165313883	FEMALE CONNECTOR		10	PC	13,400 G		4POL. CODE 1 / DIN 72585	
475	0165314183	FEMALE CONNECTOR	STECKDOSE ST-KONTAKTE 2,5MM	1	PC	12,900 G		4POL. CODE 2 / DIN 72585	
480	0165313383	FEMALE CONTACT		59	PC	0,200 G		0,5-1,0 MM ² / D=2,5MM	
490	0165313983	PIN CONTACT	STIFTKONTAKT VERSILBERT	26	PC	0,700 G		0,5-1,0 MM ² / D=2,5MM	
500	0165313583	BLANKING PLUG	BLINDSTOPFEN	31	PC	0,100 G		SYSTEM 2,5MM / 2,8MM	
510	0165313483	SINGLE-CORE INSUL		85	PC	0,100 G		1,2-2,0 MM / D2,5MM	
520	0165314683	BAYONET COUPLING	BEFESTIGUNGSRING	11	PC	2,800 G		DIN 72585	
530	0165313683	CAP	STECKERKAPPE WELLROHRADAPTER	18	PC	5,760 G		90 GRAD / NW10 / DIN 72585	

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
WIRING HARNESS FOR ON-ENGINE SENSO

SERIAL NUMBER: 527110276

FG/FGS:
BOM-No.: X00E50700629

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
540	0165313783	CAP	STECKERKAPPE WELLROHRADAPTER	11	PC	4,470 G		180 GRAD / NW10 / DIN 72585	
550	0165314383	DUST CAP	BAJONETTGEOMETRIE DIN 72585	4	PC	10 G		STAUBSCHUTZKAPPE FUER STECKDOSE	
560	0165312883	HOUSING FOR CONNECTOR	4 POL.	2	PC	26 G	AB	WÜRFELSTECKER 4-POL./PG9,	DIN43650-A
570	0015315385	BLADE CONNECTOR	0,5-1,0 MM	4	PC	0,840 G	AB	KONTAKT0,5-1,0MM2,/2,1-2,7	
580	0005331460	SEALING RING	HSK-ME	4	PC	1 G		DICHTUNG 2X1,7MM	
590	0165312983	GASKET FOR CONNECTOR	GDM	2	PC	7 G	AB	DICHTUNG WÜRFELST.	
600	0005314676	CABLE ENTRY	PG9_NW10	4	PC	10,750 G		SCHLAUCHVERSCHR. PG9	
610	0005319181	QUICK-CATCH CLAMP	TYH PA6.6	2	PC	0,250 G		200X2,4MM -40C - 105 C	
620	0015317385	END SLEEVE	ADERENDHUELSE H0,5-14	4	PC	5 G		0,5 QMM	
630	46531	UNION		2	PC	12 G		H PG 13,5 - PG 9	DIN46320
640	0025318885	BLADE CONNECTOR	BUCHSENGEHAEUSE MCP1,5	1	PC	111 G		92POL / NW26 / CODE-A / 90GRD	
650	0025319385	BLADE CONNECTOR	BUCHSENKONTAKT VERSILBERT	64	PC	0,400 G		0,5-1,0 MM² / MCP1,5	
660	0025319585	BLADE CONNECTOR	EINZELADERABDICHTUNG	64	PC	0,050 G		1,4-1,9 MM / MCP1,5	
670	0185317083	BLANKING PLUG FOR CONNECTOR	BLINDSTOPFEN	28	PC	0,050 G		MCP1,5	
680	0025319185	BLADE CONNECTOR	KAPPE FUER MCP BUCHSENGEHAEUSE	1	PC	14,100 G		92POL / NW26	
690	0011596139	SHRINKABLE HOSE		0,120	M			52/13/MIT KLEBER	
700	0035314381	CABLE CLAMP		2	PC	0,500 G		L= 150MM, B= 3,6MM	
710		IDENTIFICATION PLATE	ELAT	2	PC		KE	47X135MM, BEDRUCKBAR 47X25MM	

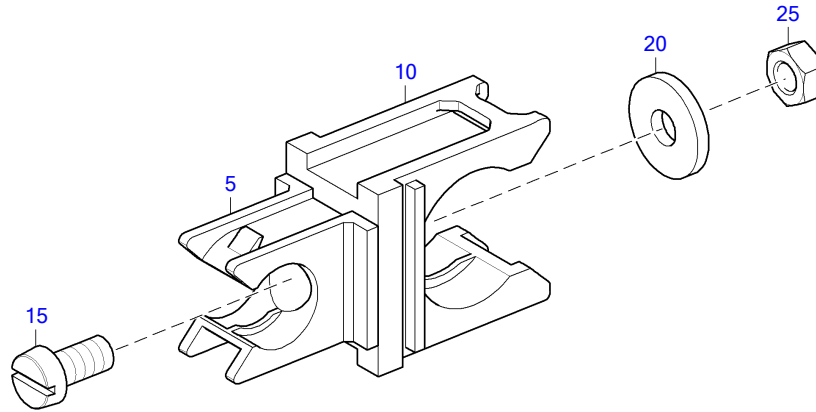
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
100	X00E50201047	GROUND/EARTH LINE		1	PC	23 G	AB	2XM6; 6QMM; 200MM; ISOLIERT	
150	00000003387	BOLT HEX		1	PC	5 G		M 6 X 16	ISO4017
200	000125006431	WASHER		1	PC	0,900 G		A 6,4	DIN125
300	916016035201	CLAMP		1	PC	43 G		BRSGU 35/20	N16016
400	304017008081	HEX BOLT		1	PC	13,500 G		M 8 X 25	ISO4017
450	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125
500	5241506273	RETAINER F. WIRING HARNESS	4000	2	PC	47,500 G		HC031	
550	00000003020	BOLT HEX A3C		2	PC	20,010 G		M 10 X 20	ISO4017
551	000125010524	WASHER		2	PC	3,100 G		A 10,5	DIN125
570	5241501376	RETAINER F. WIRING HARNESS	BR4000	1	PC	41,600 G		HC068	
600	5241534340	BRACKET H:14	4000	1	PC	24,100 G			
650	00000003347	BOLT HEX A3C		1	PC	39 G		M 10 X 55	ISO4017
750	0001596540	CLAMP CABLE DN17		3	PC	1,900 G		DN17	
800	0001596440	CLAMP CABLE DN10		4	PC	1,200 G		DN10	
850	000084005196	SCREW		3	PC	2,670 G		M 5 X 12	DIN84
900	200084005107	BOLT SLOTTED HD GELB CHROMAT		4	PC	2,400 G		M 5 X 10	DIN84
950	000125005322	WASHER		4	PC	0,400 G		A 5,3	DIN125
1000	007349005002	WASHER		3	PC			5,3	DIN7349
1050	304032005008	HEX NUT		7	PC			M 5	ISO4032
1150	X52650700039	CABLE CLAMP		5	PC	9 G		ROHRCLIP DN26	
1200	0001596440	CLAMP CABLE DN10		1	PC	1,200 G		DN10	
1250	000084005194	SCREW		5	PC	3,060 G		M 5 X 16	DIN84
1300	200084005107	BOLT SLOTTED HD GELB CHROMAT		1	PC	2,400 G		M 5 X 10	DIN84
1350	000125005322	WASHER		11	PC	0,400 G		A 5,3	DIN125
1400	304032005008	HEX NUT		6	PC			M 5	ISO4032
1500	0005335043	BRACKET		8	PC	1,800 G		BUEGEL FUER HALTER DN10	
1550	0005334943	BRACKET CABLING AND PIPEWOR		10	PC	2,900 G		BUEGEL FUER HALTER DN17	
1600	X52650700040	BRACKET		11	PC			BUEGEL DN26	

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
100	X59450700041	RETAINER FOR ENGINE CONTROL		1	PC	10,620 KG			
150	304017008084	BOLT HEX A3C		4	PC	16,565 G	M 8 X 35		ISO4017
200	007349008002	WASHER		4	PC	8,300 G	8,4		DIN7349
250	000000003710	HEX SCREW		1	PC	27,500 G	M 10 X 35		ISO4017
300	007349010002	WASHER		1	PC	11 G	10,5		DIN7349
400	X52850200002	RETAINER TOP		1	PC				
450	X59350700015	RETAINER BOTTOM		1	PC	2,020 KG			
500	X00012261	SPACER SLEEVE		4	PC	37,720 G			
550	304017008081	HEX BOLT		4	PC	13,500 G	M 8 X 25		ISO4017
600	5221530026	DAMPER	SG 2000	4	PC	152,800 G			
650	304032008014	NUT HEX 8 A3C		8	PC	4,800 G	M 8		ISO4032
700	007349008002	WASHER		4	PC	8,300 G	8,4		DIN7349
800	X00E50201047	GROUND/EARTH LINE		1	PC	23 G	AB 2XM6; 6QMM; 200MM; ISOLIERT		
850	000000003387	BOLT HEX		2	PC	5 G	M 6 X 16		ISO4017
900	000125006431	WASHER		2	PC	0,900 G	A 6,4		DIN125
1100	X59450700031	RETAINER F. WIRING HARNESS		1	PC				
1150	X59699100058	PLUG		1	PC	220 KG			
1200	007603038101	COPPER SEALING RING		1	PC	5,400 G	A 38 X 44		DIN7603
1250	735151008100	SPACER		1	PC	7,700 G	A 8,4		MTN5151
1300	204017008011	HEX SCREW		1	PC	12,200 G	M 8 X 22		ISO4017
1400	735151010100	SPACER		1	PC	11 G	A 10,5		MTN5151
1450	000000001042	BOLT HEX A3C		1	PC	35 G	M 10 X 50		ISO4017
1550	735151012100	SPACER S2000/4000		1	PC	20 G	A 12,5		MTN5151
1600	000000001040	BOLT HEX A3C		1	PC	58 G	M 12 X 60		ISO4017
1700	X59399100095	RETAINER		1	PC	1,900 KG	SB		
1750	000000001464	BOLT HEX A3C		6	PC	25 G	M 10 X 30		ISO4017
1850	204017006007	HEX SCREW		4	PC	9,400 G	M 6 X 40		ISO4017
1950	X57509600008	DAMPER ELEMENT		4	PC	34,100 G	FUER M6 SCHRAUBE		
2050	X00E50201048	GROUND/EARTH LINE		1	PC	23 G	2XM6, 6QMM, 250MM, ISOLIERT		
2100	304017006058	BOLT HEX A3C		2	PC	4,400 G	M 6 X 12		ISO4017
2300	X59550700030	STRIP F. WIRING HARNESS		1	PC				
2350	000000003021	HEX SCREW		6	PC	23,700 G	M 10 X 25		ISO4017
2400	007349010002	WASHER		6	PC	11 G	10,5		DIN7349
2450	009021010201	WASHER		6	PC	10,740 G	10,5		DIN9021
2550	X52750700019	STRIP F. WIRING HARNESS		1	PC				
2600	000000003021	HEX SCREW		6	PC	23,700 G	M 10 X 25		ISO4017
2650	007349010002	WASHER		6	PC	11 G	10,5		DIN7349
2700	009021010201	WASHER		6	PC	10,740 G	10,5		DIN9021
2800	916016026202	CLAMP		1	PC	35,700 G	BRSQU 26/20		N16016
2850	0009959301	PIPE CLAMP	BRSQU 32/20	1	PC	45 G			N16016
2900	916016022202	CLAMP		3	PC	27,800 G	BRSQU 22/20		N16016
2950	304017008081	HEX BOLT		5	PC	13,500 G	M 8 X 25		ISO4017
3000	000125008427	WASHER		5	PC	1,500 G	A 8,4		DIN125
3050	X59550700026	RETAINER F. WIRING HARNESS		3	PC	23,500 G	BC009		
3060	X59450700146	RETAINER F. WIRING HARNESS		1	PC				
3061	000000003020	BOLT HEX A3C		1	PC	20,010 G	M 10 X 20		ISO4017
3062	000125010524	WASHER		1	PC	3,100 G	A 10,5		DIN125
3080	5241502473	RETAINER F. WIRING HARNESS	BR 4000	2	PC	14,100 G	BC001		
3150	X00032675	RETAINER F. WIRING HARNESS		2	PC	134 G			
3170	304017008086	BOLT HEX A3C		2	PC	19,400 G	M 8 X 45		ISO4017
3200	007349008002	WASHER		2	PC	8,300 G	8,4		DIN7349
3270	5315460443	BRACKET H:41 S2000/S4000	8V2000M90	1	PC	65,500 G			
3280	304017008077	BOLT HEX A3C S2000/4000		1	PC	10 G	M 8 X 16		ISO4017
3300	000125008427	WASHER		1	PC	1,500 G	A 8,4		DIN125

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
3400	5241503070	RETAINER F. WIRING HARNESS		2	PC	9,300 G		BC007	
3450	5241506273	RETAINER F. WIRING HARNESS	4000	2	PC	47,500 G		HC031	
3500	304017008083	BOLT HEX A3C		2	PC	15 G		M 8 X 30	ISO4017
3550	007349008002	WASHER		2	PC	8,300 G		8,4	DIN7349
3600	5500780453	SPACER SLEEVE		2	PC	13,310 G		9MM X 15MM L=13	
3750	X59450700011	BRACKET WIRING HARNESS		2	PC	57 G			
3850	5241502473	RETAINER F. WIRING HARNESS	BR 4000	1	PC	14,100 G		BC001	
3920	X00026945	CABLE CLAMP	T50SOSFT6	1	PC	1,300 G		M.STECKFUSS F. M8 AUSSENVERZAHN	
3950	5241504673	RETAINER F. WIRING HARNESS	4000	2	PC	73 G			
3970	304017008086	BOLT HEX A3C		1	PC	19,400 G		M 8 X 45	ISO4017
4000	007349008002	WASHER		2	PC	8,300 G		8,4	DIN7349
4010	5500780453	SPACER SLEEVE		1	PC	13,310 G		9MM X 15MM L=13	
4020	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
4030	5241502473	RETAINER F. WIRING HARNESS	BR 4000	3	PC	14,100 G		BC001	
4031	X52450700069	RETAINER		1	PC			HC094/1	
4032	304017008081	HEX BOLT		1	PC	13,500 G		M 8 X 25	ISO4017
4033	007349008002	WASHER		2	PC	8,300 G		8,4	DIN7349
4034	304032008014	NUT HEX 8 A3C		1	PC	4,800 G		M 8	ISO4032
4036	5241534640	BRACKET L H:30 SENSOR E	4000	1	PC	46 G			
4037	000000001464	BOLT HEX A3C		1	PC	25 G		M 10 X 30	ISO4017
4038	007349010002	WASHER		1	PC	11 G		10,5	DIN7349
4040	5241507173	RETAINER F. WIRING HARNESS	4000	1	PC	22,400 G		HC087	
4041	304017008077	BOLT HEX A3C S2000/4000		3	PC	10 G		M 8 X 16	ISO4017
4042	X52450700069	RETAINER		2	PC			HC094/1	
4050	X00027636	BRACKET ASM		1	PC	47,390 G			
4070	000000001042	BOLT HEX A3C		1	PC	35 G		M 10 X 50	ISO4017
4075	5511530050	SPACER BUSHING		1	PC	13,310 G		Ø18/Ø10 x 10	
4090	5241534640	BRACKET L H:30 SENSOR E	4000	1	PC	46 G			
4091	000000001464	BOLT HEX A3C		1	PC	25 G		M 10 X 30	ISO4017
4092	000125010524	WASHER		1	PC	3,100 G		A 10,5	DIN125
4200	0015331940	RETAINER CABLING AND PIPEWOR		5	PC	5,650 G		ROHRCLIP DN17	
4250	0015331840	RETAINER CABLING AND PIPEWOR		2	PC	3,110 G		ROHRCKLIP DN10	
4300	000084005196	SCREW		5	PC	2,670 G		M 5 X 12	DIN84
4350	200084005107	BOLT SLOTTED HD GELB CHROMAT		2	PC	2,400 G		M 5 X 10	DIN84
4400	000125005322	WASHER		7	PC	0,400 G		A 5,3	DIN125
4450	007349005002	WASHER		5	PC			5,3	DIN7349
4500	304032005008	HEX NUT		7	PC			M 5	ISO4032
4520	0001596540	CLAMP CABLE DN17		6	PC	1,900 G		DN17	
4530	0001596440	CLAMP CABLE DN10		1	PC	1,200 G		DN10	
4550	X59450700037	RETAINER F. WIRING HARNESS		1	PC	232 G			
4850	5315461343	Connector Fastener		1	PC	97 G			
4900	5502030043	BRACKET		1	PC	31 G		H023	
4970	304017008076	HEX BOLT		1	PC	9,200 G		M 8 X 12	ISO4017
5000	000125008427	WASHER		2	PC	1,500 G		A 8,4	DIN125
5020	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
5050	5241534340	BRACKET H:14	4000	1	PC	24,100 G			
5100	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
5150	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125
5170	5241534640	BRACKET L H:30 SENSOR E	4000	1	PC	46 G			
5180	000000003926	BOLT HEX A3C		1	PC	55,600 G		M 12 X 55	ISO4017
5250	X59450700038	RETAINER F. WIRING HARNESS		1	PC	145 G			
5300	000000003020	BOLT HEX A3C		1	PC	20,010 G		M 10 X 20	ISO4017

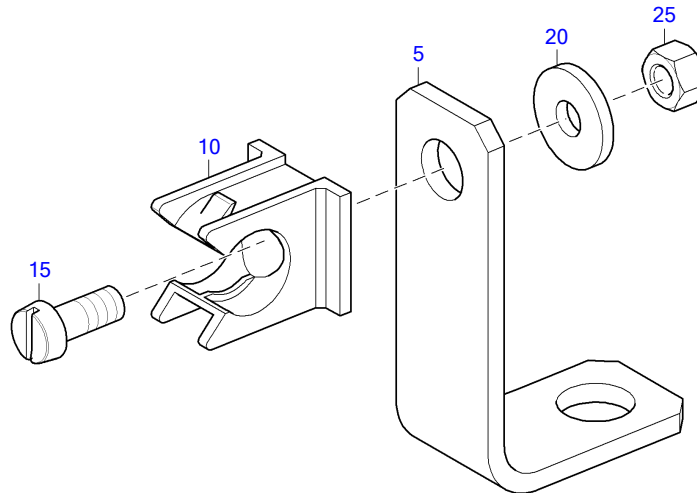
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
5350	000125010524	WASHER		1	PC	3,100 G		A 10,5	DIN125
5400	X59499100047	PLUG		1	PC	30 KG			
5850	X52650700039	CABLE CLAMP		5	PC	9 G		ROHRCLIP DN26	
5900	0015331940	RETAINER CABLING AND PIPEWOR		1	PC	5,650 G		ROHRCLIP DN17	
6000	000084005194	SCREW		5	PC	3,060 G		M 5 X 16	DIN84
6050	000084005196	SCREW		1	PC	2,670 G		M 5 X 12	DIN84
6150	000125005322	WASHER		10	PC	0,400 G		A 5,3	DIN125
6200	007349005002	WASHER		1	PC			5,3	DIN7349
6250	304032005008	HEX NUT		6	PC			M 5	ISO4032
6270	0001596540	CLAMP CABLE DN17		4	PC	1,900 G		DN17	
6280	0001596440	CLAMP CABLE DN10		3	PC	1,200 G		DN10	
6350	5241534640	BRACKET L H:30 SENSOR E	4000	1	PC	46 G			
6370	000000004745	HEX SCREW		1	PC	43 G		M 10 X 65	ISO4017
6375	007349010002	WASHER		1	PC	11 G		10,5	DIN7349
6380	5511531250	SPACER BUSHING		1	PC	41 G			
6400	X59550700026	RETAINER F. WIRING HARNESS		6	PC	23,500 G		BC009	
6450	X59550700027	RETAINER F. WIRING HARNESS		1	PC	19 G		BC010	
6500	5241502473	RETAINER F. WIRING HARNESS	BR 4000	1	PC	14,100 G		BC001	
6600	X59550700027	RETAINER F. WIRING HARNESS		4	PC	19 G		BC010	
6620	X59550700025	RETAINER F. WIRING HARNESS		2	PC	27,200 G		BC008	
6700	X59450700039	RETAINER F. WIRING HARNESS		1	PC	81 G			
6720	000000003021	HEX SCREW		1	PC	23,700 G		M 10 X 25	ISO4017
6730	000125010524	WASHER		1	PC	3,100 G		A 10,5	DIN125
6740	X59450700148	RETAINER F. WIRING HARNESS		1	PC				
6741	000000003020	BOLT HEX A3C		1	PC	20,010 G		M 10 X 20	ISO4017
6742	000125010524	WASHER		1	PC	3,100 G		A 10,5	DIN125
6750	5241505876	RETAINER F. WIRING HARNESS		1	PC			HC094	
6800	304017008079	BOLT HEX		1	PC	12,370 G		M 8 X 20	ISO4017
6850	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125
6900	5241502676	RETAINER F. WIRING HARNESS		1	PC	45 G		HC032/1	
6950	304017008081	HEX BOLT		1	PC	13,500 G		M 8 X 25	ISO4017
7000	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
7015	304017008079	BOLT HEX		1	PC	12,370 G		M 8 X 20	ISO4017
7050	5241534640	BRACKET L H:30 SENSOR E	4000	1	PC	46 G			
7100	204017012004	HEX SCREW		1	PC	29,600 G		M 12 X 20	ISO4017
7150	000125013012	WASHER		1	PC	5,320 G		MN A 13	DIN125
7250	X59450700011	BRACKET WIRING HARNESS		1	PC	57 G			
7260	304017008081	HEX BOLT		1	PC	13,500 G		M 8 X 25	ISO4017
7270	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125
7300	304017008079	BOLT HEX		1	PC	12,370 G		M 8 X 20	ISO4017
7450	5241502676	RETAINER F. WIRING HARNESS		4	PC	45 G		HC032/1	
7500	304017008079	BOLT HEX		4	PC	12,370 G		M 8 X 20	ISO4017
7550	007349008002	WASHER		4	PC	8,300 G		8,4	DIN7349
7700	5241502676	RETAINER F. WIRING HARNESS		1	PC	45 G		HC032/1	
7750	304017008081	HEX BOLT		1	PC	13,500 G		M 8 X 25	ISO4017
7800	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
7811	304017008079	BOLT HEX		1	PC	12,370 G		M 8 X 20	ISO4017
7850	5241505876	RETAINER F. WIRING HARNESS		1	PC			HC094	
7900	304017008079	BOLT HEX		1	PC	12,370 G		M 8 X 20	ISO4017
7950	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125
8000	5241534640	BRACKET L H:30 SENSOR E	4000	1	PC	46 G			
8050	204017012004	HEX SCREW		1	PC	29,600 G		M 12 X 20	ISO4017
8100	000125013012	WASHER		1	PC	5,320 G		MN A 13	DIN125
8200	5225460043	BRACKET L H:49	12/16V2000SG	1	PC				

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
8250	304017008081	HEX BOLT		1	PC	13,500 G		M 8 X 25	ISO4017
8300	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125
8320	304017008079	BOLT HEX		1	PC	12,370 G		M 8 X 20	ISO4017
8400	X59650700018	RETAINER F. WIRING HARNESS		2	PC	200 G			
8420	304017008079	BOLT HEX		2	PC	12,370 G		M 8 X 20	ISO4017
8450	000125008427	WASHER		2	PC	1,500 G		A 8,4	DIN125
8500	0001596540	CLAMP CABLE DN17		2	PC	1,900 G		DN17	
8550	5241538440	BRACKET		2	PC			SB	
8560	X54750700009	CABLE CLAMP		2	PC	10 G		DN26	
8570	304017008079	BOLT HEX		2	PC	12,370 G		M 8 X 20	ISO4017
8580	007349008002	WASHER		2	PC	8,300 G		8,4	DIN7349
8650	5241506273	RETAINER F. WIRING HARNESS	4000	8	PC	47,500 G		HC031	
8700	5241503070	RETAINER F. WIRING HARNESS		1	PC	9,300 G		BC007	
8750	0001596440	CLAMP CABLE DN10		1	PC	1,200 G		DN10	
8800	X59450700011	BRACKET WIRING HARNESS		1	PC	57 G			
9150	5241505873	RETAINER F. WIRING HARNESS	4000	1	PC	32,900 G	P	HC016	
9170	5315460443	BRACKET H:41 S2000/S4000	8V2000M90	1	PC	65,500 G			
9200	X00012556	RETAINER F. WIRING HARNESS		1	PC				
9220	304017008084	BOLT HEX A3C		1	PC	16,565 G		M 8 X 35	ISO4017
9300	5241503070	RETAINER F. WIRING HARNESS		1	PC	9,300 G		BC007	
9350	X59450700011	BRACKET WIRING HARNESS		1	PC	57 G			
9400	0001596440	CLAMP CABLE DN10		1	PC	1,200 G		DN10	
9450	X59450700011	BRACKET WIRING HARNESS		1	PC	57 G			
9500	000000003020	BOLT HEX A3C		1	PC	20,010 G		M 10 X 20	ISO4017
9550	000125010524	WASHER		1	PC	3,100 G		A 10,5	DIN125
9620	5241506273	RETAINER F. WIRING HARNESS	4000	8	PC	47,500 G		HC031	
9640	5241503070	RETAINER F. WIRING HARNESS		1	PC	9,300 G		BC007	
9660	X59450700011	BRACKET WIRING HARNESS		1	PC	57 G			
9680	0001596440	CLAMP CABLE DN10		1	PC	1,200 G		DN10	
9700	X59450700011	BRACKET WIRING HARNESS		1	PC	57 G			
9720	000000003347	BOLT HEX A3C		1	PC	39 G		M 10 X 55	ISO4017
9740	000125010524	WASHER		1	PC	3,100 G		A 10,5	DIN125
9780	0001596440	CLAMP CABLE DN10		1	PC	1,200 G		DN10	
9800	X59450700011	BRACKET WIRING HARNESS		1	PC	57 G			
9820	5241503070	RETAINER F. WIRING HARNESS		1	PC	9,300 G		BC007	
9840	5241506473	RETAINER F. WIRING HARNESS	4000	3	PC	40 G		HC034	
9850	000000003347	BOLT HEX A3C		2	PC	39 G		M 10 X 55	ISO4017
9855	000000003020	BOLT HEX A3C		1	PC	20,010 G		M 10 X 20	ISO4017
9860	000125010524	WASHER		3	PC	3,100 G		A 10,5	DIN125
9870	5225460043	BRACKET L H:49	12/16V2000SG	2	PC				
9875	5241505873	RETAINER F. WIRING HARNESS	4000	1	PC	32,900 G	P	HC016	
9878	5241503373	RETAINER F. WIRING HARNESS	BR4000	1	PC	45 G		HC042	
9900	0005312181	QUICK-CATCH CLAMP	TYH/TYB 25M	22	PC	1 G		186X4,8X1,1MM D=3,5-45MM	
9940	0005335043	BRACKET		36	PC	1,800 G		BUEGEL FUER HALTER DN10	
9960	0005334943	BRACKET CABLING AND PIPEWOR		32	PC	2,900 G		BUEGEL FUER HALTER DN17	
9980	X52650700040	BRACKET		30	PC			BUEGEL DN26	



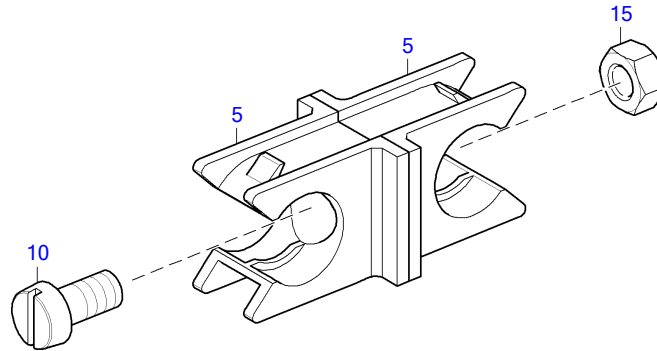
50801539

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
5	0015331840	RETAINER CABLING AND PIPEWOR	1	PC	3,110 G	ROHRCKLIP DN10	
10	0015331940	RETAINER CABLING AND PIPEWOR	1	PC	5,650 G	ROHRCKLIP DN17	
15	200084005107	BOLT SLOTTED HD GELB CHROMAT	1	PC	2,400 G	M 5 X 10	DIN84
20	007349005002	WASHER	1	PC		5,3	DIN7349
25	000934005004	NUT HEX	1	PC	1,100 G	M 5	DIN934



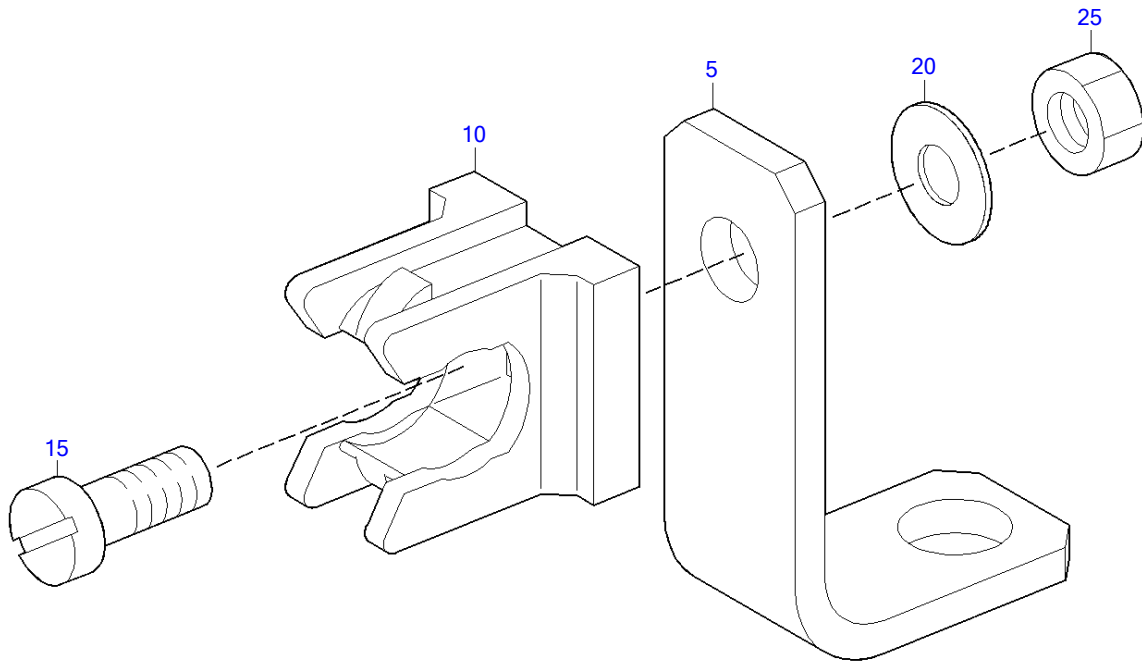
50801537

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
5	8381594840	RETAINER	1	PC			
10	0015331840	RETAINER CABLING AND PIPEWOR	1	PC	3,110 G	ROHRCKLIP DN10	
15	000084005196	SCREW	1	PC	2,670 G	M 5 X 12	DIN84
20	007349005002	WASHER	1	PC		5,3	DIN7349
25	000934005004	NUT HEX	1	PC	1,100 G	M 5	DIN934



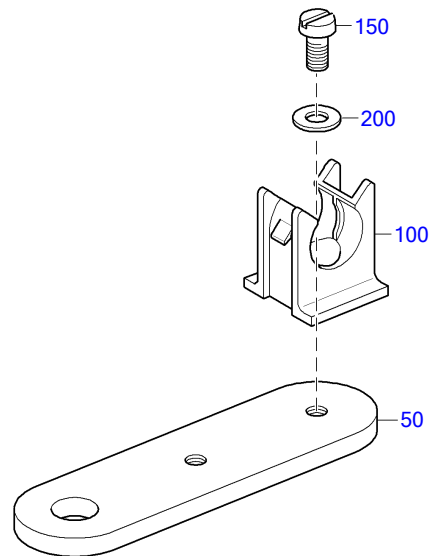
50801542

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
5	0015331840	RETAINER CABLING AND PIPEWOR	2	PC	3,110 G	ROHRCKLIP DN10	
10	200084005107	BOLT SLOTTED HD GELB CHROMAT	1	PC	2,400 G	M 5 X 10	DIN84
15	000934005004	NUT HEX	1	PC	1,100 G	M 5	DIN934



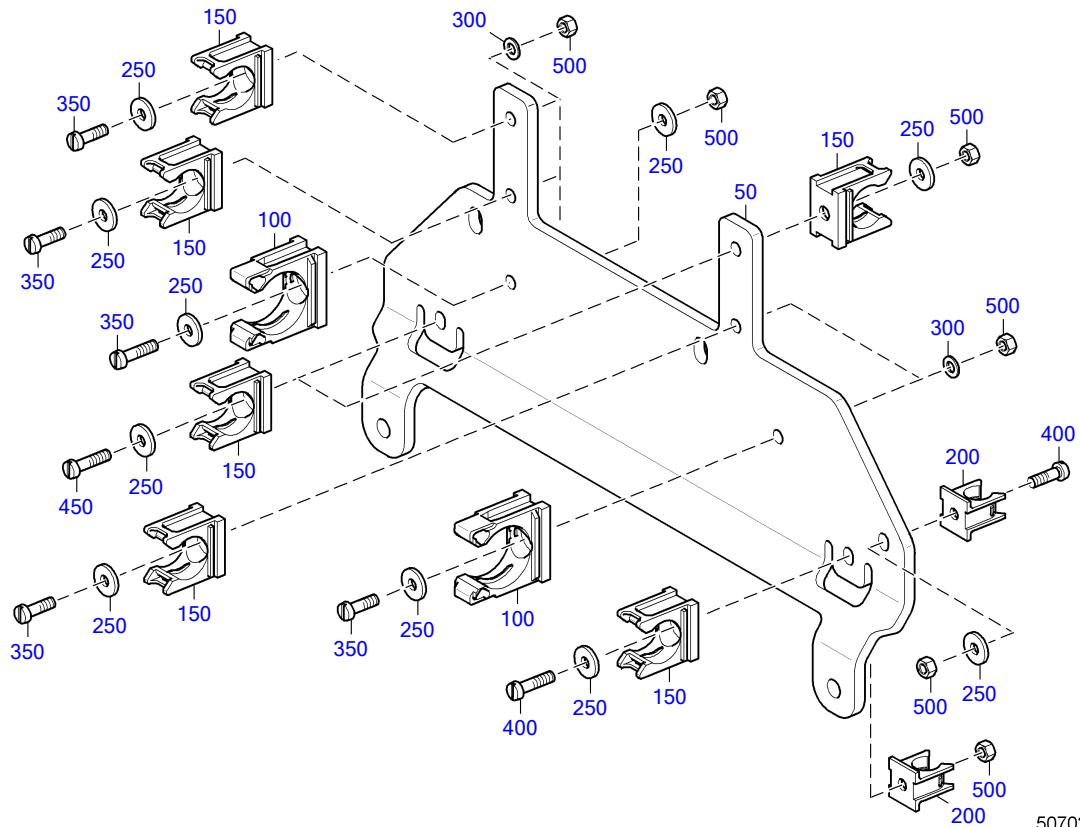
08300289a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
5	5621531140	BRACKET L H:24 S4000 S2000	1	PC	21,710 G		
10	0015331840	RETAINER CABLING AND PIPEWOR	1	PC	3,110 G	ROHRCKLIP DN10	
15	000084005196	SCREW	1	PC	2,670 G	M 5 X 12	DIN84
20	007349005002	WASHER	1	PC		5,3	DIN7349
25	000934005004	NUT HEX	1	PC	1,100 G	M 5	DIN934



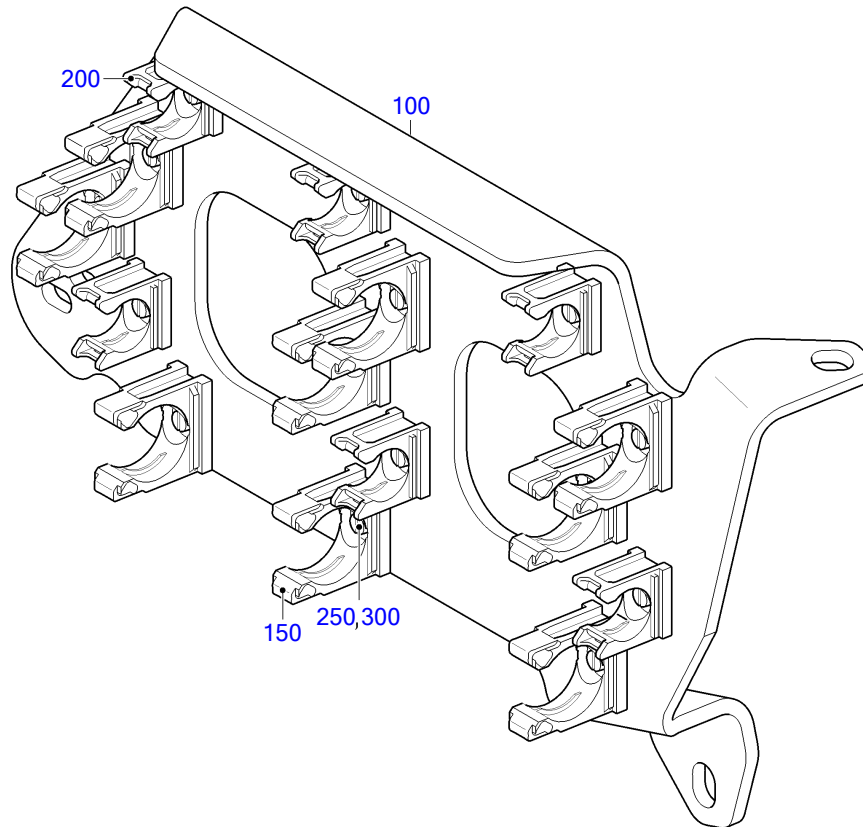
50702399a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	5061537040	BRACKET FLAT H:47	1	PC	51 G		
100	0015331840	RETAINER CABLING AND PIPEWOR	1	PC	3,110 G	ROHRCKLIP DN10	
150	000084004410	SCREW	1	PC	1,230 G	M 4 X 8	DIN84
200	000125004317	WASHER	1	PC	0,330 G	A 4,3	DIN125



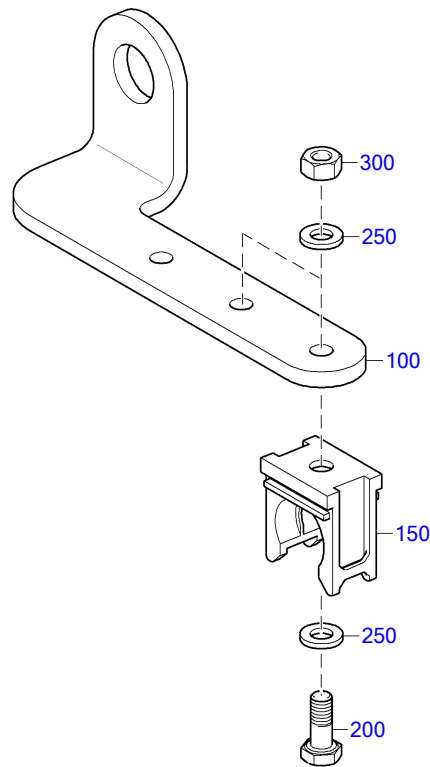
50702794

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	X59350700013	RETAINER	1	PC	1,940 KG		
100	X52650700039	CABLE CLAMP	3	PC	9 G	ROHRCLIP DN26	
150	0015331940	RETAINER CABLING AND PIPEWOR	5	PC	5,650 G	ROHRCLIP DN17	
200	0015331840	RETAINER CABLING AND PIPEWOR	3	PC	3,110 G	ROHRCKLIP DN10	
250	209021005000	WASHER	8	PC	1,100 G	5,3	DIN9021
300	000125005322	WASHER	7	PC	0,400 G	A 5,3	DIN125
350	304017005025	BOLT HEX A3C	6	PC		M 5 X 16	ISO4017
400	000912005026	BOLT HEX SOC HD	2	PC	3,690 G	M 5 X 16	DIN912
450	000912005010	SCREW	1	PC	3,700 G	M 5 X 18	DIN912
500	304032005008	HEX NUT	9	PC		M 5	ISO4032



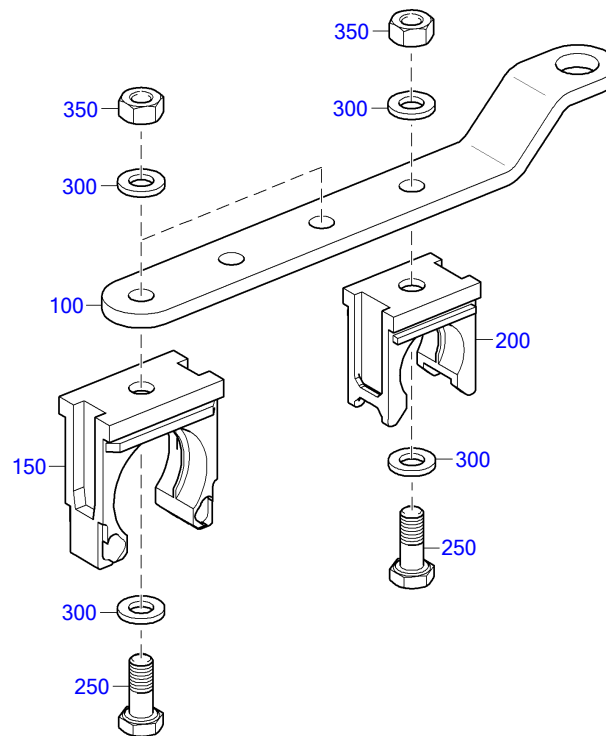
50001174a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
100	X59699100061	RETAINER F. WIRING HARNESS	1	PC	3,300 KG		
150	X52650700039	CABLE CLAMP	9	PC	9 G	ROHRCLIP DN26	
200	0015331940	RETAINER CABLING AND PIPEWOR	6	PC	5,650 G	ROHRCLIP DN17	
250	007349005002	WASHER	15	PC		5,3	DIN7349
300	000084005196	SCREW	15	PC	2,670 G	M 5 X 12	DIN84



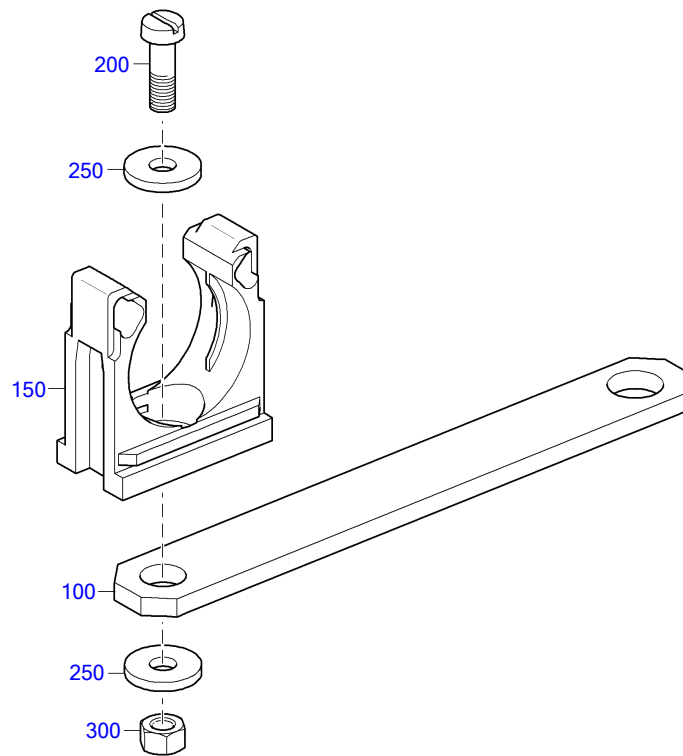
50702405a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
100	X00032376	BRACKET	1	PC	201,500 G		
150	0015331940	RETAINER CABLING AND PIPEWOR	2	PC	5,650 G	ROHRCLIP DN17	
200	00000003387	BOLT HEX	2	PC	5 G	M 6 X 16	ISO4017
250	000125006431	WASHER	4	PC	0,900 G	A 6,4	DIN125
300	304032006011	HEX NUT	2	PC	2,300 G	M 6	ISO4032



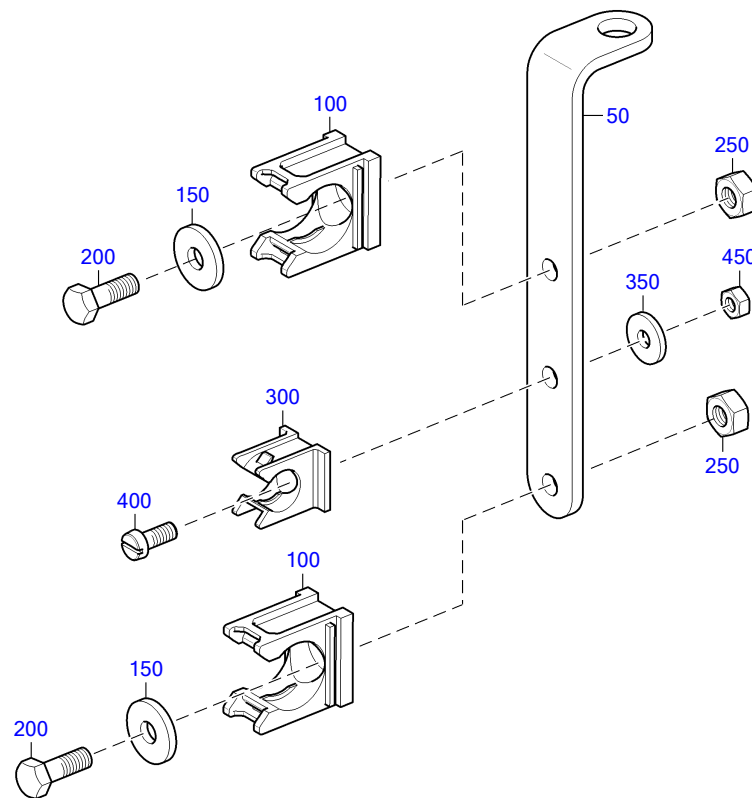
50702404a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
100	X59499100415	RETAINER	1	PC			
150	X52650700039	CABLE CLAMP	2	PC	9 G	ROHRCLIP DN26	
200	0015331940	RETAINER CABLING AND PIPEWOR	1	PC	5,650 G	ROHRCLIP DN17	
250	000000003387	BOLT HEX	3	PC	5 G	M 6 X 16	ISO4017
300	000125006431	WASHER	6	PC	0,900 G	A 6,4	DIN125
350	304032006011	HEX NUT	3	PC	2,300 G	M 6	ISO4032



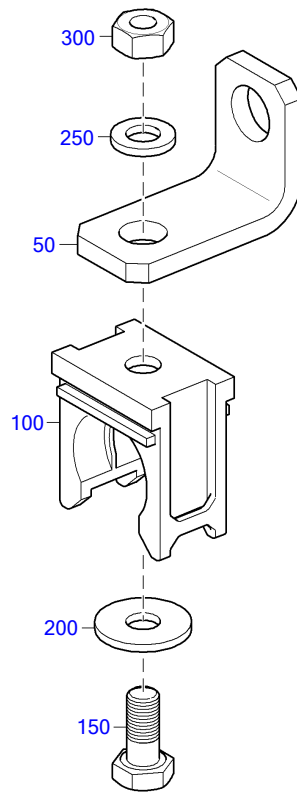
50702403a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
100	5530720338	BRACKET FLAT W/45 DEG CHAMF H:64	1	PC	71,300 G		
150	X52650700039	CABLE CLAMP	1	PC	9 G	ROHRCLIP DN26	
200	000084005194	SCREW	1	PC	3,060 G	M 5 X 16	DIN84
250	007349005002	WASHER	2	PC		5,3	DIN7349
300	304032005008	HEX NUT	1	PC		M 5	ISO4032



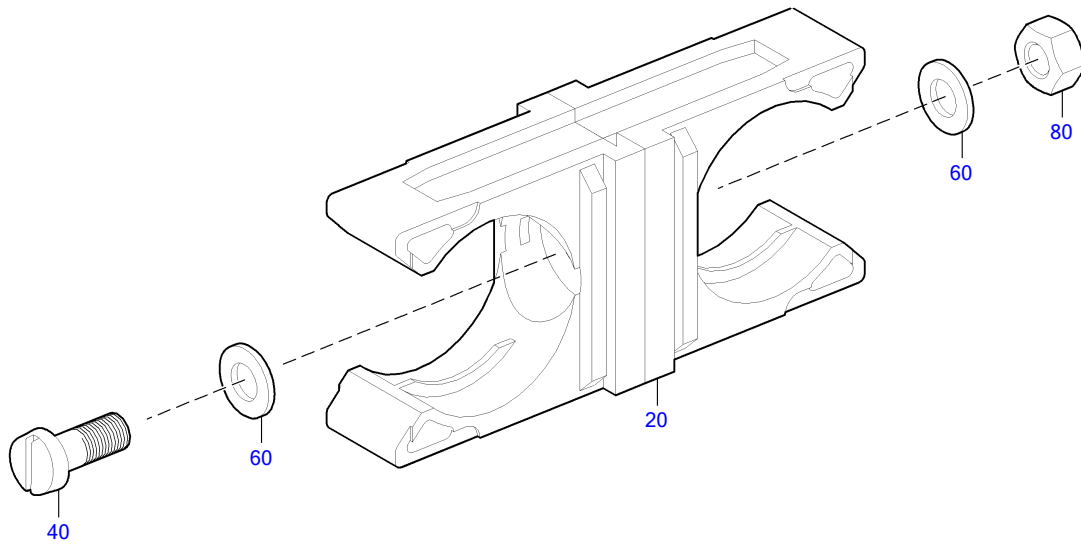
50702793

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	5241534440	BRACKET L.H:40	4000	1	PC	101 G		
100	0015331940	RETAINER CABLING AND PIPEWOR		2	PC	5,650 G	ROHRCLIP DN17	
150	000125006431	WASHER		2	PC	0,900 G	A 6,4	DIN125
200	000000003387	BOLT HEX		2	PC	5 G	M 6 X 16	ISO4017
250	304032006011	HEX NUT		2	PC	2,300 G	M 6	ISO4032
300	0015331840	RETAINER CABLING AND PIPEWOR		1	PC	3,110 G	ROHRCKLIP DN10	
350	007349005002	WASHER		1	PC		5,3	DIN7349
400	000084005194	SCREW		1	PC	3,060 G	M 5 X 16	DIN84
450	304032005008	HEX NUT		1	PC		M 5	ISO4032



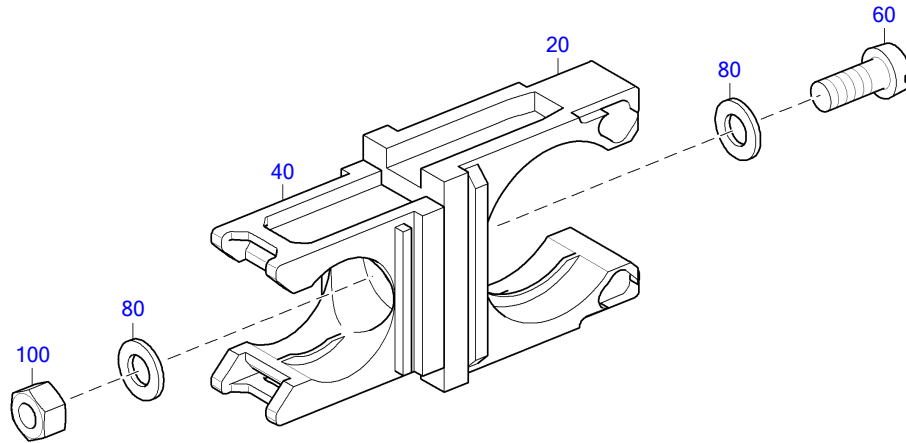
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POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	5901751641	BRACKET L H:22	1	PC	31 G		
100	0015331940	RETAINER CABLING AND PIPEWOR	1	PC	5,650 G	ROHRCLIP DN17	
150	000933006207	BOLT HEX	1	PC	5,100 G	M 6 X 14	DIN933
200	000125006431	WASHER	1	PC	0,900 G	A 6,4	DIN125
250	009021006103	WASHER	1	PC	2,520 G	A 6,4	DIN9021
300	000934006006	NUT HEX	1	PC	2,230 G	M 6	DIN934



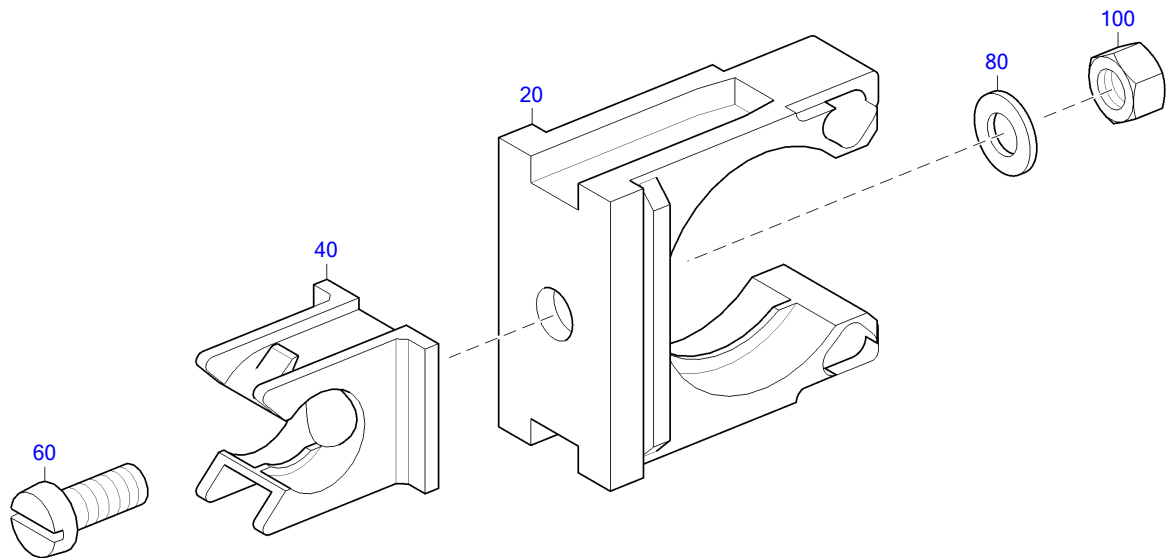
50001017a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
20	X52650700039	CABLE CLAMP	2	PC	9 G	ROHRCLIP DN26	
40	304017006058	BOLT HEX A3C	1	PC	4,400 G	M 6 X 12	ISO4017
60	000125006431	WASHER	2	PC	0,900 G	A 6,4	DIN125
80	304032006011	HEX NUT	1	PC	2,300 G	M 6	ISO4032



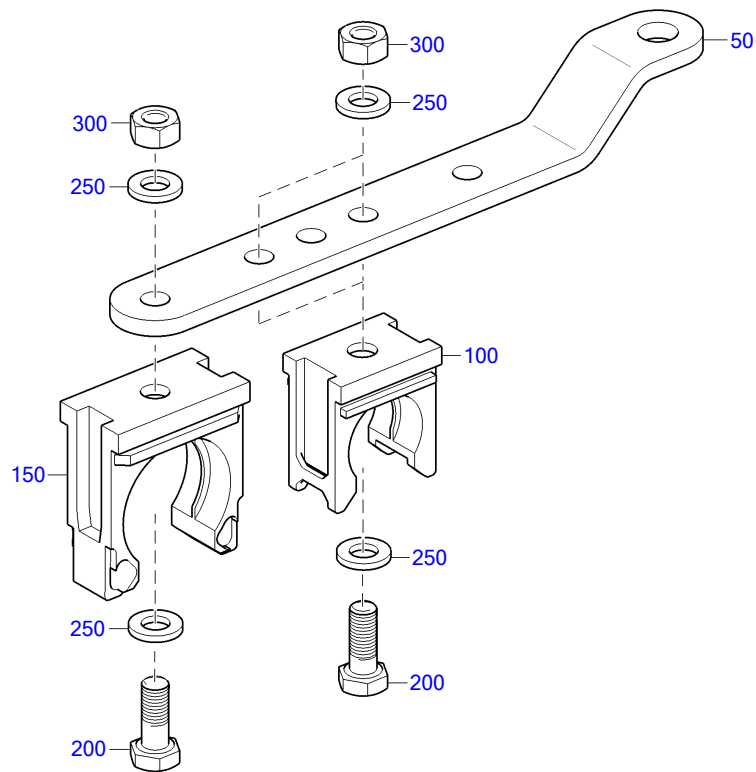
50801541

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
20	X52650700039	CABLE CLAMP	1	PC	9 G	ROHRLIP DN26	
40	0015331940	RETAINER CABLING AND PIPEWOR	1	PC	5,650 G	ROHRLIP DN17	
60	000084005196	SCREW	1	PC	2,670 G	M 5 X 12	DIN84
80	000125005322	WASHER	2	PC	0,400 G	A 5,3	DIN125
100	304032005008	HEX NUT	1	PC		M 5	ISO4032



50702297a

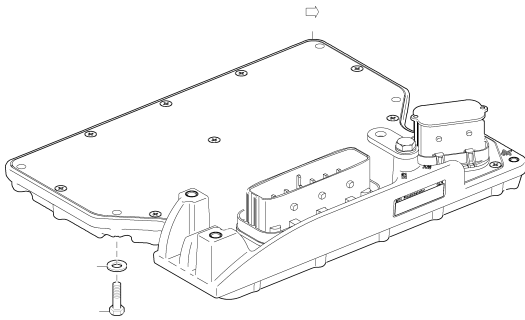
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
20	X52650700039	CABLE CLAMP	1	PC	9 G	ROHRCLIP DN26	
40	0015331840	RETAINER CABLING AND PIPEWOR	1	PC	3,110 G	ROHRCKLIP DN10	
60	000084005196	SCREW	1	PC	2,670 G	M 5 X 12	DIN84
80	000125005322	WASHER	1	PC	0,400 G	A 5,3	DIN125
100	304032005008	HEX NUT	1	PC		M 5	ISO4032



50702203a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	5241533040	BRACKET OFFSET H:15 MARINE	4000	1	PC	94,500 G		
100	0015331940	RETAINER CABLING AND PIPEWOR		2	PC	5,650 G	ROHRCLIP DN17	
150	X52650700039	CABLE CLAMP		1	PC	9 G	ROHRCLIP DN26	
200	000000003387	BOLT HEX		3	PC	5 G	M 6 X 16	ISO4017
250	000125006431	WASHER		6	PC	0,900 G	A 6,4	DIN125
300	304032006011	HEX NUT		3	PC	2,300 G	M 6	ISO4032

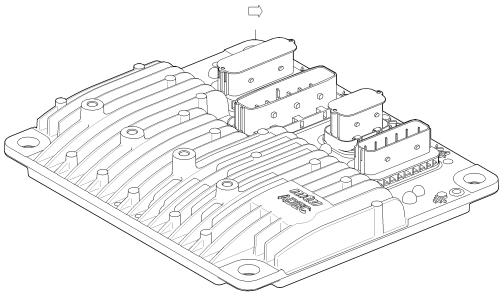
GROUP NUMBER (FG)
GROUP NAME
BOM-No.



ENGINE MONITOR IN HOUSING
XS00E500.01398

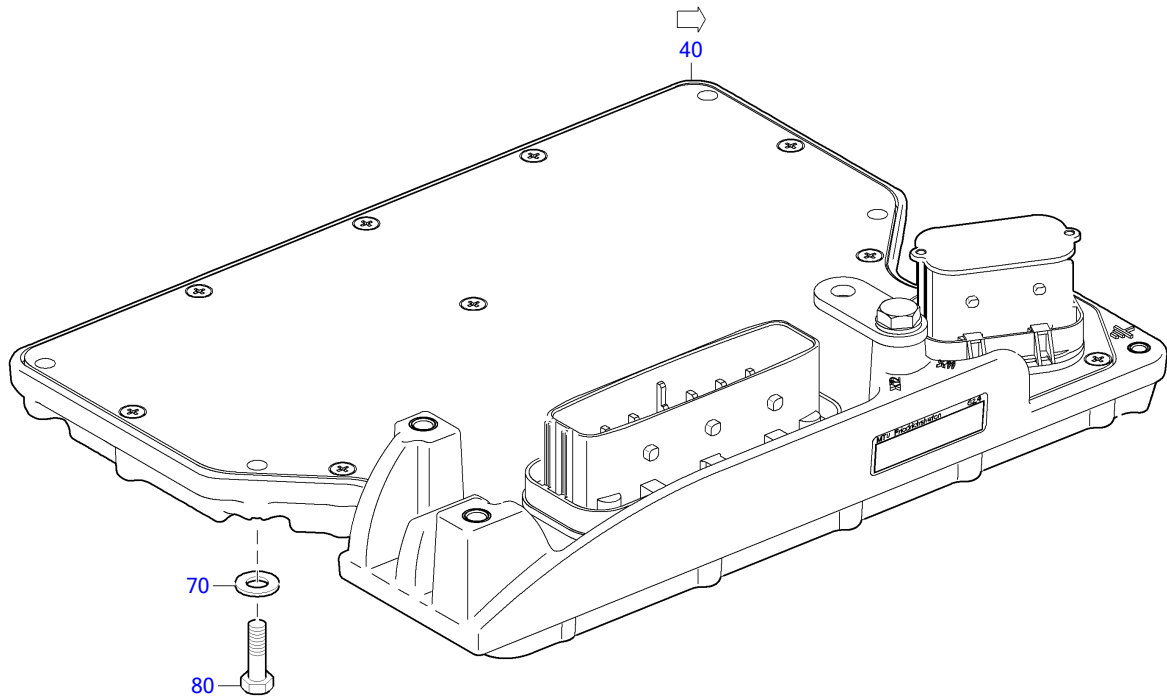
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RETAINER F. WIRING HARNESS
XS593500.00021



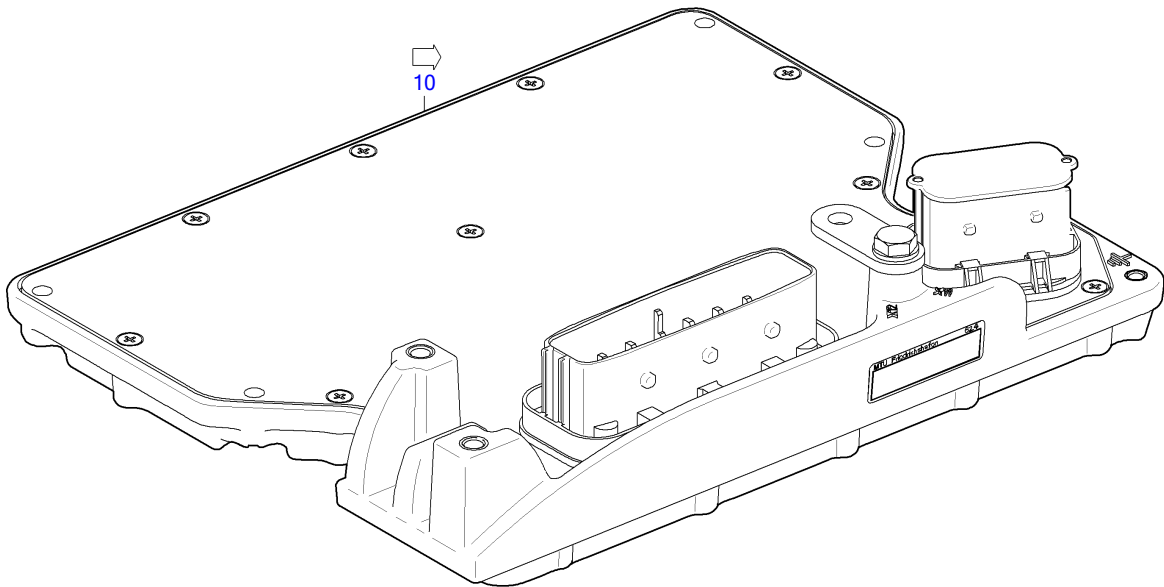
GOVERNOR F/MONTRG SYST + GOV
X00043550

50001096



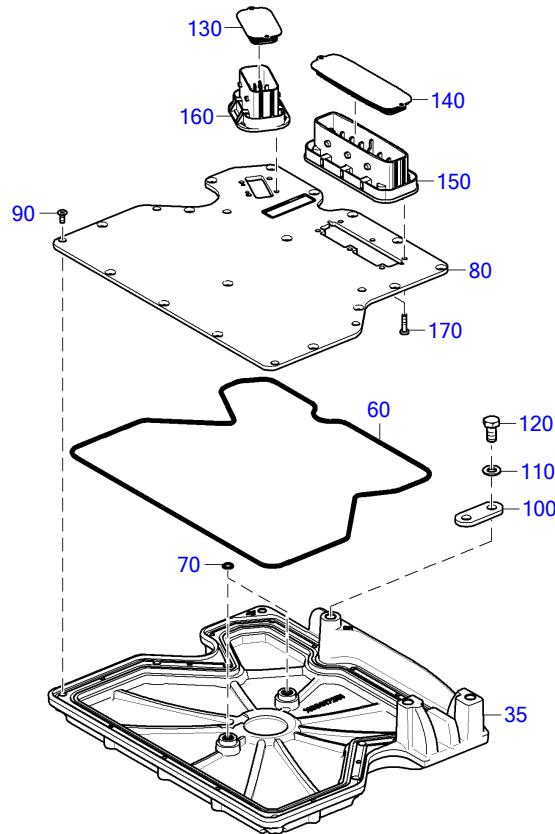
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POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
40	X00E50206654	ENGINE MONITORING	EMU8-02 / URL	1	PC	3,460 KG	EMU8-02 MIT URLADER 25MHZ	
70	000125006431	WASHER		6	PC	0,900 G	A 6,4	DIN125
80	304017006066	BOLT HEX A3C		6	PC	8,970 G	M 6 X 35	ISO4017



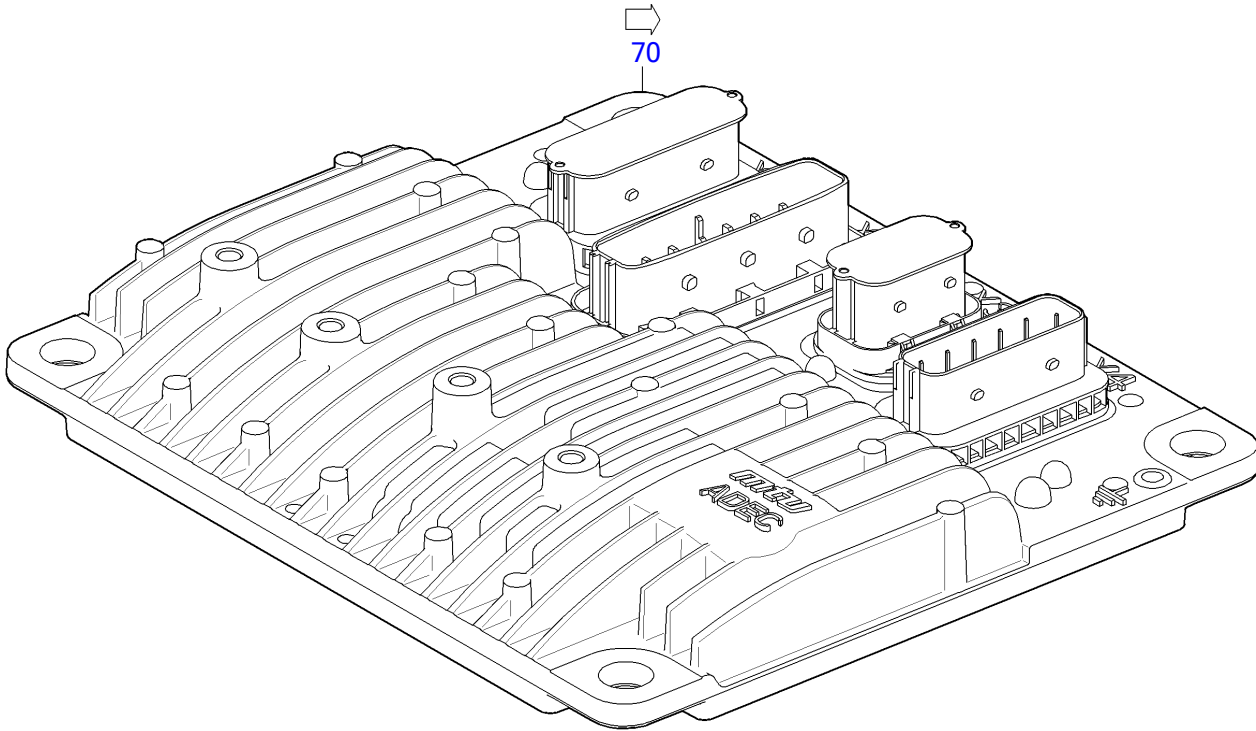
50702411a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	MEASUREMENT
10	X00E50206653	HOUSING	EMU7-03	1	PC	EMU7-03



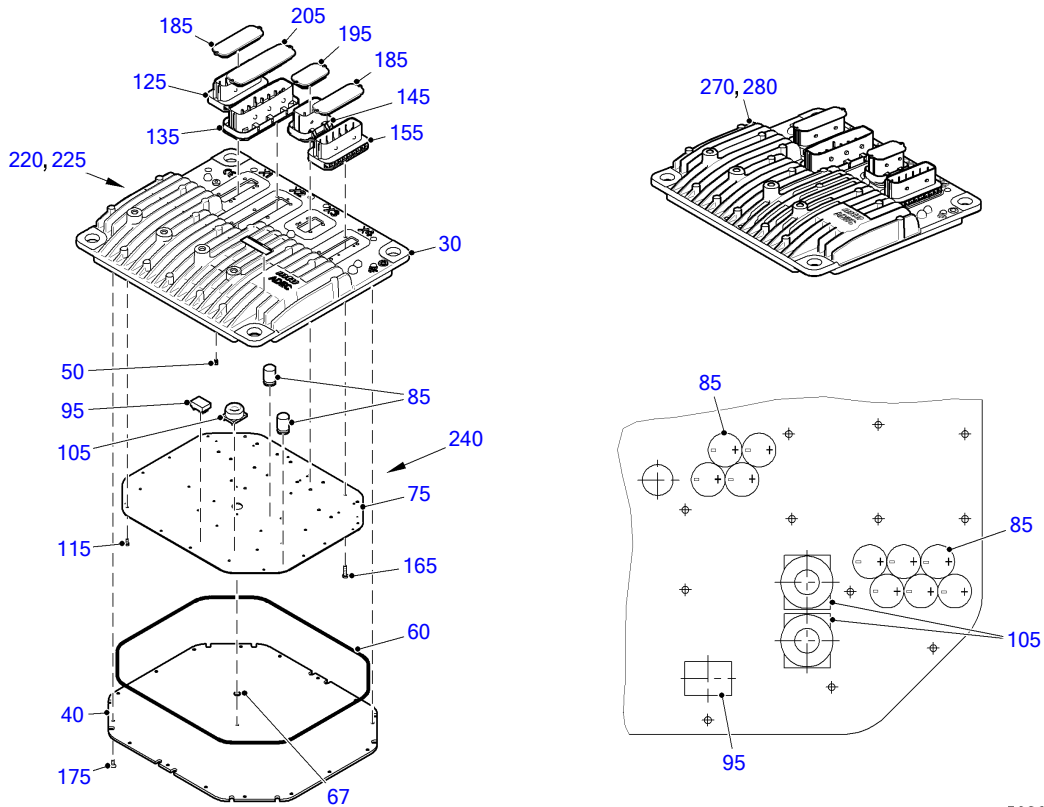
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POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
35		HOUSING F/EXH TEMP MEASUREM	EMU 7	1	PC	0,550 KG	KE	314X257X62	
60	700429329000	O-RING		1	PC	15 G		329 X 3	MMN429
70	700429007001	O-RING		2	PC	2 G		7 X 1,5	MMN429
80	X00E50208018	PLUG-IN BOARD SMD	EME3-04 SMD	1	PC			EME3-04	
90	X00E50200962	COUNTERSUNK HD SCREW	M4X10/DN7500	16	PC	1 G		DIN7500 M4X10-ST-T10	
100	X00019483	RETAINER	EMU 7	1	PC	24,900 G	AB	(50) 30X20X4MM	
110	200125008400	WASHER		1	PC	1,500 G		A 8,4	DIN125
120	304017008072	HEX SCREW		1	PC	11 G		M 8 X 16	ISO4017
130	X00010310	DUST CAP W/MALE CONNECTOR	MCP 21 POL.	1	PC	10,500 G		FUER AMP- BUCHSENGEHAEUSE 21POL	
140	X00010316	DUST CAP FOR CONNECTOR	STAUBKAPPE MCP 92 POL.	1	PC	2 G		FUER AMP- BUCHSENGEHAEUSE 92POL	
150		BLADE CONNECTOR	92 POL.	1	PC	76,600 G	KE	92 POL.; KODIERUNG: B-B;	
160	X00012748	BLADE CONNECTOR	21 POL.	1	PC	41 G	UB	21 POL., KODIERUNG: B	
170	000000003617	SLOT PAN-HEAD SCREW		10	PC			4 X 16	MBN10266



50800198d

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	FN	MEASUREMENT
70	X00E50209162	ECS	ECU7-05/B	1	PC	EM	ECU7-05/B; 360X314X95 (LXBXH)



50801468

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
30	X00002024	HOUSING	ECU 7-02	1	PC	3,560 KG	AB	360X314X60	
40	5015331436	PLATE FOR GOVERNOR	ECU 7-01	1	PC			BLECH 4X309X355	
50	X00009560	LIGHT LADDER WITH O-RING		1	PC	0,150 G			
60	700429338000	O-RING		1	PC	16,400 G		338 X 3	MMN429
67	700429007001	O-RING		1	PC	2 G		7 X 1,5	MMN429
75	X00E50209159	PLUG-IN BOARD SMD	ECB11-05/A SMD	1	PC			ECB11-05/A SMD	
85	0065315725	CAPACITOR	ELKO ALSIC145 680UF 63V	10	PC			ELKO 680UF, 63V, 20%	
95	0005327956	TRANSFORMER	EVD15	1	PC			LP44UH, UE0-50V, W1=28, W2=19WX=8	
105	0005318954	REACTOR	SDR 4,3-0,034	2	PC			LI+LII=35UH +/-15%, I=4,4A,	
115	000000003652	TORX SCREW		23	PC	0,700 G		M3 GF X 8	MBN10226
125	0025318185	BLADE CONNECTOR	46 POL.	1	PC			GERADE, 3-REIHIG, CODIERUNG:A	
135	0025318685	BLADE CONNECTOR	92POL. MESSERLEISTE MCP	1	PC	60 G		GERADE, 4-REIHIG, CODIERUNG:A	
145	0025318585	BLADE CONNECTOR	21 POL.	1	PC			GERADE, 3-REIHIG, CODIERUNG:A	
155	0025318285	BLADE CONNECTOR	46 POL.	1	PC			GERADE, 3-REIHIG, CODIERUNG:B	
165	000000003617	SLOT PAN-HEAD SCREW		18	PC			4 X 16	MBN10266
175	X00E50200962	COUNTERSUNK HD SCREW	M4X10/DN7500	17	PC	1 G		DIN7500 M4X10-ST-T10	
185	X00010313	DUST CAP FOR CONNECTOR	MCP 46 POL.	2	PC	13,500 G		FUER AMP-BUCHSENGEHAEUSE 21POL	
195	X00010310	DUST CAP W/MALE CONNECTOR	MCP 21 POL.	1	PC	10,500 G		FUER AMP-BUCHSENGEHAEUSE 21POL	

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S

SERIAL NUMBER: 527110276

ECS

FG/FGS:

BOM-No.: X00E50209162

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
205	X00010316	DUST CAP FOR CONNECTOR	STAUBKAPPE MCP 92 POL.	1	PC	2 G		FUER AMP- BUCHSENGEHAEUSE 92POL	
220	X00030227	SOFTWARE	ECU7_URLADER2_00	1	PC		KF	ECU7/URLADER 2_00	
225	X00E50205465	SOFTWARE	ECU_7-05/FIRMWARE/ED_1_05	1	PC		KF		
240	X00009977	2-COMP. SILIC.RUBBER	KARTUSCHE 330 ML	1	PC			ELASTOSIL SG 500 A/B	
270	X00E50209162/77	GOVERNOR PROGRAMMED	ECU7-05/B	1	PC		AB KF EM	ECU7-05/B; 360X314X95;	
280	X00E50209162/76	ECS NOT ADJUSTED	ECU7-05/B	1	PC		EM	ECU7-05/B; 360X314X95	

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
RETAINER F. WIRING HARNESS

SERIAL NUMBER: 527110276

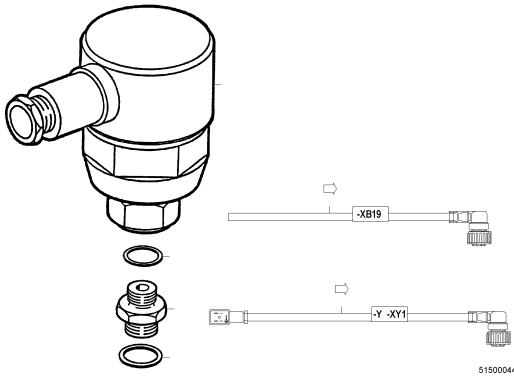
FG/FGS: 508 82
BOM-No.: XS593500.00021

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
60	X59320200060	RETAINER	1	PC			
90	000000003021	HEX SCREW	3	PC	23,700 G	M 10 X 25	ISO4017
120	007349010002	WASHER	3	PC	11 G	10,5	DIN7349

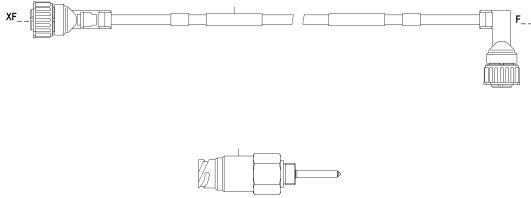
GROUP NUMBER (FG)

GROUP NAME

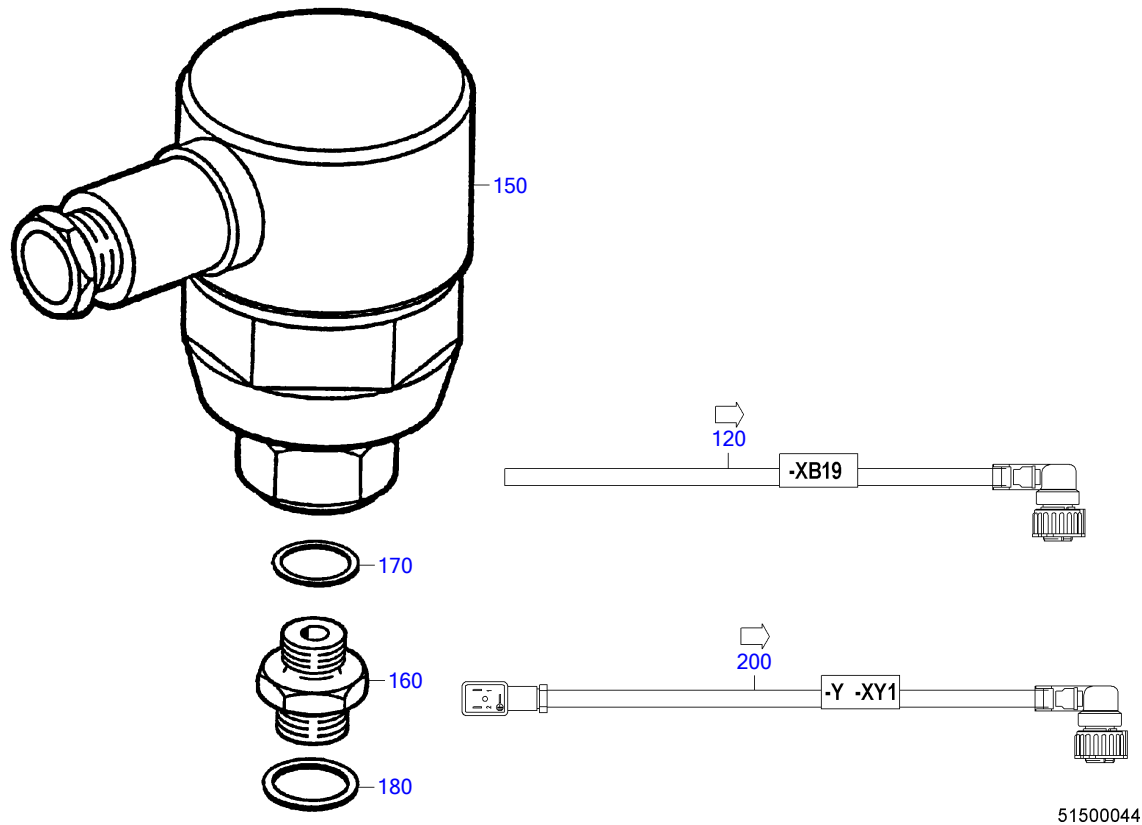
BOM-No.



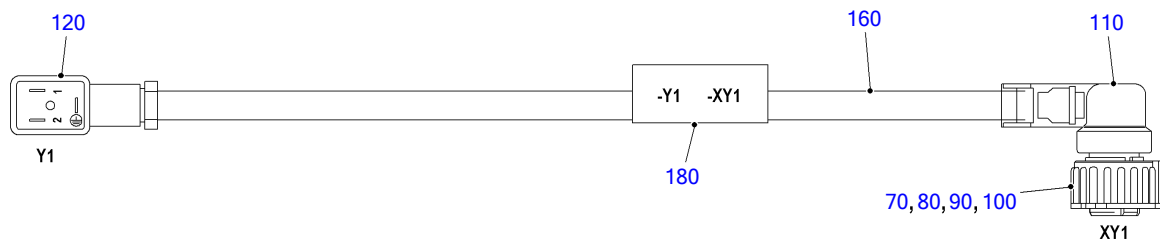
AIR PRESSURE MONITOR WITH CABLE
XS00E500.01395



LEVEL SENSOR FOR COOLANT SYSTEM
XS00E500.01397

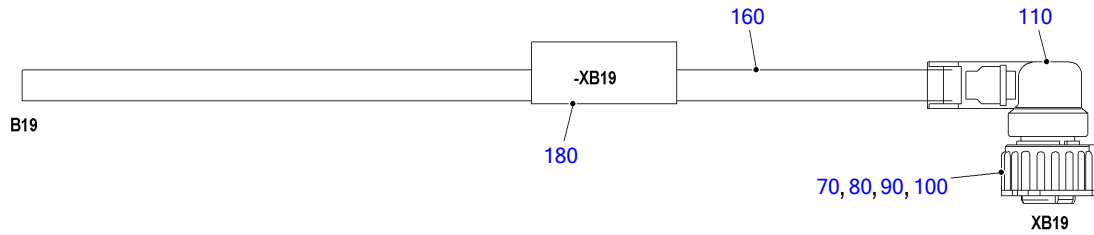


POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
120	X00E50206357	CONNECTING CABLE FOR AIR START	BR4000M23-M63	1	PC	700 G		10M, EINSEITIG STECKER	
150	0055351531	PRESSURE SENSOR	50 BAR RELATIV	1	PC	429,500 G	AB	50 BAR RELATIV	
160	28399972172/0	UNION AIR STARTER		1	PC	35,100 G			
170	705057013000	RING SEALING A13 X18 CU		1	PC	1,300 G		A 13 X 18	DIN7603
180	007603018101	COPPER SEALING RING		1	PC	1,300 G		A 18 X 22	DIN7603
200	X00E50205179	CONNECTING CABLE FOR AIR START	BR4000M23-M63	1	PC	400 G		5M XY1.X-Y01	



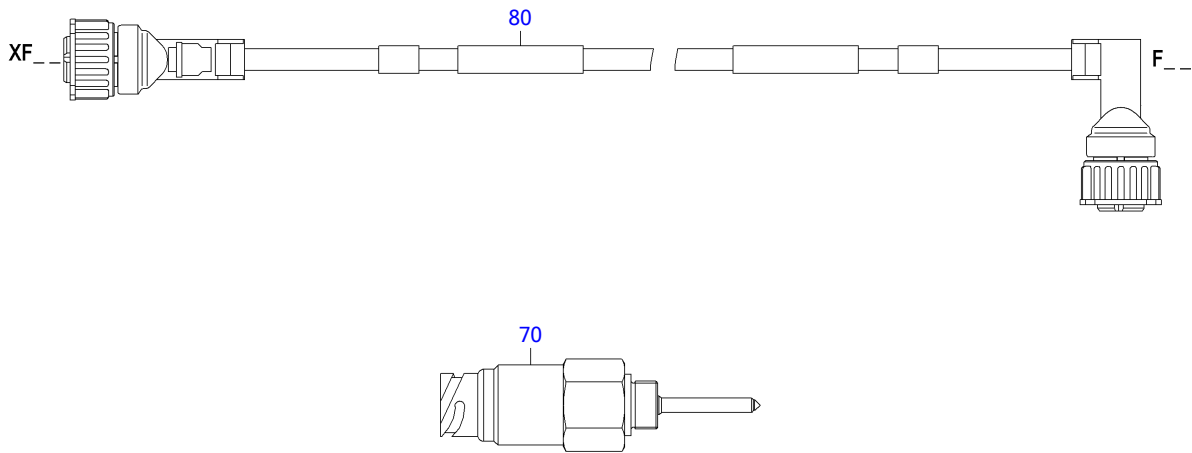
50702742

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
70	0165313283	MALE CONNECTOR	STECKER F. BU-KONTAKTE 2,5MM	1	PC	11,500 G		4POL. CODE 1 / DIN 72585
80	0165313383	FEMALE CONTACT		2	PC	0,200 G		0,5-1,0 MM ² / D=2,5MM
90	0165313483	SINGLE-CORE INSUL		2	PC	0,100 G		1,2-2,0 MM / D2,5MM
100	0165313583	BLANKING PLUG	BLINDSTOPFEN	2	PC	0,100 G		SYSTEM 2,5MM / 2,8MM
110	0165317383	CAP	STECKERKAPPE / WELLROHRADAPTER	1	PC	7 G		AB 90 GRAD / VAR. KLEMMUNG
120	X00E50206519	MALE CONNECTOR FOR SOLENOID VALVE	2+PE POL.	1	PC			BUCHSE-STECKER, 2+PE POL
160	0105311580	CABLE	1X2X0,75	5	M			AB 1X2X0,75 QMM
180		IDENTIFICATION PLATE	ELAT	2	PC			KE 47X135MM, BEDRUCKBAR 47X25MM



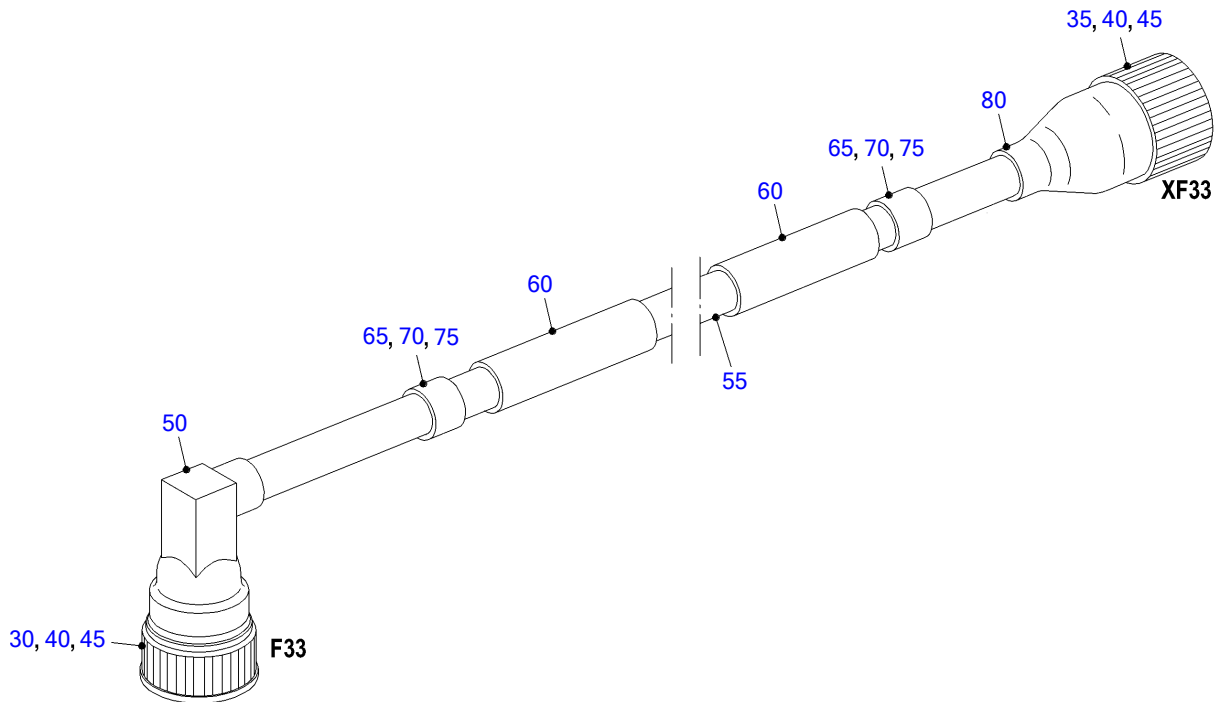
50702741

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
70	0165313283	MALE CONNECTOR	STECKER F. BU-KONTAKTE 2,5MM	1	PC	11,500 G	4POL. CODE 1 / DIN 72585	
80	0165313383	FEMALE CONTACT		2	PC	0,200 G	0,5-1,0 MM ² / D=2,5MM	
90	0165313483	SINGLE-CORE INSUL		2	PC	0,100 G	1,2-2,0 MM / D2,5MM	
100	0165313583	BLANKING PLUG	BLINDSTOPFEN	2	PC	0,100 G	SYSTEM 2,5MM / 2,8MM	
110	0165317383	CAP	STECKERKAPPE / WELLROHRADAPTER	1	PC	7 G	AB 90 GRAD / VAR. KLEMMUNG	
160	0105311580	CABLE	1X2X0,75	10	M		AB 1X2X0,75 QMM	
180		IDENTIFICATION PLATE	ELAT	2	PC		KE 47X135MM, BEDRUCKBAR 47X25MM	



50702467a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
70	X00E50203659	LEVEL MONITOR	BEDIA CLS-50, WASSERSONDE	1	PC		AB	WASSERSONDE DYN.UB-VERHALTEN+LT,
80	X00015855	CABLE W/MALE CONNECTOR	KM-NIVEAU F33	1	PC	555 G		L=10M



50701055a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
30	0165313283	MALE CONNECTOR	STECKER F. BU-KONTAKTE 2,5MM	1	PC	11,500 G		4POL. CODE 1 / DIN 72585	
35	0165314083	MALE CONNECTOR	STECKER F. BU-KONTAKTE 2,5MM	1	PC	12 G		4POL. CODE 2 / DIN 72585	
40	0165313383	FEMALE CONTACT		8	PC	0,200 G		0,5-1,0 MM ² / D=2,5MM	
45	0165313483	SINGLE-CORE INSUL		8	PC	0,100 G		1,2-2,0 MM / D2,5MM	
50	0165317383	CAP	STECKERKAPPE / WELLROHRADAPTER	1	PC	7 G	AB	90 GRAD / VAR. KLEMMUNG	
55	0085316180	CABLE	4X0,5/110	10	M		AB	4X0,5 OHNE GNGE	
60		IDENTIFICATION PLATE ELAT		2	PC		KE	47X135MM, BEDRUCKBAR 47X25MM	
65	700461103005	MARKER SLEEVE		2	PC			3/F	MMN461
70	700461103023	MARKER SLEEVE		1	PC			3/X	MMN461
75	700461203003	MARKER SLEEVE		4	PC			3/3	MMN461
80	0165314283	CAP	STECKERKAPPE / WELLROHRADAPTER	1	PC	6,300 G	AB	180 GRAD / VAR. KLEMMUNG	

EQUIPMENT TYPE

PRODUCT TYPE
SERIAL NUMBER

Engine

16V4000M23S
527110279

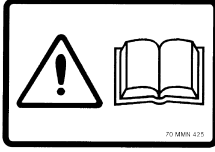
FG	FG DESIGNATION
004	LABELS AND AUXILIARY MATERIALS
010	CRANKCASE AND ATTACHMENTS
011	CRANKCASE
014	OIL PAN
015	ENGINE MOUNTING
016	END HOUSING, DRIVING END AND FREE END
018	CRANKCASE BREATHER
024	GEARCASE, AUX PTO END
030	RUNNING GEAR
031	CRANKSHAFT WITH BEARINGS
032	CRANKSHAFT, PTO ON DRIVING END
035	CRANKSHAFT, PTO ON AUX PTO END
036	TRANSPORT LOCK/LOCK FOR CRANKSHAFT
037	PISTON
038	CONNECTING ROD
041	CYLINDER HEAD
051	CAMSHAFT
055	VALVE DRIVE
073	INJECTION PUMP / HP PUMP
075	FUEL INJECTOR
077	INJECTION LINE / HP FUEL LINE
080	L.P. FUEL SYSTEM; (ALSO GAS ENGINES)
081	FUEL PIPEWORK BEFORE DELIVERY PUMP
083	FUEL FILTER
087	LEAK-OFF FUEL MONITORING
100	TURBOCHARGING (EXHAUST TURBOCHARGER / COMPRESSOR)
111	CHARGE AIR COOLING, GENERAL, LEFT SIDE
120	AIR SYSTEM / AIR DUCTING
121	AIR FILTER
122	AIR INTAKE SILENCER
124	AIR SUPPLY TO CYLINDERS
140	EXHAUST SYSTEM
141	EXHAUST SYSTEM AFTER CYLINDER HEAD
143	CARRIER HOUSING
145	EXHAUST SYSTEM AFTER TURBOCHARGER
146	EXHAUST DUCTING AFTER ENGINE (TO END OF EXH. AFTERTREATMENT)
170	STARTING SYSTEM
172	ELECTRIC STARTING
173	AIR STARTER
180	LUBRICATING OIL SYSTEM
181	LUBE OIL PUMP AND DRIVE
183	OIL FILTRATION/COOLING
184	CRANKCASE-INTERNAL OIL SUPPLY
188	CONNECTING HARDWARE FOR ENGINE OIL SUPPLY
200	COOLANT SYSTEM
202	COOLANT CIRCUIT, GENERAL, HT CIRCUIT

FG FG DESIGNATION

- 203 LOW-TEMPERATURE CIRCUIT
- 205 COOLANT COOLER ATTACHING H/WARE
- 206 COOLANT PIPEWORK WITH THERMOSTAT
- 207 RAW WATER PUMP WITH CONNECTIONS
- 208 COOLANT EXPANSION TANK
- 230 MOUNTING / SUPPORT
- 231 ENGINE MOUNTING
- 342 DRIVE SYSTEM
- 360 AUXILIARY SYSTEMS - SUPPLEMENTARY EQUIPMENT
- 362 COMPRESSED AIR SUPPLY SYSTEM
- 500 MONITORING AND CONTROL SYSTEM, GENERAL ELECTRICAL EQUIPMENT
- 507 WIRING, GENERAL, FOR ENGINE/GEARBOX/PLANT
- 508 ACCESSORIES FOR ENGINE GOVERNOR (ELECTRONIC) CONTROL SYSTEM
- 515 PRESSURE/TEMPERATURE MONITORING SYSTEMS (EXCL. EXHAUST GAS)

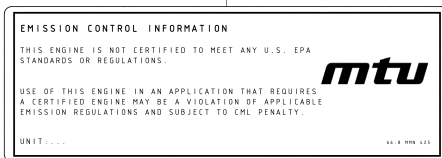
GROUP NUMBER (FG)
GROUP NAME
BOM-No.

PLATE
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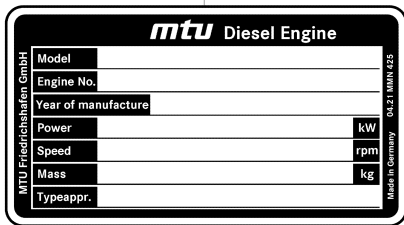
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NON-EPA LABEL
XS524000.00019



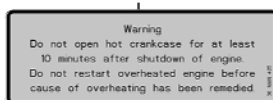
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NAMEPLATE ENGLISH
XS524000.00097



00400160

PLACARD POS. EXPL: HAZARD
XS524000.00104



00400167

GROUP NUMBER (FG)

GROUP NAME

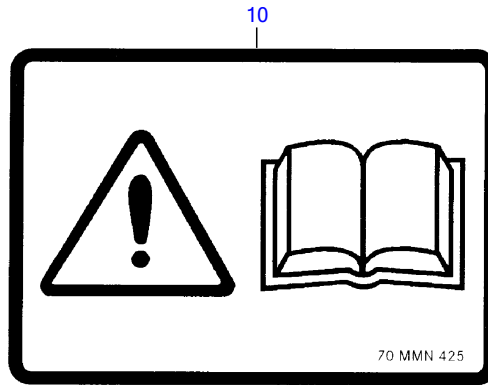
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PLACARD

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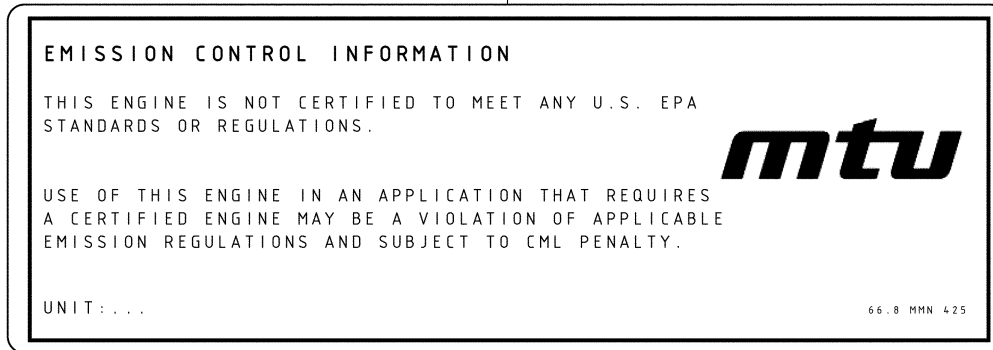
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00400053a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	MEASUREMENT	STANDARD
10	700425000155	PLATE	1	PC	70	MMN425

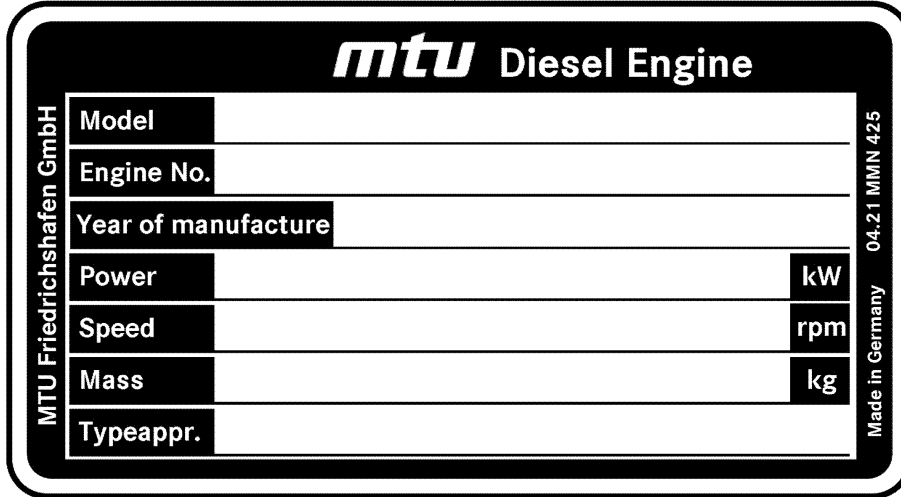
100



00400106a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	FN	MEASUREMENT	STANDARD
100	700425000182	EMI-LABEL NON-EPA	1	PC	EM	66.8	MMN425

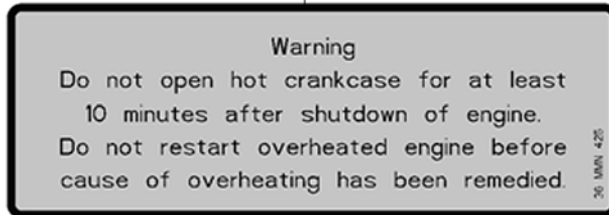
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00400160

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
20	700425000219	NAMEPLATE FOR DIESEL ENGINE	1	PC	6,700 G	EM	04.21	MMN425

150



00400161

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
150	700425000039	PLATE	4	PC	3,100 G	36	MMN425

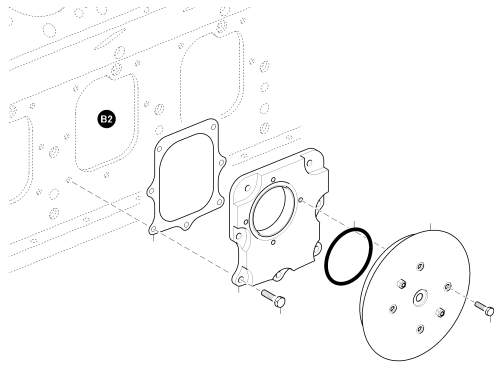
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00400157a

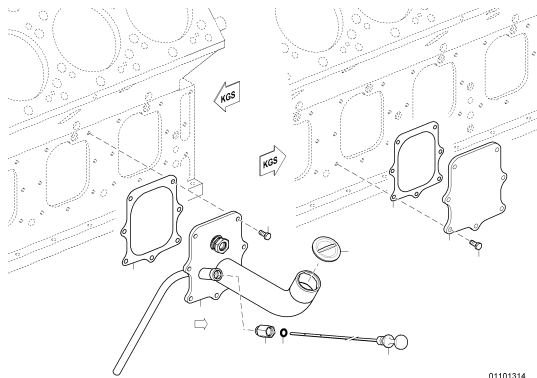
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
100	XD0000400001	PLACARD CRUSHING HAZARD	2	PC	1 G

GROUP NUMBER (FG)
GROUP NAME
BOM-No.



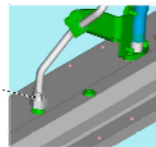
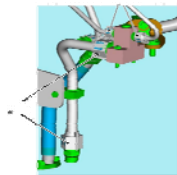
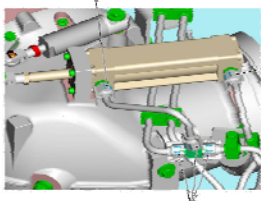
SAFETY VALVE WITH TEST CERT. 3.1
XS594010.00056

01101167a



INSPECT PORT COVER W OIL DIPSTICK, RGH
XS595010.00068

01101314



HEAT SHIELD FOR SOLAS
XS595990.00033

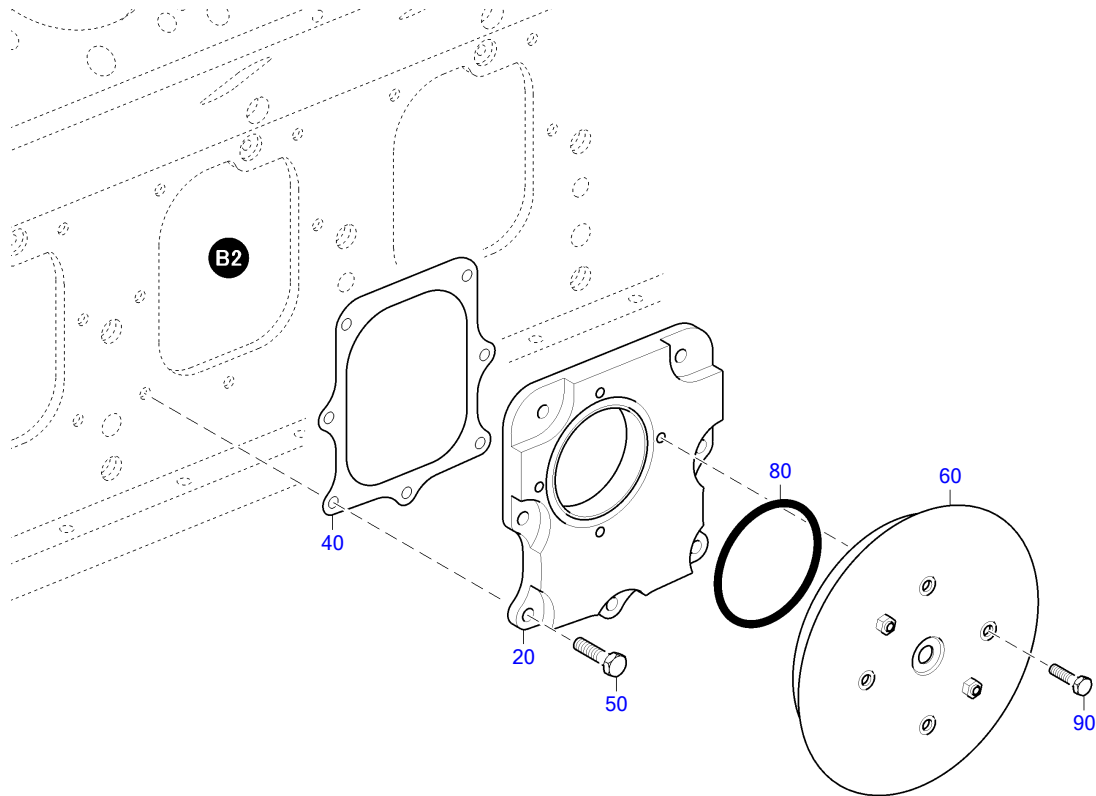
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EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
SAFETY VALVE WITH TEST CERT. 3.1

SERIAL NUMBER: 527110279

FG/FGS: 010 00
BOM-No.: XS594010.00056



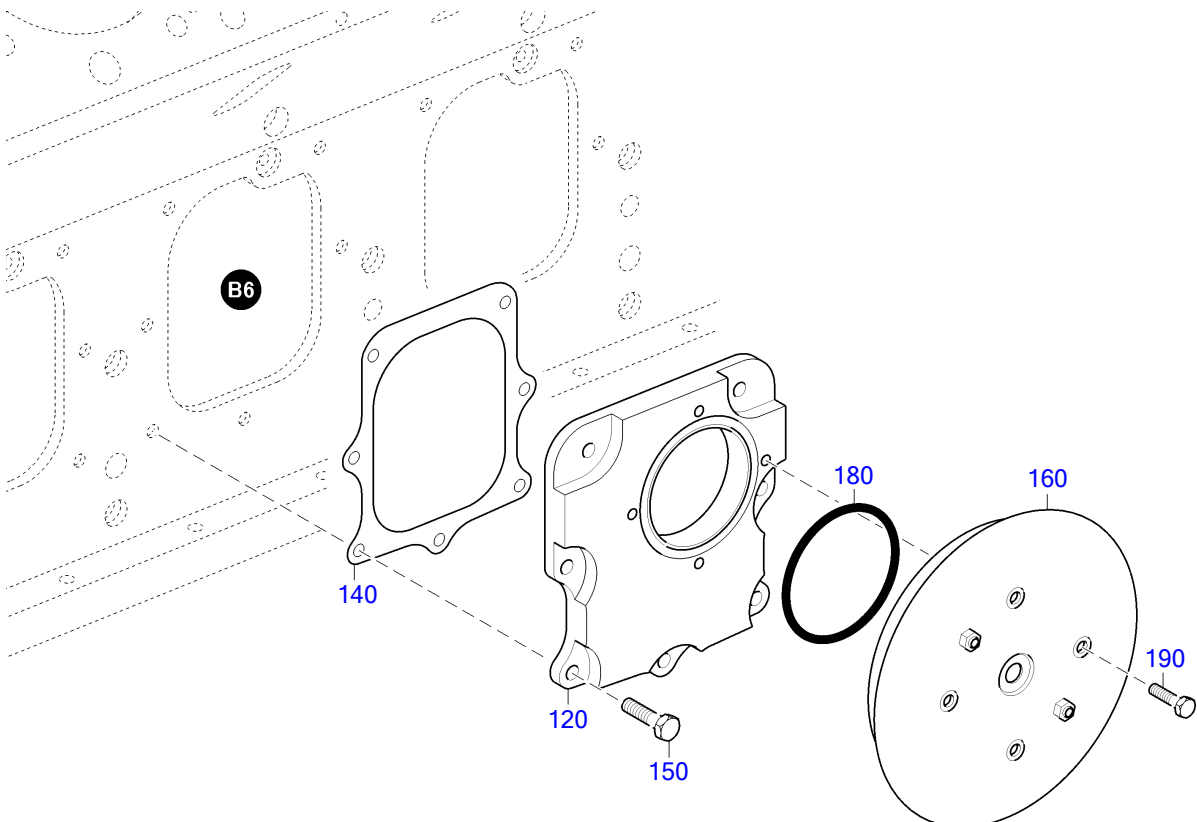
01101187a

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
SAFETY VALVE WITH TEST CERT. 3.1

SERIAL NUMBER: 527110279

FG/FGS: 010 00
BOM-No.: XS594010.00056



01101188a

EQUI TYPE: Engine

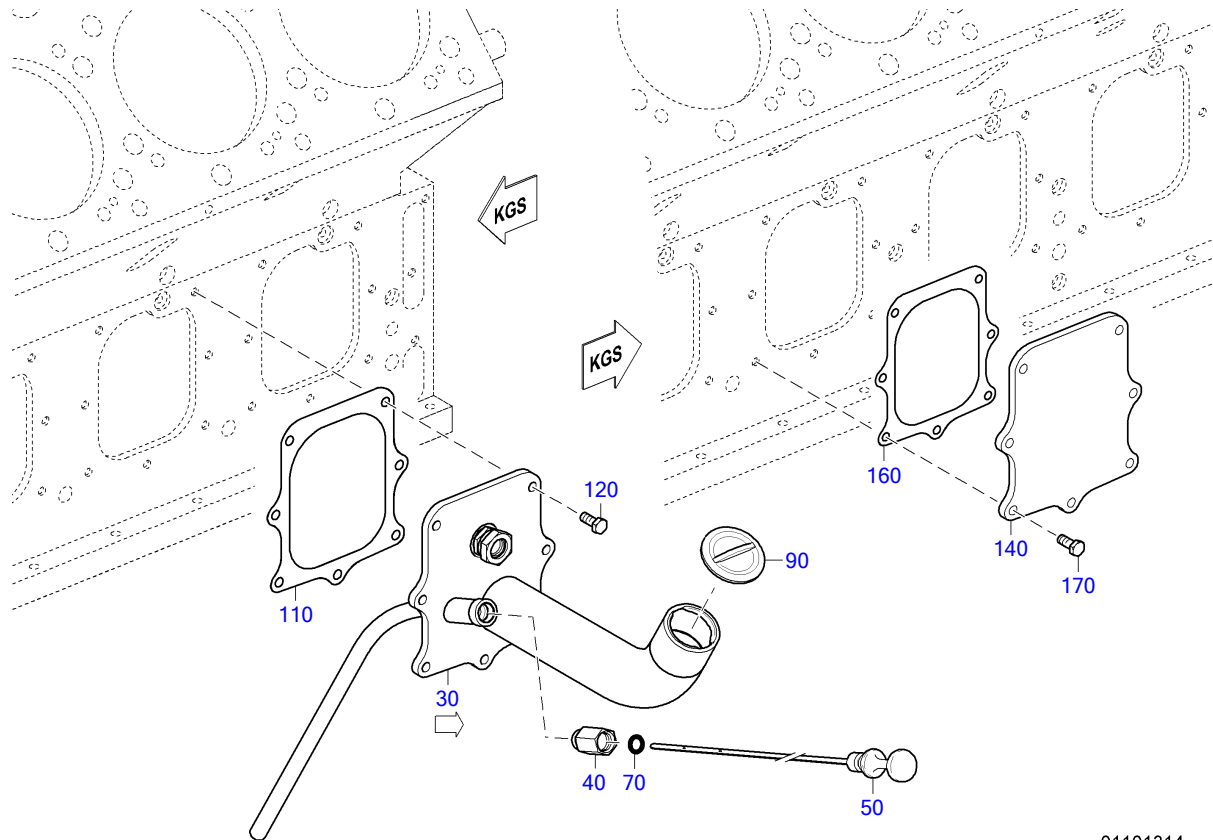
PRODUCT TYPE: 16V4000M23S
SAFETY VALVE WITH TEST CERT. 3.1

SERIAL NUMBER: 527110279

FG/FGS: 010 00

BOM-No.: XS594010.00056

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
20	X52401100005	INSPECT PORT COVER W/SAFETY VALVE	1	PC	4,667 KG		
40	5240111380	GASKET	1	PC			
50	00000003021	HEX SCREW	7	PC	23,700 G	M 10 X 25	ISO4017
60	X58401100013/87	SAFETY VALVE WITH TEST CERT. 3.1	1	PC	4,200 KG		
80	700429095004	O-RING	1	PC	13,800 G	95 X 5	MMN429
90	304017008088	BOLT HEX A3C	4	PC	23,440 G	M 8 X 55	ISO4017
120	X52401100006	INSPECT PORT COVER W/SAFETY VALVE	1	PC	4,857 KG		
140	5240111380	GASKET	1	PC			
150	00000003021	HEX SCREW	7	PC	23,700 G	M 10 X 25	ISO4017
160	X58401100013/87	SAFETY VALVE WITH TEST CERT. 3.1	1	PC	4,200 KG		
180	700429095004	O-RING	1	PC	13,800 G	95 X 5	MMN429
190	304017008088	BOLT HEX A3C	4	PC	23,440 G	M 8 X 55	ISO4017



01101314

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
30	X59401100039	INSPECT PORT COVER W/OIL FILLER NECK	1	PC	4,900 KG		
40	8800180770	CONNECTOR THREADED	1	PC			
50	5240101672	OIL DIPSTICK	1	PC	215 G		
70	700429012002	O-RING	1	PC	2,330 G	12 X 5	MMN429
90	0000181802	OIL FILL CAP	1	PC	113 G		
110	5240111380	GASKET	1	PC			
120	000000003021	HEX SCREW	7	PC	23,700 G	M 10 X 25	ISO4017
140	5240110732	COVER CYL BLOCK ACCESS PORT	1	PC	2,740 KG		
160	5240111380	GASKET	1	PC			
170	000000003021	HEX SCREW	7	PC	23,700 G	M 10 X 25	ISO4017

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
INSPECT PORT COVER W/OIL FILLER NECK

SERIAL NUMBER: 527110279

FG/FGS:

BOM-No.: X59401100039

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	X59401100026	INSPECT PORT COVER W/OIL FILLER NECK	1	PC			
150	0000180201	OIL FILLER NECK	1	PC	91,100 G		
200	5240180070	UNION	1	PC	283 G		
300	5590180165	STRAINER	1	PC	41 G		
350	007603026104	COPPER SEALING RING	1	PC	3,100 G	A 26 X 31	DIN7603
400	915013020002	SCREW NECK	1	PC	67,500 G	20 (M30X1,5/M26X1,5)	N15013
450	915005020001	CONE SEALING	1	PC	15,400 G	22	MBN15005
500	915001020003	NUT	1	PC	48 G	20 M 30 X 1,5	N15001

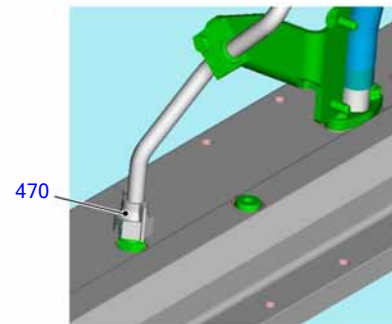
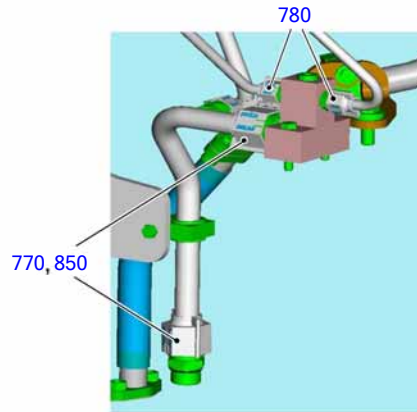
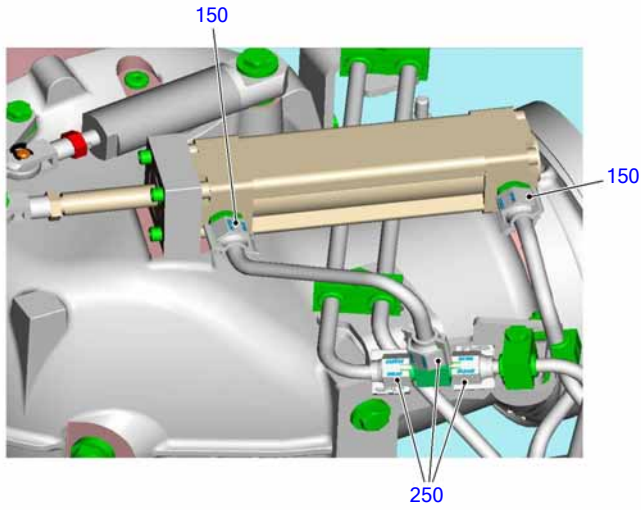
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
HEAT SHIELD FOR SOLAS

SERIAL NUMBER: 527110279

FG/FGS: 010 00

BOM-No.: XS595990.00033



01000676a

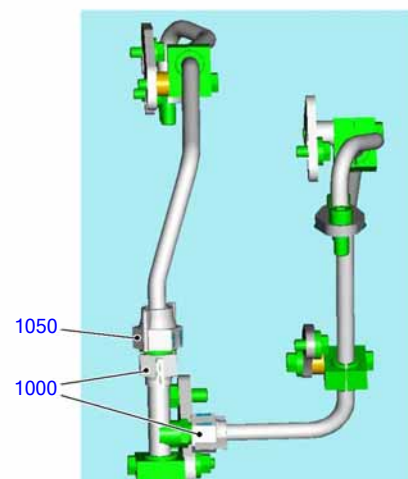
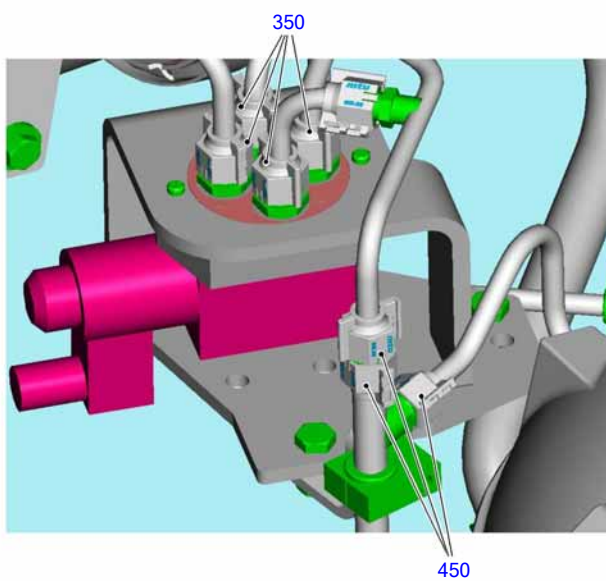
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
HEAT SHIELD FOR SOLAS

SERIAL NUMBER: 527110279

FG/FGS: 010 00

BOM-No.: XS595990.00033



01000677a

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
HEAT SHIELD FOR SOLAS

SERIAL NUMBER: 527110279

FG/FGS: 010 00

BOM-No.: XS595990.00033



01000678a

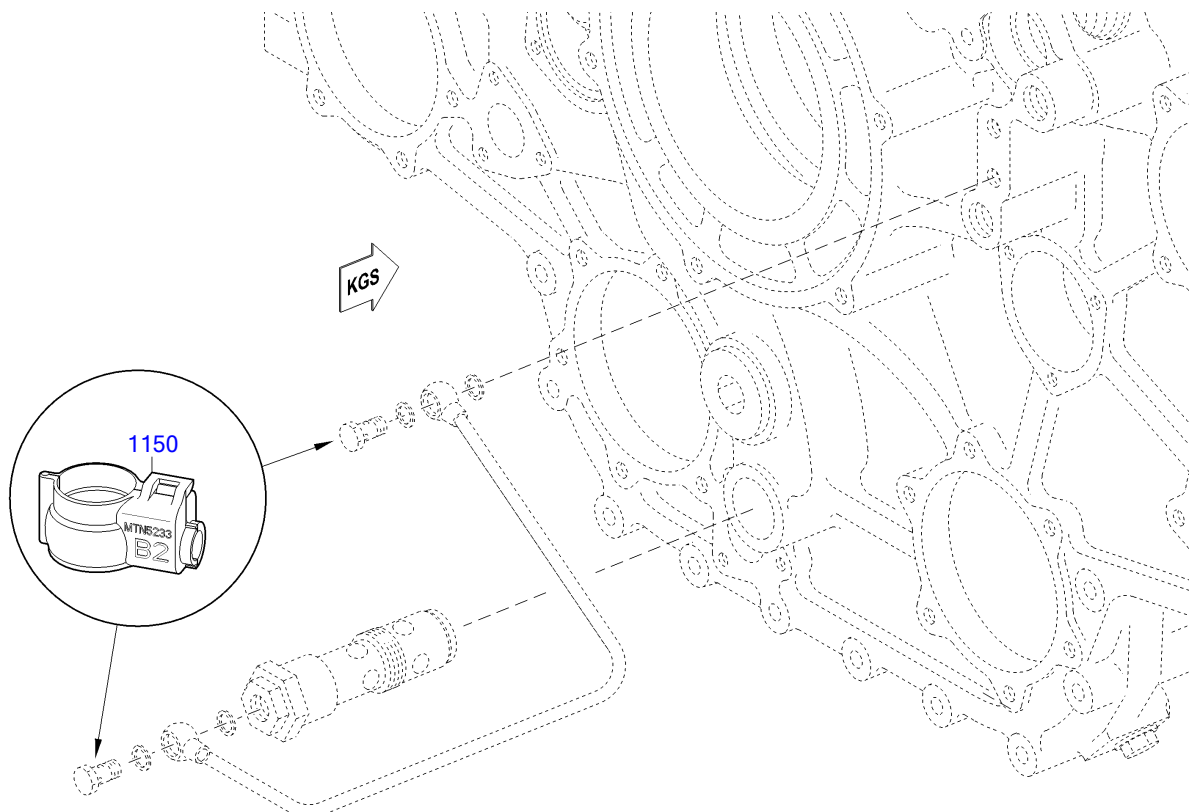
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
HEAT SHIELD FOR SOLAS

SERIAL NUMBER: 527110279

FG/FGS: 010 00

BOM-No.: XS595990.00033



00001053d

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
HEAT SHIELD FOR SOLAS

SERIAL NUMBER: 527110279

FG/FGS: 010 00

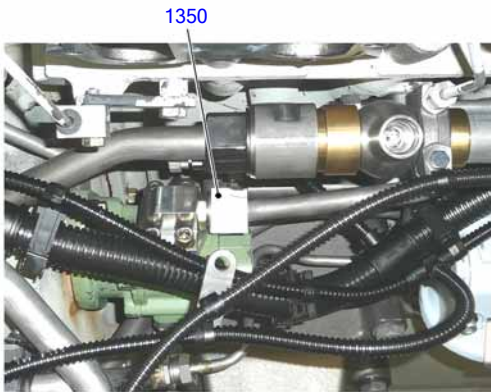
BOM-No.: XS595990.00033



1250



1400



1350



1500

01000665a

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
HEAT SHIELD FOR SOLAS

SERIAL NUMBER: 527110279

FG/FGS: 010 00

BOM-No.: XS595990.00033



1600

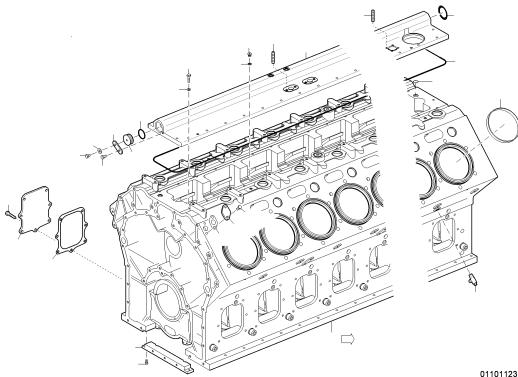


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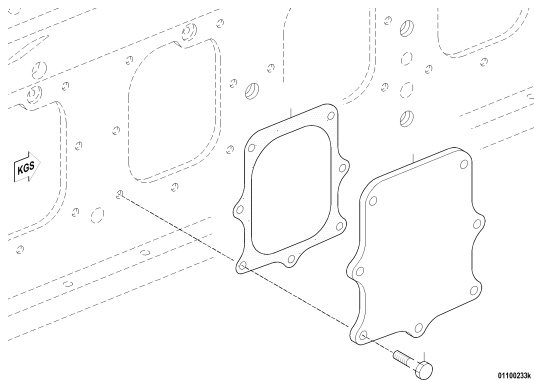
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POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
150	735233000101	COVER	4	PC	3 G	A 5 - X00004694	MTN5233
250	735233000101	COVER	3	PC	3 G	A 5 - X00004694	MTN5233
350	735233000101	COVER	5	PC	3 G	A 5 - X00004694	MTN5233
450	735233000101	COVER	2	PC	3 G	A 5 - X00004694	MTN5233
470	735233000103	COVER	1	PC	5 G	A 7 - X00004797	MTN5233
550	735233000101	COVER	2	PC	3 G	A 5 - X00004694	MTN5233
650	735233000102	COVER	1	PC	4 G	A 6 - X00004796	MTN5233
700	735233000202	COVER	1	PC	10 G	B 4 - X00007482	MTN5233
770	735233000500	COVER	1	PC	10,564 G	E 5 - X00014661	MTN5233
780	735233000101	COVER	2	PC	3 G	A 5 - X00004694	MTN5233
850	735233000500	COVER	1	PC	10,564 G	E 5 - X00014661	MTN5233
1000	735233000102	COVER	1	PC	4 G	A 6 - X00004796	MTN5233
1050	735233000103	COVER	2	PC	5 G	A 7 - X00004797	MTN5233
1150	735233000200	COVER	2	PC	5,500 G	B 2 - X00005424	MTN5233
1350	735233000104	COVER	1	PC	6 G	A 8 - X00004798	MTN5233
1400	735233000104	COVER	1	PC	6 G	A 8 - X00004798	MTN5233
1500	735233000500	COVER	2	PC	10,564 G	E 5 - X00014661	MTN5233
1600	735233000104	COVER	2	PC	6 G	A 8 - X00004798	MTN5233
1700	735233000204	COVER	2	PC	17,900 G	B 6 - X59699100062	MTN5233

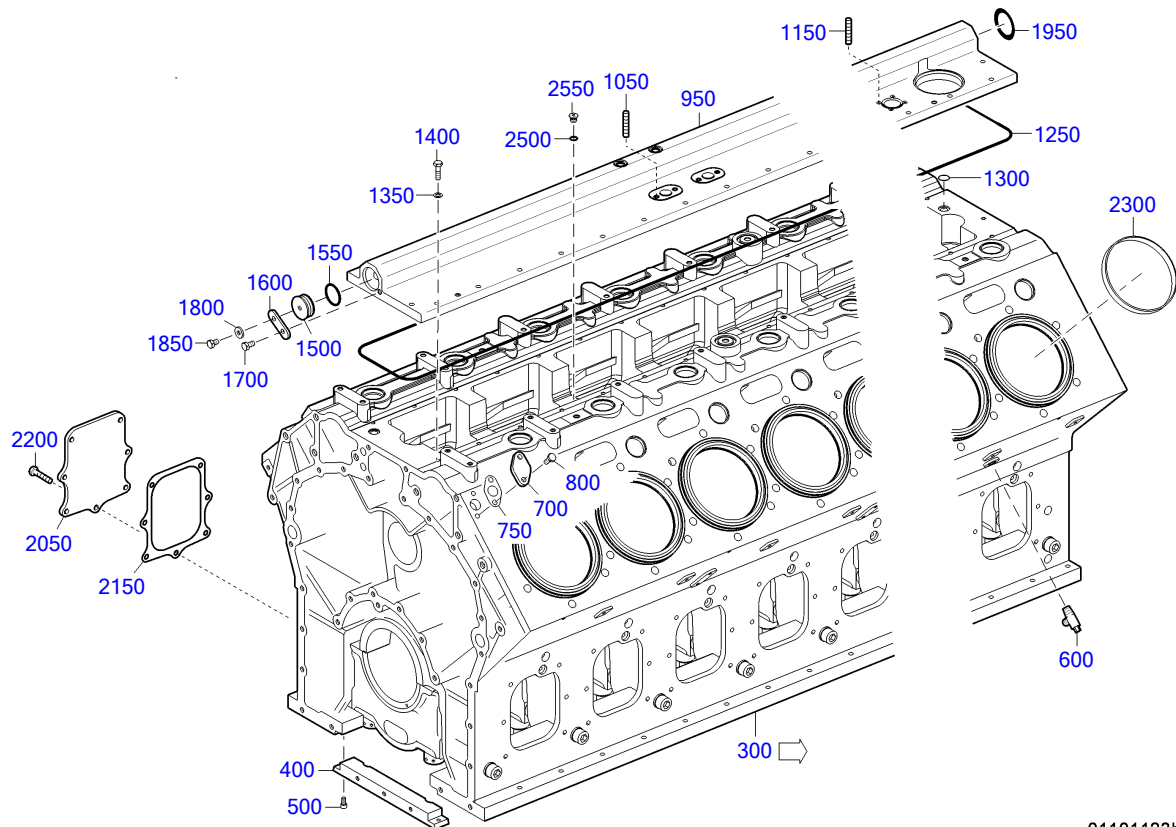
GROUP NUMBER (FG)
GROUP NAME
BOM-No.



CRANKCASE
XS595010.00063



INSPECT PORT COVER
XS593010.00008



01101123b

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
300	X59501100003	CRANKCASE	1	PC		EM		
400	X52401100023	STRIP	1	PC	2,800 KG			
500	000912008115	BOLT HEX SOC HD	2	PC	12 G		M 8 X 16	DIN912
600	0049976736	VALVE DRAIN	2	PC				
700	5240110045	COVER CRANKCASE BREATHER	2	PC	175 G			
750	5501871280	GASKET	2	PC	1,400 G			
800	000000003020	BOLT HEX A3C	4	PC	20,010 G		M 10 X 20	ISO4017
950	X59501100017	COVER FOR CAMSHAFT CHAMBE	1	PC	36,500 KG		16V AS/HORIZ.	
1050	000835008086	STUD	4	PC	13 G		M 8 X 25	DIN835
1150	000835010056	STUD	4	PC			M 10 X 25	DIN835
1250	5279970345	SEAL STRIP	1	PC	183 G		1357X5	
1300	700429018005	O-RING	10	PC	1,900 G		18 X 4	MMN429
1350	000125010524	WASHER	36	PC	3,100 G		A 10,5	DIN125
1400	000000003326	HEX SCREW	36	PC	28,180 G		M 10 X 35	ISO4017
1500	735084050000	PLUG	1	PC	103,600 G		50	MTN5084
1550	700429042000	O-RING	1	PC	6,400 G		42 X 5	MMN429
1600	5249950059	STRAP	1	PC	72 G			
1700	000000003020	BOLT HEX A3C	1	PC	20,010 G		M 10 X 20	ISO4017
1800	007349010002	WASHER	1	PC	11 G		10,5	DIN7349
1850	204017010004	BOLT A3C	1	PC			M 10 X 16	ISO4017
1950	700429055001	O-RING	1	PC	8,110 G		55 X 5	MMN429
2050	5240110732	COVER CYL BLOCK ACCESS PORT	7	PC	2,740 KG			
2150	5240111380	GASKET	7	PC				
2200	000000003021	HEX SCREW	49	PC	23,700 G		M 10 X 25	ISO4017
2300	5240110259	RING CARBON SCRAPER	16	PC	204,500 G			

EQUI TYPE: Engine

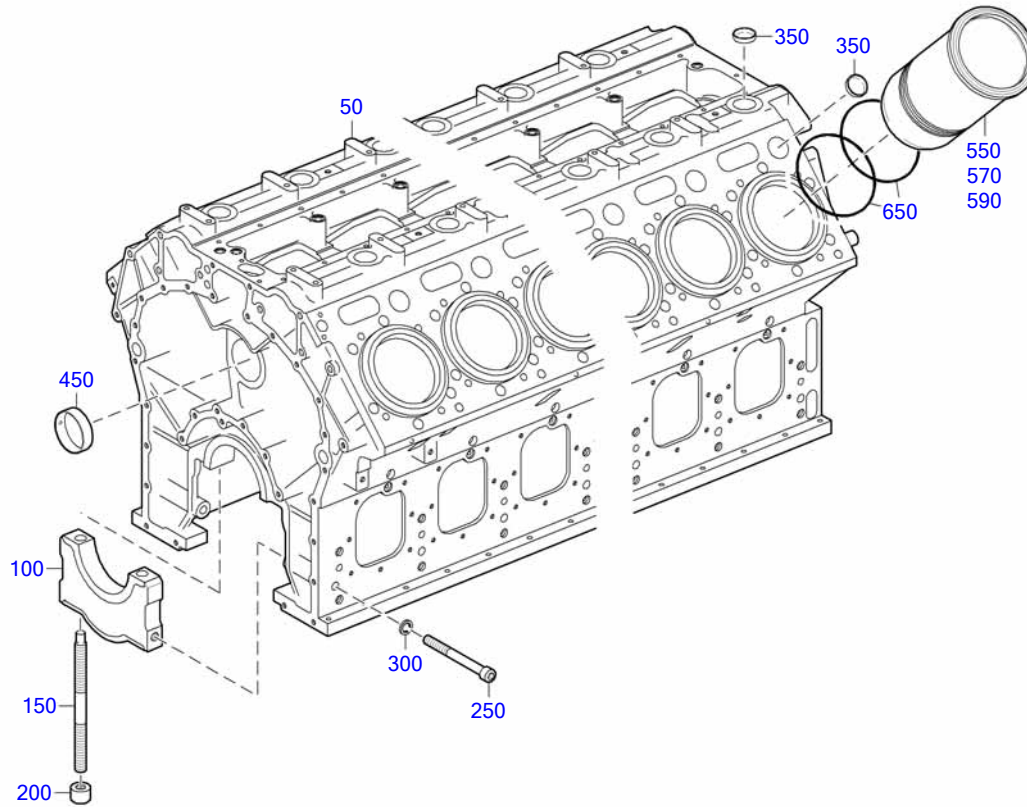
PRODUCT TYPE: 16V4000M23S
CRANKCASE

SERIAL NUMBER: 527110279

FG/FGS: 011 05

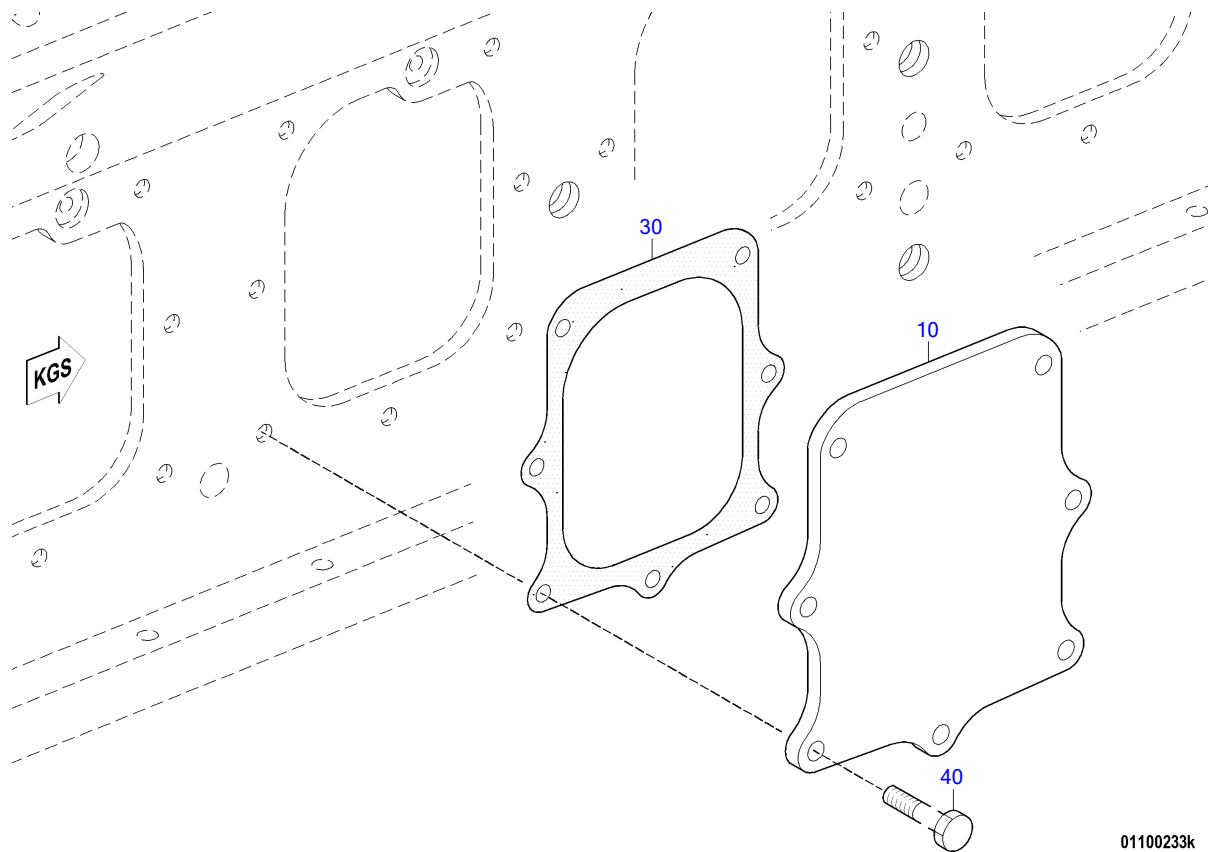
BOM-No.: XS595010.00063

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
2500	007603014102	COPPER SEALING RING	2	PC	1 G		A 14 X 18	DIN7603
2550	000908014001	THREAD PLUG	2	PC	16,100 KG		M 14 X 1,5	DIN908
3050	EX59501100003	CRANKCASE	1	PC		MN EM		



01101017b

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
50	X59501100002	CRANKCASE	1	PC		EM		
100	X59301100005	CRANKSHAFT BRG CAP	9	PC	12,485 KG			
150	5240110570	STUD	18	PC	1,090 KG			
200	5240110172	NUT	18	PC				
250	X52899100040	SCREW W. INTERNAL HEX.	18	PC	448,100 G		M 20 X 180	
300	700521020200	WASHER	18	PC	17,670 G		20,2	MMN521
350	5249970020	SEALING CAP	32	PC			D 50	
450	5240510110	BEARING CAMSHAFT STD	9	PC	137 G			
550	X00027830	CYLINDER LINER SIZE 0 C23	16	PC		EM		
570	X59301300038	CYLINDER LINER STAGE 1	1	PC		EM		
590	X59301300039	CYLINDER LINER STAGE 2	1	PC		EM		
650	5550110259	SEALING RING	32	PC				



01100233k

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	5240110732	COVER CYL BLOCK ACCESS PORT	1	PC	2,740 KG		
30	5240111380	GASKET	1	PC			
40	000000003021	HEX SCREW	7	PC	23,700 G	M 10 X 25	ISO4017

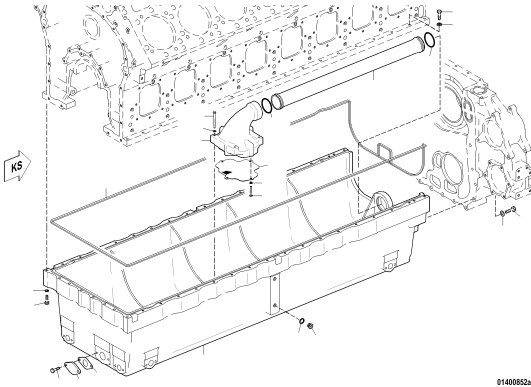
OIL PAN

FG/FGS: 014

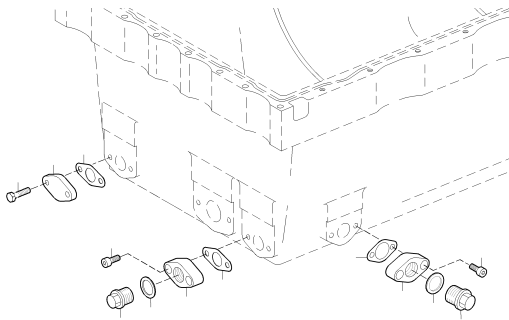
GROUP NUMBER (FG)

GROUP NAME

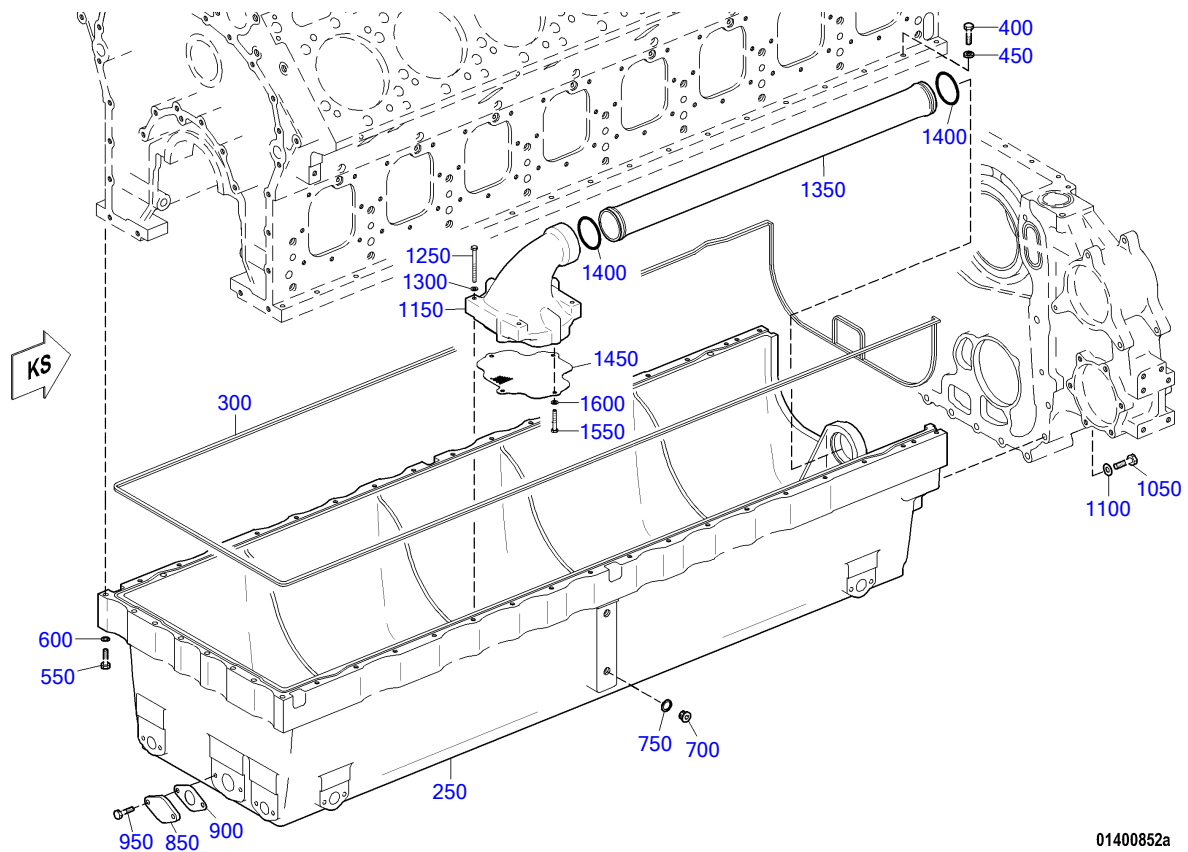
BOM-No.



OIL PAN GRAY CAST IRON
X00025458

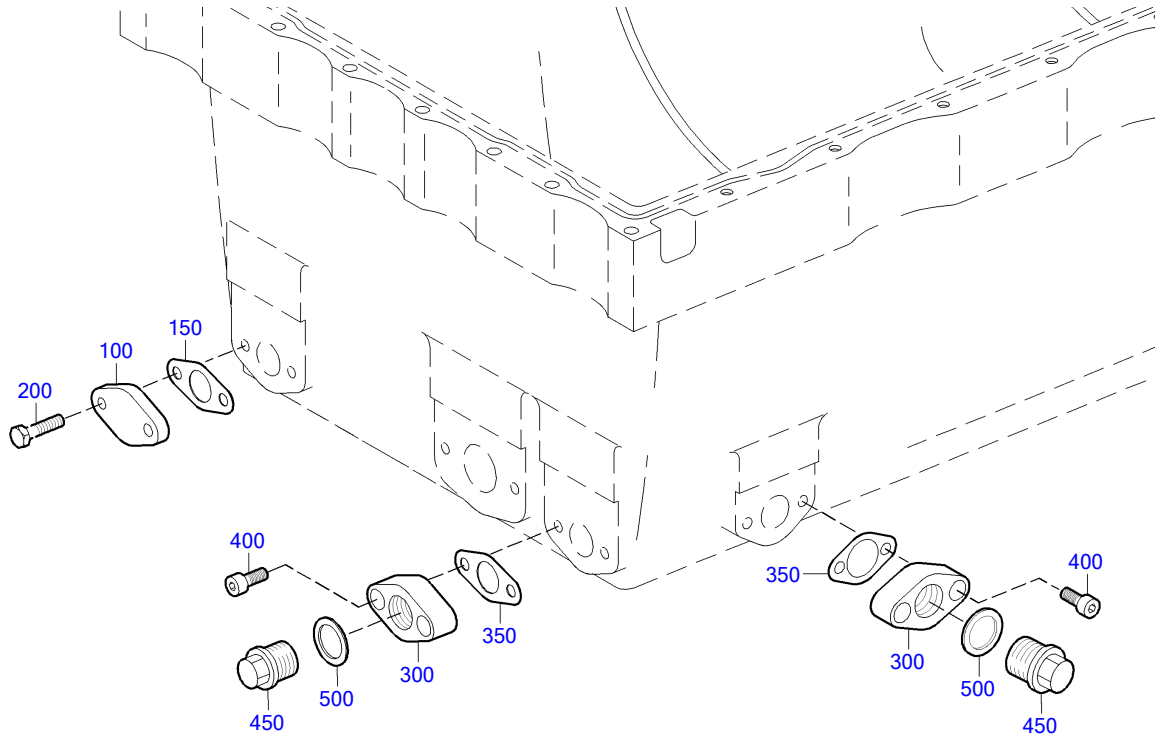


SEAL ELEM. FOR OIL PAN
X00030756



01400852a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
250	5270141002	PAN OIL CAST IRON	16V4000	1	PC				
300	5279870435	SEAL OIL PAN 4569LG		1	PC				
400	000933010095	BOLT HEX		36	PC	36,500 G		M 10 X 50	DIN933
450	735151010100	SPACER		36	PC	11 G		A 10,5	MTN5151
550	000931010315	BOLT HEX		8	PC			M 10 X100	DIN931
600	000125010524	WASHER		8	PC	3,100 G		A 10,5	DIN125
700	000908012003	THREAD PLUG		2	PC	11,900 KG		M 12 X 1,5	DIN908
750	007603012111	COPPER SEALING RING		2	PC	0,700 G		A 12 X 15,5	DIN7603
850	5240140033	COVER	BR4000	1	PC				
900	5240140080	GASKET		1	PC	5 G			
950	000933010035	HEX BOLT		2	PC	23,900 G		M 10 X 25	DIN933
1050	000931012176	BOLT HEX		10	PC			M 12 X150	DIN931
1100	007349013002	WASHER		10	PC	22,600 G	MN	13	DIN7349
1150	X00020248	ELBOW SUMP OIL PICKUP ASM		1	PC	3,300 KG			
1250	000931008189	BOLT HEX		4	PC	39 G		M 8 X 85	DIN931
1300	007349008002	WASHER		4	PC	8,300 G		8,4	DIN7349
1350	5242000754	TUBE PLUG-IN-PIPE	4000	1	PC	3,920 KG			
1400	700429070000	O-RING		2	PC	10,300 G		70 X 5	MMN429
1450	X00020254	STRAINER		1	PC				
1550	304017008087	BOLT HEX		4	PC	4,263 G		M 8 X 50	ISO4017
1600	000125008427	WASHER		4	PC	1,500 G		A 8,4	DIN125



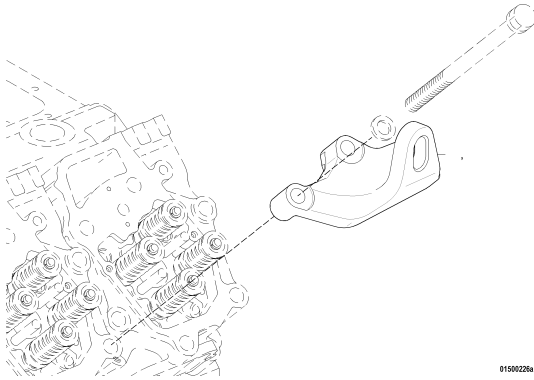
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POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
100	X00018638	FLANGE	7	PC			
150	5602030280	GASKET	7	PC	3,230 G		
200	000933010180	BOLT HEX S2000/4000	14	PC	26 G	M 10 X 28	DIN933
300	5500140145	FLANGE	3	PC			
350	5602030280	GASKET	3	PC	3,230 G		
400	000912010065	BOLT HEX SOC HD	6	PC	24,200 G	M 10 X 25	DIN912
450	5379970030	PLUG	3	PC			
500	007603030101	COPPER SEALING RING	3	PC		A 30 X 36	DIN7603

GROUP NUMBER (FG)

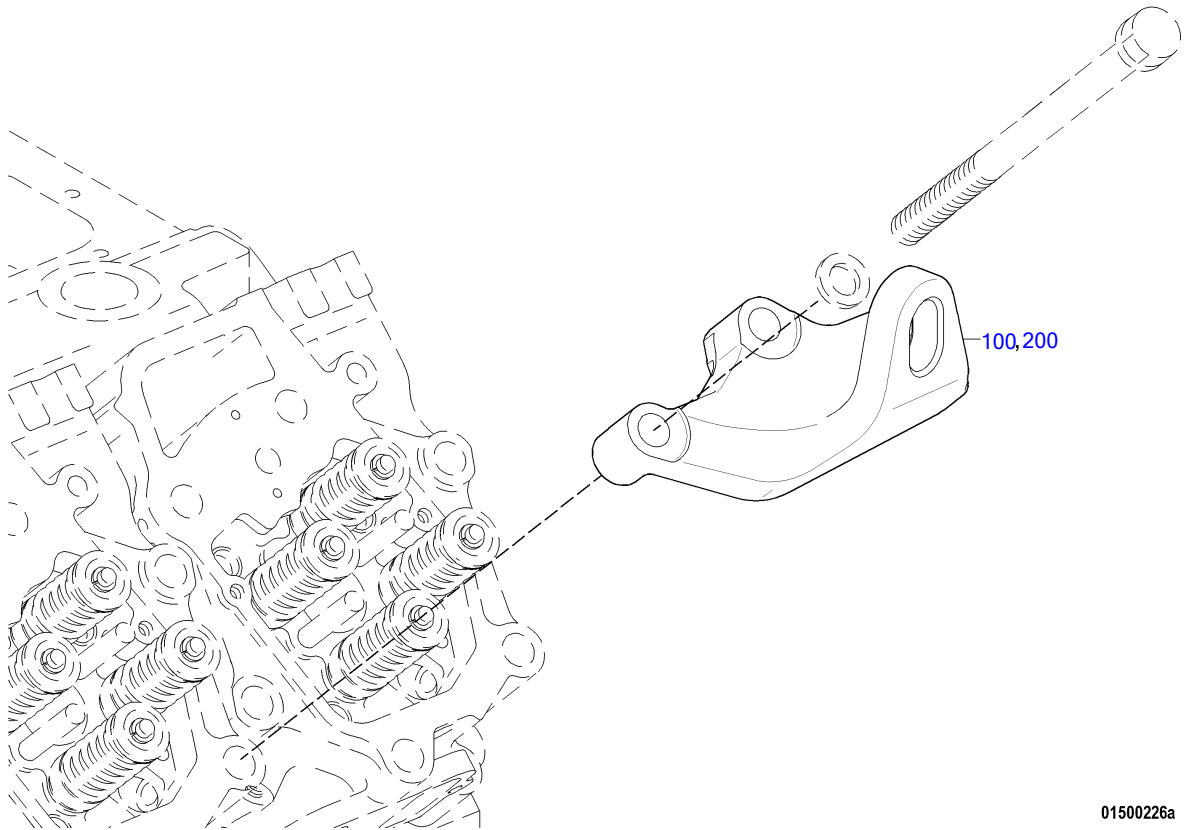
GROUP NAME

BOM-No.



ENGINE MOUNTING REINFORCED
XS596010.00036

01500226a



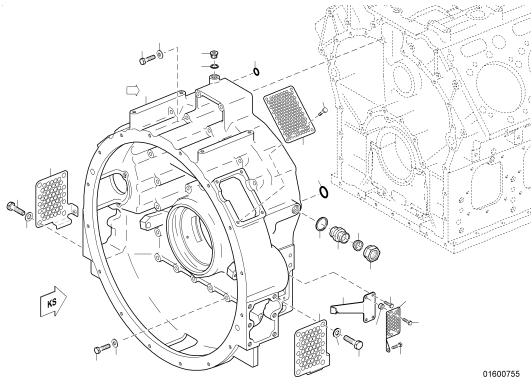
01500226a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
100	X52801500002	LIFTING EYE	2	PC	8,900 KG
200	X52801500002	LIFTING EYE	2	PC	8,900 KG

GROUP NUMBER (FG)

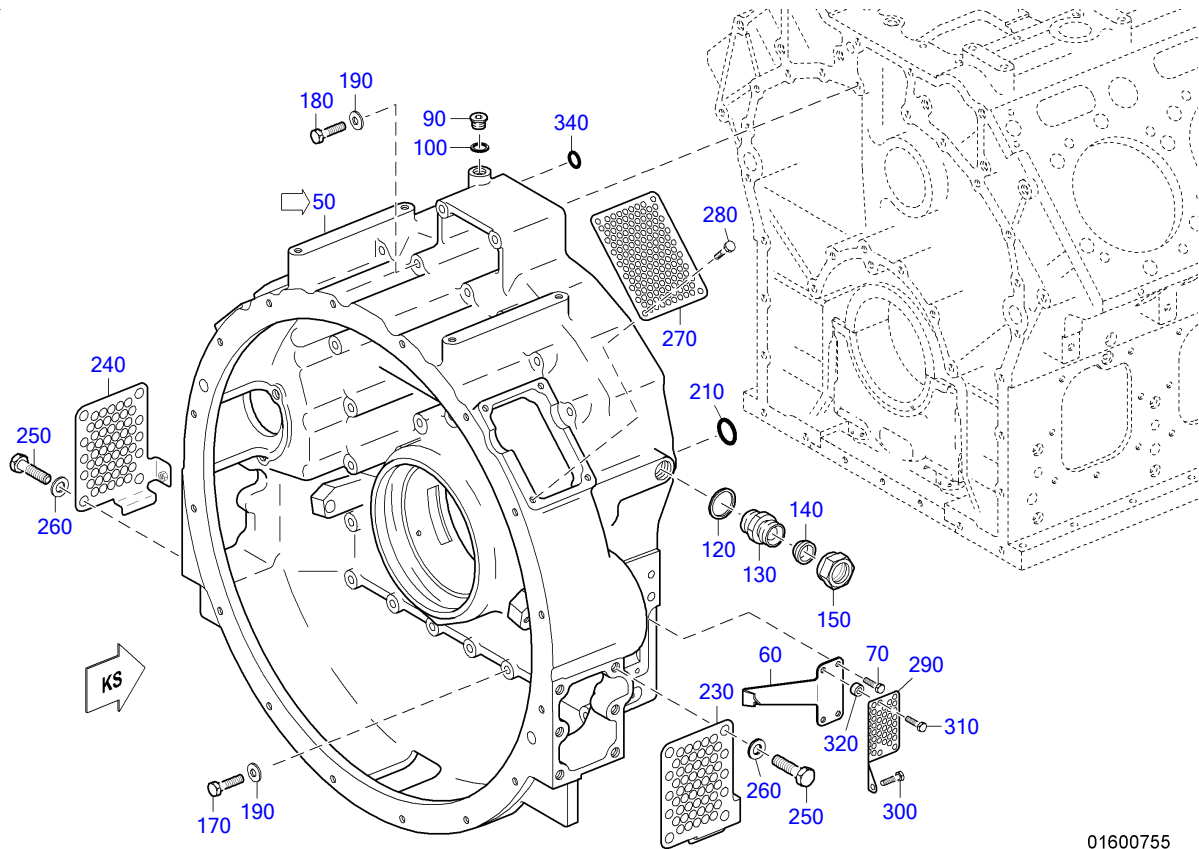
GROUP NAME

BOM-No.



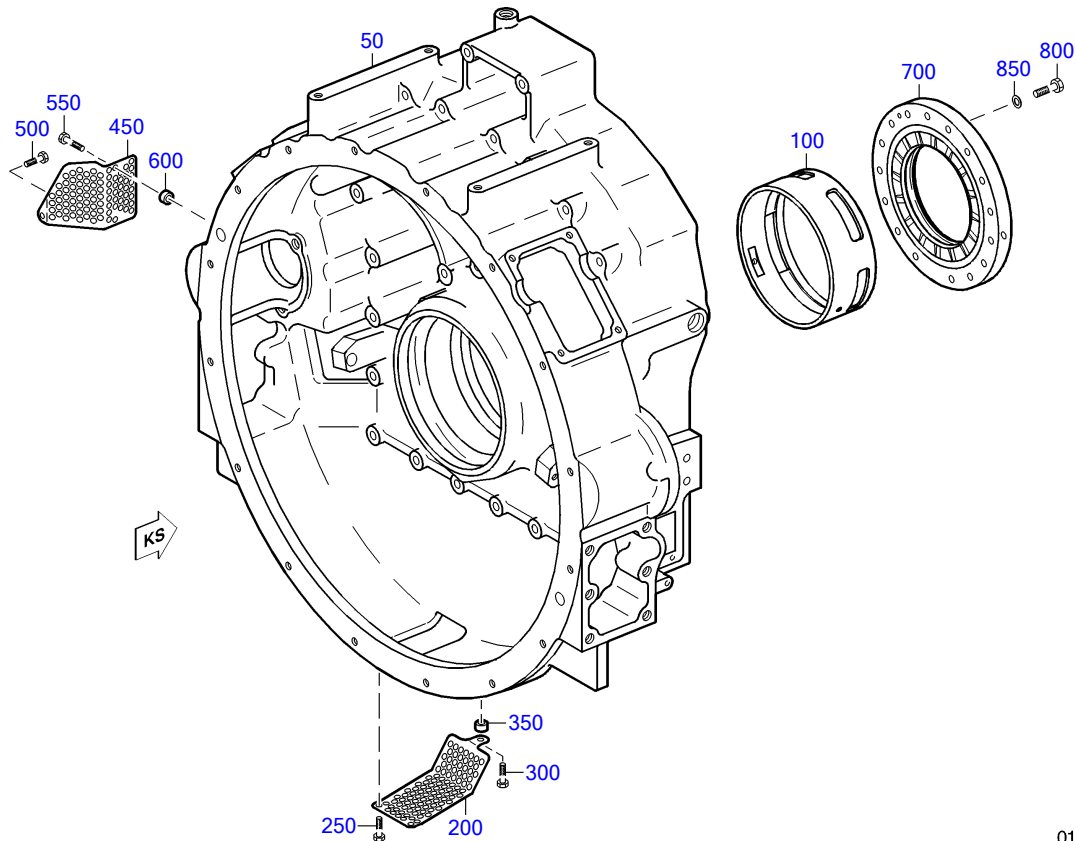
FLYWHEEL HOUSING
XS593010.00019

01600755



01600755

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	X00021778	F/W HSG ASM		1	PC	231,500 KG		
60	X59301600002	DEAD-CENTER INDICATR		1	PC	240 G		
70	304017008077	BOLT HEX A3C S2000/4000		2	PC	10 G	M 8 X 16	ISO4017
90	000908026005	THREAD PLUG		1	PC	69,900 KG	M 26 X 1,5	DIN908
100	007603026104	COPPER SEALING RING		1	PC	3,100 G	A 26 X 31	DIN7603
120	007603030101	COPPER SEALING RING		2	PC		A 30 X 36	DIN7603
130	915007020001	CONNECTOR 20/16		2	PC	86,200 G	20 / 16 (M30X1,5/M26X1,5)	N15007
140	915005016000	CONE SEALING 18		2	PC	12 G	18	MBN15005
150	915001016004	NUT 16 M26X1.5 BL.GEOELT		2	PC	40,900 G	16 M 26 X 1,5	N15001
170	000931012215	BOLT HEX		23	PC	141 G	M 12 X150	DIN931
180	000931012106	BOLT HEX		8	PC	186 G	M 12 X200	DIN931
190	006796012100	CONICL SPRING WASHER		31	PC	12 G	12	DIN6796
210	700429033001	O-RING		2	PC	5,100 G	33 X 5	MMN429
230	5240100267	PLATE GUARD RIGHT		1	PC	511,700 G		
240	5240100367	PLATE GUARD LEFT		1	PC	629 G		
250	000933016003	BOLT HEX		8	PC	71 G	M 16 X 25	DIN933
260	000125017014	WASHER		8	PC	10 G	A 17	DIN125
270	X00021753	GUARD PLATE		2	PC			
280	304017008077	BOLT HEX A3C S2000/4000		8	PC	10 G	M 8 X 16	ISO4017
290	5240140515	SCREEN FLYWHL HSG RT	BR 4000	1	PC	113 G		
300	304017008076	HEX BOLT		1	PC	9,200 G	M 8 X 12	ISO4017
310	304017008081	HEX BOLT		2	PC	13,500 G	M 8 X 25	ISO4017
320	5511530050	SPACER BUSHING		2	PC	13,310 G	Ø18/Ø10 × 10	
340	700429020003	O-RING		2	PC	2,120 G	20 X 4	MMN429



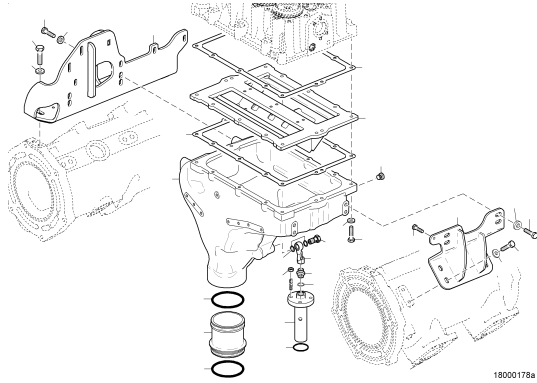
01600178a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	X00021780	FLYWHEEL HOUSING		1	PC			
100	5240332730	CRANKSHAFT BEARING DRIVING END (KS)		1	PC	2,220 KG		
200	5240100467	SCREEN FLYWHEEL BOTTOM	4000	1	PC	124 G		
250	304017008076	HEX BOLT		2	PC	9,200 G	M 8 X 12	ISO4017
300	304017008081	HEX BOLT		1	PC	13,500 G	M 8 X 25	ISO4017
350	5511530050	SPACER BUSHING		1	PC	13,310 G	Ø18/Ø10 × 10	
450	5240140615	SCREEN FLYWHL HSG LT	BR 4000	1	PC	104 G		
500	304017008076	HEX BOLT		1	PC	9,200 G	M 8 X 12	ISO4017
550	304017008081	HEX BOLT		2	PC	13,500 G	M 8 X 25	ISO4017
600	5511530050	SPACER BUSHING		2	PC	13,310 G	Ø18/Ø10 × 10	
700	X59303100024	THRUST WASHER		1	PC			
800	000931010105	BOLT HEX		16	PC	44,250 G	M 10 X 60	DIN931
850	200433010500	WASHER		16	PC	1,900 G	10,5	DIN433

GROUP NUMBER (FG)

GROUP NAME

BOM-No.



CRANKCASE BREATHER FOR 16V
XS595010.00066

18000178a

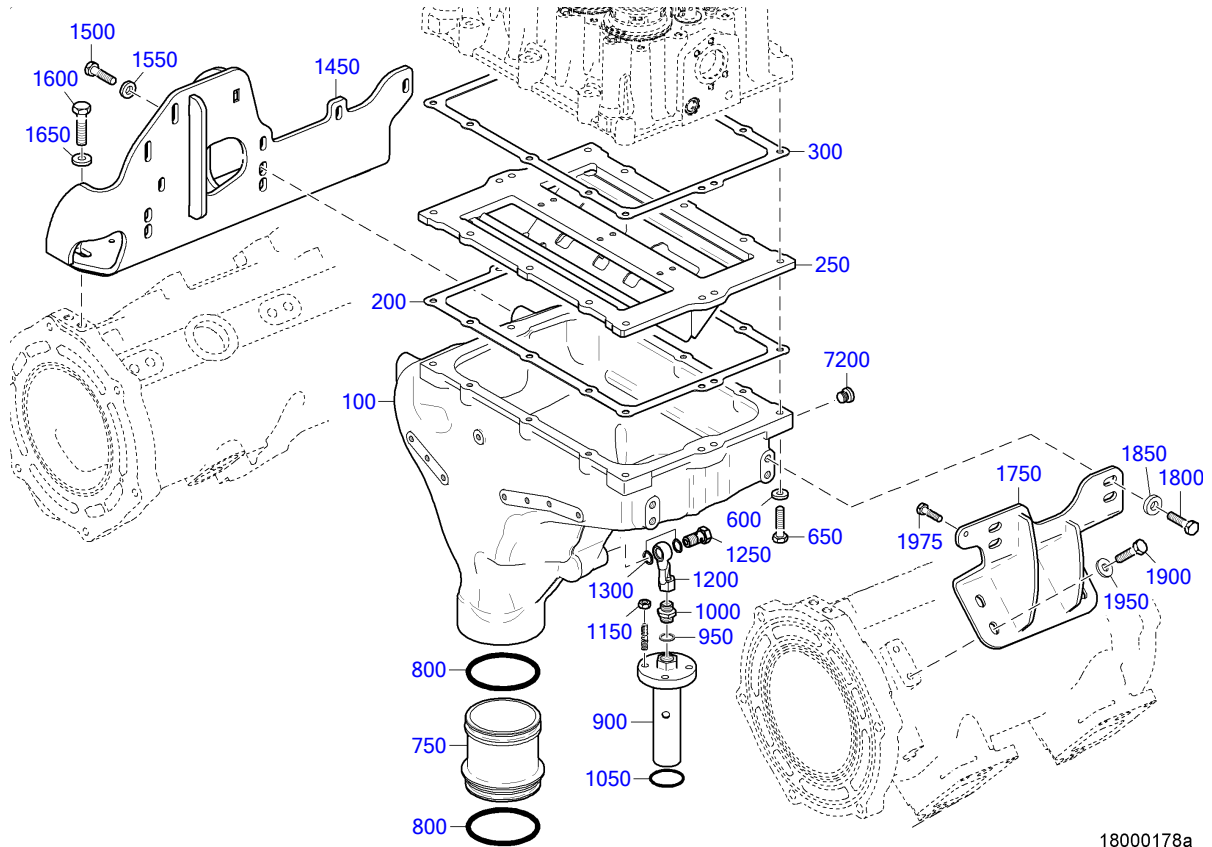
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CRANKCASE BREATHER FOR 16V

SERIAL NUMBER: 527110279

FG/FGS: 018 00

BOM-No.: XS595010.00066



18000178a

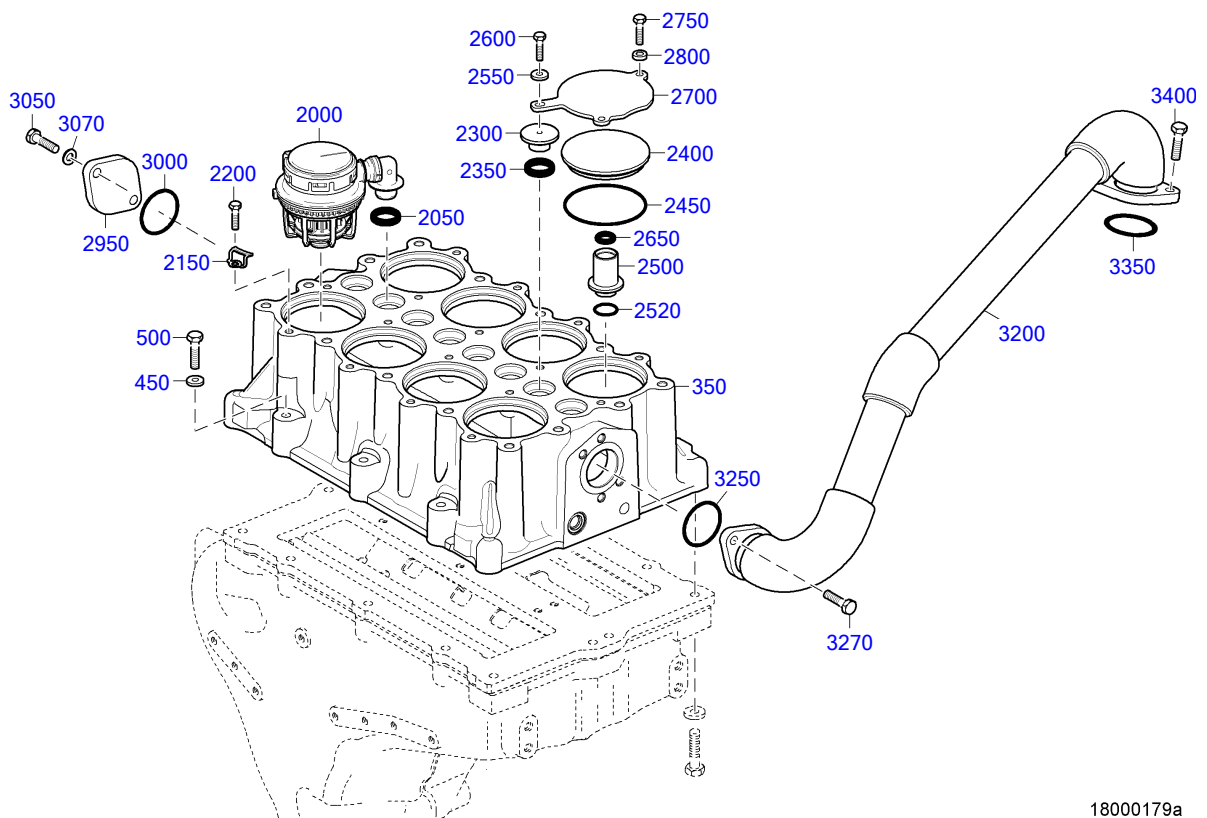
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CRANKCASE BREATHER FOR 16V

SERIAL NUMBER: 527110279

FG/FGS: 018 00

BOM-No.: XS595010.00066



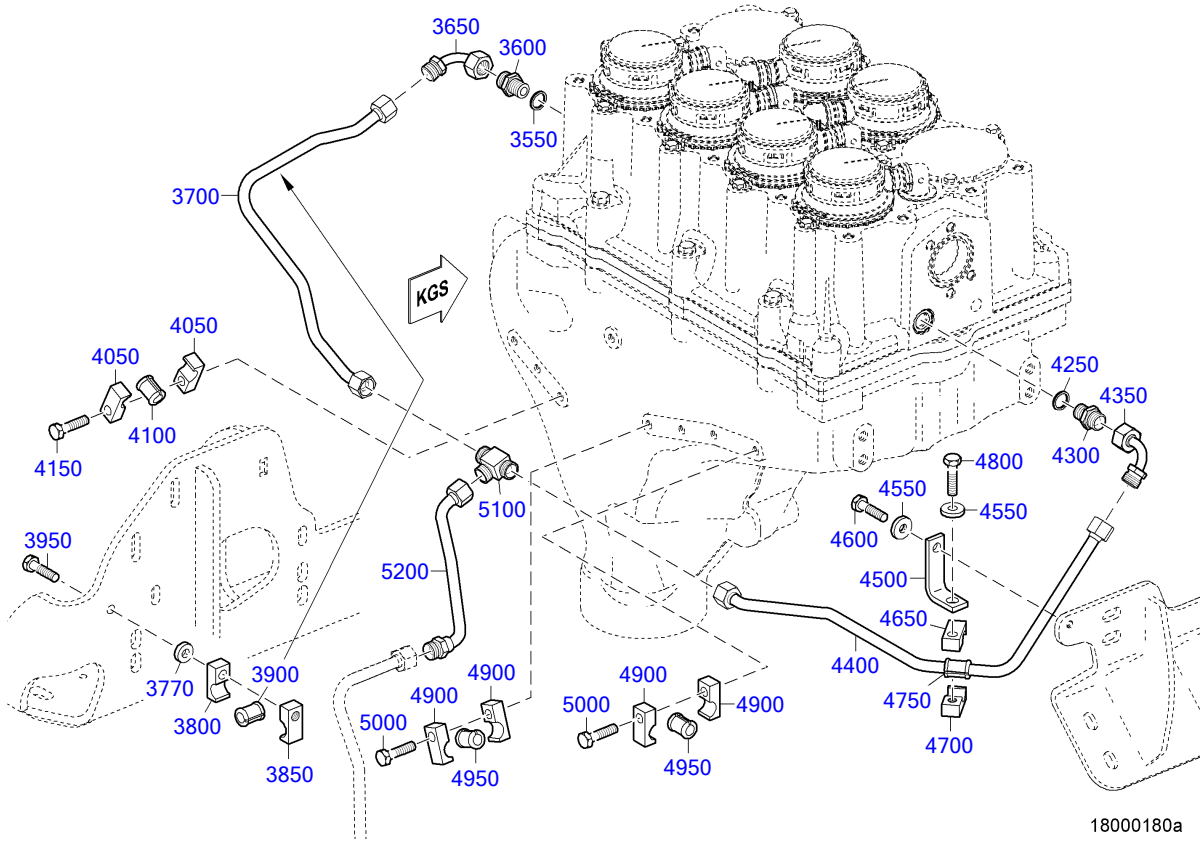
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EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CRANKCASE BREATHER FOR 16V

SERIAL NUMBER: 527110279

FG/FGS: 018 00
BOM-No.: XS595010.00066

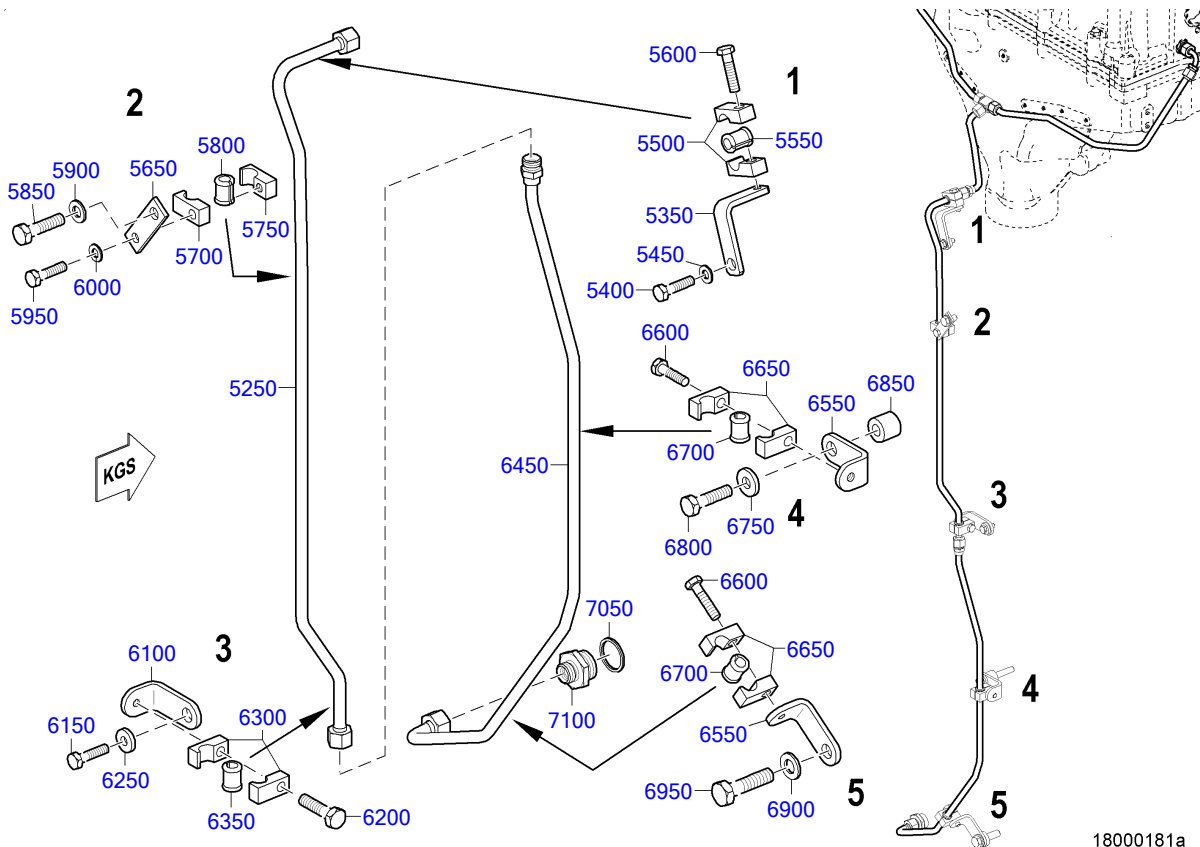


EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CRANKCASE BREATHER FOR 16V

SERIAL NUMBER: 527110279

FG/FGS: 018 00
BOM-No.: XS595010.00066



POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
100	X59401800012	VENT HOUSING		1	PC	30 KG	EM		
200	X52701800027	GASKET		1	PC	52 G			
250	X52701800028	OIL PRESEPARATOR		1	PC	7,800 KG	EM		
300	X52701800027	GASKET		1	PC	52 G			
350	X59301800037	IMPAKTOR CARRIER		1	PC	10,340 KG	EM		
450	000125008427	WASHER		6	PC	1,500 G		A 8,4	DIN125
500	204017008032	HEX SCREW		6	PC	25,900 G		M 8 X 65	ISO4017
600	000125008427	WASHER		8	PC	1,500 G		A 8,4	DIN125
650	304017008087	BOLT HEX		8	PC	4,263 G		M 8 X 50	ISO4017
750	X52701800025	PLUG-IN PIPE		1	PC	860 G			
800	700429085002	O-RING		2	PC	17,640 G		85 X 6	MMN429
900	X00036071	DRAIN PIPE		1	PC	706 G	SB EM		
950	007603016105	COPPER SEALING RING		1	PC			A 16 X 20	DIN7603
1000	915006008002	UNION		1	PC	29,700 G		8	N15006
1050	700429040000	O-RING		1	PC	2,350 G		40 X 3	MMN429
1150	304032008014	NUT HEX 8 A3C		4	PC	4,800 G		M 8	ISO4032
1200	X52701800037	OIL LINE		1	PC	87 G	SB		
1250	700223006000	BOLT BANJO A8 S2000/4000		1	PC	38,800 G		A 8	MMN223
1300	007603014102	COPPER SEALING RING		2	PC	1 G		A 14 X 18	DIN7603
1450	X59501800070	RETAINER F/CRANKCASE VENTILA		1	PC	10 KG			
1500	000000001464	BOLT HEX A3C		4	PC	25 G		M 10 X 30	ISO4017
1550	735151010100	SPACER		4	PC	11 G		A 10,5	MTN5151
1600	204017012009	HEX SCREW		2	PC	45 G	MN	M 12 X 40	ISO4017
1650	007349013002	WASHER		2	PC	22,600 G	MN	13	DIN7349
1750	X59501800025	RETAINER F.CRANKC.VENT.LEFT		1	PC	3,140 KG			
1800	000000003021	HEX SCREW		4	PC	23,700 G		M 10 X 25	ISO4017
1850	735151010100	SPACER		4	PC	11 G		A 10,5	MTN5151
1900	000000003021	HEX SCREW		4	PC	23,700 G		M 10 X 25	ISO4017
1950	007349010002	WASHER		4	PC	11 G		10,5	DIN7349
2000	X54701800063	OIL SEPARATOR		6	PC	180 G	EM		
2050	700429020004	O-RING		6	PC	5,100 G		20 X 6	MMN429
2150	XP57518300057	RETAINER		12	PC	3 G			
2175	000125006431	WASHER		10	PC	0,900 G		A 6,4	DIN125
2200	000933006207	BOLT HEX		12	PC	5,100 G		M 6 X 14	DIN933
2300	X57518300050	PLUG		2	PC	52 G			
2350	XP57518300057	RETAINER		4	PC	3 G			
2375	000125006431	WASHER		4	PC	0,900 G		A 6,4	DIN125
2400	000933006207	BOLT HEX		4	PC	5,100 G		M 6 X 14	DIN933
2500	X54799100074	PLUG		2	PC	30 G			
2950	X59499100174	FLANGE		1	PC				
3000	700429043000	O-RING		1	PC	2,340 G		43 X 3	MMN429
3050	304017008081	HEX BOLT		2	PC	13,500 G		M 8 X 25	ISO4017
3070	000125008427	WASHER		2	PC	1,500 G		A 8,4	DIN125
3200	X59501800092	VENT LINE F/CRANKCASE VENTILA		1	PC	853 G	EM		
3250	700429043000	O-RING		1	PC	2,340 G		43 X 3	MMN429
3270	304017008081	HEX BOLT		2	PC	13,500 G		M 8 X 25	ISO4017
3350	700429043000	O-RING		1	PC	2,340 G		43 X 3	MMN429
3400	304017008081	HEX BOLT		2	PC	13,500 G		M 8 X 25	ISO4017
3550	007603014102	COPPER SEALING RING		1	PC	1 G		A 14 X 18	DIN7603
3600	735070008000	ADAPTER		1	PC	26,600 G		10	MTN5070
3650	700160000008	ELBOW		1	PC	67 G		KR 8	MMN160
3700	X59501800075	OIL LINE		1	PC	131 G	SB		
3770	735151008200	SPACER		1	PC	13 G		B 8,4	MTN5151
3800	700325015100	CLAMP HALF TUBE 1/1 D9-15		1	PC	34,030 G		1/1 D 9 - 15	MMN325

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
3850	700325015200	CLAMP HALF TUBE 1/1 G8-15		1	PC	35 G		1/1 G 8 - 15	MMN325
3900	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
3925	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
3950	304017008087	BOLT HEX		1	PC	4,263 G		M 8 X 50	ISO4017
4050	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34,030 G		1/1 D 9 - 15	MMN325
4100	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
4150	304017008084	BOLT HEX A3C		1	PC	16,565 G		M 8 X 35	ISO4017
4250	007603014102	COPPER SEALING RING		1	PC	1 G		A 14 X 18	DIN7603
4300	735070008000	ADAPTER		1	PC	26,600 G		10	MTN5070
4350	700160000008	ELBOW		1	PC	67 G		KR 8	MMN160
4400	X59501800074	OIL LINE		1	PC	155 G	SB		
4500	5502030343	BRACKET		1	PC	52 G			
4550	007349008002	WASHER		2	PC	8,300 G		8,4	DIN7349
4600	304017008079	BOLT HEX		1	PC	12,370 G		M 8 X 20	ISO4017
4650	700325015100	CLAMP HALF TUBE 1/1 D9-15		1	PC	34,030 G		1/1 D 9 - 15	MMN325
4700	700325015200	CLAMP HALF TUBE 1/1 G8-15		1	PC	35 G		1/1 G 8 - 15	MMN325
4750	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
4775	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
4800	304017008084	BOLT HEX A3C		1	PC	16,565 G		M 8 X 35	ISO4017
4900	700325015100	CLAMP HALF TUBE 1/1 D9-15		4	PC	34,030 G		1/1 D 9 - 15	MMN325
4950	700327010000	GROMMET		2	PC	3,650 G		10	MMN327
5000	304017008084	BOLT HEX A3C		2	PC	16,565 G		M 8 X 35	ISO4017
5100	5569970674	FITTING TEE		1	PC	62 G		DN 8 / M16X1,5	
5200	X59518400002	OIL LINE		1	PC	100 G	SB		
5250	X52701800034	OIL LINE		1	PC		SB		
5350	5801530840	BRACKET		1	PC	67 G			
5400	304017008077	BOLT HEX A3C S2000/4000		1	PC	10 G		M 8 X 16	ISO4017
5450	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125
5500	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34,030 G		1/1 D 9 - 15	MMN325
5550	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
5600	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
5650	5500784541	BRACKET FLAT H:06		1	PC	35 G			
5700	700325015100	CLAMP HALF TUBE 1/1 D9-15		1	PC	34,030 G		1/1 D 9 - 15	MMN325
5750	700325015200	CLAMP HALF TUBE 1/1 G8-15		1	PC	35 G		1/1 G 8 - 15	MMN325
5800	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
5850	000000003020	BOLT HEX A3C		1	PC	20,010 G		M 10 X 20	ISO4017
5900	000125010524	WASHER		1	PC	3,100 G		A 10,5	DIN125
5950	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
6000	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125
6100	5315461043	BRACKET L H:52	8V2000M90	1	PC	81,090 G			
6150	304017008079	BOLT HEX		1	PC	12,370 G		M 8 X 20	ISO4017
6200	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
6250	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
6300	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34,030 G		1/1 D 9 - 15	MMN325
6350	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
6450	X59301800035	OIL LINE		1	PC	0,245 KG	SB		
6550	5315461043	BRACKET L H:52	8V2000M90	1	PC	81,090 G			
6600	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
6650	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34,030 G		1/1 D 9 - 15	MMN325
6700	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
6750	007349010002	WASHER		1	PC	11 G		10,5	DIN7349
6800	304017010039	BOLT HEX		1	PC	44 G		M 10 X 70	ISO4017
6850	X59699100034	SPACER SLEEVE		1	PC	42 G			
6860	5240940253	SPACER SLEEVE	4000	1	PC			9MM X 20MM L=25	

EQUI TYPE: Engine

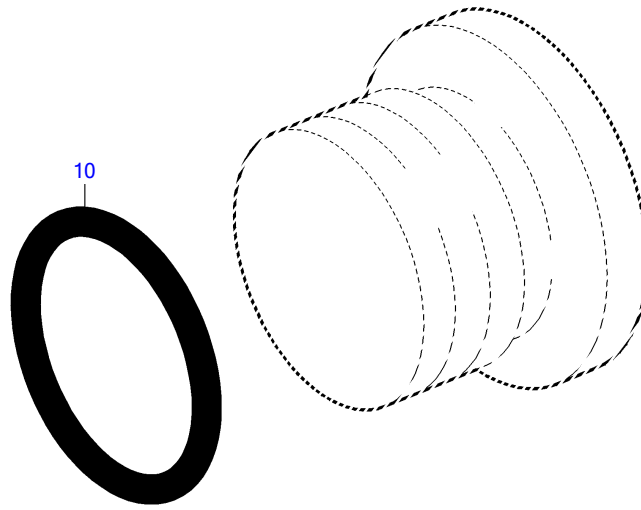
PRODUCT TYPE: 16V4000M23S
CRANKCASE BREATHER FOR 16V

SERIAL NUMBER: 527110279

FG/FGS: 018 00

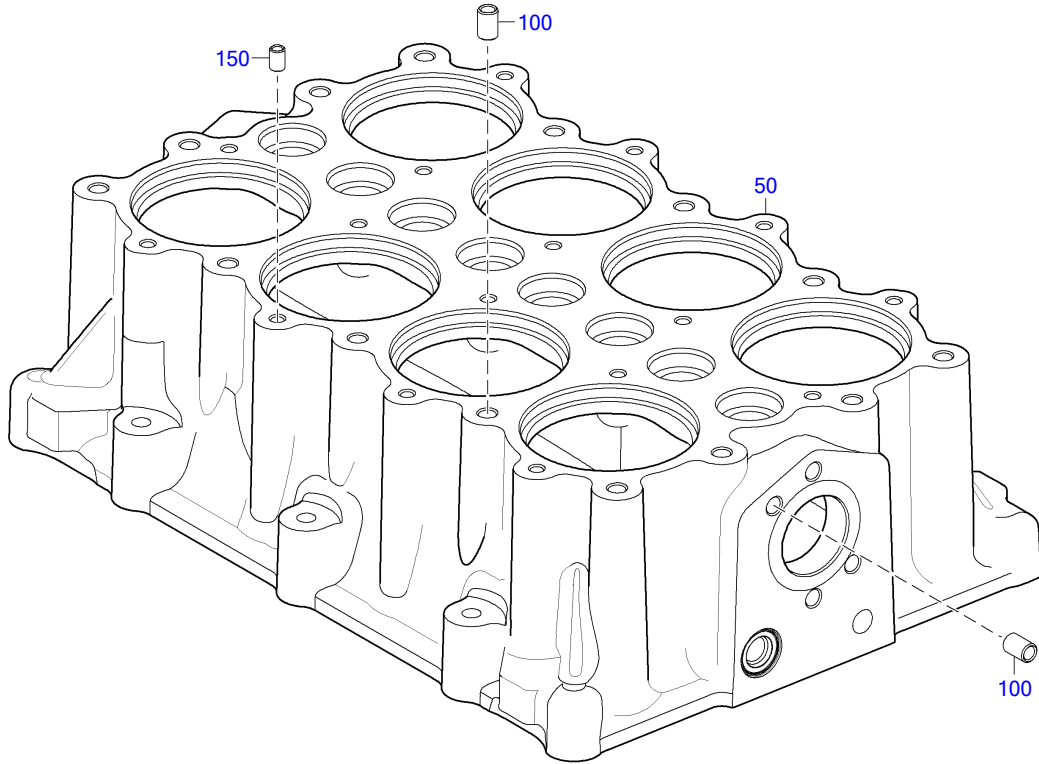
BOM-No.: XS595010.00066

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
6870	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
6875	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34,030 G		1/1 D 9 - 15	MMN325
6880	000000001463	BOLT HEX A3C		1	PC	31,400 G		M 8 X 80	ISO4017
6960	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
6970	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34,030 G		1/1 D 9 - 15	MMN325
6980	304017008084	BOLT HEX A3C		1	PC	16,565 G		M 8 X 35	ISO4017
7050	007603026104	COPPER SEALING RING		1	PC	3,100 G		A 26 X 31	DIN7603
7100	915007016000	CONNECTOR 16/10		1	PC	64 G		16 / 10 (M26X1,5/M18X1,5)	N15007
7200	735210014000	THREAD PLUG		1	PC	19,100 KG		M 14 X 1,5	MTN5210
7300	700429043000	O-RING		1	PC	2,340 G		43 X 3	MMN429
7350	X59499100174	FLANGE		1	PC				
7400	000125008427	WASHER		2	PC	1,500 G		A 8,4	DIN125
7450	304017008081	HEX BOLT		2	PC	13,500 G		M 8 X 25	ISO4017



E0005821a0

POS.	PART NO.	DESIGNATION	QTY.	UNITS	MEASUREMENT	STANDARD
10	735221011000	O-RING	1	PC	11,3 X 2,2 - M14X1,5	MTN5221



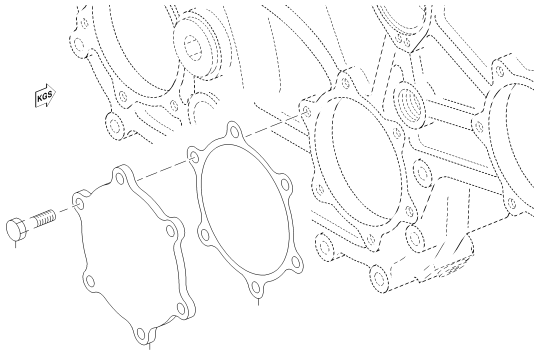
01801070

POS.	PART NO.	DESIGNATION	QTY.	UNITS	FN
50	X59301800036	IMPAKTOR CARRIER	1	PC	EM

GROUP NUMBER (FG)

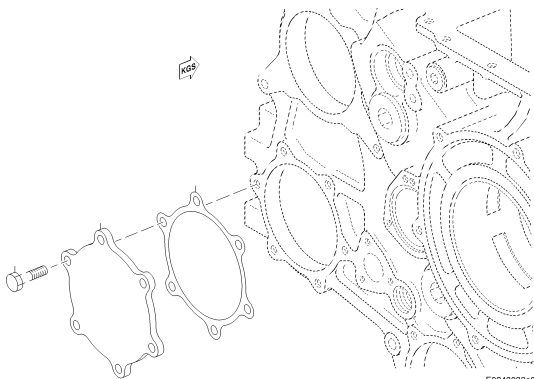
GROUP NAME

BOM-No.



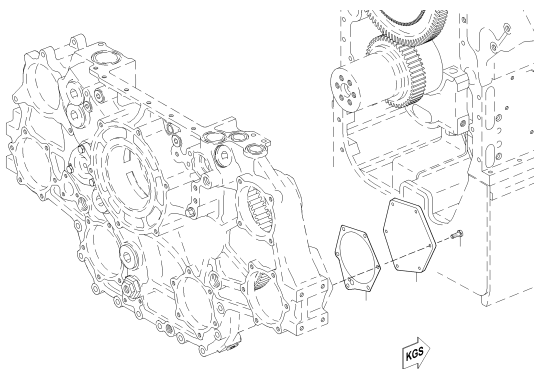
COVER
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E0243034a0



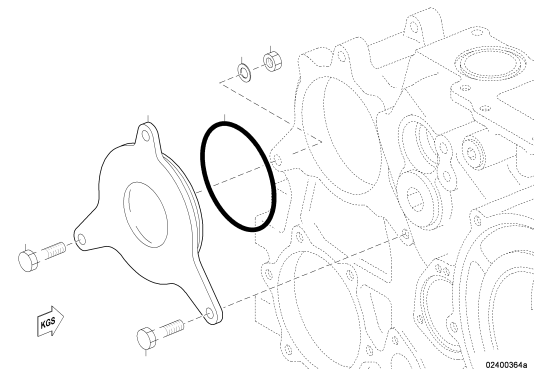
COVER FOR HYDRAULIC PUMP
020.00005

E0243033a0



COVER FOR DDC COMPRESSOR
020.00060

0240012a

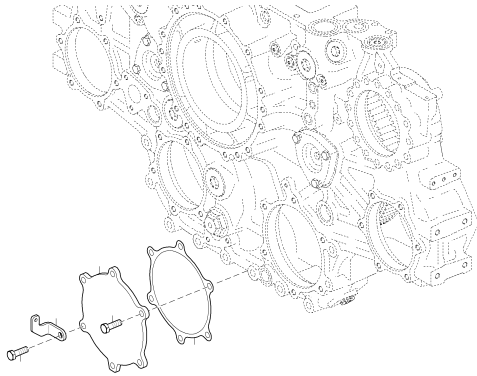


COVER RAW WATER PUMP DELT
020.00094

02400364a

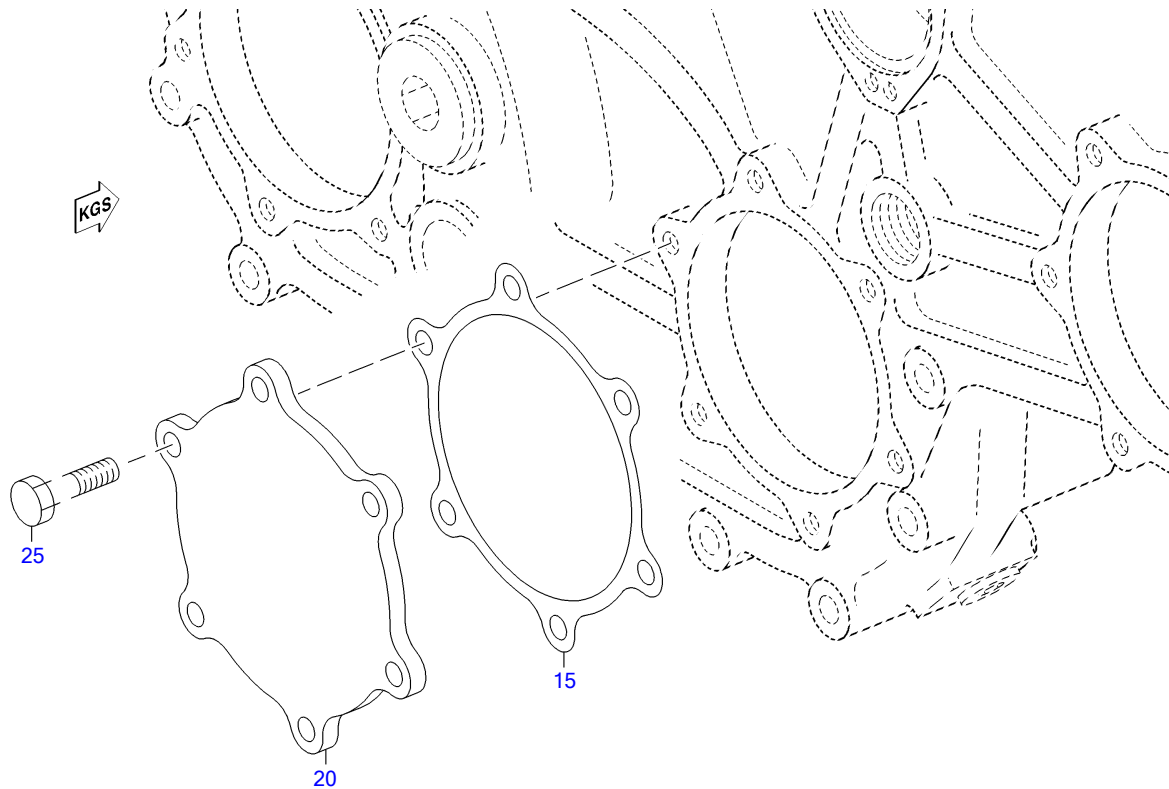
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XS593020.00010

GROUP NUMBER (FG)
GROUP NAME
BOM-No.



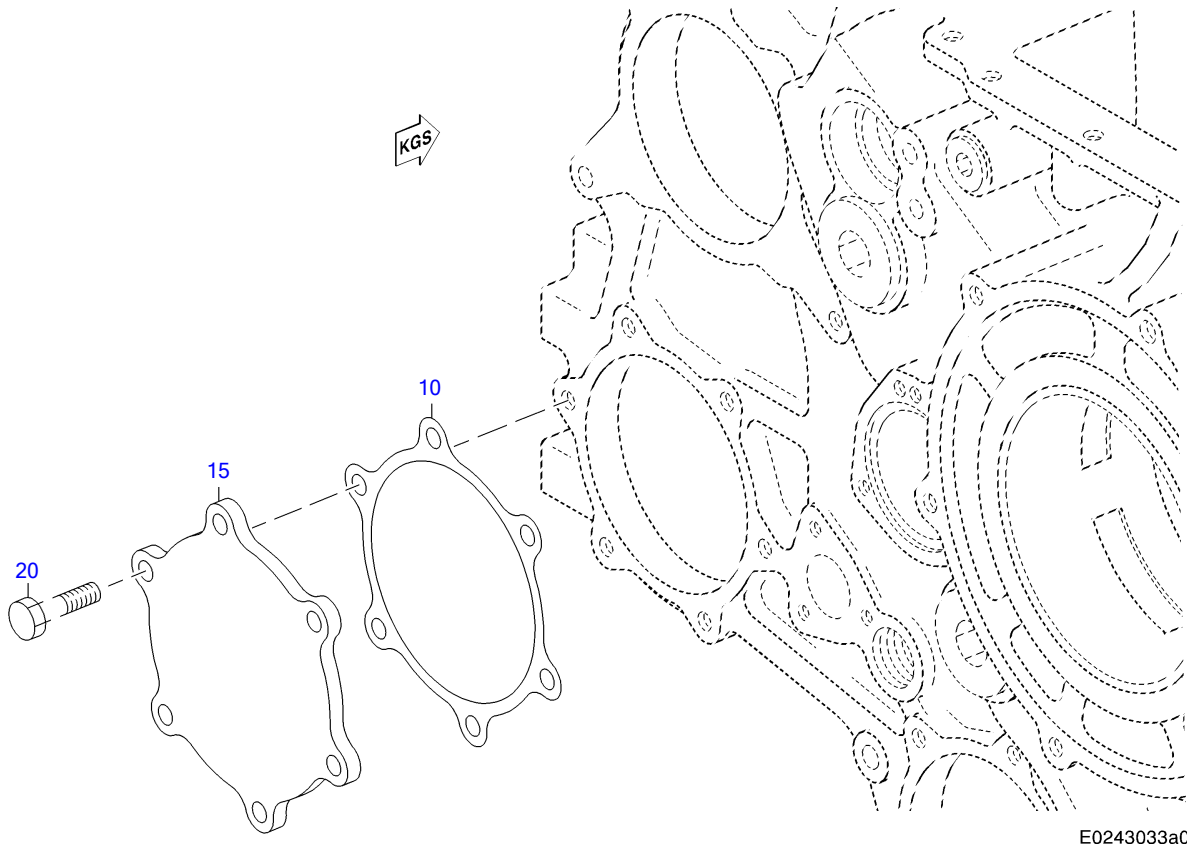
COVER
XS593020.00011

02400439



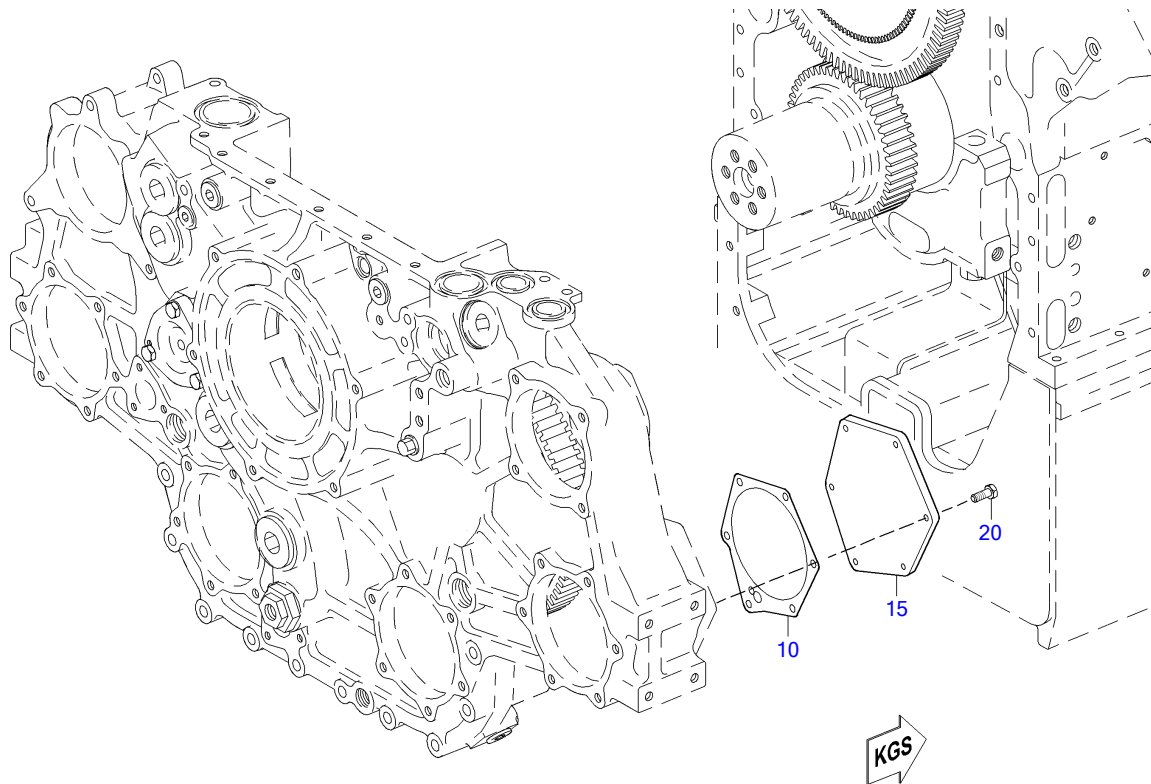
E0243034a0

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
15	5241880080	GASKET	1	PC		1X250X250	
20	5241880102	COVER	1	PC	1,788 KG		
25	00000003925	BOLT A3C	6	PC		M 12 X 30	ISO4017



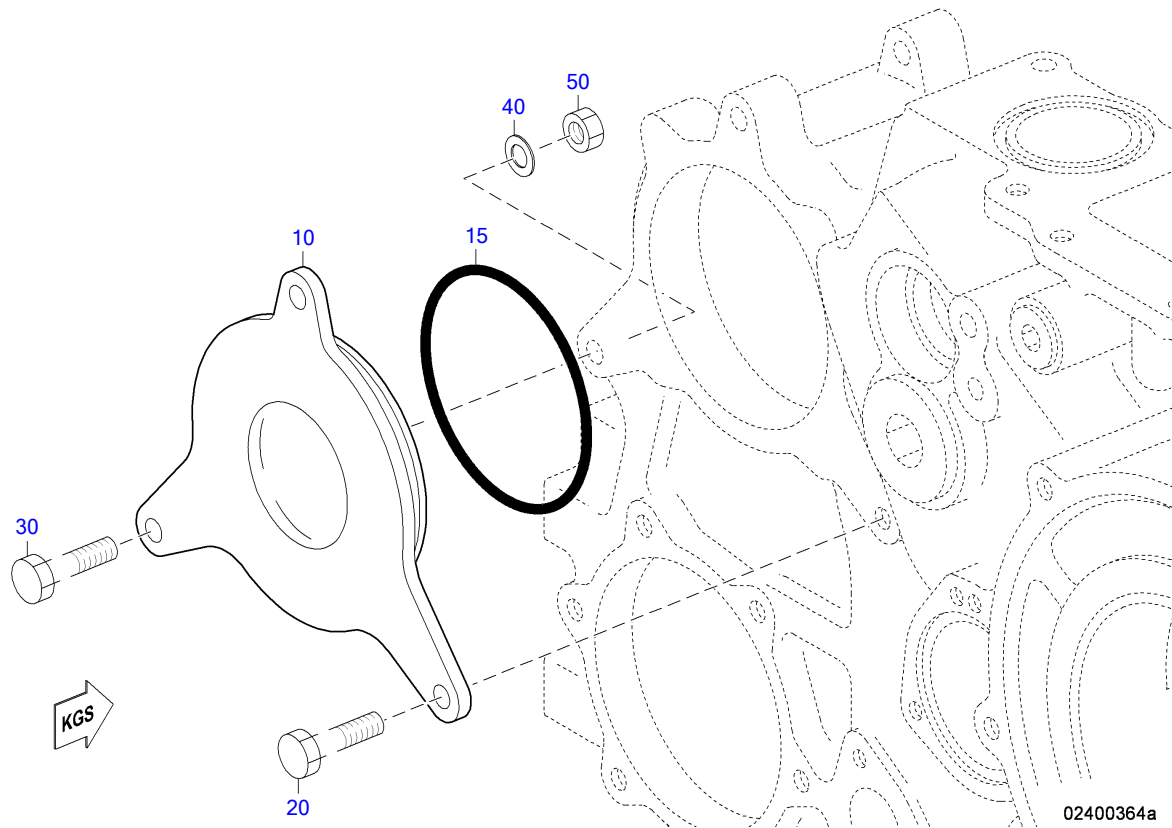
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POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	5241880080	GASKET	1	PC		1X250X250	
15	5241880102	COVER	1	PC	1,788 KG		
20	00000003925	BOLT A3C	6	PC		M 12 X 30	ISO4017



02400112a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	5360520080	GASKET	1	PC			
15	5241880502	COVER	1	PC			
20	00000003021	HEX SCREW	6	PC	23,700 G	M 10 X 25	ISO4017



POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	524SK0948	BEARING CAP	1	PC	3,965 KG			
15	700429135000	O-RING	1	PC	19,055 G		135 X 5	MMN429
20	000000003924	BOLT A3C	1	PC	32,400 G		M 12 X 25	ISO4017
30	000000003926	BOLT HEX A3C	2	PC	55,600 G		M 12 X 55	ISO4017
40	000125013012	WASHER	2	PC	5,320 G	MN	A 13	DIN125
50	000000004744	HEX NUT	2	PC	32 G		M 12	ISO4032

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
50	X59302400016/75	EQUIPMENT RACK PRIMED		1	PC				
70	000908018002	PLUG		1	PC	29,800 KG		M 18 X 1,5	DIN908
80	007603018101	COPPER SEALING RING		1	PC	1,300 G		A 18 X 22	DIN7603
100	5241880080	GASKET		1	PC			1X250X250	
120	5241880102	COVER		1	PC	1,788 KG			
130	000000003925	BOLT A3C		6	PC			M 12 X 30	ISO4017
170	700429083000	O-RING		2	PC			83 X 5	MMN429
180	200939012003	STUD		6	PC			M 12 X 30	DIN939
190	204014012008	HEX SCREW		2	PC	155 G		M 12 X170	ISO4014
200	200433013000	WASHER		6	PC			13	DIN433
210	204032012000	NUT HEX ZNPH R5F		6	PC			M 12	ISO4032
230	000000000904	BOLT HEX ZHPH R5F		2	PC	75 G		M 12 X 80	ISO4017
240	000908038000	THREAD PLUG		2	PC	150,800 KG		M 38 X 1,5	DIN908
250	007603038101	COPPER SEALING RING		2	PC	5,400 G		A 38 X 44	DIN7603
280	204017016000	BOLT ZNPH R5F HEX		2	PC	248.450 G		M 16 X160	ISO4017
300	007603014102	COPPER SEALING RING		4	PC	1 G		A 14 X 18	DIN7603
310	700223006000	BOLT BANJO A8 S2000/4000		2	PC	38,800 G		A 8	MMN223
320	5281800519	TUBE ASM OIL LINE	20V4000	1	PC	200 G	SB		
340	700325012100	CLAMP HALF TUBE 1/1 D9-12		2	PC	25 G		1/1 D 9 - 12	MMN325
350	700327008000	GROMMET		1	PC	2,300 G		8	MMN327
360	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017

EQUI TYPE: Engine

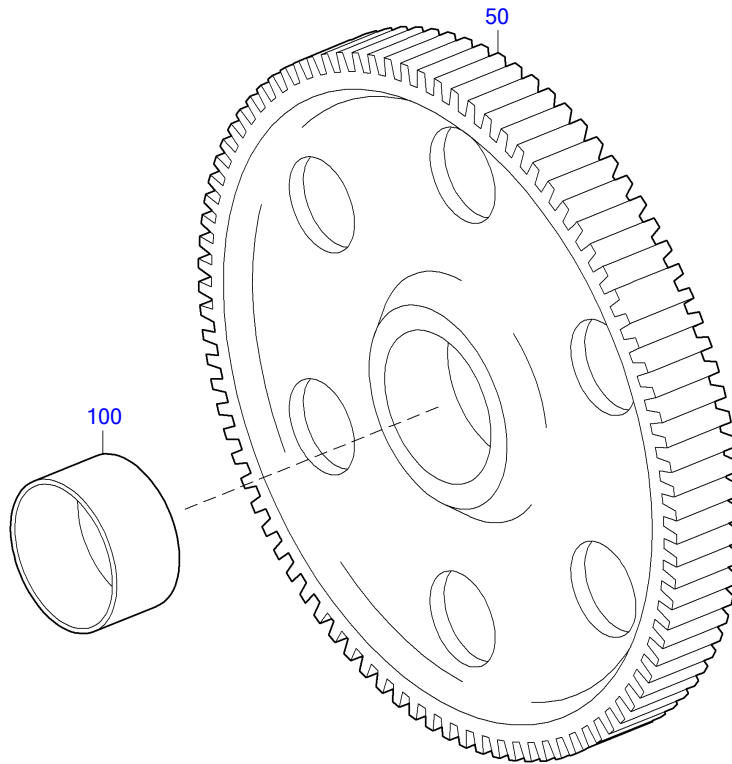
PRODUCT TYPE: 16V4000M23S
EQUIPMENT RACK PRIMED

SERIAL NUMBER: 527110279

FG/FGS:

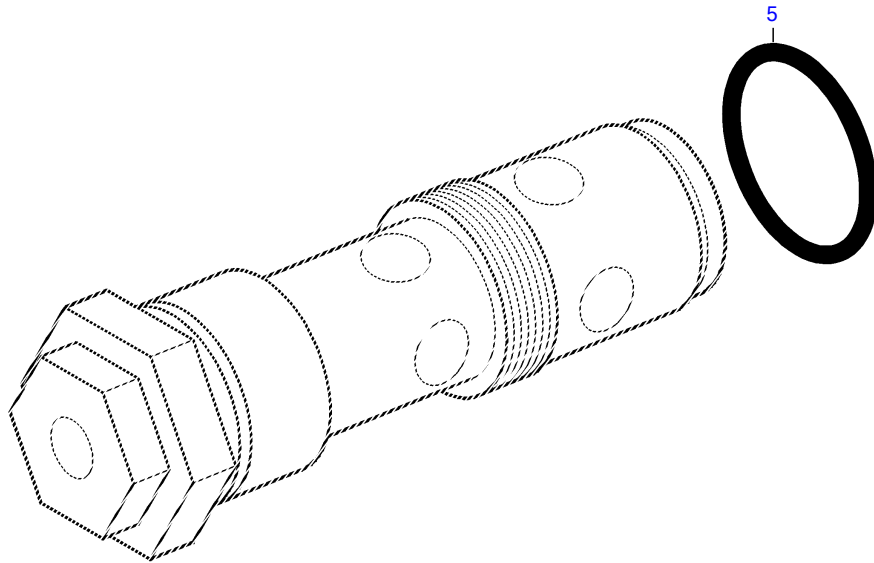
BOM-No.: X59302400016/75

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	X59302400011/75	EQUIPMENT RACK PRIMED	1	PC			
200	5240332630	CRANKSHAFT BEARING AUX PTO END	1	PC	2,500 KG		
250	X59305200001	IDLER GEAR	2	PC	19,300 KG		
300	X59302400005	AXLE	2	PC	4,694 KG		
350	700429024000	O-RING	2	PC	3,900 G	24 X 5	MMN429
400	700429083000	O-RING	2	PC		83 X 5	MMN429
450	304017010035	HEX BOLT	6	PC	32 G	M 10 X 45	ISO4017
500	5241800015	PRESSURE VALVE ASSY.	2	PC	392,900 G	2.5 BAR	
550	700429048000	O-RING	2	PC	4,650 G	48 X 4	MMN429
600	700429040000	O-RING	2	PC	2,350 G	40 X 3	MMN429
650	000472048000	RING SNAP	2	PC	5 G	48 X 1,75	DIN472
700	000908052003	THREAD PLUG	5	PC	308,500 KG	M 52 X 1,5	DIN908
750	007603052101	COPPER SEALING RING	5	PC	12,300 G	A 52 X 60	DIN7603
800	000908038000	THREAD PLUG	2	PC	150,800 KG	M 38 X 1,5	DIN908
850	007603038101	COPPER SEALING RING	2	PC	5,400 G	A 38 X 44	DIN7603
900	000908026005	THREAD PLUG	4	PC	69,900 KG	M 26 X 1,5	DIN908
950	007603026104	COPPER SEALING RING	4	PC	3,100 G	A 26 X 31	DIN7603
1000	735210014000	THREAD PLUG	3	PC	19,100 KG	M 14 X 1,5	MTN5210
1050	0001800015	PRESSURE REDUCING VALVE ASSY.	1	PC			
1100	000908014001	THREAD PLUG	1	PC	16,100 KG	M 14 X 1,5	DIN908
1150	007603014102	COPPER SEALING RING	1	PC	1 G	A 14 X 18	DIN7603



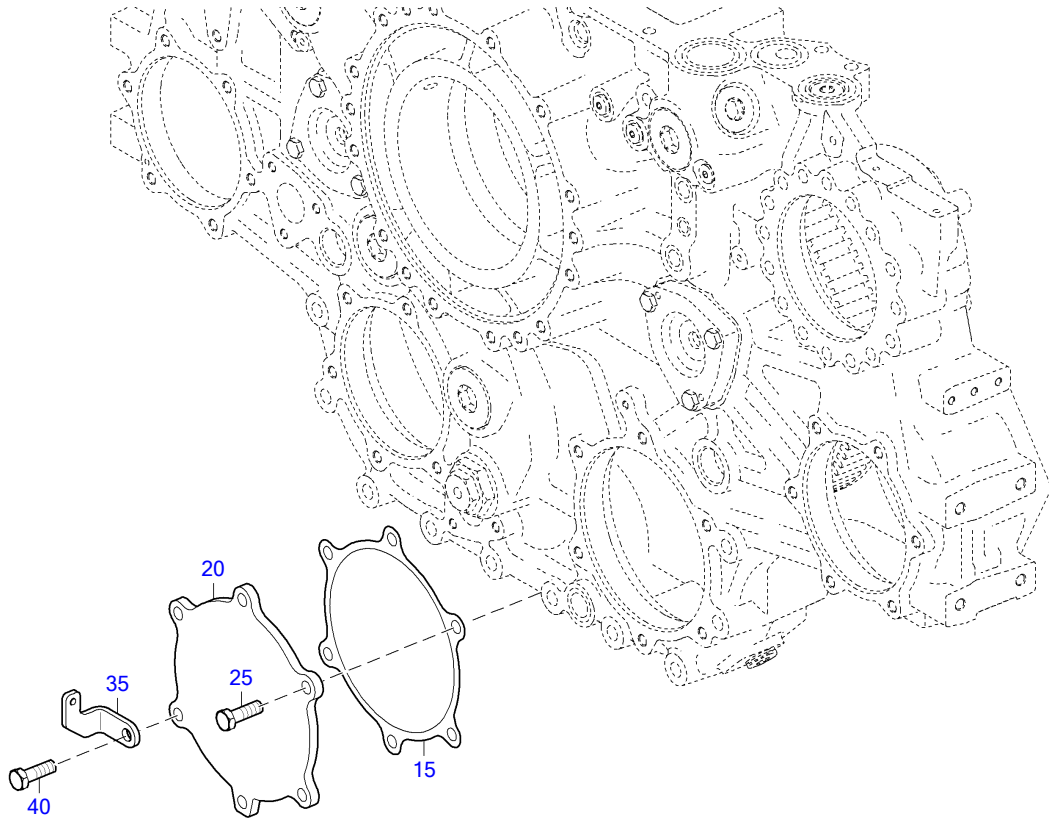
02400351b

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
50	X59305200003	IDLER GEAR	1	PC	
100	X59305200002	BUSHING	1	PC	266 G



024K0009a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
5	700429037000	O-RING	1	PC	3,380 G	37,7 X 3,53	MMN429



02400439

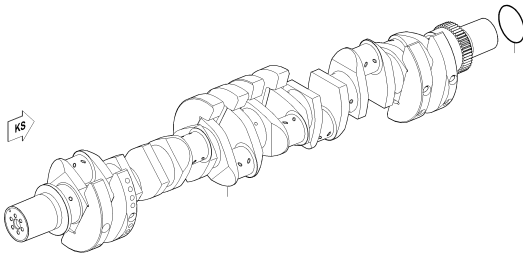
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
15	5281880080	GASKET		1	PC	12,360 G		
20	5281880102	COVER	20V4000	1	PC	3,025 KG		
25	00000003925	BOLT A3C		5	PC		M 12 X 30	ISO4017
35	X59399100108	RETAINER		1	PC	103 G		
40	00000003381	BOLT HEX A3C		1	PC	41 G	M 12 X 35	ISO4017

GROUP NUMBER (FG)

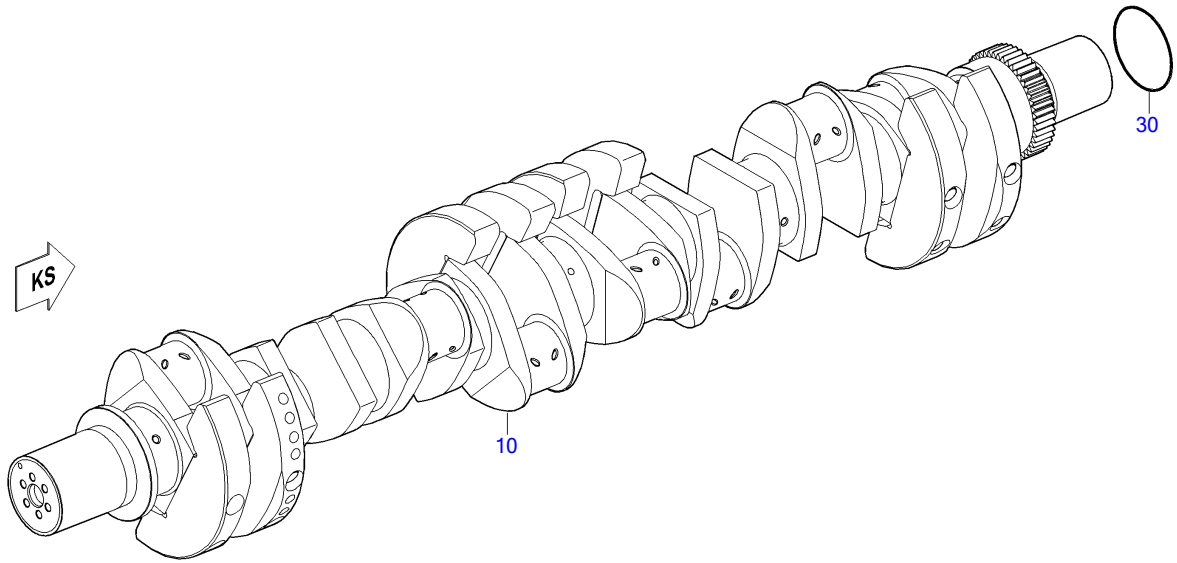
GROUP NAME

BOM-No.

CRANKSHAFT DNV ACCEPTANCE
XS527030.00024

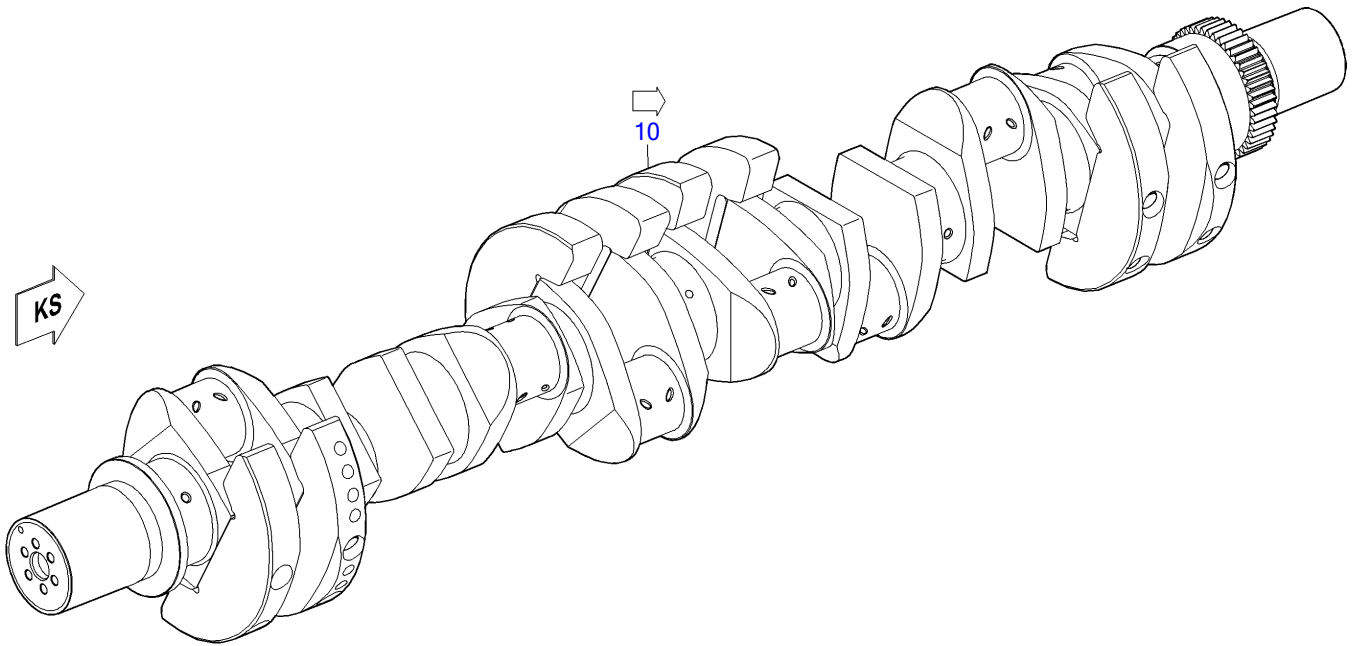


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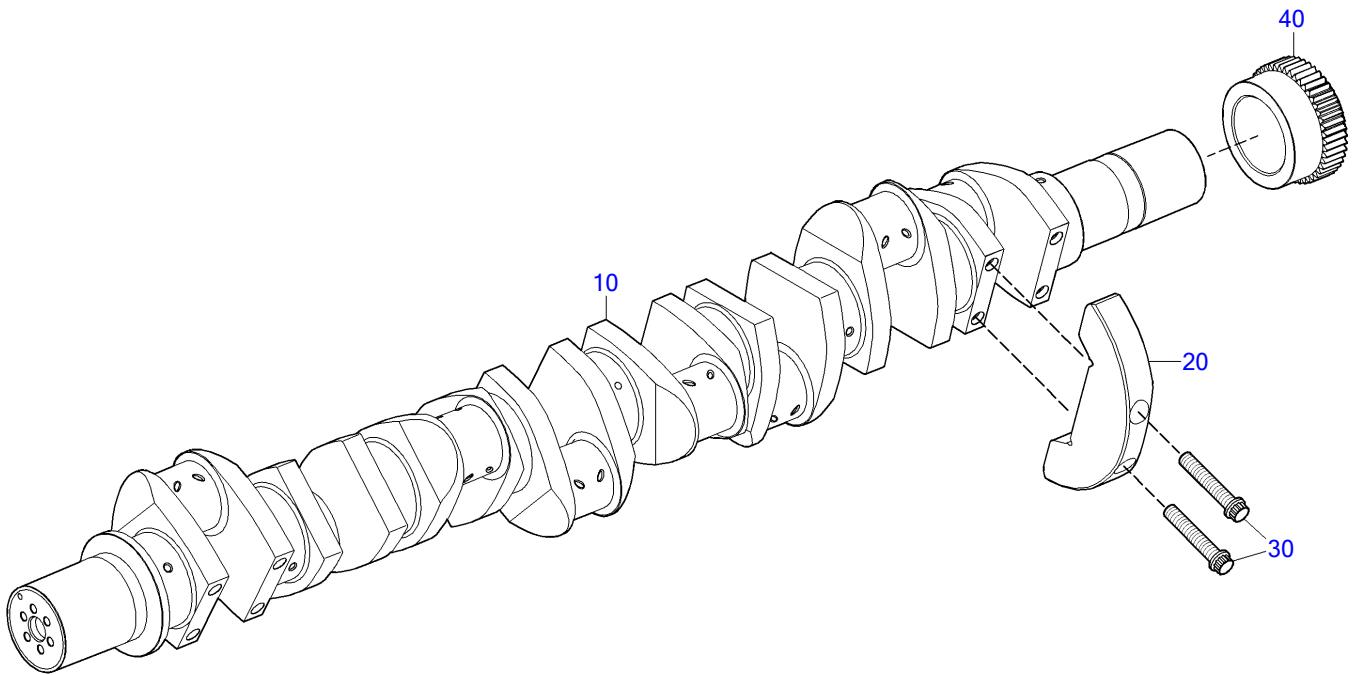
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POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	X52703100001/33	CRANKSHAFT DNV ACCEPTANCE	16V4000-03 LH	1	PC		EM		
30	700429150000	O-RING		1	PC	13,800 G		150 X 4	MMN429



03100395c

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	FN
10	X52703100001	CRANKSHAFT	16V4000-03 LH	1	PC	EM



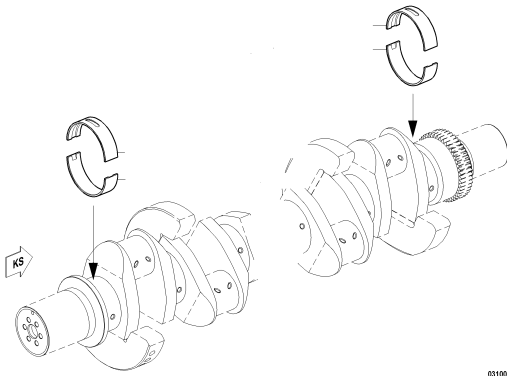
03100396c

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	STANDARD
10	X52703100002	CRANKSHAFT	16V4000-03 LH	1	PC		EM	
20	5240310507	COUNTERWEIGHT		8	PC	16,500 KG		
30	5240310171	BOLT 12 PT HD		16	PC	557 G		
40	5240520503	GEAR CRANKSHAFT		1	PC	12,100 KG	EM	MMN396.2

GROUP NUMBER (FG)

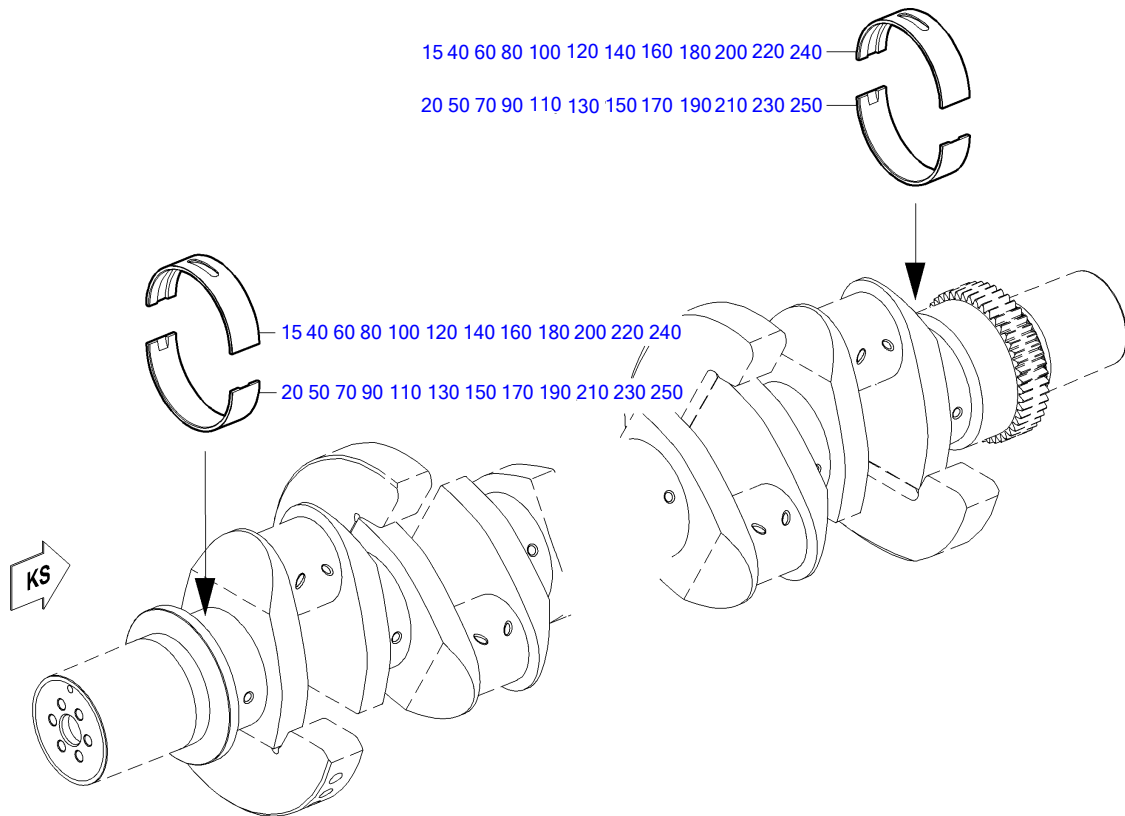
GROUP NAME

BOM-No.



MAIN BEARING
X00011303

0310030a



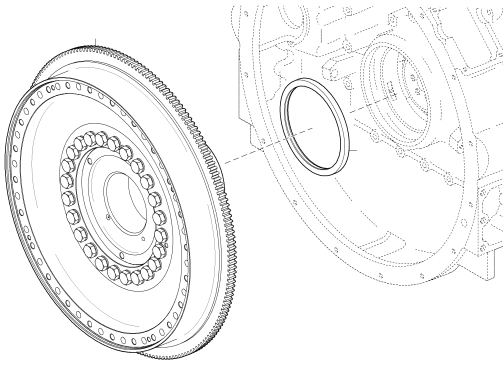
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POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN
15	5240336101	CRANKSHAFT BEARING UPPER HALF	9	PC	375 G	
20	5240336602	CRANKSHAFT BEARING LOWER HALF	9	PC	375 G	
40	5240336201	CRANKSHAFT BEARING SIZE 0-1	1	PC	44 G	M
50	5240336702	CRANKSHAFT BEARING SIZE 0-1	1	PC	600 G	M
60	5240336301	CRANKSHAFT BEARING SIZE 0-2	1	PC	477 G	M
70	5240336802	CRANKSHAFT BEARING SIZE 0-2	1	PC	627 G	M
80	5240336401	CRANKSHAFT BEARING SIZE 0-3	1	PC	482 G	M
90	5240336902	CRANKSHAFT BEARING SIZE 0-3	1	PC	647 G	M
100	5240336501	CRANKSHAFT BEARING SIZE 1-0	1	PC	450 G	M
110	5240337002	CRANKSHAFT BEARING SIZE 1-0	1	PC	54 G	M
120	5240336601	CRANKSHAFT BEARING SIZE 1-1	1	PC	457,500 G	M
130	5240337102	CRANKSHAFT BEARING SIZE 1-1	1	PC	620 G	M
140	5240336701	CRANKSHAFT BEARING SIZE 1-2	1	PC	480 G	M
150	5240337202	CRANKSHAFT BEARING SIZE 1-2	1	PC	1 KG	M
160	5240336801	CRANKSHAFT BEARING SIZE 1-3	1	PC	1 KG	M
170	5240337302	CRANKSHAFT BEARING SIZE 1-3	1	PC	720 G	M
180	5240336901	CRANKSHAFT BEARING SIZE 2-0	1	PC	470 G	M
190	5240337402	CRANKSHAFT BEARING SIZE 2-0	1	PC	620 G	M
200	5240337001	CRANKSHAFT BEARING SIZE 2-1	1	PC	470 G	M
210	5240337502	CRANKSHAFT BEARING SIZE 2-1	1	PC	640 G	M
220	5240337101	CRANKSHAFT BEARING SIZE 2-2	1	PC	580 G	M
230	5240337602	CRANKSHAFT BEARING SIZE 2-2	1	PC	675 G	M
240	5240337201	CRANKSHAFT BEARING SIZE 2-3	1	PC	840 G	M
250	5240337702	CRANKSHAFT BEARING SIZE 2-3	1	PC	685 G	M

GROUP NUMBER (FG)

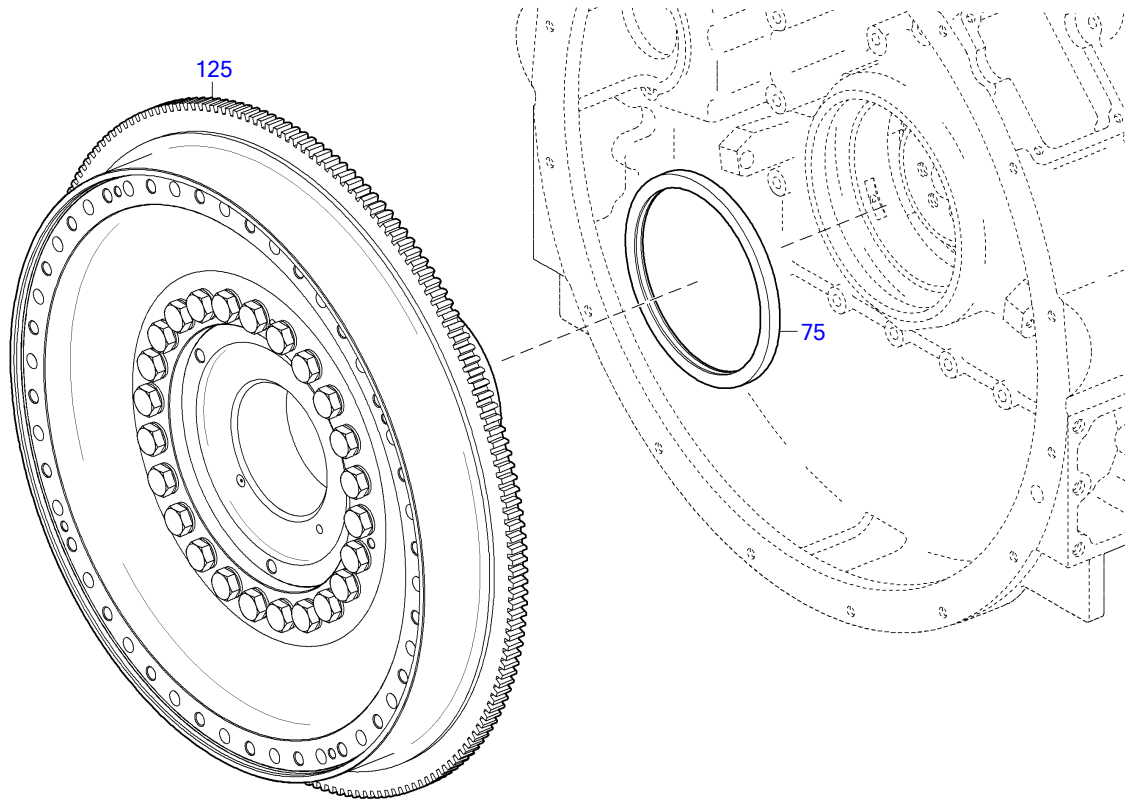
GROUP NAME

BOM-No.



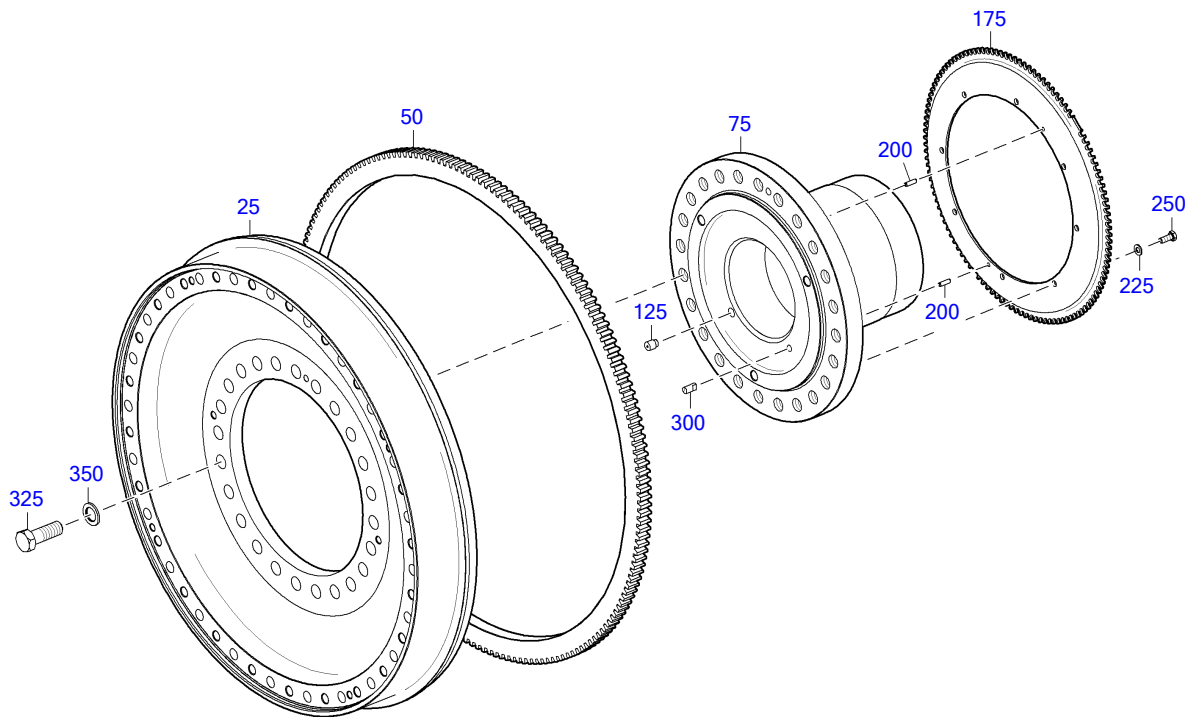
FLYWHEEL TWO-PIECE
XS594030.00069

03200252d



03200252d

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT
75	0219976647	SEAL RING CRANKSHAFT REAR	PTEF-MANSCHETTE	1	PC		DM 210
125	X59403200003/42	FLYWHEEL W/ACCEPT CERTIFICAT		1	PC	154,200 KG	



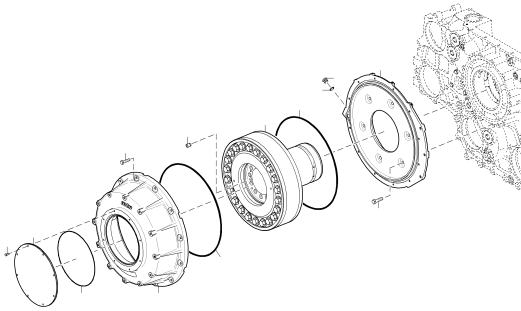
03200397

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
25	X00041899/41	FLYWHEEL W/ACCEPT CERTIFICAT	1	PC				
50	5240320705	RING GEAR	1	PC	12,550 KG			
75	X52603200006/42	PTO FLANGE W/ACCEPT CERTIFICAT	1	PC				
125	5769970219	PLUG HEX SOC HD G1/4 17.5 X 11 42CRM04	1	PC	12,100 G			
175	5240311148	WHEEL MDEC TRS METERING CRANKSHAFT	1	PC	2,220 KG	EM		
200	001481006004	PIN SPRING	2	PC	2,520 G		6 X 20 - N	ISO8752
225	000125008427	WASHER	8	PC	1,500 G		A 8,4	DIN125
250	304017008079	BOLT HEX	8	PC	12,370 G		M 8 X 20	ISO4017
300	8809970210	DOWEL PIN	1	PC	11,630 G			
325	000000003976	HEX SCREW	24	PC	185 G		M 20 X 55	ISO4017
350	200433021000	WASHER	24	PC	12,400 G		21	DIN433

GROUP NUMBER (FG)

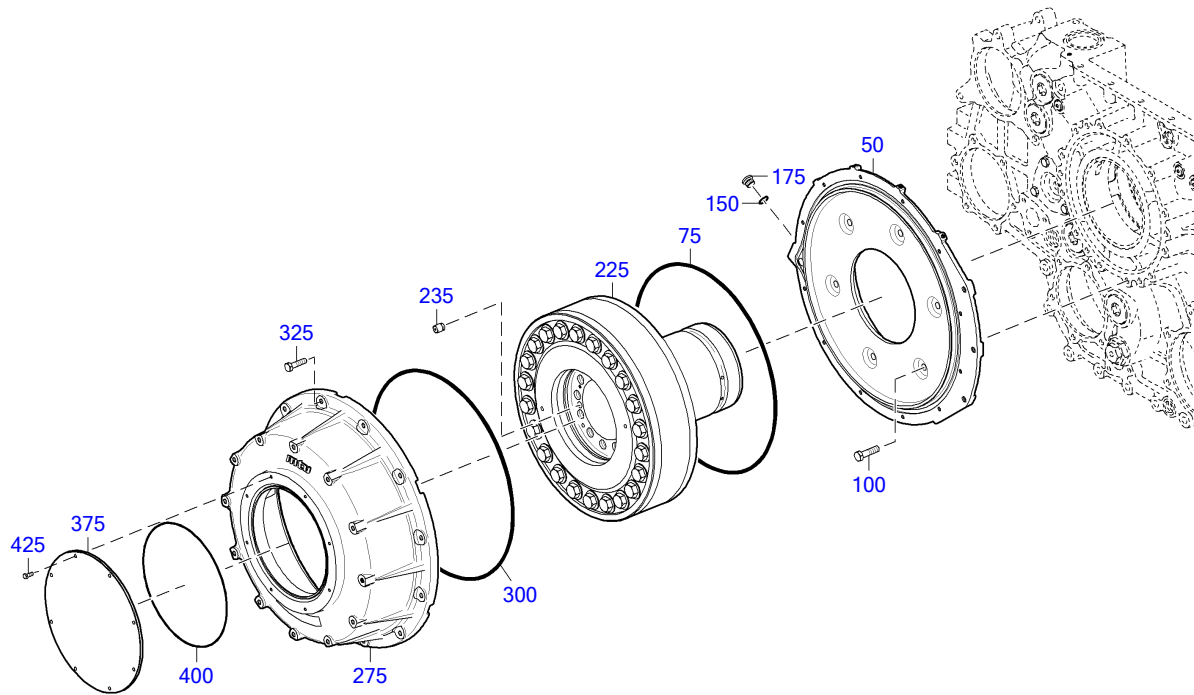
GROUP NAME

BOM-No.



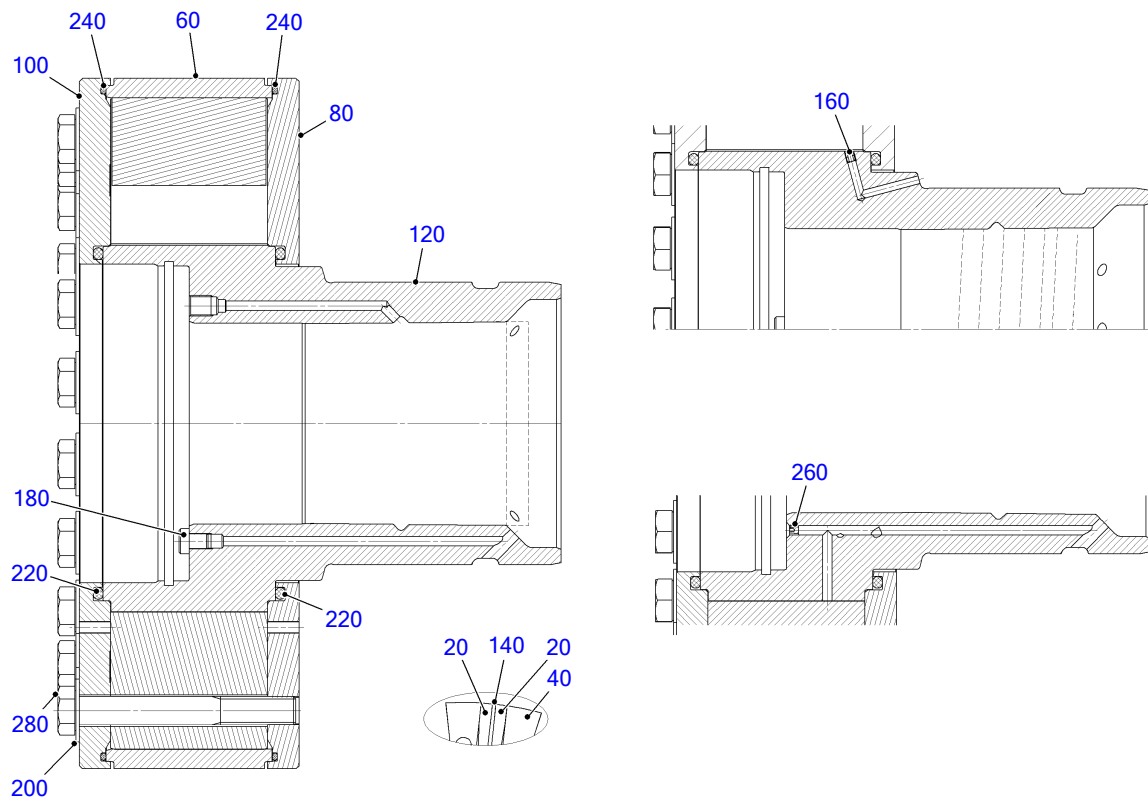
VIBRATION DAMPER WITHOUT AUX. PTO
XS595030.00030

03500028



03500628

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	X59499100480	FLANGE F.VIB.DAMPER HOUSIN		1	PC	20,100 KG		
75	700429290000	O-RING		1	PC	26 G	290 X 4	MMN429
100	304017012018	BOLT HEX		6	PC	52 G	M 12 X 50	ISO4017
150	007603020103	WASHER A COP		1	PC	2,430 G	A 20 X 26	DIN7603
175	000908020000	PLUG		1	PC	39 KG	M 20 X 1,5	DIN908
225	X59403500006	VIBRATION DAMPER	D44/8/2	1	PC	148 KG		
227	EX59403500006	VIBRATION DAMPER		1	PC	148 KG		
235	5769970219	PLUG HEX SOC HD G1/4 17.5 X 11 42CRM04		1	PC	12,100 G		
275	X52703500001	DAMPER VIBRATION HSG G73		1	PC	36,780 KG		
300	700429480000	O-RING		1	PC	68 G	480 X 5	MMN429
325	304017008085	BOLT HEX		12	PC	18 G	M 8 X 40	ISO4017
375	X00041483	COVER F.VIB.DAMPER HOUSIN		1	PC	3,192 KG		
400	700429260001	O-RING		1	PC	13,040 G	260 X 3	MMN429
425	000000003387	BOLT HEX		8	PC	5 G	M 6 X 16	ISO4017



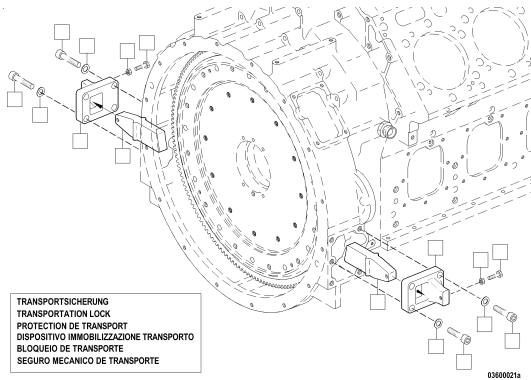
03500561

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
20	XP52725100089	SPRING LEAF	44	PC				
40	XP52725100090	INTERMEDIATE MEMBER	22	PC				
60	XP52725100091	CLAMPING RING	1	PC				
80	XP52825100033	FLANGE	1	PC		AC		
100	XP52725100092	SIDE PLATE	1	PC				
120	XP52725100093	INNER STAR	1	PC				
140	XP52725100094	SHIM	22	PC				
160	XP52725100095	OIL NOZZLE	4	PC			M6- D 3.0	
180	Z=VSTI M-ED	NIPPLE	1	PC		AC	M 10 X 1	
200	Z=40X19X2	DISC WASHER (VULKAN)	22	PC	14,700 G			
220	X00035257	O-RING	2	PC	5 G		7 X 208	
240	700429420000	O-RING	2	PC	37 G		420 X 4	MMN429
260	XP52203500025	PLUG	4	PC			DICHTSTOPFEN 6	
280	XP52725100096	HEX SCREW	22	PC			M 18 X 140	ENISO4014

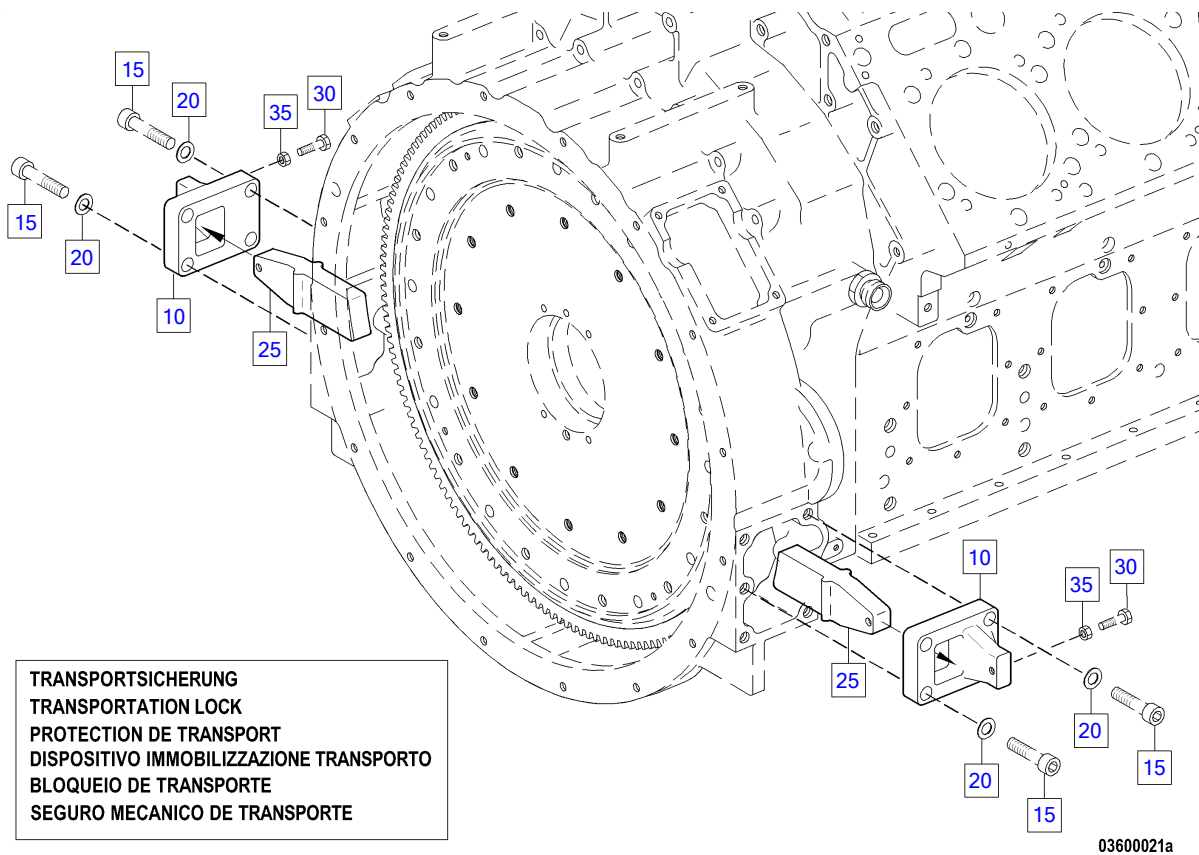
GROUP NUMBER (FG)

GROUP NAME

BOM-No.



TRANSPORTATION LOCK
030.00160

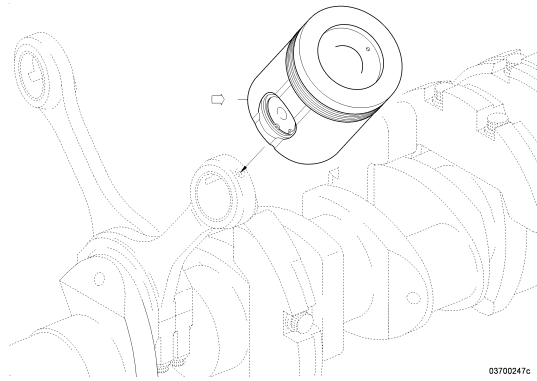


POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	5242370435	PLATE	8/12/16V4000	2	PC	3,258 KG		
15	000912016045	BOLT HEX SOC HD		8	PC	116 G	M 16 X 55	DIN912
20	000125017014	WASHER		8	PC	10 G	A 17	DIN125
25	5242370940	RETAINER	8/12/16V40000	2	PC	2,690 KG		
30	000933010144	BOLT HEX		2	PC	40,800 G	M 10 X 60	DIN933
35	000934010007	NUT HEX		2	PC	10,300 G	M 10	DIN934

GROUP NUMBER (FG)

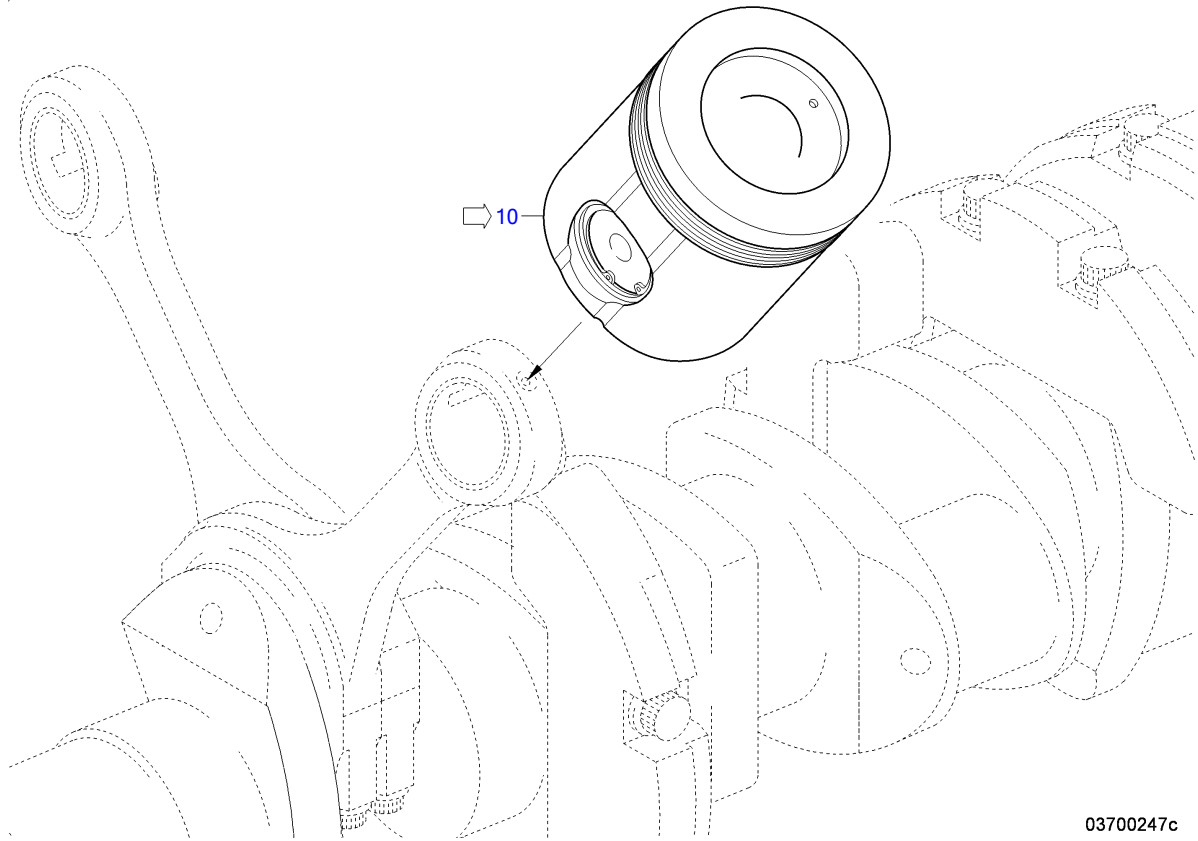
GROUP NAME

BOM-No.



PISTON
XS527030.00036

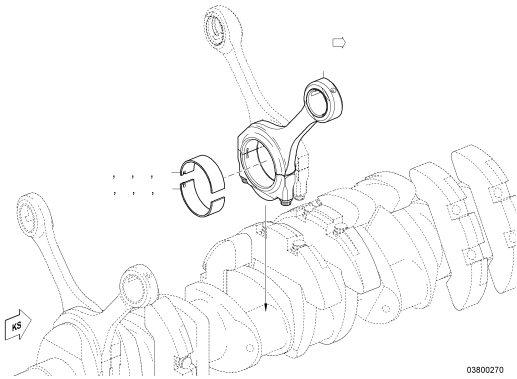
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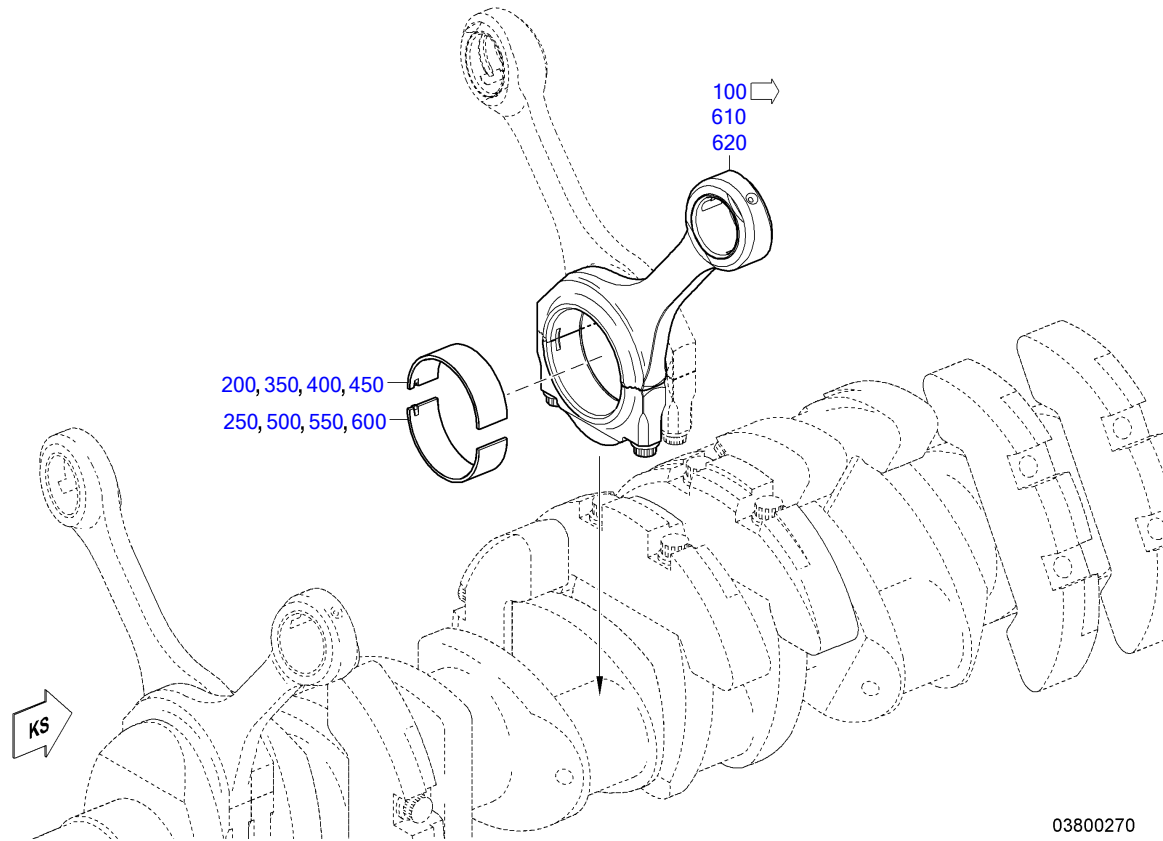
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POS.	PART NO.	DESIGNATION	QTY.	UNITS	FN
10	X59303700183	PISTON	16	PC	EM

GROUP NUMBER (FG)
GROUP NAME
BOM-No.

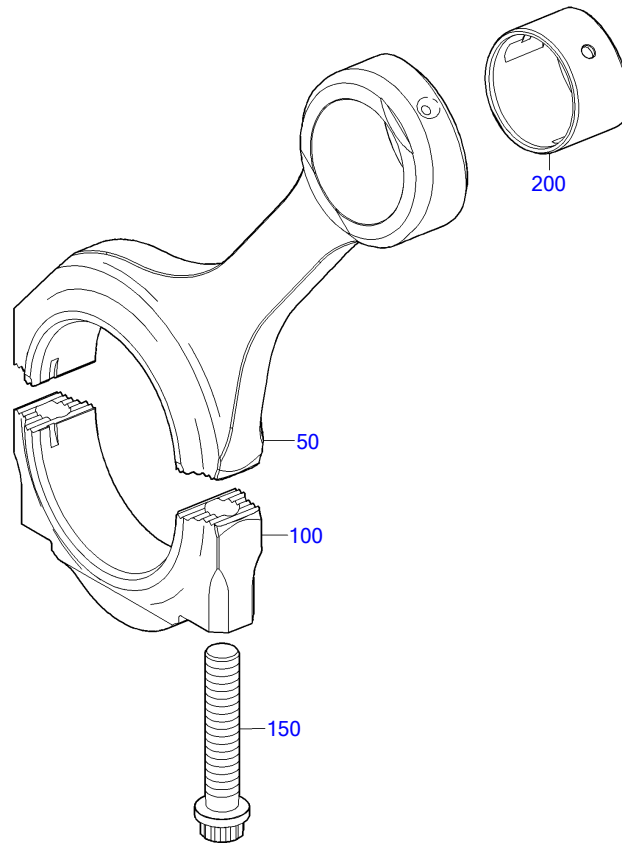


CONROD FOR 16V
XS527030.00001



03800270

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN
100	X52603800010/42	CONROD ASM	BR4000 LANGHUB	16	PC		EM
200	5240384110	CONROD BEARING UPPER HALF		16	PC	260 G	
250	X00043218	CONROD BEARING SIZE 0-0	UNTERE HAELFTE	16	PC	280 G	
350	5240384210	CONROD BEARING SIZE 0-1		1	PC	320 G	M
400	5240384310	CONROD BEARING SIZE 0-2	OBERE HAELFTE	1	PC	292 G	M
450	5240384410	CONROD BEARING SIZE 0-3		1	PC	362 G	M
500	X00043219	CONROD BEARING SIZE 0-1	UNTERE HAELFTE	1	PC	320 G	M
550	X00043220	CONROD BEARING SIZE 0-2	UNTERE HAELFTE	1	PC	322 G	M
600	X00043221	CONROD BEARING SIZE 0-3	UNTERE HAELFTE	1	PC	340 G	M
610	RX00040057/42	CONROD ASM		1	PC		MN EM
620	RX52603800010/42	CONROD ASM		1	PC		MN EM



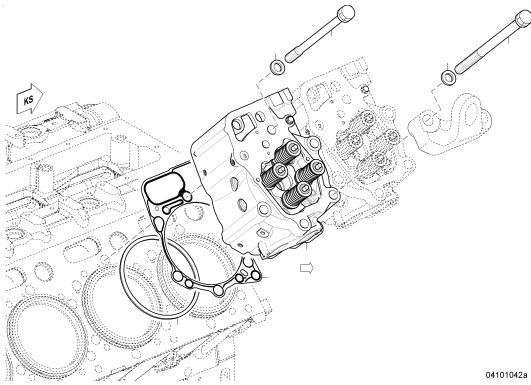
03800045c

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN
50	X52603800011/42	CONROD	1	PC		EM
100	X52603800012	CONROD CAP	1	PC		M
150	5240380471	BOLT M20 1.50 X 103.0 LG 18 CONROD	2	PC	313 G	
200	5240382550	BUSHING CON ROD 75.00	1	PC	317 G	M

GROUP NUMBER (FG)

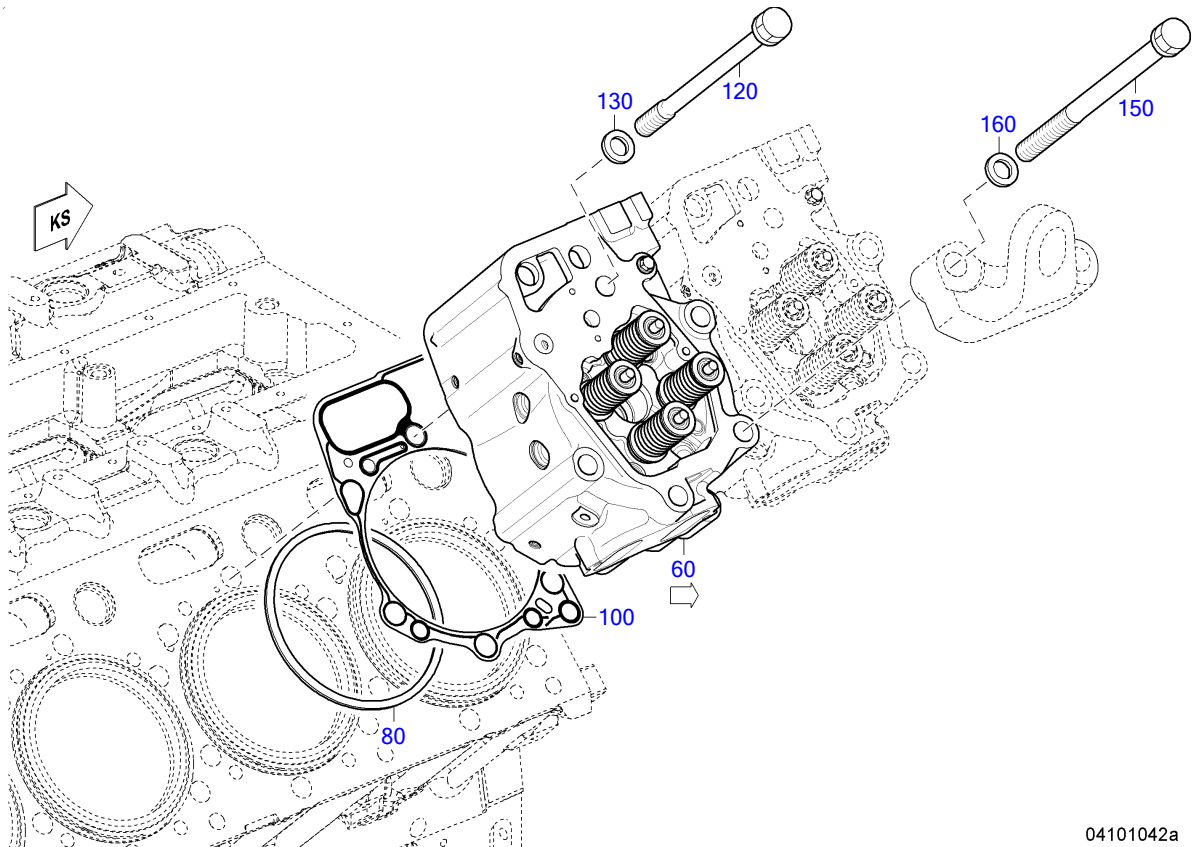
GROUP NAME

BOM-No.



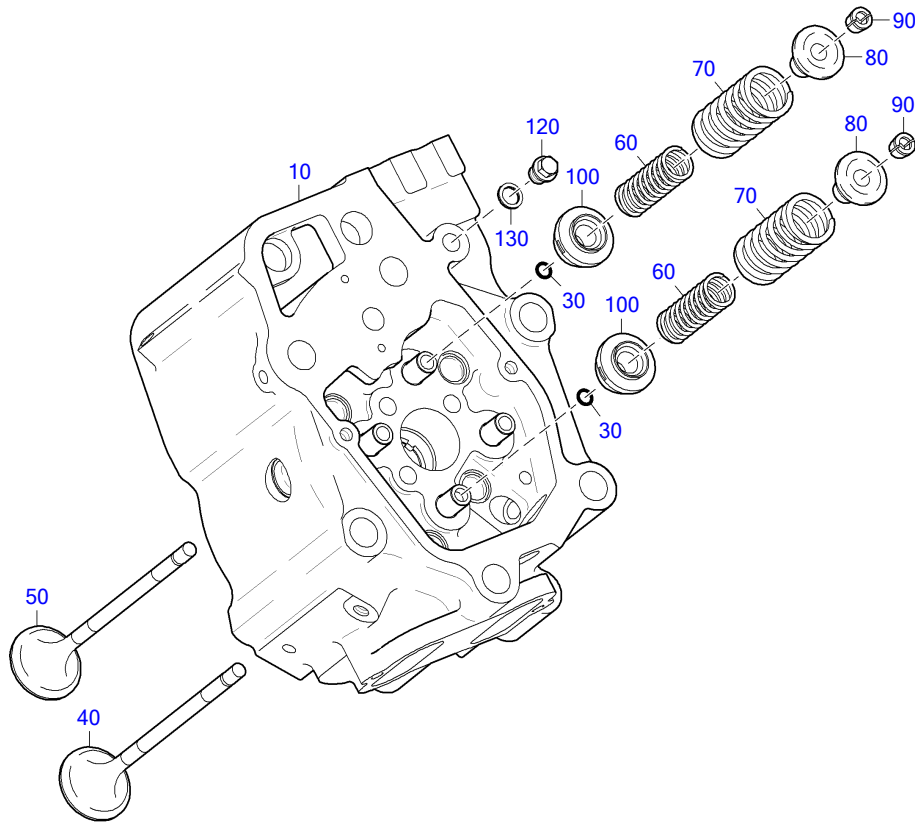
CYLINDER HEAD FOR 16V
XS595040.00012

04101042a



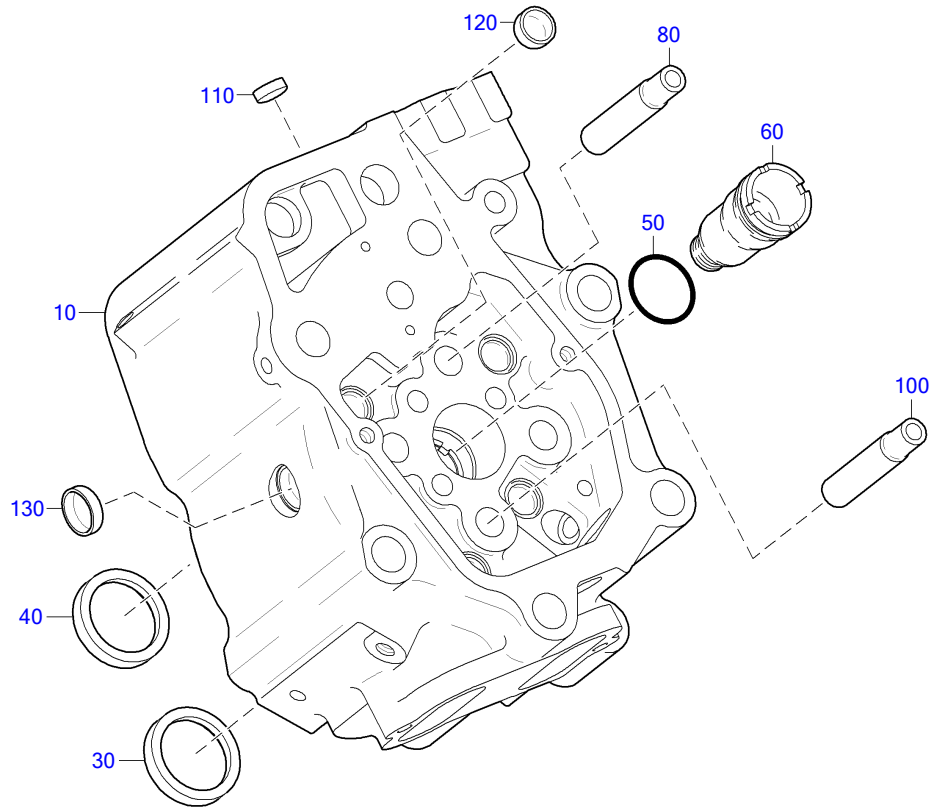
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POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
60	X52404100209	CYL.HEAD WITH VALVES	BR4000 MX03/PX03	16	PC	53,300 KG	EM	MIT LECKAGEBOHRUNG
80	5240160319	SEALING RING SIZE 0		16	PC		EM	
100	X52404200043	GASKET FOR CYLINDER HEAD		16	PC			
120	X52404200005	SCREW		84	PC	0,855 KG		
130	5240110062	WASHER THRUST		84	PC	26 G		
150	5240160069	BOLT HEX CYL HD		12	PC	1,100 KG		M22X2X333
160	5240110062	WASHER THRUST		12	PC	26 G		



04101134

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	X52404100208	CYLINDER HEAD W/VALVE GUIDES		1	PC		EM		
30	700429010004	O-RING		2	PC	0,100 G		10,78X 1,82	MMN429
40	X00042197	INLET VALVE		2	PC	340 G	EM		
50	5240530805	EXHAUST VALVE		2	PC	420 G	EM		
60	5240530122	VALVE SPRING INNER	4000	4	PC				
70	5240530120	VALVE SPRING OUTER	4000	4	PC				
80	5240530125	RETAINER VALVE SPRING		4	PC	0,034 KG			
90	0000530926	VALVE KEEPER WEDGE		8	PC	1,560 G			
100	0000534335	VALVE ROTATOR		4	PC	112 G			
120	000910014004	PLUG		1	PC	25 KG		M 14 X 1,5	DIN910
130	007603014102	COPPER SEALING RING		1	PC	1 G		A 14 X 18	DIN7603



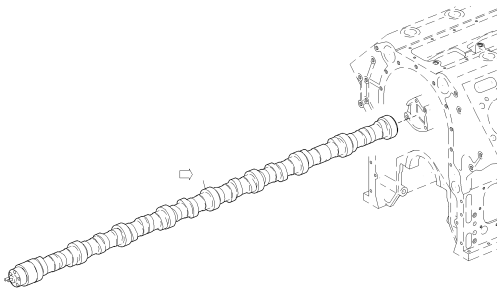
04101141

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	X52404100207	CYLINDER HEAD (ONLY MACHINED)	1	PC		EM		
30	X52404100027	VALVE SEAT INSERT INLET	2	PC	48,100 G	EM	D 58U6	
40	5240530032	VALVE SEAT INSERT EXHAUST	2	PC	33 G	EM	D 57U6	
50	735252039000	O-RING	1	PC	1,800 G		39,2 X 3	MTN5252
60	5240160153	TUBE INJECTOR	1	PC	190 G			
80		VALVE GUIDE	2	PC		EM	D 19.3R6 / D10.6+0.05	
100	5240530530	VALVE GUIDE INSERT	2	PC	0,134 KG	EM	D 19R6 / D10.6+0.05	
110	5550160633	SEALING CAP	1	PC	7,290 G		D 20	
120	5800160033	SEALING CAP	4	PC	11 G		D 24	
130	5240160233	SEALING CAP	5	PC			D 30	

GROUP NUMBER (FG)

GROUP NAME

BOM-No.



CAMSHAFT FOR 16V
XS527050.00001

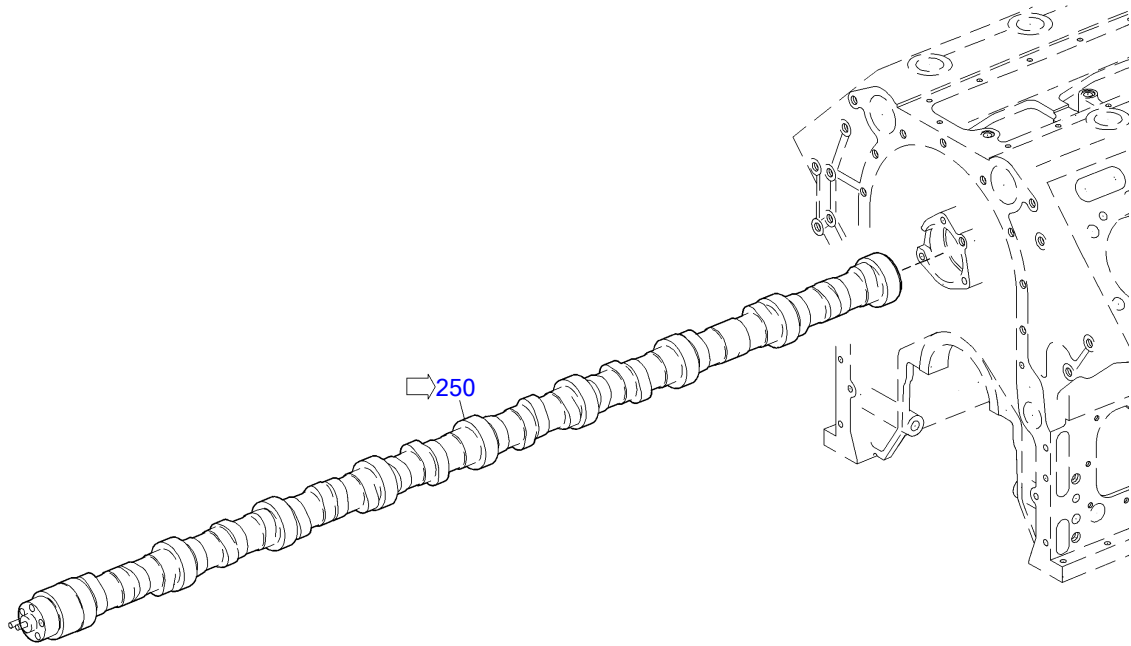
0510021b

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CAMSHAFT FOR 16V

SERIAL NUMBER: 527110279

FG/FGS: 051 05
BOM-No.: XS527050.00001



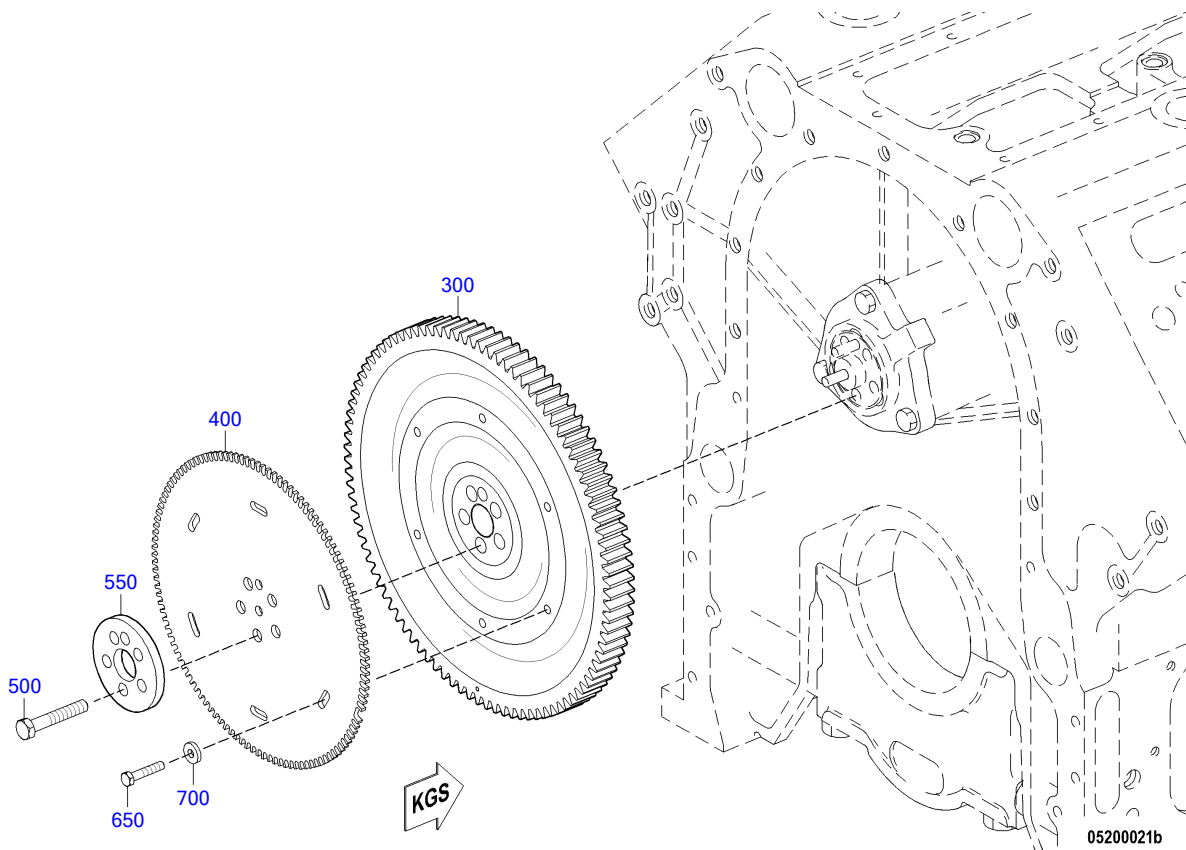
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EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CAMSHAFT FOR 16V

SERIAL NUMBER: 527110279

FG/FGS: 051 05
BOM-No.: XS527050.00001



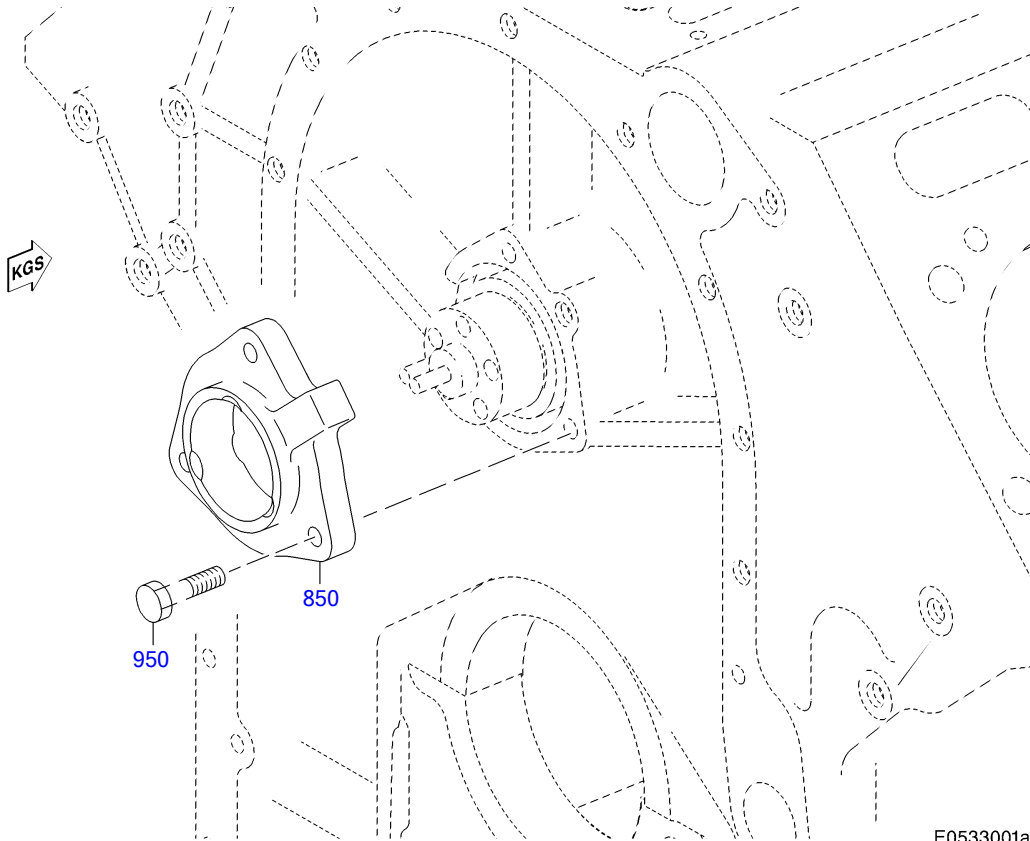
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EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CAMSHAFT FOR 16V

SERIAL NUMBER: 527110279

FG/FGS: 051 05
BOM-No.: XS527050.00001



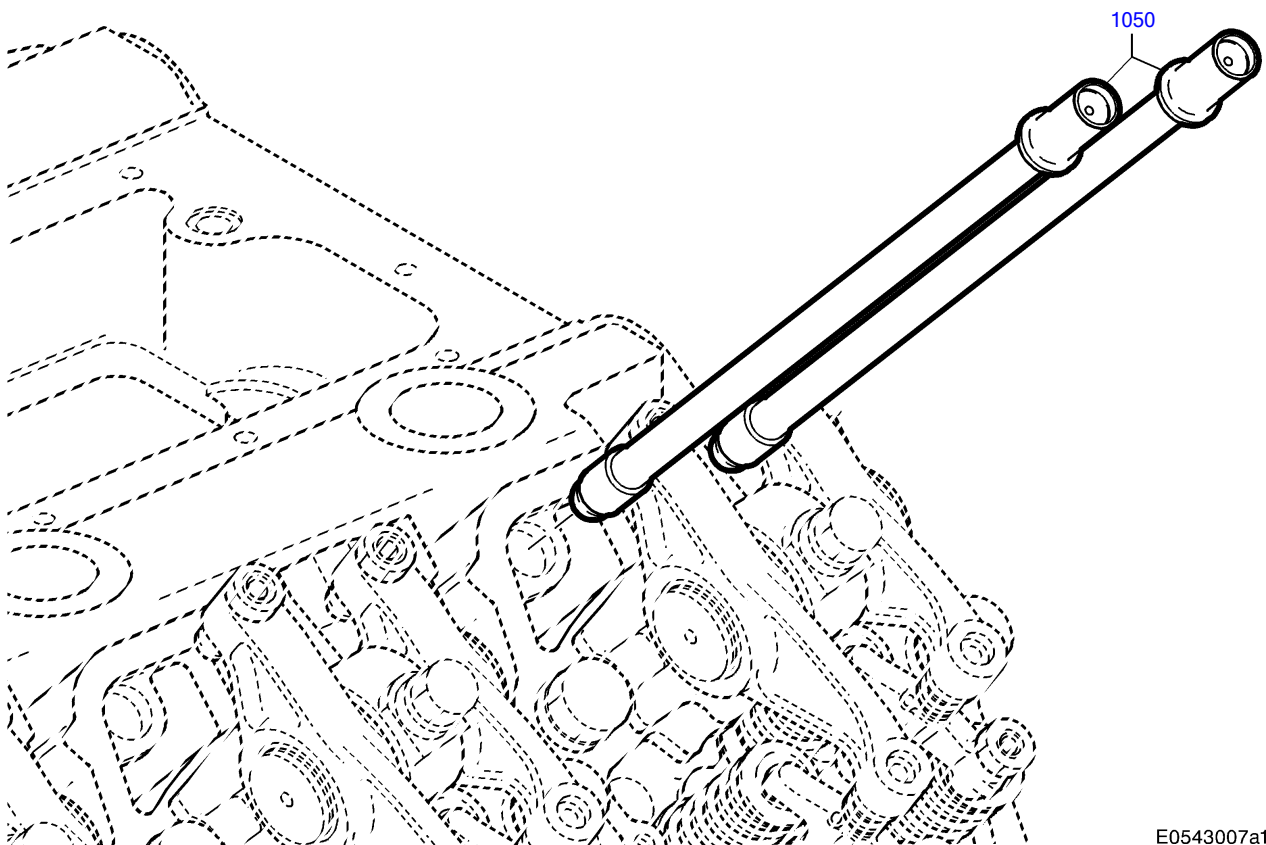
E0533001a1

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CAMSHAFT FOR 16V

SERIAL NUMBER: 527110279

FG/FGS: 051 05
BOM-No.: XS527050.00001



E0543007a1

EQUI TYPE: Engine

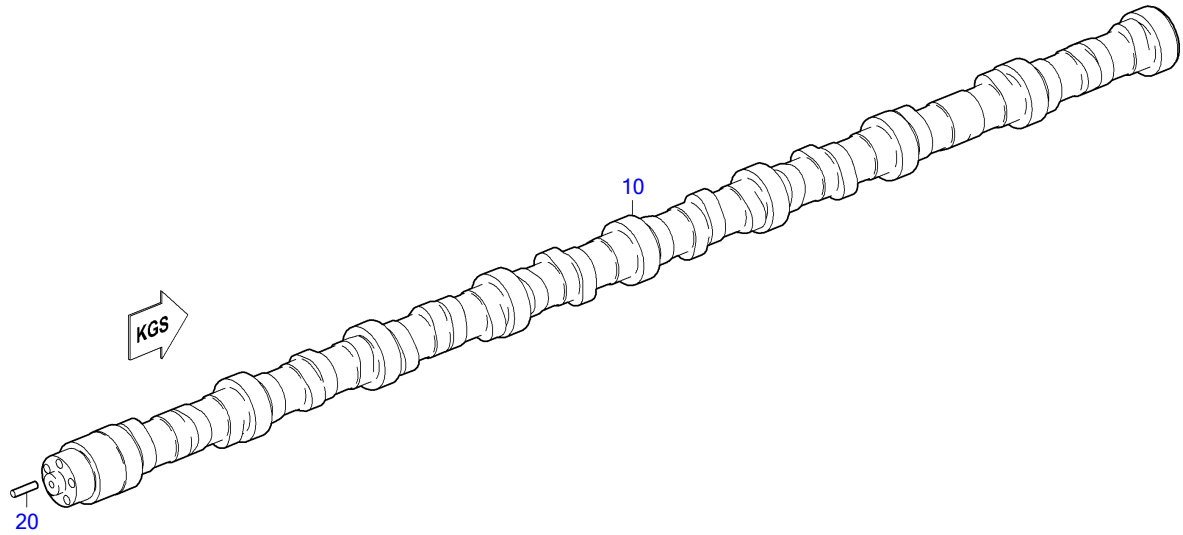
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CAMSHAFT FOR 16V

SERIAL NUMBER: 527110279

FG/FGS: 051 05

BOM-No.: XS527050.00001

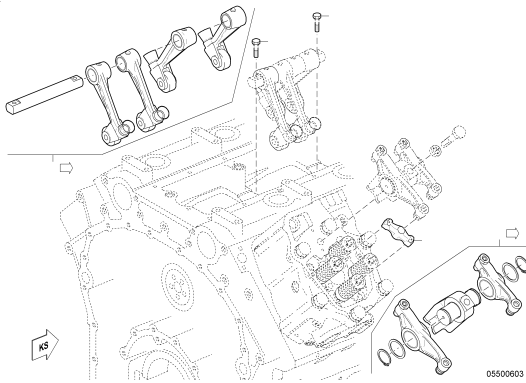
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
250	X52705100012	CAMSHAFT FOR 16V	1	PC		EM		
300	X52405200018	CAMSHAFT GEAR	1	PC	19,400 KG	EM		
400	5240521748	WHEEL SRS ADEC	1	PC	2,830 KG	EM		
500	000931012052	BOLT HEX	5	PC			M 12 X 70	DIN931
550	5240510351	SPACER RING HOLES	1	PC	427 G			
650	304017008085	BOLT HEX	6	PC	18 G		M 8 X 40	ISO4017
700	007349008002	WASHER	6	PC	8,300 G		8,4	DIN7349
850	X52405300005	THRUST BEARING FLANG FOR CAMSHAFT	1	PC	1,900 KG			
950	000933012051	BOLT HEX S2000/4000	3	PC	55 G	MN	M 12 X 50	DIN933
1050	X52405400013	PUSHROD	32	PC	609 G			



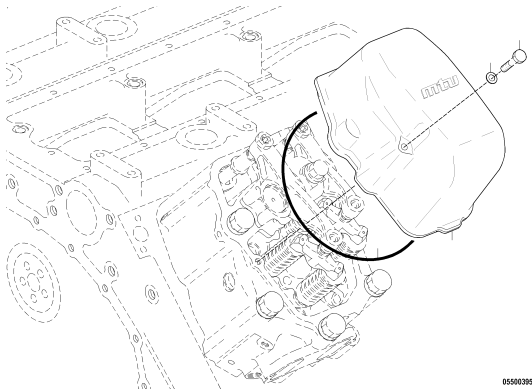
05100339

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	X52705100011	CAMSHAFT FOR 16V	1	PC		EM		
20	000007010111	PIN DOWEL CAMSHAFT	2	PC	26,500 G		10 M6 X 40	DIN7

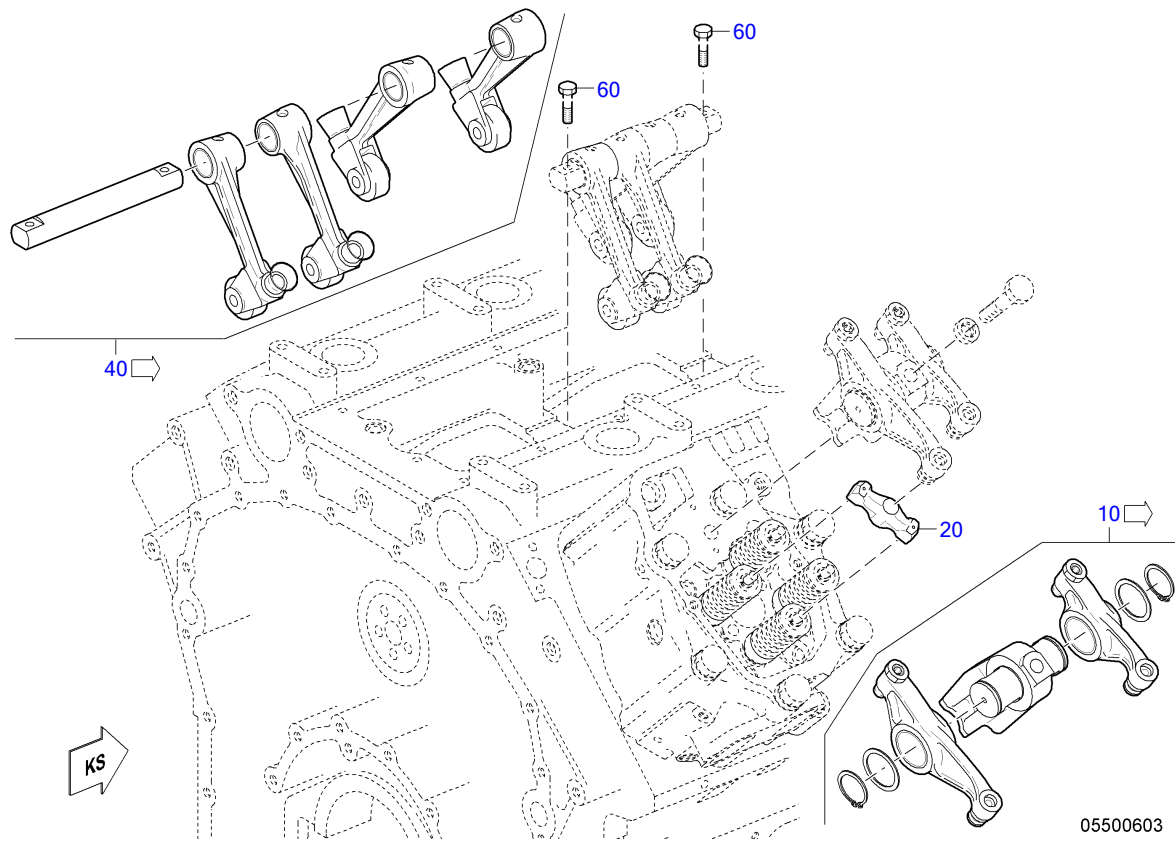
GROUP NUMBER (FG)
GROUP NAME
BOM-No.



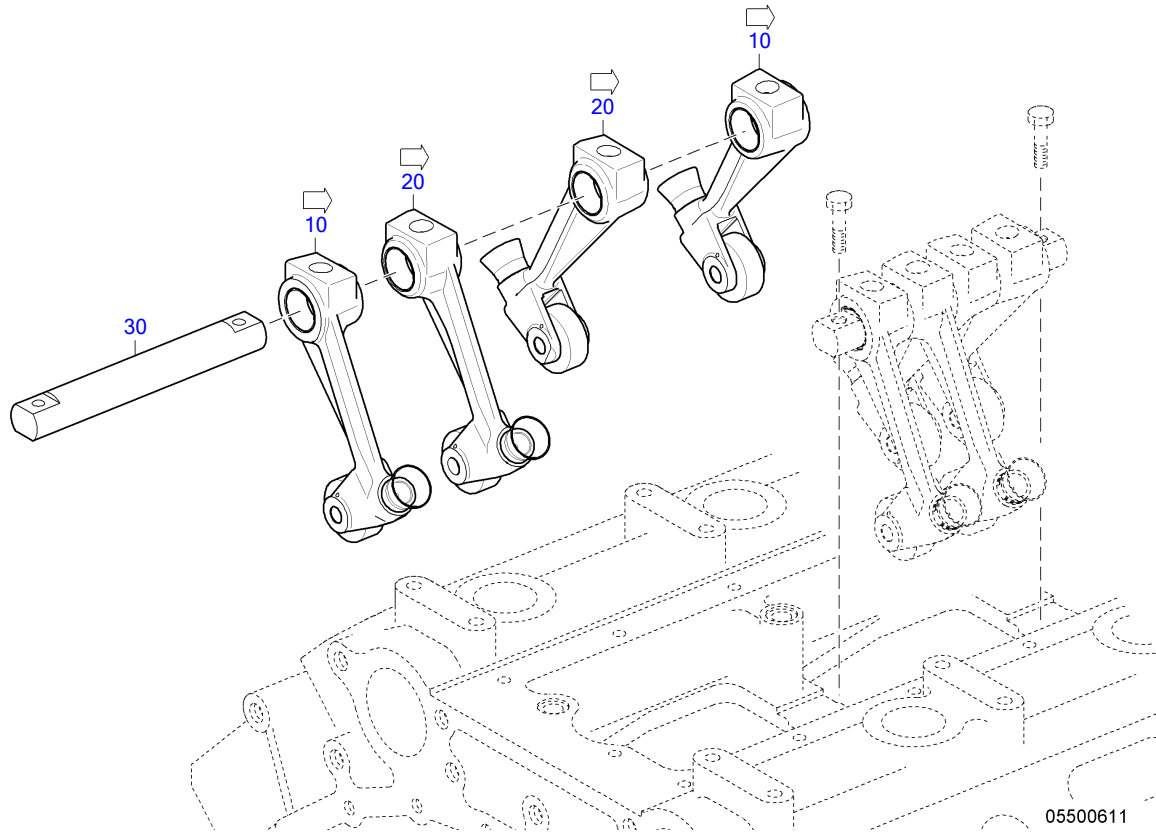
VALVE GEAR FOR 16V
XS527050.00026



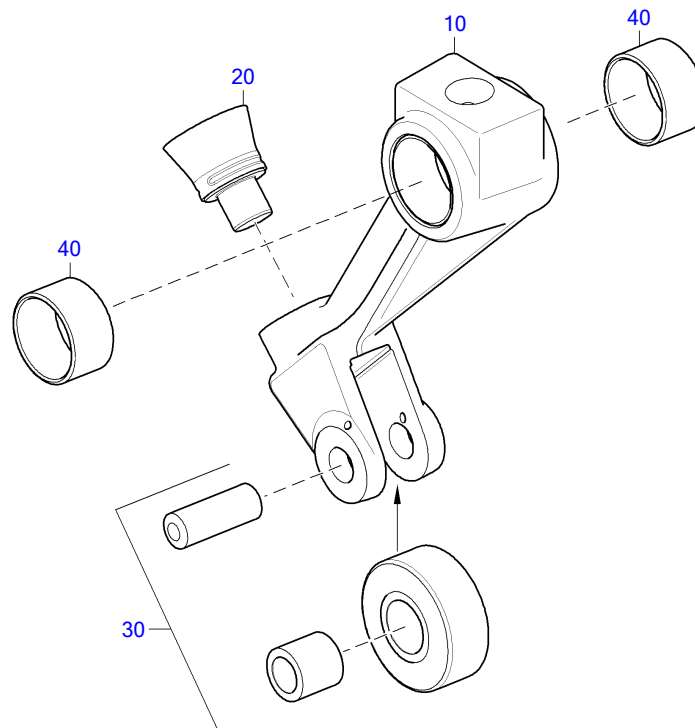
CYLINDER HEAD COVER FOR 16V
XS527010.00021



POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	X52405500145	ROCKER ARM	16	PC			
20	X52405500135	VALVE BRIDGE	32	PC			
40	X52405500139	SWING FOLL.	8	PC	7,940 KG		
60	000933010194	BOLT HEX	16	PC	31,520 G	M 10 X 40	DIN933

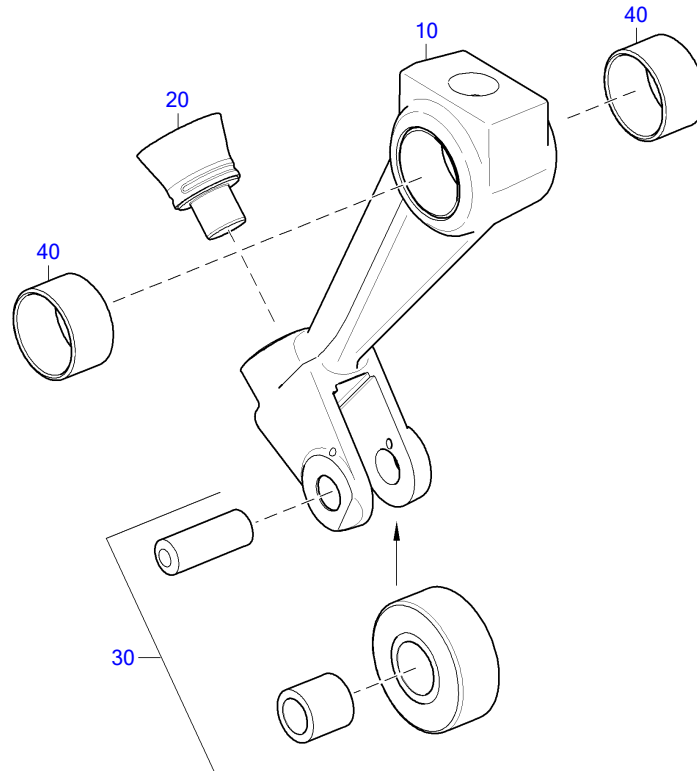


POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
10	X52405500137	SWING FOLL. INLET	2	PC	1,761 KG
20	X52405500138	SWING FOLL. EXHAUST	2	PC	1,761 KG
30	X52405500103	ROCKER SHAFT	1	PC	



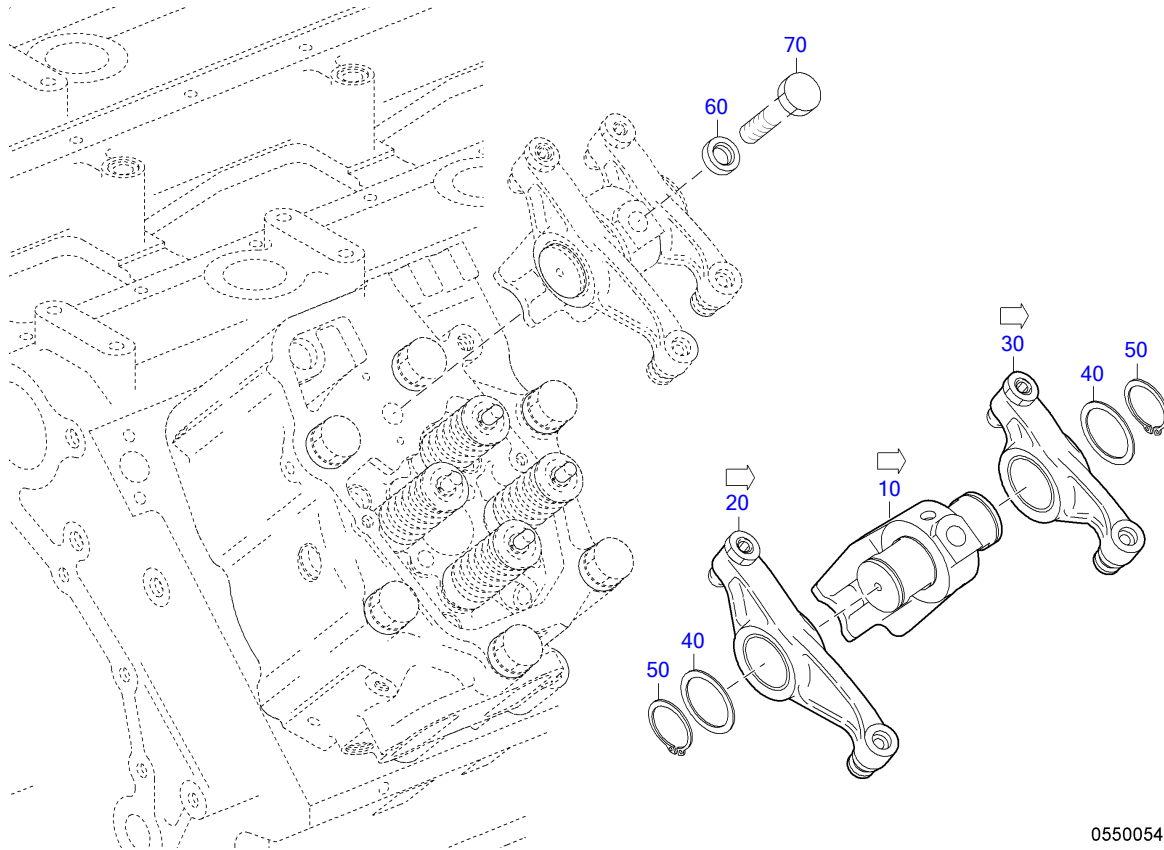
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POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	X52405500106	SWING FOLL. INLET	1	PC			
20	X52405500136	BALL SOCKET FOR ROCKER ARM	1	PC			
30	X52405400022	ROLLER TAPPET REPAIR KIT	1	PC			
40	000000001270	BUSHING	2	PC	38 KG	C 32 X 36 X 20	ISO4379



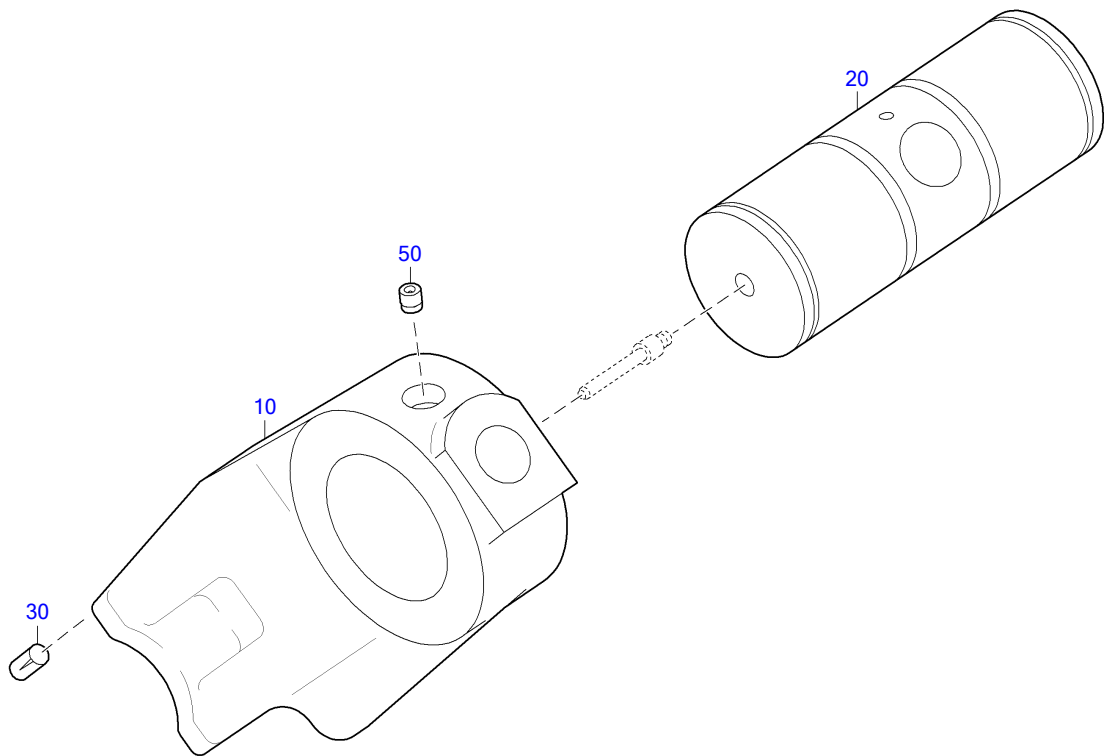
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POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	X52405500107	SWING FOLL. EXHAUST	1	PC			
20	X52405500136	BALL SOCKET FOR ROCKER ARM	1	PC			
30	X52405400022	ROLLER TAPPET REPAIR KIT	1	PC			
40	000000001270	BUSHING	2	PC	38 KG	C 32 X 36 X 20	ISO4379



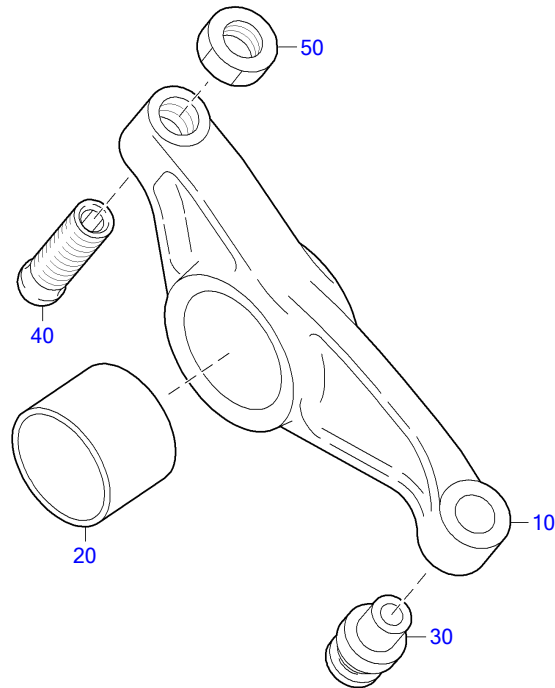
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POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	X52405500146	ROCKER SHAFT SUPPORT	1	PC			
20	X52405500124	ROCKER ARM INLET	1	PC			
30	X52405500123	ROCKER ARM EXHAUST	1	PC			
40	200988045000	RING SHIM	2	PC	8,800 G	45 X 55 X 1,5	DIN988
50	000471045000	RING SNAP HV ZNPH R5F	2	PC	7,120 G	45 X 1,75	DIN471
60	700521016200	WASHER	1	PC	12,010 G	16,2	MMN521
70	200933016002	HEX SCREW	1	PC	272,400 G	M 16 X180	DIN933



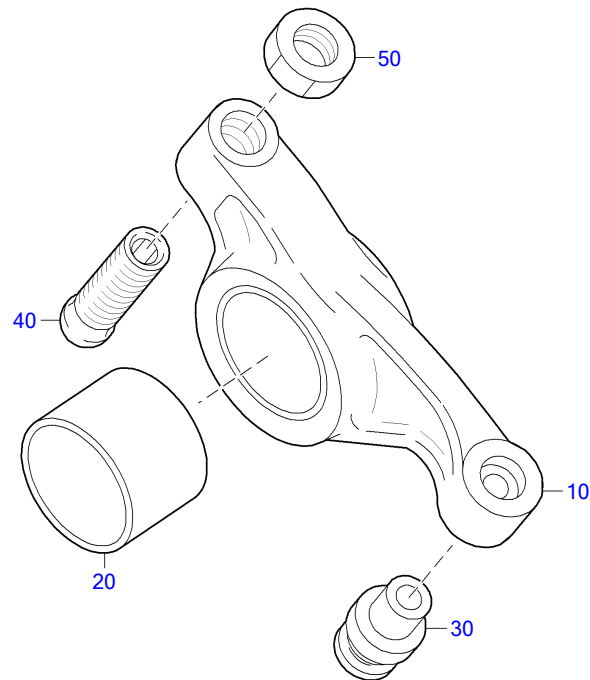
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POS.	PART NO.	DESIGNATION	QTY.	UNITS	MEASUREMENT	STANDARD
10	X52405500142	ROCKER SHAFT SUPPORT	1	PC		
20	X52405500097	ROCKER SHAFT	1	PC		
30	001474006000	PIN GROOVED	2	PC	6 X 12	DIN1474
50	X52418300025	OIL SPRAY NOZZLE	1	PC		



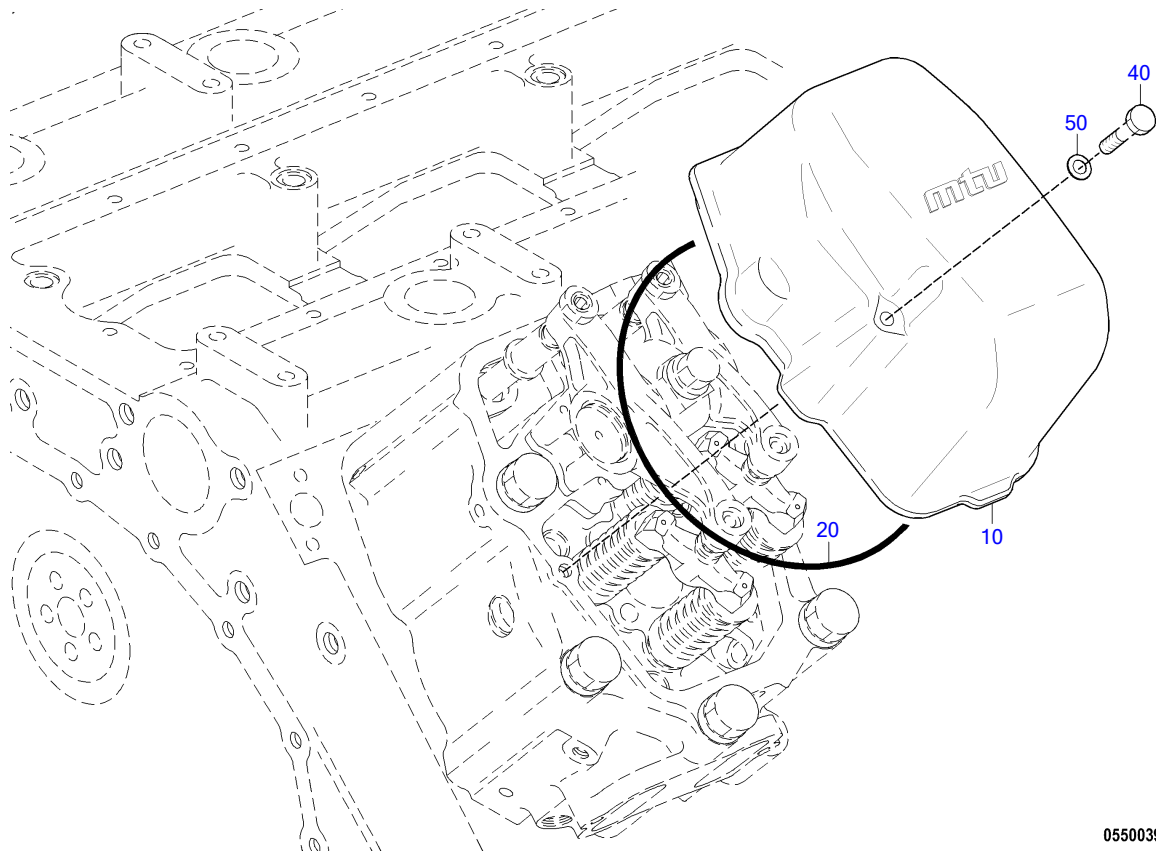
05500547

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	X52405500098	ROCKER ARM INLET	1	PC			
20	X52499100176	BUSHING FOR ROCKER ARM	1	PC			
30	X52405200015	THRUST MEMBER FOR ROCKER ARM	1	PC			
40	X52499100259	ADJUSTING SCREW FOR ROCKER ARM	1	PC			
50	00000000403	NUT ADEC	1	PC	17,700 G	M 16 X 1,5	ISO8675



05500548

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	X52405500099	ROCKER ARM EXHAUST	1	PC			
20	X52499100176	BUSHING FOR ROCKER ARM	1	PC			
30	X52405200015	THRUST MEMBER FOR ROCKER ARM	1	PC			
40	X52499100259	ADJUSTING SCREW FOR ROCKER ARM	1	PC			
50	000000000403	NUT ADEC	1	PC	17,700 G	M 16 X 1,5	ISO8675



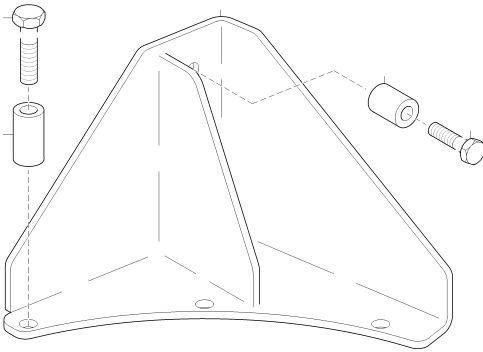
05500395a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	X52405500130	CYLINDER HEAD COVER	16	PC			
20	700429253000	O-RING	16	PC	21 G	253 X 4	MMN429
40	000931010332	BOLT HEX	32	PC	100 G	M 10 X150	DIN931
50	000125010524	WASHER	32	PC	3,100 G	A 10,5	DIN125

GROUP NUMBER (FG)

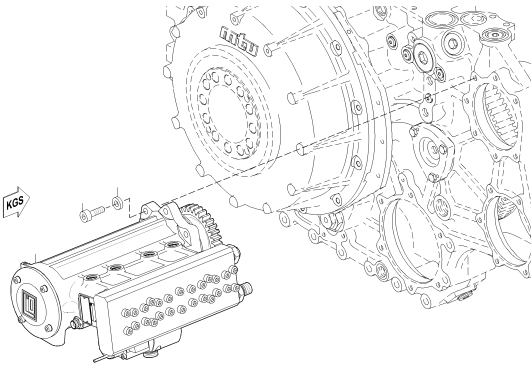
GROUP NAME

BOM-No.



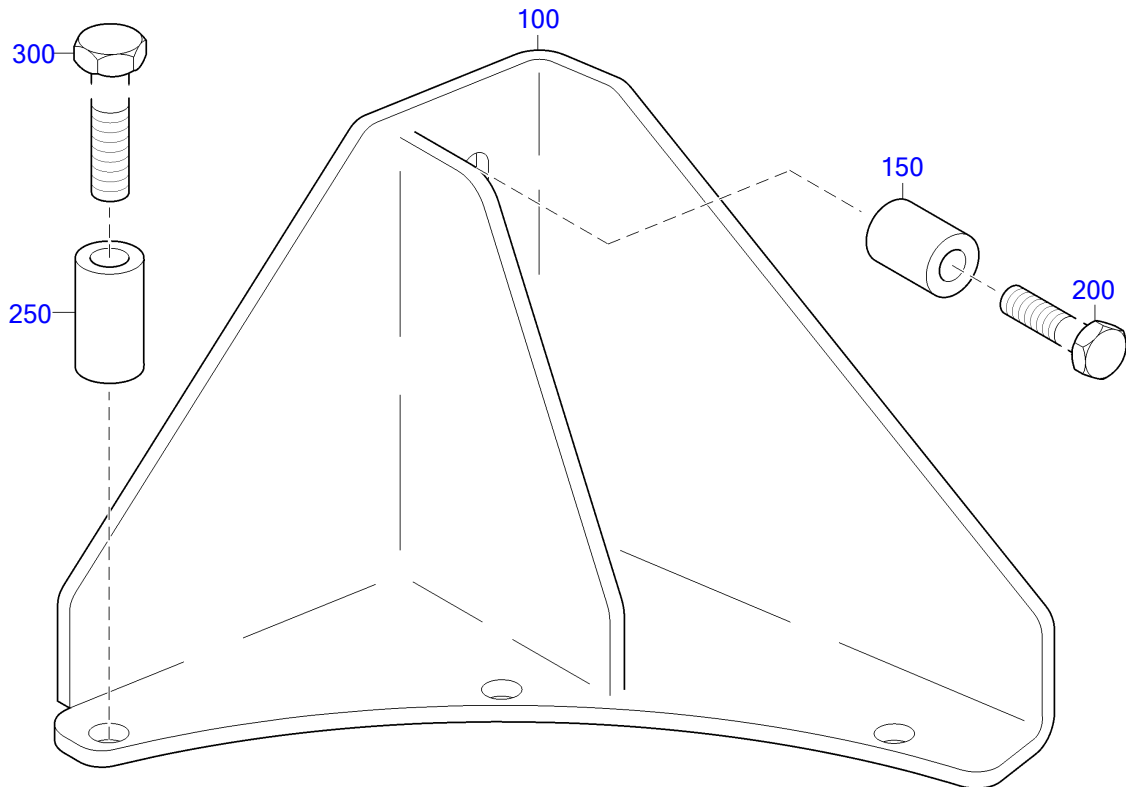
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RETAINER FOR HP PUMP
XS595010.00057



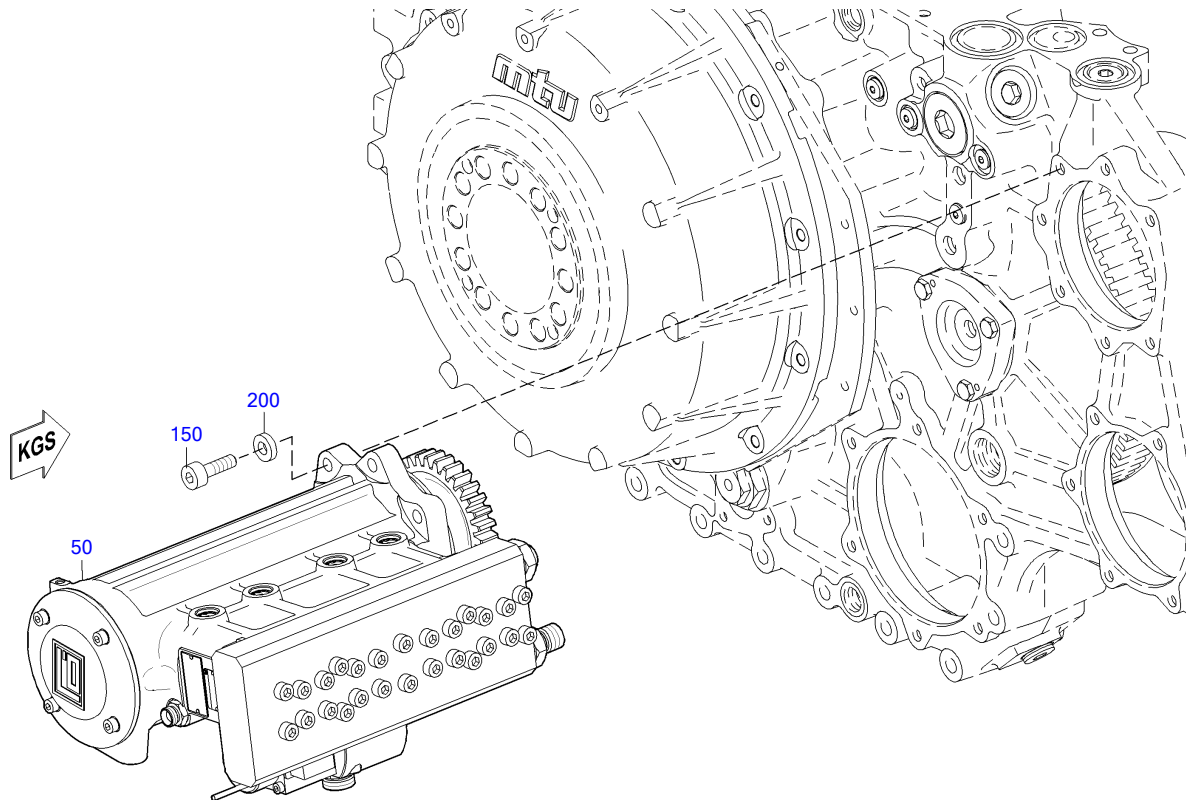
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HP PUMP W/ACCEPT CERTIFICAT
XS595070.00027



07300607a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
100	X59407300005	RETAINER FOR HP PUMP	1	PC	3,972 KG		
150	28200750053/0	SPACER BUSHING	2	PC	64,300 G		
200	000933010095	BOLT HEX	2	PC	36,500 G	M 10 X 50	DIN933
250	X59499100026	SPACER SLEEVE	3	PC	79 G		
300	000933012038	BOLT HEX	3	PC	65 G	M 12 X 65	DIN933



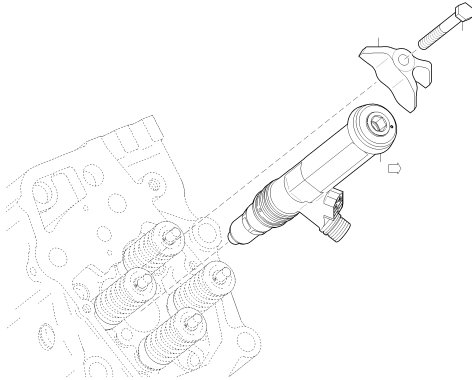
07300577a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
20	X59507300003	HP PUMP	1	PC	81,800 KG	EM		
50	X59507300003/87	HP PUMP W/ACCEPT CERTIFICAT	1	PC		EM		
150	000912012093	SCREW	16	PC	58 G		M 12 X 55	DIN912
200	200433013001	WASHER	15	PC			13	DIN433
210	RX59507300003/87	HP PUMP	1	PC	81,800 KG	EM		
220	EX59507300003/87	HP PUMP	1	PC	81,800 KG	EM		

GROUP NUMBER (FG)

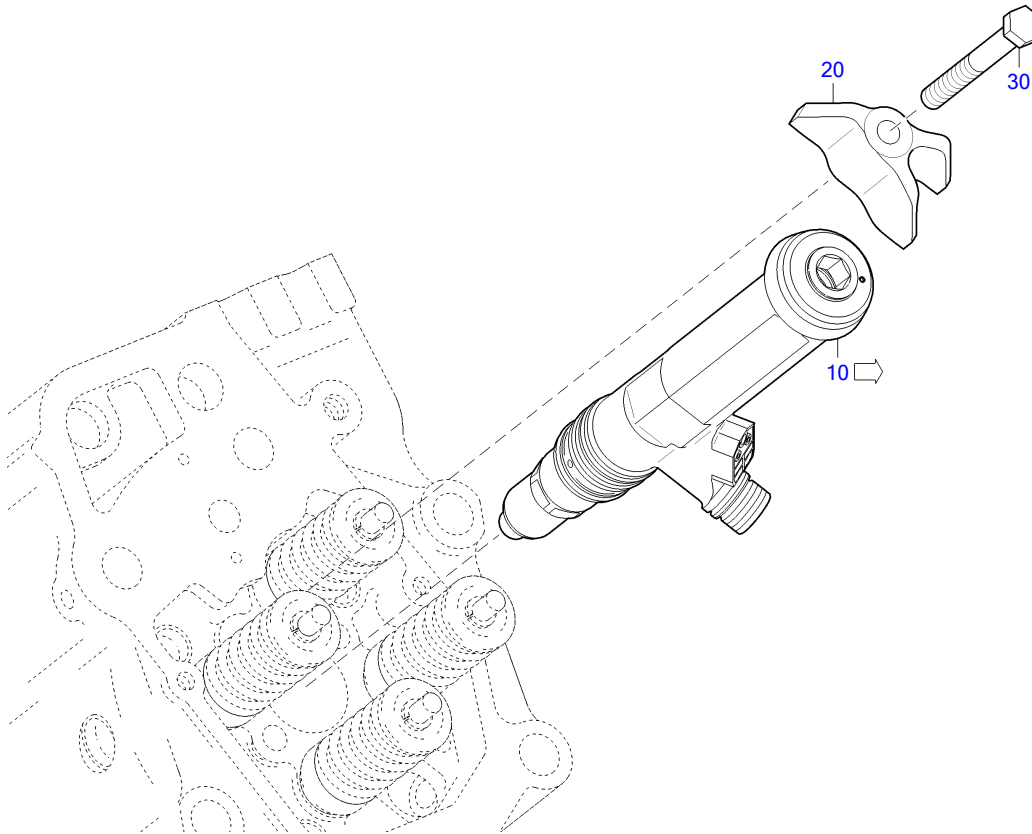
GROUP NAME

BOM-No.



INJECTOR
XS595070.00021

07500233a



07500233a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
10		INJECTOR	16	PC	3,500 KG	EM	
15	EX59407500024	INJECTOR	16	PC	3,500 KG	EM	
16	RX59407500024	INJECTOR	16	PC	3,500 KG	EM	
20	5240780535	CLAMP INJECTOR HOLD-DOWN	16	PC			
30	5249902101	BOLT PHOS CTD DIN EN24017	16	PC	87 G		M12X100

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
INJECTOR

SERIAL NUMBER: 527110279

FG/FGS:

BOM-No.: X59407500024

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	700429021001	O-RING		1	PC	0,600 G		21 X 2	MMN429
20	0000160119	SEALING RING		1	PC	9 G	EM		
30	700429038003	O-RING		2	PC	3,080 G		38,5 X 3,7	MMN429
40	XP59307500002	O-RING	FKM SHOREHÄRTE 70 GRÜN	1	PC	2,600 G		36,0+/-0,4X3,6+/-0,11	

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
INJECTION LINE / HP FUEL LINE

SERIAL NUMBER: 527110279
FG/FGS: 077

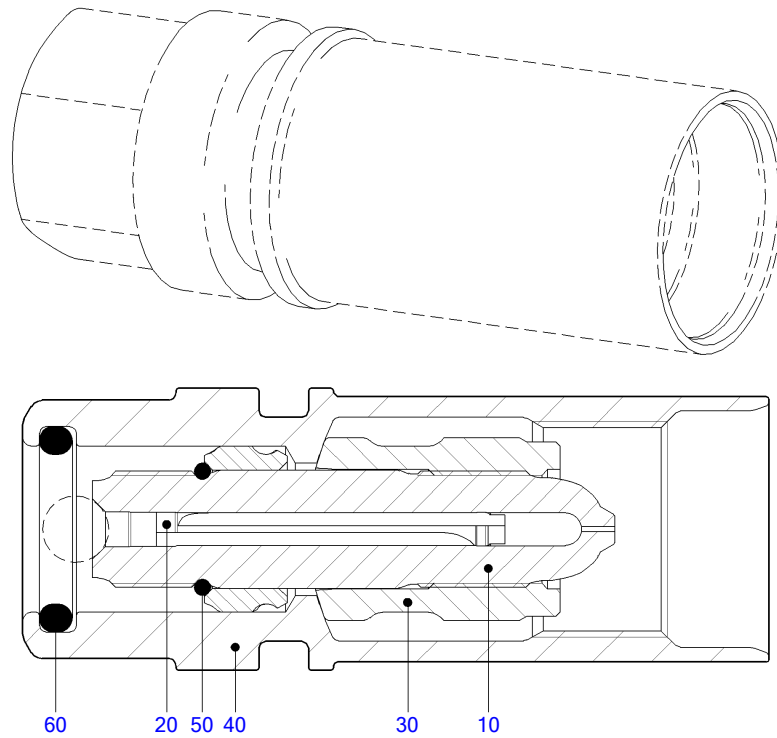
GROUP NUMBER (FG)

GROUP NAME

BOM-No.

HP LINE JACKETED
XS595070.00026

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
40	X59307700016	ADAPTER FOR HP LINE		1	PC	272 G			
45	700429028004	O-RING		1	PC	1,800 G		28 X 3,15	MMN429
60	X52907700001	HP FUEL LINE JACKETED		1	PC	5,220 KG		EM	
70	X59499100261	PIPE HALF-CLAMP		4	PC	82 G		56X21X16	
80	X59399100008	GROMMET		2	PC	9 G			
90	007349008002	WASHER		2	PC	8,300 G		8,4	DIN7349
100	000000004164	BOLT		1	PC			M 8 X 60	ISO4017
110	204014008005	HEX SCREW		1	PC	41,400 G		M 8 X100	ISO4014
113	X59307800005	BRACKET HP LINE		1	PC	139 G			
115	X59499100261	PIPE HALF-CLAMP		2	PC	82 G		56X21X16	
116	X59399100008	GROMMET		1	PC	9 G			
117	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
118	000000004164	BOLT		1	PC			M 8 X 60	ISO4017
130	X52907700002	HP FUEL LINE DOUBLE-WALLED, LEFT		1	PC	4,520 KG		EM	
140	X59499100261	PIPE HALF-CLAMP		4	PC	82 G		56X21X16	
150	X59399100008	GROMMET		2	PC	9 G			
160	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
170	000000004164	BOLT		1	PC			M 8 X 60	ISO4017
190	X52907700027	HP FUEL LINE DOUBLE-WALLED, RIGH	BR4000.03 ARBEITSSCHIFFE	1	PC	3,880 KG		EM	
200	X59499100261	PIPE HALF-CLAMP		2	PC	82 G		56X21X16	
210	X59399100008	GROMMET		1	PC	9 G			
220	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
230	000000004164	BOLT		1	PC			M 8 X 60	ISO4017
250	X52907700059	FUEL DISTRIBUTOR JACKETED	SCHMIEDETEIL FUCHS CH	1	PC	7,443 KG		EM	
260	000000003510	HEX SCREW		2	PC	66 G		M 10 X 90	ISO4014
270	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
280	304014008021	HEX SCREW		1	PC			M 8 X120	ISO4014
290	X52907800006	BUSHING		1	PC	118 G		D=25/9; L=35,6	
310	X59507800003	PRESS RELIEF VALVE FOR 16V/20V		1	PC			EM	
330	X59507700010	HP ACCUMULATOR DOUBLE-WALLED, LEFT		1	PC	55 KG		EM	
340	X59507700009	HP ACCUMULATOR DOUBLE-WALLED, RIGH		1	PC	54,500 KG		EM	
350	200433010500	WASHER		16	PC	1,900 G		10,5	DIN433
360	000912010014	BOLT HEX SOC HD		16	PC			M 10 X 40	DIN912
370	X59407700023	HP FUEL LINE		16	PC			EM	
380	X52607700009	ADAPTER JACKETED		16	PC	360 G		EM DROSSEL-DURCHM0,62MM	
400	700429024000	O-RING		16	PC	3,900 G		24 X 5	MMN429

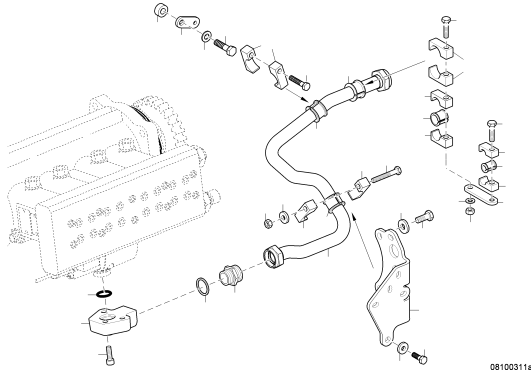


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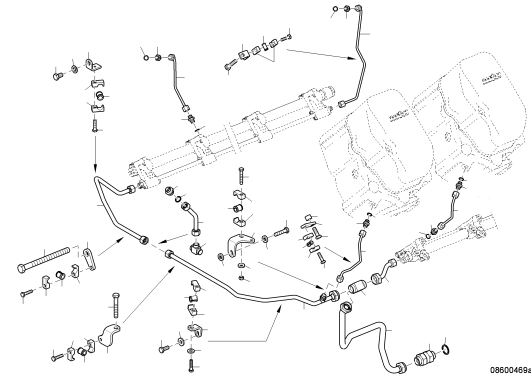
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
10	XP52707700021	PIPE NECK	1	PC			M14X1 LH /M14X1,5
20		EDGE-TYPE FILTER	1	PC		KE	D 4,1 X 42
30	XP52707700018	THRUST RING	1	PC			22X29.5
40	XP52707700017	UNION NUT	1	PC			34X90
50	XP52707700015	O-RING	1	PC	1 G		12X2
60	8699970483	SEALING RING	1	PC	40 G		18,64 X 3,55

GROUP NUMBER (FG)
GROUP NAME
BOM-No.

FUEL PREFILTER
XS594080.00073



LP FUEL SYSTEM OPEN
XS595080.00028



FUEL RETURN OPEN
XS595080.00029

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S

SERIAL NUMBER: 527110279

FUEL PREFILTER

FG/FGS: 080 00

BOM-No.: XS594080.00073

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT
20	X59408300052/87	FUEL PREFILTER	5 M	1	PC	38,700 KG

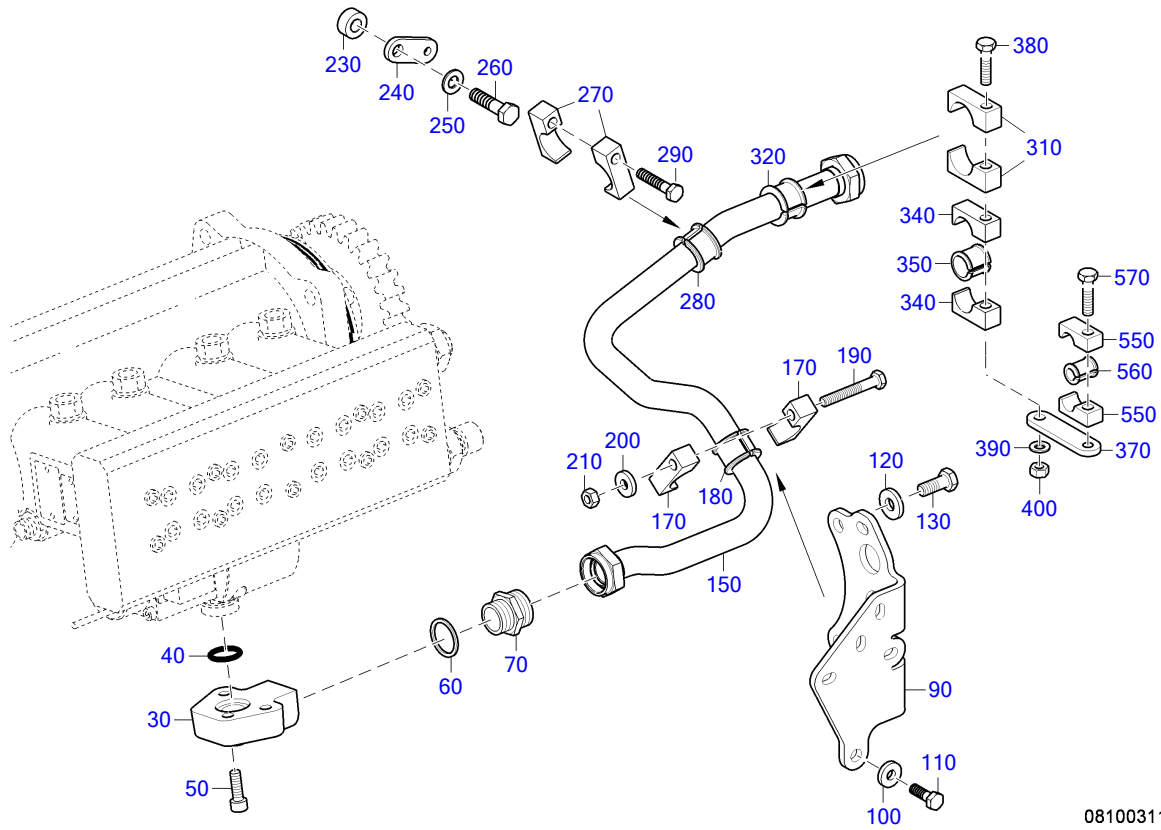
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
LP FUEL SYSTEM OPEN

SERIAL NUMBER: 527110279

FG/FGS: 080 00

BOM-No.: XS595080.00028



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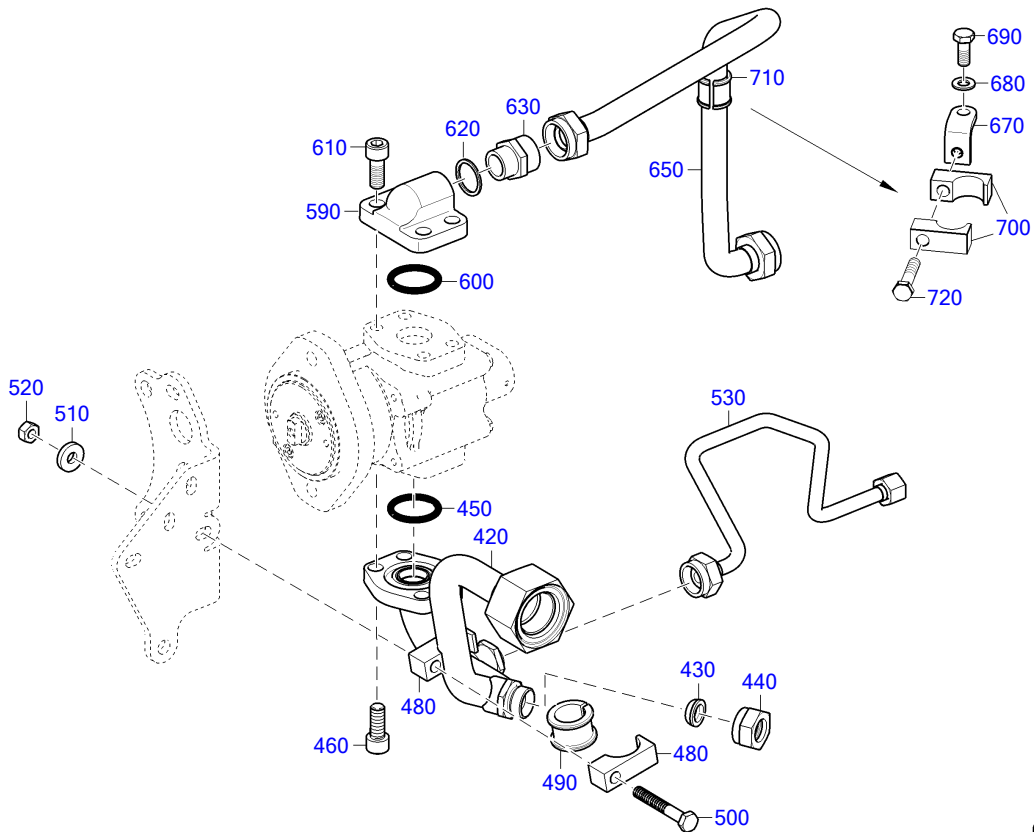
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
LP FUEL SYSTEM OPEN

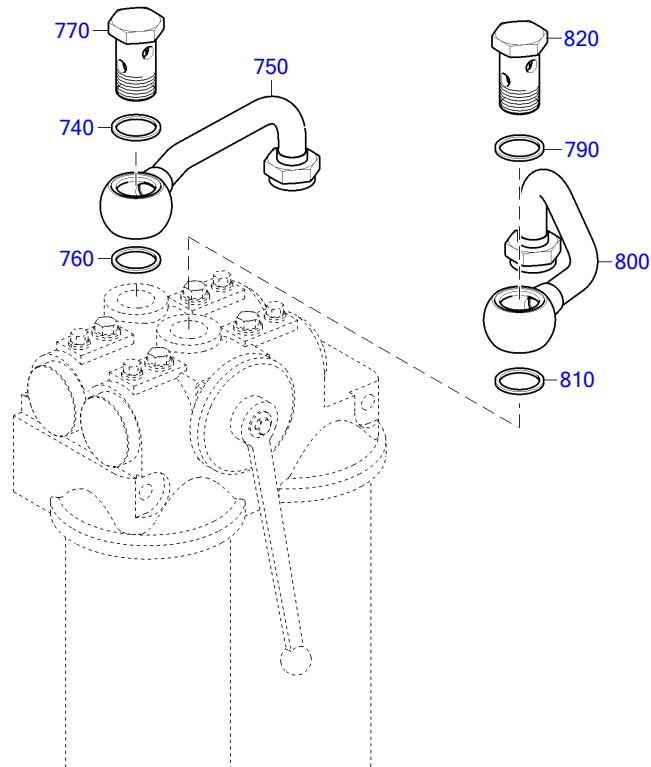
SERIAL NUMBER: 527110279

FG/FGS: 080 00

BOM-No.: XS595080.00028



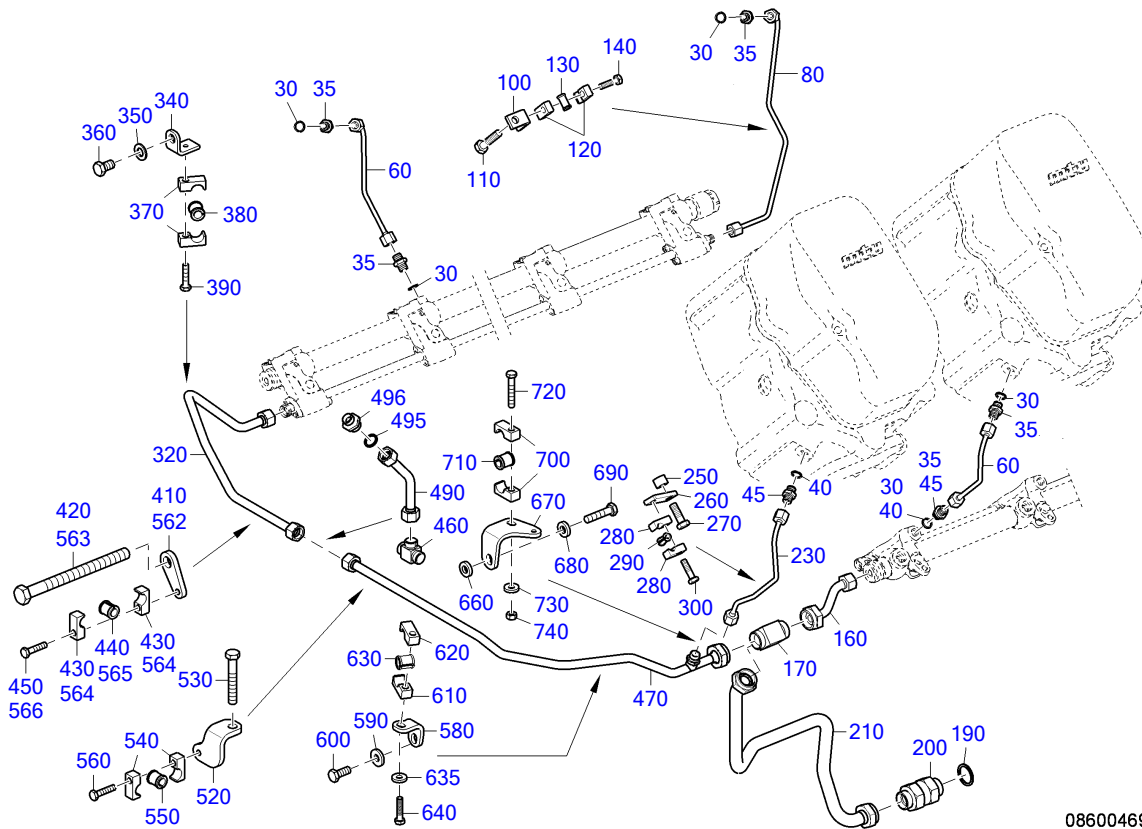
08100312a



08100237c

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
30	X00032042	CONNECTING PIECE		1	PC		SB		
40	700429020003	O-RING		1	PC	2,120 G		20 X 4	MMN429
50	000912008014	SOCKET HD. S		3	PC	15 G		M 8 X 25	DIN912
60	007603026101	WASHER A COP		1	PC	3,700 G		A 26 X 32	DIN7603
70	915013020002	SCREW NECK		1	PC	67,500 G		20 (M30X1,5/M26X1,5)	N15013
90	X59308100037	RETAINER PLATE		1	PC	818 G			
100	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
110	304017008081	HEX BOLT		1	PC	13,500 G		M 8 X 25	ISO4017
120	007349010002	WASHER		2	PC	11 G		10,5	DIN7349
130	000000003021	HEX SCREW		2	PC	23,700 G		M 10 X 25	ISO4017
150	X59308100009	FUEL LINE		1	PC	930 G	SB		
170	700325028100	CLAMP HALF TUBE 1/1 D9-28		2	PC	55 G		1/1 D 9 - 28	MMN325
180	700327022000	GROMMET		1	PC	9 G		22	MMN327
190	304017008088	BOLT HEX A3C		1	PC	23,440 G		M 8 X 55	ISO4017
200	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
210	304032008014	NUT HEX 8 A3C		1	PC	4,800 G		M 8	ISO4032
230	735151010200	SPACER S2000/4000		1	PC	22,300 G	MN	B 10,5	MTN5151
240	5240782141	BRACKET FLAT M8 TAP D M10 HOLE BR 4000		1	PC	32 G			
250	000125010524	WASHER		1	PC	3,100 G		A 10,5	DIN125
260	000000001039	BOLT HEX A3C		1	PC	29,800 G		M 10 X 40	ISO4017
270	700325028100	CLAMP HALF TUBE 1/1 D9-28		2	PC	55 G		1/1 D 9 - 28	MMN325
280	700327022000	GROMMET		1	PC	9 G		22	MMN327
290	304017008085	BOLT HEX		1	PC	18 G		M 8 X 40	ISO4017
310	700325028100	CLAMP HALF TUBE 1/1 D9-28		2	PC	55 G		1/1 D 9 - 28	MMN325
320	700327022000	GROMMET		1	PC	9 G		22	MMN327

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
340	700325022100	CLAMP HALF TUBE 1/1 D9-22		2	PC	48 G		1/1 D 9 - 22	MMN325
350	700327018000	GROMMET		1	PC	4,700 G		18	MMN327
370	8801590040	RETAINER		1	PC	54,500 G			
380	00000004390	BOLT A3C		1	PC	32 G		M 8 X 85	ISO4017
390	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125
400	304032008014	NUT HEX 8 A3C		1	PC	4,800 G		M 8	ISO4032
420	X59308100029	FUEL LINE		1	PC		SB		
430	915005013004	CONE SEALING 15		1	PC	9,500 G		15	MBN15005
440	915001013003	UNION NUT M1		1	PC			13 M 22 X 1,5	N15001
450	700429030002	O-RING		1	PC	3,100 G		30 X 4	MMN429
460	000912010065	BOLT HEX SOC HD		4	PC	24,200 G		M 10 X 25	DIN912
480	700325028100	CLAMP HALF TUBE 1/1 D9-28		2	PC	55 G		1/1 D 9 - 28	MMN325
490	700327022000	GROMMET		1	PC	9 G		22	MMN327
500	304017008088	BOLT HEX A3C		1	PC	23,440 G		M 8 X 55	ISO4017
510	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
520	304032008014	NUT HEX 8 A3C		1	PC	4,800 G		M 8	ISO4032
530	X59308100006	FUEL LINE		1	PC	0,175 KG	SB		
550	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34,030 G		1/1 D 9 - 15	MMN325
560	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
570	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
590	X59308200003	CONNECTING PIECE		1	PC				
600	700429030002	O-RING		1	PC	3,100 G		30 X 4	MMN429
610	000912010065	BOLT HEX SOC HD		4	PC	24,200 G		M 10 X 25	DIN912
620	007603022102	COPPER SEALING RING		1	PC	0,900 G		A 22 X 27	DIN7603
630	915013016002	UNION		1	PC			16	N15013
650	X59308200001	FUEL LINE		1	PC	190 G	SB EM		
670	5502030043	BRACKET		1	PC	31 G		H023	
680	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125
690	304017008079	BOLT HEX		1	PC	12,370 G		M 8 X 20	ISO4017
700	700325022100	CLAMP HALF TUBE 1/1 D9-22		2	PC	48 G		1/1 D 9 - 22	MMN325
710	700327018000	GROMMET		1	PC	4,700 G		18	MMN327
720	304017008085	BOLT HEX		1	PC	18 G		M 8 X 40	ISO4017
740	007603026101	WASHER A COP		1	PC	3,700 G		A 26 X 32	DIN7603
750	X59308100007	FUEL LINE		1	PC		SB		
760	007603026101	WASHER A COP		1	PC	3,700 G		A 26 X 32	DIN7603
770	700223016000	BOLT BANJO A18		1	PC	156 G		A 18	MMN223
790	007603026101	WASHER A COP		1	PC	3,700 G		A 26 X 32	DIN7603
800	X59308100008	FUEL LINE		1	PC		SB		
810	007603026101	WASHER A COP		1	PC	3,700 G		A 26 X 32	DIN7603
820	700223016000	BOLT BANJO A18		1	PC	156 G		A 18	MMN223



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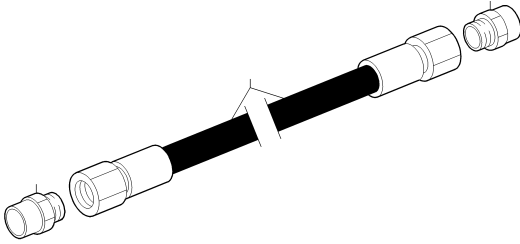
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
30	007603012111	COPPER SEALING RING	14	PC	0,700 G		A 12 X 15,5	DIN7603
35	915006004002	UNION	14	PC	19,540 G	4		N15006
40	007603012111	COPPER SEALING RING	16	PC	0,700 G		A 12 X 15,5	DIN7603
45	915006004002	UNION	16	PC	19,540 G	4		N15006
60	X00034974	TUBE FUEL LOW PRESSURE RETURN	14	PC				SB
80	X00004215	TUBE FUEL RETURN LOW PRESSURE B-BANK	1	PC	90,600 G			SB
100	5551870640	BRACKET L H:51 S2000/4000	1	PC				SB
110	000000003021	HEX SCREW	1	PC	23,700 G		M 10 X 25	ISO4017
120	700325010100	CLAMP HALF TUBE	2	PC	26 G		1/1 D 9 - 10	MMN325
130	700327006000	GROMMET	1	PC	1,960 G	6		MMN327
140	304017008083	BOLT HEX A3C	1	PC	15 G		M 8 X 30	ISO4017
160	X00040958	TUBE FUEL RETURN 87.391	1	PC	112 G			SB
170	5569970274	FITTING TEE	1	PC	195 G		DN 16 / M26X1,5	
190	007603026101	WASHER A COP	1	PC	3,700 G		A 26 X 32	DIN7603
200	735080018202	CHECK VALVE	1	PC	295 G		RHDK 18-L 2	MTN5080
210	X59608300002	FUEL LINE	1	PC	458 G			SB
230	X00040965	TUBE FUEL RETURN LOW PRESSURE A-BANK	1	PC	71 G			SB
250	5599920601	SPACER BUSHING	1	PC	22,770 G			
260	135M55009/1	STRAP 75 X20	1	PC	61,500 G			
270	000000003326	HEX SCREW	1	PC	28,180 G		M 10 X 35	ISO4017
280	700325010100	CLAMP HALF TUBE	2	PC	26 G		1/1 D 9 - 10	MMN325
290	700327006000	GROMMET	1	PC	1,960 G	6		MMN327
300	304017008083	BOLT HEX A3C	1	PC	15 G		M 8 X 30	ISO4017
320	X59408100016	FUEL RETURN LINE	1	PC				SB
340	5612033740	BRACKET L H:81	1	PC	60,600 G			

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
350	000125013012	WASHER	1	PC	5,320 G	MN	A 13	DIN125
360	204017012004	HEX SCREW	1	PC	29,600 G		M 12 X 20	ISO4017
370	700325018100	CLAMP HALF TUBE 1/1 D9-18	2	PC	40 G		1/1 D 9 - 18	MMN325
380	700327012000	GROMMET	1	PC	4,600 G		12	MMN327
385	000125008427	WASHER	1	PC	1,500 G		A 8,4	DIN125
390	304017008084	BOLT HEX A3C	1	PC	16,565 G		M 8 X 35	ISO4017
410	X59499100107	RETAINER	1	PC				
415	200433017001	WASHER	1	PC	7,300 G		17	DIN433
420	204014016007	HEX SCREW	1	PC	320 G		M 16 X190	ISO4014
430	700325018100	CLAMP HALF TUBE 1/1 D9-18	2	PC	40 G		1/1 D 9 - 18	MMN325
440	700327012000	GROMMET	1	PC	4,600 G		12	MMN327
450	304017008085	BOLT HEX	1	PC	18 G		M 8 X 40	ISO4017
460	5569970774	FITTING TEE	1	PC	75 G		DN 10 / M18X1,5	
470	X59408100019	FUEL RETURN LINE	1	PC				
490	X59408100010	FUEL RETURN LINE	1	PC		SB		
495	007603016105	COPPER SEALING RING	1	PC			A 16 X 20	DIN7603
496	915007010001	CONNECTOR 10/8	1	PC	33,500 G		10 / 8 (M18X1,5/M16X1,5)	N15007
520	X59408100013	RETAINER	1	PC	208 G			
525	200433013000	WASHER	1	PC			13	DIN433
530	000000000904	BOLT HEX ZHPH R5F	1	PC	75 G		M 12 X 80	ISO4017
540	700325018100	CLAMP HALF TUBE 1/1 D9-18	2	PC	40 G		1/1 D 9 - 18	MMN325
550	700327012000	GROMMET	1	PC	4,600 G		12	MMN327
560	304017008085	BOLT HEX	1	PC	18 G		M 8 X 40	ISO4017
562	X59499100107	RETAINER	1	PC				
563	200433017001	WASHER	1	PC	7,300 G		17	DIN433
564	204014016007	HEX SCREW	1	PC	320 G		M 16 X190	ISO4014
565	700325018100	CLAMP HALF TUBE 1/1 D9-18	2	PC	40 G		1/1 D 9 - 18	MMN325
566	700327012000	GROMMET	1	PC	4,600 G		12	MMN327
567	304017008085	BOLT HEX	1	PC	18 G		M 8 X 40	ISO4017
580	X59408100017	RETAINER FOR FUEL LINE	1	PC	70 G			
590	007349010002	WASHER	1	PC	11 G		10,5	DIN7349
600	000000003021	HEX SCREW	1	PC	23,700 G		M 10 X 25	ISO4017
610	700325018100	CLAMP HALF TUBE 1/1 D9-18	1	PC	40 G		1/1 D 9 - 18	MMN325
620	700325018200	CLAMP HALF TUBE 1/1 G8-18	1	PC	40,800 G		1/1 G 8 - 18	MMN325
630	700327012000	GROMMET	1	PC	4,600 G		12	MMN327
635	007349008002	WASHER	1	PC	8,300 G		8,4	DIN7349
640	304017008084	BOLT HEX A3C	1	PC	16,565 G		M 8 X 35	ISO4017
660	735151010100	SPACER	1	PC	11 G		A 10,5	MTN5151
670	X59308600005	BRACKET	1	PC	173 G			
680	735151010100	SPACER	1	PC	11 G		A 10,5	MTN5151
690	204017010021	BOLT A3C	1	PC	33,200 G		M 10 X 45	ISO4017
700	700325018100	CLAMP HALF TUBE 1/1 D9-18	2	PC	40 G		1/1 D 9 - 18	MMN325
710	700327012000	GROMMET	1	PC	4,600 G		12	MMN327
720	304017008086	BOLT HEX A3C	1	PC	19,400 G		M 8 X 45	ISO4017
730	007349008002	WASHER	1	PC	8,300 G		8,4	DIN7349
740	304032008014	NUT HEX 8 A3C	1	PC	4,800 G		M 8	ISO4032

GROUP NUMBER (FG)

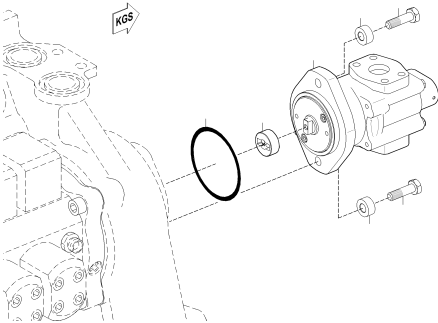
GROUP NAME

BOM-No.



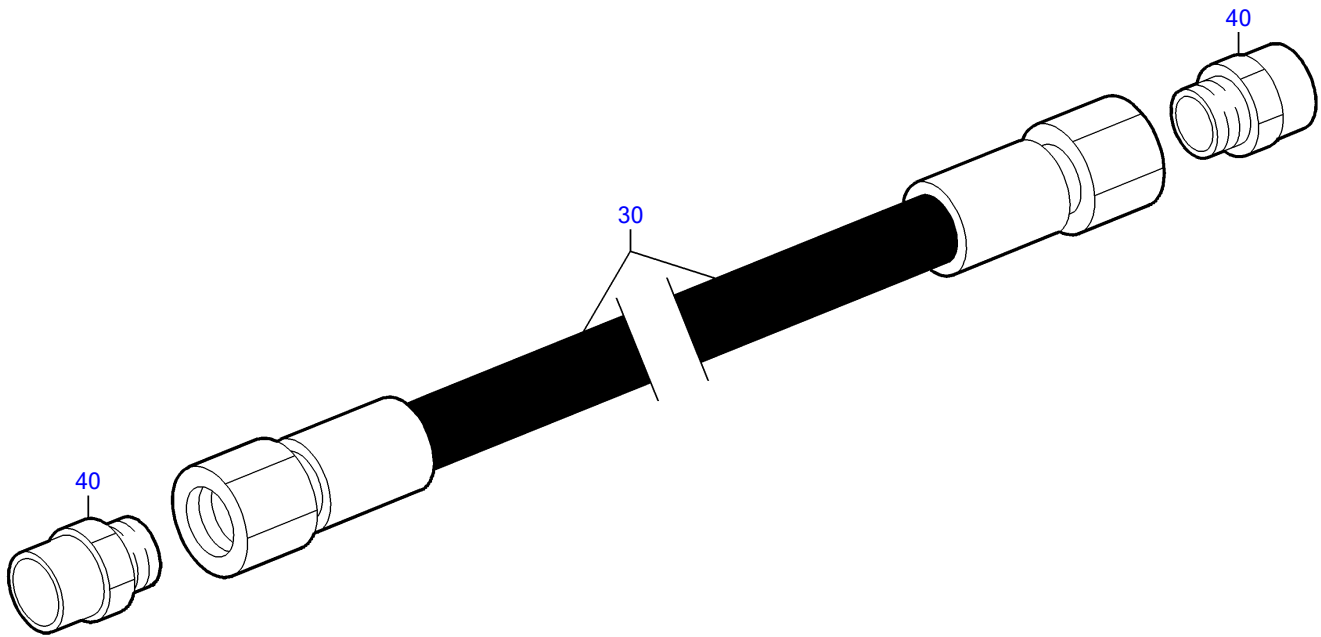
HOSE
XS595990.00056

20200807a



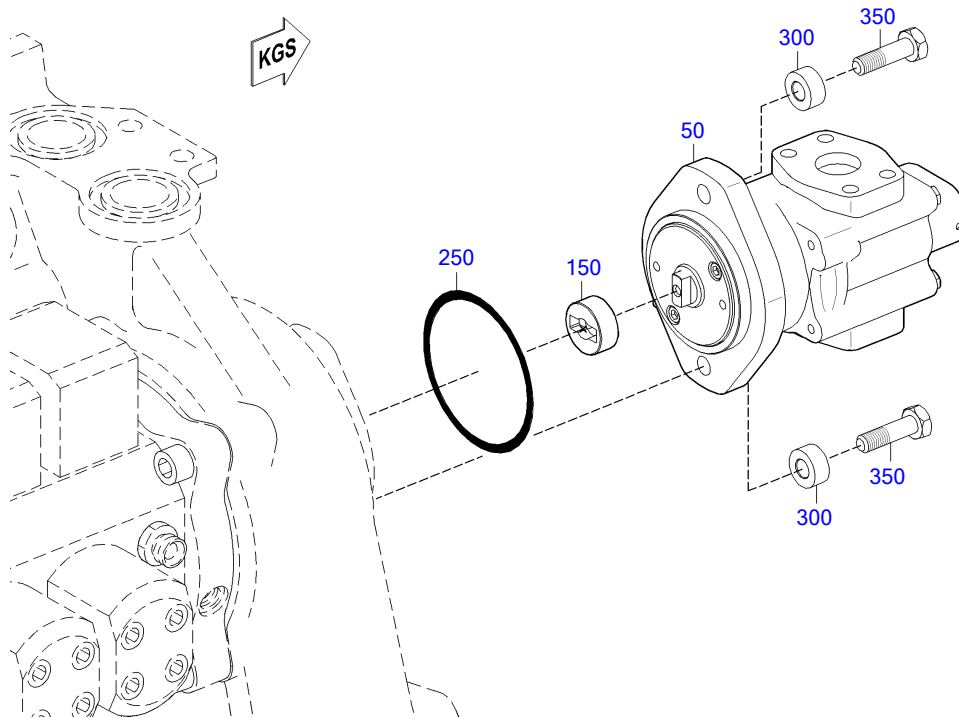
FUEL PUMP LOW PRESSURE
XS595080.00007

09100209a



20200807a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
30	X59599100145	HOSE	EATON 2807-16 400 MM LANG	1	PC	415 G		
40	718363220003	UNION		2	PC	68,600 G	22/M 30 X 1,5	MMN18363.2



08100269a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
50	X00040978	FUEL DELIVERY PUMP	1	PC	5,650 KG	EM		
150	X52408100007	LINK	1	PC	54 G			
250	700429083000	O-RING	1	PC			83 X 5	MMN429
300	735151010200	SPACER S2000/4000	2	PC	22,300 G	MN	B 10,5	MTN5151
350	000933010094	BOLT HEX	2	PC	32 G		M 10 X 40	DIN933

FUEL FILTER

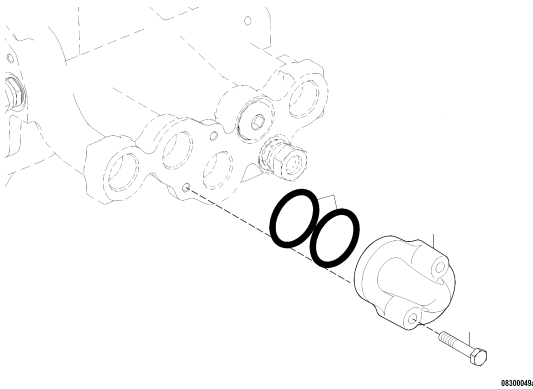
FG/FGS: 083

GROUP NUMBER (FG)

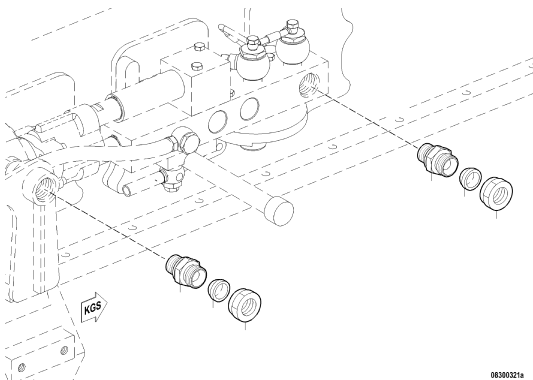
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BOM-No.

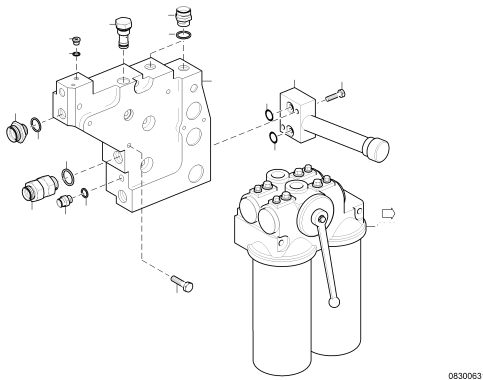
SEAL ELEM.
080.00094

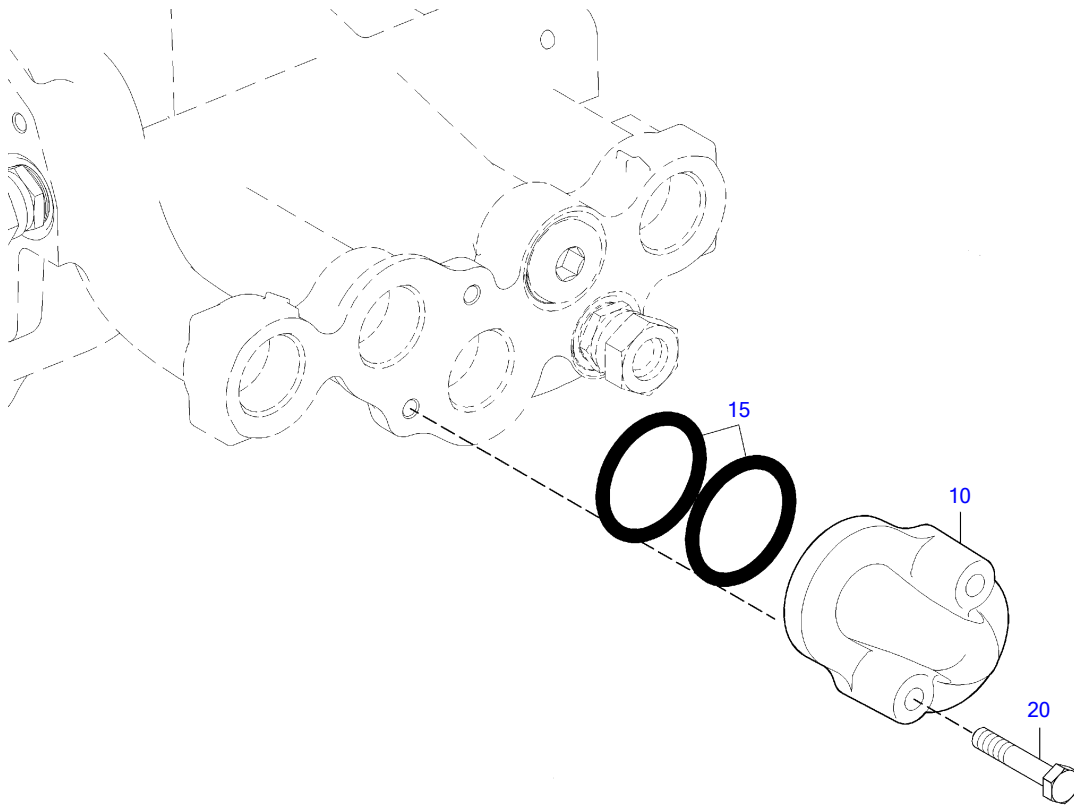


CONNECTING HARDWARE FOR FUEL LINE
080.00130



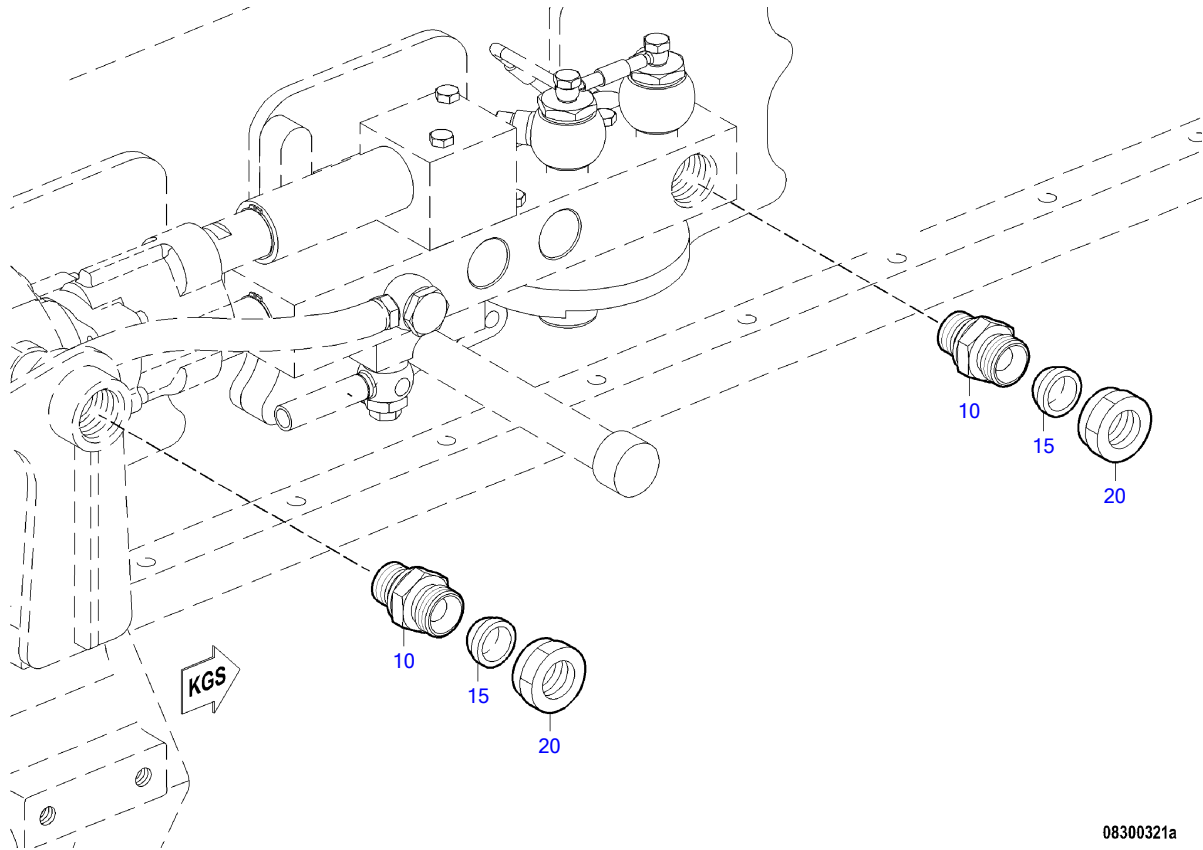
FUEL FILTER
XS596080.00009





08300049a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	5240920024	ELBOW FOR FUEL	1	PC			
15	700429042000	O-RING	2	PC	6,400 G	42 X 5	MMN429
20	304017008086	BOLT HEX A3C	2	PC	19,400 G	M 8 X 45	ISO4017



08300321a

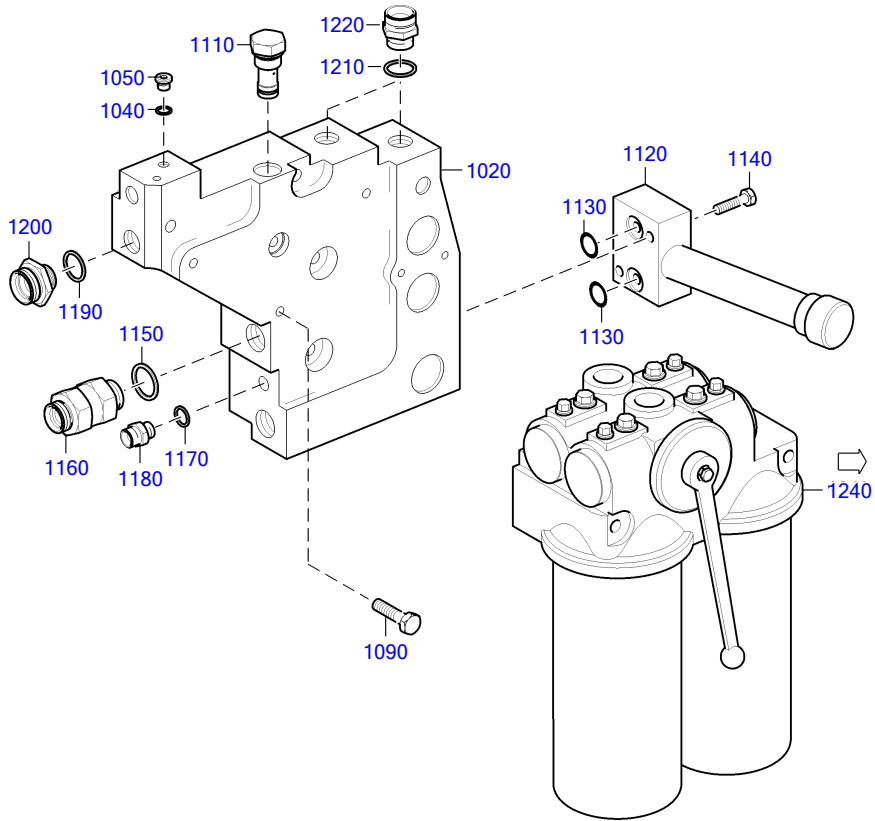
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	735211022001	UNION 22MM	1	PC	0,174 KG	22M 33 X 2	MTN5211
15	915003020202	BALL-TYPE UNION	1	PC		B2 -22	MBN15003
20	915001020003	NUT	1	PC	48 G	20 M 30 X 1,5	N15001

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
FUEL FILTER

SERIAL NUMBER: 527110279

FG/FGS: 083 05
BOM-No.: XS596080.00009



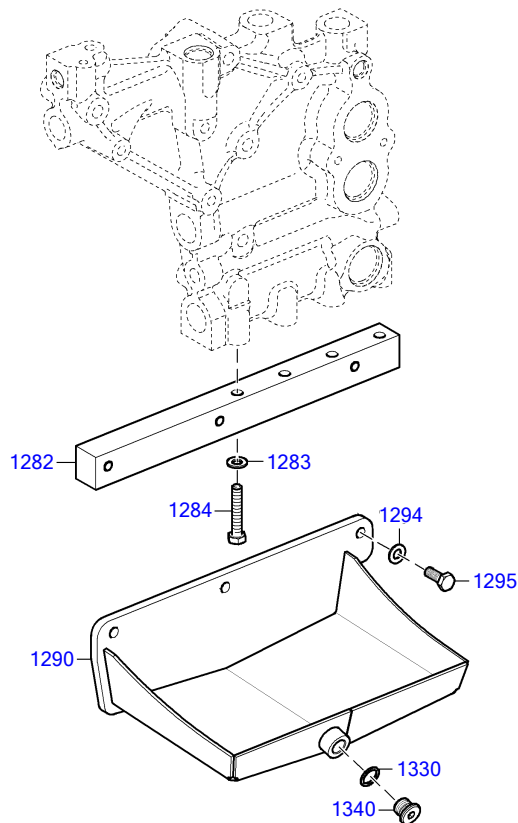
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EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
FUEL FILTER

SERIAL NUMBER: 527110279

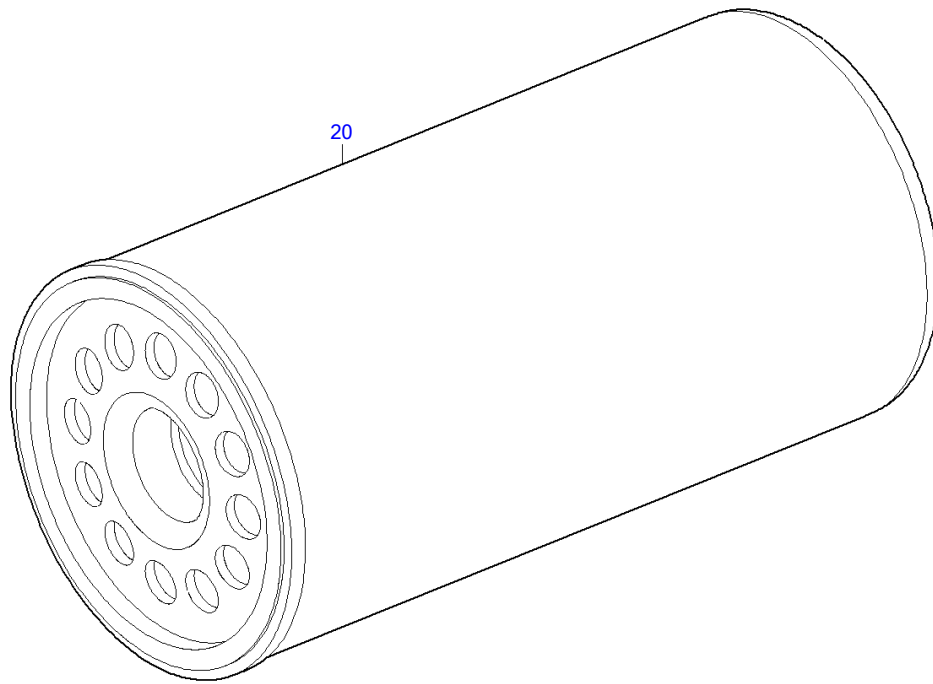
FG/FGS: 083 05
BOM-No.: XS596080.00009



08300632

FUEL FILTER

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
1020	X59308300024	RETAINER	1	PC	9,490 KG			
1040	007603010110	WASHER A COP	5	PC	0,300 G		A 10 X 13,5	DIN7603
1050	000908010002	SCREWED PLUG	5	PC	6,800 KG		M 10 X 1	DIN908
1090	204017010026	HEX SCREW	4	PC	52,100 G		M 10 X 85	ISO4017
1110	X59308300012	VALVE WITH BAFFLE	1	PC	132 G			
1120	X52408100009	FUEL PRIMING PUMP	1	PC				
1130	700429016003	O-RING	2	PC	1 G		16 X 3	MMN429
1135	000125008427	WASHER	2	PC	1,500 G		A 8,4	DIN125
1140	304017008087	BOLT HEX	2	PC	4,263 G		M 8 X 50	ISO4017
1150	007603026101	WASHER A COP	1	PC	3,700 G		A 26 X 32	DIN7603
1160	735080018200	VALVE CHECK 0.2 BAR RHDK 18-L 0.2	1	PC	315 G		RHDK 18-L 0,2	MTN5080
1170	007603014102	COPPER SEALING RING	1	PC	1 G		A 14 X 18	DIN7603
1180	915013008002	SCREW NECK	1	PC	24 G		8 (M16X1,5/M14X1,5)	N15013
1190	007603022102	COPPER SEALING RING	1	PC	0,900 G		A 22 X 27	DIN7603
1200	915007020000	ADAPTOR	1	PC	84 G		20 / 13 (M30X1,5/M22X1,5)	N15007
1210	007603022102	COPPER SEALING RING	2	PC	0,900 G		A 22 X 27	DIN7603
1220	915013016002	UNION	2	PC			16	N15013
1240	X59308300034	FUEL FILTER	1	PC	17,300 KG	EM		
1282	X59608300027	MOUNTING PLATE	1	PC				
1283	000125008427	WASHER	4	PC	1,500 G		A 8,4	DIN125
1284	304017008086	BOLT HEX A3C	4	PC	19,400 G		M 8 X 45	ISO4017
1290	X59608300026	COLLECTING TROUGH	1	PC	2,900 KG			
1294	000125008427	WASHER	3	PC	1,500 G		A 8,4	DIN125
1295	304017008079	BOLT HEX	3	PC	12,370 G		M 8 X 20	ISO4017
1330	007603014102	COPPER SEALING RING	1	PC	1 G		A 14 X 18	DIN7603
1340	000908014001	THREAD PLUG	1	PC	16,100 KG		M 14 X 1,5	DIN908



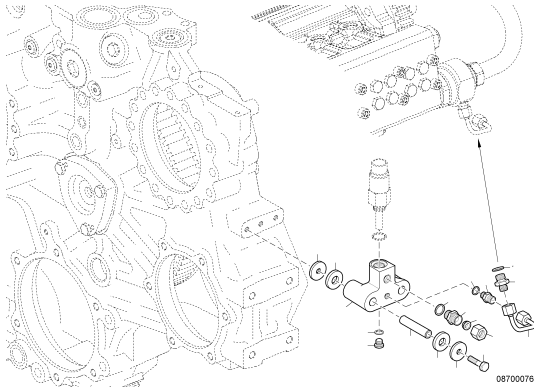
08300567a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
20	X59308300031	FUEL FILTER SPIN-ON	2	PC	1,300 KG

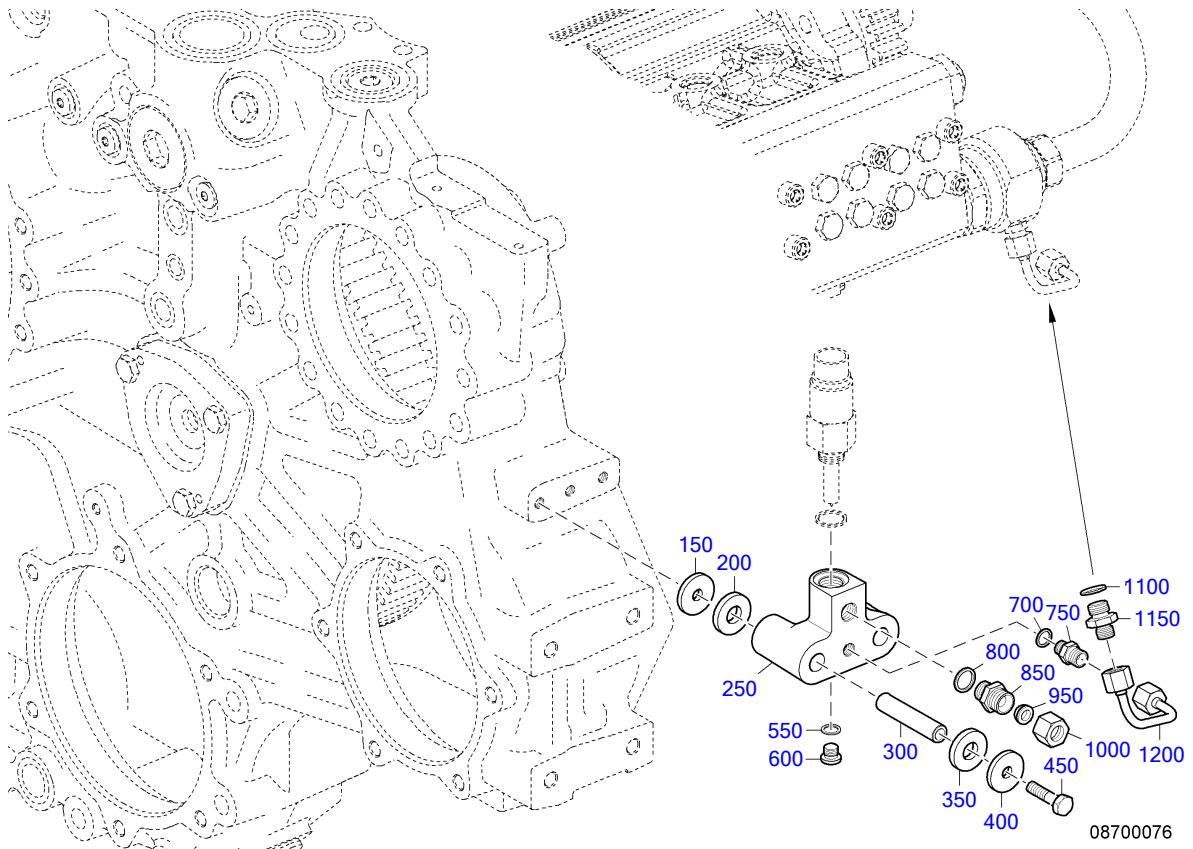
GROUP NUMBER (FG)

GROUP NAME

BOM-No.



FUEL LEAK MONITORING
XS547080.00020

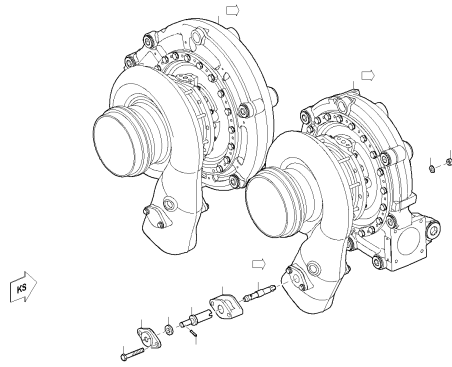


POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
150	X59399100034	WASHER	2	PC	20 G			
200	X59399100051	DAMPER ELEMENT	2	PC	4 G		30X13X5 90SH	
250	X59308700006	LECKA-SENSORHOUSING	1	PC				
300	X59399100036	SPACER SLEEVE	2	PC	100 G		8,5 X 62	
350	X59399100051	DAMPER ELEMENT	2	PC	4 G		30X13X5 90SH	
400	X59399100034	WASHER	2	PC	20 G			
450	304014008032	BOLT HEX A3C S2000/4000	2	PC	35 G		M 8 X 80	ISO4014
550	007603010110	WASHER A COP	1	PC	0,300 G		A 10 X 13,5	DIN7603
600	000908010002	SCREWED PLUG	1	PC	6,800 KG		M 10 X 1	DIN908
700	007603010110	WASHER A COP	1	PC	0,300 G		A 10 X 13,5	DIN7603
750	915013004002	UNION	1	PC	14,220 G		4	N15013
800	007603014102	COPPER SEALING RING	1	PC	1 G		A 14 X 18	DIN7603
850	915006006002	UNION	1	PC	23,200 G		6	N15006
950	915005006000	CONE SEALING 8	1	PC	3,100 G		8	MBN15005
1000	915001006003	NUT	1	PC	12,500 G		6 M 14 X 1,5	N15001
1100	007603014102	COPPER SEALING RING	1	PC	1 G		A 14 X 18	DIN7603
1150	915007006003	CONNECTOR 6/4	1	PC	22,500 G		6 / 4 (M14X1,5/M12X1,5)	N15007
1200	X54708700001	FUEL LINE	1	PC		SB		

GROUP NUMBER (FG)

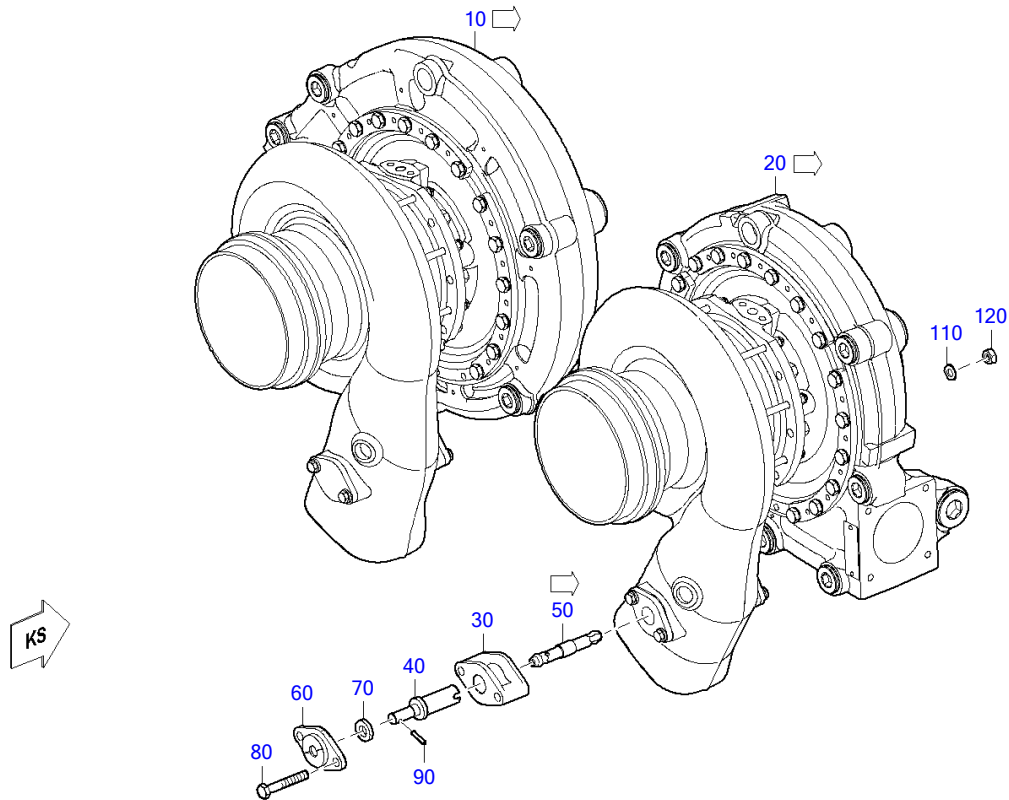
GROUP NAME

BOM-No.



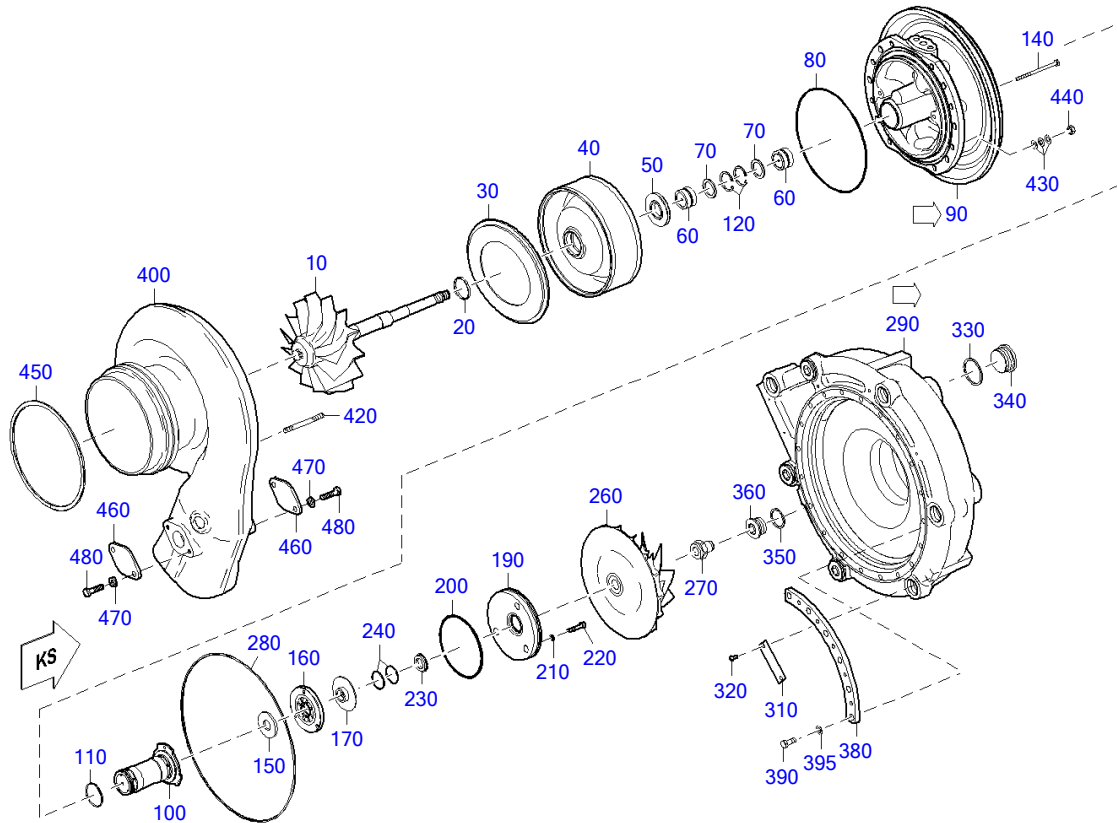
EXHAUST TURBOCHARGER
XS595100.00019

10102119a



10102119a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	X59510100077	EXHAUST TURBOCHARGER LEFT INACTIVE	ZR195	1	PC	104,073 KG	EM		
20	X59510100078	EXHAUST TURBOCHARGER RIGHT ACTIVE	ZR195	1	PC	93,700 KG	EM		
30	5261420250	BEARING BUSHING		1	PC				
40	5261420629	SHAFT		1	PC	208 G			
50	X59610100123	SHAFT		1	PC				
60	5261420060	FLANGE SEALING		1	PC				
70	5591420451	RING SEALING		1	PC	3,360 G			
80	304017010032	HEX SCREW		2	PC	43 G		M 10 X 65	ISO4017
110	000125010524	WASHER		12	PC	3,100 G		A 10,5	DIN125
120	000934010007	NUT HEX		12	PC	10,300 G		M 10	DIN934
140	RX59510100077	EXHAUST TURBOCHARGER LEFT INACTIVE	ZR195/091	1	PC	104,073 KG	MN EM		
150	RX59510100078	EXHAUST TURBOCHARGER RIGHT ACTIVE	ZR195/092	1	PC	93,700 KG	MN EM		
170	EX59510100077	EXHAUST TURBOCHARGER LEFT INACTIVE		1	PC		MN EM		
180	EX59510100078	EXHAUST TURBOCHARGER RIGHT ACTIVE		1	PC		MN EM		



10102118a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	5110805220	TURBINE WHEEL	180/23/153/83,9CM²	1	PC	5,700 KG	EM		
20	5110850560	RING SEAL	FUER ABGASTURBOLADER	1	PC	6,300 G			
30	5110813403	SHIELD HEAT TURBO		1	PC	1,360 KG			
40	5110821302	HOUSING COVER		1	PC	3,779 KG			
50	5110251976	WASHER	ZR205	1	PC	70,100 G			
60	X00016599	BEARING BUSHING		2	PC	72,900 G			
70	X59599100058	WASHER		2	PC	8 G			
80	700429185001	O-RING		1	PC	8,990 G	185 X 3		MMN429
90	X59610100159	BEARING HOUSING		1	PC	13,500 KG			
100	X59610100061	BEARING BODY		1	PC	429,200 G			
110	700429038002	O-RING		1	PC	0,940 G	38 X 2		MMN429
120	5119940041	RING SNAP		2	PC	2,900 G	34 X 1,5		DIN472
140	000000001781	HEX SCREW		2	PC	20,700 G	M 6 X 90		ISO4014
150	X00010427	WASHER		1	PC	71 G			
160	X59610100101	THRUST BEARING		1	PC				
170	X00010428	WASHER		1	PC	60 G			
190	X59610100232	RETAINING RING		1	PC	1,300 KG			
200	700429105001	O-RING		1	PC	7,520 G	105 X 3,5		MMN429
210	200433006400	WASHER		3	PC	0,700 G	6,4		DIN433
220	000912006028	SCREW		3	PC	7,970 G	M 6 X 30		DIN912
230	X00010426	RING CARRIER		1	PC	20,200 G			
240	5100850060	RING SEAL		2	PC	2 G			
260	X00041766	COMPRESSOR WHEEL	12V4000 -03	1	PC	3,122 KG	EM	130/11,2/205	
270	X00018307	MAGNETIC NUT	MM16-16L-2	1	PC	93 G		M16X1.5 LH	
280	0239978348	RING SEAL		1	PC	22,300 G			

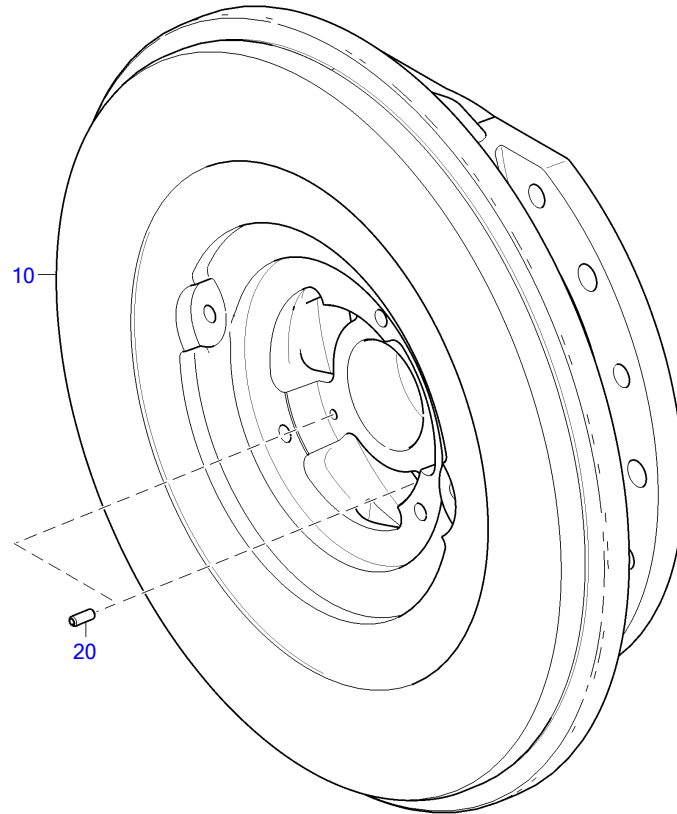
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
EXHAUST TURBOCHARGER LEFT INACTIVE

SERIAL NUMBER: 527110279

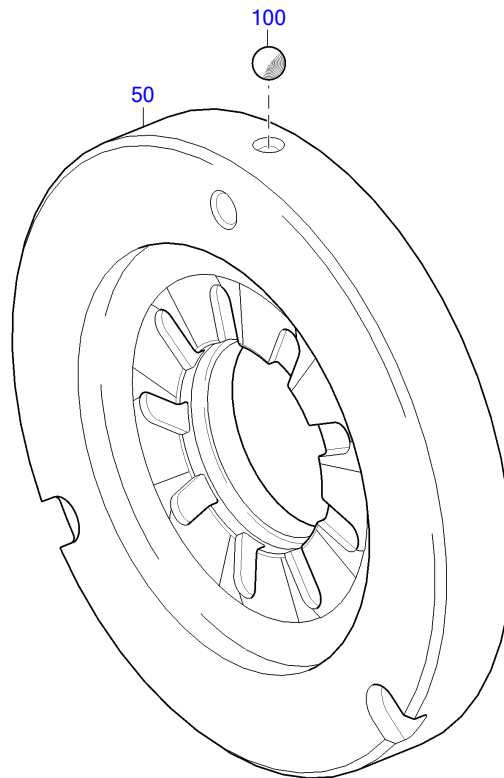
FG/FGS:
BOM-No.: X59510100077

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
290	X59410100034	COMPRESSOR HOUSING	A/R=2.36CM	1	PC	46,600 KG	EM		
310	700425000049	PLATE		1	PC	3,900 G	39		MMN425
320	215977003000	BLIND RIVET		2	PC	1 G	3X8		ISO15977
330	007603042101	COPPER SEALING RING		4	PC	8 G		A 42 X 49	DIN7603
340	000908042001	THREAD PLUG		4	PC	184 KG		M 42 X 1,5	DIN908
350	007603030101	COPPER SEALING RING		3	PC			A 30 X 36	DIN7603
360	000908030002	THREAD PLUG		3	PC	85,500 KG		M 30 X 1,5	DIN908
380	X59610100201	CLAMP FOR COMPR. HOUSING		3	PC				
390	000933010026	BOLT HEX		18	PC	24 G		M 10 X 22	DIN933
395	200433010501	WASHER		18	PC	2 G		10,5	DIN433
400	X59410100035	TURBINE HOUSING	A/R=3.3CM	1	PC	22 KG	EM		
420	200835008006	STUD		8	PC	33 G		M 8 X 75	DIN835
430	002093016100	WASHER A16		24	PC	1,030 G		A 16	DIN2093
440	5069900251	NUT		8	PC	6,600 G			
450	234110200000	PISTON RING, COMP.		1	PC	110 G		200 X 3,5 G7 KI KA	DIN34110
460	X52810100005	BLIND FLANGE		2	PC	185 G			
470	5379900140	WASHER		4	PC	5 G			
480	200933008016	BOLT AH HEX		4	PC	14,800 G		M 8 X 25	DIN933



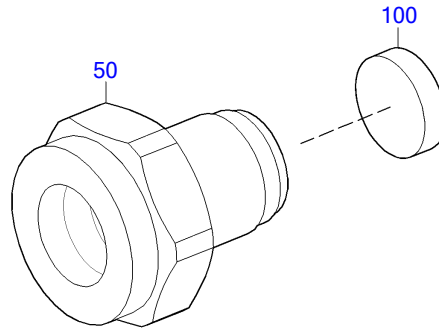
10000084a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	X59610100158	BEARING HOUSING	1	PC	14,385 KG		
20	001481004000	PIN SPRING	2	PC	0,650 G	4 X 10 - N	ISO8752



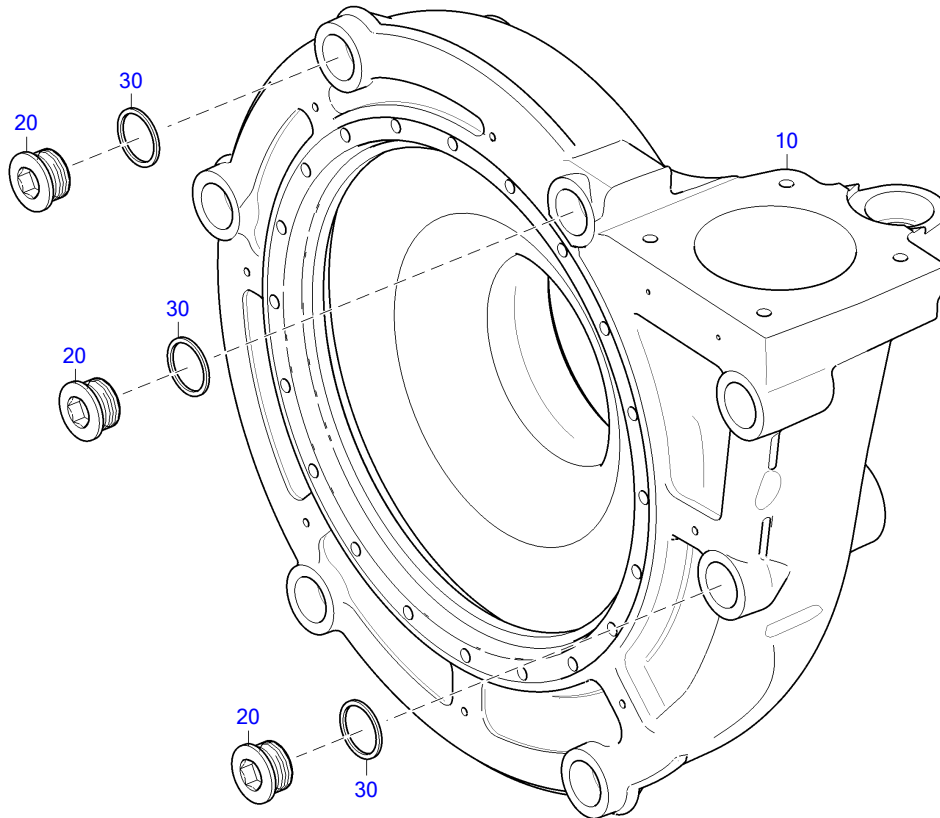
10101221a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	X59610100099	THRUST BEARING	1	PC			
100	005401304000	BALL	1	PC	0,300 G	4G20	DIN5401



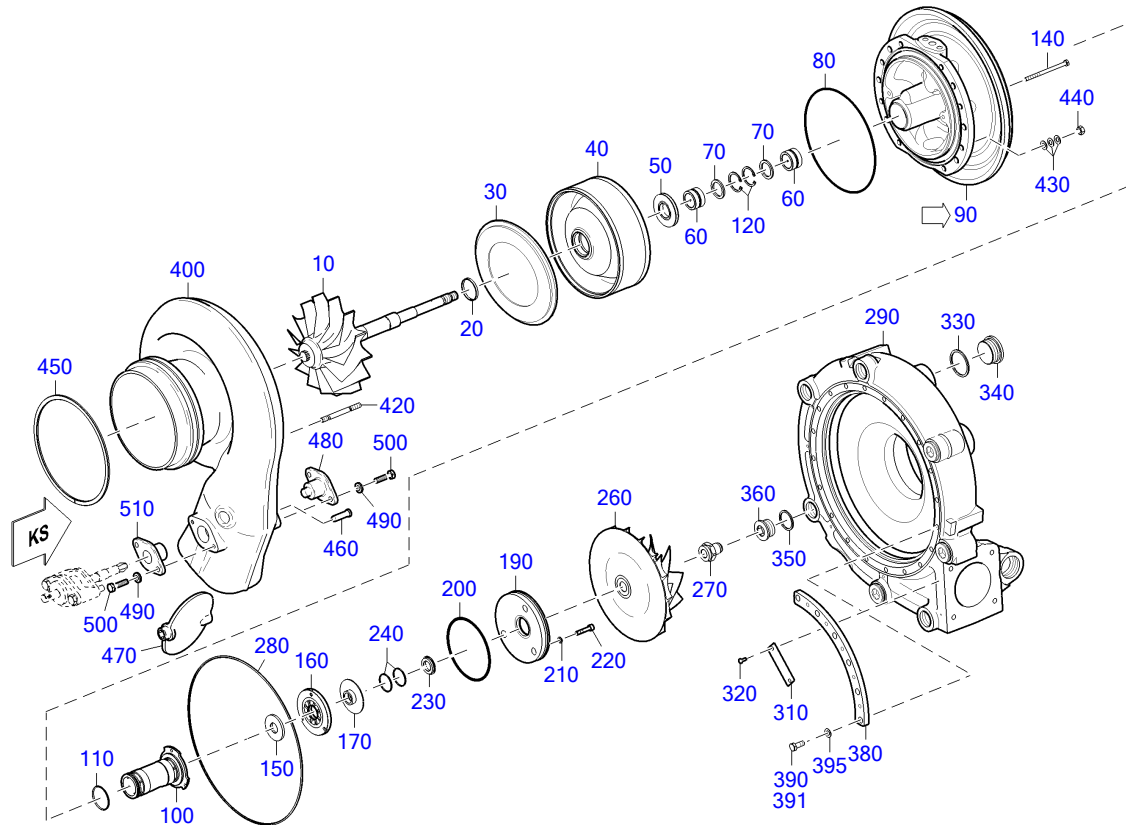
10100716b

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT
50	X00018306	MAGNETIC NUT	1	PC	87 G	M16X1.5 LH
100	0005595609	SOLENOID	1	PC		



10101238a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	X59410100033	COMPRESSOR HOUSING	A/R=2.36CM	1	PC		EM		
20	000908030002	THREAD PLUG		3	PC	85,500 KG		M 30 X 1,5	DIN908
30	007603030101	COPPER SEALING RING		3	PC			A 30 X 36	DIN7603



10101239a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	X00004664	TURBINE WHEEL	158/20/135/69CM ²	1	PC	4,400 KG	SB EM		
20	5110850560	RING SEAL	FUER ABGASTURBOLADER	1	PC	6,300 G			
30	5110813403	SHIELD HEAT TURBO		1	PC	1,360 KG			
40	5110821302	HOUSING COVER		1	PC	3,779 KG			
50	5110251976	WASHER	ZR205	1	PC	70,100 G			
60	X00016599	BEARING BUSHING		2	PC	72,900 G			
70	X59599100058	WASHER		2	PC	8 G			
80	700429185001	O-RING		1	PC	8,990 G	185 X 3		MMN429
90	X59610100161	BEARING HOUSING		1	PC	14,593 KG			
100	X59610100061	BEARING BODY		1	PC	429,200 G			
110	700429038002	O-RING		1	PC	0,940 G	38 X 2		MMN429
120	5119940041	RING SNAP		2	PC	2,900 G	34 X 1,5		DIN472
140	000000001781	HEX SCREW		2	PC	20,700 G	M 6 X 90		ISO4014
150	X00010427	WASHER		1	PC	71 G			
160	X59610100101	THRUST BEARING		1	PC				
170	X00010428	WASHER		1	PC	60 G			
190	X59610100232	RETAINING RING		1	PC	1,300 KG			
200	700429105001	O-RING		1	PC	7,520 G	105 X 3,5		MMN429
210	200433006400	WASHER		3	PC	0,700 G	6,4		DIN433
220	000912006028	SCREW		3	PC	7,970 G	M 6 X 30		DIN912
230	X00010426	RING CARRIER		1	PC	20,200 G			
240	5100850060	RING SEAL		2	PC	2 G			
260	X59410100015	COMPRESSOR WHEEL	ZR175	1	PC	1,395 KG	EM	117/10.7/179	
270	X00018307	MAGNETIC NUT	MM16-16L-2	1	PC	93 G		M16X1.5 LH	
280	0239978348	RING SEAL		1	PC	22,300 G			

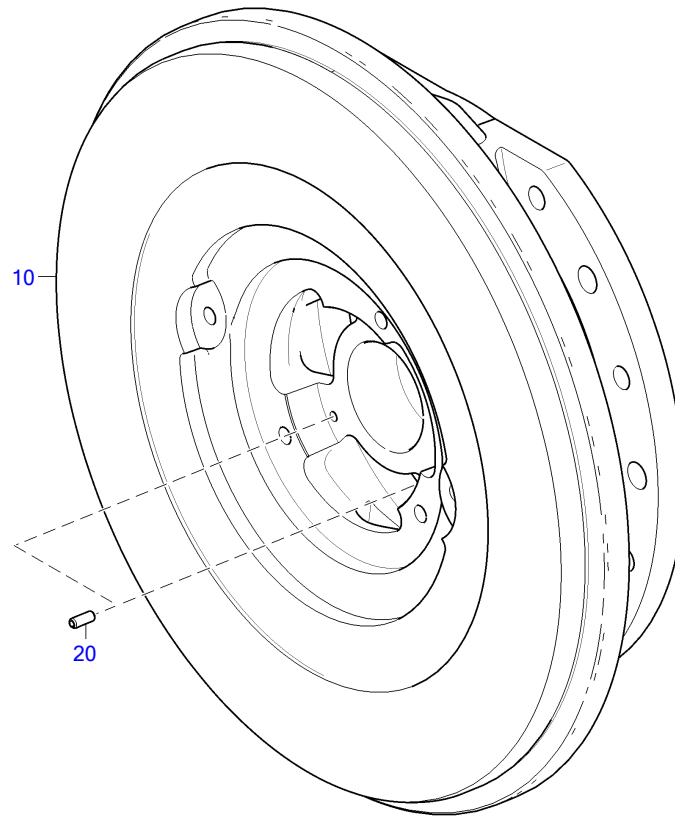
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
EXHAUST TURBOCHARGER RIGHT ACTIVE

SERIAL NUMBER: 527110279

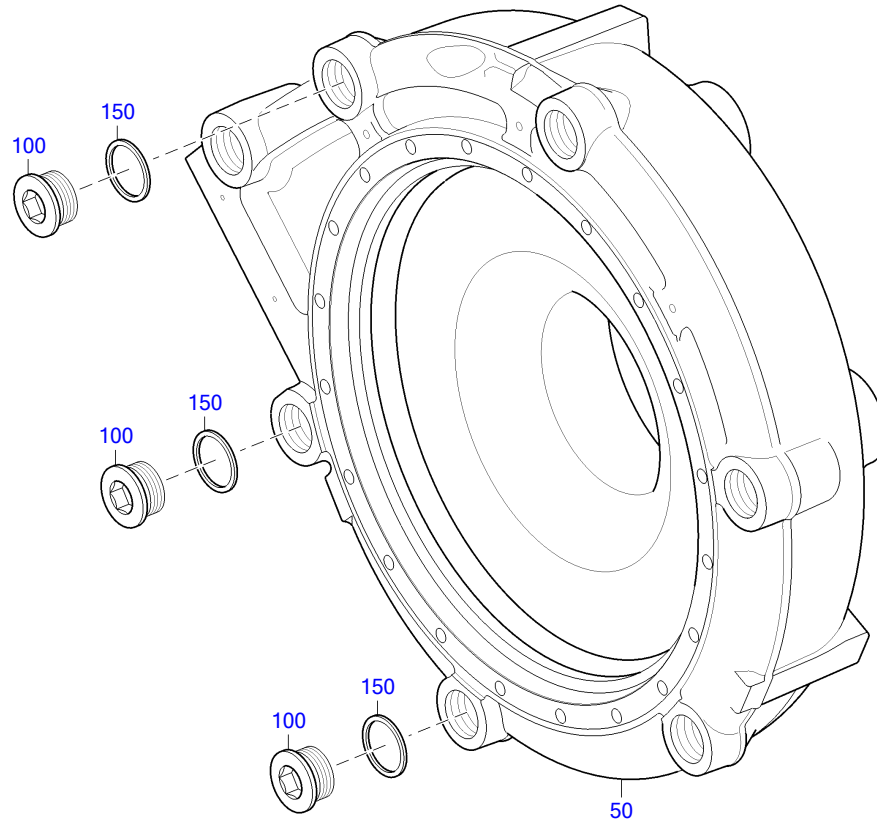
FG/FGS:
BOM-No.: X59510100078

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
290	X59410100084	COMPRESSOR HOUSING	A/R=1.91CM	1	PC	36,278 KG	EM	A/R=1.91CM	
310	700425000049	PLATE		1	PC	3,900 G		39	MMN425
320	215977003000	BLIND RIVET		2	PC	1 G		3X8	ISO15977
330	007603042101	COPPER SEALING RING		4	PC	8 G		A 42 X 49	DIN7603
340	000908042001	THREAD PLUG		4	PC	184 KG		M 42 X 1,5	DIN908
350	007603030101	COPPER SEALING RING		3	PC			A 30 X 36	DIN7603
360	000908030002	THREAD PLUG		3	PC	85,500 KG		M 30 X 1,5	DIN908
380	X59610100201	CLAMP FOR COMPR. HOUSING		3	PC				
390	000933010026	BOLT HEX		18	PC	24 G		M 10 X 22	DIN933
395	200433010501	WASHER		18	PC	2 G		10,5	DIN433
400	X00033650	TURBINE HOUSING	A/R=3,2CM; A=46.7CM2	1	PC	21,180 KG	EM		
420	200835008006	STUD		8	PC	33 G		M 8 X 75	DIN835
430	002093016100	WASHER A16		24	PC	1,030 G		A 16	DIN2093
440	5069900251	NUT		8	PC	6,600 G			
450	234110200000	PISTON RING, COMP.		1	PC	110 G		200 X 3,5 G7 KI KA	DIN34110
460	X52810100078	PIN		1	PC	23 G		13X35.5	
470	X59610100163	EXHAUST FLAP		1	PC		EM		
480	X00040708	BUSHING		1	PC	330 G			
490	5379900140	WASHER		4	PC	5 G			
500	200933008016	BOLT AH HEX		4	PC	14,800 G		M 8 X 25	DIN933
510	X00040711	BUSHING		1	PC	205 G			



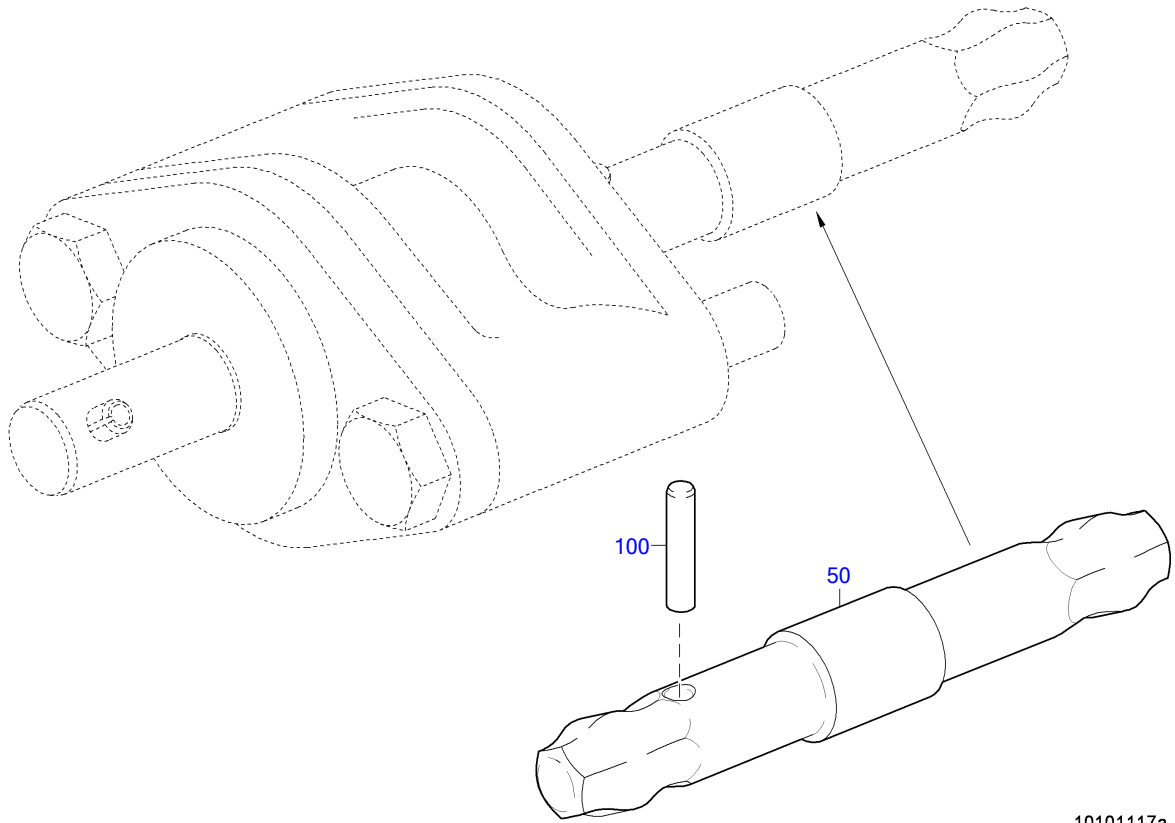
10000084a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	X59610100160	BEARING HOUSING	1	PC	14,592 KG		
20	001481004000	PIN SPRING	2	PC	0,650 G	4 X 10 - N	ISO8752



10101222a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
50	X59410100076	COMPRESSOR HOUSING	A/R=1.91CM	1	PC		EM	A/R=1.91CM	
100	000908030002	THREAD PLUG		3	PC	85,500 KG		M 30 X 1,5	DIN908
150	007603030101	COPPER SEALING RING		3	PC			A 30 X 36	DIN7603



POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
50	X59610100122	SHAFT	1	PC	
100	5269970010	PIN DOWEL	1	PC	4,500 G

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CHARGE AIR COOLING, GENERAL, LEFT SIDE

SERIAL NUMBER: 527110279
FG/FGS: 111

GROUP NUMBER (FG)

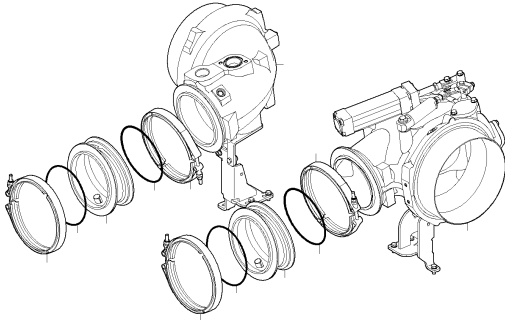
GROUP NAME

BOM-No.

INTERCOOLER
XS594110.00041

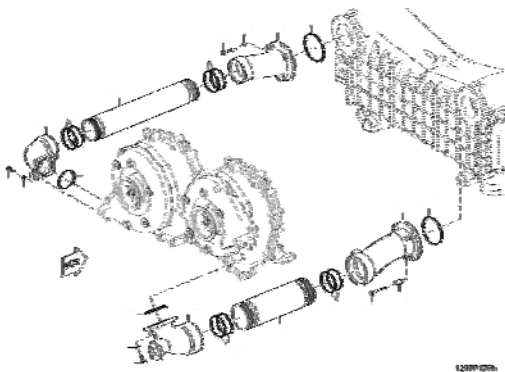
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
150	X59511400012/87	INTERCOOLER WITH TEST CERT. 3.1	1	PC		EM		
250	5240980730	BRACKET	1	PC	11,700 KG			
300	5240980830	BRACKET	1	PC	11,740 KG			
400	000000002276	HEX SCREW	6	PC	173 G		M 16 X110	ISO4017
450	5249900140	WASHER	6	PC	13,250 G			
550	5249901901	BOLT LRG FLG HEX HD	2	PC				
600	5249900304	BOLT HVY HEX FLG S4000/S60	4	PC			M12 X 65	
700	X59611400014	SUPPORT FOR INTERCOOLER	1	PC				
800	200433010501	WASHER	6	PC	2 G		10,5	DIN433
900	304017010032	HEX SCREW	6	PC	43 G		M 10 X 65	ISO4017
1000	000939012031	STUD	8	PC			M 12 X 45	DIN939
1050	000000004744	HEX NUT	8	PC	32 G		M 12	ISO4032
1150	5240983015	ELBOW	1	PC	6,200 KG	EM	KRÜMMER LINKE SEITE	
1200	735210014000	THREAD PLUG	2	PC	19,100 KG		M 14 X 1,5	MTN5210
1220	735210018000	PLUG	1	PC	35,800 KG		M 18 X 1,5	MTN5210
1300	5240983115	ELBOW	1	PC	4,500 KG	EM	KRÜMMER RECHTE SEITE	
1350	735210014000	THREAD PLUG	2	PC	19,100 KG		M 14 X 1,5	MTN5210
1400	735210018000	PLUG	1	PC	35,800 KG		M 18 X 1,5	MTN5210
1420	700429140000	O-RING	1	PC	51 G		140 X 8	MMN429
1500	5269970045	SEAL RING (SQUARE CUT) CAC OUTLET	2	PC	16,390 G			
1550	204017012009	HEX SCREW	8	PC	45 G	MN	M 12 X 40	ISO4017
1600	735151012100	SPACER S2000/4000	8	PC	20 G		A 12,5	MTN5151
1650	EX59511400012/87	INTERCOOLER WITH TEST CERT. 3.1	1	PC	516 KG	MN EM		

GROUP NUMBER (FG)
GROUP NAME
BOM-No.



AIR SYSTEM BEFORE TURBOCHARGER
XS526120.00050

12300518a



AIR PIPING BEFORE INTERCOOLER
XS595120.00024

12300518b

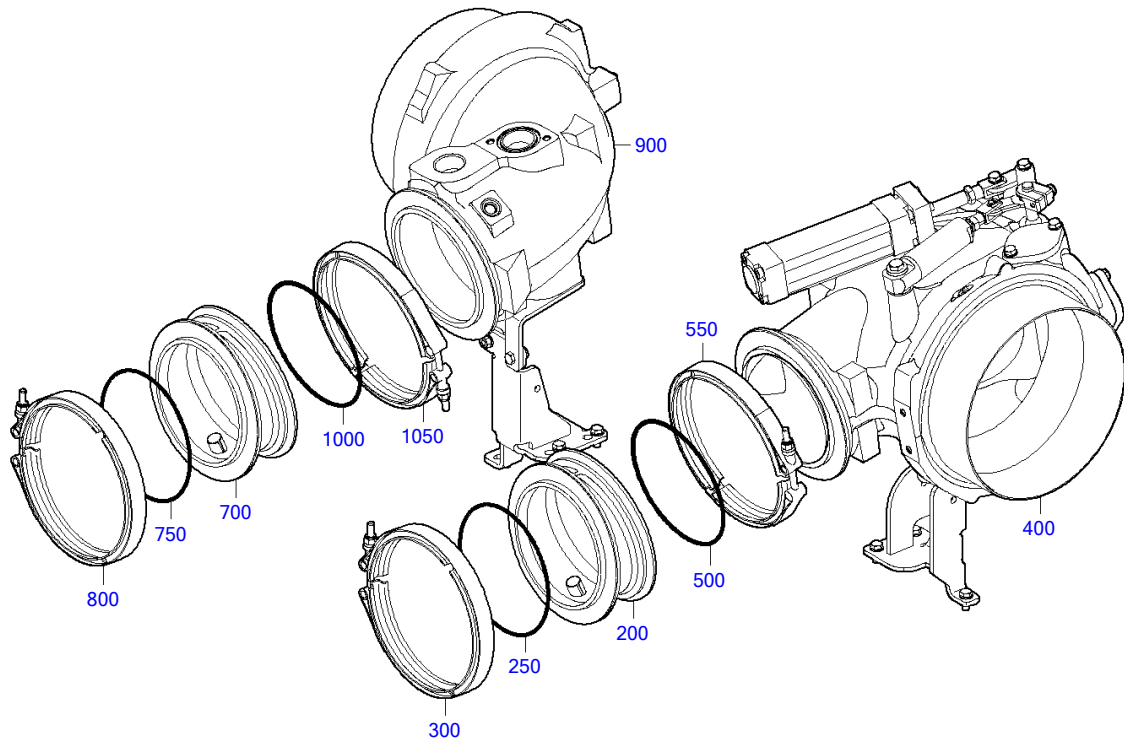
DIVERTER VALVE
XS595120.00043

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
AIR SYSTEM BEFORE TURBOCHARGER

SERIAL NUMBER: 527110279

FG/FGS: 120 00
BOM-No.: XS526120.00050



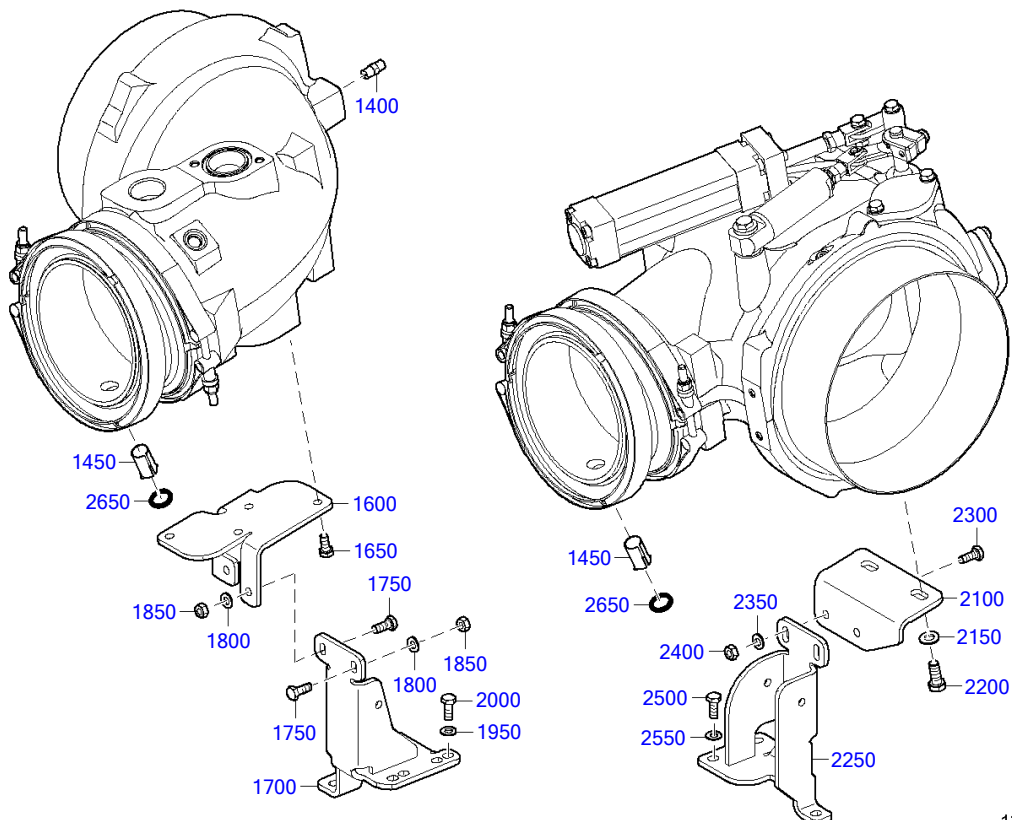
12300518a

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
AIR SYSTEM BEFORE TURBOCHARGER

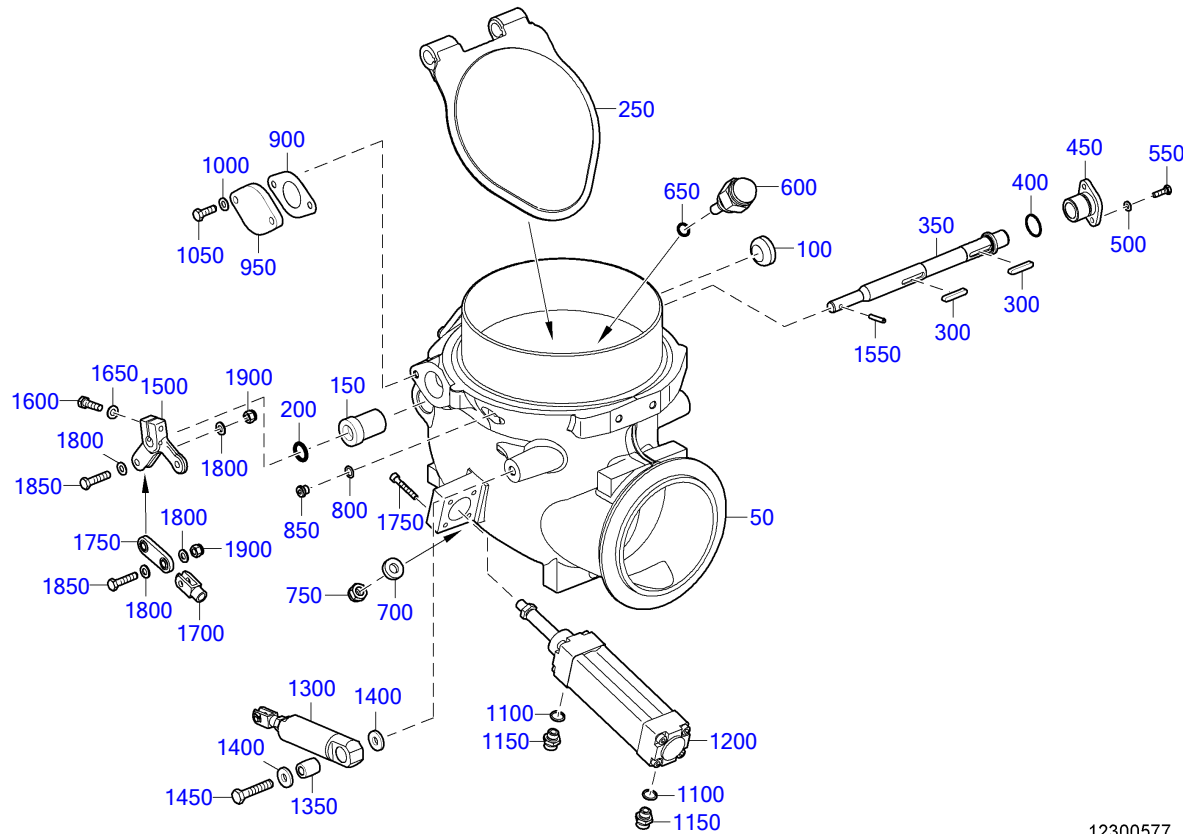
SERIAL NUMBER: 527110279

FG/FGS: 120 00
BOM-No.: XS526120.00050



12300519a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
200	X52612300083	REDUCER		1	PC		EM		
250	700429160001	O-RING		1	PC	14 G		160 X 4	MMN429
300	0049978190	CLAMP		1	PC	601 G			
400	X52612300097	INTAKE HOUSING		1	PC	16,740 KG	EM		
500	700429160001	O-RING		1	PC	14 G		160 X 4	MMN429
550	0049978190	CLAMP		1	PC	601 G			
700	X52612300083	REDUCER		1	PC		EM		
750	700429160001	O-RING		1	PC	14 G		160 X 4	MMN429
800	0049978190	CLAMP		1	PC	601 G			
900	X52612300106	INTAKE HOUSING	HORIZONTAL	1	PC	7,880 KG	EM		
1000	700429160001	O-RING		1	PC	14 G		160 X 4	MMN429
1050	0049978190	CLAMP		1	PC	601 G			
1400	0009973375	ADAPTER FITTING W/SINTERED FLTR		1	PC	13 G			
1450	3555420273	BUSHING FOR SPEED SENSOR		2	PC	6,180 G			
1470	700429015001	O-RING		2	PC			15,5 X 4,5	MMN429
1600	X59599100100	RETAINER		1	PC	855 G			
1650	204017008009	BOLT		4	PC	11 G		M 8 X 18	ISO4017
1700	X59599100099	RETAINER		1	PC	2,500 KG			
1750	304017008083	BOLT HEX A3C		2	PC	15 G		M 8 X 30	ISO4017
1800	007349008002	WASHER		4	PC	8,300 G	8,4		DIN7349
1850	304032008014	NUT HEX 8 A3C		2	PC	4,800 G	M 8		ISO4032
1950	007349008002	WASHER		4	PC	8,300 G	8,4		DIN7349
2010	304017008081	HEX BOLT		4	PC	13,500 G		M 8 X 25	ISO4017
2100	X59599100101	RETAINER		1	PC	1,115 KG			
2150	007349010002	WASHER		2	PC	11 G		10,5	DIN7349
2200	000000001464	BOLT HEX A3C		2	PC	25 G		M 10 X 30	ISO4017
2250	X59599100142	RETAINER		1	PC	3,514 KG			
2300	304017008083	BOLT HEX A3C		2	PC	15 G		M 8 X 30	ISO4017
2350	007349008002	WASHER		4	PC	8,300 G	8,4		DIN7349
2400	304032008014	NUT HEX 8 A3C		2	PC	4,800 G	M 8		ISO4032
2500	304017008081	HEX BOLT		3	PC	13,500 G		M 8 X 25	ISO4017
2550	007349008002	WASHER		5	PC	8,300 G	8,4		DIN7349
2600	304017008083	BOLT HEX A3C		2	PC	15 G		M 8 X 30	ISO4017
2650	5900942853	SPACER SLEEVE		2	PC	6,100 G			



12300577

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
50	X52612300096	INTAKE HOUSING	HORIZONTAL/GESCHALTET	1	PC	8,800 KG	EM		
100	700088036000	PLUG		1	PC	16,830 G	36		MMN88
150	5350980050	BUSHING		1	PC	187,500 G			
200	700429018005	O-RING		1	PC	1,900 G	18 X 4		MMN429
250	5240900265	FLAP		1	PC	1,268 KG			
300	006885006045	KEY WOODRUFF A		1	PC		A 6 X 6 X 36		DIN6885
325	206885006000	KEY		1	PC		A 6 X 6 X 40		DIN6885
350	X59499100582	SHAFT		1	PC	0,600 KG			
400	700429025001	O-RING		1	PC	1 G	25 X 2,5		MMN429
450	5590981750	FLANGE		1	PC	190 G			
500	000125006431	WASHER		2	PC	0,900 G	A 6,4		DIN125
550	000000001444	BOLT HEX A3C		2	PC	6 G	M 6 X 20		ISO4017
600	X00034972	STOP		1	PC	355 G			
650	700429012004	O-RING		1	PC	0,840 G	12 X 3		MMN429
700	735151012100	SPACER S2000/4000		1	PC	20 G	A 12,5		MTN5151
750	999900012000	NUT		1	PC	19 G	M 12		AGGN14440
800	007603010112	SEALING RING		1	PC	0,730 G	A 10 X 15		DIN7603
850	000908010002	SCREWED PLUG		1	PC	6,800 KG	M 10 X 1		DIN908
900	X00014409	GASKET		2	PC	4,400 G			
950	5592030286	COVER		2	PC				
1000	000125008427	WASHER		4	PC	1,500 G	A 8,4		DIN125
1050	304017008081	HEX BOLT		4	PC	13,500 G	M 8 X 25		ISO4017
1100	007603014102	COPPER SEALING RING		2	PC	1 G	A 14 X 18		DIN7603
1150	700419999021	SCREW-FITTING UNION		2	PC	25 G	10 G 1/4 A		MMN419
1200	X56912300043	ACTUATING CYLINDER		1	PC	1,300 KG			

EQUI TYPE: Engine

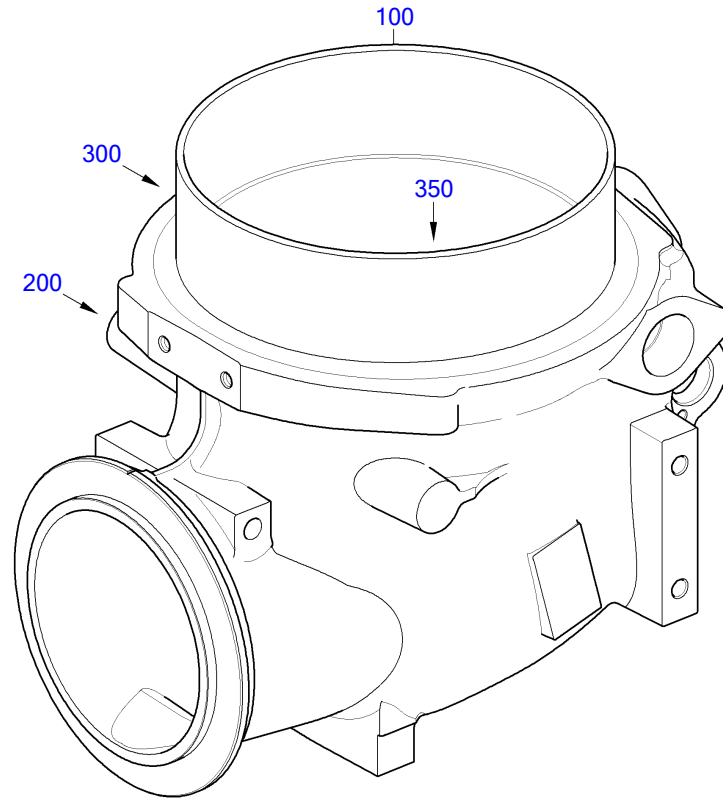
PRODUCT TYPE: 16V4000M23S
INTAKE HOUSING

SERIAL NUMBER: 527110279

FG/FGS: 120 00

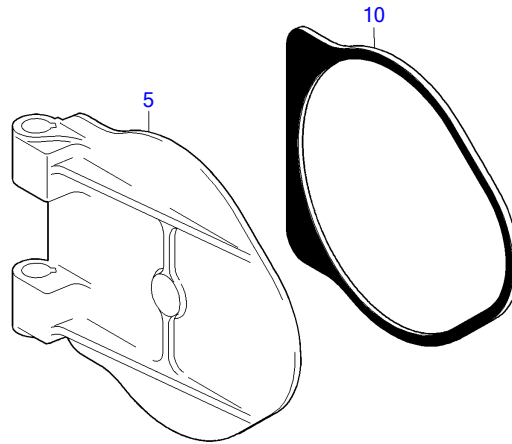
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POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
1250	000912006031	SCREW		4	PC	10,260 G		M 6 X 40	DIN912
1300	5260900009	CYLINDER	BR4000	1	PC				
1350	5360980250	BUSHING		1	PC				
1400	007349010002	WASHER		2	PC	11 G		10,5	DIN7349
1450	000000003693	HEX SCREW		1	PC	36,200 G		M 10 X 50	ISO4017
1500	X59612300026	LEVER		1	PC				
1550	001481005004	SPRING PIN		1	PC			5 X 28 - N	ISO8752
1600	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
1650	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125
1700	X00041795	CLEVIS		1	PC	40,600 G			
1750	5361400146	ROD		1	PC	66 G			
1800	000125008427	WASHER		4	PC	1,500 G		A 8,4	DIN125
1850	304017008084	BOLT HEX A3C		2	PC	16,565 G		M 8 X 35	ISO4017
1900	5069900251	NUT		2	PC	6,600 G			



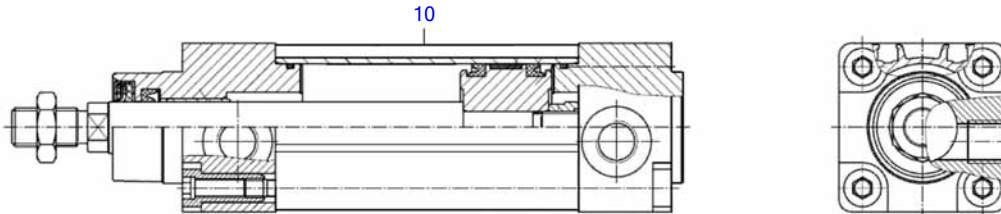
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POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN
100	X52612300095	INTAKE HOUSING	HORIZONTAL/GESCHALTET	1	PC	8,800 KG	EM



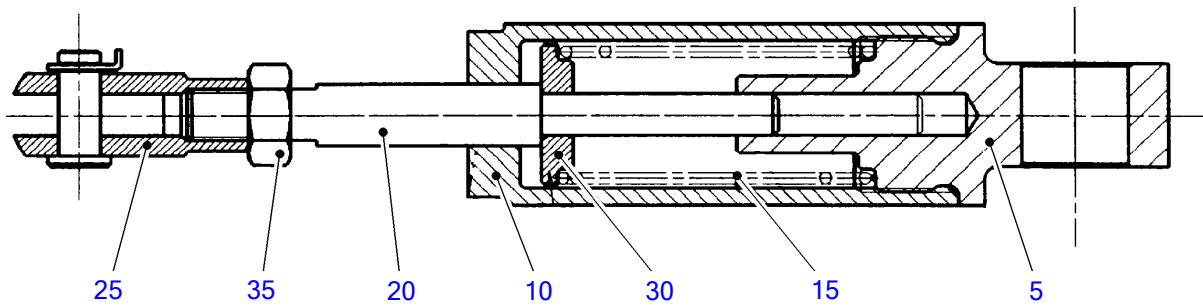
12300103a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
5	5240980010	FLAP	1	PC	1,288 KG
10	5249870051	FLAP SEAL	1	PC	



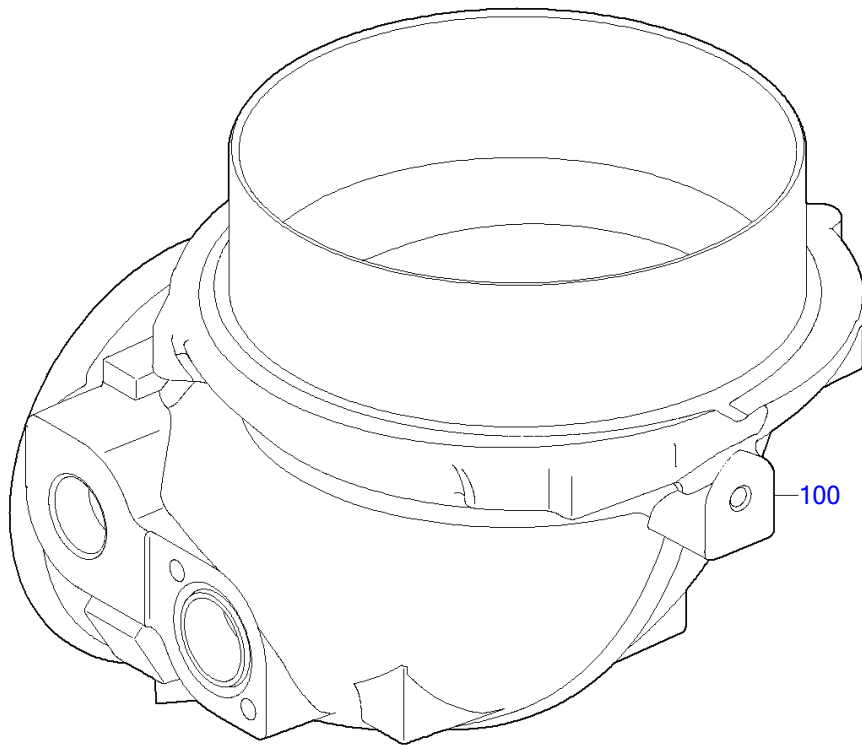
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POS.	PART NO.	DESIGNATION	QTY.	UNITS
10	XP56900600007	PARTS KIT	1	PC



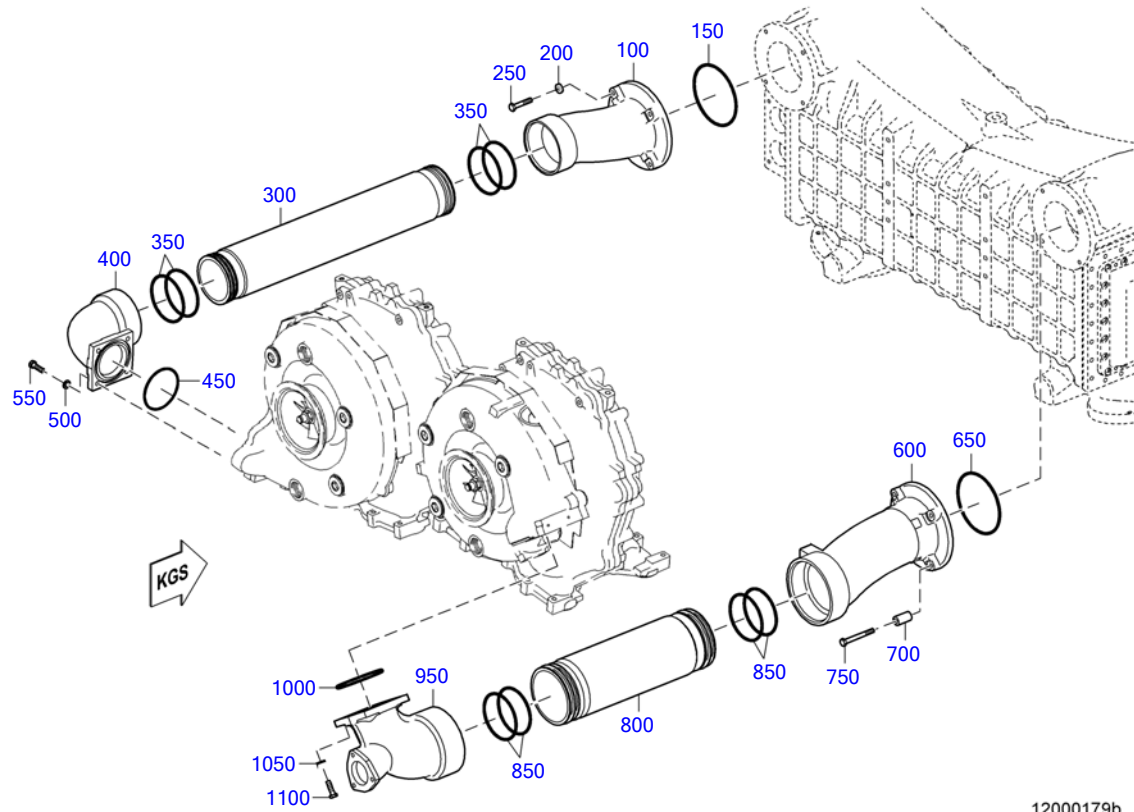
03700421a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
5	5360980032	PISTON GUIDE		1	PC	236 G		
10	5360980018	CYLINDER		1	PC	233 G		
15	5269930101	PRESSURE SPRING	4000	1	PC	18 G		
20	5360980090	ROD		1	PC	71,900 G		
25	0009963401	CLEVIS		1	PC	45 G		
30	5360980176	WASHER		1	PC	18 G		
35	000934010005	NUT HEX		1	PC	10,720 G	M 10	DIN934



12300515a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN
100	X52612300105	INTAKE HOUSING	HORIZONTAL	1	PC	8 KG	EM



12000179b

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
100	X00008876	ELBOW		1	PC	3,260 KG	EM		
150	X59499100165	SEALING RING		1	PC	17,700 G		147 X 5	
200	735151010100	SPACER		4	PC	11 G		A 10,5	MTN5151
250	204014010001	HEX SCREW		4	PC	39,500 G		M 10 X 55	ISO4014
300	X59512500017	PLUG-IN PIPE		1	PC	7 KG			
350	X00009934	O-RING		4	PC	19 G		110 X 6	
400	X59412500025	ELBOW F/TURBOCHARGER,RIGH		1	PC	5,220 KG	EM		
450	X59499100160	O-RING		1	PC	13,400 G		100 X 5	
500	000125010524	WASHER		4	PC	3,100 G		A 10,5	DIN125
550	00000003326	HEX SCREW		4	PC	28,180 G		M 10 X 35	ISO4017
600	5260900328	ELBOW	4000LH	1	PC	5,025 KG			
650	X59499100165	SEALING RING		1	PC	17,700 G		147 X 5	
700	8351530053	SPACER TUBE		2	PC	82 G			
730	X59499100221	BUSHING		2	PC	0,074 KG			
750	00000003510	HEX SCREW		4	PC	66 G		M 10 X 90	ISO4014
800	X59512500006	PLUG-IN PIPE INTERCOOLER, LEFT		1	PC	4,720 KG			
850	0259979048	O-RING		4	PC	41,500 G			
950	X59512500021	ELBOW F.CONN. IC.-TC LEFT		1	PC	7,460 KG	EM		
1000	0289975248	O-RING		1	PC	13,900 G			
1050	000125010524	WASHER		4	PC	3,100 G		A 10,5	DIN125
1100	00000003326	HEX SCREW		4	PC	28,180 G		M 10 X 35	ISO4017

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S

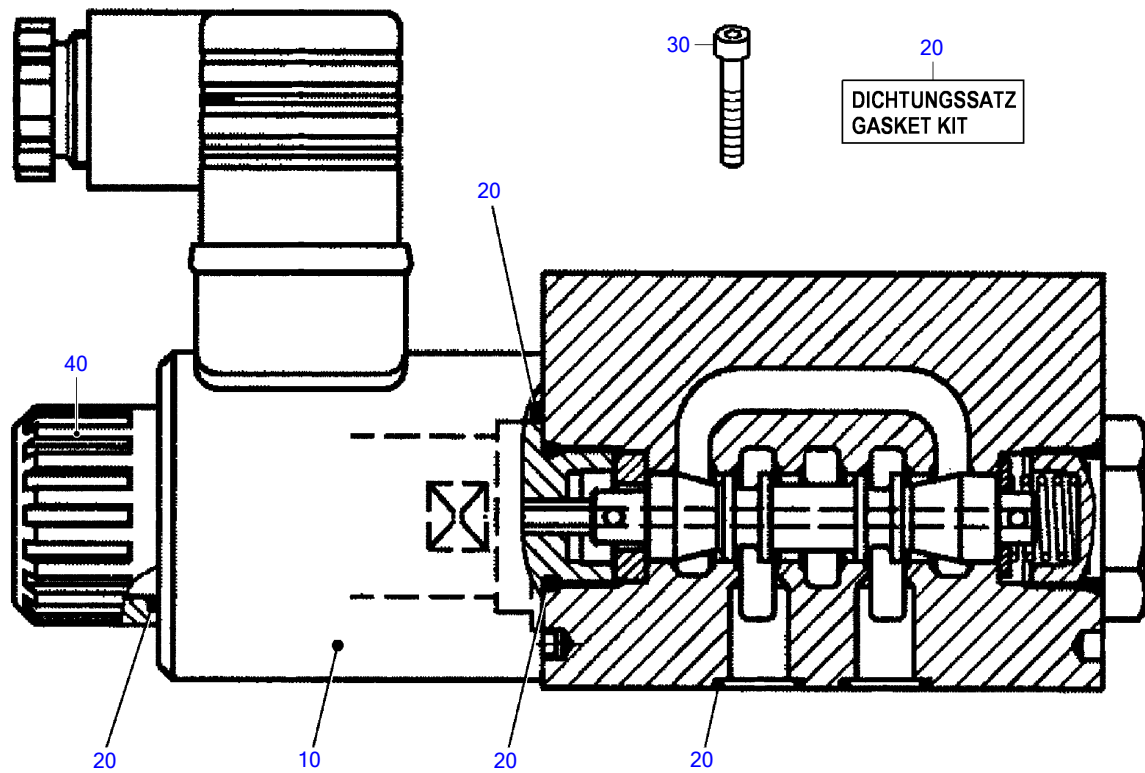
SERIAL NUMBER: 527110279

DIVERter VALVE

FG/FGS: 120 00

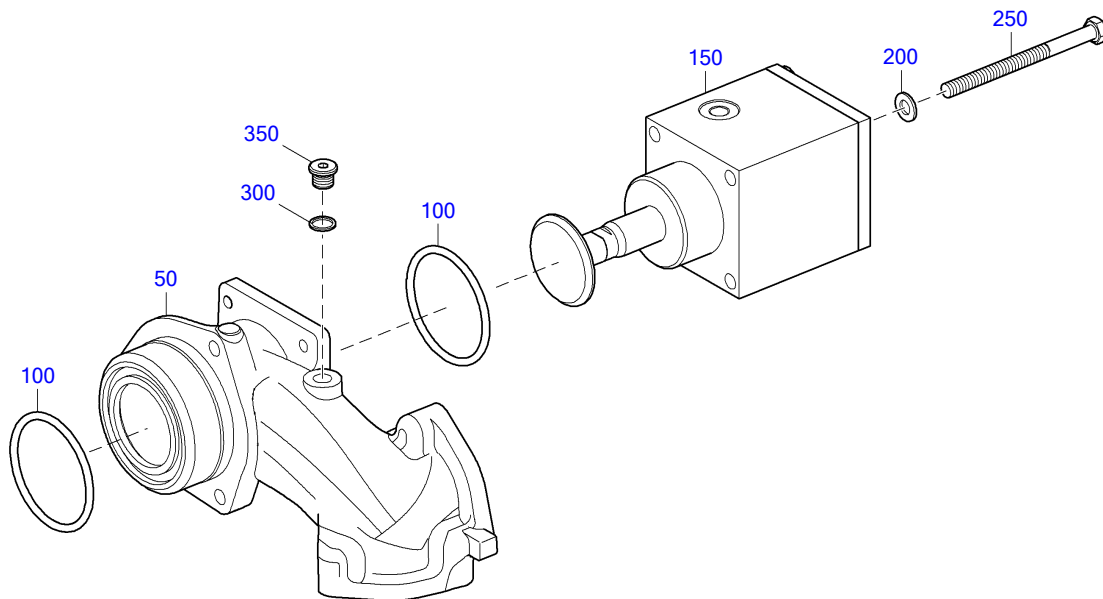
BOM-No.: XS595120.00043

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
100	X59512300014	DIVERter VALVE	1	PC	9,888 KG	EM		
120	X59512500026	GASKET F/AIR TRANSFER VALV	1	PC	8 G			
200	000000001039	BOLT HEX A3C	3	PC	29,800 G		M 10 X 40	ISO4017
250	000125010524	WASHER	3	PC	3,100 G		A 10,5	DIN125
350	5272030080	GASKET	1	PC	6 G			
400	000000001464	BOLT HEX A3C	3	PC	25 G		M 10 X 30	ISO4017
450	X52812500001	FLANGE	1	PC				
550	X00041391	ACTUATOR VLV	1	PC	1,880 KG			
650	000000003558	BOLT HEX SOC ZNPH R5F	4	PC	5,400 G		M 5 X 30	DIN912
700	007603014102	COPPER SEALING RING	2	PC	1 G		A 14 X 18	DIN7603
750	915013008002	SCREW NECK	2	PC	24 G		8 (M16X1,5/M14X1,5)	N15013
850	X59512500033	AIR LINE F/AIR TRANSFER VALV	1	PC	2 KG	EM		
900	5272030080	GASKET	2	PC	6 G			
950	000912010038	SCREW	6	PC	27 G		M 10 X 30	DIN912
1000	000125010524	WASHER	6	PC	3,100 G		A 10,5	DIN125
1100	X59499100079	BRACKET	1	PC				
1150	007349008002	WASHER	4	PC	8,300 G		8,4	DIN7349
1200	304017008083	BOLT HEX A3C	2	PC	15 G		M 8 X 30	ISO4017
1250	304017008084	BOLT HEX A3C	2	PC	16,565 G		M 8 X 35	ISO4017
1300	735151008200	SPACER	2	PC	13 G		B 8,4	MTN5151
1400	X59312500003	PIPE HALF-CLAMP	1	PC	341 G			
1450	700346065200	PIPE CLAMP HALF	1	PC	307,800 G		BD 9 - 65	MMN346
1500	304017008088	BOLT HEX A3C	2	PC	23,440 G		M 8 X 55	ISO4017
1850	X59599100097	RETAINER	1	PC	2,190 KG			
1900	007349008002	WASHER	2	PC	8,300 G		8,4	DIN7349
1950	304017008081	HEX BOLT	2	PC	13,500 G		M 8 X 25	ISO4017
1975	304017008083	BOLT HEX A3C	2	PC	15 G		M 8 X 30	ISO4017
2050	700346065200	PIPE CLAMP HALF	1	PC	307,800 G		BD 9 - 65	MMN346
2075	700346065300	PIPE CLAMP HALF	1	PC	333 G		BG 8 - 65	MMN346
2100	007349008002	WASHER	2	PC	8,300 G		8,4	DIN7349
2150	204017008032	HEX SCREW	2	PC	25,900 G		M 8 X 65	ISO4017



12300496a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	XP52736400001	SOLENOID	1	PC	358 G		
20	8495860032	SET OF SEALS	1	PC	85 G	INHALT SIEHE GRUNDDATENTEXT	
30	00000003558	BOLT HEX SOC ZNPH R5F	4	PC	5,400 G	M 5 X 30	DIN912
40	XP51699100033	NUT	1	PC			



12600081a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
50	X59612300005	VALVE HOUSING		1	PC		EM		
100	700429075001	O-RING		2	PC	10,900 G		75 X 5	MMN429
150	X59612300007	CYLINDER	BR4000	1	PC	4.009 G			
200	000125010524	WASHER		4	PC	3,100 G		A 10,5	DIN125
250	00000004400	HEX SCREW		4	PC	84,200 G		M 10 X130	ISO4014
300	007603014102	COPPER SEALING RING		2	PC	1 G		A 14 X 18	DIN7603
350	000908014001	THREAD PLUG		2	PC	16,100 KG		M 14 X 1,5	DIN908

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
AIR FILTER

SERIAL NUMBER: 527110279
FG/FGS: 121

GROUP NUMBER (FG)

GROUP NAME

BOM-No.

CONTAM INDICATOR

XS593120.00028

AIR FILTER

XS594120.00071

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CONTAM INDICATOR

SERIAL NUMBER: 527110279

FG/FGS: 121 05
BOM-No.: XS593120.00028

POS.	PART NO.	DESIGNATION	QTY.	UNITS
5	0000943268	INDICATOR AIR FILTER RESTRISTER	1	PC

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
AIR FILTER

SERIAL NUMBER: 527110279

FG/FGS: 121 05

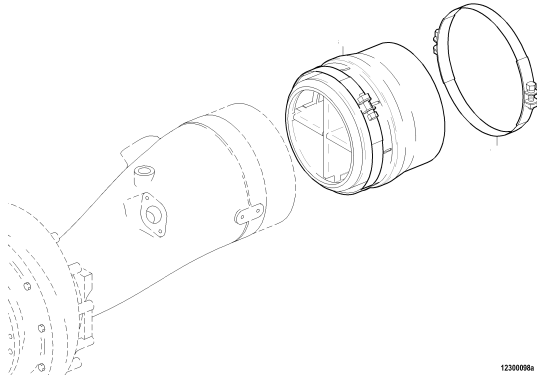
BOM-No.: XS594120.00071

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
15	0180943002	AIR FILTER	2	PC	6,300 KG	EM		
20	900288260000	CLAMP	2	PC	384 G		S 260/25X1,25 SK 2T	N288A

GROUP NUMBER (FG)

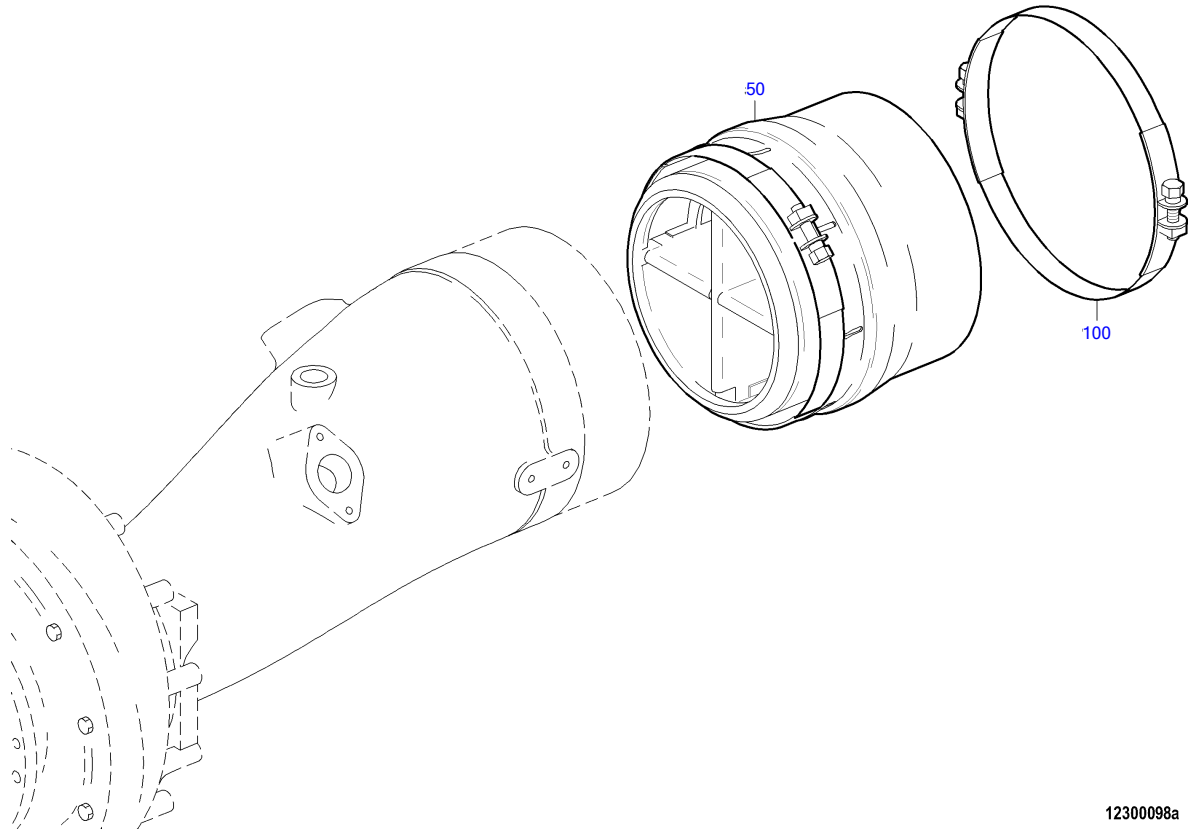
GROUP NAME

BOM-No.



INTAKE SILENCER
X00010987

12300098a



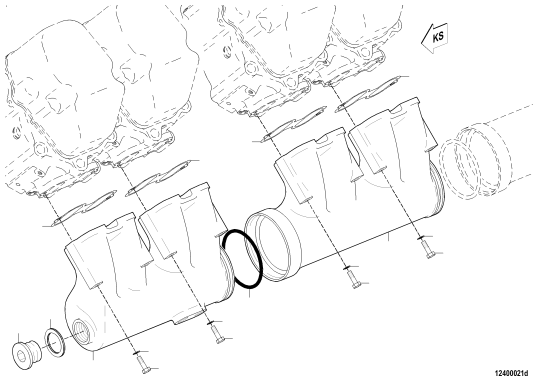
12300098a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
50	5260900104	SILENCER AIR INTAKE	12/16V4000 MAR.	2	PC	2,600 KG	EM		
100	900288254000	CLAMP		2	PC	344 G		S 254/25X1,25 SK 2T	N288A

GROUP NUMBER (FG)

GROUP NAME

BOM-No.



AIR PIPING INTERCOOLER TO CYLH
XS595120.00003

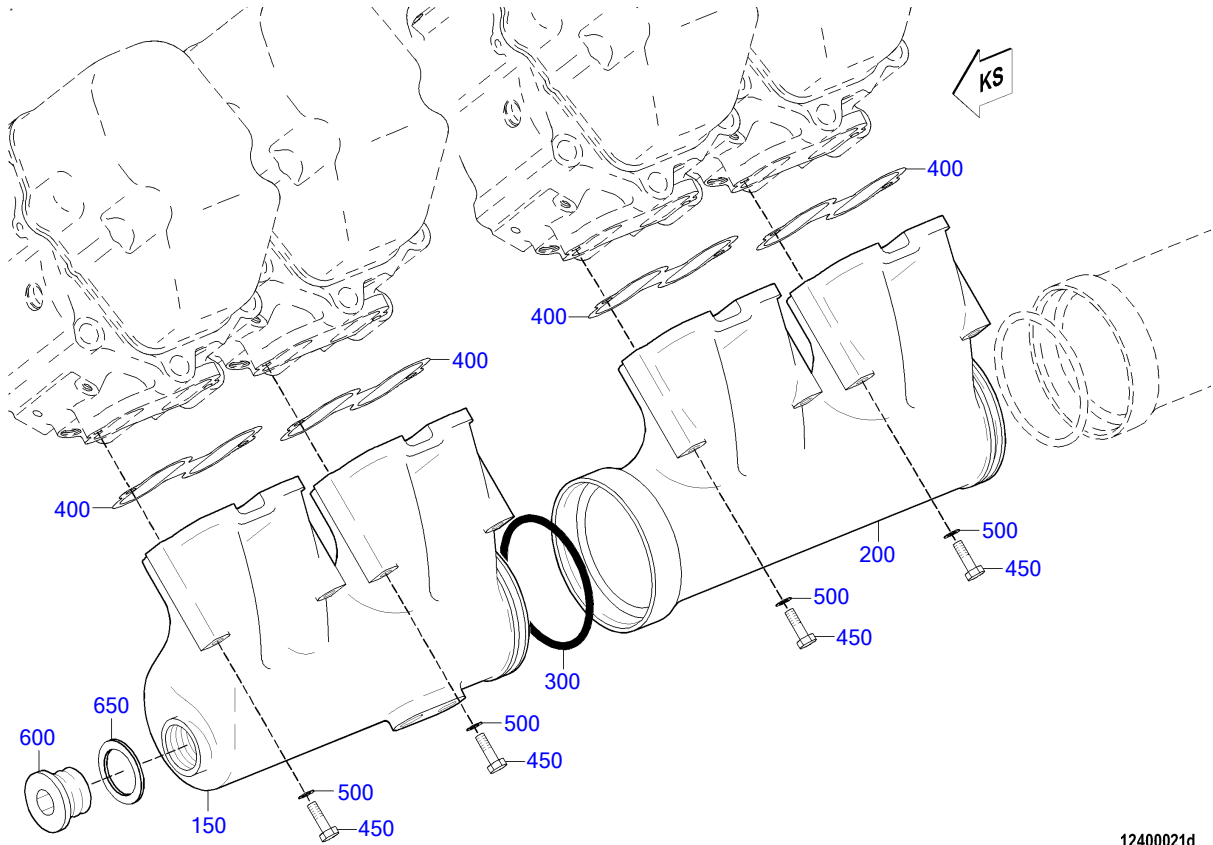
12400021-d

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
AIR PIPING INTERCOOLER TO CYLH

SERIAL NUMBER: 527110279

FG/FGS: 124 05
BOM-No.: XS595120.00003

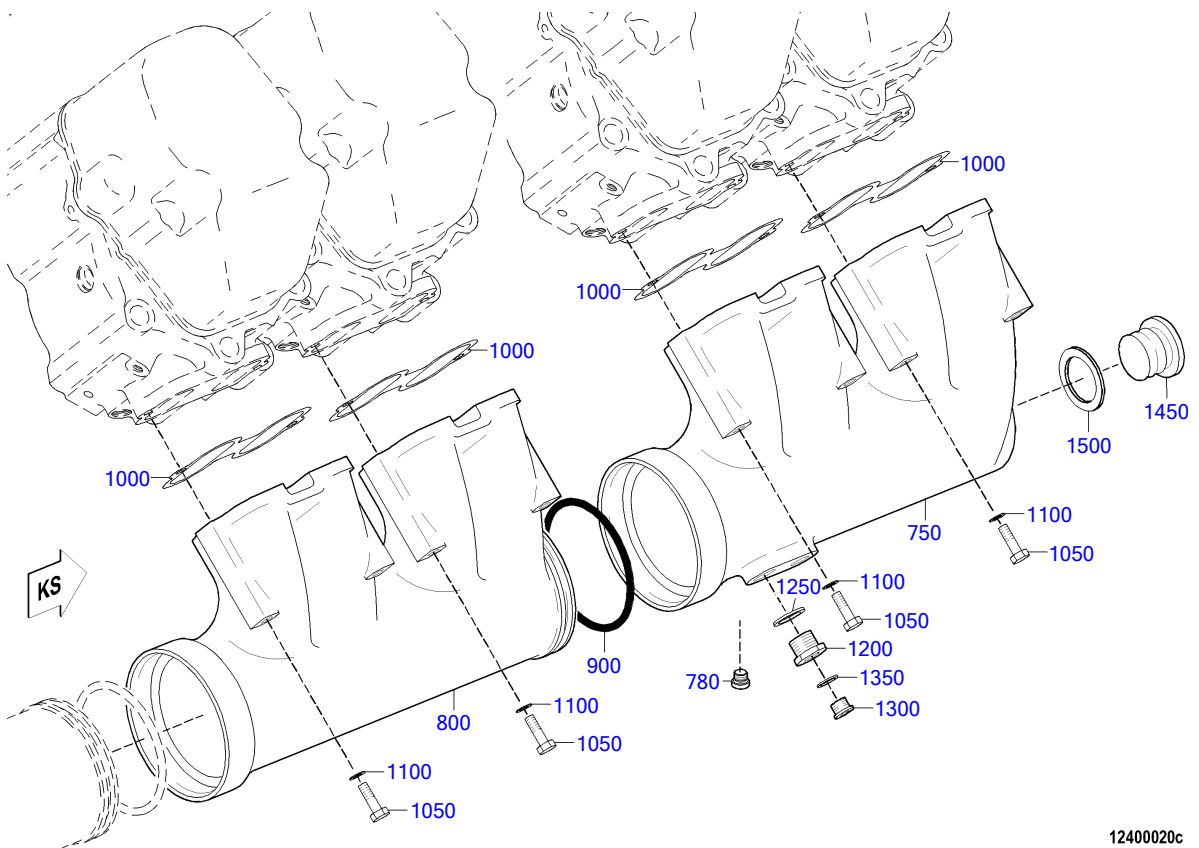


EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
AIR PIPING INTERCOOLER TO CYLH

SERIAL NUMBER: 527110279

FG/FGS: 124 05
BOM-No.: XS595120.00003



EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
AIR PIPING INTERCOOLER TO CYLH

SERIAL NUMBER: 527110279

FG/FGS: 124 05

BOM-No.: XS595120.00003

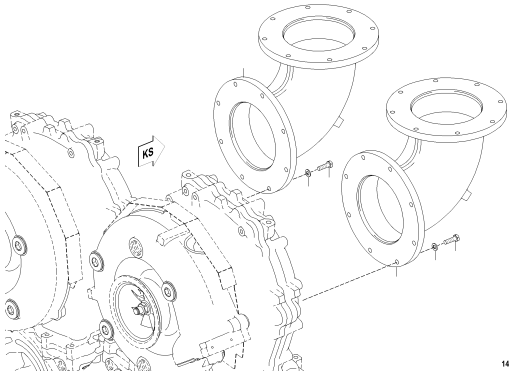
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
150	5240981407	MANIFOLD CHARGE AIR FRONT A-BANK		1	PC	7,721 KG	EM		
200	5240980907	MANIFOLD INTAKE CHRГ AIR CENTER	BR4000	3	PC		EM		
300	700429140000	O-RING		4	PC	51 G		140 X 8	MMN429
400	5240980680	GASKET		8	PC	14 G			
450	000000001041	BOLT HEX A3C		16	PC			M 10 X140	ISO4014
500	000125010524	WASHER		8	PC	3,100 G		A 10,5	DIN125
600	000908052003	THREAD PLUG		1	PC	308,500 KG		M 52 X 1,5	DIN908
650	007603052101	COPPER SEALING RING		1	PC	12,300 G		A 52 X 60	DIN7603
750	X59412400026	CHARGE-AIR PIPE END MEMBER, RIGHT		1	PC	7,967 KG	EM		
780	735210014000	THREAD PLUG		1	PC	19,100 KG		M 14 X 1,5	MTN5210
800	5240980907	MANIFOLD INTAKE CHRГ AIR CENTER	BR4000	3	PC		EM		
900	700429140000	O-RING		3	PC	51 G		140 X 8	MMN429
1000	5240980680	GASKET		8	PC	14 G			
1050	000000001041	BOLT HEX A3C		16	PC			M 10 X140	ISO4014
1100	000125010524	WASHER		8	PC	3,100 G		A 10,5	DIN125
1200	700354014003	THREADED BUSHING		2	PC	46 G		M 14 X 1,5	MMN354
1250	007603022102	COPPER SEALING RING		2	PC	0,900 G		A 22 X 27	DIN7603
1300	000908014001	THREAD PLUG		2	PC	16,100 KG		M 14 X 1,5	DIN908
1350	007603014102	COPPER SEALING RING		2	PC	1 G		A 14 X 18	DIN7603
1450	000908052003	THREAD PLUG		1	PC	308,500 KG		M 52 X 1,5	DIN908
1500	007603052101	COPPER SEALING RING		1	PC	12,300 G		A 52 X 60	DIN7603

GROUP NUMBER (FG)

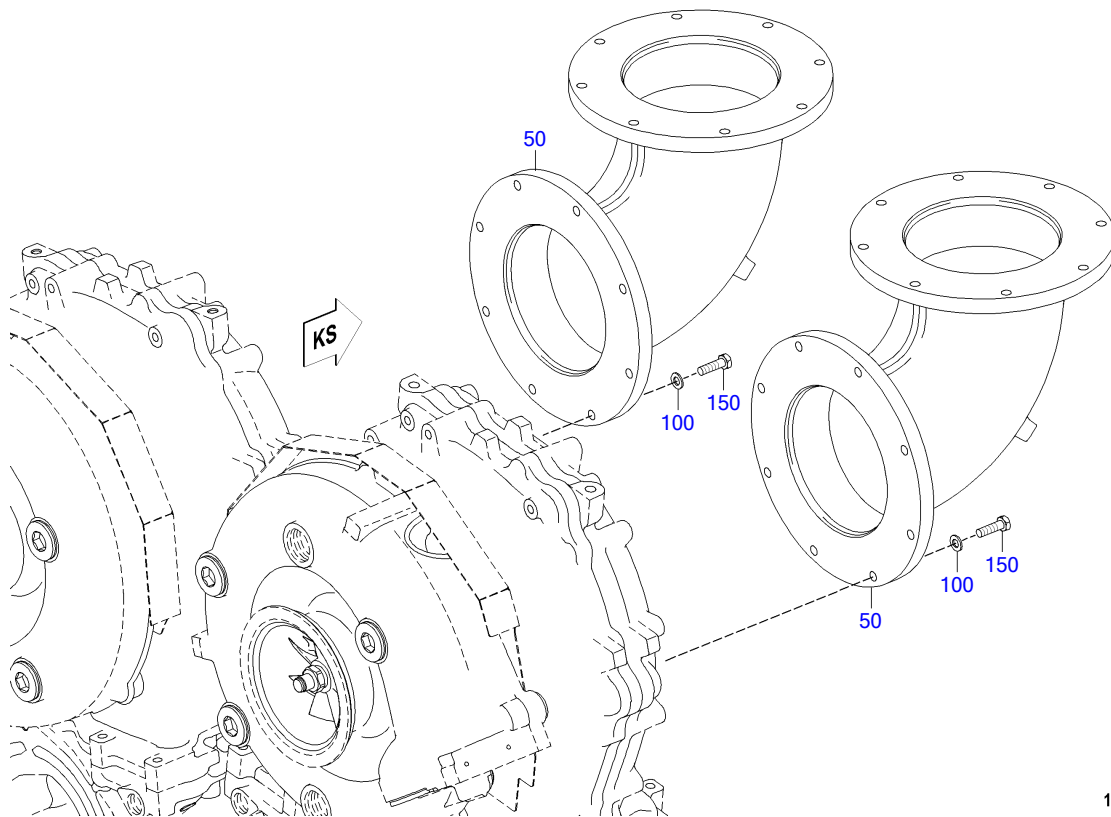
GROUP NAME

BOM-No.

EXH. LINES AFTER TC FOR 12/16 CYLINDER
XS594140.00005



14500112a



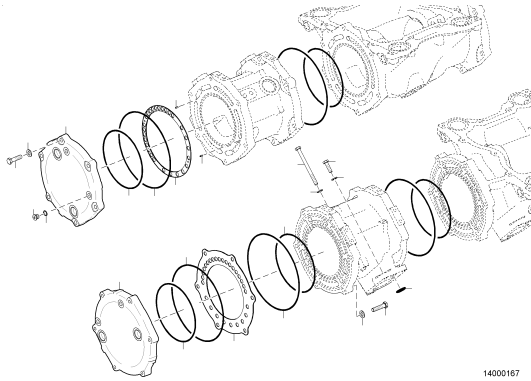
14500112a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
50	X59414500004	EXHAUST ELBOW 90° VERTICAL	2	PC	25,600 KG	EM		
100	000125010524	WASHER	16	PC	3,100 G		A 10,5	DIN125
150	000000001039	BOLT HEX A3C	16	PC	29,800 G		M 10 X 40	ISO4017

GROUP NUMBER (FG)

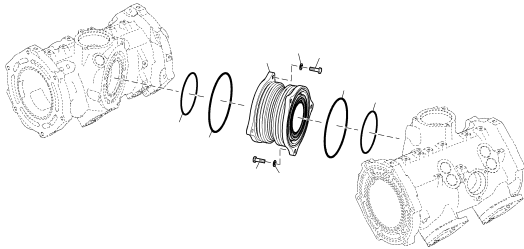
GROUP NAME

BOM-No.



14000167

EXHAUST SYSTEM F/CYL. TO T'CHARGER
XS595140.00003



14200300a

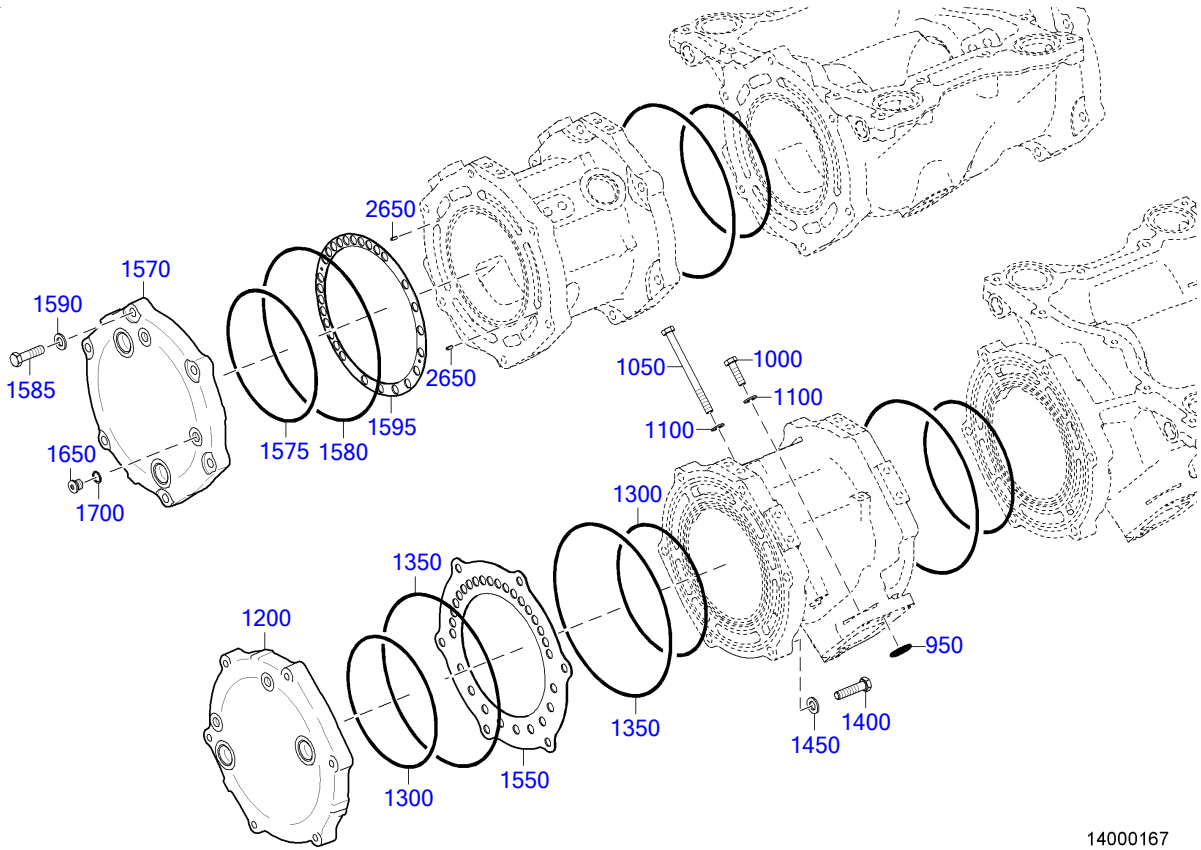
EXH PIPE BELLOWS
XS596140.00008

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
EXHAUST SYSTEM F/CYL. TO T'CHARGER

SERIAL NUMBER: 527110279

FG/FGS: 141 10
BOM-No.: XS595140.00003



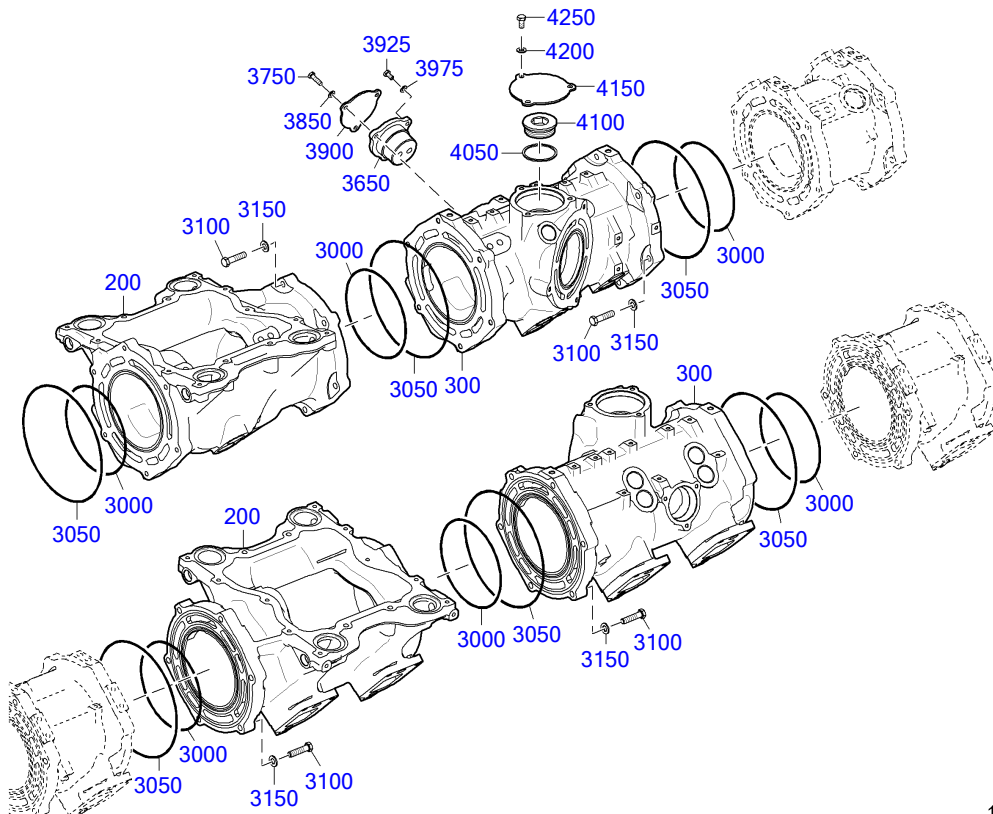
14000167

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
EXHAUST SYSTEM F/CYL. TO T'CHARGER

SERIAL NUMBER: 527110279

FG/FGS: 141 10
BOM-No.: XS595140.00003



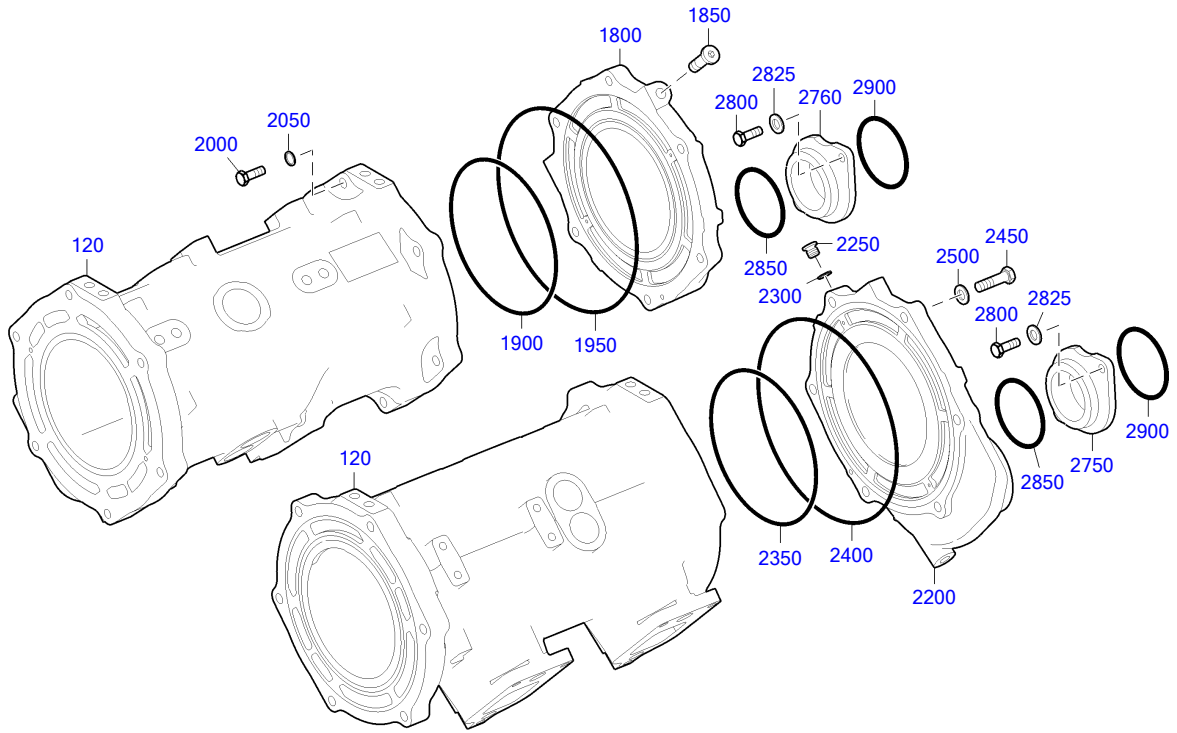
10101707

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
EXHAUST SYSTEM F/CYL. TO T'CHARGER

SERIAL NUMBER: 527110279

FG/FGS: 141 10
BOM-No.: XS595140.00003



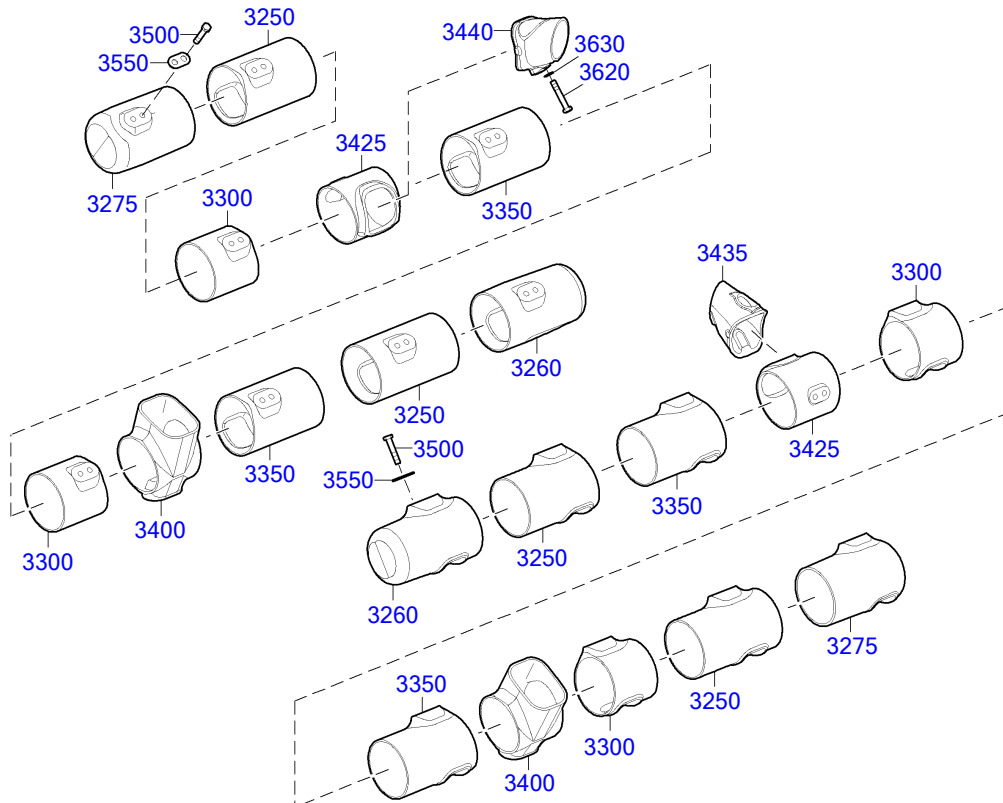
14100423

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
EXHAUST SYSTEM F/CYL. TO T'CHARGER

SERIAL NUMBER: 527110279

FG/FGS: 141 10
BOM-No.: XS595140.00003



10101708

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
120	X59414100053	EXHAUST HOUSING		4	PC	49,400 KG	EM		
200	X59414100007	EXHAUST HOUSING		2	PC	61,250 KG	SB EM		
300	X59414100009	EXHAUST HOUSING		2	PC	60,200 KG	SB EM		
950	700429024000	O-RING		16	PC	3,900 G		24 X 5	MMN429
1000	000000003326	HEX SCREW		32	PC	28,180 G		M 10 X 35	ISO4017
1050	000000004400	HEX SCREW		16	PC	84,200 G		M 10 X 130	ISO4014
1100	000125010524	WASHER		48	PC	3,100 G		A 10,5	DIN125
1200	X59414100020	END COVER		1	PC	6,627 KG	SB		
1300	X59499100113	O-RING		2	PC	15 G		194 X 4	MMN429
1350	X59499100114	O-RING		2	PC	20 G		258 X 4	MMN429
1400	000000003437	BOLT HEX A3C		6	PC	52 G	M	M 12 X 50	ISO4017
1450	000125013012	WASHER		6	PC	5,320 G	MN	A 13	DIN125
1550	X59414100047	RESTRICTOR		1	PC				
1570	X59414100029	END COVER		1	PC	8 KG	SB		
1575	X59499100113	O-RING		1	PC	15 G		194 X 4	MMN429
1580	X59499100114	O-RING		1	PC	20 G		258 X 4	MMN429
1585	000000004743	HEX SCREW		6	PC	48 G		M 12 X 45	ISO4017
1590	000125013012	WASHER		6	PC	5,320 G	MN	A 13	DIN125
1595	X59414100022	RESTRICTOR		1	PC				
1650	000908014001	THREAD PLUG		4	PC	16,100 KG		M 14 X 1,5	DIN908
1700	007603014102	COPPER SEALING RING		4	PC	1 G		A 14 X 18	DIN7603
1800	X59414100018	CONNECTING PIECE		1	PC	6,687 KG	SB		
1850	735210018000	PLUG		1	PC	35,800 KG		M 18 X 1,5	MTN5210
1900	X59499100113	O-RING		1	PC	15 G		194 X 4	MMN429
1950	X59499100114	O-RING		1	PC	20 G		258 X 4	MMN429
2000	000000003437	BOLT HEX A3C		6	PC	52 G	M	M 12 X 50	ISO4017
2050	000125013012	WASHER		6	PC	5,320 G	MN	A 13	DIN125
2200	X59414100016	CONNECTING PIECE		1	PC	7,668 KG	SB		
2250	000908014001	THREAD PLUG		1	PC	16,100 KG		M 14 X 1,5	DIN908
2300	007603014102	COPPER SEALING RING		1	PC	1 G		A 14 X 18	DIN7603
2350	X59499100113	O-RING		1	PC	15 G		194 X 4	MMN429
2400	X59499100114	O-RING		1	PC	20 G		258 X 4	MMN429
2450	000000004743	HEX SCREW		6	PC	48 G		M 12 X 45	ISO4017
2500	000125013012	WASHER		6	PC	5,320 G	MN	A 13	DIN125
2650	000000003948	PIN SPRING 18-8		3	PC	0,500 G		4 X 10 - N	ISO8752
2750	X52620200153	FLANGE		1	PC				
2760	X52620200154	FLANGE		1	PC				
2800	000000003021	HEX SCREW		4	PC	23,700 G		M 10 X 25	ISO4017
2825	000125010524	WASHER		4	PC	3,100 G		A 10,5	DIN125
2850	700429080001	O-RING		2	PC	5,962 G		80 X 5	MMN429
2900	700429083000	O-RING		2	PC			83 X 5	MMN429
3000	X59499100113	O-RING		6	PC	15 G		194 X 4	MMN429
3050	X59499100114	O-RING		6	PC	20 G		258 X 4	MMN429
3100	000000003437	BOLT HEX A3C		36	PC	52 G	M	M 12 X 50	ISO4017
3150	000125013012	WASHER		36	PC	5,320 G	MN	A 13	DIN125
3250	X59414100011	EXHAUST LINE INNER ELEMENT		4	PC	4,926 KG	EM		
3260	X59414100027	EXHAUST LINE INNER ELEMENT		2	PC		EM		
3275	X59414100028	EXHAUST LINE INNER ELEMENT		2	PC	5,560 KG	EM		
3300	X59414100012	EXHAUST PIPE		4	PC	2,984 KG	EM		
3350	X59414100013	EXHAUST PIPE		4	PC	4,469 KG	EM		
3400	X52814100016	EXHAUST PIPE TO TURBOCHARGER		2	PC	4,370 KG	EM		
3425	X59414100015	EXHAUST LINE	BR4000	2	PC	2,699 KG	EM		
3435	X59414100037	EXHAUST PIPE		1	PC	1,676 KG	EM		
3440	X59414100036	EXHAUST PIPE		1	PC	1,781 KG	EM		

EQUI TYPE: Engine

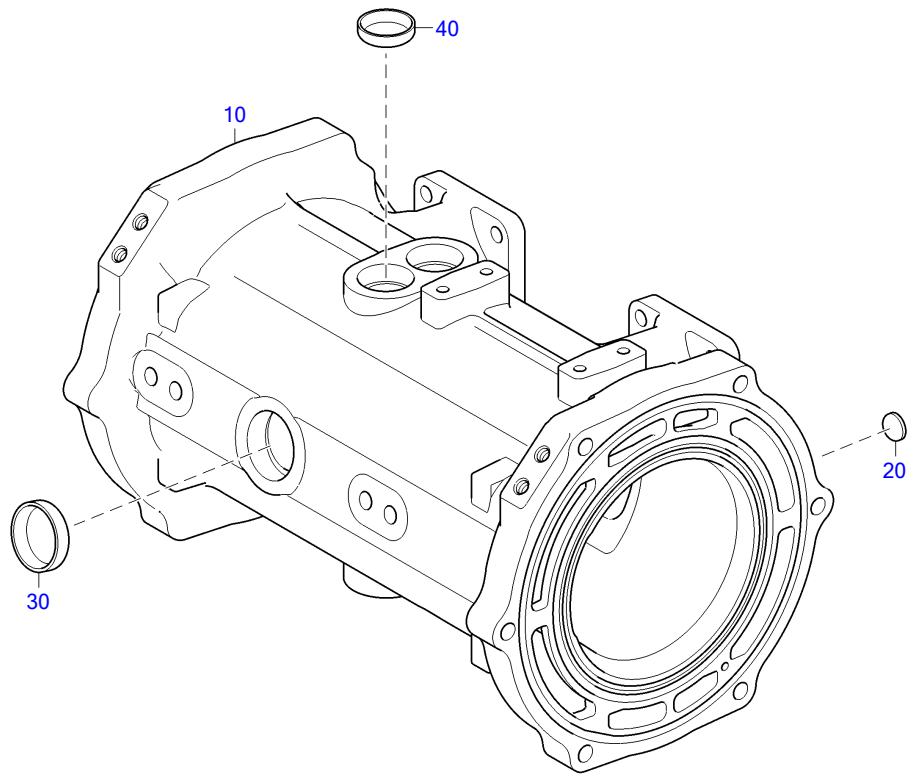
PRODUCT TYPE: 16V4000M23S
EXHAUST SYSTEM F/CYL. TO T'CHARGER

SERIAL NUMBER: 527110279

FG/FGS: 141 10

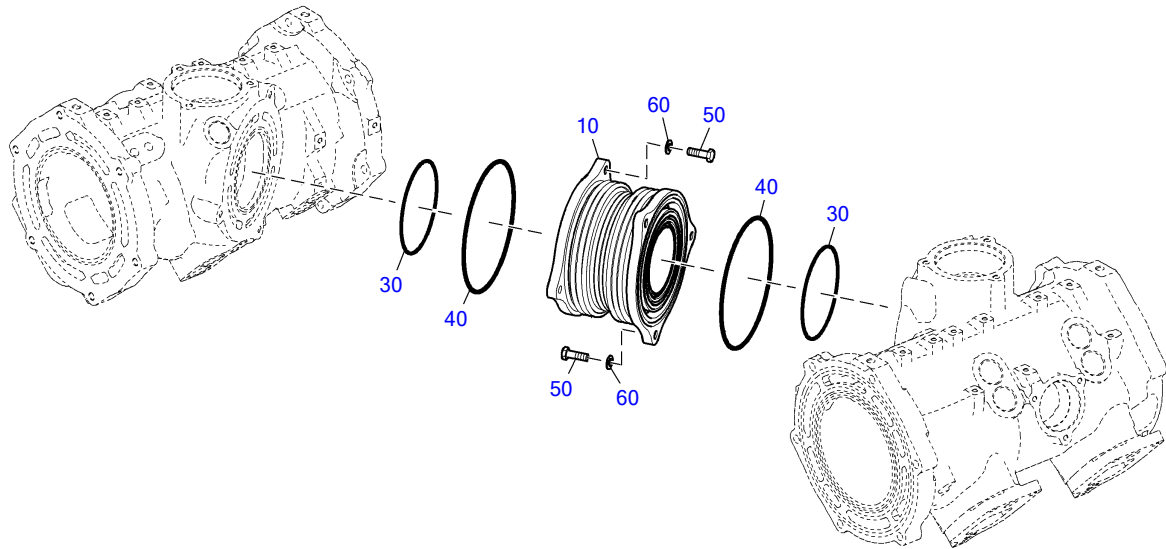
BOM-No.: XS595140.00003

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
3500	204017012032	HEX SCREW		40	PC	79 G		M 12 X 60	ISO4017
3550	X59614100003	SPACER		20	PC	30 G			
3620	000000001710	HEX SCREW		4	PC			M 12 X 70	ISO4017
3630	8379902540	WASHER		4	PC	7,710 G			
3650	X59414100035	RETAINER FOR EXH. PIPE		2	PC	1,631 KG			
3750	304017008081	HEX BOLT		6	PC	13,500 G		M 8 X 25	ISO4017
3850	000125008427	WASHER		6	PC	1,500 G		A 8,4	DIN125
3900	X59414100038	COVER PLATE		2	PC				
3925	204017008022	HEX SCREW		4	PC	10 G		M 8 X 14	ISO4017
3975	000125008427	WASHER		4	PC	1,500 G		A 8,4	DIN125
4050	007603064100	WASHER A COP		1	PC	14,400 G		A 64 X 72	DIN7603
4100	000908064000	PLUG		1	PC	535 KG		M 64 X 2	DIN908
4150	X59614100002	BLIND FLANGE		1	PC	418 G			
4200	000125010524	WASHER		3	PC	3,100 G		A 10,5	DIN125
4250	000000003020	BOLT HEX A3C		3	PC	20,010 G		M 10 X 20	ISO4017



10101228a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
10	X59414100054	EXHAUST HOUSING	1	PC	50,240 KG	EM	
20	5550160033	SEALING CAP	2	PC	7,140 G		D 20
30	5249970020	SEALING CAP	1	PC			D 50
40	5370160233	SEALING CAP	4	PC			D 40



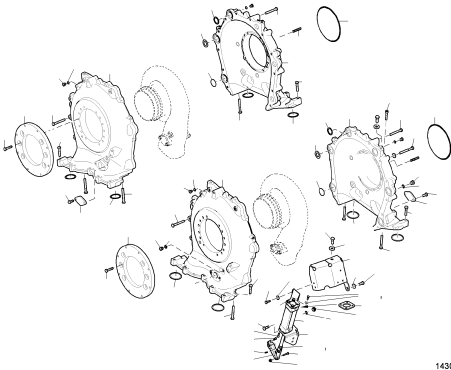
14200300a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	X59499100411	EXH PIPE BELLOWS	1	PC	6,400 KG	EM		
30	X59499100111	O-RING	2	PC	10 G		142 X 4	MMN429
40	X59499100112	O-RING	2	PC	16 G		192 X 4	MMN429
50	204017010016	HEX SCREW	6	PC	26,500 G		M 10 X 32	ISO4017
60	000125010524	WASHER	6	PC	3,100 G		A 10,5	DIN125

GROUP NUMBER (FG)

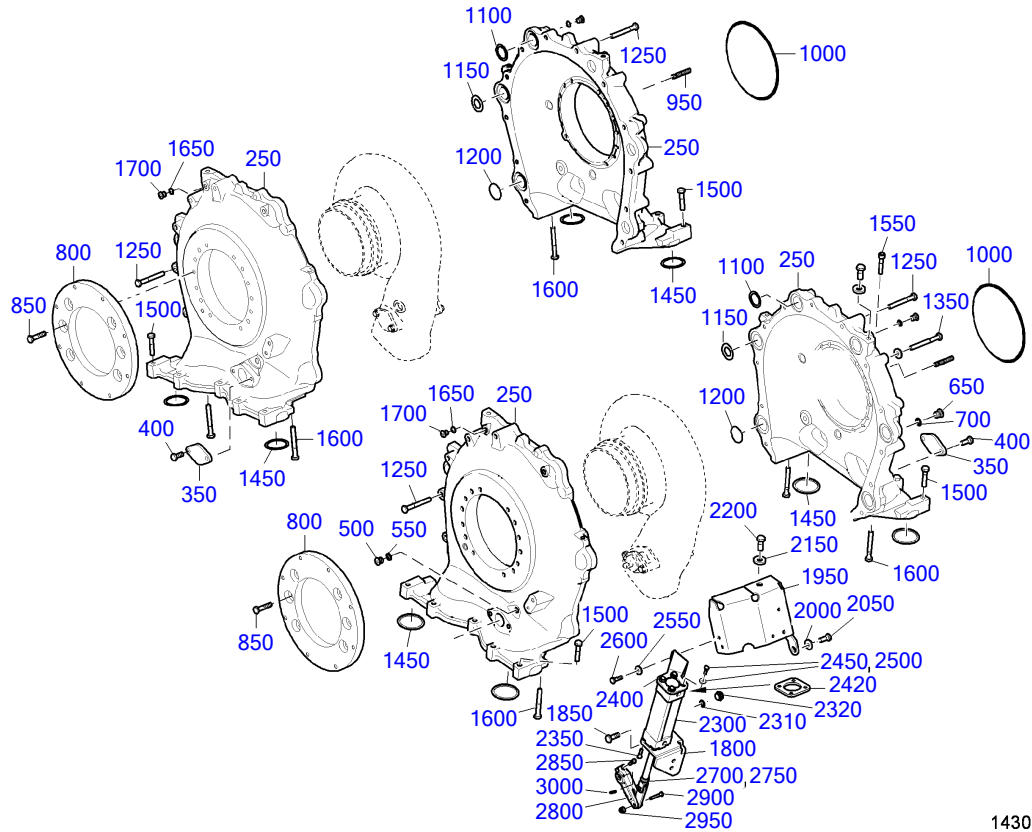
GROUP NAME

BOM-No.



CARRIER HOUSING F/TURBOCHARGER
XS594140.00040

14300158a



14300158a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
250	X59414300006	CARRIER HOUSING	4	PC		EM		
350	5261420091	COVER	3	PC	190 G			
400	000000003021	HEX SCREW	6	PC	23,700 G	M 10 X 25		ISO4017
500	000908014001	THREAD PLUG	2	PC	16,100 KG	M 14 X 1,5		DIN908
550	007603014102	COPPER SEALING RING	2	PC	1 G	A 14 X 18		DIN7603
650	000908014001	THREAD PLUG	2	PC	16,100 KG	M 14 X 1,5		DIN908
700	007603014102	COPPER SEALING RING	2	PC	1 G	A 14 X 18		DIN7603
800	X52814300005	INTERMEDIATE FLANGE	2	PC	7,980 KG			
850	304017010035	HEX BOLT	12	PC	32 G	M 10 X 45		ISO4017
950	000939010115	STUD	12	PC	31 G	M 10 X 45		DIN939
1000	700429200002	O-RING	2	PC	18,600 G	200 X 4		MMN429
1100	X59420200233	RESTRICTOR	4	PC	6 G			
1150	X59420200234	RESTRICTOR	4	PC	8,100 G			
1200	X59420200235	RESTRICTOR	4	PC	11 G			
1250	304017010034	BOLT HEX	22	PC	50,300 G	M 10 X 80		ISO4017
1450	X59420200238	RESTRICTOR	8	PC	9 G			
1500	000000001042	BOLT HEX A3C	19	PC	35 G	M 10 X 50		ISO4017
1550	000912010016	BOLT HEX SOC HD	1	PC	38 G	M 10 X 50		DIN912
1600	000000000906	BOLT HEX A3C	8	PC	49,400 G	M 10 X 80		ISO4017
1650	007603012111	COPPER SEALING RING	6	PC	0,700 G	A 12 X 15,5		DIN7603
1700	000908012003	THREAD PLUG	6	PC	11,900 KG	M 12 X 1,5		DIN908
1800	X59418500017	RETAINER F/TURBO OIL SUPPLY	1	PC				
1850	000000003021	HEX SCREW	2	PC	23,700 G	M 10 X 25		ISO4017
1950	X59418500019	RETAINER F/TURBO OIL SUPPLY	1	PC	2,100 KG			
2000	007349010002	WASHER	2	PC	11 G	10,5		DIN7349

EQUI TYPE: Engine

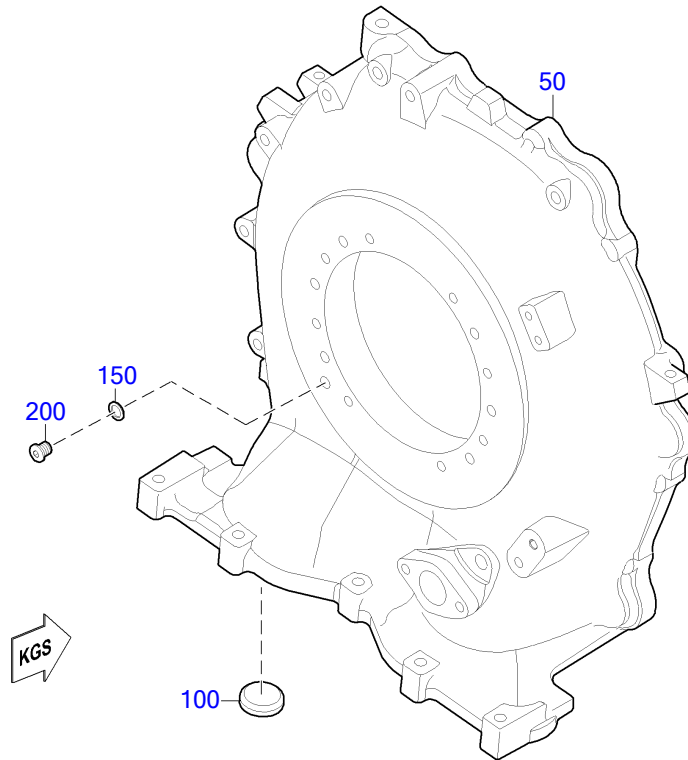
PRODUCT TYPE: 16V4000M23S
CARRIER HOUSING F/TURBOCHARGER

SERIAL NUMBER: 527110279

FG/FGS: 143 05

BOM-No.: XS594140.00040

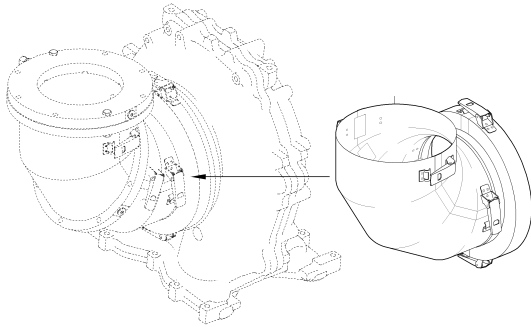
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
2050	00000003510	HEX SCREW	2	PC	66 G		M 10 X 90	ISO4014
2150	007349013002	WASHER	1	PC	22,600 G	MN	13	DIN7349
2200	00000003925	BOLT A3C	1	PC			M 12 X 30	ISO4017
2300	X56912300043	ACTUATING CYLINDER	1	PC	1,300 KG			
2310	705057013000	RING SEALING A13 X18 CU	2	PC	1,300 G		A 13 X 18	DIN7603
2320	700419999021	SCREW-FITTING UNION	2	PC	25 G		10 G 1/4 A	MMN419
2350	304017006063	BOLT HEX A3C	4	PC	6,800 G		M 6 X 25	ISO4017
2400	X59418500052	RETAINER	1	PC	807,800 G			
2420	X59499100117	SPACER	1	PC	84 G			
2450	007349006004	WASHER	4	PC	4,100 G		6,4	DIN7349
2500	304017006065	BOLT HEX A3C	4	PC	7,650 G		M 6 X 30	ISO4017
2550	007349008002	WASHER	2	PC	8,300 G		8,4	DIN7349
2600	204017008011	HEX SCREW	2	PC	12,200 G		M 8 X 22	ISO4017
2700	X00041795	CLEVIS	1	PC	40,600 G			
2750	X52499100007	ARTICULATED BEARING FOR FLAP CONTROL	1	PC	79,500 G	AB		
2800	X52810100084	LEVER F/EXH FLAP CONTROL	1	PC	269 G			
2850	000912006018	SCREW	1	PC	6,200 G		M 6 X 20	DIN912
2900	304017008084	BOLT HEX A3C	1	PC	16,565 G		M 8 X 35	ISO4017
2950	5069900251	NUT	1	PC	6,600 G			
3000	001481005030	PIN SPRING	1	PC	2,180 G		5 X 24 - N	ISO8752



14300141a

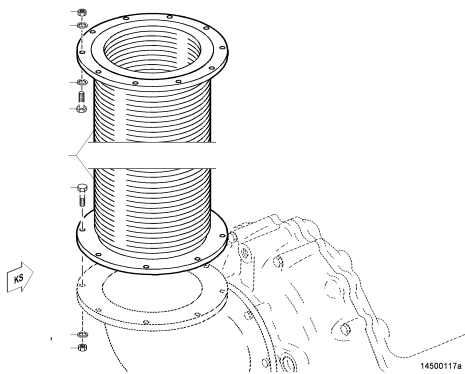
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
50	X59414300004	CARRIER HOUSING	1	PC	40,140 KG	EM		
100	5370160233	SEALING CAP	1	PC			D 40	
150	007603012106	WASHER A COP	1	PC	1,520 G		A 12 X 18	DIN7603
200	000908012003	THREAD PLUG	1	PC	11,900 KG		M 12 X 1,5	DIN908

GROUP NUMBER (FG)
GROUP NAME
BOM-No.



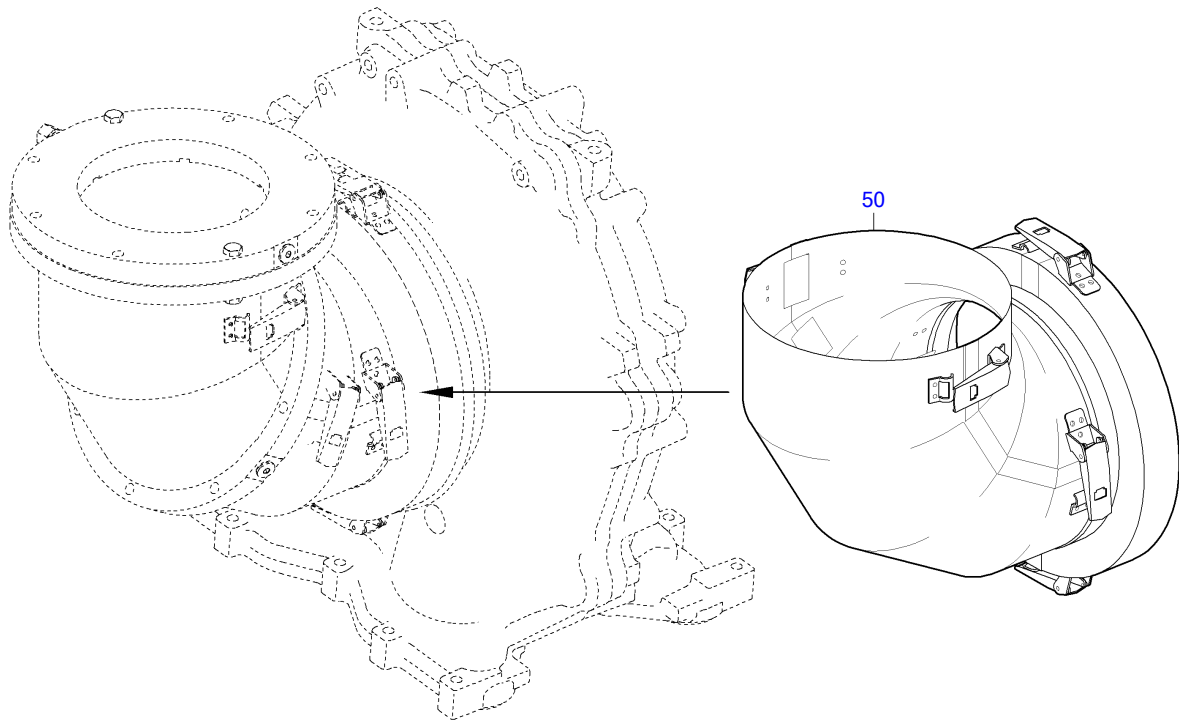
INSULATION FOR EXHAUST ELBOW
XS594140.00011

14500099a



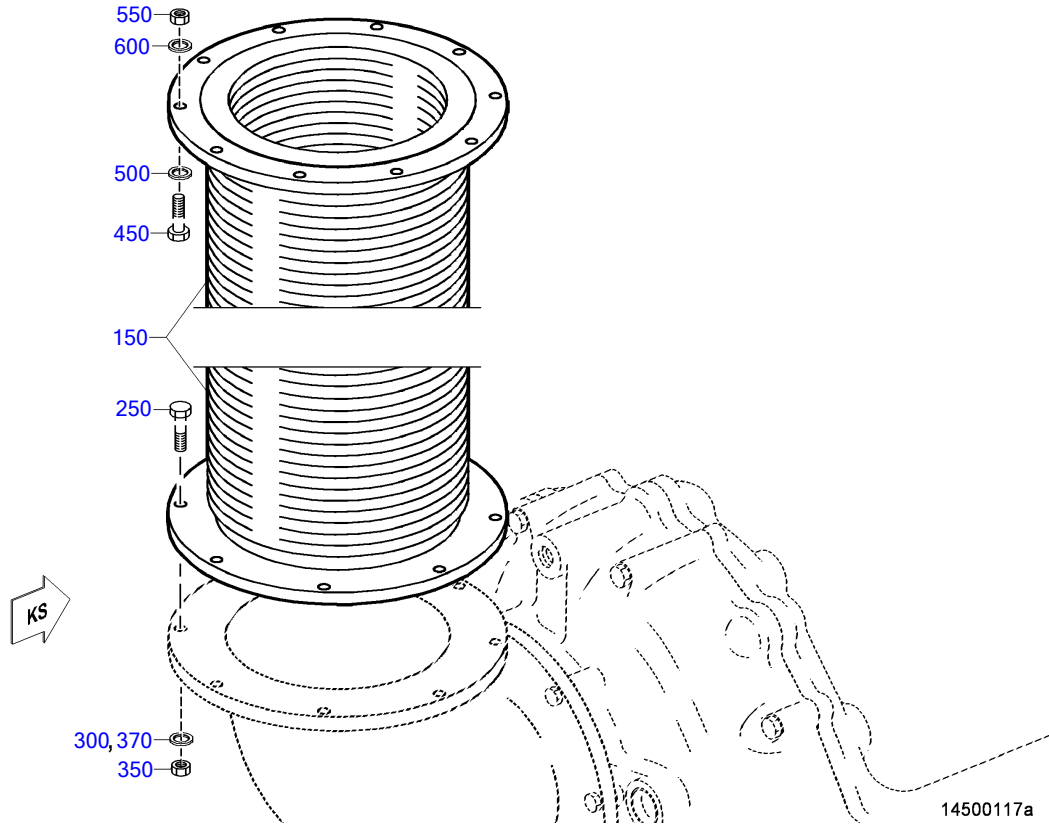
EXH PIPE BELLOWS AFTER TURBOCHARGER
XS594140.00034

14500117a



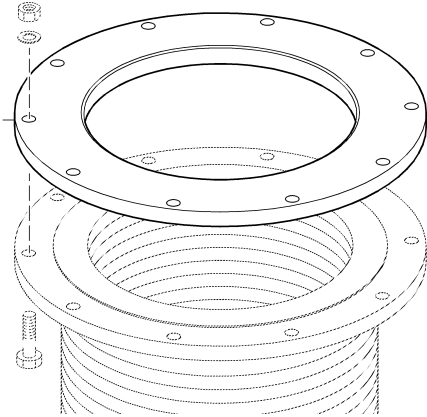
14500099a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
50	X52614500010	DIAGRAM EXH INSULATION 90 DEG VERTICAL	2	PC	4,160 KG



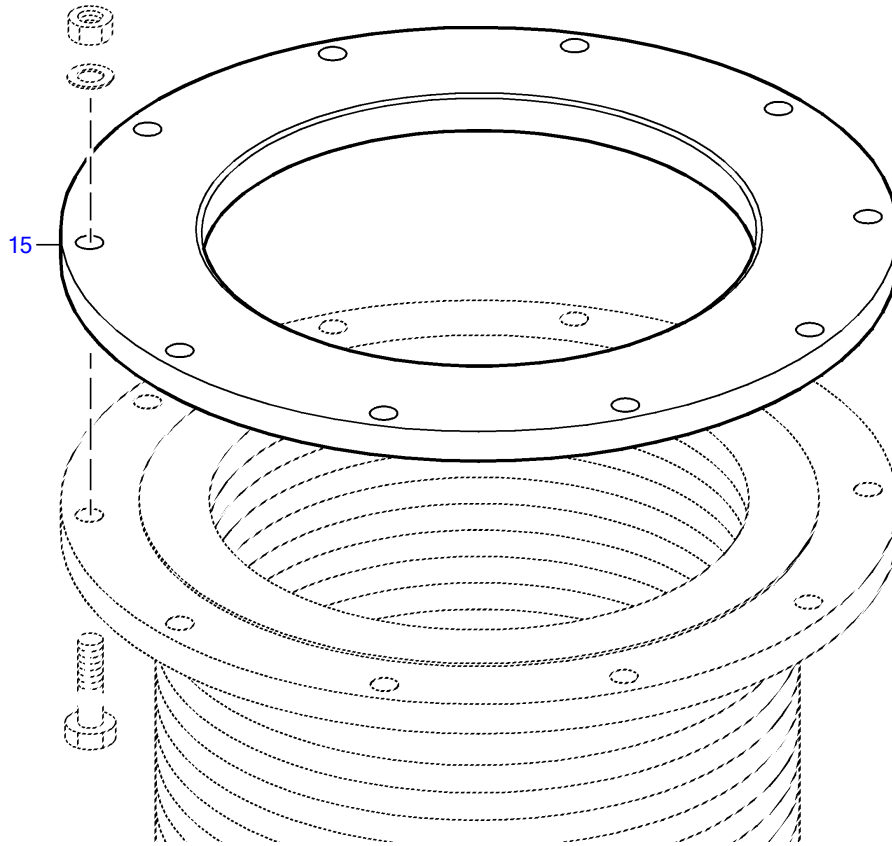
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
150	X59414500018	EXHAUST PIPE BELLOWS	2	PC	13,350 KG		
250	204014010004	HEX SCREW	16	PC	49 G	M 10 X 75	ISO4014
300	200433010500	WASHER	16	PC	1,900 G	10,5	DIN433
350	000000003317	HEX NUT	16	PC	5 G	M 10	ISO4032
370	200433010500	WASHER	16	PC	1,900 G	10,5	DIN433
450	204017010024	HEX SCREW	20	PC	37,500 G	M 10 X 50	ISO4017
500	200433010500	WASHER	20	PC	1,900 G	10,5	DIN433
550	000000003317	HEX NUT	20	PC	5 G	M 10	ISO4032
600	200433010500	WASHER	20	PC	1,900 G	10,5	DIN433

GROUP NUMBER (FG)
GROUP NAME
BOM-No.



FLANGE
140.00038

14600014a



14600014a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
15	5261420115	FLANGE	2	PC	4,215 KG

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
STARTING SYSTEM

SERIAL NUMBER: 527110279
FG/FGS: 170

GROUP NUMBER (FG)

GROUP NAME

BOM-No.

STARTING VALVE ELECTR. OPERATED
BK527170.304937-01

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
STARTING VALVE ELECTR. OPERATED

SERIAL NUMBER: 527110279

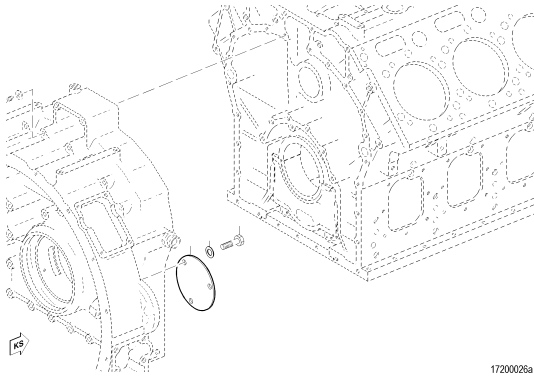
FG/FGS: 170 00
BOM-No.: BK527170.304937-01

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
150	206796008000	CONICL SPRING WASHER	6	PC	2,900 G	8	DIN6796
200	304032008014	NUT HEX 8 A3C	3	PC	4,800 G	M 8	ISO4032
250	204014008009	HEX SCREW	3	PC		M 8 X120	ISO4014
350	206796008000	CONICL SPRING WASHER	2	PC	2,900 G	8	DIN6796
400	304017008081	HEX BOLT	2	PC	13,500 G	M 8 X 25	ISO4017

GROUP NUMBER (FG)

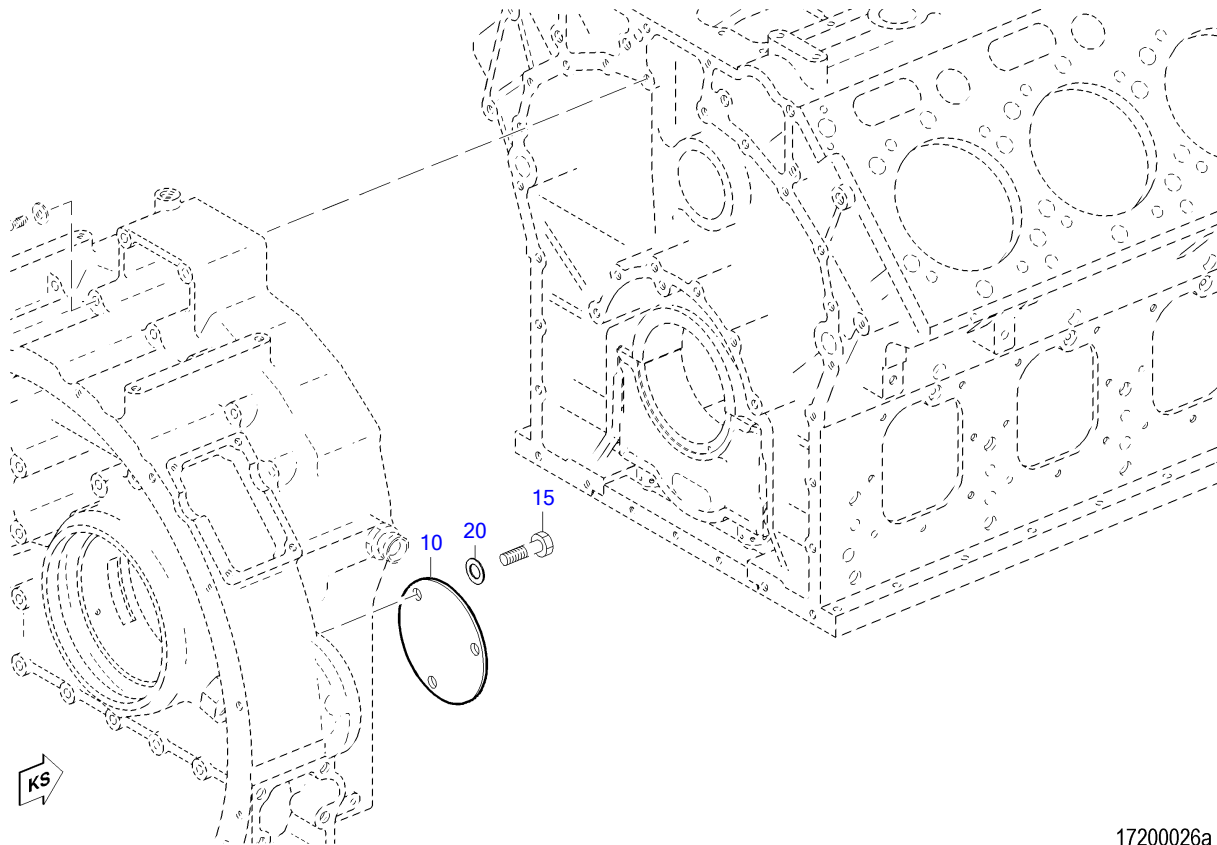
GROUP NAME

BOM-No.



GUARD PLATE
170.00016

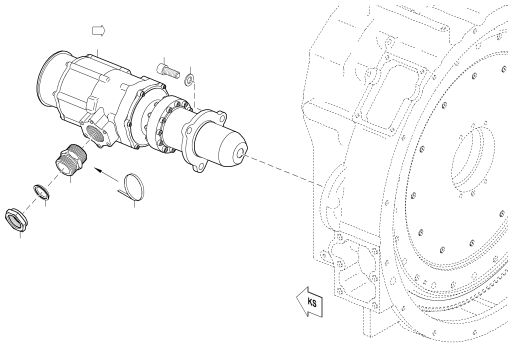
17200026a



17200026a

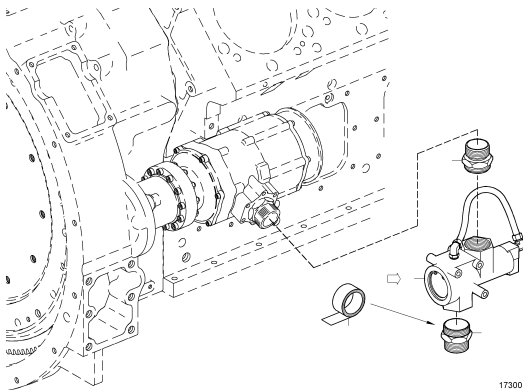
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	5240140815	PLATE GUARD	4000	1	PC	272,300 G		
15	000933016001	BOLT HEX		3	PC	65 G	M 16 X 20	DIN933
20	000125017014	WASHER		3	PC	10 G	A 17	DIN125

GROUP NUMBER (FG)
GROUP NAME
BOM-No.



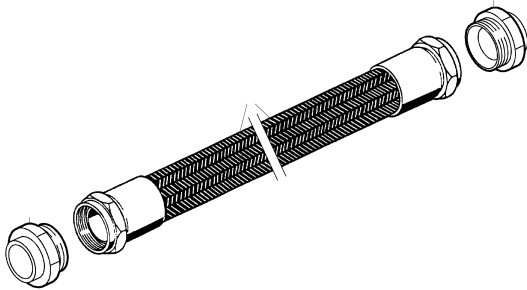
STARTER FOR COMPRESSED AIR
170.00142

17300236



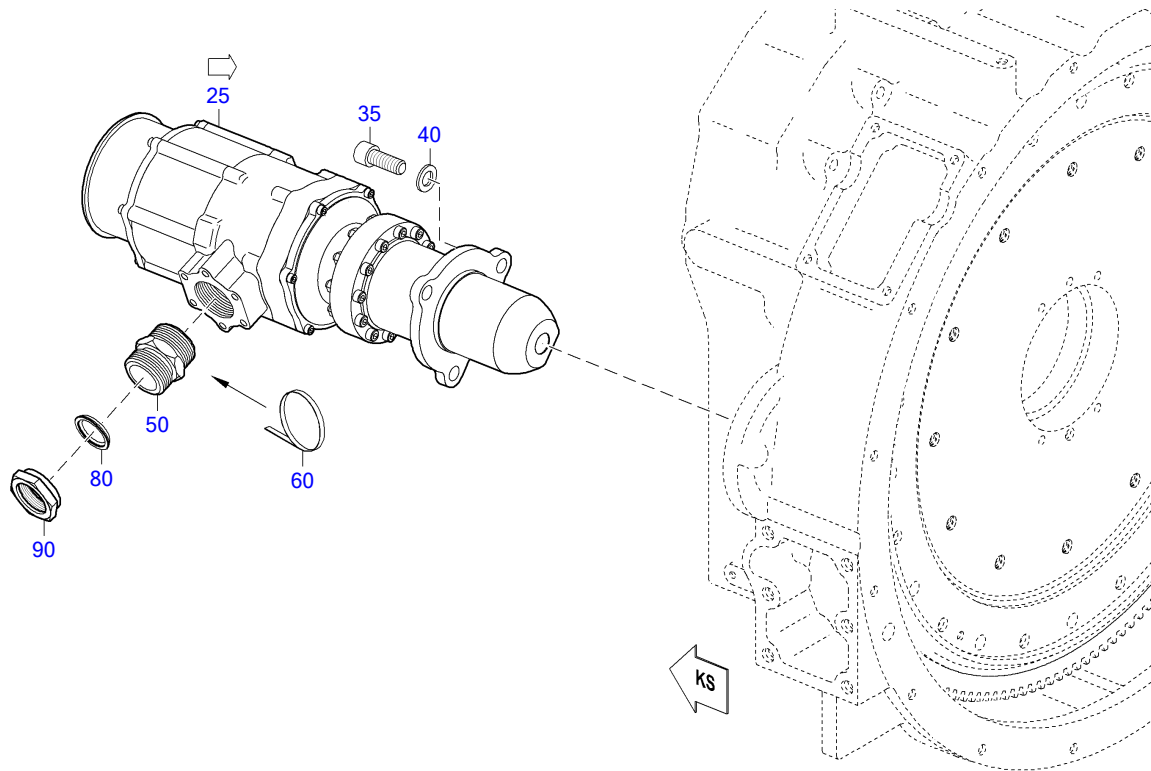
CONNECTING HARDWARE FOR AIR START
170.00143

17300176



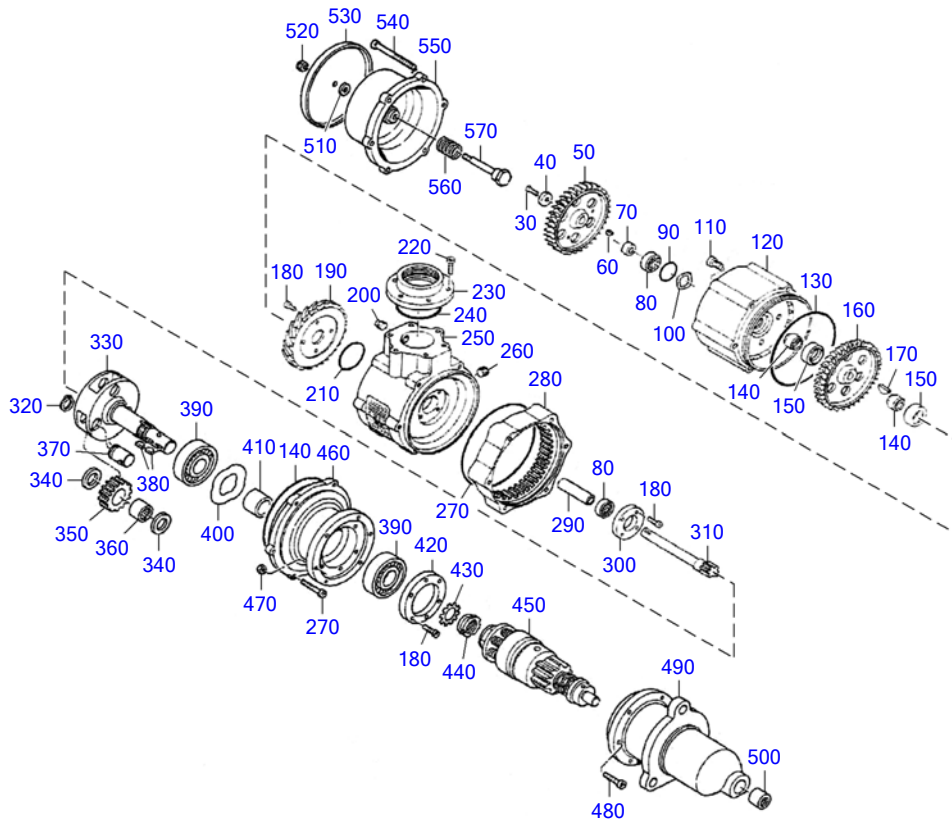
AIR HOSE
XS594170.00005

2070004c



17300236

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
25	X52617300001	STARTER AIR LEFT SIDE	1	PC	24,540 KG		
35	000912016002	BOLT HEX SOC HD	3	PC	93 G	M 16 X 40	DIN912
40	200433017000	WASHER	3	PC	6,600 G	17	DIN433
50	X52617300003	SCREW-FITTING UNION FOR COMPRESSED AIR	1	PC	384 G		
60	50155	TAPE SEALING PTFE	1	PC	14,800 G	12 X 0,1	MTS5034
80	735189042000	SEALING CONE	1	PC	51 G	42	MTN5189
90	915001040002	NUT 40 M52X1.5 BL.GEOELT	1	PC		40 M 52 X 1,5	N15001



17300203

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
30	XP52717300017	SCREW	1	PC			
40	XP52717300018	WASHER	1	PC			
50	XP52717300019	ROTOR	1	PC			
60	XP52717300020	STUD	1	PC			
70	XP52717300077	WASHER	1	PC			
80	Z=9-91224	BALL BEARING	2	PC			
90	XP52717300063	O-RING	1	PC	1 G		
100	XP52717300074	SNAP RING	1	PC	2 G		
110	XP52717300078	SCREW	4	PC		AC	
120	XP52717300021	NOZZLE RING	1	PC		EM	
130	XP52717300004	O-RING	1	PC	1 G		
140	XP52717300001	SEALING RING	2	PC	18 G		
150	XP52717300002	SEALING STRIP	2	PC	1 G		
160	XP52717300023	ROTOR	1	PC			
170	XP52717300024	KEY	1	PC			
180	XP52717300025	SCREW	8	PC			
190	XP52717300032	NOZZLE	1	PC			
200	XP52717300034	PLUG	1	PC			
210	XP52717300005	O-RING	1	PC	1 G		
220	XP52717300035	SCREW	6	PC			
230	XP52717300036	INLET RING	1	PC			
240	XP52717300006	O-RING	1	PC	1 G		
250	XP52717300079	HOUSING	1	PC		AC	
260	XP52717300041	PLUG	1	PC			
270	XP52717300004	O-RING	2	PC	1 G		

EQUI TYPE: Engine

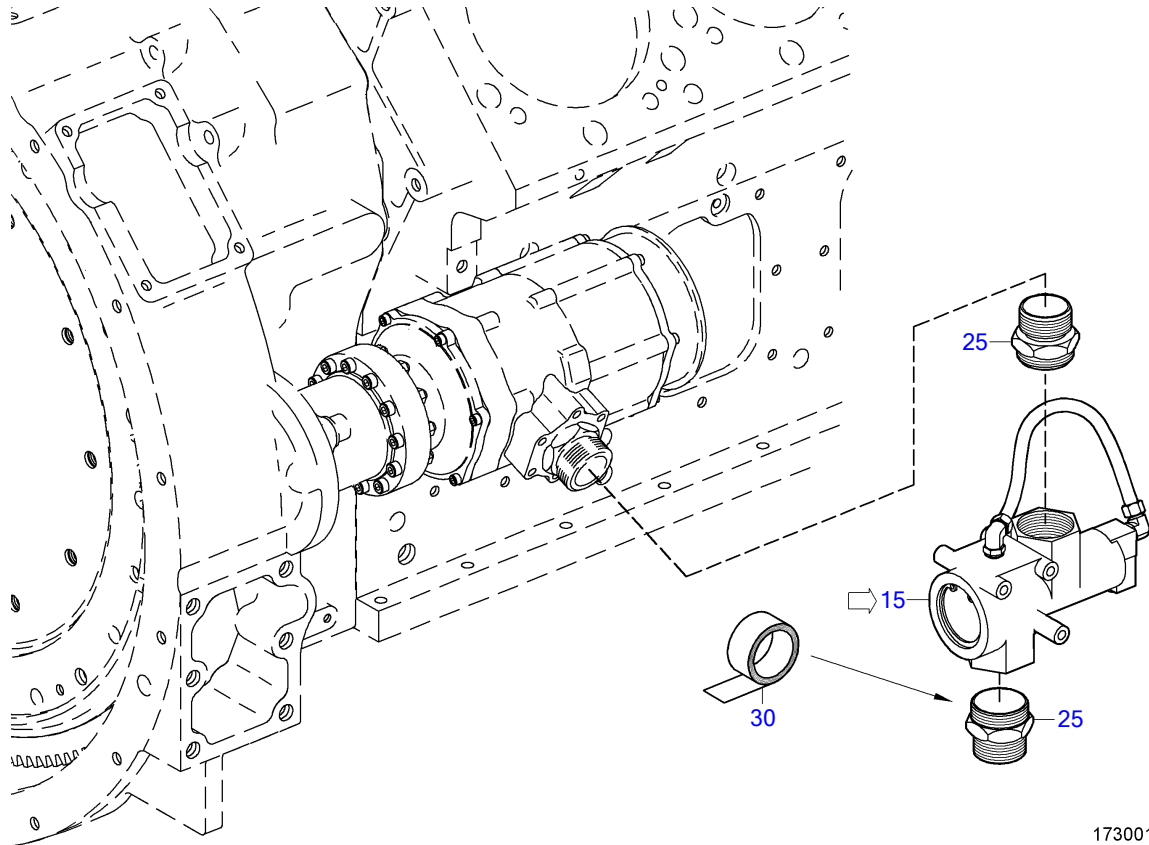
PRODUCT TYPE: 16V4000M23S
STARTER AIR LEFT SIDE

SERIAL NUMBER: 527110279

FG/FGS:

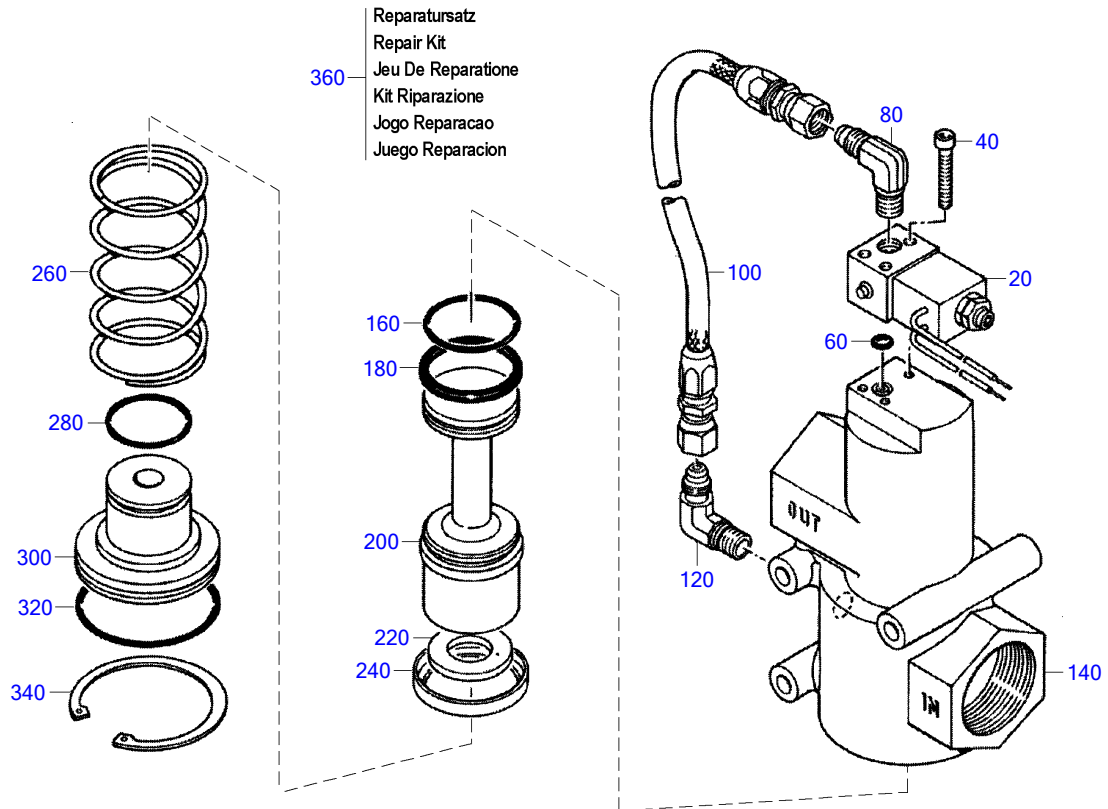
BOM-No.: X52617300001

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
280	XP52717300080	RING GEAR	1	PC		AC	
290	XP52717300043	BEARING BUSHING	1	PC	40 G		
300	XP52717300045	WASHER	1	PC	0,500 KG		
310	XP52717300081	TURBINE SHAFT	1	PC		AC	
320	XP52717300008	CLAMPING RING	3	PC	1 G		
330	XP52717300047	PLANETARY GEARING	1	PC			
340	XP52717300048	WASHER	6	PC			
350	XP52717300049	GEAR	1	PC			
360	XP52717300009	NEEDLE BEARING	3	PC	3 G		
370	XP52717300050	PIN	3	PC			
380	XP52717300051	KEY	2	PC			
390	XP52717300010	GROOVED BALL BEARING	2	PC	352,100 G		
400	XP52717300011	WASHER	1	PC	1 G		
410	XP52717300052	BEARING BUSHING	1	PC	81 G		
420	XP52717300055	PLATE	1	PC			
430	XP52717300056	WASHER	1	PC	0,200 KG		
440	XP52717300059	RETAINER	1	PC			SICHERUNGSMUTTER
450	XP52717300082	PINION	1	PC	1 KG		
460	XP52717300060	GEARBOX HOUSING	1	PC			
470	XP52717300061	LOCATING PIN	6	PC			
480	XP52717300058	SCREW	12	PC			
490	XP52717300072	HOUSING	1	PC			
500	XP52717300073	NEEDLE BEARING	1	PC	28,900 G		
510	XP52717300065	WASHER	1	PC	2,360 G		
520	XP52717300066	NUT	1	PC	5,600 G		
530	XP52717300067	COVER	1	PC			
540	XP52717300068	SCREW	6	PC			
550	XP52717300069	HOUSING	1	PC			
560	XP52717300070	PRESSURE SPRING	1	PC			
570	XP52717300071	SCREW	1	PC			



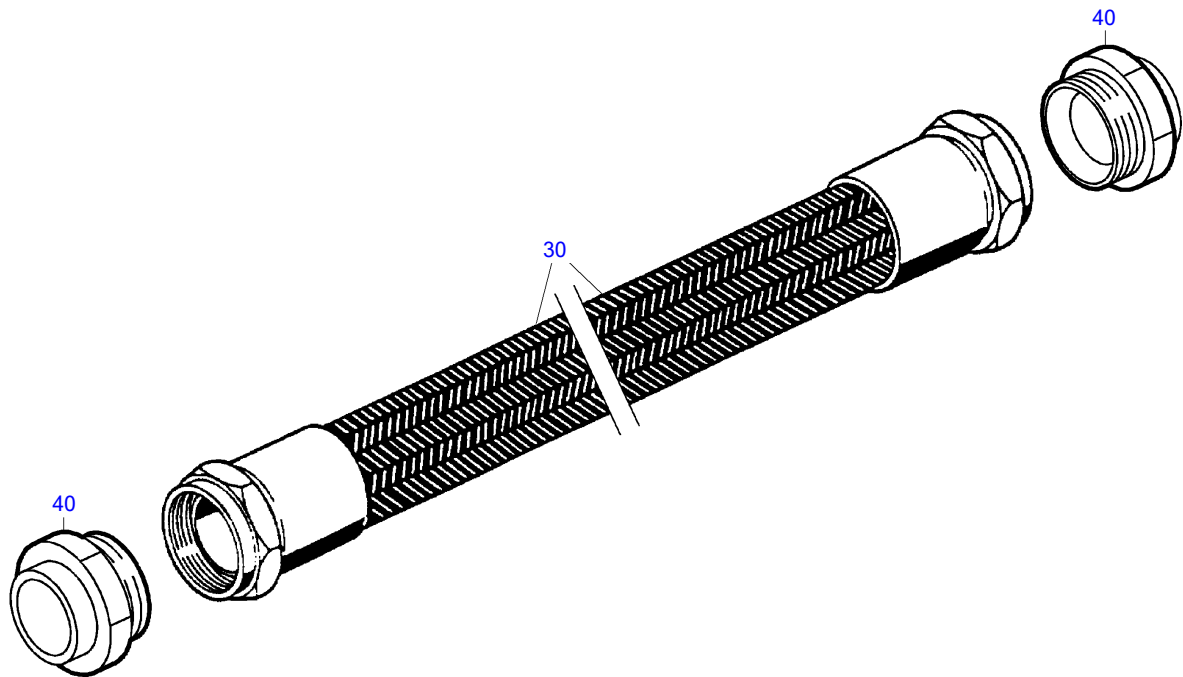
17300178

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
15	5281700102	VALVE AIR STARTER	1	PC	1,949 KG
25	X52617300003	SCREW-FITTING UNION FOR COMPRESSED AIR	2	PC	384 G



17300186

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN
20	XP52899100585	VALVE		1	PC		
40	XP52899100586	SCREW		3	PC		
60	XP52899100588	O-RING		1	PC		
80	XP52899100590	UNION		1	PC		
100	XP52899100592	HOSE		1	PC	0,055 KG	
120	XP52899100593	ELBOW		1	PC		
140	XP52899100594	HOUSING		1	PC		
160	XP52899100595	O-RING		1	PC		
180	XP52899100596	RING		1	PC		
200	XP52803700019	PISTON		1	PC		EM
220	XP52899100603	DAMPER ELEMENT		1	PC		
240	XP52899100602	RING		1	PC		
260	XP52899100601	PRESSURE SPRING		1	PC		
280	XP52899100597	PISTON RING, COMP.		1	PC		
300	XP52899100600	COVER		1	PC		
320	XP52899100598	RING		1	PC		
340	XP52899100599	CIRCLIP		1	PC		
360	XP52800600016	REPAIR KIT	ZU 5281700102	1	PC		



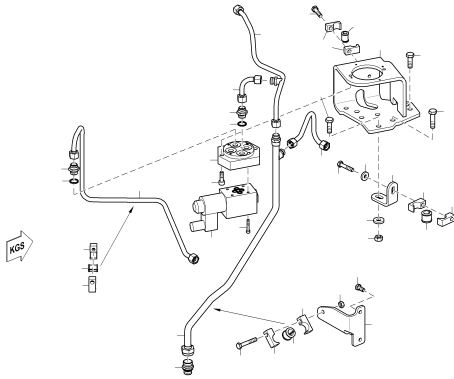
20700004c

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
30	X59412300006	HOSE	DN 40	1	PC	1,720 KG		
40	718363240009	UNION		2	PC	215 G	42/M 52 X 1,5	MMN18363.2

GROUP NUMBER (FG)
GROUP NAME
BOM-No.

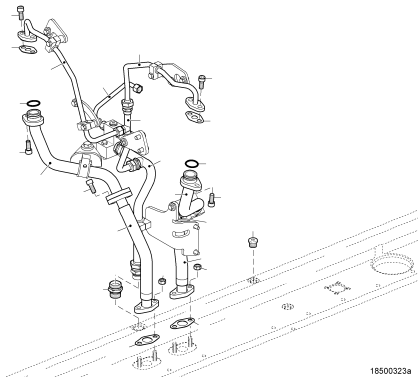
CONNECTING HARDWARE
BK310180.304937-01

OIL PRIMING PUMP
BK527180.304937-01



FLAP CONTROL
XS594180.00080

18000359a



T/CHARGER OIL SUPPLY
XS595180.00046

18500323a

OIL HEAT EXCHANGER WITH TEST CERT. 3.1
XS595180.00061

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CONNECTING HARDWARE

SERIAL NUMBER: 527110279

FG/FGS: 180 00
BOM-No.: BK310180.304937-01

POS.	PART NO.	DESIGNATION	QTY.	UNITS	FN	MEASUREMENT
50	X58499100029	ELBOW	2	PC	SB	22X1.5

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
OIL PRIMING PUMP

SERIAL NUMBER: 527110279

FG/FGS: 180 00

BOM-No.: BK527180.304937-01

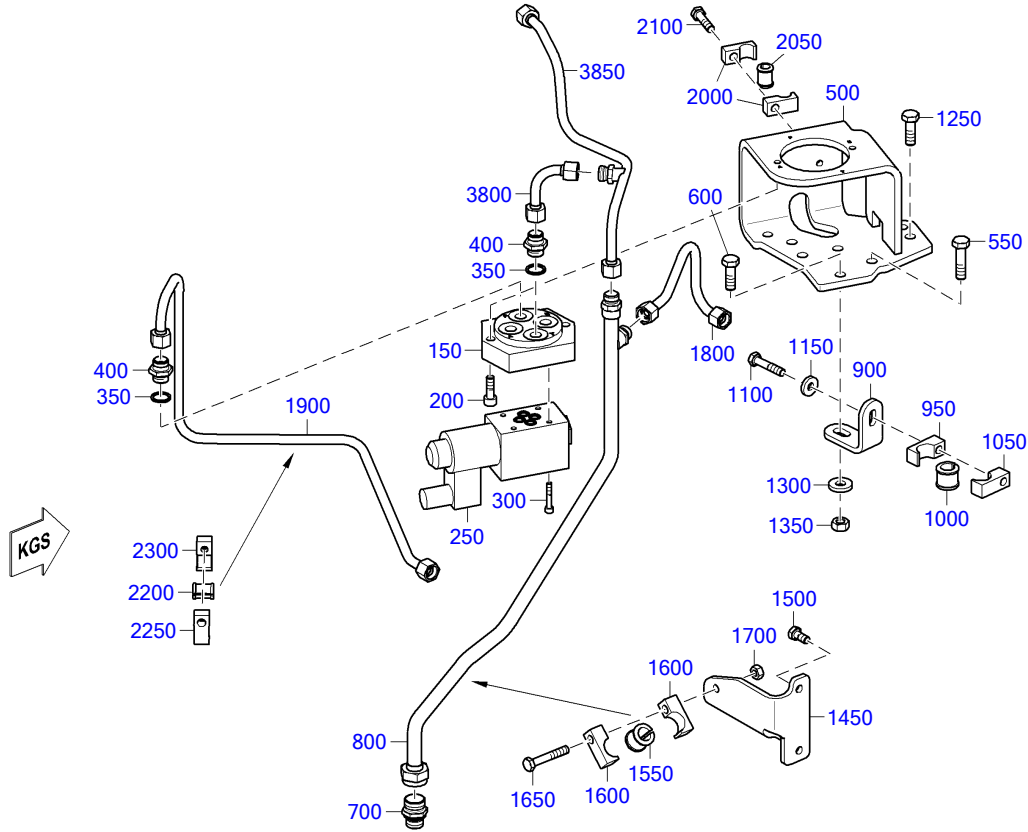
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
100	700160000020	ELBOW 90 DEG KR 20	1	PC	210 G	KR 20	MMN160
150	700419999001	UNION 20G 3/4 A	1	PC	81,500 G	22 G 3/4 A	MMN419
200	007603027100	WASHER A COP	1	PC	3,200 G	A 27 X 32	DIN7603
250	X52799100054	BALL COCK	1	PC		ZL311024	
300	007603027100	WASHER A COP	1	PC	3,200 G	A 27 X 32	DIN7603
350	700419999001	UNION 20G 3/4 A	1	PC	81,500 G	22 G 3/4 A	MMN419
400	700160000020	ELBOW 90 DEG KR 20	1	PC	210 G	KR 20	MMN160
550	206796008000	CONICL SPRING WASHER	8	PC	2,900 G	8	DIN6796
600	304032008014	NUT HEX 8 A3C	4	PC	4,800 G	M 8	ISO4032
650	304017008084	BOLT HEX A3C	4	PC	16,565 G	M 8 X 35	ISO4017

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
FLAP CONTROL

SERIAL NUMBER: 527110279

FG/FGS: 180 00
BOM-No.: XS594180.00080



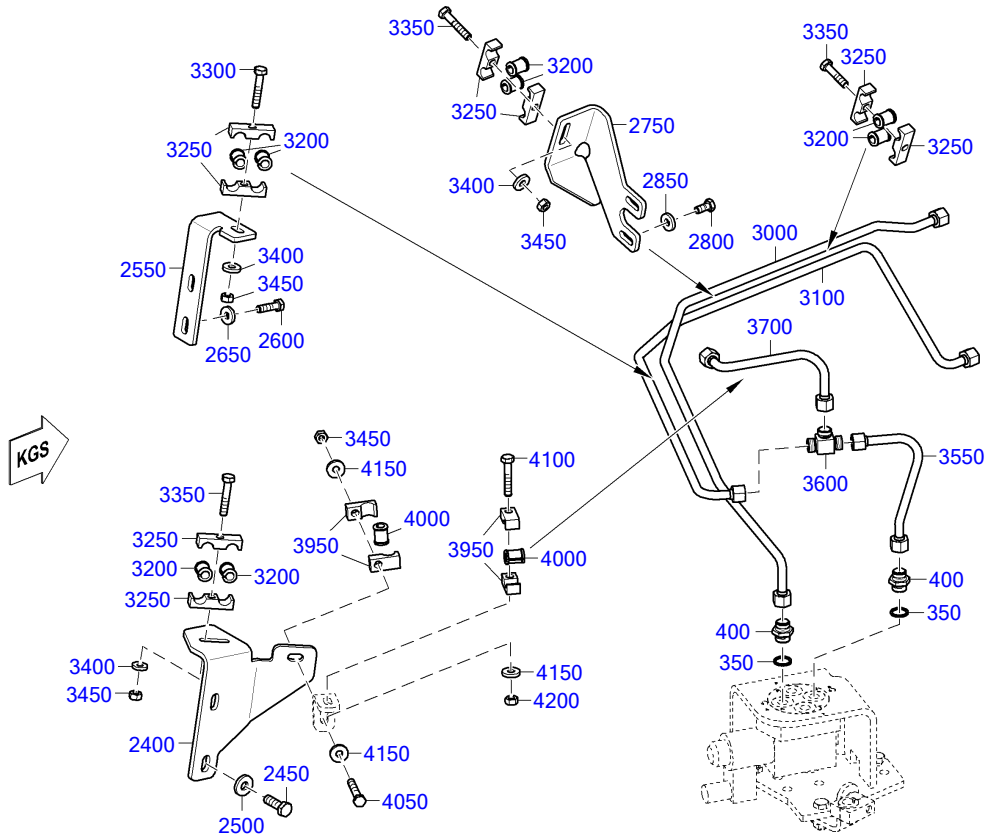
18000389a

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
FLAP CONTROL

SERIAL NUMBER: 527110279

FG/FGS: 180 00
BOM-No.: XS594180.00080



18000388a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
150	X59499100043	VALVE MOUNTING PLATE	1	PC	1,200 KG			
200	000912008055	BOLT HEX SOC HD	2	PC	15 G		M 8 X 25	DIN912
250	X00041391	ACTUATOR VLV	1	PC	1,880 KG			
300	000000003558	BOLT HEX SOC ZNPH R5F	4	PC	5,400 G		M 5 X 30	DIN912
350	007603017102	WASHER A COP	4	PC	1,180 G		A 17 X 21	DIN7603
400	700419999004	UNION 8G 3/8 A	4	PC	33 G		10 G 3/8 A	MMN419
500	X59599100094	RETAINER	1	PC	3,165 KG			
510	000000001039	BOLT HEX A3C	1	PC	29,800 G		M 10 X 40	ISO4017
515	204017010021	BOLT A3C	1	PC	33,200 G		M 10 X 45	ISO4017
530	X59599100096	RETAINER	1	PC	1,345 KG			
540	000125008427	WASHER	2	PC	1,500 G		A 8,4	DIN125
550	304017008081	HEX BOLT	2	PC	13,500 G		M 8 X 25	ISO4017
560	000125010524	WASHER	2	PC	3,100 G		A 10,5	DIN125
570	000000001464	BOLT HEX A3C	2	PC	25 G		M 10 X 30	ISO4017
700	735211015000	UNION	1	PC			15M 18 X 1,5	MTN5211
800	X52618500033	OIL LINE	1	PC		SB		
900	X59420200167	RETAINER	1	PC	141 G			
950	700325022100	CLAMP HALF TUBE 1/1 D9-22	1	PC	48 G		1/1 D 9 - 22	MMN325
1000	700327015000	GROMMET	1	PC	7,180 G		15	MMN327
1050	700325022200	CLAMP HALF TUBE 1/1 G8-22	1	PC	49 G		1/1 G 8 - 22	MMN325
1100	304017008085	BOLT HEX	1	PC	18 G		M 8 X 40	ISO4017
1150	007349008002	WASHER	1	PC	8,300 G		8,4	DIN7349
1250	000000001464	BOLT HEX A3C	1	PC	25 G		M 10 X 30	ISO4017
1300	007349010002	WASHER	1	PC	11 G		10,5	DIN7349
1350	000000003187	NUT HEX A3C	1	PC			M 10	ISO4032
1450	X59499100442	RETAINER	1	PC				
1500	204017008009	BOLT	2	PC	11 G		M 8 X 18	ISO4017
1550	700327015000	GROMMET	1	PC	7,180 G		15	MMN327
1600	700325022100	CLAMP HALF TUBE 1/1 D9-22	1	PC	48 G		1/1 D 9 - 22	MMN325
1650	700325022200	CLAMP HALF TUBE 1/1 G8-22	1	PC	49 G		1/1 G 8 - 22	MMN325
1700	304017008083	BOLT HEX A3C	1	PC	15 G		M 8 X 30	ISO4017
1800	X52618500034	OIL LINE	1	PC		SB		
1900	X59418500058	OIL LINE	1	PC	0,192 KG	SB		
2000	700325015100	CLAMP HALF TUBE 1/1 D9-15	2	PC	34,030 G		1/1 D 9 - 15	MMN325
2050	700327010000	GROMMET	1	PC	3,650 G		10	MMN327
2100	304017008084	BOLT HEX A3C	1	PC	16,565 G		M 8 X 35	ISO4017
2200	700327010000	GROMMET	1	PC	3,650 G		10	MMN327
2250	700325015100	CLAMP HALF TUBE 1/1 D9-15	1	PC	34,030 G		1/1 D 9 - 15	MMN325
2300	700325015200	CLAMP HALF TUBE 1/1 G8-15	1	PC	35 G		1/1 G 8 - 15	MMN325
2400	X59599100098	RETAINER	1	PC				
2450	000000001464	BOLT HEX A3C	2	PC	25 G		M 10 X 30	ISO4017
2500	007349010002	WASHER	2	PC	11 G		10,5	DIN7349
2550	X52699100201	RETAINER	1	PC				
2600	304017008083	BOLT HEX A3C	2	PC	15 G		M 8 X 30	ISO4017
2650	007349008002	WASHER	2	PC	8,300 G		8,4	DIN7349
2750	X52618500026	RETAINER	1	PC				
2800	204017008009	BOLT	2	PC	11 G		M 8 X 18	ISO4017
2850	007349008002	WASHER	2	PC	8,300 G		8,4	DIN7349
3000	X59418500061	OIL LINE	1	PC		SB		
3100	X59418500059	OIL LINE	1	PC		SB		
3170	X00006907	RETAINER	1	PC				
3200	700327010000	GROMMET	8	PC	3,650 G		10	MMN327
3250	700325015104	CLAMP HALF TUBE 2/1 D9-15	8	PC	47 G		2/1 D 9 - 15	MMN325
3300	304017008084	BOLT HEX A3C	1	PC	16,565 G		M 8 X 35	ISO4017

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S

SERIAL NUMBER: 527110279

FLAP CONTROL

FG/FGS: 180 00

BOM-No.: XS594180.00080

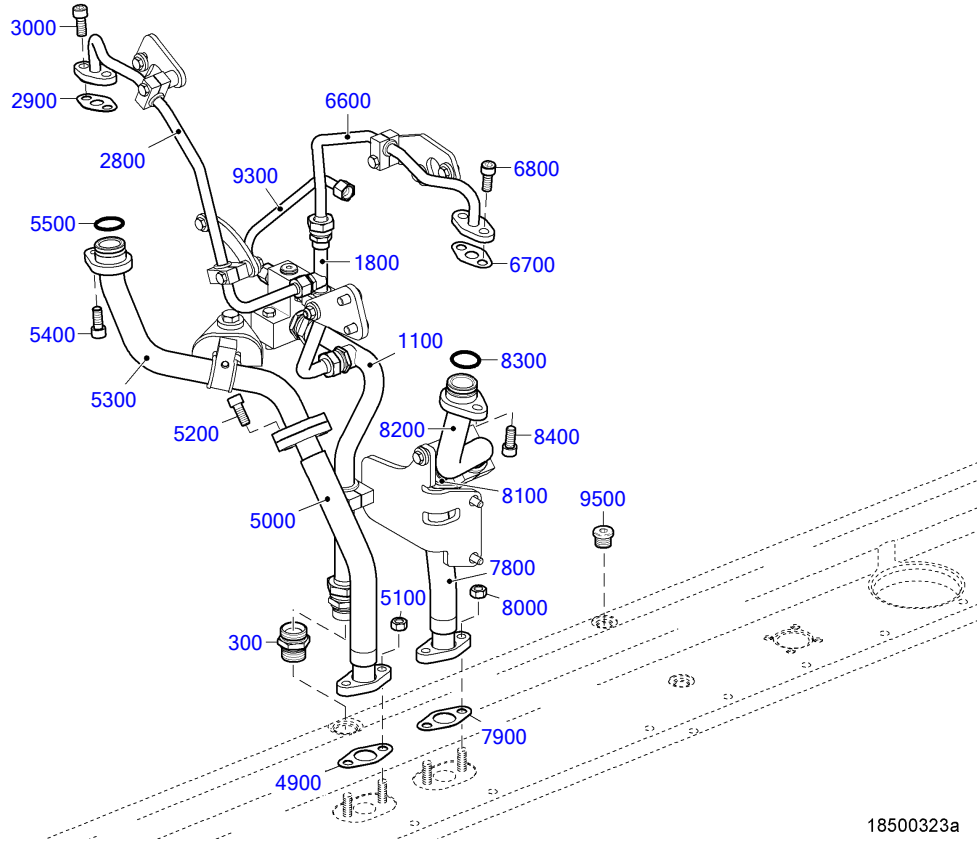
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
3350	304017008086	BOLT HEX A3C	2	PC	19,400 G		M 8 X 45	ISO4017
3360	304017008088	BOLT HEX A3C	1	PC	23,440 G		M 8 X 55	ISO4017
3400	007349008002	WASHER	4	PC	8,300 G		8,4	DIN7349
3450	304032008014	NUT HEX 8 A3C	3	PC	4,800 G		M 8	ISO4032
3550	X59418500053	OIL LINE	1	PC		SB		
3600	5569970674	FITTING TEE	1	PC	62 G		DN 8 / M16X1,5	
3700	X59418500054	OIL LINE	1	PC	95 G	SB		
3715	700325015100	CLAMP HALF TUBE 1/1 D9-15	1	PC	34,030 G		1/1 D 9 - 15	MMN325
3720	700325015200	CLAMP HALF TUBE 1/1 G8-15	1	PC	35 G		1/1 G 8 - 15	MMN325
3730	700327010000	GROMMET	1	PC	3,650 G		10	MMN327
3740	304017008084	BOLT HEX A3C	1	PC	16,565 G		M 8 X 35	ISO4017
3800	X59418500057	OIL LINE	1	PC	0,060 KG	SB		
3850	X59418500056	OIL LINE	1	PC	0,160 KG	SB		
3925	X59499100080	RETAINER	1	PC	85 G			
3950	700325015100	CLAMP HALF TUBE 1/1 D9-15	4	PC	34,030 G		1/1 D 9 - 15	MMN325
4000	700327010000	GROMMET	2	PC	3,650 G		10	MMN327
4050	304017008088	BOLT HEX A3C	1	PC	23,440 G		M 8 X 55	ISO4017
4100	304017008086	BOLT HEX A3C	1	PC	19,400 G		M 8 X 45	ISO4017
4150	007349008002	WASHER	3	PC	8,300 G		8,4	DIN7349
4200	304032008014	NUT HEX 8 A3C	2	PC	4,800 G		M 8	ISO4032

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
T/CHARGER OIL SUPPLY

SERIAL NUMBER: 527110279

FG/FGS: 180 00
BOM-No.: XS595180.00046

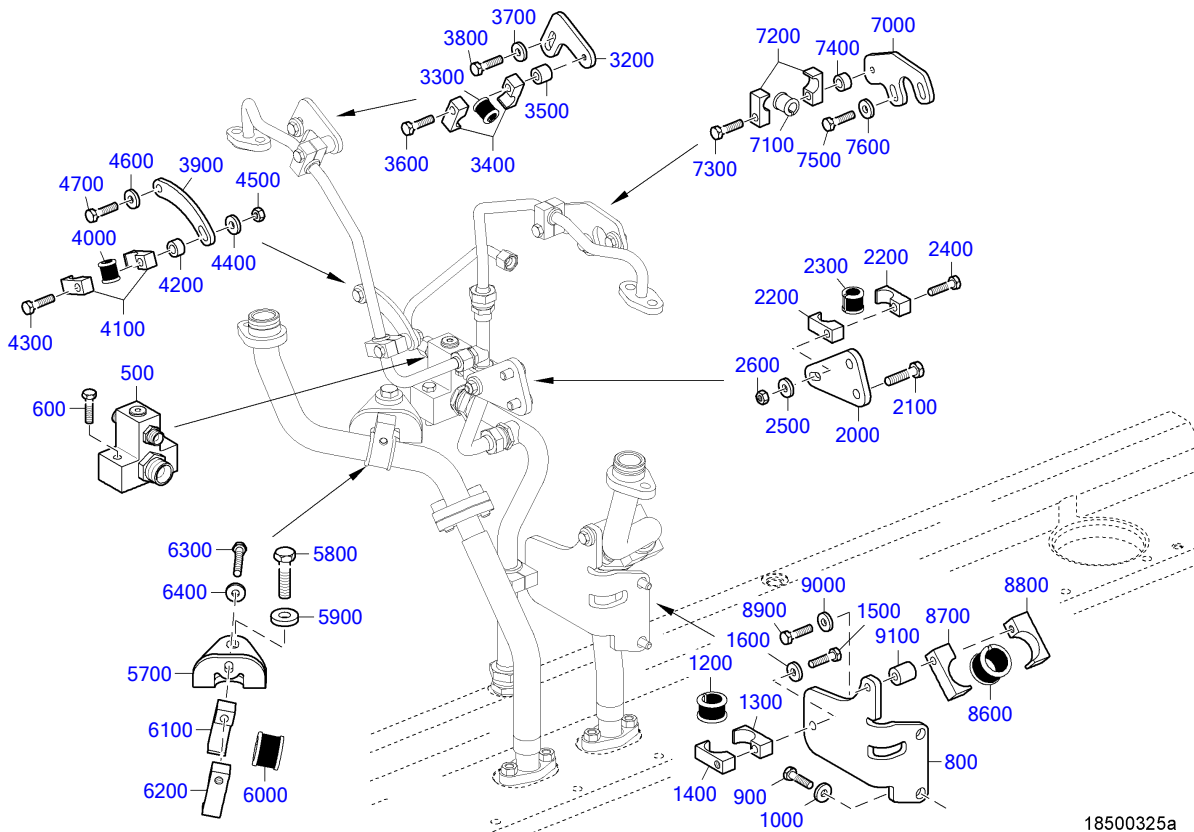


EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
T/CHARGER OIL SUPPLY

SERIAL NUMBER: 527110279

FG/FGS: 180 00
BOM-No.: XS595180.00046



POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
300	735211022000	UNION THD O-RING	1	PC	101,200 KG		22M 27 X 2	MTN5211
500	X52618500017	CONNECTING PIECE	1	PC	1,207 KG			
600	304017008086	BOLT HEX A3C	2	PC	19,400 G		M 8 X 45	ISO4017
800	X52618500018	RETAINER	1	PC				
900	304017008081	HEX BOLT	2	PC	13,500 G		M 8 X 25	ISO4017
1000	007349008002	WASHER	2	PC	8,300 G		8,4	DIN7349
1100	X52618500019	OIL SUPPLY LINE	1	PC	589 G	SB		
1200	700327022000	GROMMET	1	PC	9 G		22	MMN327
1300	700325028100	CLAMP HALF TUBE 1/1 D9-28	1	PC	55 G		1/1 D 9 - 28	MMN325
1400	700325028200	CLAMP HALF TUBE 1/1 G8-28	1	PC	57 G		1/1 G 8 - 28	MMN325
1500	304017008086	BOLT HEX A3C	1	PC	19,400 G		M 8 X 45	ISO4017
1800	X52618500020	OIL LINE	1	PC	272 G	SB		
2000	X52899100015	RETAINER	1	PC	262 G			
2100	000000003020	BOLT HEX A3C	2	PC	20,010 G		M 10 X 20	ISO4017
2200	700325022100	CLAMP HALF TUBE 1/1 D9-22	2	PC	48 G		1/1 D 9 - 22	MMN325
2300	700327015000	GROMMET	1	PC	7,180 G		15	MMN327
2400	304017008088	BOLT HEX A3C	1	PC	23,440 G		M 8 X 55	ISO4017
2500	007349008002	WASHER	1	PC	8,300 G		8,4	DIN7349
2600	304032008014	NUT HEX 8 A3C	1	PC	4,800 G		M 8	ISO4032
2800	X52618500022	OIL LINE	1	PC	261 G	SB		
2900	5501871180	GASKET	1	PC	1 G			
3000	000912010065	BOLT HEX SOC HD	2	PC	24,200 G		M 10 X 25	DIN912
3200	X59499100108	RETAINER	1	PC	57 G			
3300	700327012000	GROMMET	1	PC	4,600 G		12	MMN327
3400	700325018100	CLAMP HALF TUBE 1/1 D9-18	2	PC	40 G		1/1 D 9 - 18	MMN325
3500	83320300053	SPACER TUBE	1	PC	21,700 G			
3600	304017008087	BOLT HEX	1	PC	4,263 G		M 8 X 50	ISO4017
3700	007349008002	WASHER	1	PC	8,300 G		8,4	DIN7349
3800	204017008009	BOLT	1	PC	11 G		M 8 X 18	ISO4017
3900	X59499100512	RETAINER	1	PC	0,150 KG			
4000	700327012000	GROMMET	1	PC	4,600 G		12	MMN327
4100	700325018100	CLAMP HALF TUBE 1/1 D9-18	2	PC	40 G		1/1 D 9 - 18	MMN325
4200	55115300050	SPACER BUSHING	1	PC	13,310 G		Ø18/Ø10 x 10	
4300	304017008086	BOLT HEX A3C	1	PC	19,400 G		M 8 X 45	ISO4017
4600	007349008002	WASHER	2	PC	8,300 G		8,4	DIN7349
4700	204017008009	BOLT	2	PC	11 G		M 8 X 18	ISO4017
4900	X00009917	GASKET	2	PC	2,200 G			
5000	X59518500041	OIL RETURN LINE	1	PC		EM		
5100	000000003187	NUT HEX A3C	2	PC			M 10	ISO4032
5200	000912010065	BOLT HEX SOC HD	2	PC	24,200 G		M 10 X 25	DIN912
5300	X59518500043	OIL RETURN LINE	1	PC		SB EM		
5400	000912010065	BOLT HEX SOC HD	1	PC	24,200 G		M 10 X 25	DIN912
5500	700429028005	O-RING	1	PC	3 G		28,15X 3,5	MMN429
5700	X59418500037	RETAINER	1	PC				
5800	000000003381	BOLT HEX A3C	1	PC	41 G		M 12 X 35	ISO4017
5900	007349013002	WASHER	1	PC	22,600 G	MN	13	DIN7349
6000	700327028000	GROMMET	1	PC	13,510 G		28	MMN327
6100	700325035100	CLAMP HALF TUBE 1/1 D9-35	1	PC	104 G		1/1 D 9 - 35	MMN325
6200	700325035200	CLAMP HALF TUBE 1/1 G8-35	1	PC			1/1 G 8 - 35	MMN325
6300	304017008088	BOLT HEX A3C	1	PC	23,440 G		M 8 X 55	ISO4017
6400	007349008002	WASHER	1	PC	8,300 G		8,4	DIN7349
6600	X52618500021	OIL LINE	1	PC	257 G	SB		
6700	5501871180	GASKET	1	PC	1 G			
6800	000912010065	BOLT HEX SOC HD	2	PC	24,200 G		M 10 X 25	DIN912

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
7000	X59499100109	RETAINER	1	PC	179 G			
7100	700327012000	GROMMET	1	PC	4,600 G		12	MMN327
7200	700325018100	CLAMP HALF TUBE 1/1 D9-18	2	PC	40 G		1/1 D 9 - 18	MMN325
7300	304017008086	BOLT HEX A3C	1	PC	19,400 G		M 8 X 45	ISO4017
7400	5511530050	SPACER BUSHING	1	PC	13,310 G		Ø18/Ø10 × 10	
7500	204017008009	BOLT	2	PC	11 G		M 8 X 18	ISO4017
7600	007349008002	WASHER	2	PC	8,300 G		8,4	DIN7349
7800	X59518500042	OIL RETURN LINE	1	PC		EM		
7900	X00009917	GASKET	2	PC	2,200 G			
8000	000000003187	NUT HEX A3C	2	PC			M 10	ISO4032
8100	000912010065	BOLT HEX SOC HD	2	PC	24,200 G		M 10 X 25	DIN912
8200	X59518500044	OIL RETURN LINE	1	PC	670 G	SB EM		
8300	700429028005	O-RING	1	PC	3 G		28,15X 3,5	MMN429
8400	000912010065	BOLT HEX SOC HD	1	PC	24,200 G		M 10 X 25	DIN912
8600	700327028000	GROMMET	1	PC	13,510 G		28	MMN327
8700	700325035100	CLAMP HALF TUBE 1/1 D9-35	1	PC	104 G		1/1 D 9 - 35	MMN325
8800	700325035200	CLAMP HALF TUBE 1/1 G8-35	1	PC			1/1 G 8 - 35	MMN325
8900	000000004389	HEX SCREW	1	PC	29,800 G		M 8 X 75	ISO4017
9000	007349008002	WASHER	1	PC	8,300 G		8,4	DIN7349
9100	5564910150	BUSHING	1	PC	44 G			
9300	X52618500023	OIL LINE	1	PC		SB		
9500	735210018000	PLUG	1	PC	35,800 KG		M 18 X 1,5	MTN5210

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
OIL HEAT EXCHANGER WITH TEST CERT. 3.1

SERIAL NUMBER: 527110279

FG/FGS: 180 00

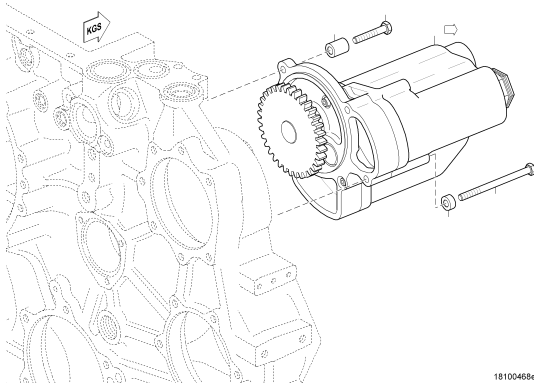
BOM-No.: XS595180.00061

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
100	0001803465/87	OIL HEAT EXCHANGER WITH TEST CERT. 3.1	MIT 61 PLATTEN	1	PC	53,500 KG	EM		
200	700429050003	O-RING		4	PC	4,600 G		50 X 4	MMN429
250	000912010066	BOLT HEX SOC HD		4	PC	29 G		M 10 X 35	DIN912
300	000125010524	WASHER		4	PC	3,100 G		A 10,5	DIN125
350	X59518300010	OIL. DISTR. HOUSING		1	PC				
450	700429075001	O-RING		2	PC	10,900 G		75 X 5	MMN429
500	000939012061	STUD		3	PC	40,500 G		M 12 X 40	DIN939
550	000125013012	WASHER		3	PC	5,320 G	MN	A 13	DIN125
600	000000004744	HEX NUT		3	PC	32 G		M 12	ISO4032
650	000000003378	HEX SCREW		3	PC	124 G		M 12 X130	ISO4014
750	X59318300025	RETURN LOCK FOR OIL COOLER		2	PC	9,114 KG			
800	700429060002	O-RING		4	PC	5,870 G		60 X 4	MMN429
850	000000001039	BOLT HEX A3C		6	PC	29,800 G		M 10 X 40	ISO4017

GROUP NUMBER (FG)

GROUP NAME

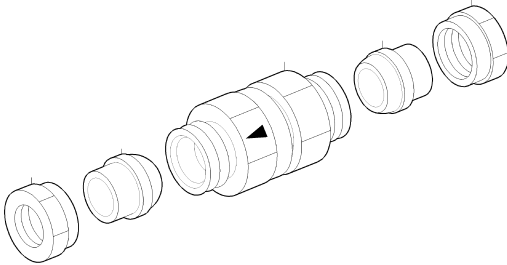
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18100468e

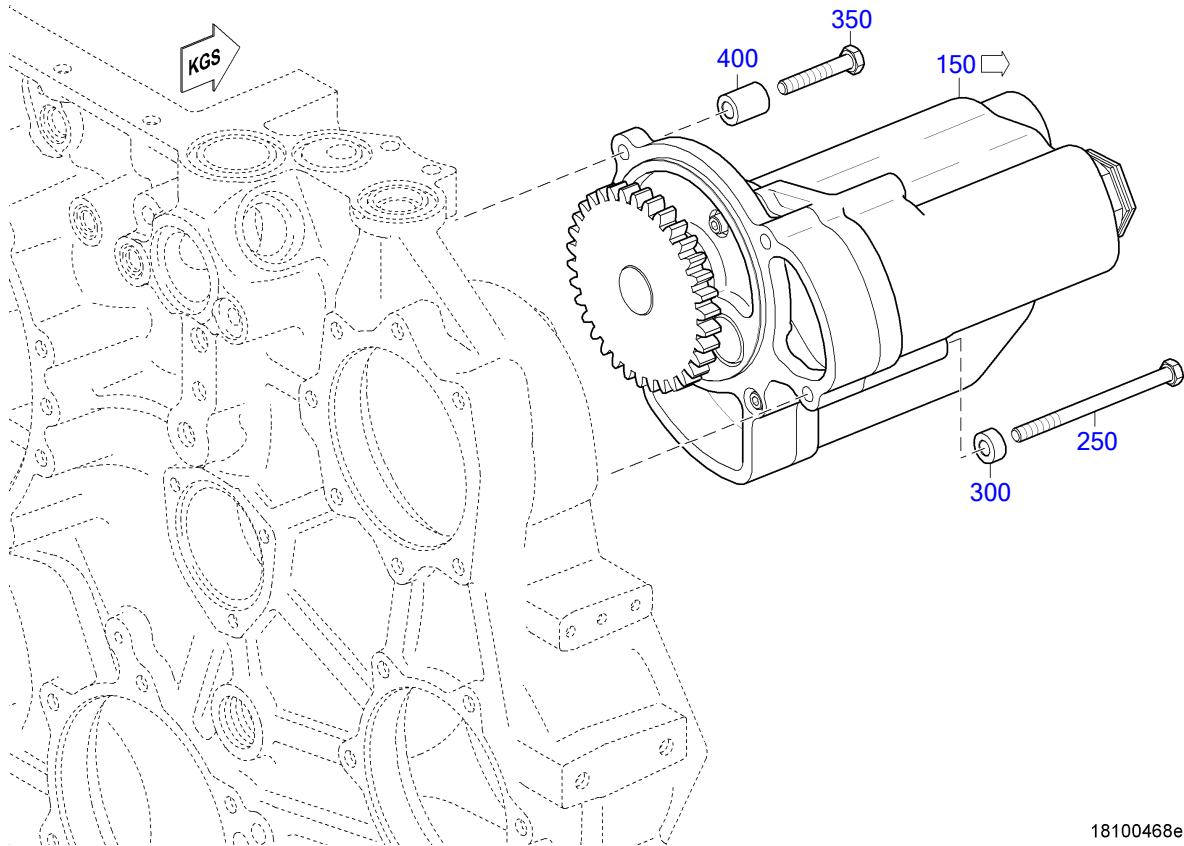
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XS527180.00010

PUMP UNIT
XS594180.00111



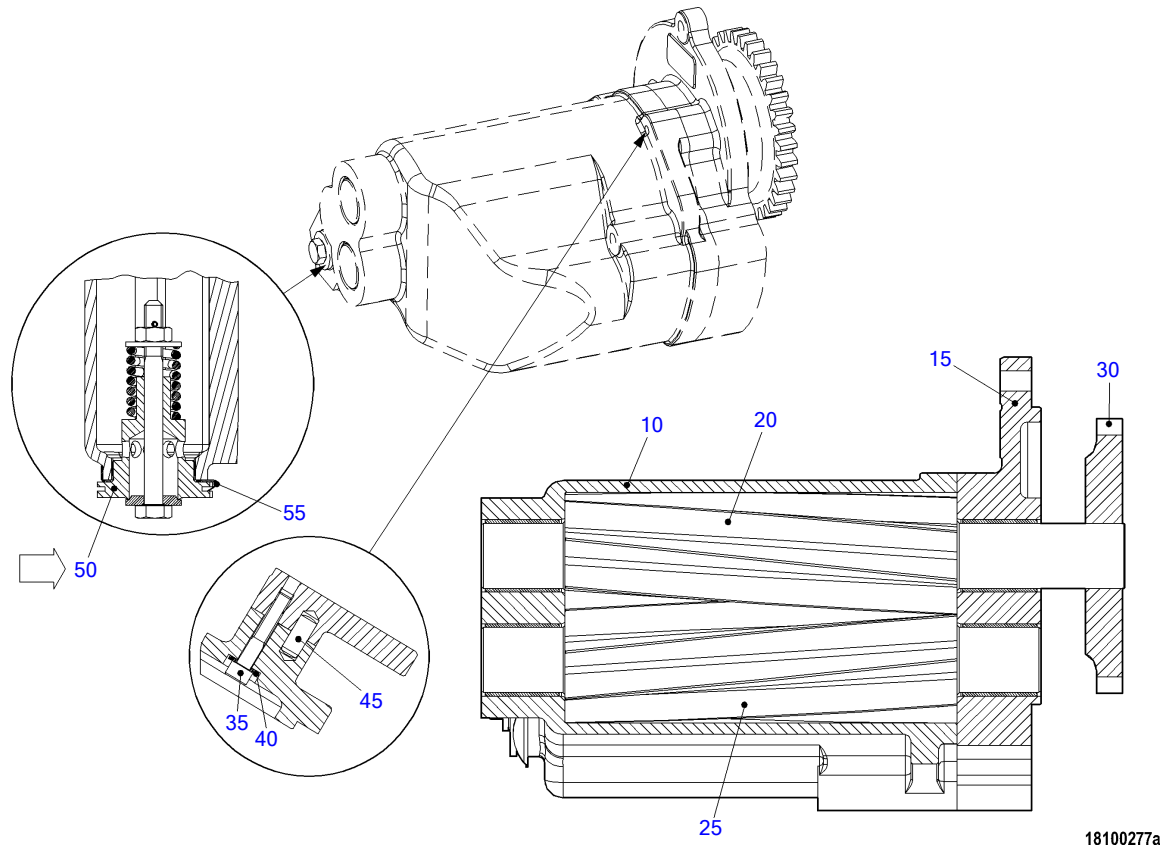
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NON-RETURN VALVE FOR OIL PRIMING PUM
180.00443



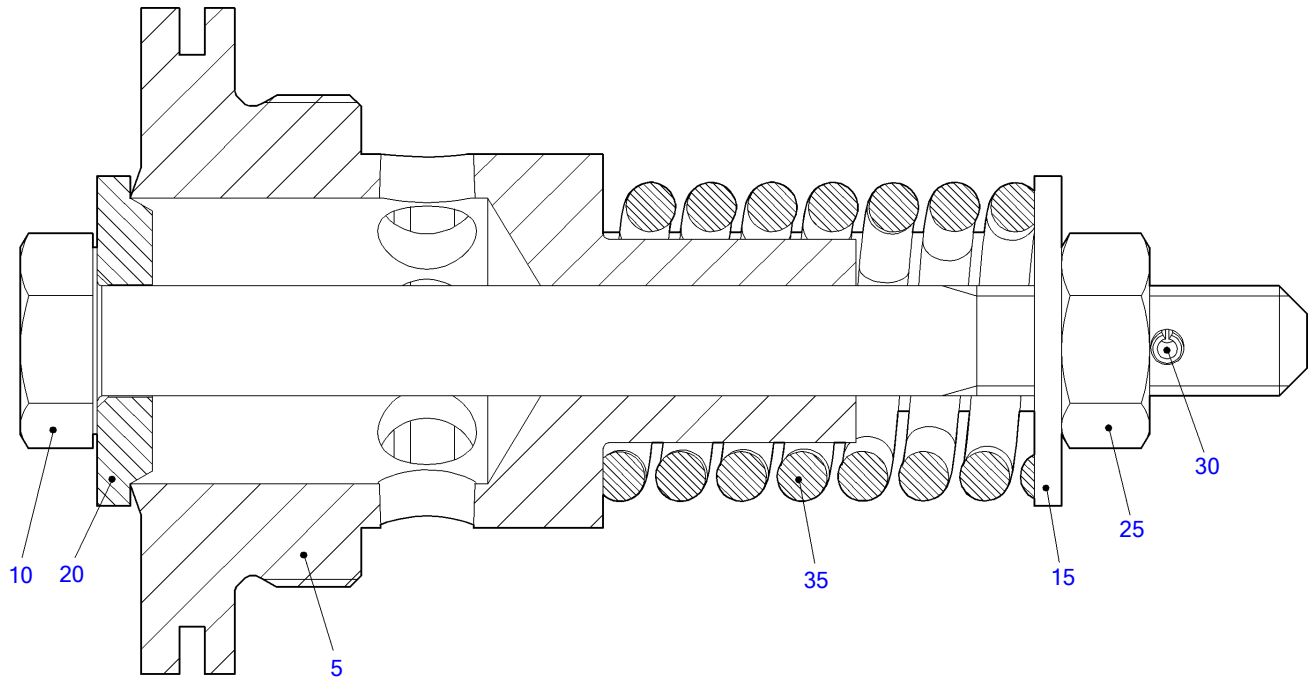
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POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
150	0021806201	O/PUMP ASM		1	PC				
250	304014010015	BOLT HEX		3	PC	91 G		M 10 X140	ISO4014
300	735151010200	SPACER S2000/4000		3	PC	22,300 G	MN	B 10,5	MTN5151
350	304017010051	BOLT HEX		1	PC	39,800 G		M 10 X 60	ISO4017
400	5241871853	SPACER SLEEVE	BR 4000	1	PC	65 G		11MM X 22MM L=28	



18100277a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10		HOUSING	1	PC		KE		
15	Z=404824	COVER	1	PC		AC		
20	Z=404881	SHAFT	1	PC		AC		
25	Z=404882	AXLE	1	PC		AC		
30	Z=404880	GEAR	1	PC		AC		
35	000912008072	BOLT HEX SOC HD	3	PC	22,060 G		M 8 X 45	DIN912
40	206796008000	CONICL SPRING WASHER	3	PC	2,900 G		8	DIN6796
45	000007010130	DOWEL PIN	2	PC			10 M6 X 24	DIN7
50	Z=413549	VALVE	1	PC				
55	Z=409853	WASHER	1	PC				



18100278a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
5	Z=176215-2	VALVE SEAT	1	PC		AC		
10	Z=176566-8	SCREW	1	PC		AC	M 10 X 110 -D3	
15	Z=252593-9	WASHER	1	PC		AC	10,5	
20	Z=406207	WASHER	1	PC		AC	D 10,2 X D30 X 5	
25	000934010007	NUT HEX	1	PC	10,300 G		M 10	DIN934
30	Z=253613-4	SPRING PIN	1	PC		AC	3 X 16	DIN1481
35	Z=256397-1	PRESSURE SPRING	1	PC		AC		DIN17224

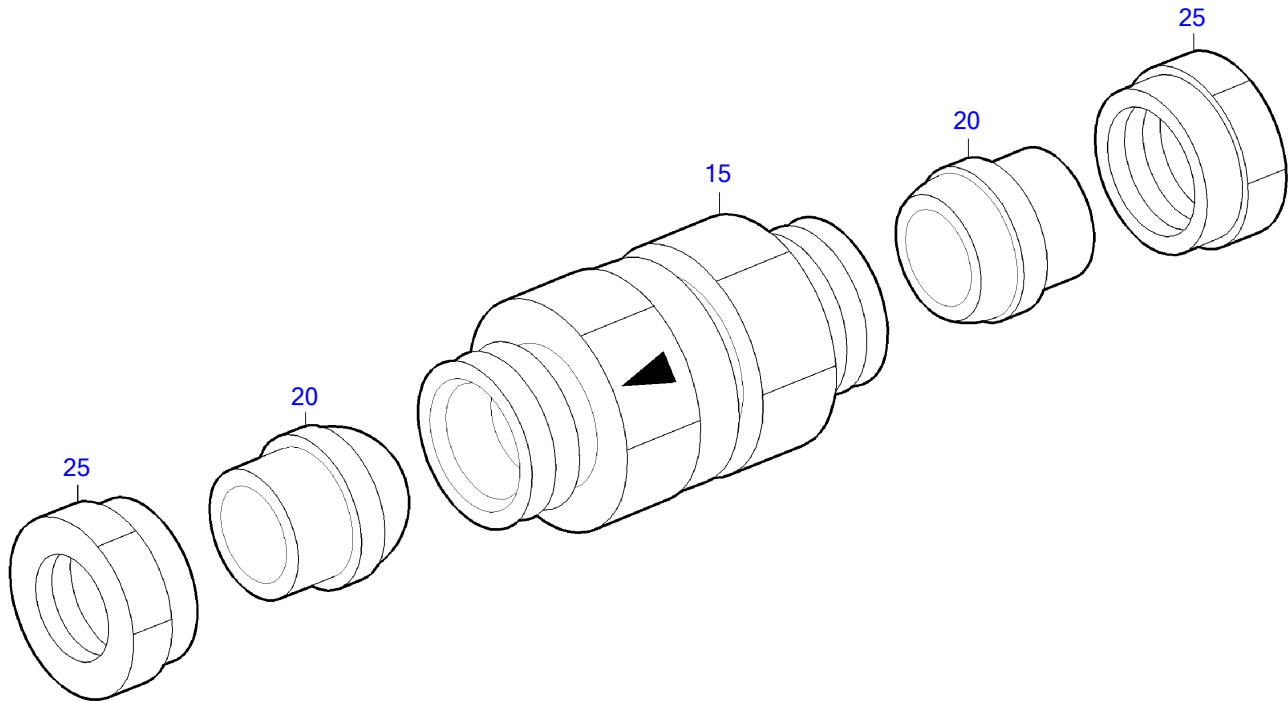
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
PUMP UNIT

SERIAL NUMBER: 527110279

FG/FGS: 181 15
BOM-No.: XS594180.00111

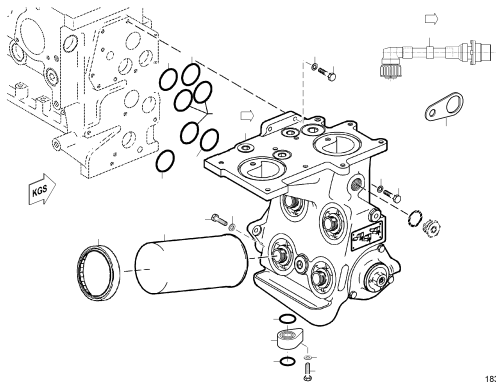
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
30	X59418100011/87	PUMP UNIT	RICKMEIER,3 PHAS.460V,60HZ	1	PC	28,500 KG		
50	915003020202	BALL-TYPE UNION		2	PC		B2 -22	MBN15003
60	915001020003	NUT		2	PC	48 G	20 M 30 X 1,5	N15001
70	700419999002	UNION 20G 1 A		2	PC	128 G	22 G 1 A	MMN419
80	007603033100	WASHER A33X39 COP METALLIC		2	PC	4,770 G	A 33 X 39	DIN7603



18100211a

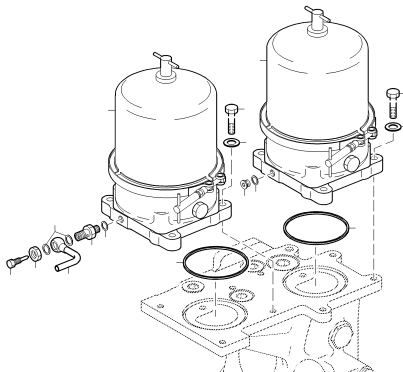
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
15	735080022201	VALVE NON-RETURN RHDK 22-L 0.5	1	PC	458 G	RHDK 22-L 0,5	MTN5080
20	915003020202	BALL-TYPE UNION	2	PC		B2 -22	MBN15003
25	915001020003	NUT	2	PC	48 G	20 M 30 X 1,5	N15001

GROUP NUMBER (FG)
GROUP NAME
BOM-No.



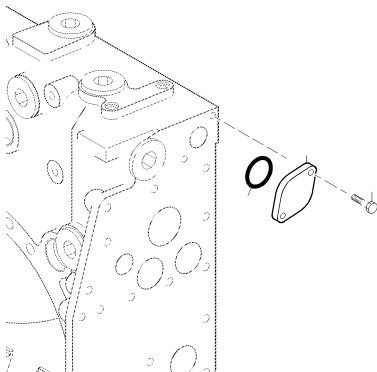
OIL FILTER W/DIVERTER VALVE
XS593180.00023

18301208



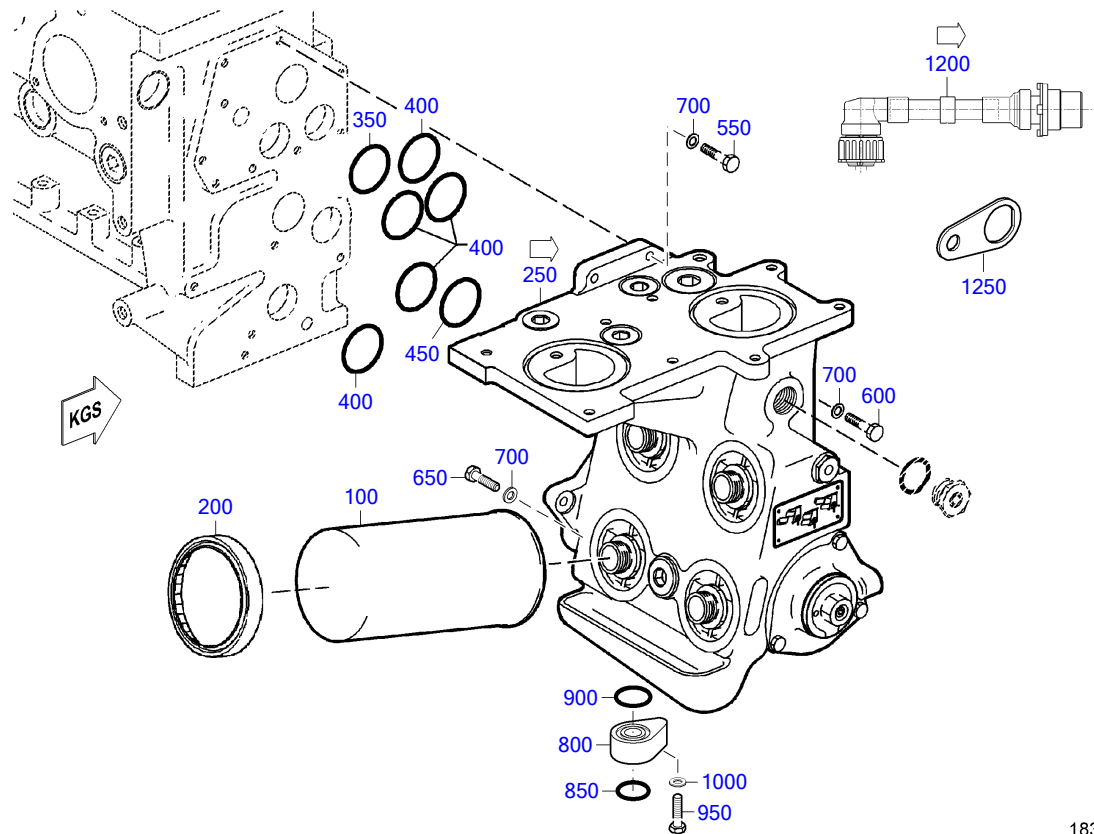
CENTRIFUGAL OIL FLTR
XS526180.00008

18300038a



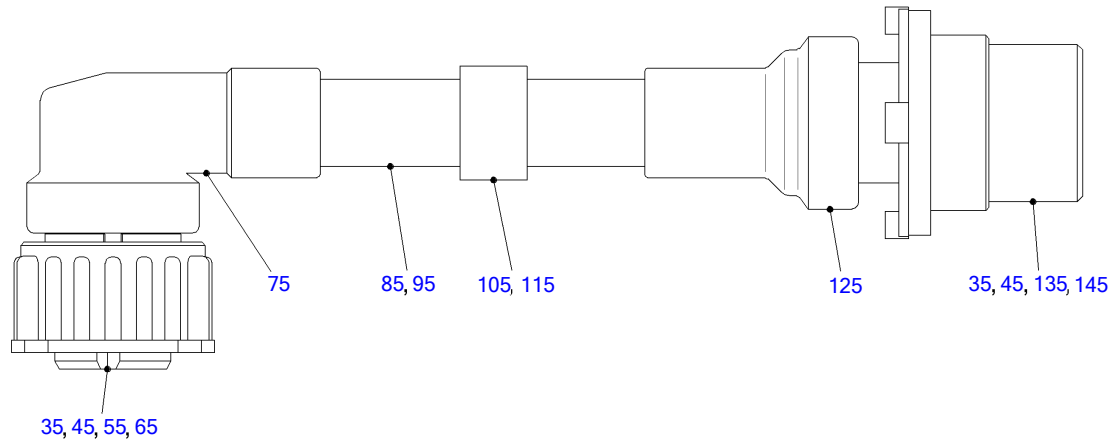
SEAL ELEM. F/COOLANT DISTR. HS
180.00268

18000054a



18301208

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
100	0031845301	OIL FILTER SPIN-ON		4	PC	2,200 KG	AB		
200	X00040625	COVER FOR SOLAS		4	PC	7 G			
250	X59318300013	OIL FILTER HOUSING		1	PC	38,900 KG			
350	700429070002	O-RING		1	PC	7 G		70 X 4	MMN429
400	700429058001	O-RING		5	PC	6 G		58 X 4	MMN429
450	700429076000	O-RING		1	PC	7,090 G		76 X 4	MMN429
550	000000001039	BOLT HEX A3C		4	PC	29,800 G		M 10 X 40	ISO4017
600	204014010015	HEX SCREW		5	PC			M 10 X180	ISO4014
700	000125010524	WASHER		10	PC	3,100 G		A 10,5	DIN125
800	X59318300006	SPACER		1	PC	1,015 KG			
850	700429040003	O-RING		1	PC	6,070 G		40 X 5	MMN429
900	700429045000	O-RING		1	PC	6,920 G		45 X 5	MMN429
950	000000003437	BOLT HEX A3C		1	PC	52 G	M	M 12 X 50	ISO4017
1000	000125013012	WASHER		1	PC	5,320 G	MN	A 13	DIN125
1200	5265303735	CABLE	12/16V4000 M	1	PC	43,500 G		L	
1250	5241534340	BRACKET H:14	4000	1	PC	24,100 G			



50701429a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
35	0165313283	MALE CONNECTOR	STECKER F. BU-KONTAKTE 2,5MM	1	PC	11,500 G	4POL. CODE 1 / DIN 72585	
45	0165313383	FEMALE CONTACT		2	PC	0,200 G	0,5-1,0 MM ² / D=2,5MM	
55	0165313483	SINGLE-CORE INSUL		4	PC	0,100 G	1,2-2,0 MM / D2,5MM	
65	0165313583	BLANKING PLUG	BLINDSTOPFEN	4	PC	0,100 G	SYSTEM 2,5MM / 2,8MM	
75	0165313683	CAP	STECKERKAPPE WELLROHRADAPTER	1	PC	5,760 G	90 GRAD / NW10 / DIN 72585	
85	0095319080	CABLE	RADDOX 155S RW VERDRILLT	0,170	M		1X2X1,0QMM / WS / NUMMERIERT	
95	0005337043	PIPE	359.	0,050	M		WELLROHR NW10	
105	700461105001	MARKER SLEEVE		1	PC		5/B	MMN461
115	700461205007	MARKER SLEEVE		1	PC		5/7	MMN461
125	0165313783	CAP	STECKERKAPPE WELLROHRADAPTER	1	PC	4,470 G	180 GRAD / NW10 / DIN 72585	
135	0165313883	FEMALE CONNECTOR		1	PC	13,400 G	4POL. CODE 1 / DIN 72585	
145	0165313983	PIN CONTACT	STIFTKONTAKT VERSILBERT	2	PC	0,700 G	0,5-1,0 MM ² / D=2,5MM	

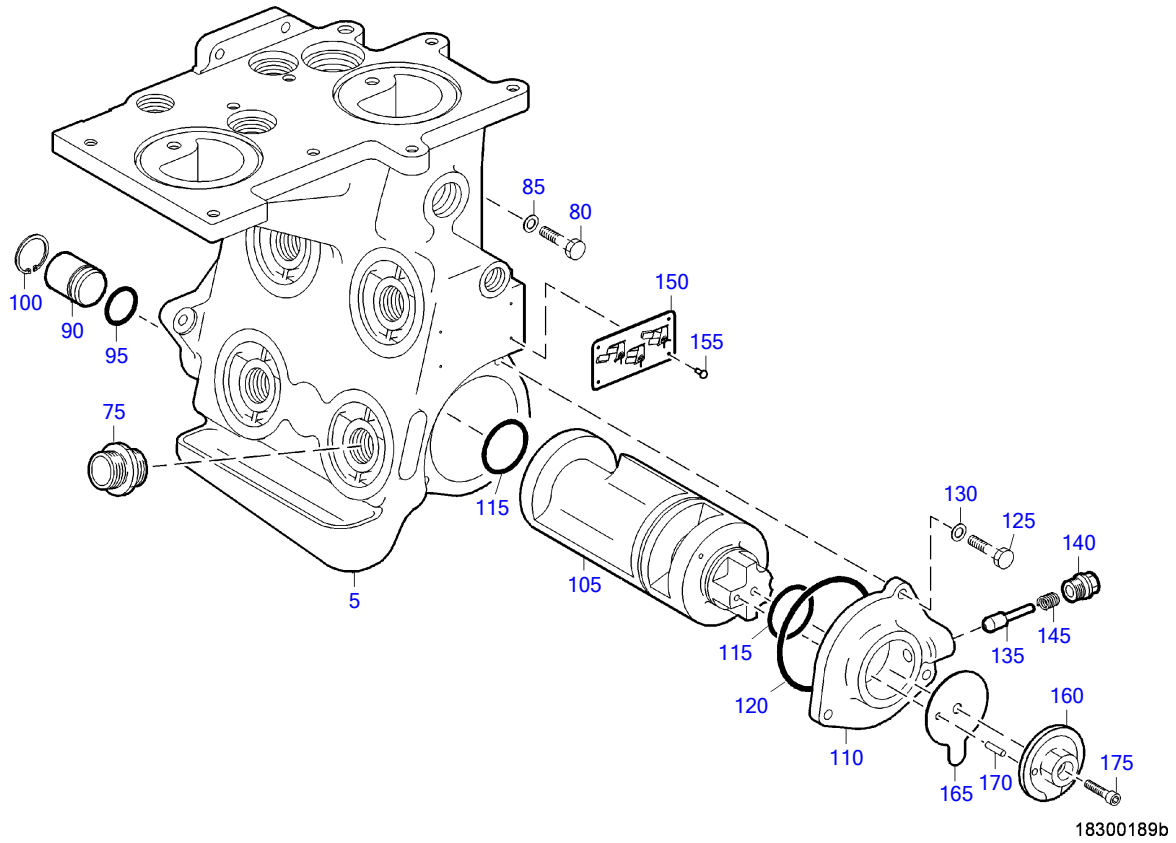
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
OIL FILTER HOUSING

SERIAL NUMBER: 527110279

FG/FGS:

BOM-No.: X59318300013



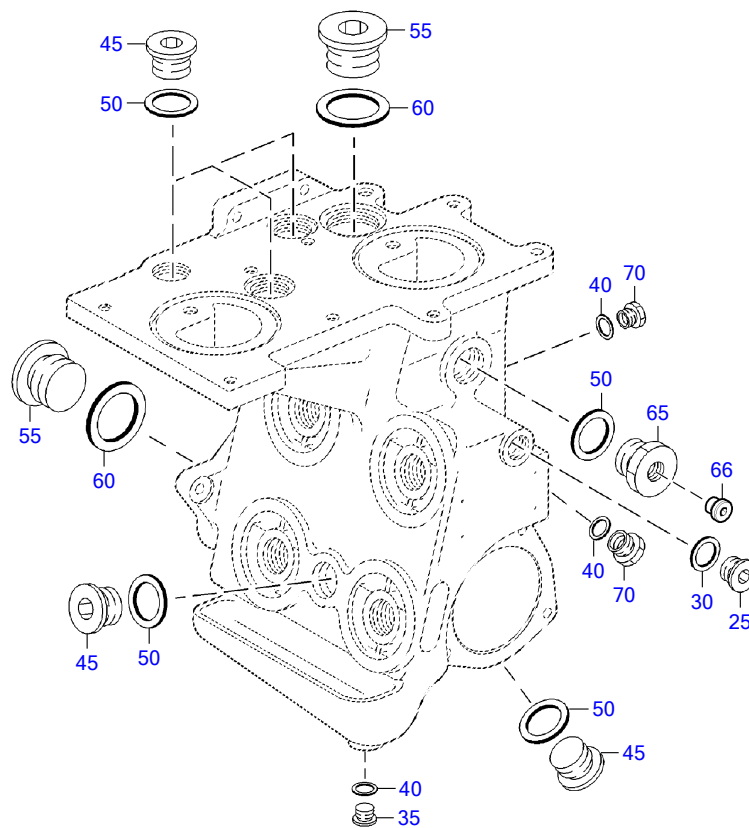
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
OIL FILTER HOUSING

SERIAL NUMBER: 527110279

FG/FGS:

BOM-No.: X59318300013



18301320

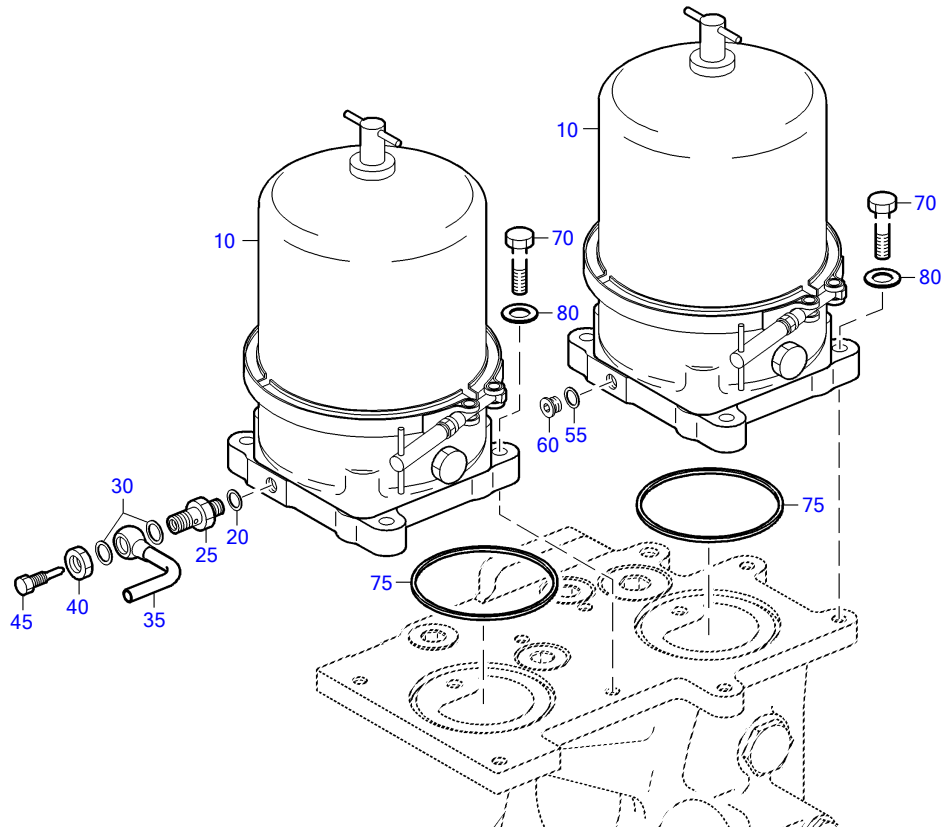
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
OIL FILTER HOUSING

SERIAL NUMBER: 527110279

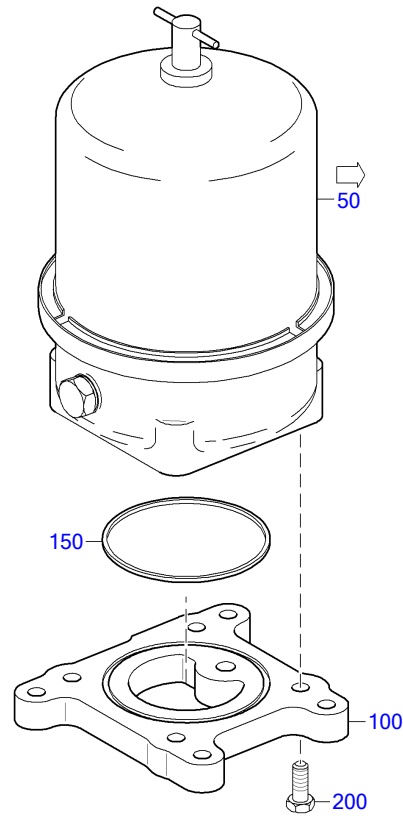
FG/FGS:
BOM-No.: X59318300013

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
5	X59318300012	OIL FILTER HOUSING		1	PC			
25	000908026005	THREAD PLUG		1	PC	69,900 KG	M 26 X 1,5	DIN908
30	007603026104	COPPER SEALING RING		1	PC	3,100 G	A 26 X 31	DIN7603
35	000908018002	PLUG		1	PC	29,800 KG	M 18 X 1,5	DIN908
40	007603018101	COPPER SEALING RING		4	PC	1,300 G	A 18 X 22	DIN7603
45	000908038000	THREAD PLUG		5	PC	150,800 KG	M 38 X 1,5	DIN908
50	007603038101	COPPER SEALING RING		6	PC	5,400 G	A 38 X 44	DIN7603
55	000908052003	THREAD PLUG		3	PC	308,500 KG	M 52 X 1,5	DIN908
60	007603052101	COPPER SEALING RING		3	PC	12,300 G	A 52 X 60	DIN7603
65	5249970616	BUSHING THREADED		1	PC	204,900 G		
66	735210014000	THREAD PLUG		1	PC	19,100 KG	M 14 X 1,5	MTN5210
70	5069971416	BUSHING THREADED	8/12V183TE02/93	3	PC	27,377 G		
75	0009973675	ADAPTER OIL FLTR DUAL NIPPLE S2000+S4000		4	PC	150 G		
80	204014010015	HEX SCREW		1	PC		M 10 X180	ISO4014
85	000125010524	WASHER		1	PC	3,100 G	A 10,5	DIN125
90	5249970635	PLUG		2	PC	479 G	40X50X5.5 WITH M6 THD	
95	700429032003	O-RING		2	PC	3,100 G	32 X 4	MMN429
100	000472042000	RING SNAP		2	PC	5,570 G	42 X 1,75	DIN472
105	5241800067	VALVE SLIDE OIL FLTR SWITCH OVER		1	PC	3,560 KG		
110	5241840309	FLANGE		1	PC	856 G		
115	700429055001	O-RING		2	PC	8,110 G	55 X 5	MMN429
120	700429115000	O-RING		1	PC	23,080 G	115 X 6	MMN429
125	000000003326	HEX SCREW		3	PC	28,180 G	M 10 X 35	ISO4017
130	000125010524	WASHER		3	PC	3,100 G	A 10,5	DIN125
135	5369910120	STUD BALL		1	PC	48 G		
140	5361840156	PLUG		1	PC	61,500 KG		
145	002098001022	SPRING PRESSURE		1	PC		1,25X 10 X 44,5	DIN2098
150	5245840021	PLATE		1	PC	14,100 G		
155	201476002000	PIN GROOVED		4	PC	0,370 G	A 2,5X 5	ISO8746
160	5241840076	WASHER	BR 4000	1	PC	335,500 G		
165	5240150531	POINTER	BR 4000	1	PC	60 G		
170	006325006108	PIN DOWEL		1	PC	5 G	6 M 6 X 24	DIN6325
175	000912010064	BOLT HEX SOC HD		1	PC	30 G	M 10 X 40	DIN912



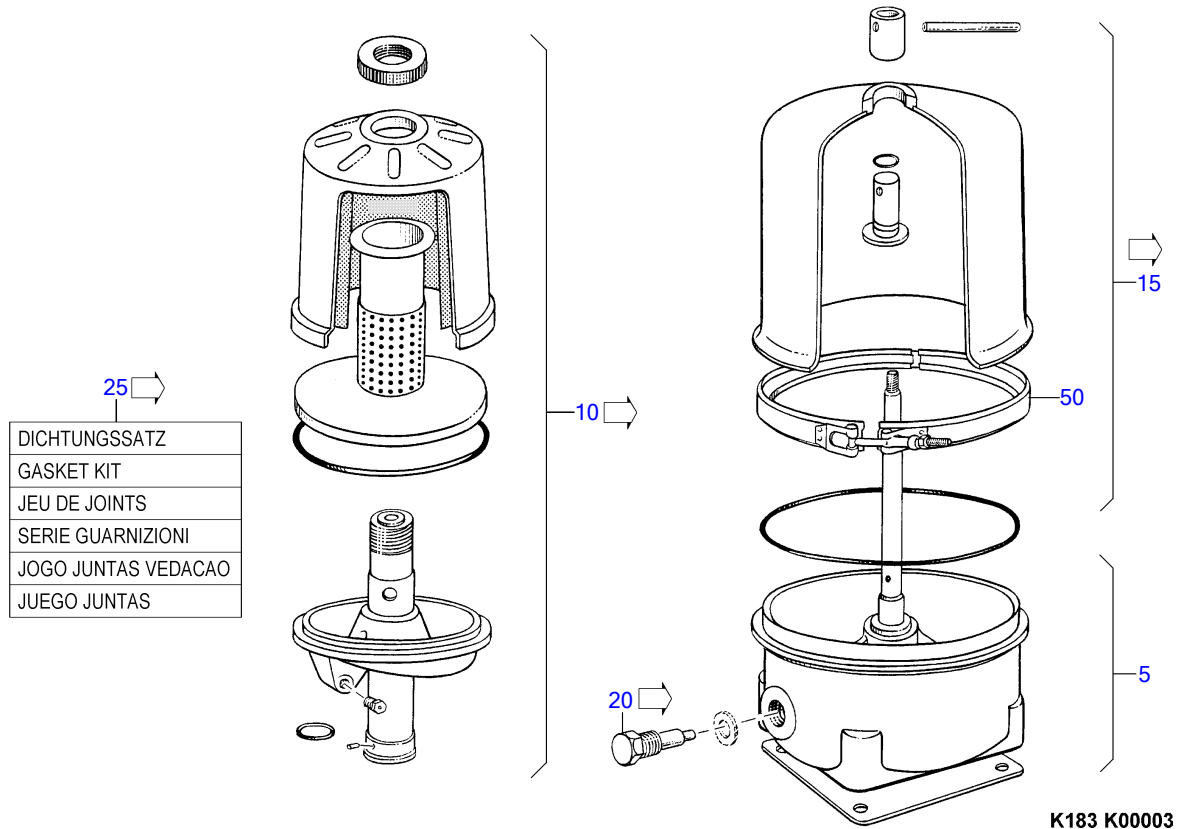
18300038a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	X52418300026	CENTRIFUGAL OIL FLTR	2	PC	12,400 KG			
20	007603014102	COPPER SEALING RING	1	PC	1 G		A 14 X 18	DIN7603
25	5849972672	UNION	1	PC	64 G			
30	007603016105	COPPER SEALING RING	2	PC			A 16 X 20	DIN7603
35	5241802019	TUBE ASM SOL OIL SUPPLY	1	PC	69 G	SB		
40	000439016200	NUT M16 04-2 DIN439	1	PC	20 G		B M 16	DIN439
45	5849900615	BOLT SPL M10 1.00X40 TO M6 0.2 8.8	1	PC	23,110 G			
55	007603014102	COPPER SEALING RING	1	PC	1 G		A 14 X 18	DIN7603
60	000908014001	THREAD PLUG	1	PC	16,100 KG		M 14 X 1,5	DIN908
70	000933012051	BOLT HEX S2000/4000	8	PC	55 G	MN	M 12 X 50	DIN933
75	700429122001	O-RING	2	PC	9 G		122 X 3,75	MMN429
80	000125013012	WASHER	8	PC	5,320 G	MN	A 13	DIN125

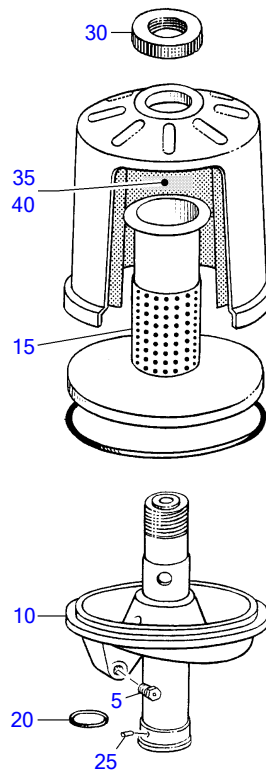


18301018a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	X52418300028	CENTRIFUGAL OIL FLTR		1	PC			
100	5241840509	ADAPTER 2 LITER CENTRIFUGAL SPINNER	BR 4000	1	PC	1,550 KG		
150	700429122001	O-RING		1	PC	9 G	122 X 3,75	MMN429
200	11509528	BOLT PHOS HEX FLG LRG		4	PC	50,300 G	M12X1,75X30	

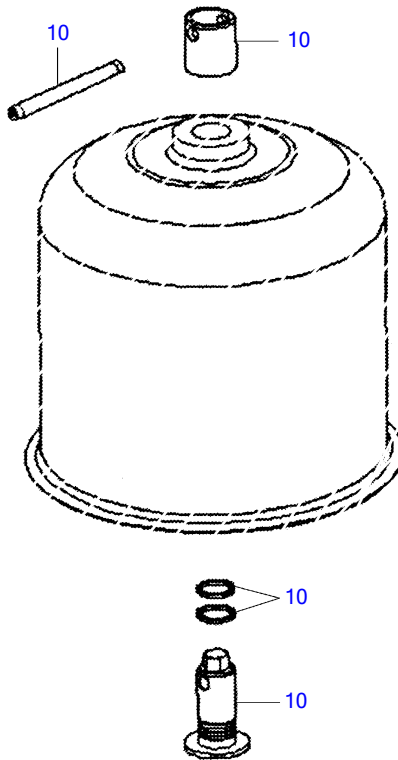


POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
5	23540299	BODY ASM CENTRIFUGAL SPINNER OIL FLTR	1	PC	5,750 KG
10	8691840027	ROTOR COMPLETE	1	PC	3,300 KG
15	8691840028	COVER	1	PC	2,500 KG
20	8691840019	VALVE	1	PC	240 G
25	23540304	GASKET KIT	1	PC	82,200 G
50	XP52499100226	V-BAND CLAMP	1	PC	1,100 KG



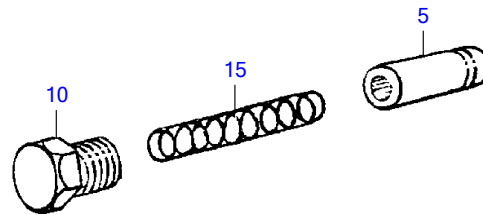
K183 K00005

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT
5	5241871136	NOZZLE ROTOR ASM CNTRIFSPINNER FLTR	1	PC	3 G	
10	5241870018	TUBE ASM	1	PC	832 G	
15	5241870601	STAND TUBE ROTOR ASM CNTRIFSPINNER FLTR	1	PC	271 G	
20	5241870033	CIRCLIP	1	PC	6,400 G	
25	5241870074	PIN	1	PC	3 G	
30	5241870072	NUT ROTOR COVER CENTRIFUGAL SPINNER FLTR	1	PC	186 G	
35	8591840001	PAPER PACK CENTRIFUGAL SPINNER FILTER	1	PC	13,700 G	1 ST. GLEICH 1 PAPIERSTREIFEN
40	5241870147	PLATE	1	PC	207 G	



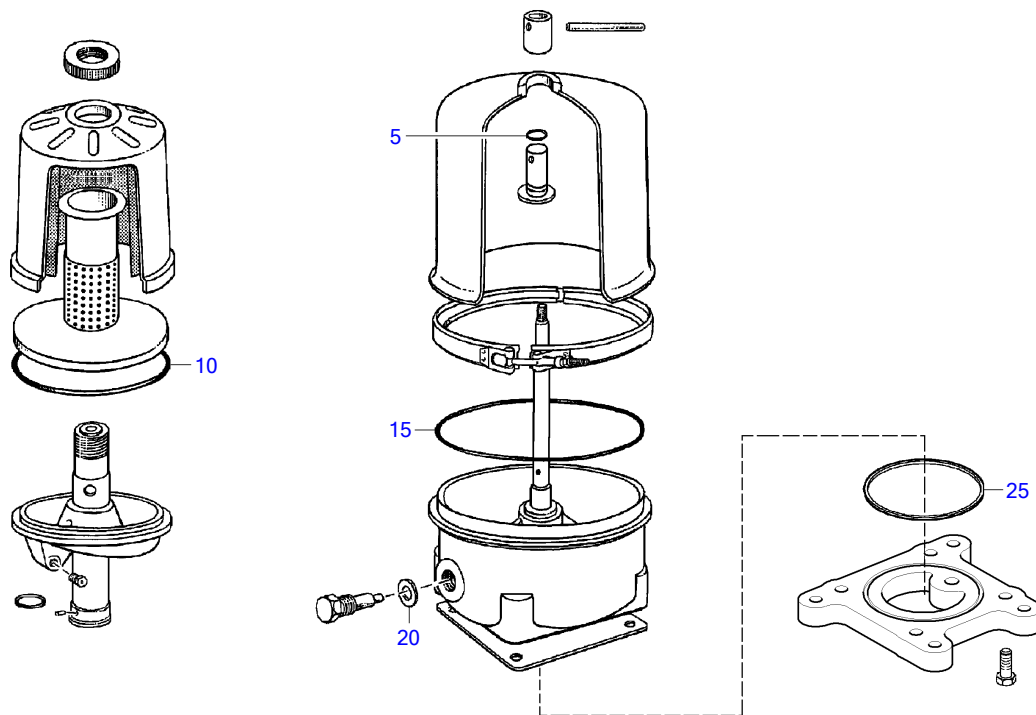
18300801a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
10	8691840031	COVER FIXING KIT	1	PC	240 G



K183 K00004

POS.	DESIGNATION	QTY.	UNITS	FN
5	VALVE PISTON	1	PC	KE
10	PLUG	1	PC	KE
15	PRESSURE SPRING	1	PC	KE



18300932a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
5	8699970274	SEALING RING	2	PC	0,800 G		MMN429
10	8699970273	SEALING RING	1	PC	22 G	145,42 X 5,34	MMN429
15	8699970272	SEALING RING	1	PC	28,800 G	196,22 X 5,34	MMN429
20	8699970287	SEALING RING	1	PC	2,370 G		
25	700429122001	O-RING	2	PC	9 G	122 X 3,75	MMN429

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S

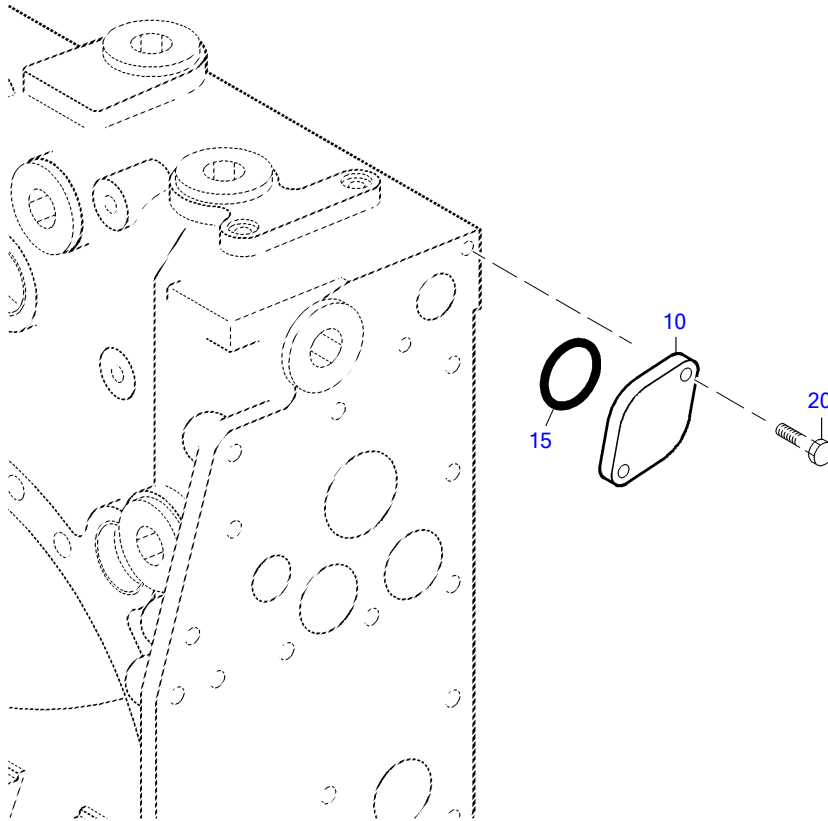
SERIAL NUMBER: 527110279

OIL. DISTR. HOUSING

FG/FGS: 183 15

BOM-No.: X59518300010

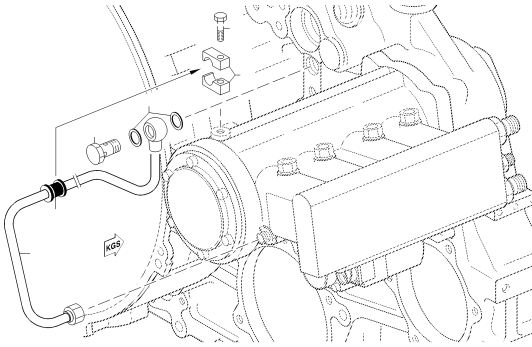
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	X59318300023	OIL. DISTR. HOUSING		1	PC			
100	007603038101	COPPER SEALING RING		6	PC	5,400 G	A 38 X 44	DIN7603
150	007603030101	COPPER SEALING RING		3	PC		A 30 X 36	DIN7603
200	000908038000	THREAD PLUG		6	PC	150,800 KG	M 38 X 1,5	DIN908
250	000908030002	THREAD PLUG		3	PC	85,500 KG	M 30 X 1,5	DIN908
350	007603056100	SEALING RING		2	PC	13,500 G	A 56 X 64	DIN7603
400	000908056000	PLUG		2	PC	368 KG	M 56 X 2	DIN908
450	5249970020	SEALING CAP		4	PC		D 50	
500	5370160233	SEALING CAP		1	PC		D 40	
600	X59520300010	RESTRICTOR	16V4000	1	PC	186 G	M52-1.5X15 W/24MM OPENING	
700	5242031552	RESTRICTOR	4000	1	PC	0,215 KG		
750	735210014000	THREAD PLUG		1	PC	19,100 KG	M 14 X 1,5	MTN5210
800	X54799100050	RESTRICTOR		1	PC	40 G		



18000054a

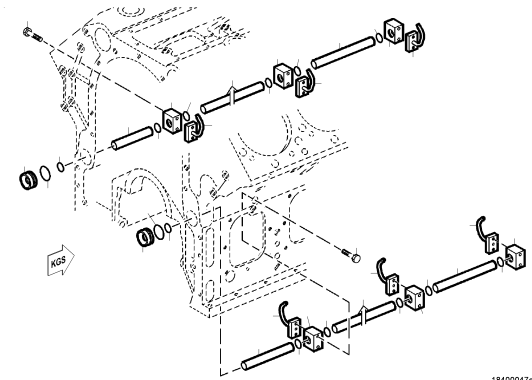
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	5281840509	COVER WATER DISTRIBUTION HOUSING	BR 4000	1	PC	315,300 G		
15	700429042002	O-RING		1	PC	4,010 G	42 X 4	MMN429
20	304017008081	HEX BOLT		2	PC	13,500 G	M 8 X 25	ISO4017

GROUP NUMBER (FG)
GROUP NAME
BOM-No.



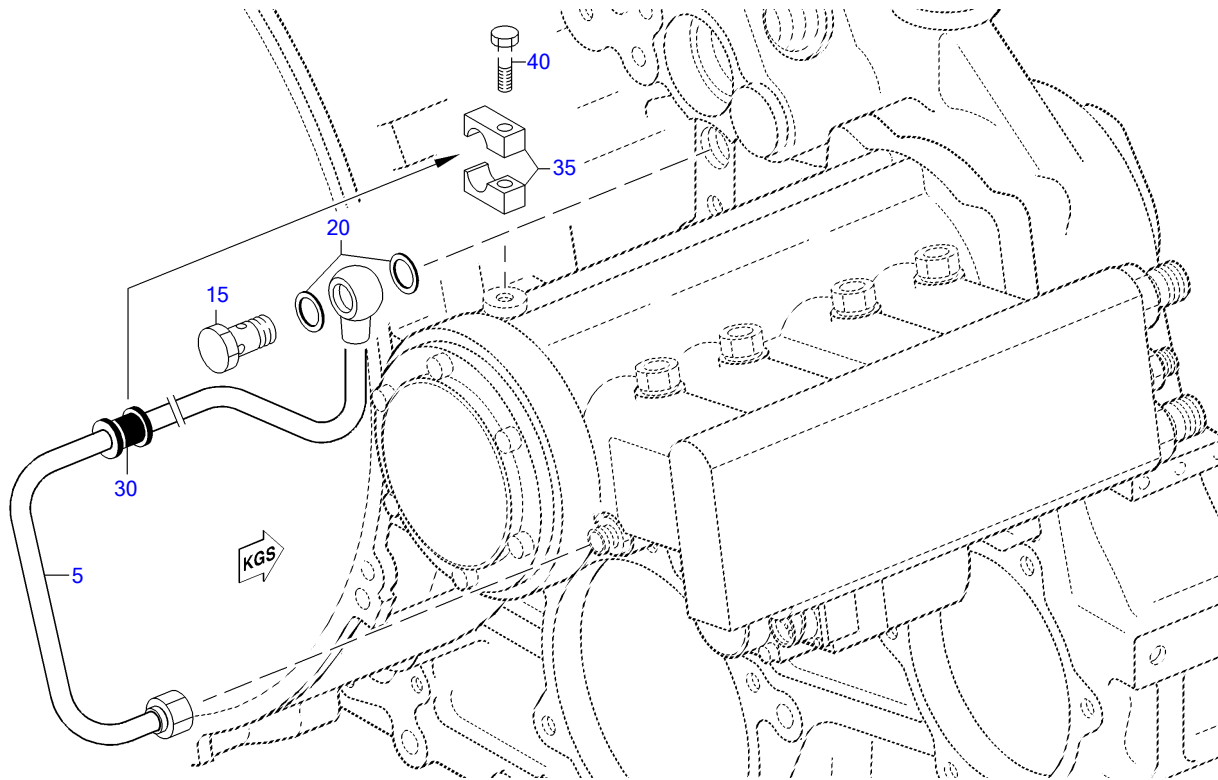
OIL SUPPLY FOR HP PUMP
180.00150

18300099a



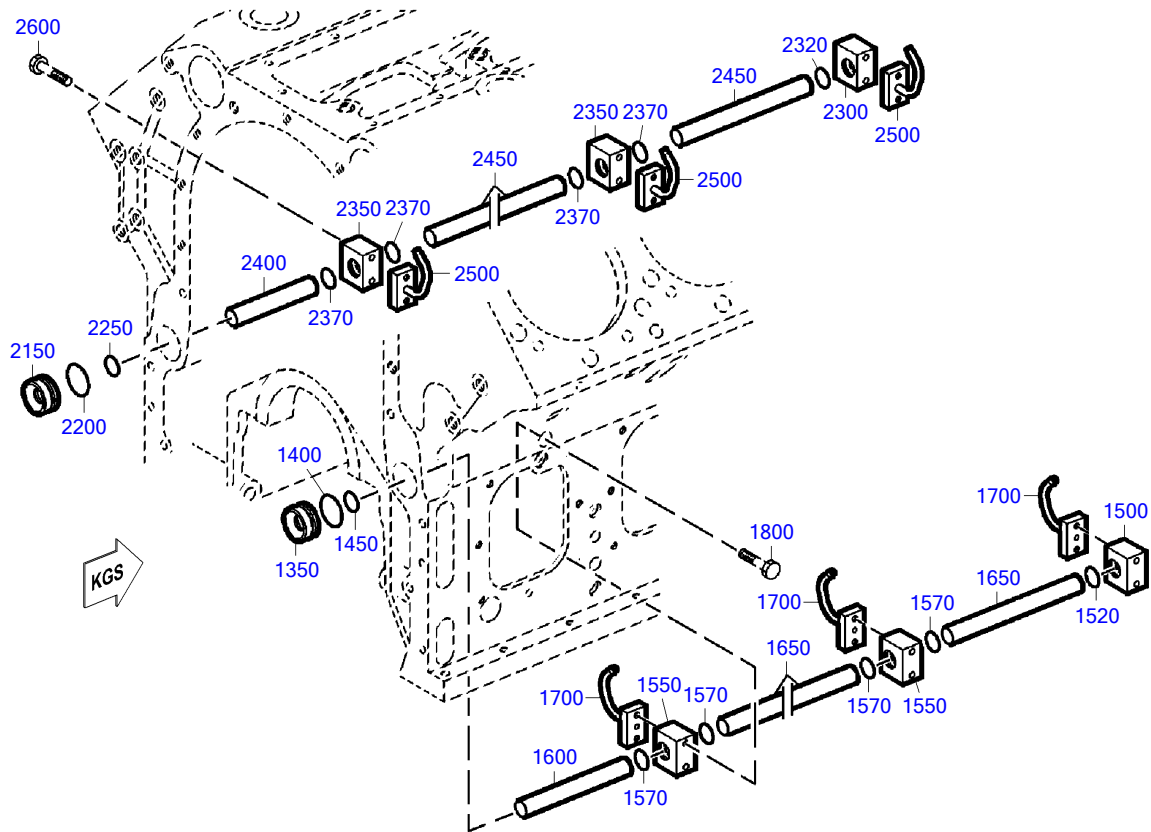
OIL SYSTEM BASIC SCOPE
X00019302

18400047c



18300099a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
5	5281800319	TUBE HIGH PRESS FUEL PUMP LUBE OIL	1	PC			
15	700223010000	BOLT BANJO A12	1	PC	64 G	A 12	MMN223
20	007603018101	COPPER SEALING RING	2	PC	1,300 G	A 18 X 22	DIN7603
30	700327012000	GROMMET	1	PC	4,600 G	12	MMN327
35	700325018100	CLAMP HALF TUBE 1/1 D9-18	2	PC	40 G	1/1 D 9 - 18	MMN325
40	304017008085	BOLT HEX	1	PC	18 G	M 8 X 40	ISO4017



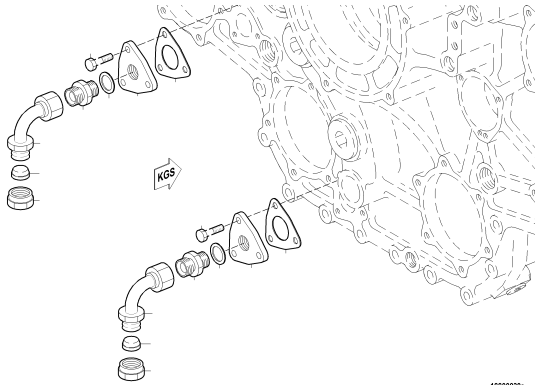
18400047c

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
1350	5241870276	RETAINER O-RING	1	PC				
1400	700429041000	O-RING	1	PC	3,950 G		41 X 4	MMN429
1450	700429024002	O-RING	1	PC	2,500 G		24 X 4	MMN429
1500	X52418400002	RETAINER	1	PC	170 G			
1520	700429024002	O-RING	1	PC	2,500 G		24 X 4	MMN429
1550	X52418400001	RETAINER	7	PC	170 G			
1570	700429024002	O-RING	14	PC	2,500 G		24 X 4	MMN429
1600	5241870401	TUBE D	1	PC	156 G			
1650	5241870101	TUBE D	7	PC				
1700	X59418400008	OIL SPRAY NOZZLE	8	PC	249 G	EM		
1800	304014008032	BOLT HEX A3C S2000/4000	16	PC	35 G		M 8 X 80	ISO4014
2150	5241870276	RETAINER O-RING	1	PC				
2200	700429041000	O-RING	1	PC	3,950 G		41 X 4	MMN429
2250	700429024002	O-RING	1	PC	2,500 G		24 X 4	MMN429
2300	X52418400002	RETAINER	1	PC	170 G			
2320	700429024002	O-RING	1	PC	2,500 G		24 X 4	MMN429
2350	X52418400001	RETAINER	7	PC	170 G			
2370	700429024002	O-RING	14	PC	2,500 G		24 X 4	MMN429
2400	5241870201	TUBE D	1	PC				
2450	5241870101	TUBE D	7	PC				
2500	X59418400008	OIL SPRAY NOZZLE	8	PC	249 G	EM		
2600	304014008032	BOLT HEX A3C S2000/4000	16	PC	35 G		M 8 X 80	ISO4014

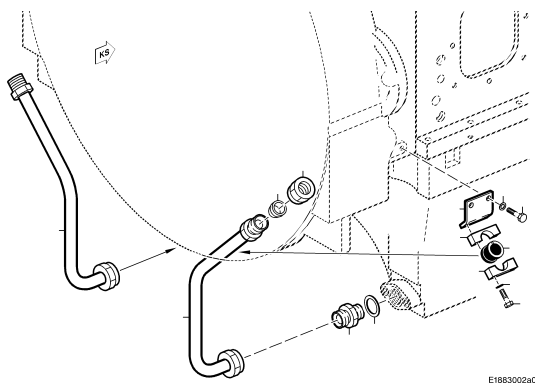
GROUP NUMBER (FG)

GROUP NAME

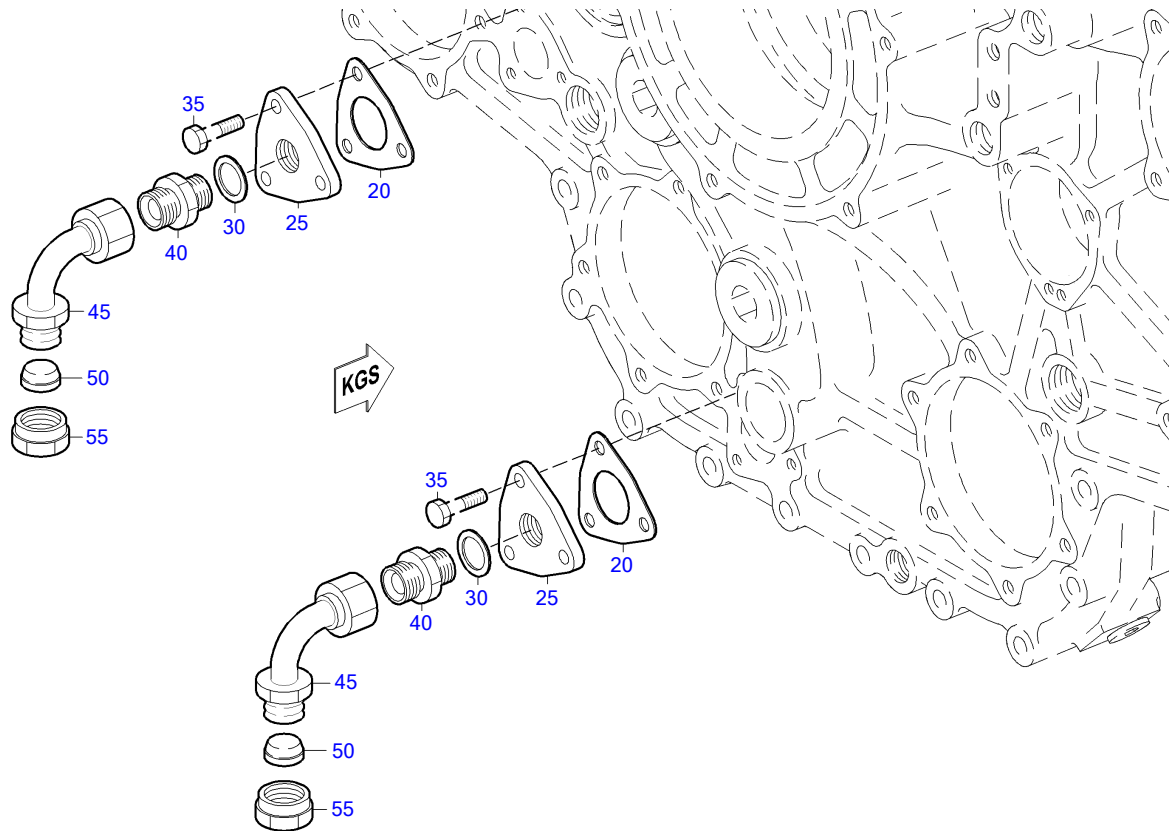
BOM-No.



CONNECTIONS FOR OIL PRIMING PPS
180.00038

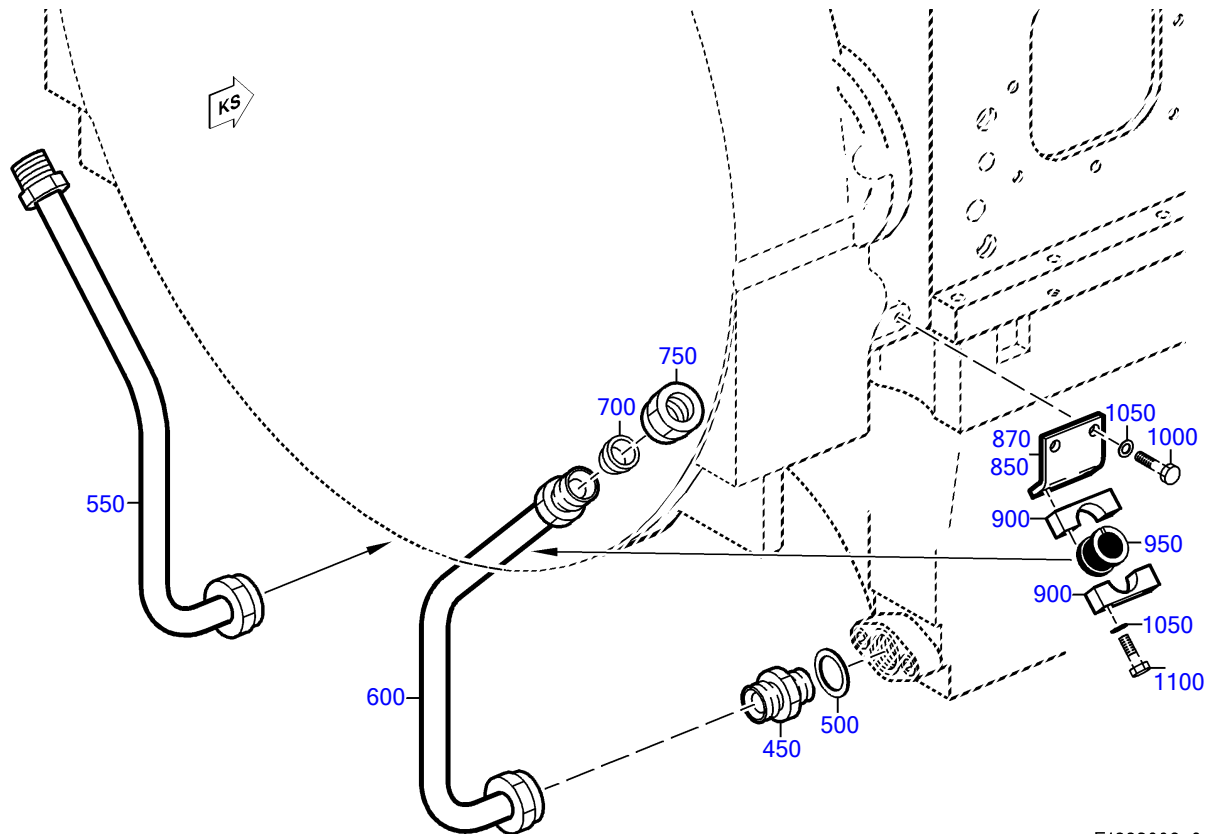


OIL EXTRACTION
XS594180.00018



18800030a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
20	5241880180	GASKET		2	PC	6,100 G	1X120X120	
25	5241880702	COVER	BR4000M	2	PC	354,200 G		
30	007603026104	COPPER SEALING RING		2	PC	3,100 G	A 26 X 31	DIN7603
35	00000003021	HEX SCREW		6	PC	23,700 G	M 10 X 25	ISO4017
40	915013020002	SCREW NECK		2	PC	67,500 G	20 (M30X1,5/M26X1,5)	N15013
45	700160000020	ELBOW 90 DEG KR 20		2	PC	210 G	KR 20	MMN160
50	915005020001	CONE SEALING		2	PC	15,400 G	22	MBN15005
55	915001020003	NUT		2	PC	48 G	20 M 30 X 1,5	N15001



E1883002a0

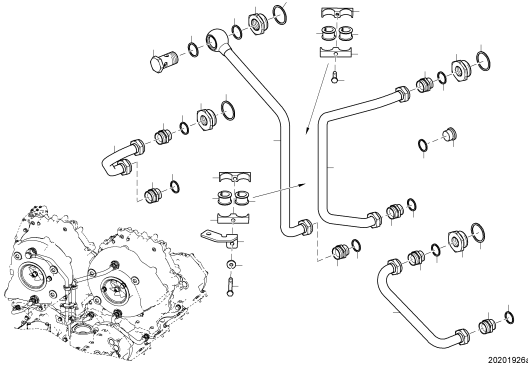
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
450	915013025001	UNION	2	PC	101,900 G		25	N15013
500	007603030101	COPPER SEALING RING	2	PC			A 30 X 36	DIN7603
550	5241800821	OIL LINE	1	PC		SB		
600	5241800721	OIL LINE	1	PC		SB		
700	915005020001	CONE SEALING	2	PC	15,400 G		22	MBN15005
750	915001020003	NUT	2	PC	48 G		20 M 30 X 1,5	N15001
850	X59618400003	RETAINER	1	PC				
870	X59618400003	RETAINER	1	PC				
900	700325028101	CLAMP HALF TUBE 1/2 D9-28	4	PC	75 G		1/2 D 9 - 28	MMN325
950	700327022000	GROMMET	2	PC	9 G		22	MMN327
1000	204017008011	HEX SCREW	4	PC	12,200 G		M 8 X 22	ISO4017
1050	735151008100	SPACER	4	PC	7,700 G		A 8,4	MTN5151
1100	304017008086	BOLT HEX A3C	4	PC	19,400 G		M 8 X 45	ISO4017

GROUP NUMBER (FG)
GROUP NAME
BOM-No.

THERMOSTAT HOUSING W/EXTERNAL COOLING
XS595200.00059

COOLANT VENT FOR EXTERNAL COOLIN
XS595200.00070

COOLANT DUCTING F/TURBOCHARGER
XS595200.00073



PREHEATER
XS595200.00107

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
120	X59320600011	THERMOSTAT HOUSING		1	PC	18,600 KG			
200	700429065000	O-RING		1	PC	5,910 G		65 X 4	MMN429
250	0052031875	THERMAL ACTUATOR		4	PC	174,800 G	EM		
300	05132155	SEALING RING		4	PC	18,500 G			
400	000125010524	WASHER		4	PC	3,100 G		A 10,5	DIN125
450	000000001076	BOLT A3C		2	PC	45 G		M 10 X 70	ISO4017
500	204014010007	HEX SCREW		2	PC			M 10 X110	ISO4014
550	X59320600008	CONNECTING FLANGE ON THERMOST. HOUSIN		1	PC	10,560 KG			
700	X59320200120	RESTRICTOR	M56X1,5/ID33	1	PC				
750	700429080001	O-RING		2	PC	5,962 G		80 X 5	MMN429
800	000908014001	THREAD PLUG		1	PC	16,100 KG		M 14 X 1,5	DIN908
850	007603014102	COPPER SEALING RING		1	PC	1 G		A 14 X 18	DIN7603
900	204014010033	HEX SCREW		2	PC	88 G		M 10 X135	ISO4014
950	204017010021	BOLT A3C		2	PC	33,200 G		M 10 X 45	ISO4017
1000	000125010524	WASHER		4	PC	3,100 G		A 10,5	DIN125
1100	X59320200086	ELBOW TO COOLANT COOLER		1	PC	13,030 KG			
1150	700429083000	O-RING		1	PC			83 X 5	MMN429
1200	000000001465	BOLT HEX A3C		1	PC	84 G		M 10 X120	ISO4014
1250	5599900040	SPACER S2000/S4000		1	PC	15,816 G			
1300	000000001465	BOLT HEX A3C		1	PC	84 G		M 10 X120	ISO4014
1350	735151010101	SPACER A10.5 A3C		1	PC	11,340 G		A 10,5	MTN5151
1400	X52420200024	RETAINER		1	PC	2,507 KG			
1450	000000003021	HEX SCREW		2	PC	23,700 G		M 10 X 25	ISO4017
1500	000125010524	WASHER		2	PC	3,100 G		A 10,5	DIN125
1540	000000003925	BOLT A3C		2	PC			M 12 X 30	ISO4017
1560	007349013002	WASHER		2	PC	22,600 G	MN 13		DIN7349
1600	700429083000	O-RING		1	PC			83 X 5	MMN429
1640	000125010524	WASHER		2	PC	3,100 G		A 10,5	DIN125
1650	X59320200089	COOLANT ELBOW F/COOLANT COOLER		1	PC	8,720 KG			
1750	000000003326	HEX SCREW		2	PC	28,180 G		M 10 X 35	ISO4017
1800	X59320200117	RETAINER		1	PC	1,440 KG			
1850	5511531550	SPACER BUSHING		3	PC	17 G			
1900	000000001464	BOLT HEX A3C		4	PC	25 G		M 10 X 30	ISO4017
1930	000000003187	NUT HEX A3C		1	PC			M 10	ISO4032
1935	007349010001	WASHER		2	PC	10,900 G		10,5	DIN7349
2050	X59620600001	PLUG-IN PIPE		2	PC	2,771 KG			
2100	X52820300003	FLANGE		2	PC	765 G			
2150	000000001042	BOLT HEX A3C		4	PC	35 G		M 10 X 50	ISO4017
2200	700429083000	O-RING		2	PC			83 X 5	MMN429
2250	700429075001	O-RING		4	PC	10,900 G		75 X 5	MMN429
2350	5242030139	FLANGE		1	PC				
2400	700429100000	O-RING		1	PC	14,095 G		100 X 5	MMN429
2450	204017010021	BOLT A3C		2	PC	33,200 G		M 10 X 45	ISO4017
2500	000125010524	WASHER		2	PC	3,100 G		A 10,5	DIN125
2550	X52820600002	PLUG-IN PIPE		1	PC	715 G			
2600	700429085002	O-RING		2	PC	17,640 G		85 X 6	MMN429
3000	X00029114	COOLANT ELBOW		1	PC	4,404 KG			
3050	700429100000	O-RING		1	PC	14,095 G		100 X 5	MMN429
3100	000000001039	BOLT HEX A3C		2	PC	29,800 G		M 10 X 40	ISO4017
3150	000125010524	WASHER		2	PC	3,100 G		A 10,5	DIN125
3250	X59320300020	FLANGE		1	PC	1,300 KG			
3300	700429100000	O-RING		2	PC	14,095 G		100 X 5	MMN429
3350	007349010001	WASHER		2	PC	10,900 G		10,5	DIN7349
3400	204017010021	BOLT A3C		2	PC	33,200 G		M 10 X 45	ISO4017

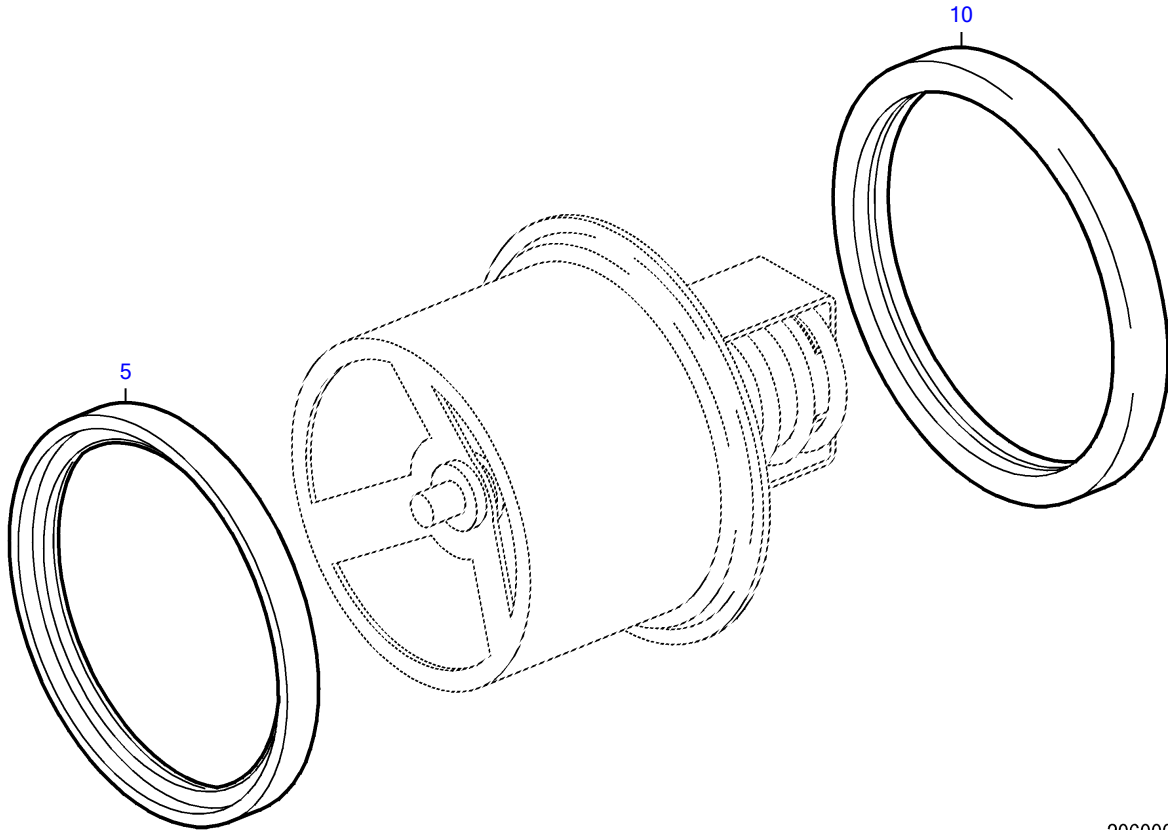
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
THERMOSTAT HOUSING W/EXTERNAL COOLING

SERIAL NUMBER: 527110279

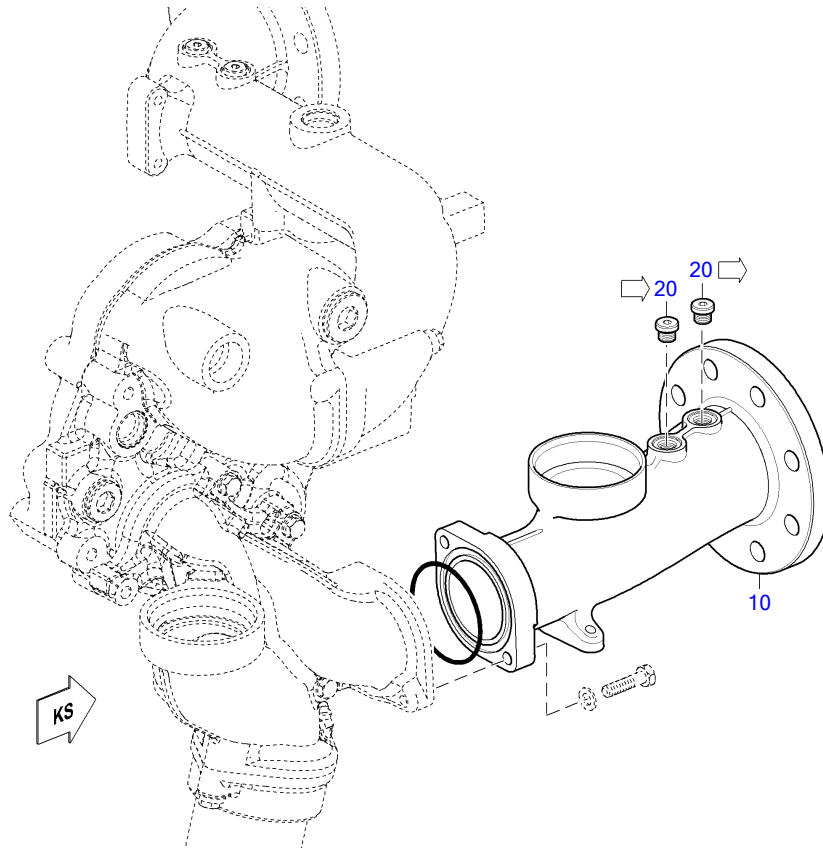
FG/FGS: 200 00
BOM-No.: XS595200.00059

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
3450	X52820600003	PLUG-IN PIPE		1	PC	1,864 KG			
3500	700429085002	O-RING		2	PC	17,640 G	85 X 6		MMN429
3550	5242030139	FLANGE		1	PC				
3700	007349010001	WASHER		1	PC	10,900 G	10,5		DIN7349
3750	204017010021	BOLT A3C		1	PC	33,200 G	M 10 X 45		ISO4017



20600038a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT
5	0002034480	RING SEALING	1	PC	20 G	57,76X67,5X6,4
10	8692030147	GASKET	1	PC	5 G	VITON



20600518

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	X59320200090	ELBOW F/COOLANT COOLER	1	PC		EM		
20	735210014000	THREAD PLUG	2	PC	19,100 KG		M 14 X 1,5	MTN5210

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
THERMOSTAT HOUSING

SERIAL NUMBER: 527110279

FG/FGS:

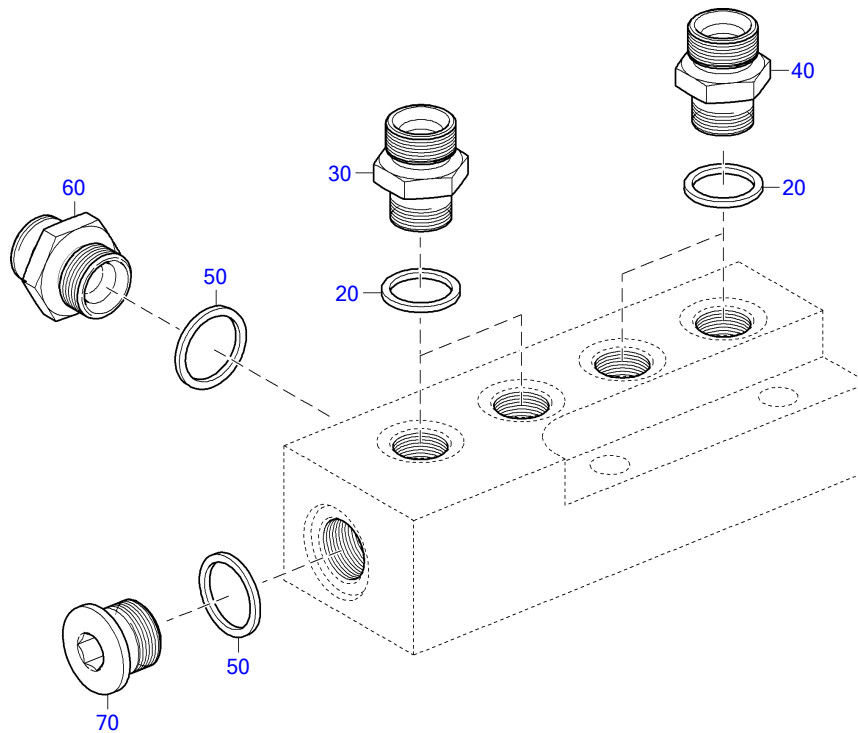
BOM-No.: X59320600011

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
100	X59320600010	THERMOSTAT HOUSING	1	PC	25 KG		
200	5370160233	SEALING CAP	2	PC		D 40	
300	5550160233	SEALING CAP EXH MANIF	2	PC	23,170 G		
400	007603030101	COPPER SEALING RING	1	PC		A 30 X 36	DIN7603
500	000908030002	THREAD PLUG	1	PC	85,500 KG	M 30 X 1,5	DIN908
600	007603038101	COPPER SEALING RING	2	PC	5,400 G	A 38 X 44	DIN7603
700	000908038000	THREAD PLUG	2	PC	150,800 KG	M 38 X 1,5	DIN908

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
250	007603014102	COPPER SEALING RING		4	PC	1 G		A 14 X 18	DIN7603
300	915006006000	UNION		4	PC	22,900 G		6	N15006
350	5282000258	TUBE BREATHER VENT	20V400LH	1	PC	54,600 G			
400	5569970574	FITTING TEE		1	PC	49,300 G		DN 6 / M14X1,5	
450	X52620200105	VENT LINE		1	PC	78,100 G	SB EM		
500	5569970574	FITTING TEE		1	PC	49,300 G		DN 6 / M14X1,5	
550	5282000658	TUBE BREATHER VENT	20V400LH	1	PC	47,900 G			
600	X59520200042	VENT LINE		1	PC	0,100 KG	SB EM		
650	X59520200048	VENT LINE		1	PC		SB EM		
750	5559920101	BUSHING		6	PC	17,320 G			
800	700325012111	CLAMP HALF TUBE 1/1 D11-12		12	PC	23 G		1/1 D11 - 12	MMN325
850	700327008000	GROMMET		6	PC	2,300 G		8	MMN327
900	000000004745	HEX SCREW		6	PC	43 G		M 10 X 65	ISO4017
950	5569970574	FITTING TEE		1	PC	49,300 G		DN 6 / M14X1,5	
1000	5282000658	TUBE BREATHER VENT	20V400LH	1	PC	47,900 G			
1050	5282000458	VENT LINE FOR COOLANT	20V400LH	1	PC	104,200 G			
1100	X52720200081	VENT LINE		2	PC		SB EM		
1200	5559920101	BUSHING		6	PC	17,320 G			
1220	735151010100	SPACER		6	PC	11 G		A 10,5	MTN5151
1250	700325015110	CLAMP HALF TUBE 1/1 D11-15		24	PC	30,570 G		1/1 D11 - 15	MMN325
1300	700327010000	GROMMET		12	PC	3,650 G		10	MMN327
1350	000000003922	HEX SCREW		6	PC	68,700 G		M 10 X100	ISO4014
1400	X59420200113	VENT LINE		1	PC				
1410	5559920101	BUSHING		1	PC	17,320 G			
1420	700325015110	CLAMP HALF TUBE 1/1 D11-15		2	PC	30,570 G		1/1 D11 - 15	MMN325
1430	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
1440	000000004745	HEX SCREW		1	PC	43 G		M 10 X 65	ISO4017
1450	X59520200134	VENT LINE		1	PC	190 G	SB		
1470	007603014102	COPPER SEALING RING		4	PC	1 G		A 14 X 18	DIN7603
1480	735214010000	UNION		2	PC	30,900 G		10	MTN5214
1490	700223006000	BOLT BANJO A8 S2000/4000		2	PC	38,800 G		A 8	MMN223
1500	X59520200132	VENT LINE		1	PC	231 G	SB		
1510	007603014102	COPPER SEALING RING		1	PC	1 G		A 14 X 18	DIN7603
1520	X59699100050	UNION	BR 4000	1	PC			BLENDE Ø1MM	
1530	X59420200198	VENT LINE		1	PC	60 G	SB		
1555	X52899100028	NIPPLE		1	PC	49 G			
1570	700325015100	CLAMP HALF TUBE 1/1 D9-15		10	PC	34,030 G		1/1 D 9 - 15	MMN325
1600	700327010000	GROMMET		5	PC	3,650 G		10	MMN327
1650	304017008084	BOLT HEX A3C		1	PC	16,565 G		M 8 X 35	ISO4017
1660	304017008089	BOLT HEX A3C		2	PC	25 G		M 8 X 60	ISO4017
1750	5241872240	BRACKET 40X6 M12 UNTHD+M8 THD BOLT HOLE	BR 4000	1	PC				
1800	000000003924	BOLT A3C		1	PC	32,400 G		M 12 X 25	ISO4017
1850	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34,030 G		1/1 D 9 - 15	MMN325
1900	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
1950	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
2050	007603018101	COPPER SEALING RING		1	PC	1,300 G		A 18 X 22	DIN7603
2100	915006010002	UNION		1	PC			10	N15006
2150	X59520200057	VENT LINE		1	PC	0,259 KG			
2300	5241872240	BRACKET 40X6 M12 UNTHD+M8 THD BOLT HOLE	BR 4000	2	PC				
2450	700325015100	CLAMP HALF TUBE 1/1 D9-15		4	PC	34,030 G		1/1 D 9 - 15	MMN325
2500	700327010000	GROMMET		2	PC	3,650 G		10	MMN327
2550	304017008083	BOLT HEX A3C		2	PC	15 G		M 8 X 30	ISO4017
2650	X52899100028	NIPPLE		1	PC	49 G			

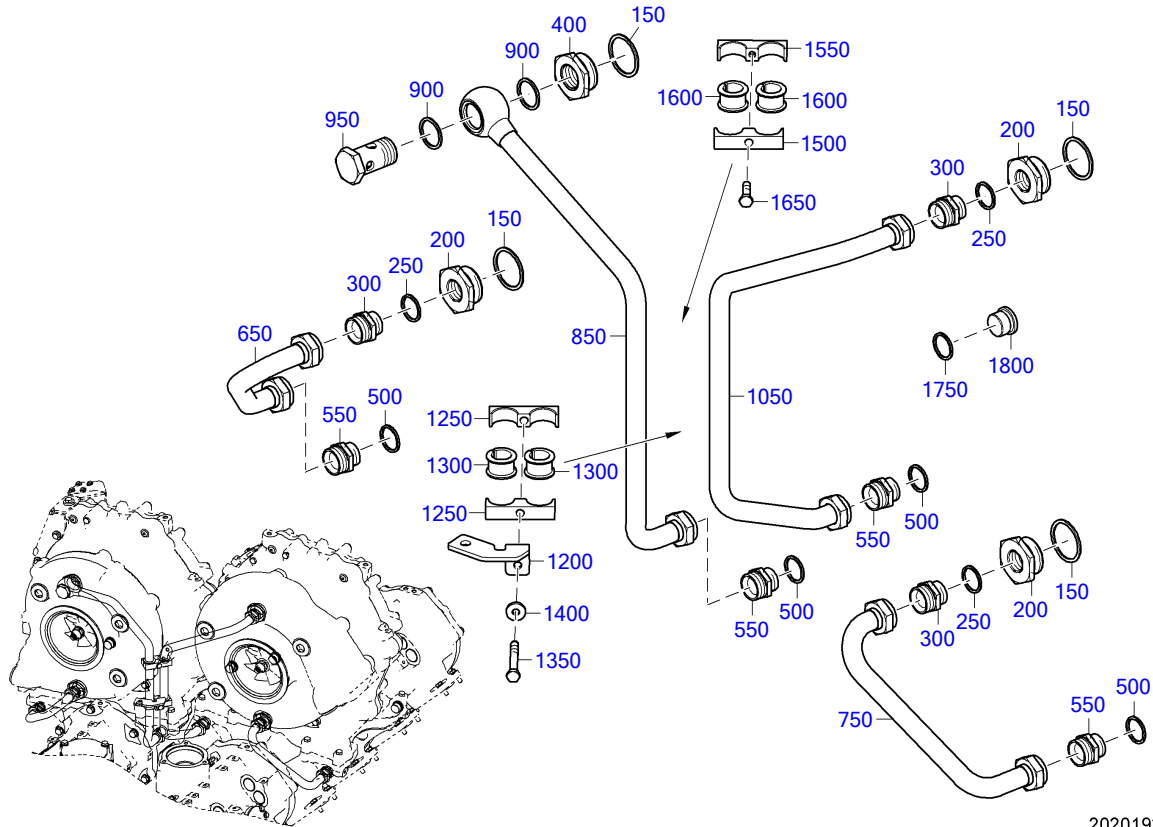
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
2660	X59520200139	VENT LINE		1	PC		SB		
2670	X59420200175	VENT LINE		1	PC	200 G	SB		
2690	5559920101	BUSHING		1	PC	17,320 G			
2700	700325012111	CLAMP HALF TUBE 1/1 D11-12		2	PC	23 G		1/1 D11 - 12	MMN325
2710	700327008000	GROMMET		1	PC	2,300 G		8	MMN327
2720	700325015110	CLAMP HALF TUBE 1/1 D11-15		2	PC	30,570 G		1/1 D11 - 15	MMN325
2730	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
2740	000000003322	BOLT HEX A3C		1	PC	66 G		M 10 X 90	ISO4014
2750	X59420200083	VENT LINE		1	PC		SB		
2770	X59599100079	RETAINER		1	PC	196 G			
2772	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
2774	204017008009	BOLT		1	PC	11 G		M 8 X 18	ISO4017
2780	700325012104	CLAMP HALF TUBE 2/1 D9-12		2	PC	33,800 G		2/1 D 9 - 12	MMN325
2790	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34,030 G		1/1 D 9 - 15	MMN325
2800	700327008000	GROMMET		2	PC	2,300 G		8	MMN327
2810	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
2820	304017008083	BOLT HEX A3C		2	PC	15 G		M 8 X 30	ISO4017
2840	007603014102	COPPER SEALING RING		1	PC	1 G		A 14 X 18	DIN7603
2850	915006006000	UNION		1	PC	22,900 G		6	N15006
2870	007603014102	COPPER SEALING RING		1	PC	1 G		A 14 X 18	DIN7603
2880	915006006000	UNION		1	PC	22,900 G		6	N15006
2890	X59520200052	VENT LINE		1	PC		SB		
2910	5621870540	BRACKET FLAT H:50		1	PC	49 G			
2920	700325012100	CLAMP HALF TUBE 1/1 D9-12		2	PC	25 G		1/1 D 9 - 12	MMN325
2930	700327008000	GROMMET		1	PC	2,300 G		8	MMN327
2940	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
2950	304017008077	BOLT HEX A3C S2000/4000		1	PC	10 G		M 8 X 16	ISO4017
3000	X59599100072	RETAINER		1	PC				
3020	304032008014	NUT HEX 8 A3C		2	PC	4,800 G		M 8	ISO4032
3030	304017008083	BOLT HEX A3C		2	PC	15 G		M 8 X 30	ISO4017
3040	007349008002	WASHER		4	PC	8,300 G		8,4	DIN7349
3044	X59420200260	SUPPORT		1	PC	18 KG			
3046	735151010100	SPACER		4	PC	11 G		A 10,5	MTN5151
3048	000000004745	HEX SCREW		4	PC	43 G		M 10 X 65	ISO4017
3060	X59520300015	DISTRIBUTOR	16V-AS_BH-RED_FREMDK	1	PC	2,180 KG			
3070	204017008028	HEX SCREW		2	PC	23,400 G		M 8 X 55	ISO4017
3220	X59520200126	VENT LINE		1	PC	120 G	SB		
3250	X59420200022	VENT LINE		1	PC	110 G	SB		
3755	X59599100068	RETAINER		1	PC	183 G			
3760	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34,030 G		1/1 D 9 - 15	MMN325
3765	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
3770	304017008086	BOLT HEX A3C		1	PC	19,400 G		M 8 X 45	ISO4017
3775	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
3780	304032008014	NUT HEX 8 A3C		1	PC	4,800 G		M 8	ISO4032
3785	304017008081	HEX BOLT		2	PC	13,500 G		M 8 X 25	ISO4017
3790	007349008002	WASHER		2	PC	8,300 G		8,4	DIN7349
3795	304032008014	NUT HEX 8 A3C		2	PC	4,800 G		M 8	ISO4032
4600	700325012100	CLAMP HALF TUBE 1/1 D9-12		2	PC	25 G		1/1 D 9 - 12	MMN325
4650	700327008000	GROMMET		1	PC	2,300 G		8	MMN327
4800	700325012104	CLAMP HALF TUBE 2/1 D9-12		1	PC	33,800 G		2/1 D 9 - 12	MMN325
4850	700325012202	CLAMP HALF TUBE 2/1 G8-12		1	PC	34,800 G		2/1 G 8 - 12	MMN325
4900	700327008000	GROMMET		2	PC	2,300 G		8	MMN327
4950	304017008086	BOLT HEX A3C		1	PC	19,400 G		M 8 X 45	ISO4017
5050	007603012111	COPPER SEALING RING		1	PC	0,700 G		A 12 X 15,5	DIN7603

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
5100	915013006002	UNION		1	PC	19,600 G		6	N15013
5150	700160000006	ELBOW 90 DEG KR 6		1	PC			KR 6	MMN160
5200	735038006103	HOSE		1	PC	196,500 G		1SN 6 CC 500	MTN5038
5400	X59599100066	RETAINER		1	PC	65 G			
5450	204017012004	HEX SCREW		2	PC	29,600 G		M 12 X 20	ISO4017
5500	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34,030 G		1/1 D 9 - 15	MMN325
5550	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
5600	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
5650	X59520200124	VENT LINE		1	PC	130 G	SB		
5750	X59499100118	RETAINER		1	PC	768 G			
5800	000000003020	BOLT HEX A3C		2	PC	20,010 G		M 10 X 20	ISO4017
5900	X59420200182	DISTRIBUTOR		1	PC	1,580 KG			
5950	000912008022	SCREW		2	PC	18 G		M 8 X 35	DIN912
6050	X59520200123	VENT LINE		1	PC	93 G	SB		
6200	007603012102	WASHER A COP		1	PC	0,800 G		A 12 X 16	DIN7603
6250	915007008003	CONNECTOR 8/4		1	PC	27 G		8 / 4 (M16X1,5/M12X1,5)	N15007
6300	X59420200178	VENT LINE		1	PC	178 G	SB		
6350	X59499100119	RETAINER		1	PC	237 G			
6400	000000003020	BOLT HEX A3C		1	PC	20,010 G		M 10 X 20	ISO4017
6450	700325015104	CLAMP HALF TUBE 2/1 D9-15		2	PC	47 G		2/1 D 9 - 15	MMN325
6500	700327010000	GROMMET		2	PC	3,650 G		10	MMN327
6550	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
6650	007603012102	WASHER A COP		1	PC	0,800 G		A 12 X 16	DIN7603
6700	915007008003	CONNECTOR 8/4		1	PC	27 G		8 / 4 (M16X1,5/M12X1,5)	N15007
6750	X59420200179	VENT LINE		1	PC	182 G	SB		
6900	007603030101	COPPER SEALING RING		1	PC			A 30 X 36	DIN7603
6950	X00020487	BUSHING THREADED C23		1	PC				
7000	007603022102	COPPER SEALING RING		1	PC	0,900 G		A 22 X 27	DIN7603
7050	915007013000	CONNECTOR 13/8		1	PC	49,200 G		13 / 8 (M22X1,5/M16X1,5)	N15007
7100	X59420200177	VENT LINE		1	PC	224 G	SB		
7200	X59499100120	RETAINER		1	PC	327 G			
7350	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34,030 G		1/1 D 9 - 15	MMN325
7400	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
7420	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
7450	304017008086	BOLT HEX A3C		1	PC	19,400 G		M 8 X 45	ISO4017
7500	304032008014	NUT HEX 8 A3C		1	PC	4,800 G		M 8	ISO4032
7510	007349010002	WASHER		1	PC	11 G		10,5	DIN7349
7520	000000003510	HEX SCREW		1	PC	66 G		M 10 X 90	ISO4014
7600	700325015104	CLAMP HALF TUBE 2/1 D9-15		1	PC	47 G		2/1 D 9 - 15	MMN325
7650	700325015202	CLAMP HALF TUBE 2/1 G8-15		1	PC	49 G		2/1 G 8 - 15	MMN325
7700	700327010000	GROMMET		2	PC	3,650 G		10	MMN327
7750	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
7850	007603030101	COPPER SEALING RING		1	PC			A 30 X 36	DIN7603
7900	X00020487	BUSHING THREADED C23		1	PC				
7950	007603022102	COPPER SEALING RING		1	PC	0,900 G		A 22 X 27	DIN7603
8000	915007013000	CONNECTOR 13/8		1	PC	49,200 G		13 / 8 (M22X1,5/M16X1,5)	N15007
8050	X59420200183	VENT LINE		1	PC	233 G	SB		
8150	5559920101	BUSHING		1	PC	17,320 G			
8200	700325015110	CLAMP HALF TUBE 1/1 D11-15		2	PC	30,570 G		1/1 D11 - 15	MMN325
8250	700327010000	GROMMET		1	PC	3,650 G		10	MMN327
8300	000000001042	BOLT HEX A3C		1	PC	35 G		M 10 X 50	ISO4017
8400	X52899100028	NIPPLE		4	PC	49 G			



20201927a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
20	007603014102	COPPER SEALING RING	4	PC	1 G	A 14 X 18	DIN7603
30	X57518500023	SCREW-FITTING UNION F/TURBO OIL SUPPLY	2	PC	33 G	INNENDURCHMESSER 2MM	
40	X57518500026	SCREW-FITTING UNION F/TURBO OIL SUPPLY	2	PC	0,033 KG	INNENDURCHMESSER 1MM	
50	007603016105	COPPER SEALING RING	2	PC		A 16 X 20	DIN7603
60	915006008002	UNION	1	PC	29,700 G	8	N15006
70	000908016001	THREADED PLUG	1	PC		M 16 X 1,5	DIN908



20201926a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
150	007603042101	COPPER SEALING RING	4	PC	8 G		A 42 X 49	DIN7603
200	X00038983	BUSHING THREADED M42	3	PC	190 G			
250	007603026104	COPPER SEALING RING	3	PC	3,100 G		A 26 X 31	DIN7603
300	915013020002	SCREW NECK	3	PC	67,500 G		20 (M30X1,5/M26X1,5)	N15013
400	X52899100021	THREADED BUSHING	1	PC	157 G			
500	007603026104	COPPER SEALING RING	4	PC	3,100 G		A 26 X 31	DIN7603
550	915013020002	SCREW NECK	4	PC	67,500 G		20 (M30X1,5/M26X1,5)	N15013
650	X59420200115	COOLANT LINE	1	PC				
750	X00004206	TUBE TURBO COOLANT SPLY 344.620	1	PC		SB		
850	X59520200129	COOLANT LINE	1	PC		SB		
900	007603030101	COPPER SEALING RING	2	PC			A 30 X 36	DIN7603
950	700223020000	BOLT BANJO A20	1	PC	207 G		A 22	MMN223
1050	X59520200062	COOLANT LINE	1	PC	0,890 KG			
1200	X59599100070	RETAINER	1	PC	140 G			
1250	700325028102	CLAMP HALF TUBE 2/1 D9-28	2	PC	82 G		2/1 D 9 - 28	MMN325
1300	700327022000	GROMMET	2	PC	9 G		22	MMN327
1350	304014008029	BOLT	1	PC	31 G		M 8 X 70	ISO4014
1400	007349008002	WASHER	1	PC	8,300 G		8,4	DIN7349
1500	700325028102	CLAMP HALF TUBE 2/1 D9-28	1	PC	82 G		2/1 D 9 - 28	MMN325
1550	700325028202	CLAMP HALF TUBE 2/1 G8-28	1	PC	82 G		2/1 G 8 - 28	MMN325
1600	700327022000	GROMMET	2	PC	9 G		22	MMN327
1650	304017008084	BOLT HEX A3C	1	PC	16,565 G		M 8 X 35	ISO4017
1750	007603026104	COPPER SEALING RING	4	PC	3,100 G		A 26 X 31	DIN7603
1800	000908026005	THREAD PLUG	4	PC	69,900 KG		M 26 X 1,5	DIN908

EQUI TYPE: Engine

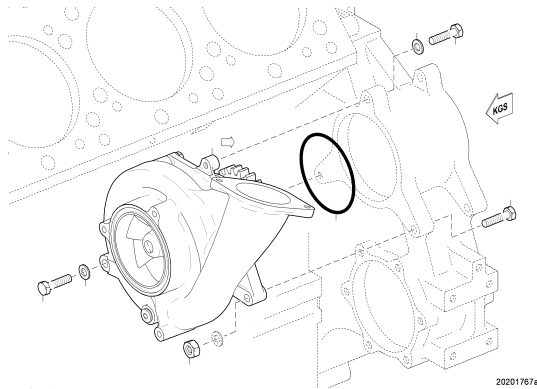
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PREHEATER

SERIAL NUMBER: 527110279

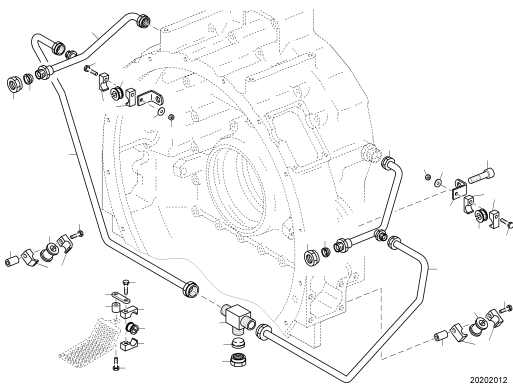
FG/FGS: 200 00
BOM-No.: XS595200.00107

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS
10	X59520200168	PREHEATER	3-PHASIG, 12 KW, 440 V, 60 HZ	1	PC

GROUP NUMBER (FG)
GROUP NAME
BOM-No.

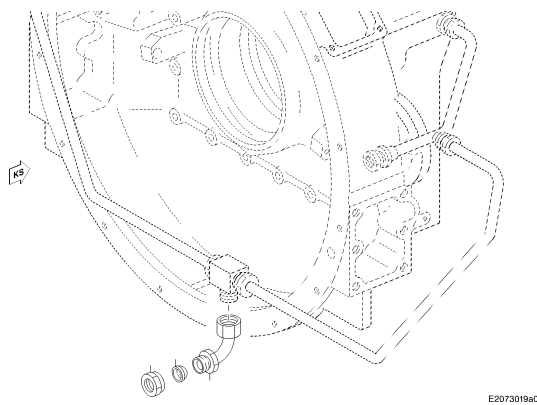


COOLANT PUMP HIGH-TEMP CIRCUIT
XS595200.00014

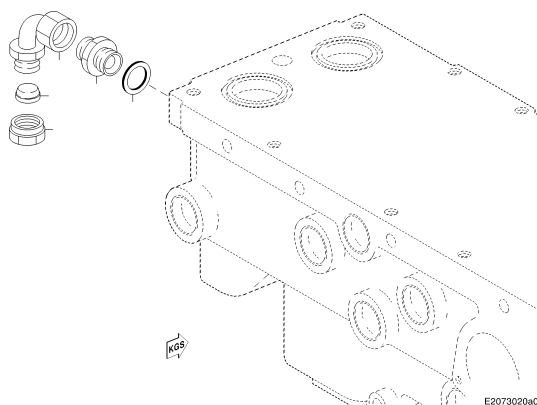


COOLANT LINE ON FLYWHEEL HSNG
XS594200.00064

END COVER FOR COOLANT
XS594990.00059



CONNECTING HARDWARE FOR PREHEATING UNIT
200.00029

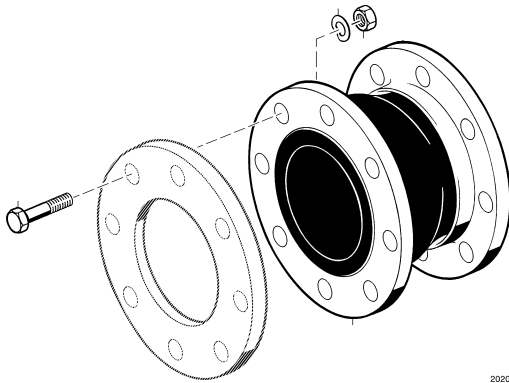


CONNECTING HARDWARE FOR PREHEATING UNIT
200.00030

GROUP NUMBER (FG)

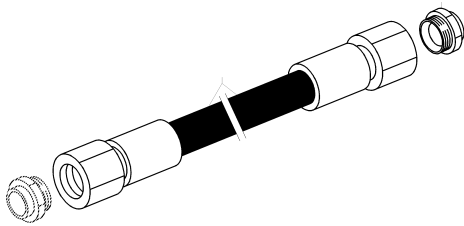
GROUP NAME

BOM-No.



BELLOWS
200.00034

20200039a



HOSE
200.00084

E2023074a0

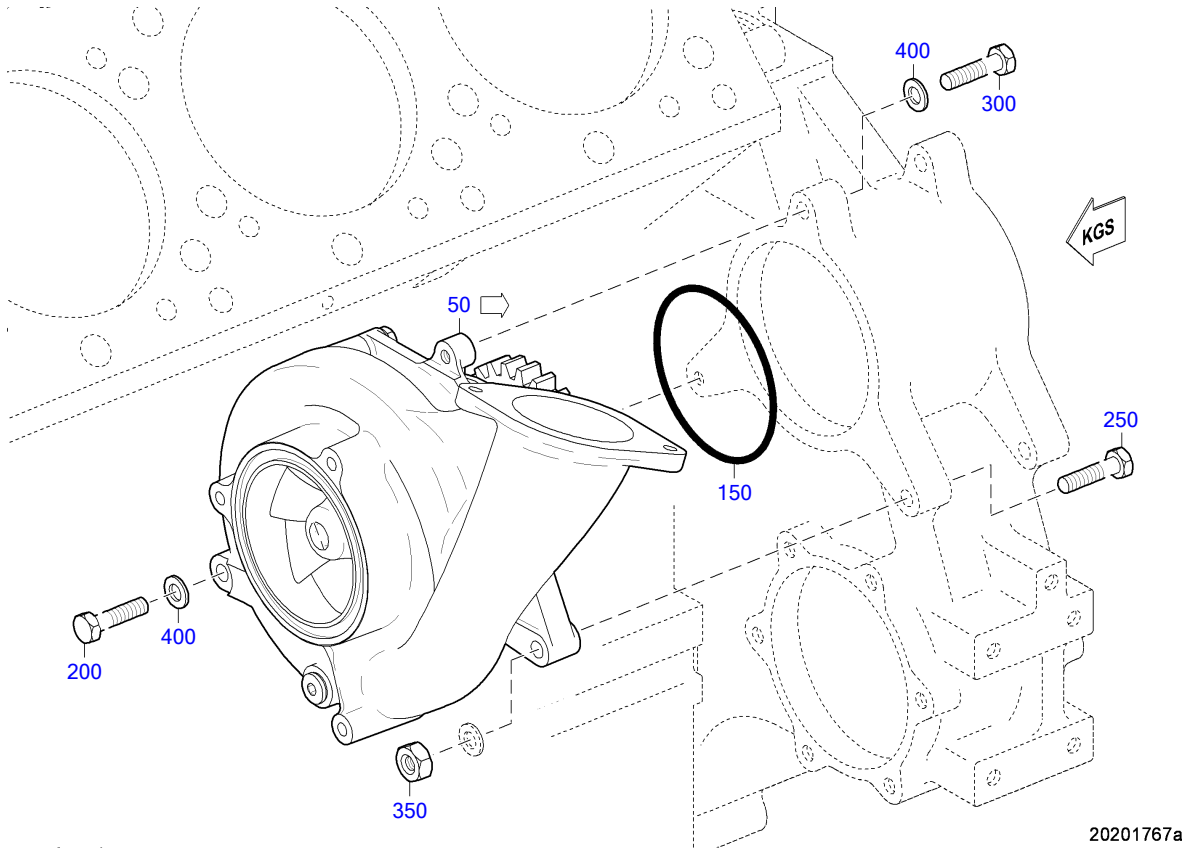
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
COOLANT PUMP HIGH-TEMP CIRCUIT

SERIAL NUMBER: 527110279

FG/FGS: 202 05

BOM-No.: XS595200.00014



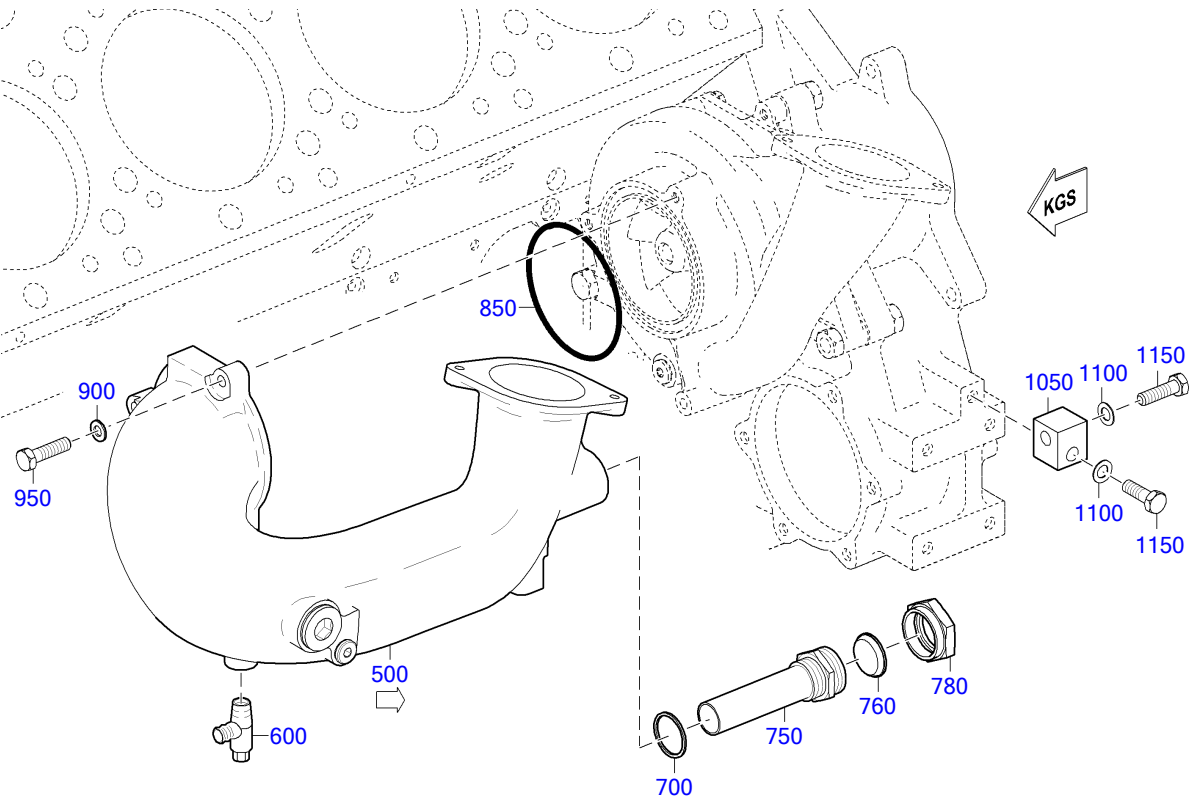
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
COOLANT PUMP HIGH-TEMP CIRCUIT

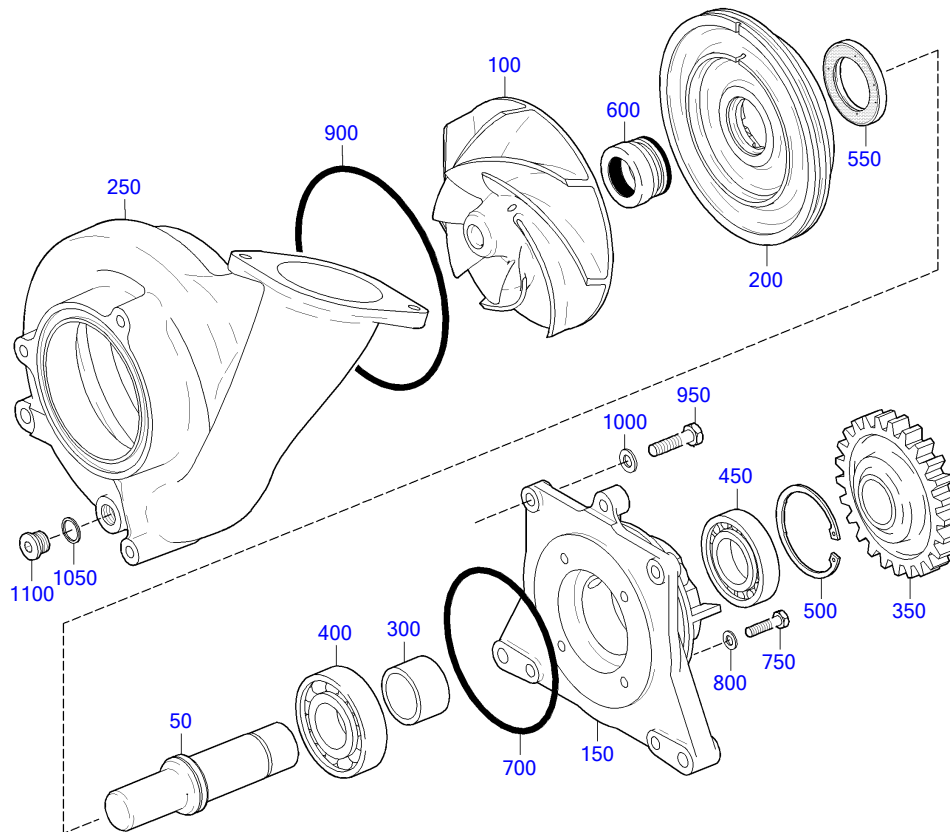
SERIAL NUMBER: 527110279

FG/FGS: 202 05

BOM-No.: XS595200.00014

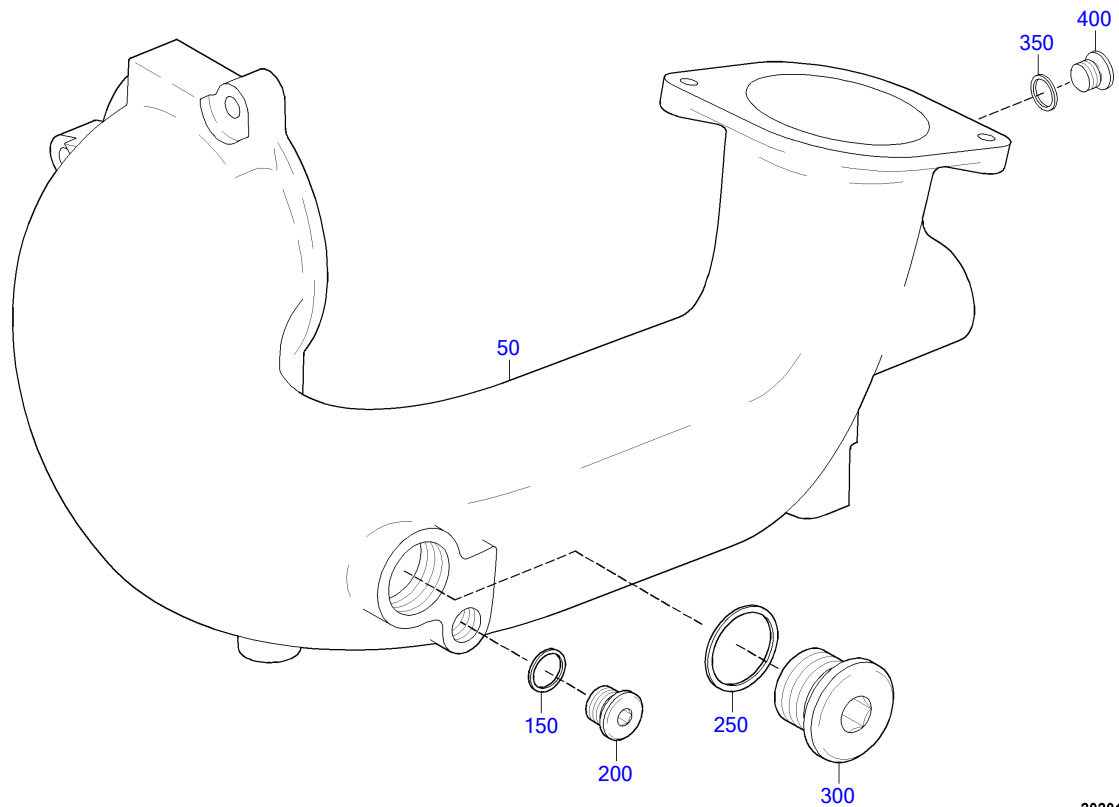


POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
50	X00036684	COOLANT PUMP	1	PC	30 KG	EM		
150	700429130003	O-RING	1	PC	18 G		130 X 5	MMN429
200	000000003921	HEX SCREW	1	PC	125 G		M 12 X 150	ISO4014
250	204017012019	HEX SCREW	1	PC	68 G		M 12 X 75	ISO4017
300	000000003926	BOLT HEX A3C	1	PC	55,600 G		M 12 X 55	ISO4017
350	000000004744	HEX NUT	1	PC	32 G		M 12	ISO4032
400	000125013012	WASHER	3	PC	5,320 G	MN	A 13	DIN125
500	X00038564	ELBOW	1	PC	12,680 KG			
600	0049976736	VALVE DRAIN	1	PC				
700	007603038101	COPPER SEALING RING	1	PC	5,400 G		A 38 X 44	DIN7603
750	X00043213	INJECTOR FOR ELBOW	1	PC		SB		
760	735189035000	SEALING CONE	1	PC	35 G		35	MTN5189
780	915001032003	NUT	1	PC	122 G		32 M 45 X 1,5	N15001
850	700429130000	O-RING	1	PC	27 G		130 X 6	MMN429
900	000125010524	WASHER	3	PC	3,100 G		A 10,5	DIN125
950	000000001039	BOLT HEX A3C	3	PC	29,800 G		M 10 X 40	ISO4017
1050	5242030340	SUPPORT MTG HOLDER	1	PC				
1100	000125013012	WASHER	2	PC	5,320 G	MN	A 13	DIN125
1150	000000003926	BOLT HEX A3C	2	PC	55,600 G		M 12 X 55	ISO4017



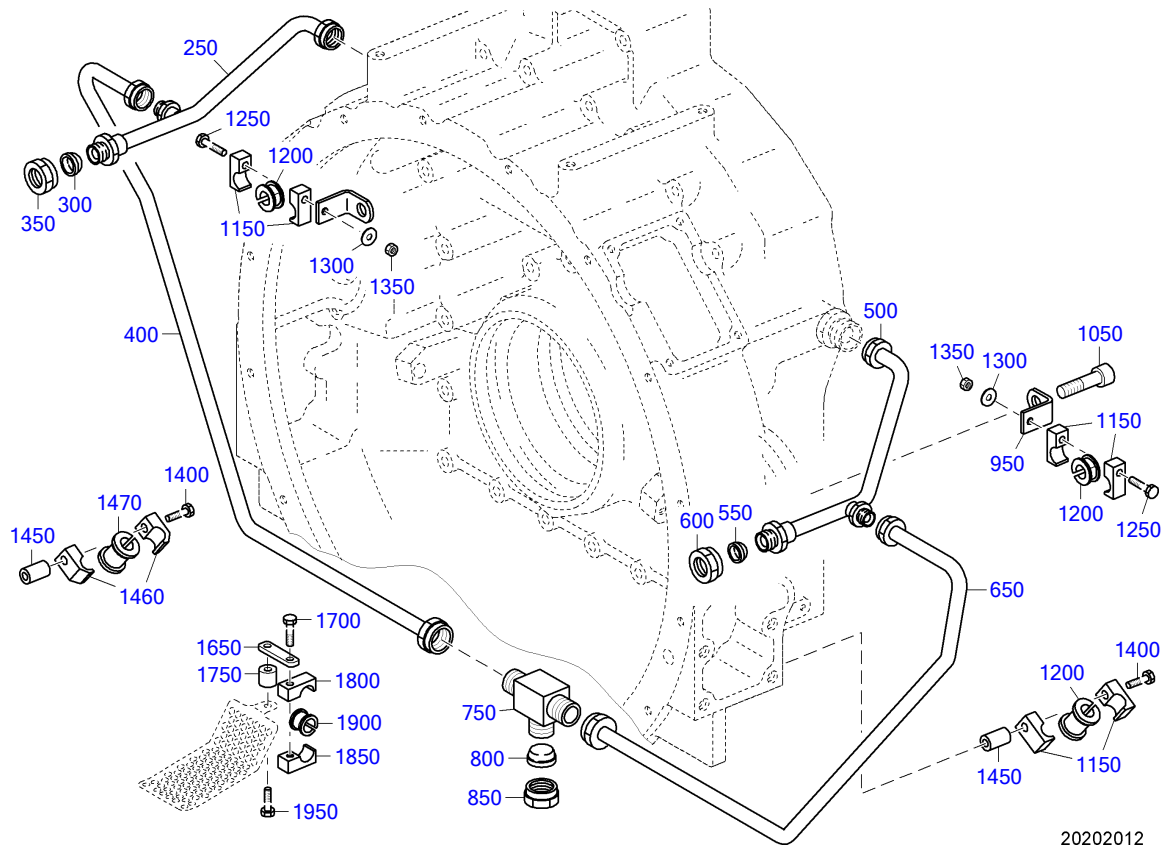
20201415a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	5272010805	SHAFT WTR PMP HI TEMP CLG CIRCUIT	1	PC	1,699 KG		
100	X00034674	IMPELLER	1	PC	3,070 KG		
150	X00039620	BEARING HOUSING	1	PC	7,750 KG		
200	X00036678	SEAL CARRIER	1	PC			
250	X00034669	SPIRAL HOUSING HT COOLANT CIRCUIT	1	PC			
300	5272010153	SPACER SLEEVE	1	PC	172,800 G		
350	X00041743	GEAR	1	PC	1,780 KG		
400	200628103006	BEARING ANGULAR CONTACT ROLLER	1	PC	766,500 G	QJ308	DIN628
450	705100502035	BEARING CYLINDRICAL ROLLER	1	PC		NU208	DIN5412
500	000472080000	RING SNAP	1	PC	22,820 G	80 X 2,5	DIN472
550	700386050002	SEAL OIL	1	PC	30,800 G	A 50 X 72 X 8	MMN386
600	X00026765	ROTARY SEAL	1	PC	119,200 G		
700	700429135000	O-RING	1	PC	19,055 G	135 X 5	MMN429
750	000931008241	BOLT HEX	4	PC	32 G	M 8 X 75	DIN931
800	000125008427	WASHER	4	PC	1,500 G	A 8,4	DIN125
900	700429185002	O-RING	1	PC	26,500 G	185 X 5	MMN429
950	000933010093	HEX BOLT	4	PC	28,600 G	M 10 X 35	DIN933
1000	000125010524	WASHER	4	PC	3,100 G	A 10,5	DIN125
1050	007603018101	COPPER SEALING RING	1	PC	1,300 G	A 18 X 22	DIN7603
1100	000908018002	PLUG	1	PC	29,800 KG	M 18 X 1,5	DIN908



20201416a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	X00038561	ELBOW	1	PC			
150	007603018101	COPPER SEALING RING	1	PC	1,300 G	A 18 X 22	DIN7603
200	000908018002	PLUG	1	PC	29,800 KG	M 18 X 1,5	DIN908
250	007603038101	COPPER SEALING RING	1	PC	5,400 G	A 38 X 44	DIN7603
300	000908038000	THREAD PLUG	1	PC	150,800 KG	M 38 X 1,5	DIN908
350	007603014102	COPPER SEALING RING	1	PC	1 G	A 14 X 18	DIN7603
400	000908014001	THREAD PLUG	1	PC	16,100 KG	M 14 X 1,5	DIN908



20202012

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
250	5242002352	PIPE	1	PC	420,700 G	SB		
300	915005020001	CONE SEALING	1	PC	15,400 G		22	MBN15005
350	915001020003	NUT	1	PC	48 G		20 M 30 X 1,5	N15001
400	5242002252	PIPE	1	PC	596,100 G	SB		
500	5242002052	PIPE	1	PC	403 G	SB		
550	915005020001	CONE SEALING	1	PC	15,400 G		22	MBN15005
600	915001020003	NUT	1	PC	48 G		20 M 30 X 1,5	N15001
650	5242002152	PIPE	1	PC	709 G	SB		
750	5569970974	FITTING TEE	1	PC	250 G		DN 20 / M30X1,5	
800	915005020001	CONE SEALING	1	PC	15,400 G		22	MBN15005
850	915001020003	NUT	1	PC	48 G		20 M 30 X 1,5	N15001
950	X52420200016	BRACKET L	2	PC				
1050	000912016004	BOLT HEX SOC HD	2	PC	103 G		M 16 X 45	DIN912
1150	700325022100	CLAMP HALF TUBE 1/1 D9-22	4	PC	48 G		1/1 D 9 - 22	MMN325
1200	700327018000	GROMMET	2	PC	4,700 G		18	MMN327
1250	304017008087	BOLT HEX	2	PC	4,263 G		M 8 X 50	ISO4017
1300	007349008002	WASHER	2	PC	8,300 G		8,4	DIN7349
1350	304032008014	NUT HEX 8 A3C	2	PC	4,800 G		M 8	ISO4032
1400	000000004389	HEX SCREW	2	PC	29,800 G		M 8 X 75	ISO4017
1450	5531530050	SPACER BUSHING	2	PC			10MM X 19MM L=32	
1460	X00031062	CLAMP PIPE HALF	4	PC				
1470	700327018000	GROMMET	2	PC	4,700 G		18	MMN327
1650	5500783841	RETAINER	2	PC	30 G			
1700	304017008085	BOLT HEX	2	PC	18 G		M 8 X 40	ISO4017
1750	X57299100096	SPACER SLEEVE	2	PC	22,600 G			

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
COOLANT LINE ON FLYWHEEL HSN

SERIAL NUMBER: 527110279

FG/FGS: 202 15

BOM-No.: XS594200.00064

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
1800	700325022100	CLAMP HALF TUBE 1/1 D9-22	2	PC	48 G		1/1 D 9 - 22	MMN325
1850	700325022200	CLAMP HALF TUBE 1/1 G8-22	2	PC	49 G		1/1 G 8 - 22	MMN325
1900	700327018000	GROMMET	2	PC	4,700 G		18	MMN327
1950	304017008085	BOLT HEX	2	PC	18 G		M 8 X 40	ISO4017

EQUI TYPE: Engine

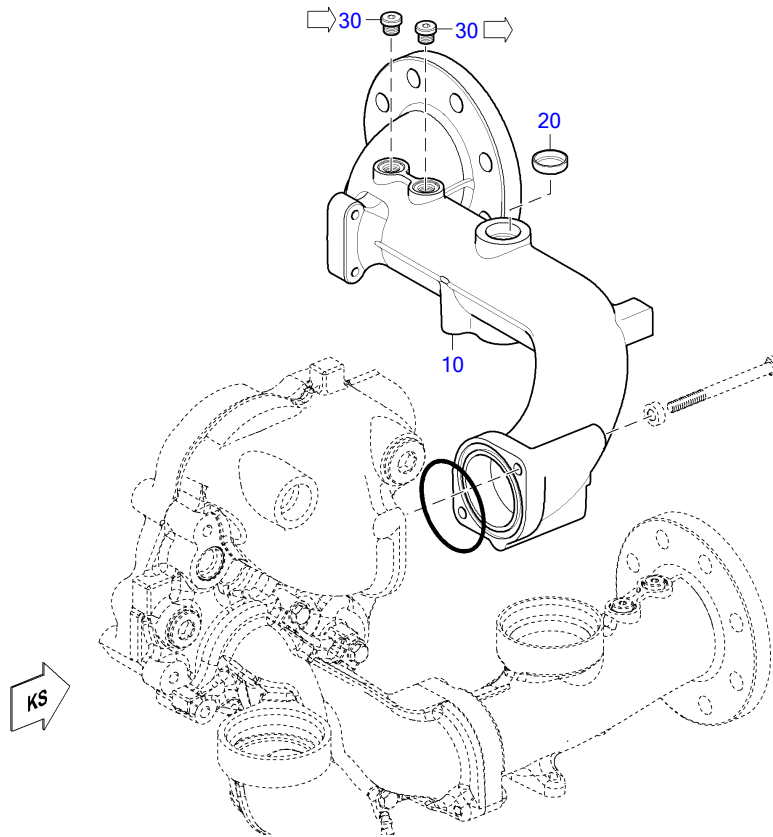
PRODUCT TYPE: 16V4000M23S
END COVER FOR COOLANT

SERIAL NUMBER: 527110279

FG/FGS: 202 15

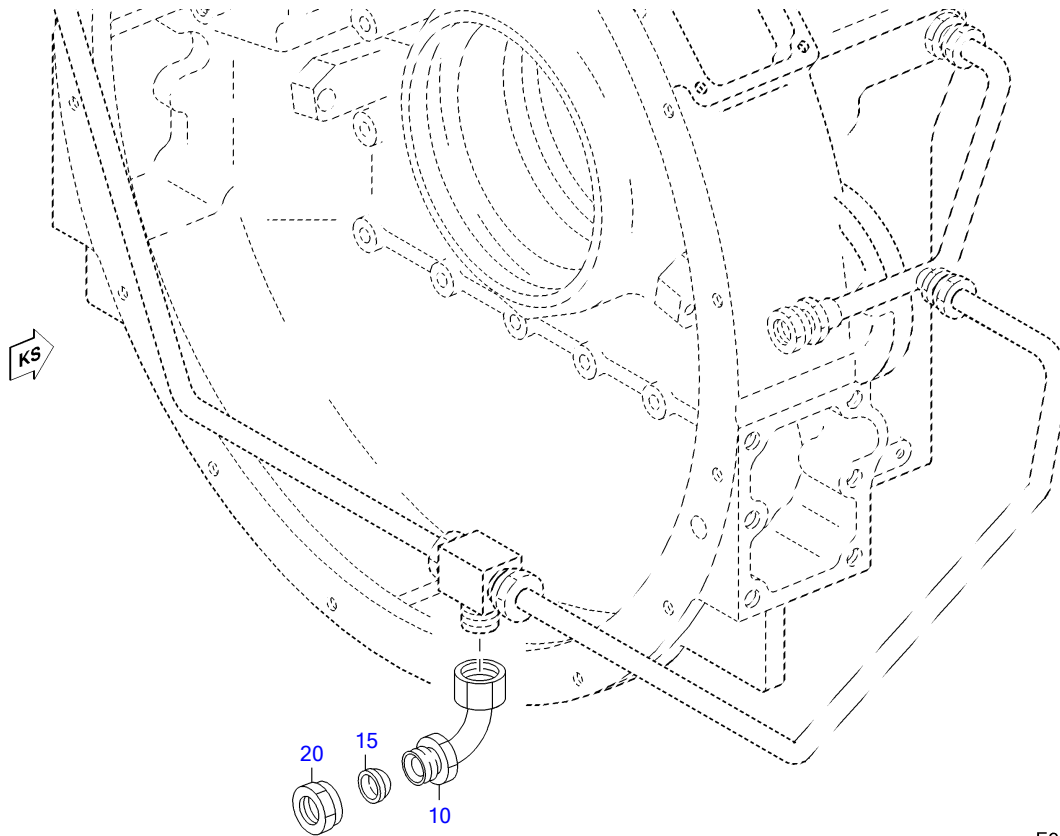
BOM-No.: XS594990.00059

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
200	X52499100632	BLIND FLANGE FOR ENGINE SHIPPING	1	PC			
250	5171870380	GASKET	1	PC			
300	200125017001	WASHER	8	PC	14,700 G	A 17	DIN125
350	000000003713	HEX SCREW	8	PC	110 G	M 16 X 55	ISO4017
400	200125017001	WASHER	8	PC	14,700 G	A 17	DIN125
450	000000003789	HEX NUT	8	PC	34,900 G	M 16	ISO4032



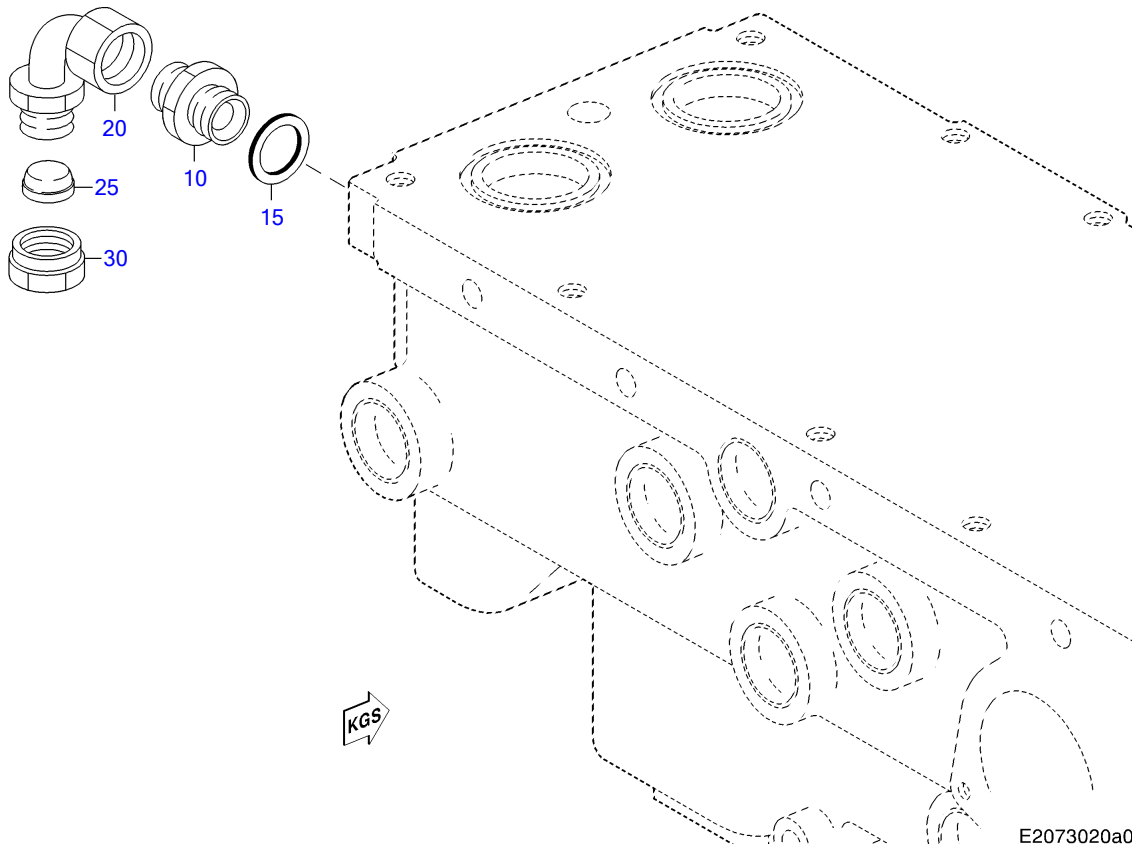
20600517

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
10	X59320200088	ELBOW TO COOLANT COOLER	1	PC		EM		
20	000443032000	COVER	2	PC	17,010 G		A 32	DIN443
30	735210014000	THREAD PLUG	2	PC	19,100 KG		M 14 X 1,5	MTN5210

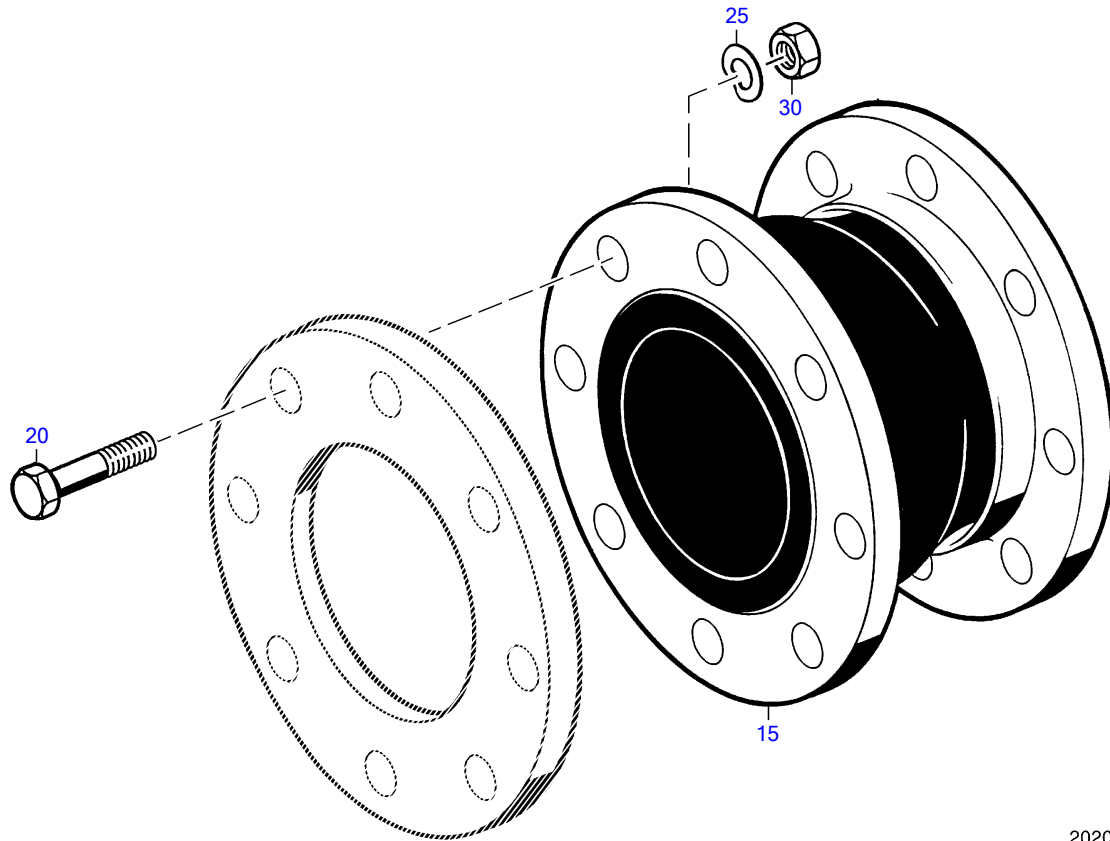


E2073019a0

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	700160000020	ELBOW 90 DEG KR 20	1	PC	210 G	KR 20	MMN160
15	915005020001	CONE SEALING	1	PC	15,400 G	22	MBN15005
20	915001020003	NUT	1	PC	48 G	20 M 30 X 1,5	N15001

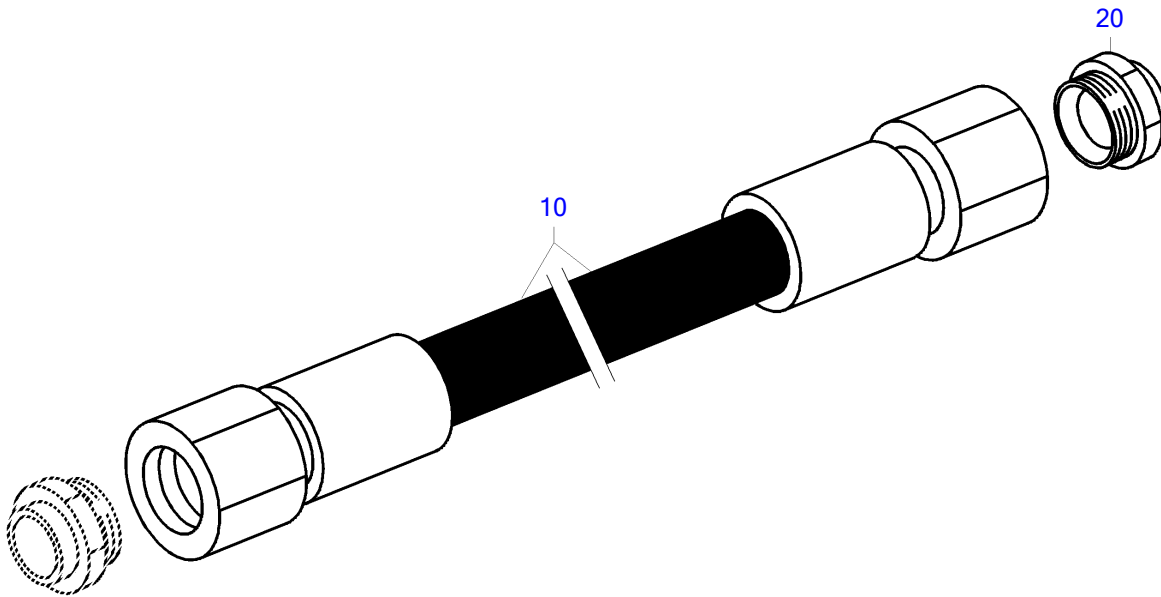


POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	915006020000	UNION	1	PC	87,500 G	20	N15006
15	007603030101	COPPER SEALING RING	1	PC		A 30 X 36	DIN7603
20	700160000020	ELBOW 90 DEG KR 20	1	PC	210 G	KR 20	MMN160
25	915005020001	CONE SEALING	1	PC	15,400 G	22	MBN15005
30	915001020003	NUT	1	PC	48 G	20 M 30 X 1,5	N15001



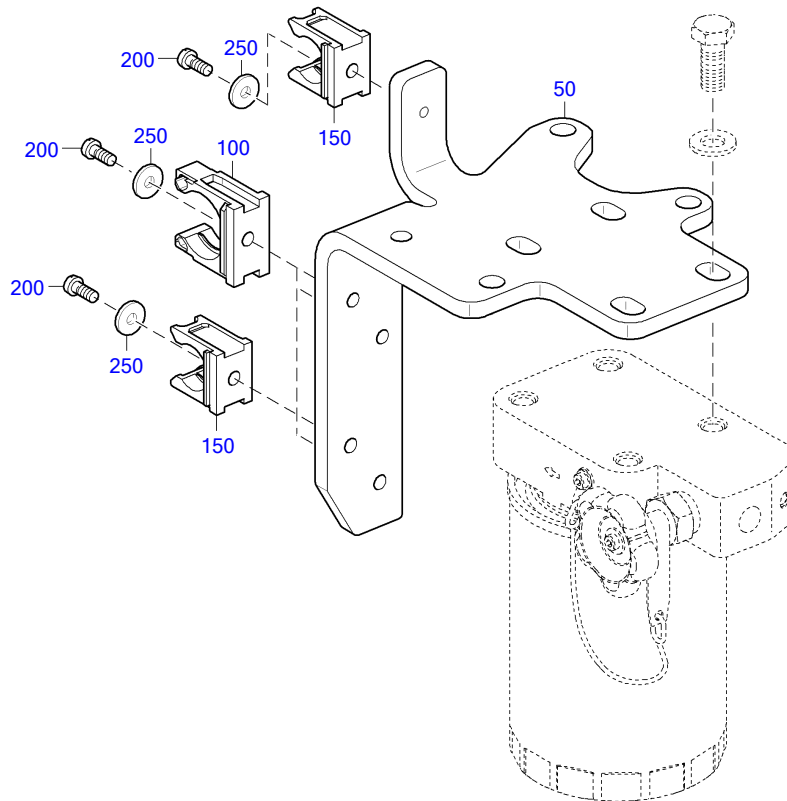
20200039a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
15	0002035383	COMPENSATOR	STD EL 145 MM , DN 80 MM	1	PC	7,320 KG		
20	304017016028	BOLT HEX A3C		8	PC	109 G	M 16 X 55	ISO4017
25	000137016201	WASHER SPRING B16		8	PC	5,200 G	B 16	DIN137
30	000934016019	NUT HEX 8		8	PC	29,500 G	M 16	DIN934



E2023074a0

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	735038008107	HOSE	1	PC	214 G	1SN 8 CC 300	MTN5038
20	718363208002	UNION	2	PC	20,700 G	10/M 16 X 1,5	MMN18363.2



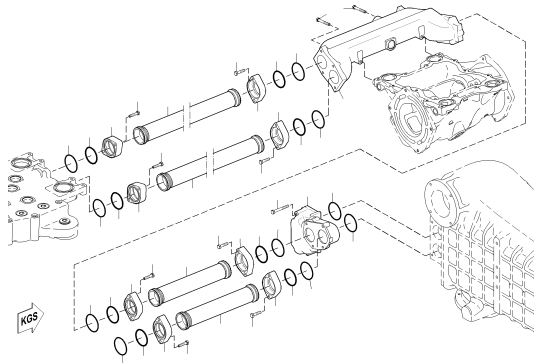
20202636

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	X59320200059	RETAINER	1	PC	1,430 KG		
100	X52650700039	CABLE CLAMP	3	PC	9 G	ROHRCLIP DN26	
150	0015331940	RETAINER CABLING AND PIPEWOR	2	PC	5,650 G	ROHRCLIP DN17	
200	000084005196	SCREW	5	PC	2,670 G	M 5 X 12	DIN84
250	007349005002	WASHER	5	PC		5,3	DIN7349

GROUP NUMBER (FG)

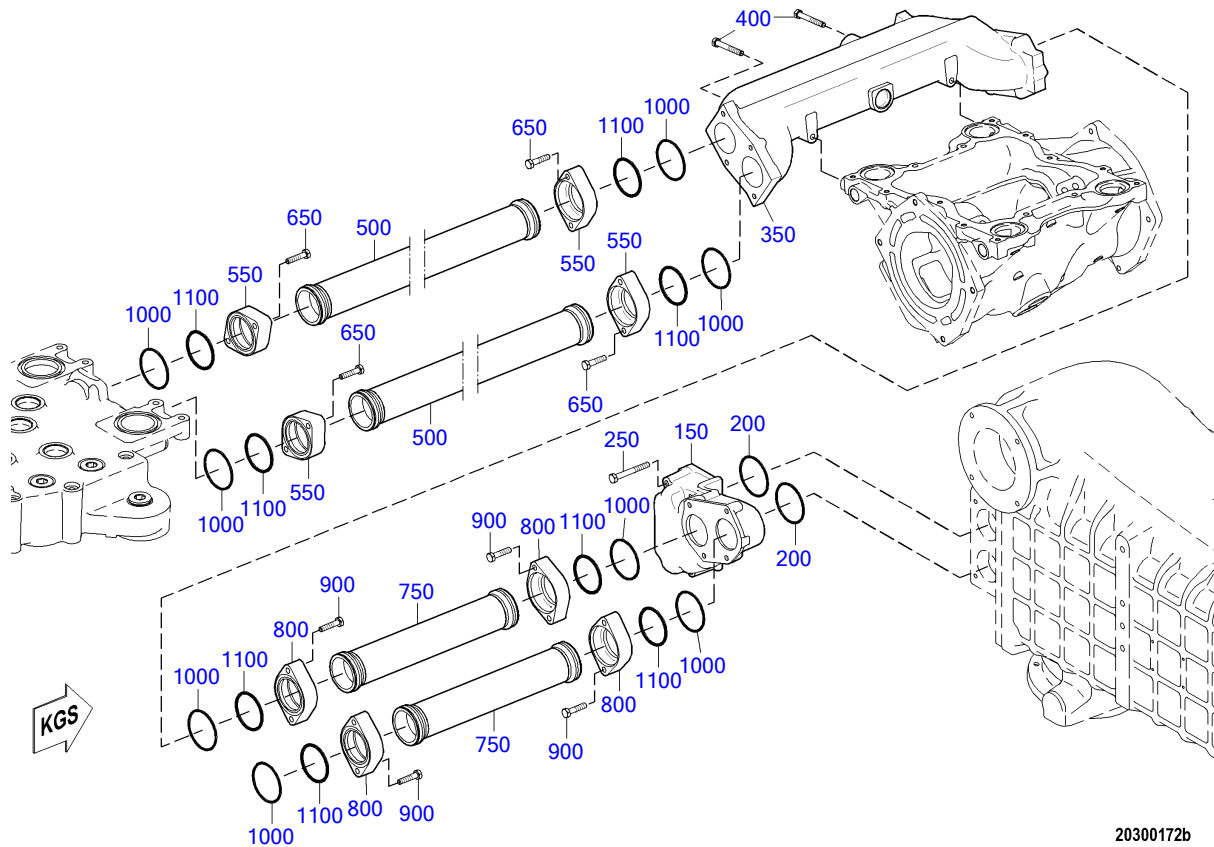
GROUP NAME

BOM-No.



COOLANT DUCTING LT CIRCUIT
X00019354

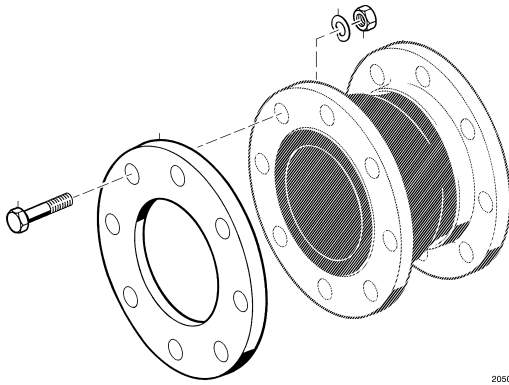
20000172b



20300172b

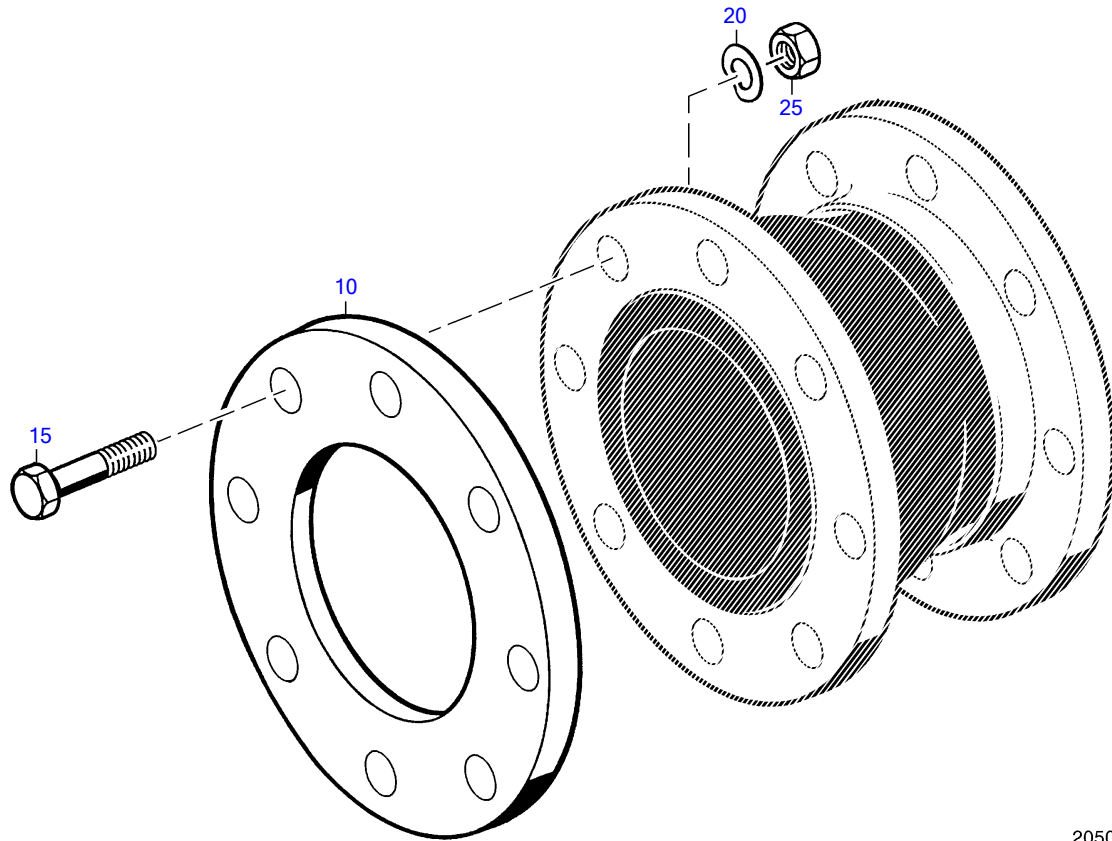
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
150	5262030222	ELBOW TWIN C23	1	PC	10,200 KG		
200	700429076000	O-RING	2	PC	7,090 G	76 X 4	MMN429
250	204017010026	HEX SCREW	4	PC	52,100 G	M 10 X 85	ISO4017
350	X59420300029	COOLANT ELBOW	1	PC	22,100 KG		
400	000000004742	HEX SCREW	2	PC	48,800 G	M 10 X 75	ISO4017
500	5262003551	TUBE ASM 720	2	PC	3,260 KG		
550	5262030439	FLANGE WELDING-NECK	4	PC	603,800 G		
650	204017010021	BOLT A3C	8	PC	33,200 G	M 10 X 45	ISO4017
750	5262003651	TUBE ASM 415 C23	2	PC	1,980 KG		
800	5262030439	FLANGE WELDING-NECK	4	PC	603,800 G		
900	204017010021	BOLT A3C	8	PC	33,200 G	M 10 X 45	ISO4017
1000	700429076000	O-RING	8	PC	7,090 G	76 X 4	MMN429
1100	700429070000	O-RING	8	PC	10,300 G	70 X 5	MMN429

GROUP NUMBER (FG)
GROUP NAME
BOM-No.



COMPANION FLANGE
200.00035

20500013a



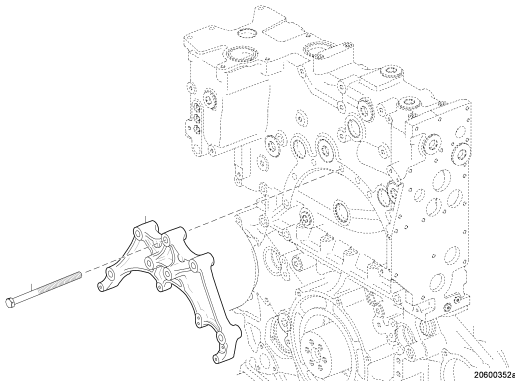
20500013a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	002576080200	FLANGE	1	PC	3,550 KG	B 80 X 88,9	DIN2576
15	304017016028	BOLT HEX A3C	8	PC	109 G	M 16 X 55	ISO4017
20	000137016201	WASHER SPRING B16	8	PC	5,200 G	B 16	DIN137
25	000934016019	NUT HEX 8	8	PC	29,500 G	M 16	DIN934

GROUP NUMBER (FG)

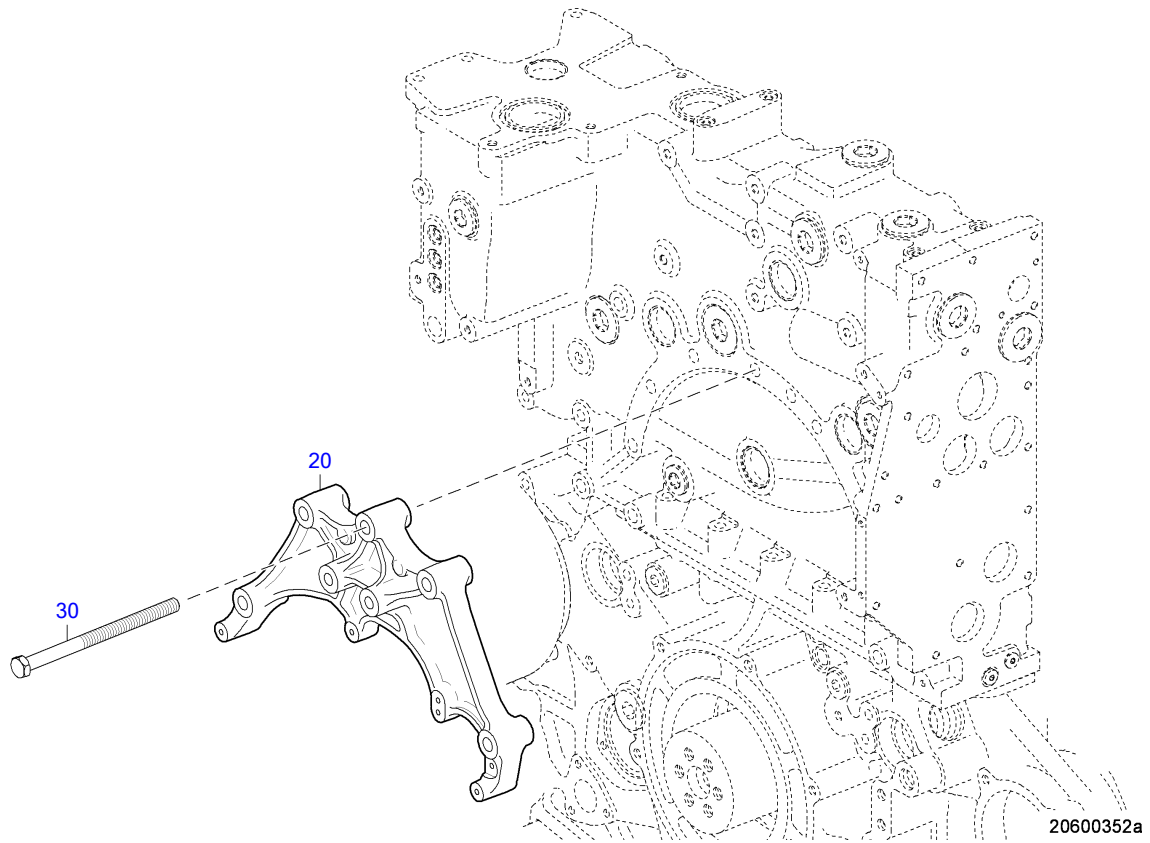
GROUP NAME

BOM-No.



RETAINER
XS526200.00043

COOLANT DISTRIB HSG
XS593200.00057



20600352a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	MEASUREMENT	STANDARD
20	X59307700015	RETAINER	1	PC	BATMAN	
30	204014016010	HEX SCREW	5	PC	M 16 X230	ISO4014

EQUI TYPE: Engine

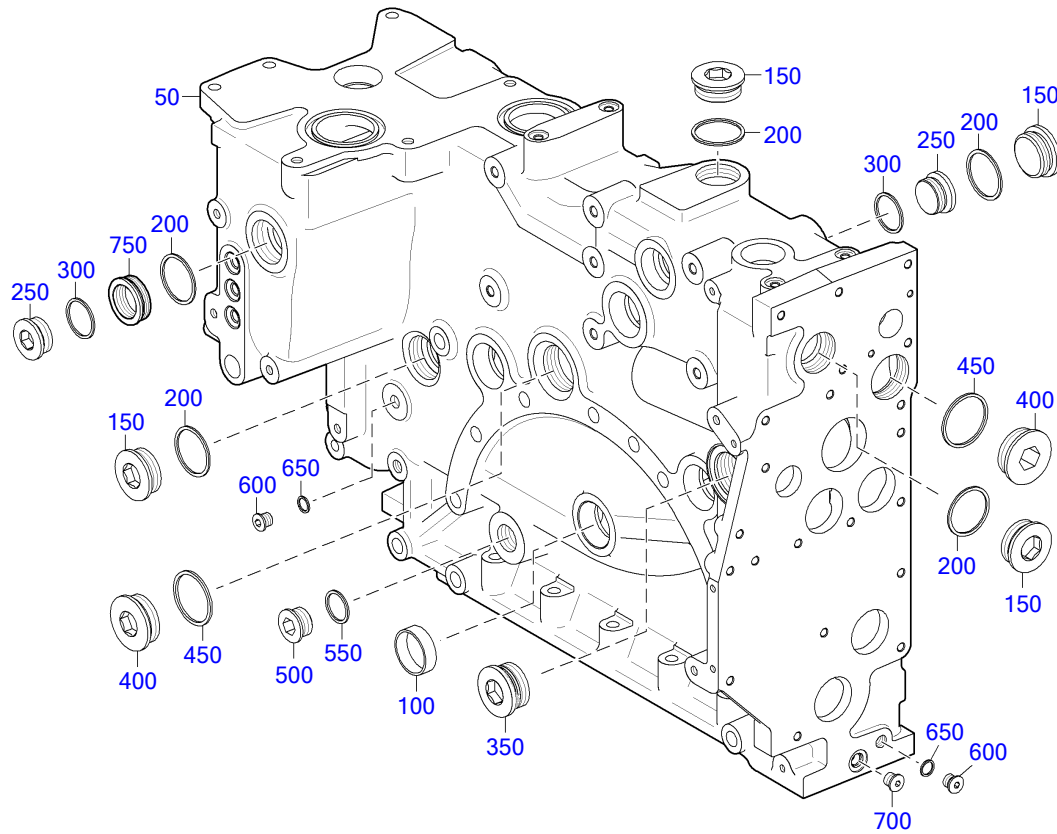
PRODUCT TYPE: 16V4000M23S
COOLANT DISTRIB HSG

SERIAL NUMBER: 527110279

FG/FGS: 206 05

BOM-No.: XS593200.00057

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
150	700429055001	O-RING	1	PC	8,110 G	55 X 5	MMN429
200	700429042000	O-RING	1	PC	6,400 G	42 X 5	MMN429
250	700429070000	O-RING	1	PC	10,300 G	70 X 5	MMN429
300	204017012015	HEX SCREW	2	PC	50 G	M 12 X 50	ISO4017
350	000000002970	BOLT HEX ZNPH R5F	5	PC	67 G	M 12 X 70	ISO4017
450	700429083000	O-RING	2	PC		83 X 5	MMN429
500	000000002973	HEX SCREW	9	PC	303 G	M 16 X 180	ISO4014
600	735210014000	THREAD PLUG	5	PC	19,100 KG	M 14 X 1,5	MTN5210
	X59320200096	COOLANT DISTRIB HSG	1	PC			

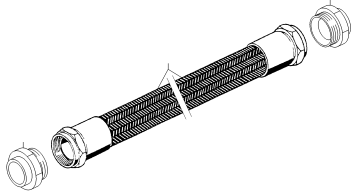


20600499

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	X59320200095	COOLANT DISTRIB HSG	1	PC			
100	5249970020	SEALING CAP	8	PC		D 50	
150	000908048004	THREAD PLUG	8	PC	259 KG	M 48 X 1,5	DIN908
200	007603048101	COPPER SEALING RING	9	PC	8,100 G	A 48 X 55	DIN7603
250	000908038000	THREAD PLUG	3	PC	150,800 KG	M 38 X 1,5	DIN908
300	007603038101	COPPER SEALING RING	3	PC	5,400 G	A 38 X 44	DIN7603
350	735210048000	THREAD PLUG	1	PC	337 KG	M 48 X 2	MTN5210
400	000908052003	THREAD PLUG	2	PC	308,500 KG	M 52 X 1,5	DIN908
450	007603052101	COPPER SEALING RING	2	PC	12,300 G	A 52 X 60	DIN7603
500	000908030002	THREAD PLUG	1	PC	85,500 KG	M 30 X 1,5	DIN908
550	007603030101	COPPER SEALING RING	1	PC		A 30 X 36	DIN7603
600	000908014001	THREAD PLUG	1	PC	16,100 KG	M 14 X 1,5	DIN908
650	007603014102	COPPER SEALING RING	1	PC	1 G	A 14 X 18	DIN7603
700	735210014000	THREAD PLUG	1	PC	19,100 KG	M 14 X 1,5	MTN5210
750	X59499100029	THREADED BUSHING	1	PC	100 G	M48X1.5/M38X1.5	

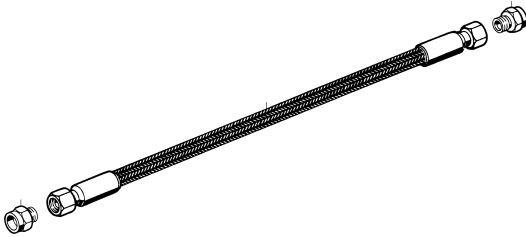
GROUP NUMBER (FG)
GROUP NAME
BOM-No.

HOSE
200.00028

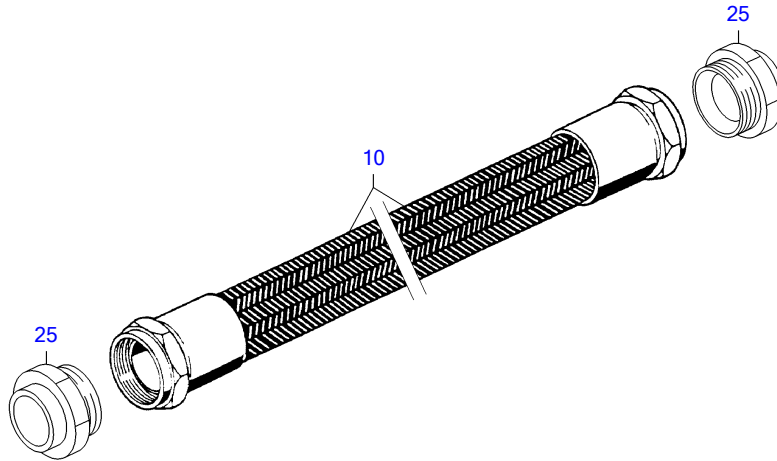


E207301a0

HOSE
200.00027

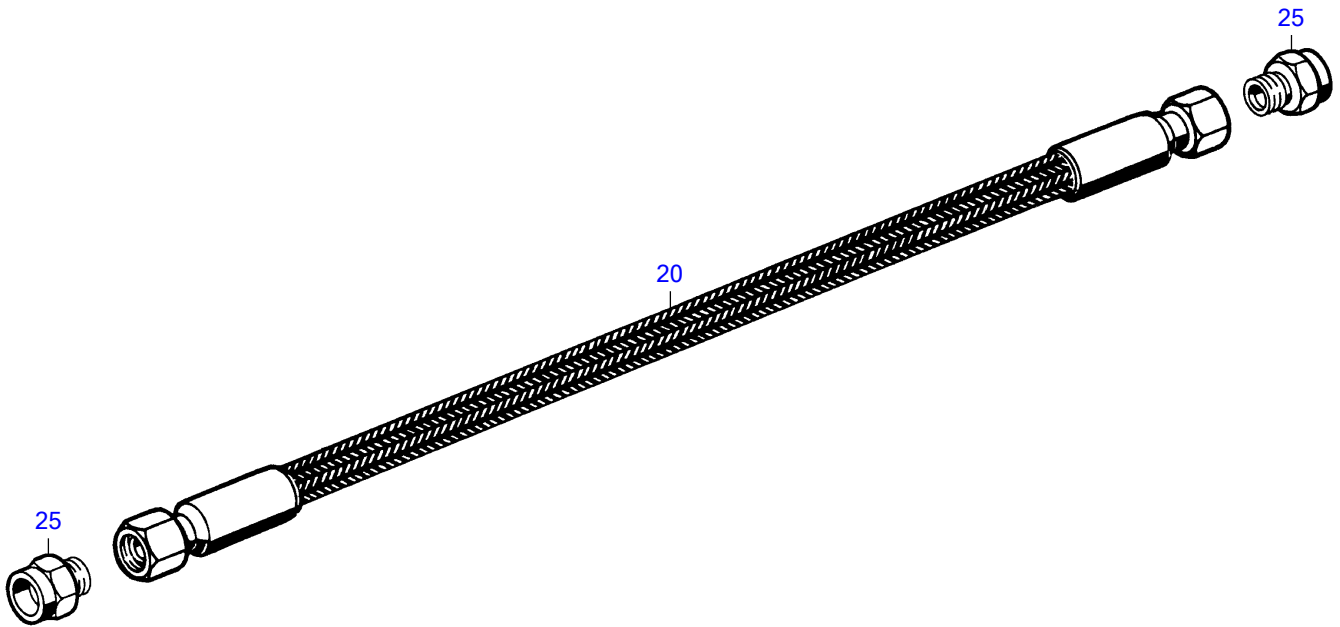


E2073016a0



E2073011a0

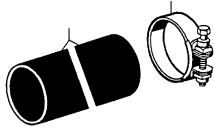
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	735038020104	HOSE	1	PC	672 G	1SN 20 CC 400	MTN5038
25	718363220003	UNION	2	PC	68,600 G	22/M 30 X 1,5	MMN18363.2



E2073016a0

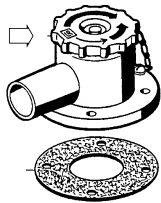
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
20	735038006102	HOSE	1	PC	154,300 KG	1SN 6 CC 300	MTN5038
25	718363206002	UNION	2	PC	15,200 G	8/M 14 X 1,5	MMN18363.2

GROUP NUMBER (FG)
GROUP NAME
BOM-No.



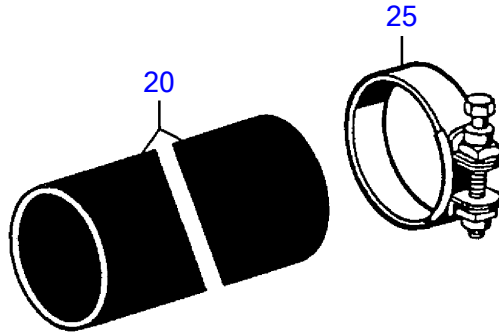
RUBBER SLEEVE
200.00023

ET14 004705



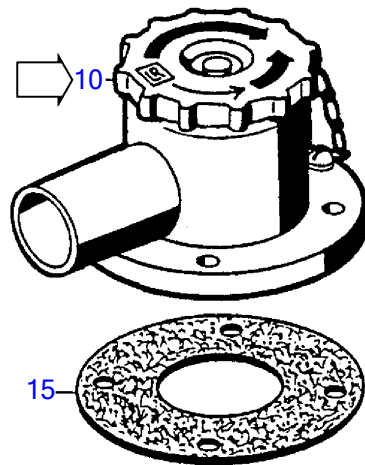
SHUTOFF VALVE
200.00083

ET14 047808



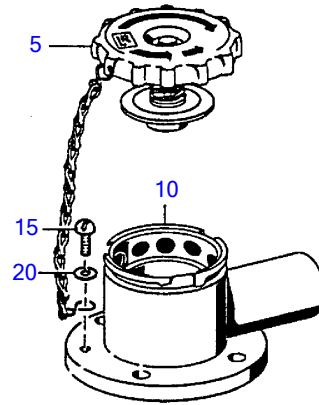
ET14 004705

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
20	700368042004	SLEEVE RUBBER	1	PC	540 G	42 X 400	MMN368
25	900288054005	CLAMP	2	PC	70 G	S 54/20X1 SKZ	N288A



ET14 047808

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN
10	0002000017	PRESSURE CAP (EXPANSION TANK)	1	PC	1,367 KG	P
15	5612031880	GASKET	1	PC	18,050 G	



ET14 004707

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
5	0002033286	CAP PRESSURE EXPANSION TANK S2000/4000	1	PC	151,900 G			
10	Z=7.4560.2.00	BASE COMPLETE	1	PC				
15	Z=M6X10DIN86	RD-HD SCRW	1	PC		AC	M6 X 10	
20	000125006431	WASHER	1	PC	0,900 G		A 6,4	DIN125

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
MOUNTING / SUPPORT

SERIAL NUMBER: 527110279
FG/FGS: 230

GROUP NUMBER (FG)

GROUP NAME

BOM-No.

BEARING

BK527230.304937-01

RUBBER MOUNT

XS527230.00034

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
BEARING

SERIAL NUMBER: 527110279

FG/FGS: 230 00

BOM-No.: BK527230.304937-01

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
200	206796016000	CONICL SPRING WASHER	32	PC	28,100 G	16	DIN6796
250	304017016027	BOLT HEX A3C	32	PC	103 G	M 16 X 50	ISO4017

EQUI TYPE: Engine

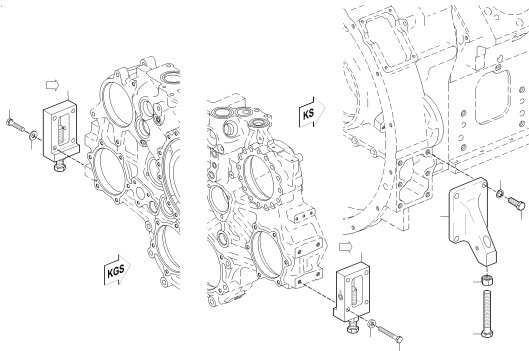
PRODUCT TYPE: 16V4000M23S
RUBBER MOUNT

SERIAL NUMBER: 527110279

FG/FGS: 230 05
BOM-No.: XS527230.00034

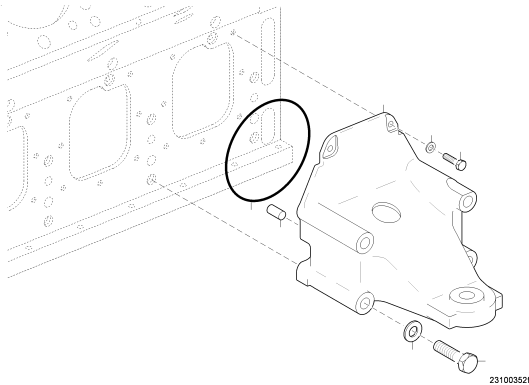
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
30	X52723100033	RUBBER MOUNT	1	PC	15,891 KG

GROUP NUMBER (FG)
GROUP NAME
BOM-No.

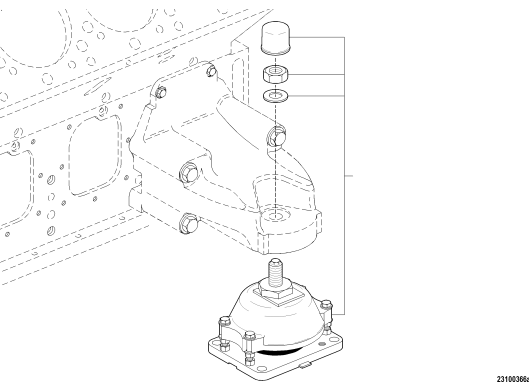


ENGINE SUPPORT
XS527230.00015

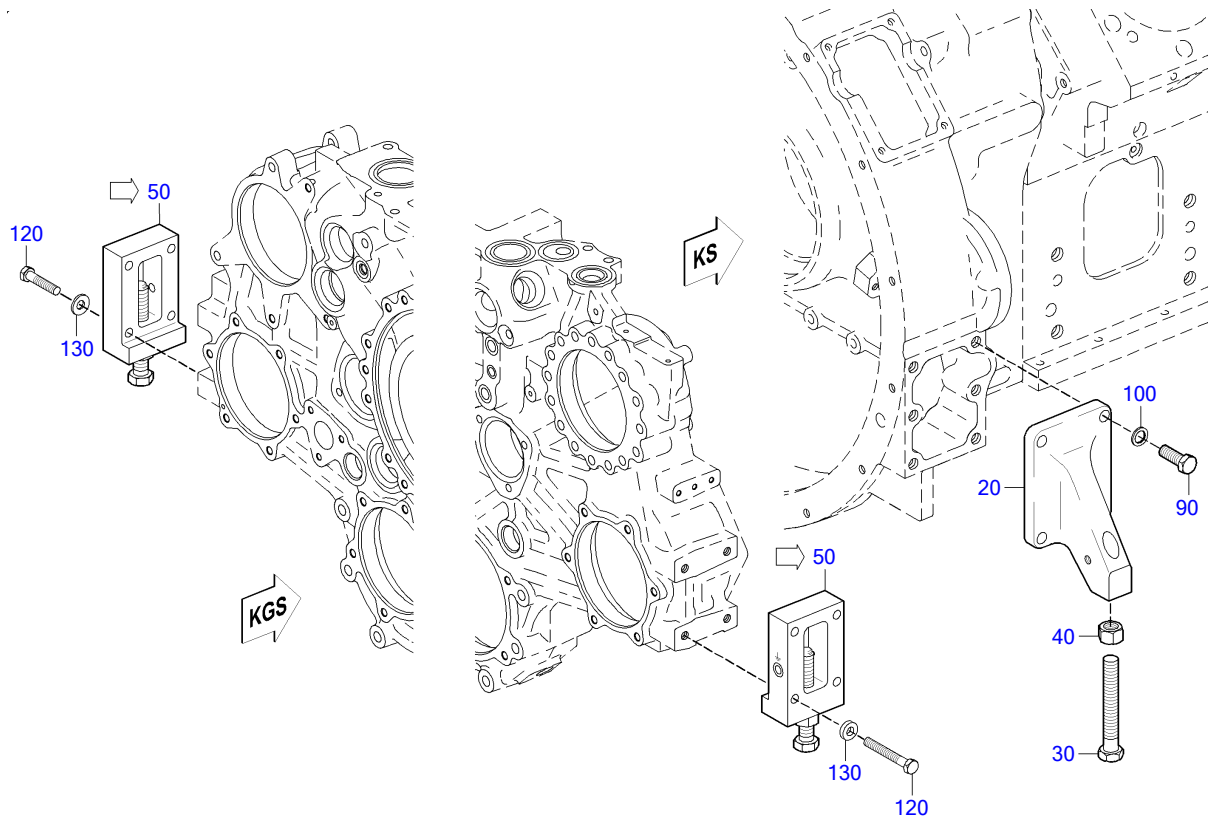
23100353a



MOUNTING BRACKET
XS527230.00016

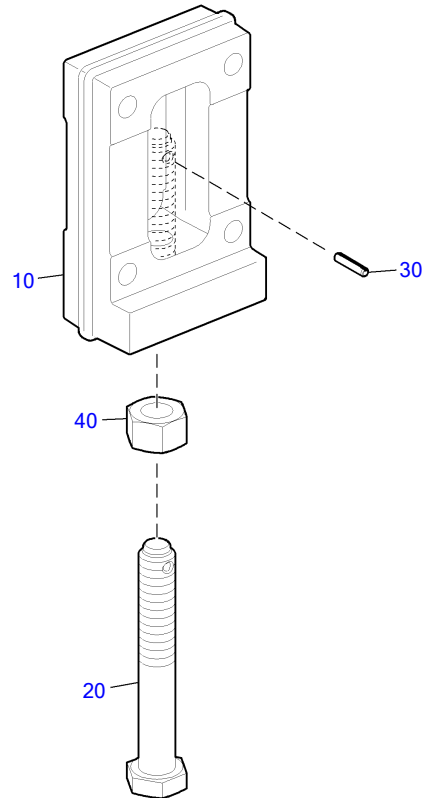


RUBBER MOUNT
XS595230.00003



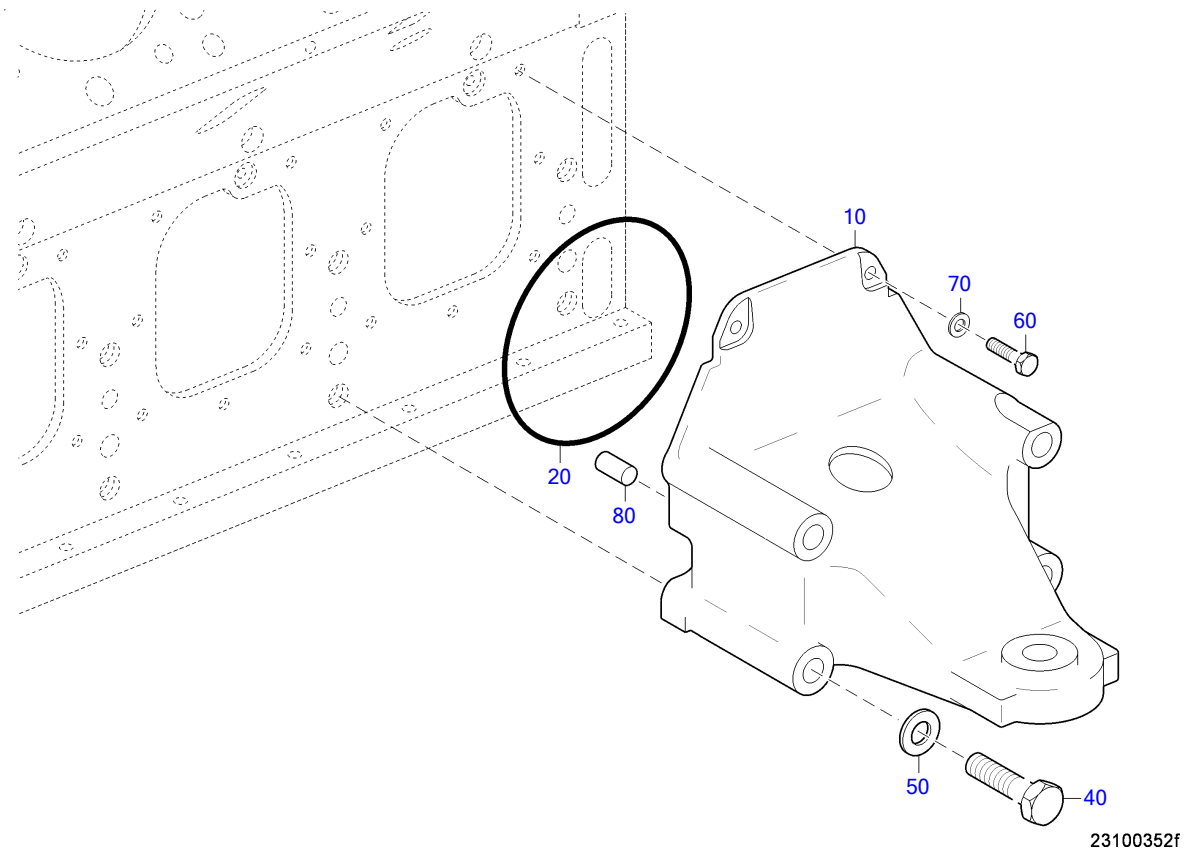
23100353a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
20	X59623100004	ENGINE SUPPORT MAIN PTO END	2	PC	8,280 KG		
30	304017020007	BOLT AK HEX A3C	2	PC		M 20 X140 AK	ISO4017
40	304032020001	HEX NUT	2	PC	61 G	M 20	ISO4032
50	X52723100019	ENGINE SUPPORT	2	PC	3,950 KG		
90	304017016026	BOLT HEX A3C	8	PC	105 G	M 16 X 50	ISO4017
100	200433017001	WASHER	8	PC	7,300 G	17	DIN433
120	000000001078	HEX SCREW	8	PC		M 12 X 60	ISO4017
130	200433013000	WASHER	8	PC		13	DIN433

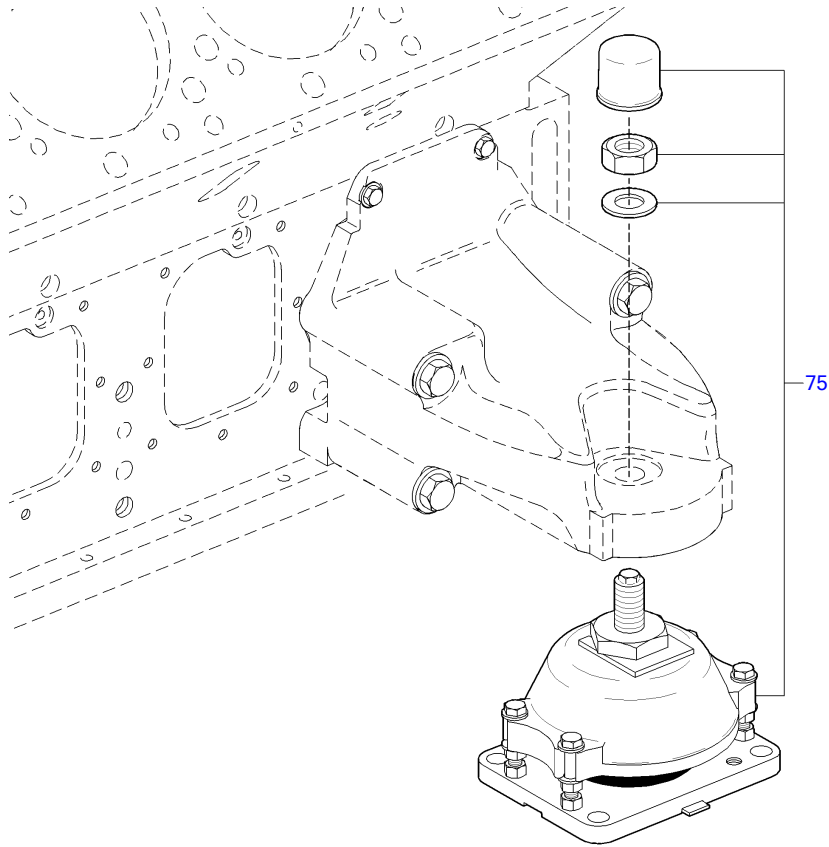


23100466a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	X59623100003	ENGINE SUPPORT	1	PC	3,569 KG		
20	X52723100020	SCREW	1	PC	0,390 KG		
30	001481005030	PIN SPRING	1	PC	2,180 G	5 X 24 - N	ISO8752
40	304032020001	HEX NUT	1	PC	61 G	M 20	ISO4032

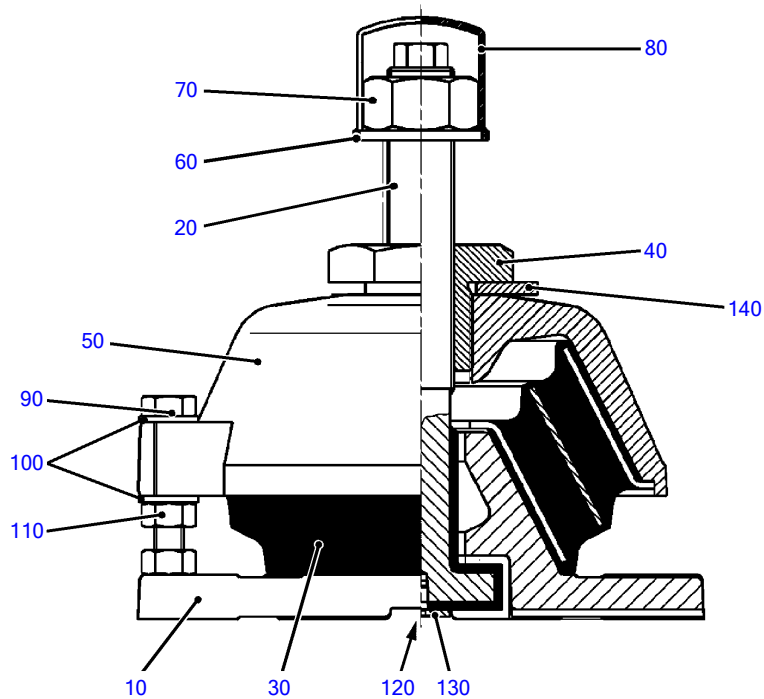


POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	X52623100018	MOUNTING BRACKET	4	PC	25,400 KG		
20	700429192000	O-RING	4	PC	16,900 G	192 X 4	MMN429
40	204014020004	HEX SCREW	16	PC	533,700 G	M 20 X 200	ISO4014
50	200433021000	WASHER	16	PC	12,400 G	21	DIN433
60	000000003021	HEX SCREW	8	PC	23,700 G	M 10 X 25	ISO4017
70	000125010524	WASHER	8	PC	3,100 G	A 10,5	DIN125
80	000007016104	PIN DOWEL	8	PC	55 G	16 M6 X 32	DIN7



23100366a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
75	X52623100058	RUBBER MOUNT	4	PC	15,800 KG



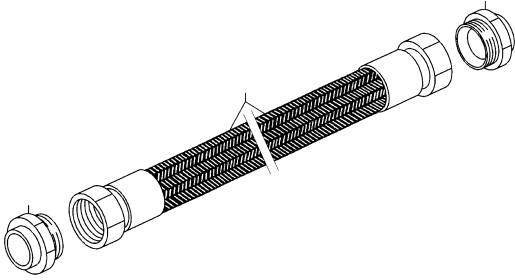
23100228c

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	XP52623100089	FOOT		1	PC			
20	X00033995	BUFFER	4000	1	PC	1,121 KG		
30	XP52623100082	RUBBER ELEMENT		1	PC		SHORE 60	
40	XP52623100088	ADJUSTMENT BOLT		1	PC			
50	X00043629	COVER	4000	1	PC			
60	000125027004	WASHER		1	PC	46 G	B 27	DIN125
70	000934027004	HEX NUT		1	PC	155 G	M 27 X 2	DIN934
80	XP52623100078	PROTECTIVE CAP		1	PC			
90	000933012040	BOLT HEX		4	PC	73 G	M 12 X 75	DIN933
100	200125013000	WASHER		8	PC		A 13	DIN125
110	000934012008	NUT HEX		8	PC	15,400 G	M 12	DIN934
120	X00034055	COUNTERSUNK HD SCREW	4000	1	PC		M6X10	DIN 7991
130	X00034057	LOCKING DEVICE	4000	1	PC			
140	X00034058	LOCKING DEVICE	4000	1	PC			

GROUP NUMBER (FG)

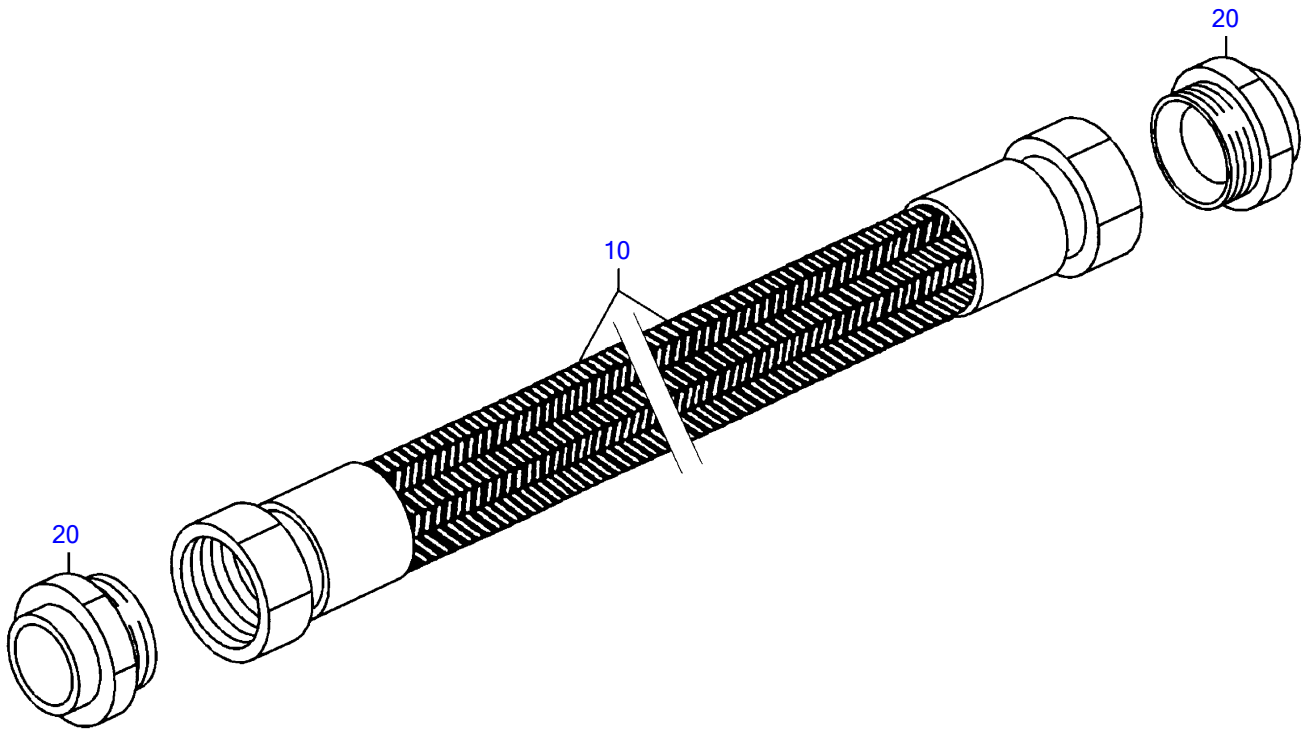
GROUP NAME

BOM-No.



HOSE
340.00013

34200009a



34200009a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
10	735038032102	HOSE	1	PC	1,580 KG	1SN 32 CC 500	MTN5038
20	718363232002	UNION	2	PC	175 G	35/M 45 X 1,5	MMN18363.2

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S

SERIAL NUMBER: 527110279

AUXILIARY SYSTEMS - SUPPLEMENTARY EQUIPMENT

FG/FGS: 360

GROUP NUMBER (FG)

GROUP NAME

BOM-No.

PREHEATING UNIT

BK527360.304937-01

FUEL PREFILTER

BK527360.304937-02

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
100	700160000020	ELBOW 90 DEG KR 20	1	PC	210 G	KR 20	MMN160
150	735038020100	HOSE	1	PC	1,045 KG	1SN 20 CC 1000	MTN5038
200	700419999001	UNION 20G 3/4 A	1	PC	81,500 G	22 G 3/4 A	MMN419
250	007603027100	WASHER A COP	1	PC	3,200 G	A 27 X 32	DIN7603
300	X52799100054	BALL COCK	1	PC		ZL311024	
350	007603027100	WASHER A COP	1	PC	3,200 G	A 27 X 32	DIN7603
400	700419999030	SCREW-FITTING UNION	1	PC	135 G	28 G 3/4 A	MMN419
450	X58499100030	ELBOW	1	PC			
550	X58499100030	ELBOW	1	PC			
600	700419999030	SCREW-FITTING UNION	1	PC	135 G	28 G 3/4 A	MMN419
650	007603027100	WASHER A COP	1	PC	3,200 G	A 27 X 32	DIN7603
700	X52799100054	BALL COCK	1	PC		ZL311024	
750	007603027100	WASHER A COP	1	PC	3,200 G	A 27 X 32	DIN7603
760	700419999001	UNION 20G 3/4 A	1	PC	81,500 G	22 G 3/4 A	MMN419
800	735038020103	HOSE	1	PC		1SN 20 CC 600	MTN5038
850	915006020005	UNION	1	PC	89 G	20	N15006
900	735038020103	HOSE	1	PC		1SN 20 CC 600	MTN5038
1000	206796010000	CONICL SPRING WASHER	4	PC	6,100 G	10	DIN6796
1050	204017010015	HEX SCREW	4	PC	25,600 G	M 10 X 30	ISO4017

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S

SERIAL NUMBER: 527110279

FUEL PREFILTER

FG/FGS: 360

00

BOM-No.: BK527360.304937-02

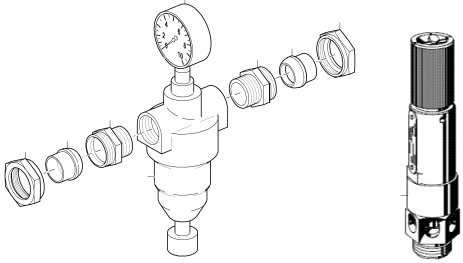
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
150	006796012100	CONICL SPRING WASHER	4	PC	12 G		12	DIN6796
200	204032012002	HEX NUT	4	PC			M 12	ISO4032
250	204017012009	HEX SCREW	4	PC	45 G	MN	M 12 X 40	ISO4017
400	206796010000	CONICL SPRING WASHER	4	PC	6,100 G		10	DIN6796
450	204017010016	HEX SCREW	4	PC	26,500 G		M 10 X 32	ISO4017

GROUP NUMBER (FG)

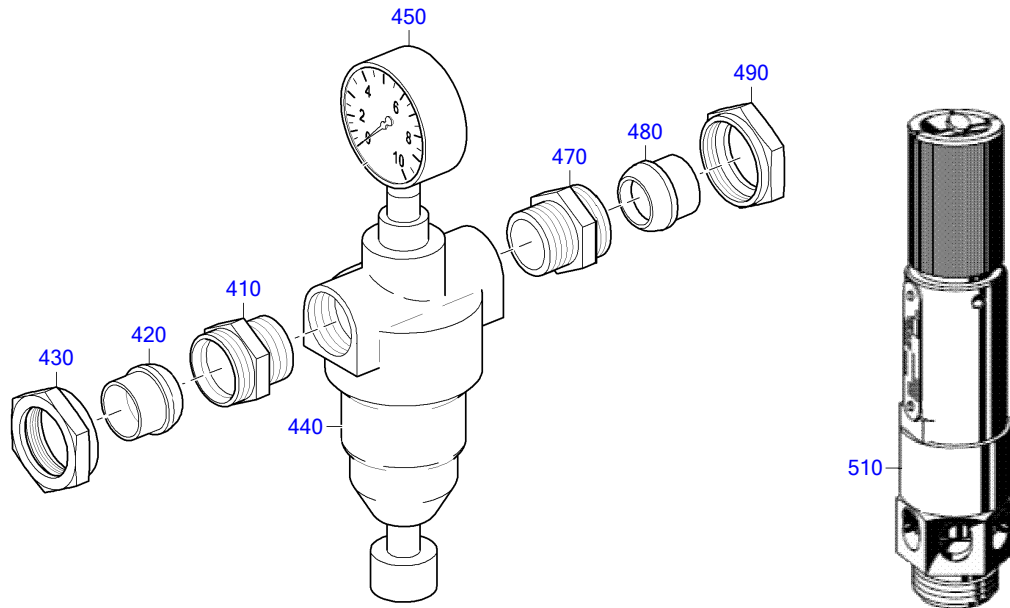
GROUP NAME

BOM-No.

ACCESSORIES FOR AIR START
XS596360.00054



18301479



18301479

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
410	X52617300003	SCREW-FITTING UNION FOR COMPRESSED AIR		1	PC	384 G		
420	735184042001	BALL-TYPE UNION		1	PC	28 G	B2-42	MTN5184
430	000000004272	NUT		1	PC	128,500 G	40 M 52 X 1,5	N15001
440	X00037913/87	PRESS REDUCING VALVE		1	PC	3,075 KG		
450	X00037916	PRESSURE GAUGE		1	PC	228,100 G		
470	X52617300003	SCREW-FITTING UNION FOR COMPRESSED AIR		1	PC	384 G		
480	735184042001	BALL-TYPE UNION		1	PC	28 G	B2-42	MTN5184
490	000000004272	NUT		1	PC	128,500 G	40 M 52 X 1,5	N15001
510	X59617500003/87	SAFETY VALVE	S245B-1ZE13.0	1	PC			

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S

SERIAL NUMBER: 527110279

MONITORING AND CONTROL SYSTEM, GENERAL ELECTRICAL
EQUIPMENT

FG/FGS: 500

GROUP NUMBER (FG)

GROUP NAME

BOM-No.

CONTROL UNIT F.ENGINE INTERFACE

XS00E500.02015

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CONTROL UNIT F.ENGINE INTERFACE

SERIAL NUMBER: 527110279

FG/FGS: 500 98
BOM-No.: XS00E500.02015

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS
50	B00E50201528/S0002	MONITOR WITH SOFTWARE	EIM 2-02	1	PC

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
MONITOR WITH SOFTWARE

SERIAL NUMBER: 527110279

FG/FGS:

BOM-No.: B00E50201528/S0002

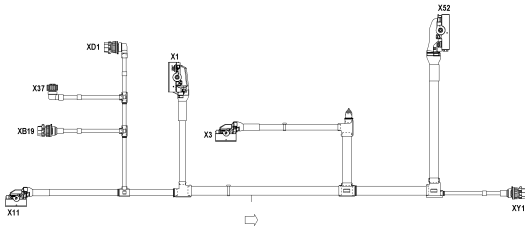
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
130		PLUG-IN BOARD UPPER PART	EIM 2-02	1	PC	1,350 KG	KE		
160	700429214000	O-RING		1	PC	10 G		214 X 3	MMN429
170	000000002668	SCREW		8	PC	10 G		M 4 X 12	DIN912
190	X00E50200338	DUST CAP FOR CONNECTOR	STAUBKAPPE MCP 62 POL.	2	PC			FUER AMP-BUCHSENGEHAEUSE-62POL	
200	X00E50204759	COVER PLATE	EIM 1-01	1	PC			UB 102X103X3 -X51-POWER	
210	X00E50204758	COVER PLATE	EIM 1-01	1	PC	164 G		UB 102X103X3 -X52-STARTER	
220	200125004301	WASHER		10	PC	0,320 G		A 4,3	DIN125
230	204762004010	SCREW		8	PC	1,700 G		M 4 X 10	ISO4762
240	X00E50205850	RETAINER PLATE FOR CABLE	EIM 1-01	1	PC			AB 70X53X3	
250	200125005300	WASHER		3	PC	0,430 G		A 5,3	DIN125
260	000912005039	SCREW		2	PC	3,440 G		M 5 X 12	DIN912
270	916016035201	CLAMP		1	PC	43 G		BRSGU 35/20	N16016
280	916016020202	CLAMP		1	PC	29 G		BRSGU 20/20	N16016
290	200125008400	WASHER		2	PC	1,500 G		A 8,4	DIN125
300	204762008007	SCREW		2	PC	11 G		M 8 X 16	ISO4762
320	000000003183	HEX NUT		2	PC	0,800 G		M 4	ISO4032
340	000000002215	HEX NUT		1	PC	1,200 G		M 5	ISO4032
350	200125006400	WASHER		7	PC	0,700 G		A 6,4	DIN125
360	000000002218	HEX NUT		5	PC	2,300 G		M 6	ISO4032
400	916016008200	CLAMP		2	PC	9,400 G		BRSGU 8/15	N16016
410	916016010201	CLAMP		1	PC	9,310 G		BRSGU 10/15	N16016
420	916016012200	CLAMP		1	PC	10,910 G		BRSGU 12/15	N16016
430	916016015202	CLAMP		1	PC	13,700 G		BRSGU 15/15	N16016
440	000000004737	CLAMP		1	PC	15,300 G		BRSGU S 20/15	N16016
450	000000003931	CLAMP		1	PC	13 G		BRSGU S 25/15	N16016
460	204762006004	SCREW		2	PC			M 6 X 12	ISO4762
470	0035314381	CABLE CLAMP		1	PC	0,500 G		L= 150MM, B= 3,6MM	
490	B00E50201528/77	MONITOR WITH SOFTWARE	EIM 2-02	1	PC				

GROUP NUMBER (FG)

GROUP NAME

BOM-No.

CABLING F.ENGINE INTERFACE
XS00E500.01228



50702417a

ENGINE CABLING FOR ON-ENGINE SENSO
XS00E500.01622

RETAINER F. WIRING HARNESS
XS595500.00059

RETAINER F.ADEC A. WIRE HARN
XS595500.00076

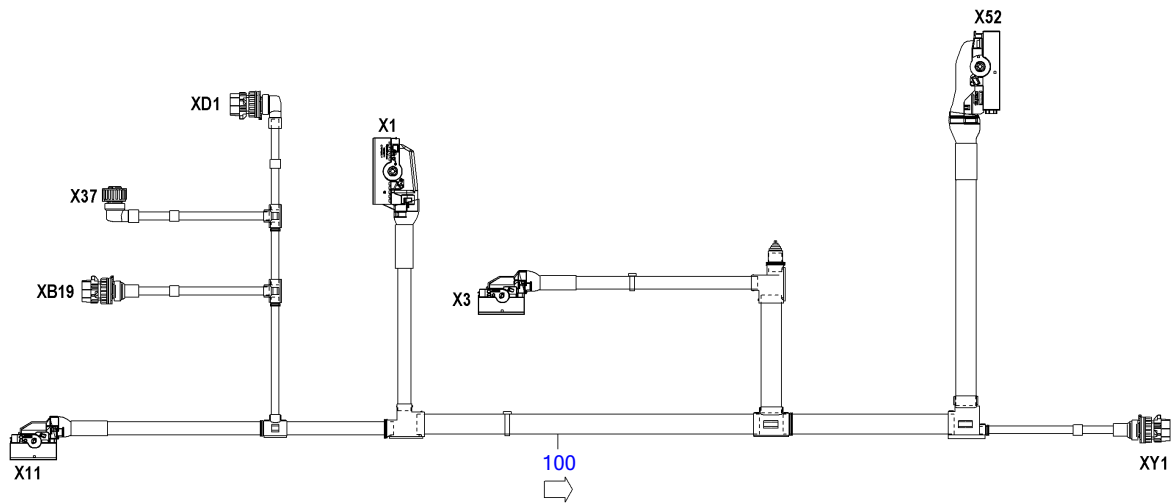
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CABLING F.ENGINE INTERFACE

SERIAL NUMBER: 527110279

FG/FGS: 507 98

BOM-No.: XS00E500.01228



50702417a

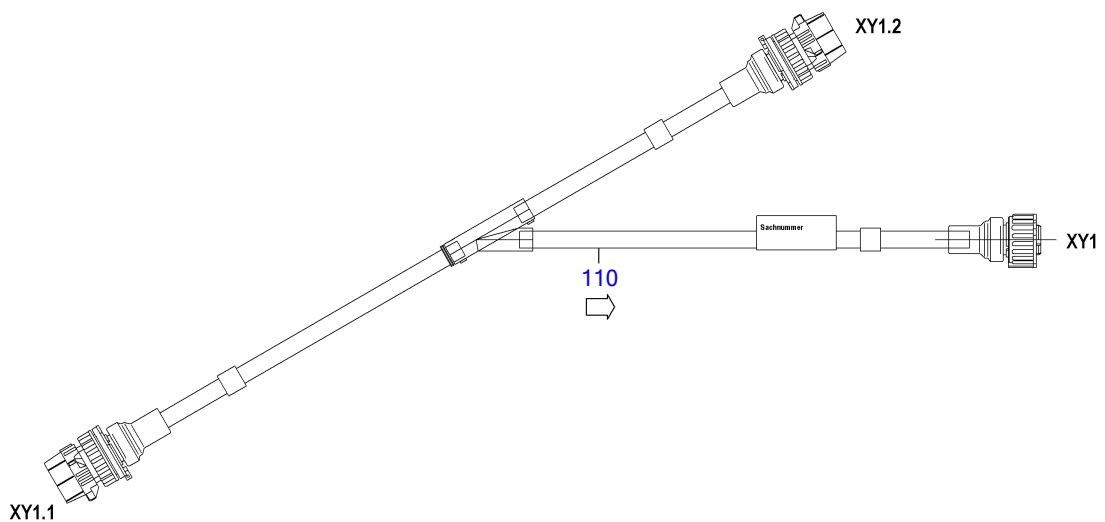
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
CABLING F.ENGINE INTERFACE

SERIAL NUMBER: 527110279

FG/FGS: 507 98

BOM-No.: XS00E500.01228



50702769

EQUI TYPE: Engine

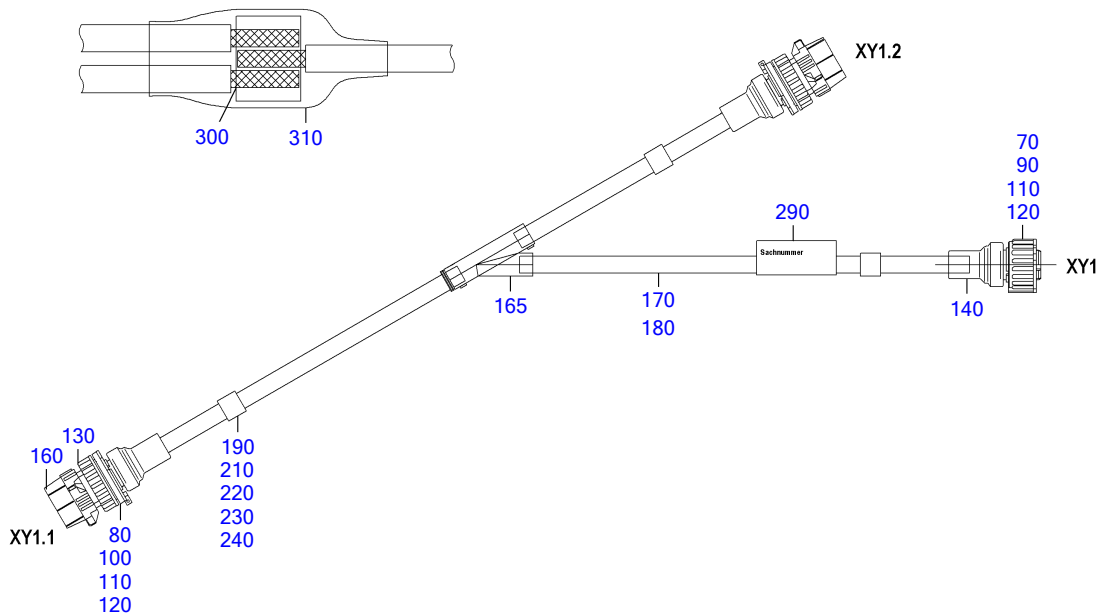
PRODUCT TYPE: 16V4000M23S
CABLING F.ENGINE INTERFACE

SERIAL NUMBER: 527110279

FG/FGS: 507 98

BOM-No.: XS00E500.01228

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT
100	X00E50700472	WIRING HARNESS F.ENGINE INTERFACE	S400M23-63	1	PC	1,965 KG	M. LIMA_ M. EMU
110	X00E50205182	CONNECTING CABLE FOR AIR START	16V4000M23-M63	1	PC	0,202 KG	PNEUM.ANLASSUNG



50702770

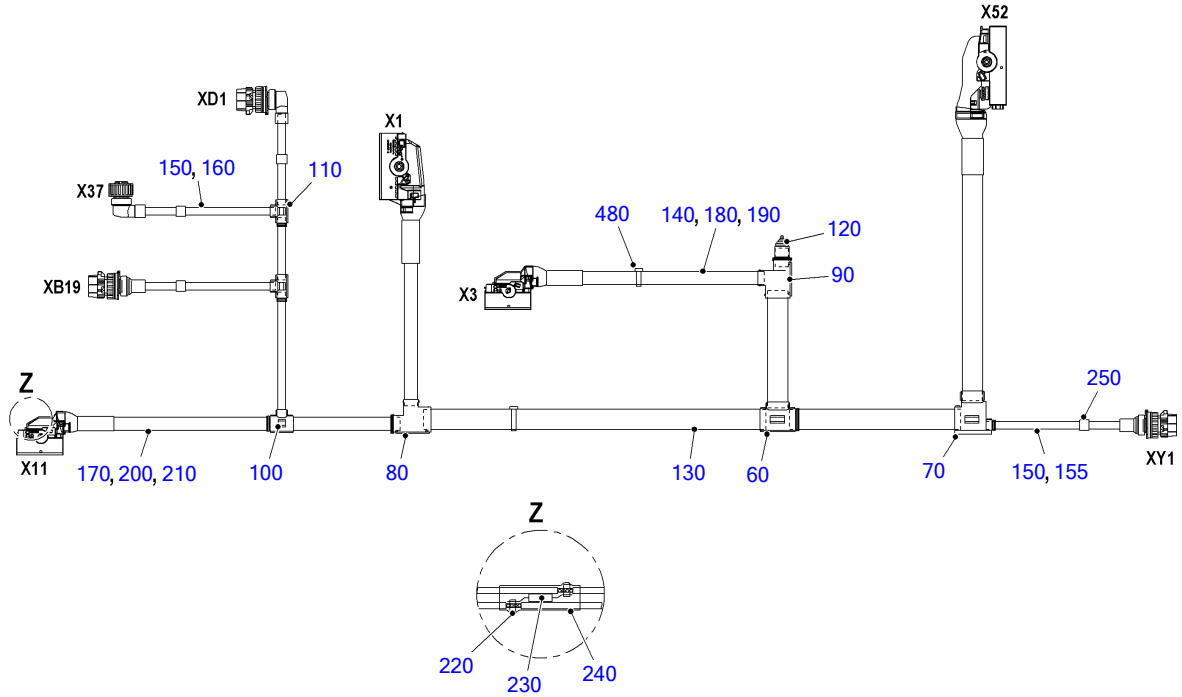
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
70	0165313283	MALE CONNECTOR	STECKER F. BU-KONTAKTE 2,5MM	1	PC	11,500 G		4POL. CODE 1 / DIN 72585	
80	0165313883	FEMALE CONNECTOR		2	PC	13,400 G		4POL. CODE 1 / DIN 72585	
90	0165313383	FEMALE CONTACT		2	PC	0,200 G		0,5-1,0 MM ² / D=2,5MM	
100	0165313983	PIN CONTACT	STIFTKONTAKT VERSILBERT	4	PC	0,700 G		0,5-1,0 MM ² / D=2,5MM	
110	0165313583	BLANKING PLUG	BLINDSTOPFEN	6	PC	0,100 G		SYSTEM 2,5MM / 2,8MM	
120	0165313483	SINGLE-CORE INSUL		6	PC	0,100 G		1,2-2,0 MM / D2,5MM	
130	0165314683	BAYONET COUPLING	BEFESTIGUNGSRING	2	PC	2,800 G		DIN 72585	
140	0165313783	CAP	STECKERKAPPE WELLROHRADAPTER	3	PC	4,470 G		180 GRAD / NW10 / DIN 72585	
160	0165314383	DUST CAP	BAJONETTGEOMETRIE DIN 72585	2	PC	10 G		STAUBSCHUTZKAPPE FUER STECKDOSE	
165	0005331143	PIPE JOINT		1	PC	6,190 G		Y-ABZWEIG 10-10-10	
170	0095319080	CABLE	RADDOX 155S RW VERDRILLT	3	M			1X2X1,0QMM / WS / NUMMERIERT	
180	0005337043	PIPE	359.	3	M			WELLROHR NW10	
190	700461105028	MARKER SLEEVE		2	PC			5/.	MMN461
210	700461105023	MARKER SLEEVE		3	PC			5/X	MMN461
220	700461105024	MARKER SLEEVE		3	PC			5/Y	MMN461
230	700461205001	MARKER SLEEVE		4	PC			5/1	MMN461
240	700461205002	MARKER SLEEVE		1	PC			5/2	MMN461
290		IDENTIFICATION PLATE ELAT		2	PC		KE	47X135MM, BEDRUCKBAR 47X25MM	
300	0035311185	BLADE CONNECTOR	CRIMPVERBINDER PARALLEL	2	PC	1 G		2,7-6,6 MM ² / BLANK / VERZINNT	
310	0005311575	SHRINKABLE HOSE	SSCHL. 50MM KL	2	PC	0,800 G		5,7/1,27MM, L=50MM, TRANSPARENT	

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
WIRING HARNESS F.ENGINE INTERFACE

SERIAL NUMBER: 527110279

FG/FGS:
BOM-No.: X00E50700472



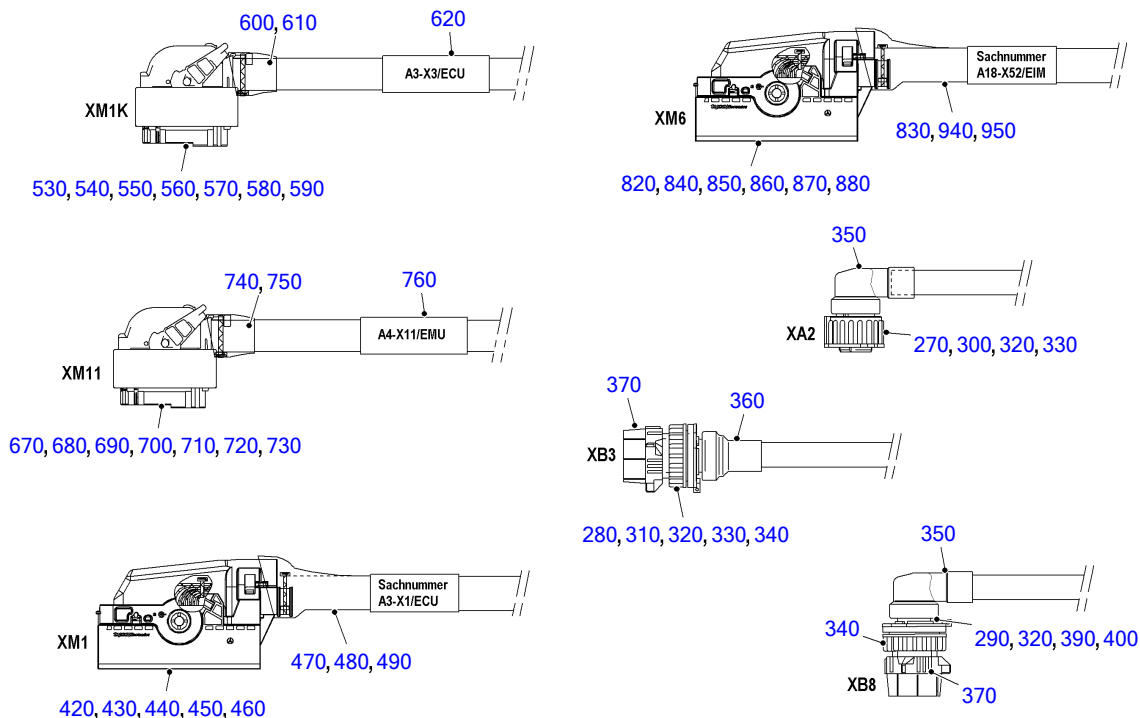
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EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
WIRING HARNESS F.ENGINE INTERFACE

SERIAL NUMBER: 527110279

FG/FGS:
BOM-No.: X00E50700472



50702819

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
60	X00027377	DISTRIBUTOR		1	PC	16,300 G		T-ABZWEIG 26-26-26
70	X00E50205335	BRANCH FOR CABLE RUNNING	T-SNAP LOCK 26-26-10	1	PC			T-ABZWEIG 26-26-10 HALBSCHALE
80	X00E50202551	BRANCH F. WIRING HARNESS		1	PC	50 G		T-ABZWEIG 26-17-26 HALBSCHALE
90	X00005206	DISTRIBUTOR F. WIRING HARNESS		1	PC	10 G		T-ABZWEIG 26-17-17
100	0005331043	PIPE JOINT		1	PC	7,130 G		T-ABZWEIG 17-10-17
110	0005331443	PIPE		2	PC	4,930 G		T-ABZWEIG 10-10-10
120	0015336931	CAP	FUER WELLROHR	1	PC	1 G		DN17 AD=21,2MM
130	0005338643	PIPE	359.	2,100	M			WELLROHR NW26
140	0005337143	PIPE	359.	1,700	M			WELLROHR NW17
150	0005337043	PIPE	359.	1,250	M			WELLROHR NW10
155	0095319080	CABLE	RADDOX 155S RW VERDRILLT	0,700	M			1X2X1,0QMM / WS / NUMMERIERT
160	0095318880	CABLE	RADDOX 155S RW VERDRILLT	25,800	M	28 G		1X2X0,5QMM / WS / NUMMERIERT
170	0095318980	CABLE	RADDOX 155S RW VERDRILLT	33,100	M			1X3X0,5QMM / WS / NUMMERIERT
180	0095319480	CABLE	RADOX 155S FLR	4	M			1X2,5QMM / RD / FEINDRÄHTIG
190	0095319580	CABLE	RADOX 155S FLR	4	M			1X2,5QMM / SW / FEINDRÄHTIG
200	X00E50200860	SINGLE CONDUCTOR	RADOX 155S FLR	2,800	M			1X1,5QMM / RD / FEINDRÄHTIG
210	X00E50200861	SINGLE CONDUCTOR	RADOX 155S FLR	2,800	M			1X1,5QMM / BK / FEINDRÄHTIG
220	0015318285	BLADE CONNECTOR	CRIMPVERBINDER PARALLEL	4	PC	0,500 G		1,0-2,5 MM ² / BLANK / VERZINNT
230	0015318702	RESISTOR	MK2_121R	2	PC	0,100 G		TK50 1% 0,4W
240	0005311575	SHRINKABLE HOSE	SSCHL. 50MM KL	2	PC	0,800 G		5,7/1,27MM, L=50MM, TRANSPARENT
250	0035337689	IDENTIFICATION PLATE	KML	1	PC			23X13/55MM GELB, 40 STK/BLATT
270	0165313283	MALE CONNECTOR	STECKER F. BU-KONTAKTE 2,5MM	1	PC	11,500 G		4POL. CODE 1 / DIN 72585
280	0165313883	FEMALE CONNECTOR		2	PC	13,400 G		4POL. CODE 1 / DIN 72585
290	X00E50200311	FEMALE CONNECTOR	STECKDOSE F. ST-KONTAKTE 1,5MM	1	PC	14 G		7POL. CODE 1 / DIN 72585
300	0165313383	FEMALE CONTACT		4	PC	0,200 G		0,5-1,0 MM ² / D=2,5MM
310	0165313983	PIN CONTACT	STIFTKONTAKT VERSILBERT	6	PC	0,700 G		0,5-1,0 MM ² / D=2,5MM
320	0165313583	BLANKING PLUG	BLINDSTOPFEN	7	PC	0,100 G		SYSTEM 2,5MM / 2,8MM
330	0165313483	SINGLE-CORE INSUL		10	PC	0,100 G		1,2-2,0 MM / D2,5MM
340	0165314683	BAYONET COUPLING	BEFESTIGUNGSRING	3	PC	2,800 G		DIN 72585
350	0165313683	CAP	STECKERKAPPE WELLROHRADAPTER	2	PC	5,760 G		90 GRAD / NW10 / DIN 72585
360	0165313783	CAP	STECKERKAPPE WELLROHRADAPTER	2	PC	4,470 G		180 GRAD / NW10 / DIN 72585
370	0165314383	DUST CAP	BAJONETTGEOMETRIE DIN 72585	3	PC	10 G		STAUBSCHUTZKAPPE FUER STECKDOSE
390	X00E50200309	PIN CONTACT	STIFTKONTAKT VERSILBERT	3	PC	2 G		0,5-1,0 MM ² / D=1,5MM
400	0185313083	SINGLE-CORE INSUL	EINZELADERABDICHTUNG	3	PC	1 G		1,2-2,1 MM / MCP2,8
420	0025318385	BLADE CONNECTOR	BUCHSENGEHÄUSE MCP1,5	1	PC	63,200 G		46POL / NW22 / CODE-A / 90GRD
430	0025319385	BLADE CONNECTOR	BUCHSENKONTAKT VERSILBERT	28	PC	0,400 G		0,5-1,0 MM ² / MCP1,5
440	0025319585	BLADE CONNECTOR	EINZELADERABDICHTUNG	28	PC	0,050 G		1,4-1,9 MM / MCP1,5
450	0185317083	BLANKING PLUG FOR CONNECTOR	BLINDSTOPFEN	18	PC	0,050 G		MCP1,5
460	0025319085	BLADE CONNECTOR	KAPPE FÜR MCP BUCHSENGEHÄUSE	1	PC	10,800 G		46POL / NW22
470	0011596139	SHRINKABLE HOSE		0,120	M			52/13/MIT KLEBER
480	0035314381	CABLE CLAMP		2	PC	0,500 G		L= 150MM, B= 3,6MM
490		IDENTIFICATION PLATE	ELAT	2	PC		KE	47X135MM, BEDRUCKBAR 47X25MM
530	0025318785	BLADE CONNECTOR	BUCHSENGEHÄUSE MCP2,8	1	PC	47 G		21POL / NW17 / CODE-A / 90GRD
540	0025319285	BLADE CONNECTOR	BUCHSENKONTAKT VERSILBERT	6	PC	0,600 G		1,5-2,5 MM ² , MCP2,8
550	0025319485	SINGLE-CORE INSUL	EINZELADERABDICHTUNG	6	PC	0,300 G		2,2-3,0 MM / MCP2,8

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
560	0025319785	BLADE CONNECTOR	BUCHSENKONTAKT VERSILBERT	2	PC	1,200 G		0,5-1,0 MM ² / MCP2,8
570	0185313083	SINGLE-CORE INSUL	EINZELADERABDICHTUNG	2	PC	1 G		1,2-2,1 MM / MCP2,8
580	0165313583	BLANKING PLUG	BLINDSTOPFEN	13	PC	0,100 G		SYSTEM 2,5MM / 2,8MM
590	0025318985	BLADE CONNECTOR	KAPPE FÜR MCP BUCHSENGEHÄUSE	1	PC	5 G		21POL / NW17
600	0011596139	SHRINKABLE HOSE		0,120	M			52/13/MIT KLEBER
610	0035314381	CABLE CLAMP		2	PC	0,500 G		L= 150MM, B= 3,6MM
620		IDENTIFICATION PLATE	ELAT	2	PC		KE	47X135MM, BEDRUCKBAR 47X25MM
670	X00018613	MULTIPOINT CONNECTOR	BUCHSENGEHÄUSE MCP2,8	1	PC	30 G		21POL / NW17 / CODE-B / 90GRD
680	0025319285	BLADE CONNECTOR	BUCHSENKONTAKT VERSILBERT	2	PC	0,600 G		1,5-2,5 MM ² , MCP2,8
690	0025319485	SINGLE-CORE INSUL	EINZELADERABDICHTUNG	2	PC	0,300 G		2,2-3,0 MM / MCP2,8
700	0025319785	BLADE CONNECTOR	BUCHSENKONTAKT VERSILBERT	7	PC	1,200 G		0,5-1,0 MM ² / MCP2,8
710	0185313083	SINGLE-CORE INSUL	EINZELADERABDICHTUNG	7	PC	1 G		1,2-2,1 MM / MCP2,8
720	0165313583	BLANKING PLUG	BLINDSTOPFEN	12	PC	0,100 G		SYSTEM 2,5MM / 2,8MM
730	0025318985	BLADE CONNECTOR	KAPPE FÜR MCP BUCHSENGEHÄUSE	1	PC	5 G		21POL / NW17
740	0011596139	SHRINKABLE HOSE		0,120	M			52/13/MIT KLEBER
750	0035314381	CABLE CLAMP		2	PC	0,500 G		L= 150MM, B= 3,6MM
760		IDENTIFICATION PLATE	ELAT	2	PC		KE	47X135MM, BEDRUCKBAR 47X25MM
820	X00E50200336	SEPARABLE CONNECTOR	BUCHSENGEHÄUSE MCP2, 8+MCP 1,5	1	PC	87,400 G		62(6+56)POL/NW26/ CODE-A/ 90GRD
830	0011596139	SHRINKABLE HOSE		0,120	M			52/13/MIT KLEBER
	0025319285	BLADE CONNECTOR	BUCHSENKONTAKT VERSILBERT	6	PC	0,600 G		1,5-2,5 MM ² , MCP2,8
840	0025319485	SINGLE-CORE INSUL	EINZELADERABDICHTUNG	6	PC	0,300 G		2,2-3,0 MM / MCP2,8
850	0025319785	BLADE CONNECTOR	BUCHSENKONTAKT VERSILBERT	40	PC	1,200 G		0,5-1,0 MM ² / MCP2,8
860	0185313083	SINGLE-CORE INSUL	EINZELADERABDICHTUNG	40	PC	1 G		1,2-2,1 MM / MCP2,8
870	0165313583	BLANKING PLUG	BLINDSTOPFEN	16	PC	0,100 G		SYSTEM 2,5MM / 2,8MM
880	X00E50200337	SEPARABLE CONNECTOR	KAPPE FÜR MCP BUCHSENGEHÄUSE	1	PC	13 G		62POL / NW26
940	0035314381	CABLE CLAMP		2	PC	0,500 G		L= 150MM, B= 3,6MM
950		IDENTIFICATION PLATE	ELAT	2	PC		KE	47X135MM, BEDRUCKBAR 47X25MM

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
90	X00E50700436	WIRING HARNESS TO INJECTOR	16V4000M23-M63	1	PC	2,495 KG		ECU7 X4	
120	X00E50700629	WIRING HARNESS FOR ON-ENGINE SENSO	16V4000M23-M63	1	PC	4,340 KG		ECU7 X2	
140	X00E50700442	WIRING HARNESS FOR ON-ENGINE SENSO	16V4000M23-M63	1	PC			EMU7 X12 O.EA	
200	0035352531	PRESSURE SENSOR		1	PC		AB EM	M14X1,5,SW= 27, 0-10BAR_RELATIV	
220	0035352531	PRESSURE SENSOR		1	PC		AB EM	M14X1,5,SW= 27, 0-10BAR_RELATIV	
230	5069971416	BUSHING THREADED	8/12V183TE02/93	1	PC	27,377 G			
240	007603018104	WASHER A COP		1	PC	2 G		A 18 X 24	DIN7603
260	X00E50208388	PRESSURE SENSOR	0 - 10 BAR REL, EPN	1	PC	110 G	AB	M14X1,5, SW=27	
280	X00018659	PRESSURE SENSOR		1	PC	92,100 G	EM	M18X1,5, SW=27, 0,5-6 BAR_ABSOL	
295	X00E50207201	PRESSURE SENSOR	15 BAR REL.	1	PC	121,400 G	AB	ISO M14X1,5; SW=27 L=56 TYP:EPN	
310	X00E50207201	PRESSURE SENSOR	15 BAR REL.	1	PC	121,400 G	AB	ISO M14X1,5; SW=27 L=56 TYP:EPN	
360	0185314583	DUST CAP	BAJONETTGEOMETRIE DIN 72585	1	PC	5 G	AB	SCHUTZKAPPE FÜR STECKERGEHÄUSE	DIN72585
370	0025317381	QUICK-CATCH CLAMP	T50S_151X4,8MM	1	PC	1,500 G		L	
390	X00E50207217	PRESSURE SENSOR	2000 BAR REL.	1	PC	115 G	AB EM	KEGEL,M18X1,5, SW=27,L=56, EPN	
410	0035352231	PRESSURE SENSOR		1	PC	134,500 G		M14X1,5,SW=38, +/- 70MBAR_RELAT.	
425	X00E50201372	TEMPERATURE SENSOR	PT100 ABGAS	1	PC	230 G	EM	M14X1,5,110MM, KABEL=1M,STECKER,	
440	X00E50201372	TEMPERATURE SENSOR	PT100 ABGAS	1	PC	230 G	EM	M14X1,5,110MM, KABEL=1M,STECKER,	
455	X00010488	TEMPERATURE SENSOR	PT1000	1	PC	0,550 G	AB EM	DIN72585 2-POL. CODE 1	
465	0005356430	TEMPERATURE SENSOR	PT1000	1	PC	50 G	AB EM	M14X1,5, L=29, STECKER DIN72585,	
475	0005356430	TEMPERATURE SENSOR	PT1000	1	PC	50 G	AB EM	M14X1,5, L=29, STECKER DIN72585,	
485	0005356430	TEMPERATURE SENSOR	PT1000	1	PC	50 G	AB EM	M14X1,5, L=29, STECKER DIN72585,	
500	0005356430	TEMPERATURE SENSOR	PT1000	1	PC	50 G	AB EM	M14X1,5, L=29, STECKER DIN72585,	
520	X00E50201370	TEMPERATURE SENSOR	PT100 ABGAS	1	PC	196 G	AB EM	M14X1,5, 58MM, KABEL=1M,STECKER,	
540	0005358133	SPEED SENSOR	BR4000;NW;	1	PC	0,595 G	AB EM	D=19X60,KABELL.=750MM,	
550	304017008077	BOLT HEX A3C S2000/4000		1	PC	10 G		M 8 X 16	ISO4017
560	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125
580	0005357633	SPEED SENSOR	BR4000;KW;	1	PC		EM	D=19X60,KABELL.=700MM,	
590	304017008077	BOLT HEX A3C S2000/4000		1	PC	10 G		M 8 X 16	ISO4017
600	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125
615	5205304069	SPEED TRANSMITTER	VDO-PICK-UP	1	PC	98 G	AB	MIT DIN-STECKER CODE 1	
630	5205304069	SPEED TRANSMITTER	VDO-PICK-UP	1	PC	98 G	AB	MIT DIN-STECKER CODE 1	
680	X00E50203667	LEVEL MONITOR	BEDIA CLS-50, OELSONDE	1	PC	110 G	AB	OELSONDE, DYN.UB-VERHALTEN	
690	007603018101	COPPER SEALING RING		1	PC	1,300 G		A 18 X 22	DIN7603
705	635H22706/2	SWITCH		1	PC	148,900 G			
707	304014004001	BOLT HEX A3C		2	PC	3,500 G		M 4 X 35	ISO4014
708	007349004000	WASHER		2	PC	1,100 G		4,3	DIN7349
720	635H22706/2	SWITCH		1	PC	148,900 G			
722	304014004001	BOLT HEX A3C		2	PC	3,500 G		M 4 X 35	ISO4014
724	007349004000	WASHER		2	PC	1,100 G		4,3	DIN7349
780	0165313883	FEMALE CONNECTOR		1	PC	13,400 G		4POL. CODE 1 / DIN 72585	
790	0165314683	BAYONET COUPLING	BEFESTIGUNGSRING	1	PC	2,800 G		DIN 72585	
810	0165313583	BLANKING PLUG	BLINDSTOPFEN	4	PC	0,100 G		SYSTEM 2,5MM / 2,8MM	

EQUI TYPE: Engine

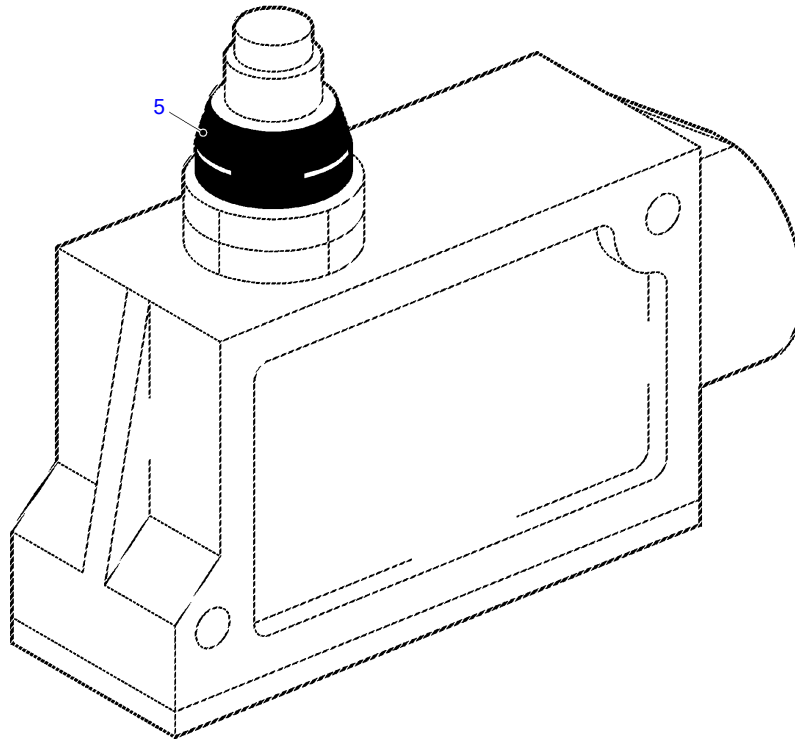
PRODUCT TYPE: 16V4000M23S
ENGINE CABLING FOR ON-ENGINE SENSO

SERIAL NUMBER: 527110279

FG/FGS: 507 98

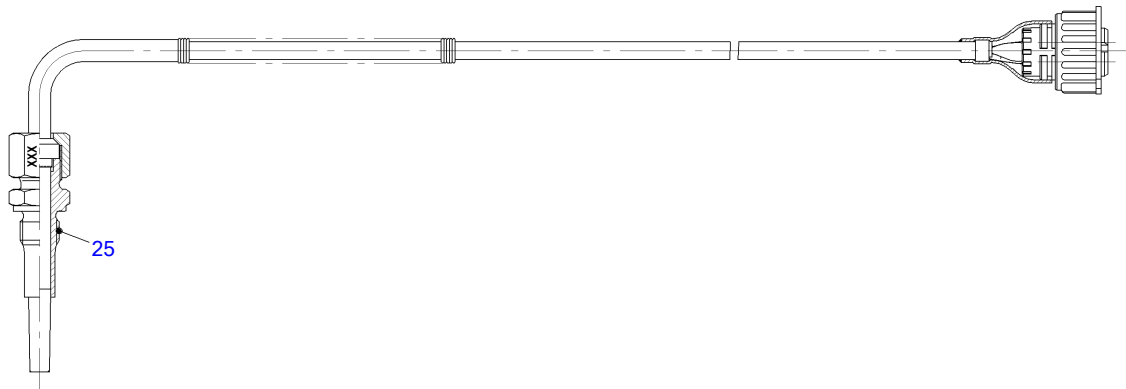
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POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
840	0035352531	PRESSURE SENSOR		1	PC		AB EM	M14X1,5,SW= 27, 0-10BAR_RELATIV	
880	0165313883	FEMALE CONNECTOR		1	PC	13,400 G		4POL. CODE 1 / DIN 72585	
890	0165314683	BAYONET COUPLING	BEFESTIGUNGSRING	1	PC	2,800 G		DIN 72585	
910	0165313583	BLANKING PLUG	BLINDSTOPFEN	4	PC	0,100 G		SYSTEM 2,5MM / 2,8MM	
930	0005356430	TEMPERATURE SENSOR	PT1000	1	PC	50 G	AB EM	M14X1,5, L=29, STECKER DIN72585,	
950	0005357633	SPEED SENSOR	BR4000;KW;	1	PC		EM	D=19X60,KABELL.=700MM,	
960	304017008077	BOLT HEX A3C S2000/4000		1	PC	10 G		M 8 X 16	ISO4017
970	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125



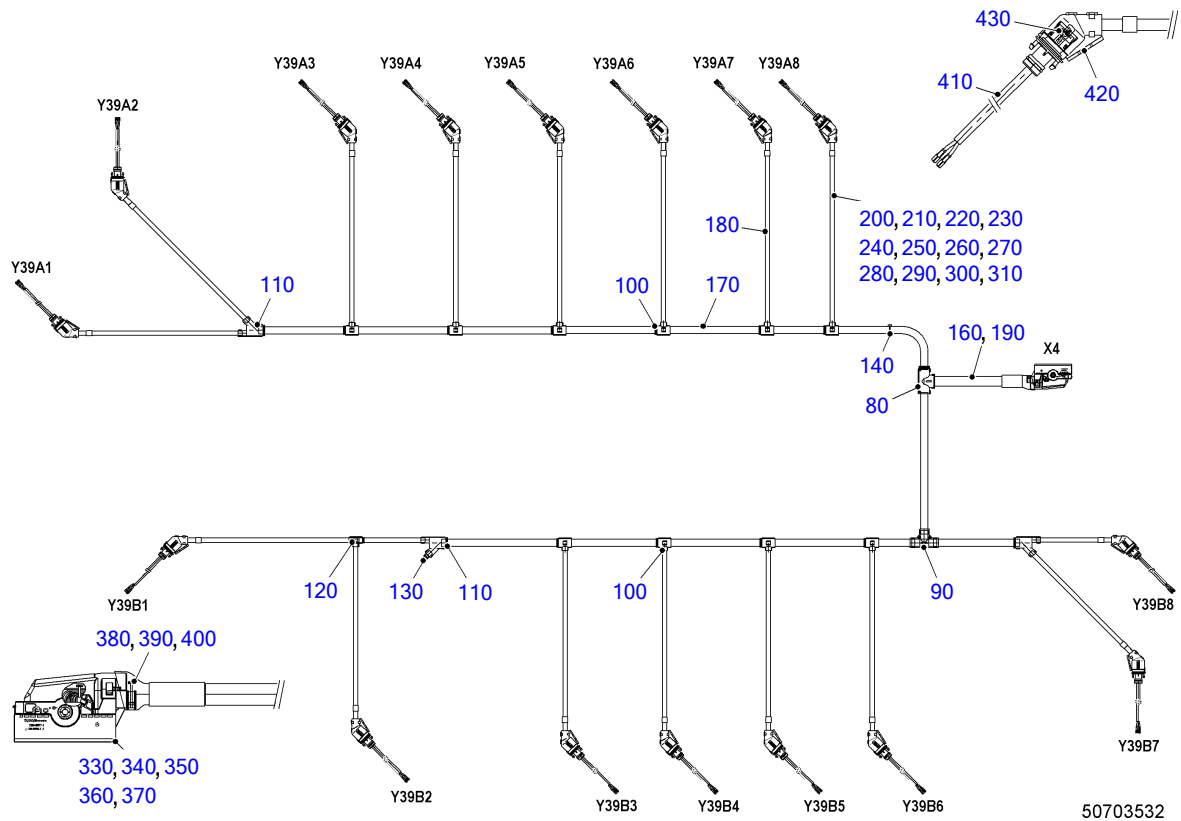
50702215a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
5	8599970017	GROMMET	1	PC	0,510 G



50701427a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
25	8499970115	UNION	1	PC	63 G	MN	M14X1.5 83MM HUELSENLAENGE



POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
80	X00005706	DISTRIBUTOR FOR CABLING		1	PC			T-ABZWEIG 17-22-17	
90	X00E50209720	PIPE	PA 6, IP66	1	PC	20 G		T-ABZWEIG 17-17-17	
100	0005331043	PIPE JOINT		10	PC	7,130 G		T-ABZWEIG 17-10-17	
110	0005337443	PIPE	492.	3	PC	8,100 G		Y-ABZWEIG 17-10-10	
120	0005331443	PIPE		1	PC	4,930 G		T-ABZWEIG 10-10-10	
130	0015336331	CAP	BR2000/4000	1	PC	2,830 G		FUER WELLROHR DN10 AD=13MM	
140	0035314381	CABLE CLAMP		1	PC	0,500 G		L= 150MM, B= 3,6MM	
160	0005338543	PIPE	359.	0,340	M			NW22, AD=25,3MM SW GROBPROFIL	
170	0005337143	PIPE	359.	6,700	M			WELLROHR NW17	
180	0005337043	PIPE	359.	6,300	M			WELLROHR NW10	
190	0095319080	CABLE	RADDOX 155S RW VERDRILLT	56	M			1X2X1,0QMM / WS / NUMMERIERT	
200	700461105000	ID GROMMET		8	PC			5/A	MMN461
210	700461105001	MARKER SLEEVE		8	PC			5/B	MMN461
220	700461105024	MARKER SLEEVE		16	PC			5/Y	MMN461
230	700461205001	MARKER SLEEVE		2	PC			5/1	MMN461
240	700461205002	MARKER SLEEVE		2	PC			5/2	MMN461
250	700461205003	MARKER SLEEVE		18	PC			5/3	MMN461
260	700461205004	MARKER SLEEVE		2	PC			5/4	MMN461
270	700461205005	IDENTIFICATION MARKER		2	PC			5/5	MMN461
280	700461205006	IDENTIFICATION MARKER		2	PC			5/6	MMN461
290	700461205007	MARKER SLEEVE		2	PC			5/7	MMN461
300	700461205008	IDENTIFICATION MARKER		2	PC			5/8	MMN461
310	700461205009	IDENTIFICATION MARKER		16	PC	1 KG		5/9	MMN461

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
WIRING HARNESS TO INJECTOR

SERIAL NUMBER: 527110279

FG/FGS:

BOM-No.: X00E50700436

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN MEASUREMENT	STANDARD
330	0025318485	BLADE CONNECTOR	BUCHSENGEHÄUSE MCP1,5	1	PC	62,800 G	46POL / NW22 / CODE-B / 90GRD	
340	0025319385	BLADE CONNECTOR	BUCHSENKONTAKT VERSILBERT	32	PC	0,400 G	0,5-1,0 MM² / MCP1,5	
350	0025319585	BLADE CONNECTOR	EINZELADERABDICHTUNG	32	PC	0,050 G	1,4-1,9 MM / MCP1,5	
360	0185317083	BLANKING PLUG FOR CONNECTOR	BLINDSTOPFEN	14	PC	0,050 G	MCP1,5	
370	0025319085	BLADE CONNECTOR	KAPPE FÜR MCP BUCHSENGEHÄUSE	1	PC	10,800 G	46POL / NW22	
380	0011596139	SHRINKABLE HOSE		0,120	M		52/13/MIT KLEBER	
390	0035314381	CABLE CLAMP		2	PC	0,500 G	L= 150MM, B= 3,6MM	
400		IDENTIFICATION PLATE	ELAT	2	PC		47X135MM, KE BEDRUCKBAR 47X25MM	
410	X00013978	TERMINAL FOR CYLINDER HEAD	BR4000	16	PC	25 G	L=90MM, 250V/1500V/24A 2-POL.	
420	0065319181	TERMINAL		16	PC	4,700 G	HAUBE 45GRAD, FUER WELLROHR N	
430	X00006101	END SLEEVE		32	PC	0,200 G	0,5-1MM M. ISOLATIONSUNTERST.	DIN46228

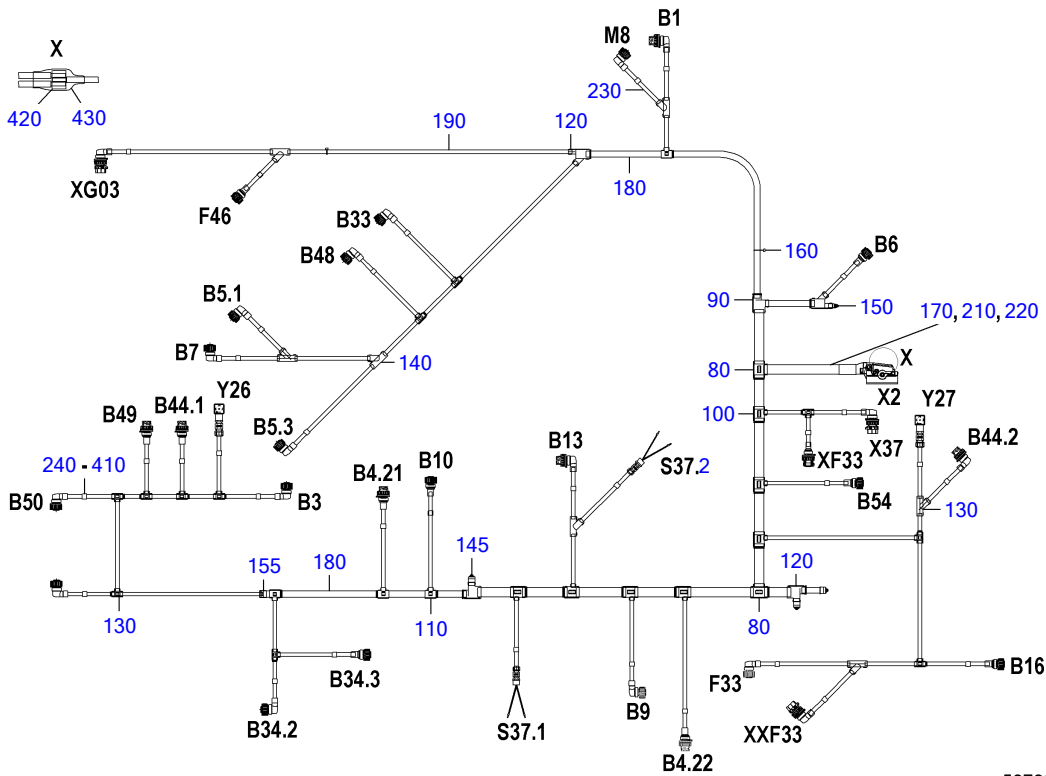
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
80	X00027377	DISTRIBUTOR		1	PC	16,300 G		T-ABZWEIG 26-26-26	
90	X00E50204716	DISTRIBUTOR F. WIRING HARNESS		1	PC		UB	T-ABZWEIG 26-17-10	
100	X00005206	DISTRIBUTOR F. WIRING HARNESS		1	PC	10 G		T-ABZWEIG 26-17-17	
110	X00E50200993	DISTRIBUTOR F. WIRING HARNESS		2	PC	9,700 G	AB	T-ABZWEIG 26-10-26	
120	0005331043	PIPE JOINT		1	PC	7,130 G		T-ABZWEIG 17-10-17	
130	0015336931	CAP	FUER WELLROHR	3	PC	1 G		DN17 AD=21,2MM	
200	0005338643	PIPE	359.	3,600	M			WELLROHR NW26	
210	0005337143	PIPE	359.	1,900	M			WELLROHR NW17	
220	0005337043	PIPE	359.	3,200	M			WELLROHR NW10	
230	0095318880	CABLE	RADDOX 155S RW VERDRILLT	6,500	M	28 G		1X2X0,5QMM / WS / NUMMERIERT	
240	0095318980	CABLE	RADDOX 155S RW VERDRILLT	3,800	M			1X3X0,5QMM / WS / NUMMERIERT	
270	700461105001	MARKER SLEEVE		4	PC			5/B	MMN461
280	700461105028	MARKER SLEEVE		3	PC			5/.	MMN461
290	700461205001	MARKER SLEEVE		2	PC			5/1	MMN461
300	700461205002	MARKER SLEEVE		4	PC			5/2	MMN461
310	700461205003	MARKER SLEEVE		1	PC			5/3	MMN461
330	700461205005	IDENTIFICATION MARKER		3	PC			5/5	MMN461
340	700461205006	IDENTIFICATION MARKER		3	PC			5/6	MMN461
400	0165313283	MALE CONNECTOR	STECKER F. BU-KONTAKTE 2,5MM	3	PC	11,500 G		4POL. CODE 1 / DIN 72585	
410	0165313883	FEMALE CONNECTOR		1	PC	13,400 G		4POL. CODE 1 / DIN 72585	
430	0165313383	FEMALE CONTACT		10	PC	0,200 G		0,5-1,0 MM ² / D=2,5MM	
440	0165313983	PIN CONTACT	STIFTKONTAKT VERSILBERT	2	PC	0,700 G		0,5-1,0 MM ² / D=2,5MM	
450	0165313583	BLANKING PLUG	BLINDSTOPFEN	2	PC	0,100 G		SYSTEM 2,5MM / 2,8MM	
460	0165313483	SINGLE-CORE INSUL		12	PC	0,100 G		1,2-2,0 MM / D2,5MM	
470	0165314683	BAYONET COUPLING	BEFESTIGUNGSRING	1	PC	2,800 G		DIN 72585	
480	0165313683	CAP	STECKERKAPPE WELLROHRADAPTER	3	PC	5,760 G		90 GRAD / NW10 / DIN 72585	
490	0165313783	CAP	STECKERKAPPE WELLROHRADAPTER	1	PC	4,470 G		180 GRAD / NW10 / DIN 72585	
500	0025319385	BLADE CONNECTOR	BUCHSENKONTAKT VERSILBERT	10	PC	0,400 G		0,5-1,0 MM ² / MCP1,5	
510	0025319585	BLADE CONNECTOR	EINZELADERABDICHTUNG	10	PC	0,050 G		1,4-1,9 MM / MCP1,5	
520	0185317083	BLANKING PLUG FOR CONNECTOR	BLINDSTOPFEN	82	PC	0,050 G		MCP1,5	
530	0025319185	BLADE CONNECTOR	KAPPE FUER MCP BUCHSENGEHAEUSE	1	PC	14,100 G		92POL / NW26	
540	0011596139	SHRINKABLE HOSE		0,120	M			52/13/MIT KLEBER	
550	0035314381	CABLE CLAMP		4	PC	0,500 G		L= 150MM, B= 3,6MM	
560		IDENTIFICATION PLATE	ELAT	2	PC			47X135MM, BEDRUCKBAR 47X25MM	
570	X00012742	BLADE CONNECTOR	BUCHSENGEHAEUSE MCP1,5	1	PC	111 G		92POL / NW26 / CODE-B / 90GRD	

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
WIRING HARNESS FOR ON-ENGINE SENSO

SERIAL NUMBER: 527110279

FG/FGS:
BOM-No.: X00E50700629



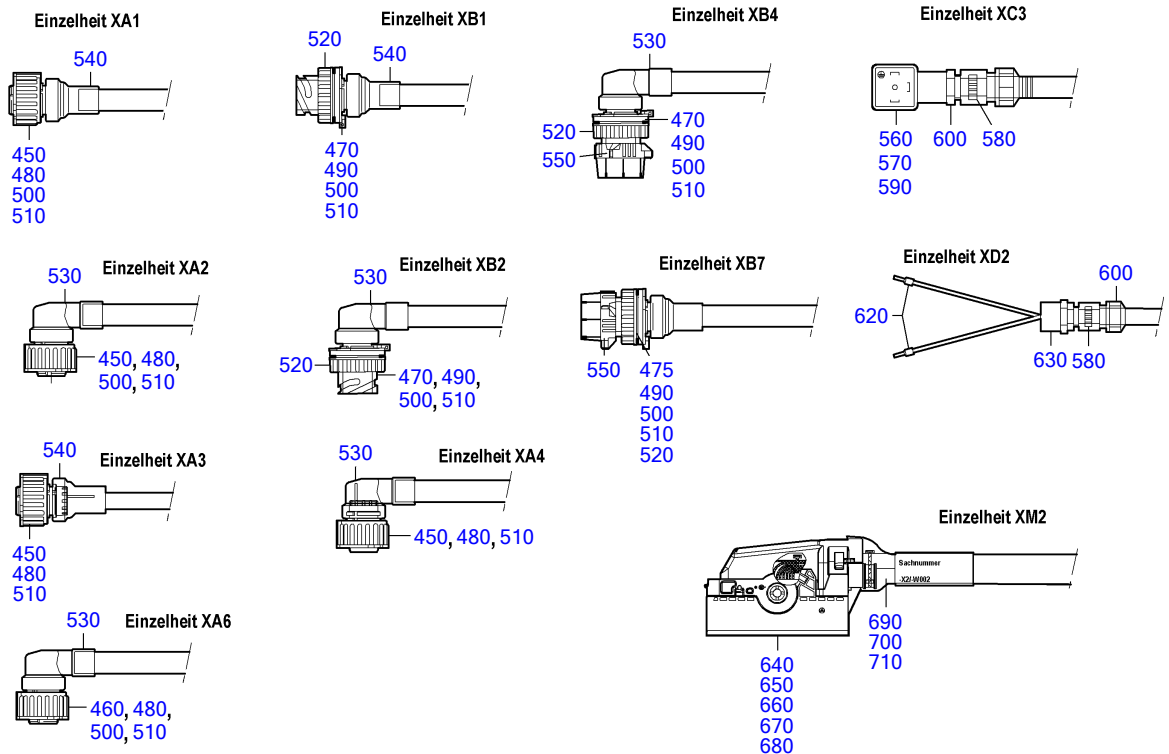
50702774

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
WIRING HARNESS FOR ON-ENGINE SENSO

SERIAL NUMBER: 527110279

FG/FGS:
BOM-No.: X00E50700629



50702775

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
80	X00027377	DISTRIBUTOR		2	PC	16,300 G		T-ABZWEIG 26-26-26	
90	X00005206	DISTRIBUTOR F. WIRING HARNESS		3	PC	10 G		T-ABZWEIG 26-17-17	
100	X00E50200993	DISTRIBUTOR F. WIRING HARNESS		7	PC	9,700 G	AB	T-ABZWEIG 26-10-26	
110	0005331043	PIPE JOINT		4	PC	7,130 G		T-ABZWEIG 17-10-17	
120	0005337443	PIPE	492.	2	PC	8,100 G		Y-ABZWEIG 17-10-10	
130	0005331443	PIPE		10	PC	4,930 G		T-ABZWEIG 10-10-10	
140	0005331143	PIPE JOINT		7	PC	6,190 G		Y-ABZWEIG 10-10-10	
145	0015336931	CAP	FUER WELLROHR	3	PC	1 G		DN17 AD=21,2MM	
150	0015336331	CAP	BR2000/4000	1	PC	2,830 G		FUER WELLROHR DN10 AD=13MM	
155	0005336143	PIPE CABLING AND PIPEWOR	DN17-10	1	PC	8,540 G	AB	REDUZIERSTUECK 17-10	
160	0035314381	CABLE CLAMP		2	PC	0,500 G		L= 150MM, B= 3,6MM	
170	X00E50206794	CORRUGATED PIPE FOR CABLE RUNNING	UFW PA6 V0	5,200	M	5,500 KG	AB	NW26; 31,5/24,9MM; GROBWELLE	
180	X00E50206790	CORRUGATED PIPE FOR CABLE RUNNING	UFW PA6 V0	2,800	M		AB	NW17; 21,2/16,0MM; GROBWELLE	
190	X00E50206788	CORRUGATED PIPE FOR CABLE RUNNING	UFW PA6 V0	15	M		AB	NW10; 13,1/9,3MM; GROBWELLE	
210	0095318880	CABLE	RADDOX 155S RW VERDRILLT	78	M	28 G		1X2X0,5QMM / WS / NUMMERIERT	
220	0095318980	CABLE	RADDOX 155S RW VERDRILLT	47,500	M			1X3X0,5QMM / WS / NUMMERIERT	
230	0095319080	CABLE	RADDOX 155S RW VERDRILLT	1,800	M			1X2X1,0QMM / WS / NUMMERIERT	
240	700461105001	MARKER SLEEVE		22	PC			5/B	MMN461
250	700461105005	MARKER SLEEVE		4	PC			5/F	MMN461
260	700461105006	MARKER SLEEVE		1	PC			5/G	MMN461
270	700461105012	MARKER SLEEVE		1	PC			5/M	MMN461
280	700461105018	MARKER SLEEVE		2	PC			5/S	MMN461
290	700461105023	MARKER SLEEVE		5	PC			5/X	MMN461
300	700461105024	MARKER SLEEVE		2	PC			5/Y	MMN461
310	700461105028	MARKER SLEEVE		10	PC			5/.	MMN461
320	700461205000	MARKER SLEEVE		3	PC	1 KG		5/0	MMN461
330	700461205001	MARKER SLEEVE		9	PC			5/1	MMN461
340	700461205002	MARKER SLEEVE		8	PC			5/2	MMN461
350	700461205003	MARKER SLEEVE		19	PC			5/3	MMN461
360	700461205004	MARKER SLEEVE		13	PC			5/4	MMN461
370	700461205005	IDENTIFICATION MARKER		4	PC			5/5	MMN461
380	700461205006	IDENTIFICATION MARKER		4	PC			5/6	MMN461
390	700461205007	MARKER SLEEVE		5	PC			5/7	MMN461
400	700461205008	IDENTIFICATION MARKER		2	PC			5/8	MMN461
410	700461205009	IDENTIFICATION MARKER		2	PC	1 KG		5/9	MMN461
420	0015318285	BLADE CONNECTOR	CRIMPVERBINDER PARALLEL	2	PC	0,500 G		1,0-2,5 MM ² / BLANK / VERZINNT	
430	0005311575	SHRINKABLE HOSE	SSCHL. 50MM KL	2	PC	0,800 G		5,7/1,27MM, L=50MM, TRANSPARENT	
450	0165313283	MALE CONNECTOR	STECKER F. BU-KONTAKTE 2,5MM	17	PC	11,500 G		4POL. CODE 1 / DIN 72585	
460	0165314083	MALE CONNECTOR	STECKER F. BU-KONTAKTE 2,5MM	1	PC	12 G		4POL. CODE 2 / DIN 72585	
470	0165313883	FEMALE CONNECTOR		10	PC	13,400 G		4POL. CODE 1 / DIN 72585	
475	0165314183	FEMALE CONNECTOR	STECKDOSE ST-KONTAKTE 2,5MM	1	PC	12,900 G		4POL. CODE 2 / DIN 72585	
480	0165313383	FEMALE CONTACT		59	PC	0,200 G		0,5-1,0 MM ² / D=2,5MM	
490	0165313983	PIN CONTACT	STIFTKONTAKT VERSILBERT	26	PC	0,700 G		0,5-1,0 MM ² / D=2,5MM	
500	0165313583	BLANKING PLUG	BLINDSTOPFEN	31	PC	0,100 G		SYSTEM 2,5MM / 2,8MM	
510	0165313483	SINGLE-CORE INSUL		85	PC	0,100 G		1,2-2,0 MM / D2,5MM	
520	0165314683	BAYONET COUPLING	BEFESTIGUNGSRING	11	PC	2,800 G		DIN 72585	
530	0165313683	CAP	STECKERKAPPE WELLROHRADAPTER	18	PC	5,760 G		90 GRAD / NW10 / DIN 72585	

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
WIRING HARNESS FOR ON-ENGINE SENSO

SERIAL NUMBER: 527110279

FG/FGS:
BOM-No.: X00E50700629

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
540	0165313783	CAP	STECKERKAPPE WELLROHRADAPTER	11	PC	4,470 G		180 GRAD / NW10 / DIN 72585	
550	0165314383	DUST CAP	BAJONETTGEOMETRIE DIN 72585	4	PC	10 G		STAUBSCHUTZKAPPE FUER STECKDOSE	
560	0165312883	HOUSING FOR CONNECTOR	4 POL.	2	PC	26 G	AB	WÜRFELSTECKER 4-POL./PG9,	DIN43650-A
570	0015315385	BLADE CONNECTOR	0,5-1,0 MM	4	PC	0,840 G	AB	KONTAKT0,5-1,0MM2,/2,1-2,7	
580	0005331460	SEALING RING	HSK-ME	4	PC	1 G		DICHTUNG 2X1,7MM	
590	0165312983	GASKET FOR CONNECTOR	GDM	2	PC	7 G	AB	DICHTUNG WÜRFELST.	
600	0005314676	CABLE ENTRY	PG9_NW10	4	PC	10,750 G		SCHLAUCHVERSCHR. PG9	
610	0005319181	QUICK-CATCH CLAMP	TYH PA6.6	2	PC	0,250 G		200X2,4MM -40C - 105 C	
620	0015317385	END SLEEVE	ADERENDHUELSE H0,5-14	4	PC	5 G		0,5 QMM	
630	46531	UNION		2	PC	12 G		H PG 13,5 - PG 9	DIN46320
640	0025318885	BLADE CONNECTOR	BUCHSENGEHAEUSE MCP1,5	1	PC	111 G		92POL / NW26 / CODE-A / 90GRD	
650	0025319385	BLADE CONNECTOR	BUCHSENKONTAKT VERSILBERT	64	PC	0,400 G		0,5-1,0 MM² / MCP1,5	
660	0025319585	BLADE CONNECTOR	EINZELADERABDICHTUNG	64	PC	0,050 G		1,4-1,9 MM / MCP1,5	
670	0185317083	BLANKING PLUG FOR CONNECTOR	BLINDSTOPFEN	28	PC	0,050 G		MCP1,5	
680	0025319185	BLADE CONNECTOR	KAPPE FUER MCP BUCHSENGEHAEUSE	1	PC	14,100 G		92POL / NW26	
690	0011596139	SHRINKABLE HOSE		0,120	M			52/13/MIT KLEBER	
700	0035314381	CABLE CLAMP		2	PC	0,500 G		L= 150MM, B= 3,6MM	
710		IDENTIFICATION PLATE	ELAT	2	PC		KE	47X135MM, BEDRUCKBAR 47X25MM	

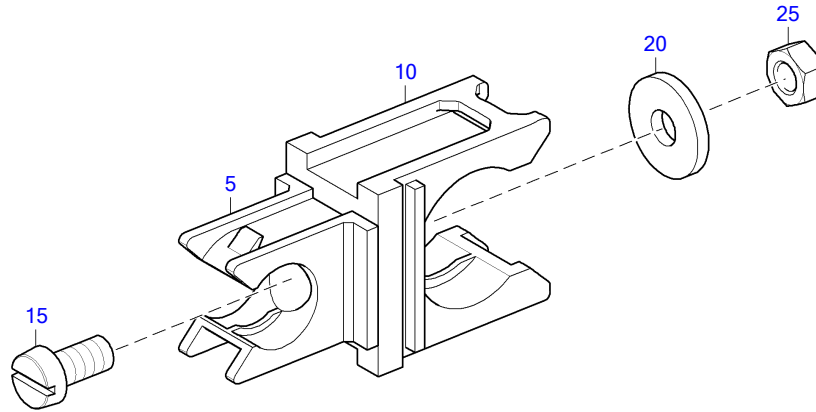
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
100	X00E50201047	GROUND/EARTH LINE		1	PC	23 G	AB	2XM6; 6QMM; 200MM; ISOLIERT	
150	00000003387	BOLT HEX		1	PC	5 G		M 6 X 16	ISO4017
200	000125006431	WASHER		1	PC	0,900 G		A 6,4	DIN125
300	916016035201	CLAMP		1	PC	43 G		BRSGU 35/20	N16016
400	304017008081	HEX BOLT		1	PC	13,500 G		M 8 X 25	ISO4017
450	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125
500	5241506273	RETAINER F. WIRING HARNESS	4000	2	PC	47,500 G		HC031	
550	00000003020	BOLT HEX A3C		2	PC	20,010 G		M 10 X 20	ISO4017
551	000125010524	WASHER		2	PC	3,100 G		A 10,5	DIN125
570	5241501376	RETAINER F. WIRING HARNESS	BR4000	1	PC	41,600 G		HC068	
600	5241534340	BRACKET H:14	4000	1	PC	24,100 G			
650	00000003347	BOLT HEX A3C		1	PC	39 G		M 10 X 55	ISO4017
750	0001596540	CLAMP CABLE DN17		3	PC	1,900 G		DN17	
800	0001596440	CLAMP CABLE DN10		4	PC	1,200 G		DN10	
850	000084005196	SCREW		3	PC	2,670 G		M 5 X 12	DIN84
900	200084005107	BOLT SLOTTED HD GELB CHROMAT		4	PC	2,400 G		M 5 X 10	DIN84
950	000125005322	WASHER		4	PC	0,400 G		A 5,3	DIN125
1000	007349005002	WASHER		3	PC			5,3	DIN7349
1050	304032005008	HEX NUT		7	PC			M 5	ISO4032
1150	X52650700039	CABLE CLAMP		5	PC	9 G		ROHRCLIP DN26	
1200	0001596440	CLAMP CABLE DN10		1	PC	1,200 G		DN10	
1250	000084005194	SCREW		5	PC	3,060 G		M 5 X 16	DIN84
1300	200084005107	BOLT SLOTTED HD GELB CHROMAT		1	PC	2,400 G		M 5 X 10	DIN84
1350	000125005322	WASHER		11	PC	0,400 G		A 5,3	DIN125
1400	304032005008	HEX NUT		6	PC			M 5	ISO4032
1500	0005335043	BRACKET		8	PC	1,800 G		BUEGEL FUER HALTER DN10	
1550	0005334943	BRACKET CABLING AND PIPEWOR		10	PC	2,900 G		BUEGEL FUER HALTER DN17	
1600	X52650700040	BRACKET		11	PC			BUEGEL DN26	

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
100	X59450700041	RETAINER FOR ENGINE CONTROL		1	PC	10,620 KG			
150	304017008084	BOLT HEX A3C		4	PC	16,565 G	M 8 X 35		ISO4017
200	007349008002	WASHER		4	PC	8,300 G	8,4		DIN7349
250	000000003710	HEX SCREW		1	PC	27,500 G	M 10 X 35		ISO4017
300	007349010002	WASHER		1	PC	11 G	10,5		DIN7349
400	X52850200002	RETAINER TOP		1	PC				
450	X59350700015	RETAINER BOTTOM		1	PC	2,020 KG			
500	X00012261	SPACER SLEEVE		4	PC	37,720 G			
550	304017008081	HEX BOLT		4	PC	13,500 G	M 8 X 25		ISO4017
600	5221530026	DAMPER	SG 2000	4	PC	152,800 G			
650	304032008014	NUT HEX 8 A3C		8	PC	4,800 G	M 8		ISO4032
700	007349008002	WASHER		4	PC	8,300 G	8,4		DIN7349
800	X00E50201047	GROUND/EARTH LINE		1	PC	23 G	AB 2XM6; 6QMM; 200MM; ISOLIERT		
850	000000003387	BOLT HEX		2	PC	5 G	M 6 X 16		ISO4017
900	000125006431	WASHER		2	PC	0,900 G	A 6,4		DIN125
1100	X59450700031	RETAINER F. WIRING HARNESS		1	PC				
1150	X59699100058	PLUG		1	PC	220 KG			
1200	007603038101	COPPER SEALING RING		1	PC	5,400 G	A 38 X 44		DIN7603
1250	735151008100	SPACER		1	PC	7,700 G	A 8,4		MTN5151
1300	204017008011	HEX SCREW		1	PC	12,200 G	M 8 X 22		ISO4017
1400	735151010100	SPACER		1	PC	11 G	A 10,5		MTN5151
1450	000000001042	BOLT HEX A3C		1	PC	35 G	M 10 X 50		ISO4017
1550	735151012100	SPACER S2000/4000		1	PC	20 G	A 12,5		MTN5151
1600	000000001040	BOLT HEX A3C		1	PC	58 G	M 12 X 60		ISO4017
1700	X59399100095	RETAINER		1	PC	1,900 KG	SB		
1750	000000001464	BOLT HEX A3C		6	PC	25 G	M 10 X 30		ISO4017
1850	204017006007	HEX SCREW		4	PC	9,400 G	M 6 X 40		ISO4017
1950	X57509600008	DAMPER ELEMENT		4	PC	34,100 G	FUER M6 SCHRAUBE		
2050	X00E50201048	GROUND/EARTH LINE		1	PC	23 G	2XM6, 6QMM, 250MM, ISOLIERT		
2100	304017006058	BOLT HEX A3C		2	PC	4,400 G	M 6 X 12		ISO4017
2300	X59550700030	STRIP F. WIRING HARNESS		1	PC				
2350	000000003021	HEX SCREW		6	PC	23,700 G	M 10 X 25		ISO4017
2400	007349010002	WASHER		6	PC	11 G	10,5		DIN7349
2450	009021010201	WASHER		6	PC	10,740 G	10,5		DIN9021
2550	X52750700019	STRIP F. WIRING HARNESS		1	PC				
2600	000000003021	HEX SCREW		6	PC	23,700 G	M 10 X 25		ISO4017
2650	007349010002	WASHER		6	PC	11 G	10,5		DIN7349
2700	009021010201	WASHER		6	PC	10,740 G	10,5		DIN9021
2800	916016026202	CLAMP		1	PC	35,700 G	BRSQU 26/20		N16016
2850	0009959301	PIPE CLAMP	BRSQU 32/20	1	PC	45 G			N16016
2900	916016022202	CLAMP		3	PC	27,800 G	BRSQU 22/20		N16016
2950	304017008081	HEX BOLT		5	PC	13,500 G	M 8 X 25		ISO4017
3000	000125008427	WASHER		5	PC	1,500 G	A 8,4		DIN125
3050	X59550700026	RETAINER F. WIRING HARNESS		3	PC	23,500 G	BC009		
3060	X59450700146	RETAINER F. WIRING HARNESS		1	PC				
3061	000000003020	BOLT HEX A3C		1	PC	20,010 G	M 10 X 20		ISO4017
3062	000125010524	WASHER		1	PC	3,100 G	A 10,5		DIN125
3080	5241502473	RETAINER F. WIRING HARNESS	BR 4000	2	PC	14,100 G	BC001		
3150	X00032675	RETAINER F. WIRING HARNESS		2	PC	134 G			
3170	304017008086	BOLT HEX A3C		2	PC	19,400 G	M 8 X 45		ISO4017
3200	007349008002	WASHER		2	PC	8,300 G	8,4		DIN7349
3270	5315460443	BRACKET H:41 S2000/S4000	8V2000M90	1	PC	65,500 G			
3280	304017008077	BOLT HEX A3C S2000/4000		1	PC	10 G	M 8 X 16		ISO4017
3300	000125008427	WASHER		1	PC	1,500 G	A 8,4		DIN125

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
3400	5241503070	RETAINER F. WIRING HARNESS		2	PC	9,300 G		BC007	
3450	5241506273	RETAINER F. WIRING HARNESS	4000	2	PC	47,500 G		HC031	
3500	304017008083	BOLT HEX A3C		2	PC	15 G		M 8 X 30	ISO4017
3550	007349008002	WASHER		2	PC	8,300 G		8,4	DIN7349
3600	5500780453	SPACER SLEEVE		2	PC	13,310 G		9MM X 15MM L=13	
3750	X59450700011	BRACKET WIRING HARNESS		2	PC	57 G			
3850	5241502473	RETAINER F. WIRING HARNESS	BR 4000	1	PC	14,100 G		BC001	
3920	X00026945	CABLE CLAMP	T50SOSFT6	1	PC	1,300 G		M.STECKFUSS F. M8 AUSSENVERZAHN	
3950	5241504673	RETAINER F. WIRING HARNESS	4000	2	PC	73 G			
3970	304017008086	BOLT HEX A3C		1	PC	19,400 G		M 8 X 45	ISO4017
4000	007349008002	WASHER		2	PC	8,300 G		8,4	DIN7349
4010	5500780453	SPACER SLEEVE		1	PC	13,310 G		9MM X 15MM L=13	
4020	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
4030	5241502473	RETAINER F. WIRING HARNESS	BR 4000	3	PC	14,100 G		BC001	
4031	X52450700069	RETAINER		1	PC			HC094/1	
4032	304017008081	HEX BOLT		1	PC	13,500 G		M 8 X 25	ISO4017
4033	007349008002	WASHER		2	PC	8,300 G		8,4	DIN7349
4034	304032008014	NUT HEX 8 A3C		1	PC	4,800 G		M 8	ISO4032
4036	5241534640	BRACKET L H:30 SENSOR E	4000	1	PC	46 G			
4037	000000001464	BOLT HEX A3C		1	PC	25 G		M 10 X 30	ISO4017
4038	007349010002	WASHER		1	PC	11 G		10,5	DIN7349
4040	5241507173	RETAINER F. WIRING HARNESS	4000	1	PC	22,400 G		HC087	
4041	304017008077	BOLT HEX A3C S2000/4000		3	PC	10 G		M 8 X 16	ISO4017
4042	X52450700069	RETAINER		2	PC			HC094/1	
4050	X00027636	BRACKET ASM		1	PC	47,390 G			
4070	000000001042	BOLT HEX A3C		1	PC	35 G		M 10 X 50	ISO4017
4075	5511530050	SPACER BUSHING		1	PC	13,310 G		Ø18/Ø10 × 10	
4090	5241534640	BRACKET L H:30 SENSOR E	4000	1	PC	46 G			
4091	000000001464	BOLT HEX A3C		1	PC	25 G		M 10 X 30	ISO4017
4092	000125010524	WASHER		1	PC	3,100 G		A 10,5	DIN125
4200	0015331940	RETAINER CABLING AND PIPEWOR		5	PC	5,650 G		ROHRCLIP DN17	
4250	0015331840	RETAINER CABLING AND PIPEWOR		2	PC	3,110 G		ROHRCKLIP DN10	
4300	000084005196	SCREW		5	PC	2,670 G		M 5 X 12	DIN84
4350	200084005107	BOLT SLOTTED HD GELB CHROMAT		2	PC	2,400 G		M 5 X 10	DIN84
4400	000125005322	WASHER		7	PC	0,400 G		A 5,3	DIN125
4450	007349005002	WASHER		5	PC			5,3	DIN7349
4500	304032005008	HEX NUT		7	PC			M 5	ISO4032
4520	0001596540	CLAMP CABLE DN17		6	PC	1,900 G		DN17	
4530	0001596440	CLAMP CABLE DN10		1	PC	1,200 G		DN10	
4550	X59450700037	RETAINER F. WIRING HARNESS		1	PC	232 G			
4850	5315461343	Connector Fastener		1	PC	97 G			
4900	5502030043	BRACKET		1	PC	31 G		H023	
4970	304017008076	HEX BOLT		1	PC	9,200 G		M 8 X 12	ISO4017
5000	000125008427	WASHER		2	PC	1,500 G		A 8,4	DIN125
5020	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
5050	5241534340	BRACKET H:14	4000	1	PC	24,100 G			
5100	304017008083	BOLT HEX A3C		1	PC	15 G		M 8 X 30	ISO4017
5150	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125
5170	5241534640	BRACKET L H:30 SENSOR E	4000	1	PC	46 G			
5180	000000003926	BOLT HEX A3C		1	PC	55,600 G		M 12 X 55	ISO4017
5250	X59450700038	RETAINER F. WIRING HARNESS		1	PC	145 G			
5300	000000003020	BOLT HEX A3C		1	PC	20,010 G		M 10 X 20	ISO4017

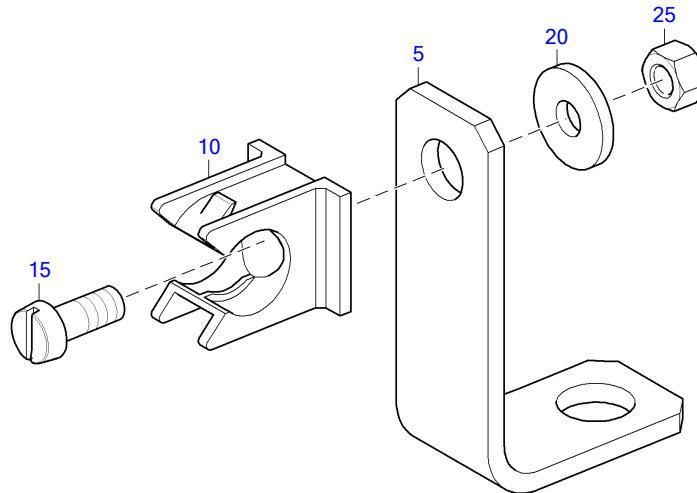
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
5350	000125010524	WASHER		1	PC	3,100 G		A 10,5	DIN125
5400	X59499100047	PLUG		1	PC	30 KG			
5850	X52650700039	CABLE CLAMP		5	PC	9 G		ROHRCLIP DN26	
5900	0015331940	RETAINER CABLING AND PIPEWOR		1	PC	5,650 G		ROHRCLIP DN17	
6000	000084005194	SCREW		5	PC	3,060 G		M 5 X 16	DIN84
6050	000084005196	SCREW		1	PC	2,670 G		M 5 X 12	DIN84
6150	000125005322	WASHER		10	PC	0,400 G		A 5,3	DIN125
6200	007349005002	WASHER		1	PC			5,3	DIN7349
6250	304032005008	HEX NUT		6	PC			M 5	ISO4032
6270	0001596540	CLAMP CABLE DN17		4	PC	1,900 G		DN17	
6280	0001596440	CLAMP CABLE DN10		3	PC	1,200 G		DN10	
6350	5241534640	BRACKET L H:30 SENSOR E	4000	1	PC	46 G			
6370	000000004745	HEX SCREW		1	PC	43 G		M 10 X 65	ISO4017
6375	007349010002	WASHER		1	PC	11 G		10,5	DIN7349
6380	5511531250	SPACER BUSHING		1	PC	41 G			
6400	X59550700026	RETAINER F. WIRING HARNESS		6	PC	23,500 G		BC009	
6450	X59550700027	RETAINER F. WIRING HARNESS		1	PC	19 G		BC010	
6500	5241502473	RETAINER F. WIRING HARNESS	BR 4000	1	PC	14,100 G		BC001	
6600	X59550700027	RETAINER F. WIRING HARNESS		4	PC	19 G		BC010	
6620	X59550700025	RETAINER F. WIRING HARNESS		2	PC	27,200 G		BC008	
6700	X59450700039	RETAINER F. WIRING HARNESS		1	PC	81 G			
6720	000000003021	HEX SCREW		1	PC	23,700 G		M 10 X 25	ISO4017
6730	000125010524	WASHER		1	PC	3,100 G		A 10,5	DIN125
6740	X59450700148	RETAINER F. WIRING HARNESS		1	PC				
6741	000000003020	BOLT HEX A3C		1	PC	20,010 G		M 10 X 20	ISO4017
6742	000125010524	WASHER		1	PC	3,100 G		A 10,5	DIN125
6750	5241505876	RETAINER F. WIRING HARNESS		1	PC			HC094	
6800	304017008079	BOLT HEX		1	PC	12,370 G		M 8 X 20	ISO4017
6850	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125
6900	5241502676	RETAINER F. WIRING HARNESS		1	PC	45 G		HC032/1	
6950	304017008081	HEX BOLT		1	PC	13,500 G		M 8 X 25	ISO4017
7000	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
7015	304017008079	BOLT HEX		1	PC	12,370 G		M 8 X 20	ISO4017
7050	5241534640	BRACKET L H:30 SENSOR E	4000	1	PC	46 G			
7100	204017012004	HEX SCREW		1	PC	29,600 G		M 12 X 20	ISO4017
7150	000125013012	WASHER		1	PC	5,320 G		MN A 13	DIN125
7250	X59450700011	BRACKET WIRING HARNESS		1	PC	57 G			
7260	304017008081	HEX BOLT		1	PC	13,500 G		M 8 X 25	ISO4017
7270	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125
7300	304017008079	BOLT HEX		1	PC	12,370 G		M 8 X 20	ISO4017
7450	5241502676	RETAINER F. WIRING HARNESS		4	PC	45 G		HC032/1	
7500	304017008079	BOLT HEX		4	PC	12,370 G		M 8 X 20	ISO4017
7550	007349008002	WASHER		4	PC	8,300 G		8,4	DIN7349
7700	5241502676	RETAINER F. WIRING HARNESS		1	PC	45 G		HC032/1	
7750	304017008081	HEX BOLT		1	PC	13,500 G		M 8 X 25	ISO4017
7800	007349008002	WASHER		1	PC	8,300 G		8,4	DIN7349
7811	304017008079	BOLT HEX		1	PC	12,370 G		M 8 X 20	ISO4017
7850	5241505876	RETAINER F. WIRING HARNESS		1	PC			HC094	
7900	304017008079	BOLT HEX		1	PC	12,370 G		M 8 X 20	ISO4017
7950	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125
8000	5241534640	BRACKET L H:30 SENSOR E	4000	1	PC	46 G			
8050	204017012004	HEX SCREW		1	PC	29,600 G		M 12 X 20	ISO4017
8100	000125013012	WASHER		1	PC	5,320 G		MN A 13	DIN125
8200	5225460043	BRACKET L H:49	12/16V2000SG	1	PC				

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
8250	304017008081	HEX BOLT		1	PC	13,500 G		M 8 X 25	ISO4017
8300	000125008427	WASHER		1	PC	1,500 G		A 8,4	DIN125
8320	304017008079	BOLT HEX		1	PC	12,370 G		M 8 X 20	ISO4017
8400	X59650700018	RETAINER F. WIRING HARNESS		2	PC	200 G			
8420	304017008079	BOLT HEX		2	PC	12,370 G		M 8 X 20	ISO4017
8450	000125008427	WASHER		2	PC	1,500 G		A 8,4	DIN125
8500	0001596540	CLAMP CABLE DN17		2	PC	1,900 G		DN17	
8550	5241538440	BRACKET		2	PC			SB	
8560	X54750700009	CABLE CLAMP		2	PC	10 G		DN26	
8570	304017008079	BOLT HEX		2	PC	12,370 G		M 8 X 20	ISO4017
8580	007349008002	WASHER		2	PC	8,300 G		8,4	DIN7349
8650	5241506273	RETAINER F. WIRING HARNESS	4000	8	PC	47,500 G		HC031	
8700	5241503070	RETAINER F. WIRING HARNESS		1	PC	9,300 G		BC007	
8750	0001596440	CLAMP CABLE DN10		1	PC	1,200 G		DN10	
8800	X59450700011	BRACKET WIRING HARNESS		1	PC	57 G			
9150	5241505873	RETAINER F. WIRING HARNESS	4000	1	PC	32,900 G	P	HC016	
9170	5315460443	BRACKET H:41 S2000/S4000	8V2000M90	1	PC	65,500 G			
9200	X00012556	RETAINER F. WIRING HARNESS		1	PC				
9220	304017008084	BOLT HEX A3C		1	PC	16,565 G		M 8 X 35	ISO4017
9300	5241503070	RETAINER F. WIRING HARNESS		1	PC	9,300 G		BC007	
9350	X59450700011	BRACKET WIRING HARNESS		1	PC	57 G			
9400	0001596440	CLAMP CABLE DN10		1	PC	1,200 G		DN10	
9450	X59450700011	BRACKET WIRING HARNESS		1	PC	57 G			
9500	000000003020	BOLT HEX A3C		1	PC	20,010 G		M 10 X 20	ISO4017
9550	000125010524	WASHER		1	PC	3,100 G		A 10,5	DIN125
9620	5241506273	RETAINER F. WIRING HARNESS	4000	8	PC	47,500 G		HC031	
9640	5241503070	RETAINER F. WIRING HARNESS		1	PC	9,300 G		BC007	
9660	X59450700011	BRACKET WIRING HARNESS		1	PC	57 G			
9680	0001596440	CLAMP CABLE DN10		1	PC	1,200 G		DN10	
9700	X59450700011	BRACKET WIRING HARNESS		1	PC	57 G			
9720	000000003347	BOLT HEX A3C		1	PC	39 G		M 10 X 55	ISO4017
9740	000125010524	WASHER		1	PC	3,100 G		A 10,5	DIN125
9780	0001596440	CLAMP CABLE DN10		1	PC	1,200 G		DN10	
9800	X59450700011	BRACKET WIRING HARNESS		1	PC	57 G			
9820	5241503070	RETAINER F. WIRING HARNESS		1	PC	9,300 G		BC007	
9840	5241506473	RETAINER F. WIRING HARNESS	4000	3	PC	40 G		HC034	
9850	000000003347	BOLT HEX A3C		2	PC	39 G		M 10 X 55	ISO4017
9855	000000003020	BOLT HEX A3C		1	PC	20,010 G		M 10 X 20	ISO4017
9860	000125010524	WASHER		3	PC	3,100 G		A 10,5	DIN125
9870	5225460043	BRACKET L H:49	12/16V2000SG	2	PC				
9875	5241505873	RETAINER F. WIRING HARNESS	4000	1	PC	32,900 G	P	HC016	
9878	5241503373	RETAINER F. WIRING HARNESS	BR4000	1	PC	45 G		HC042	
9900	0005312181	QUICK-CATCH CLAMP	TYH/TYB 25M	22	PC	1 G		186X4,8X1,1MM D=3,5-45MM	
9940	0005335043	BRACKET		36	PC	1,800 G		BUEGEL FUER HALTER DN10	
9960	0005334943	BRACKET CABLING AND PIPEWOR		32	PC	2,900 G		BUEGEL FUER HALTER DN17	
9980	X52650700040	BRACKET		30	PC			BUEGEL DN26	



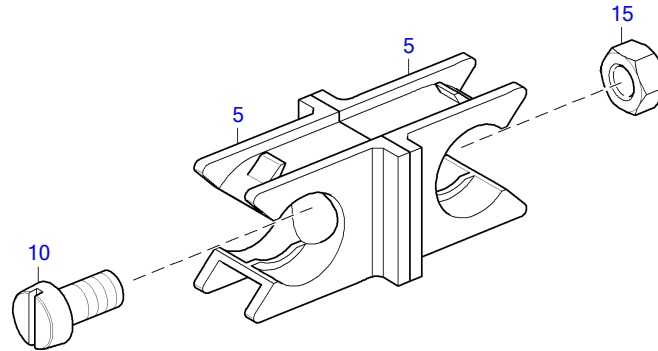
50801539

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
5	0015331840	RETAINER CABLING AND PIPEWOR	1	PC	3,110 G	ROHRCKLIP DN10	
10	0015331940	RETAINER CABLING AND PIPEWOR	1	PC	5,650 G	ROHRCKLIP DN17	
15	200084005107	BOLT SLOTTED HD GELB CHROMAT	1	PC	2,400 G	M 5 X 10	DIN84
20	007349005002	WASHER	1	PC		5,3	DIN7349
25	000934005004	NUT HEX	1	PC	1,100 G	M 5	DIN934



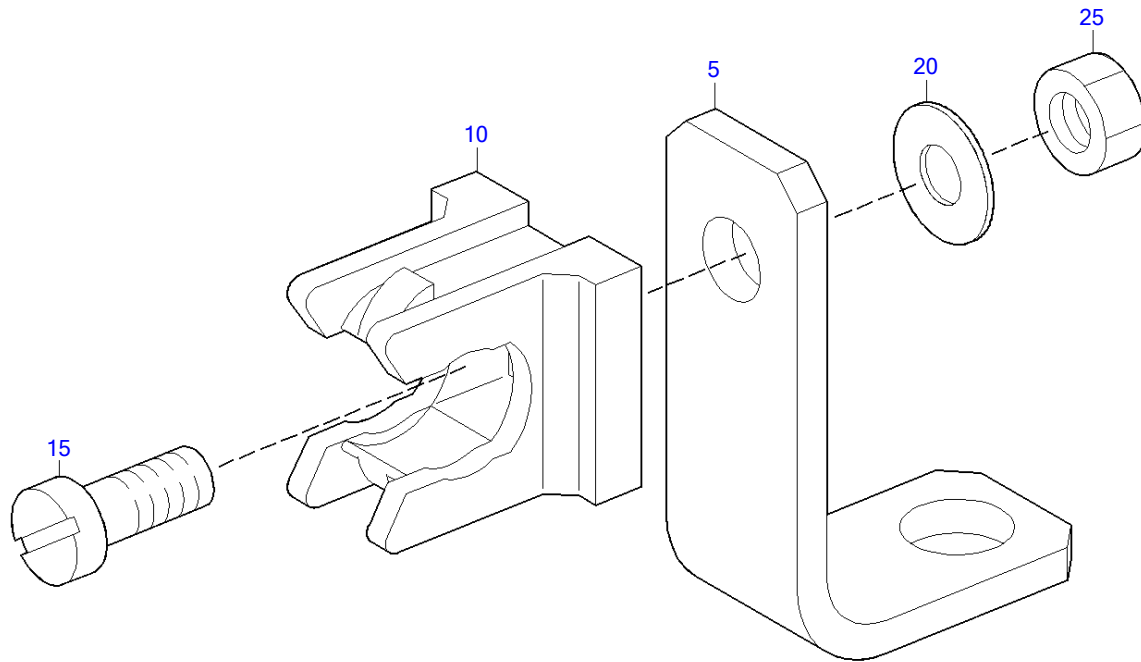
50801537

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
5	8381594840	RETAINER	1	PC			
10	0015331840	RETAINER CABLING AND PIPEWOR	1	PC	3,110 G	ROHRCKLIP DN10	
15	000084005196	SCREW	1	PC	2,670 G	M 5 X 12	DIN84
20	007349005002	WASHER	1	PC		5,3	DIN7349
25	000934005004	NUT HEX	1	PC	1,100 G	M 5	DIN934



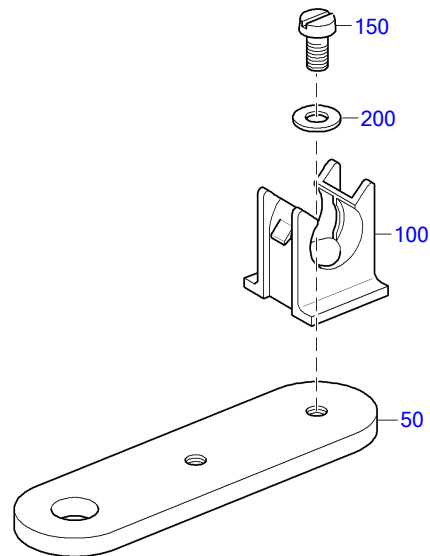
50801542

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
5	0015331840	RETAINER CABLING AND PIPEWOR	2	PC	3,110 G	ROHRCKLIP DN10	
10	200084005107	BOLT SLOTTED HD GELB CHROMAT	1	PC	2,400 G	M 5 X 10	DIN84
15	000934005004	NUT HEX	1	PC	1,100 G	M 5	DIN934



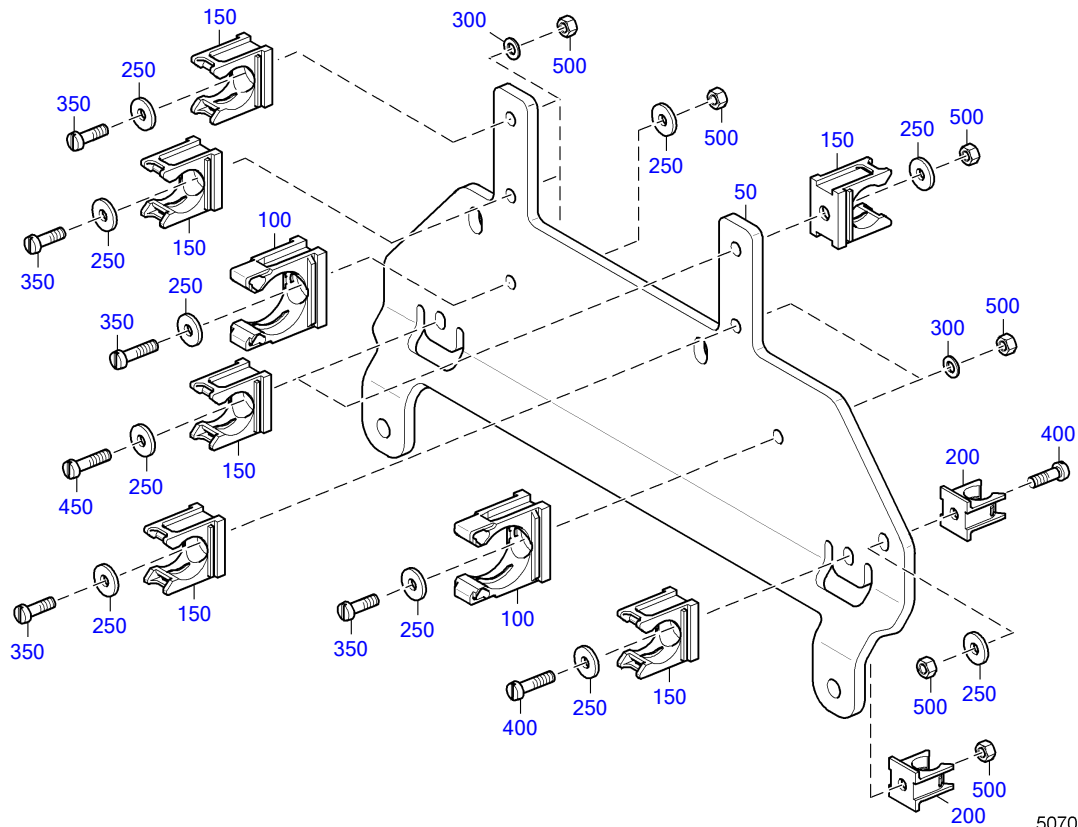
08300289a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
5	5621531140	BRACKET L H:24 S4000 S2000	1	PC	21,710 G		
10	0015331840	RETAINER CABLING AND PIPEWOR	1	PC	3,110 G	ROHRCKLIP DN10	
15	000084005196	SCREW	1	PC	2,670 G	M 5 X 12	DIN84
20	007349005002	WASHER	1	PC		5,3	DIN7349
25	000934005004	NUT HEX	1	PC	1,100 G	M 5	DIN934



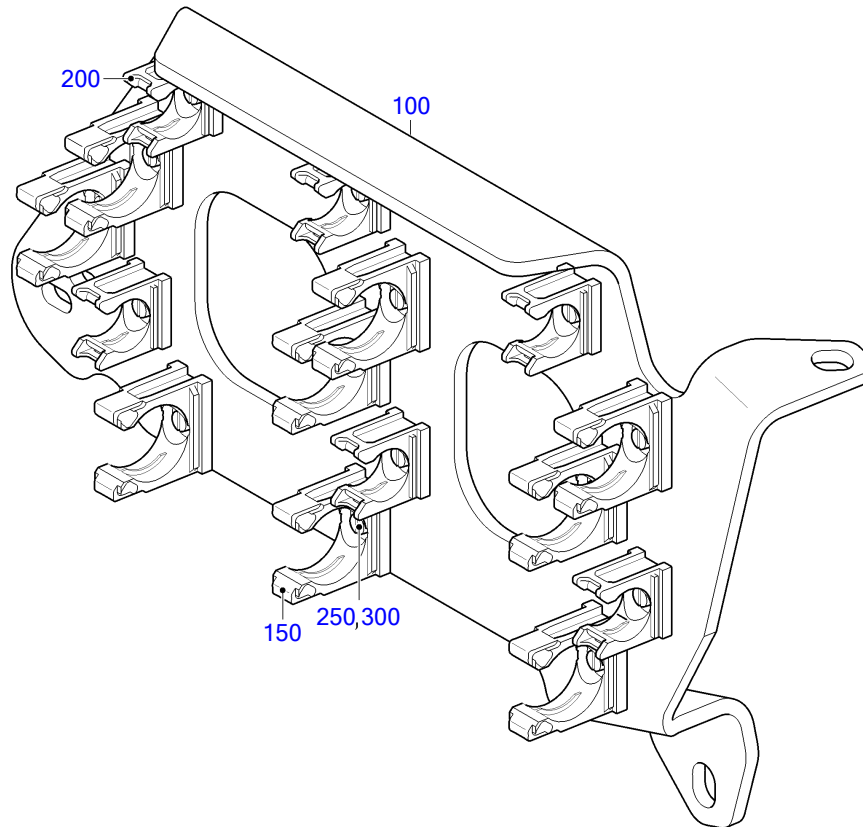
50702399a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	5061537040	BRACKET FLAT H:47	1	PC	51 G		
100	0015331840	RETAINER CABLING AND PIPEWOR	1	PC	3,110 G	ROHRCKLIP DN10	
150	000084004410	SCREW	1	PC	1,230 G	M 4 X 8	DIN84
200	000125004317	WASHER	1	PC	0,330 G	A 4,3	DIN125



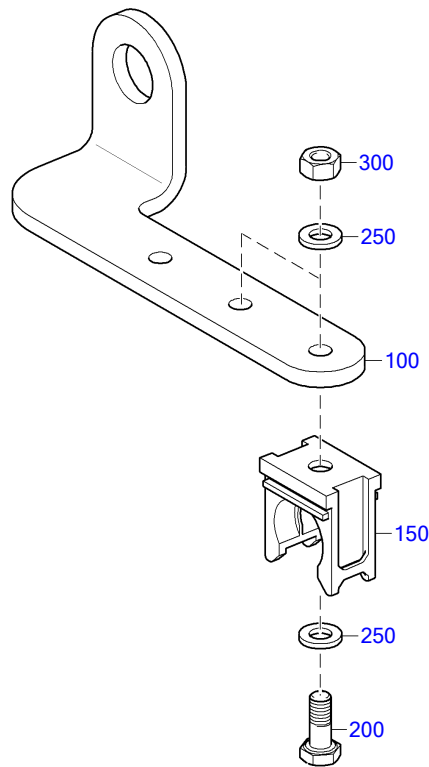
50702794

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	X59350700013	RETAINER	1	PC	1,940 KG		
100	X52650700039	CABLE CLAMP	3	PC	9 G	ROHRCLIP DN26	
150	0015331940	RETAINER CABLING AND PIPEWOR	5	PC	5,650 G	ROHRCLIP DN17	
200	0015331840	RETAINER CABLING AND PIPEWOR	3	PC	3,110 G	ROHRCKLIP DN10	
250	209021005000	WASHER	8	PC	1,100 G	5,3	DIN9021
300	000125005322	WASHER	7	PC	0,400 G	A 5,3	DIN125
350	304017005025	BOLT HEX A3C	6	PC		M 5 X 16	ISO4017
400	000912005026	BOLT HEX SOC HD	2	PC	3,690 G	M 5 X 16	DIN912
450	000912005010	SCREW	1	PC	3,700 G	M 5 X 18	DIN912
500	304032005008	HEX NUT	9	PC		M 5	ISO4032



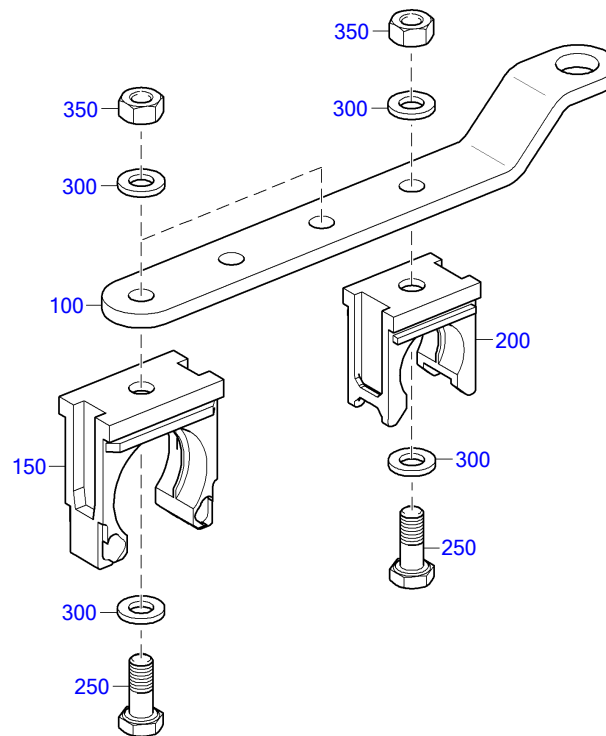
50001174a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
100	X59699100061	RETAINER F. WIRING HARNESS	1	PC	3,300 KG		
150	X52650700039	CABLE CLAMP	9	PC	9 G	ROHRCLIP DN26	
200	0015331940	RETAINER CABLING AND PIPEWOR	6	PC	5,650 G	ROHRCLIP DN17	
250	007349005002	WASHER	15	PC		5,3	DIN7349
300	000084005196	SCREW	15	PC	2,670 G	M 5 X 12	DIN84



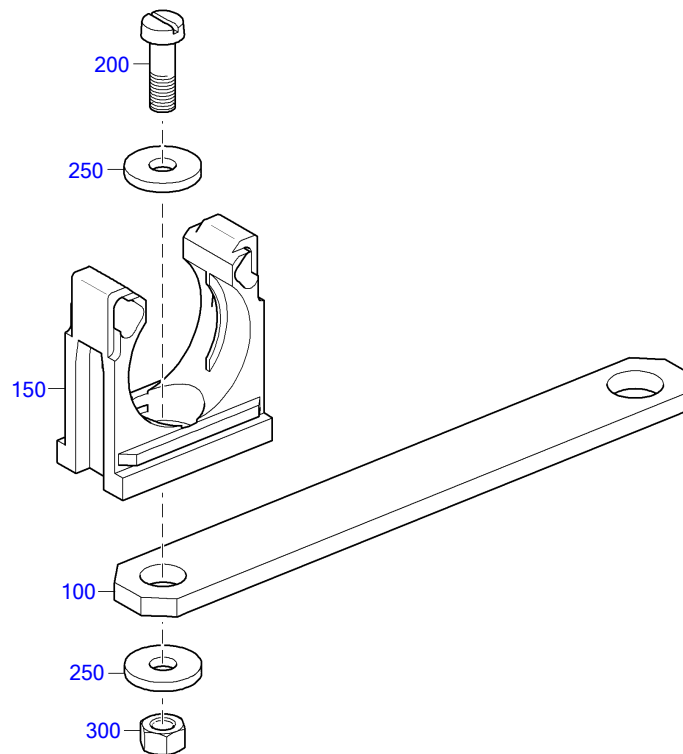
50702405a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
100	X00032376	BRACKET	1	PC	201,500 G		
150	0015331940	RETAINER CABLING AND PIPEWOR	2	PC	5,650 G	ROHRCLIP DN17	
200	00000003387	BOLT HEX	2	PC	5 G	M 6 X 16	ISO4017
250	000125006431	WASHER	4	PC	0,900 G	A 6,4	DIN125
300	304032006011	HEX NUT	2	PC	2,300 G	M 6	ISO4032



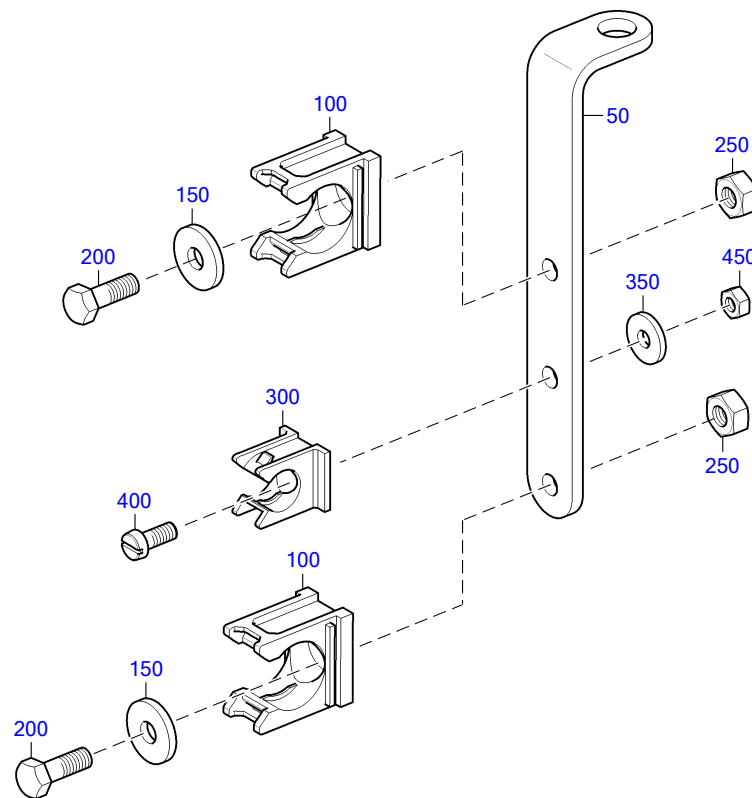
50702404a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
100	X59499100415	RETAINER	1	PC			
150	X52650700039	CABLE CLAMP	2	PC	9 G	ROHRCLIP DN26	
200	0015331940	RETAINER CABLING AND PIPEWOR	1	PC	5,650 G	ROHRCLIP DN17	
250	00000003387	BOLT HEX	3	PC	5 G	M 6 X 16	ISO4017
300	000125006431	WASHER	6	PC	0,900 G	A 6,4	DIN125
350	304032006011	HEX NUT	3	PC	2,300 G	M 6	ISO4032



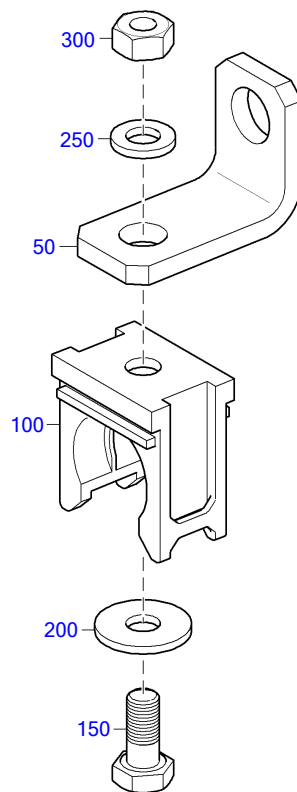
50702403a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
100	5530720338	BRACKET FLAT W/45 DEG CHAMF H:64	1	PC	71,300 G		
150	X52650700039	CABLE CLAMP	1	PC	9 G	ROHRCLIP DN26	
200	000084005194	SCREW	1	PC	3,060 G	M 5 X 16	DIN84
250	007349005002	WASHER	2	PC		5,3	DIN7349
300	304032005008	HEX NUT	1	PC		M 5	ISO4032



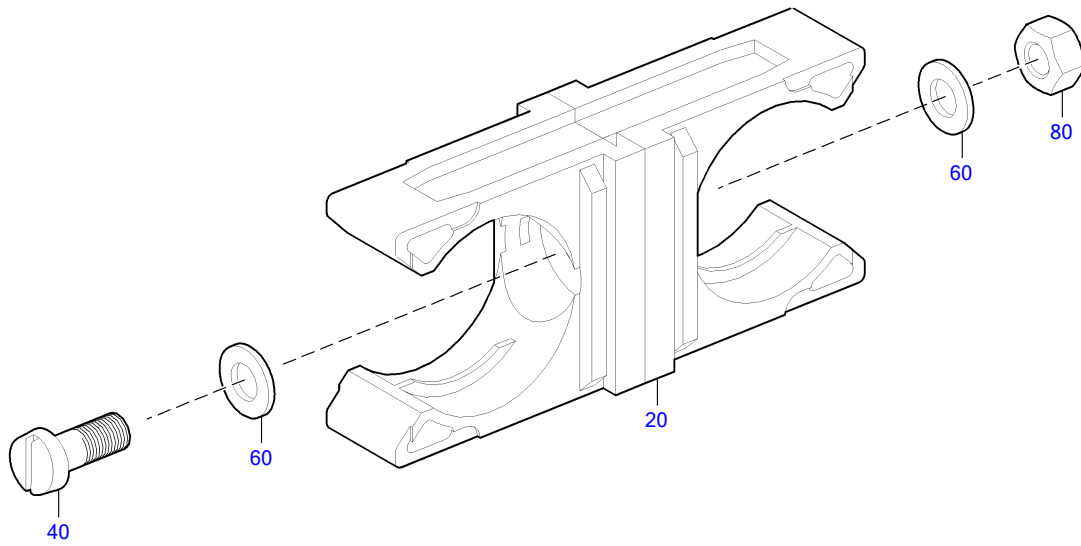
50702793

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	5241534440	BRACKET L.H:40	4000	1	PC	101 G		
100	0015331940	RETAINER CABLING AND PIPEWOR		2	PC	5,650 G	ROHRCLIP DN17	
150	000125006431	WASHER		2	PC	0,900 G	A 6,4	DIN125
200	000000003387	BOLT HEX		2	PC	5 G	M 6 X 16	ISO4017
250	304032006011	HEX NUT		2	PC	2,300 G	M 6	ISO4032
300	0015331840	RETAINER CABLING AND PIPEWOR		1	PC	3,110 G	ROHRCKLIP DN10	
350	007349005002	WASHER		1	PC		5,3	DIN7349
400	000084005194	SCREW		1	PC	3,060 G	M 5 X 16	DIN84
450	304032005008	HEX NUT		1	PC		M 5	ISO4032



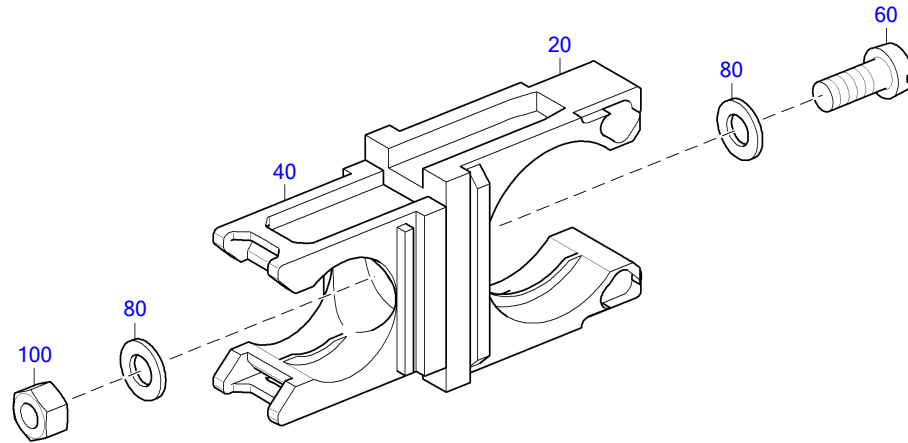
50703153

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	5901751641	BRACKET L H:22	1	PC	31 G		
100	0015331940	RETAINER CABLING AND PIPEWOR	1	PC	5,650 G	ROHRCLIP DN17	
150	000933006207	BOLT HEX	1	PC	5,100 G	M 6 X 14	DIN933
200	000125006431	WASHER	1	PC	0,900 G	A 6,4	DIN125
250	009021006103	WASHER	1	PC	2,520 G	A 6,4	DIN9021
300	000934006006	NUT HEX	1	PC	2,230 G	M 6	DIN934



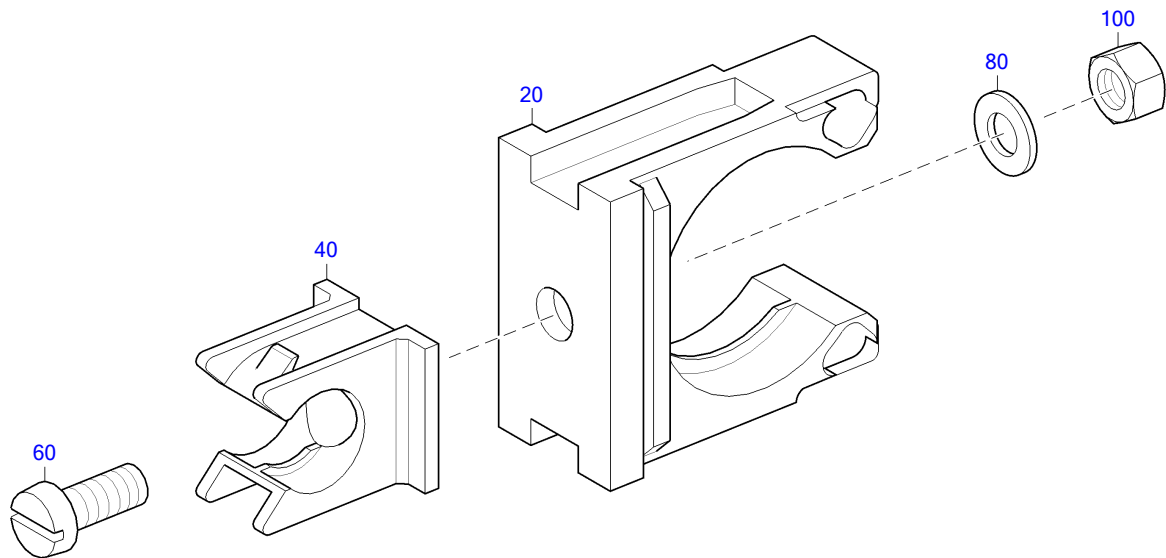
50001017a

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
20	X52650700039	CABLE CLAMP	2	PC	9 G	ROHRCLIP DN26	
40	304017006058	BOLT HEX A3C	1	PC	4,400 G	M 6 X 12	ISO4017
60	000125006431	WASHER	2	PC	0,900 G	A 6,4	DIN125
80	304032006011	HEX NUT	1	PC	2,300 G	M 6	ISO4032



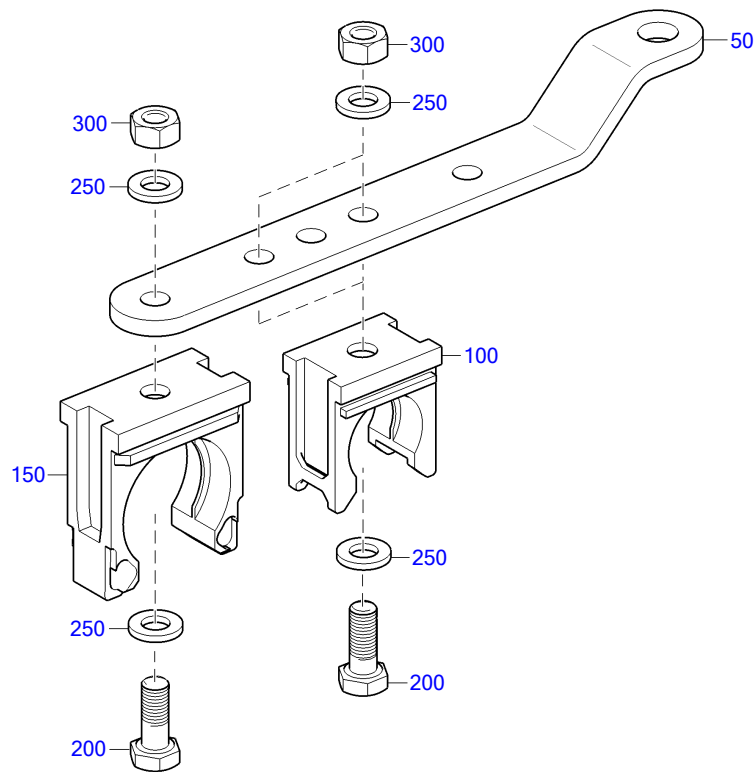
50801541

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
20	X52650700039	CABLE CLAMP	1	PC	9 G	ROHRLIP DN26	
40	0015331940	RETAINER CABLING AND PIPEWOR	1	PC	5,650 G	ROHRLIP DN17	
60	000084005196	SCREW	1	PC	2,670 G	M 5 X 12	DIN84
80	000125005322	WASHER	2	PC	0,400 G	A 5,3	DIN125
100	304032005008	HEX NUT	1	PC		M 5	ISO4032



50702297a

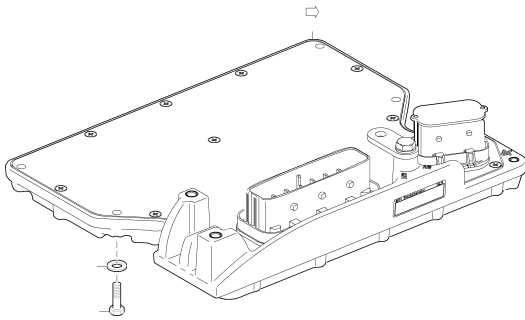
POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
20	X52650700039	CABLE CLAMP	1	PC	9 G	ROHRCLIP DN26	
40	0015331840	RETAINER CABLING AND PIPEWOR	1	PC	3,110 G	ROHRCKLIP DN10	
60	000084005196	SCREW	1	PC	2,670 G	M 5 X 12	DIN84
80	000125005322	WASHER	1	PC	0,400 G	A 5,3	DIN125
100	304032005008	HEX NUT	1	PC		M 5	ISO4032



50702203a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	5241533040	BRACKET OFFSET H:15 MARINE	4000	1	PC	94,500 G		
100	0015331940	RETAINER CABLING AND PIPEWOR		2	PC	5,650 G	ROHRCLIP DN17	
150	X52650700039	CABLE CLAMP		1	PC	9 G	ROHRCLIP DN26	
200	000000003387	BOLT HEX		3	PC	5 G	M 6 X 16	ISO4017
250	000125006431	WASHER		6	PC	0,900 G	A 6,4	DIN125
300	304032006011	HEX NUT		3	PC	2,300 G	M 6	ISO4032

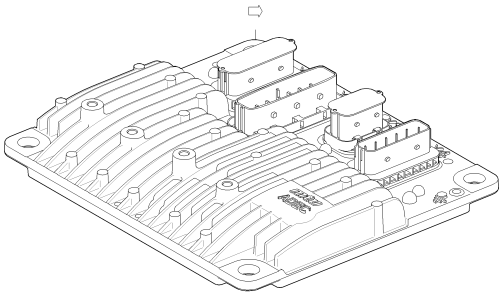
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GROUP NAME
BOM-No.



50702740

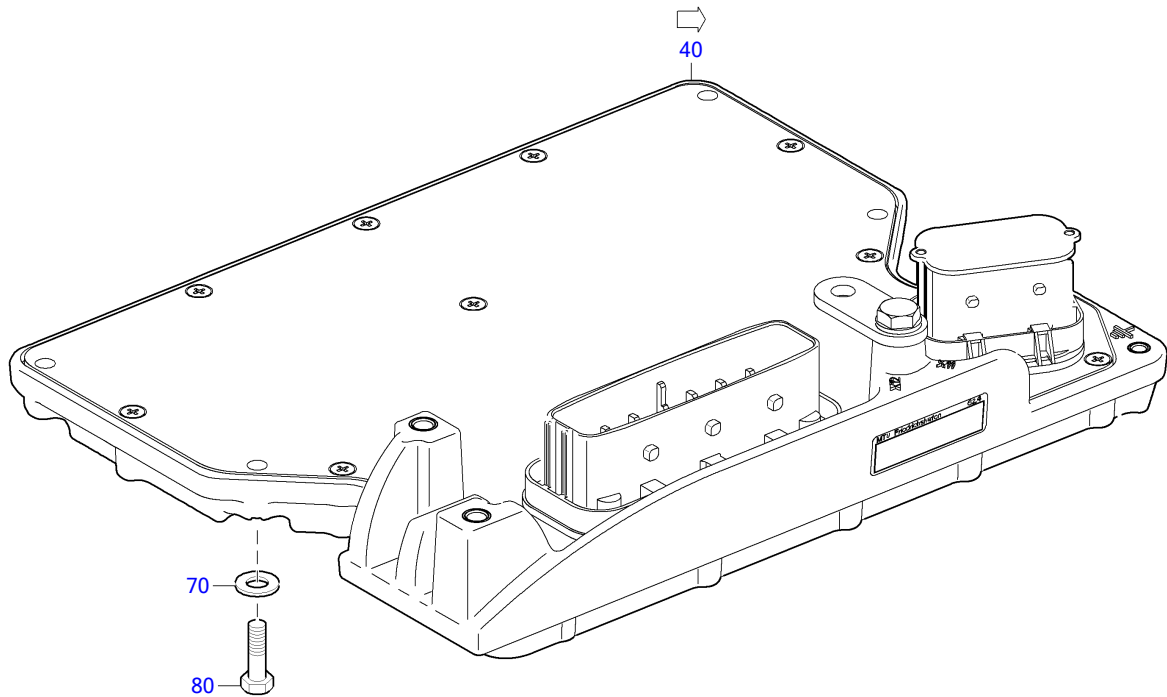
ENGINE MONITOR IN HOUSING
XS00E500.01398

RETAINER F. WIRING HARNESS
XS593500.00021



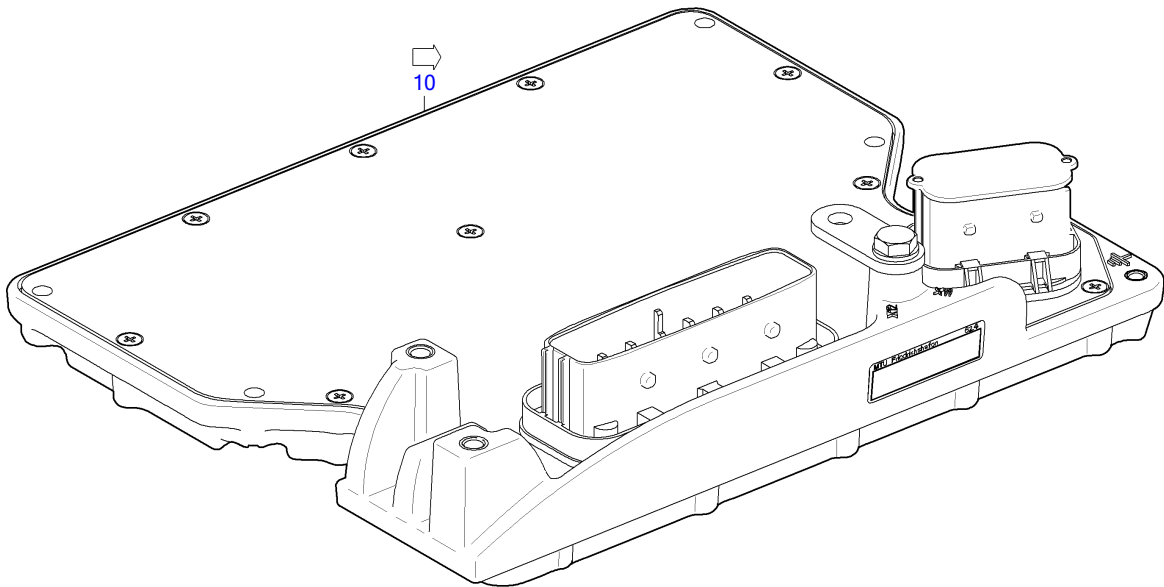
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GOVERNOR F/MONTRG SYST + GOV
X00043550



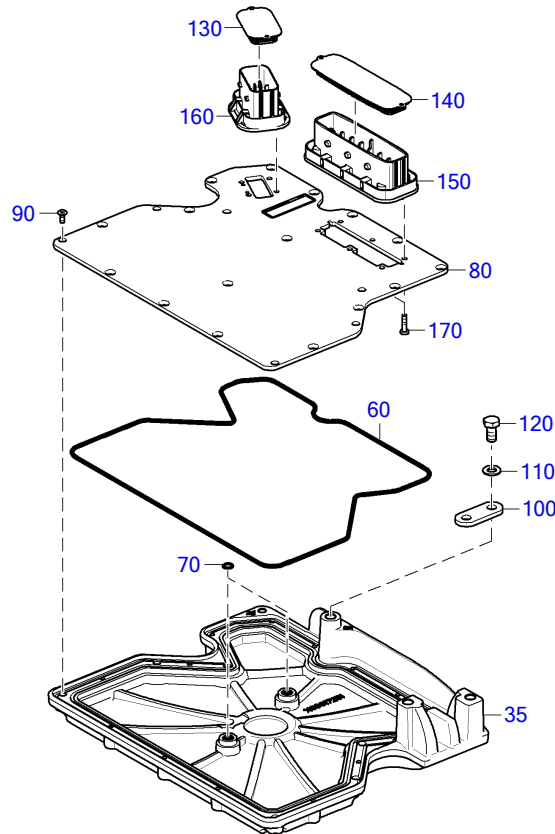
50702740

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
40	X00E50206654	ENGINE MONITORING	EMU8-02 / URL	1	PC	3,460 KG	EMU8-02 MIT URLADER 25MHZ	
70	000125006431	WASHER		6	PC	0,900 G	A 6,4	DIN125
80	304017006066	BOLT HEX A3C		6	PC	8,970 G	M 6 X 35	ISO4017



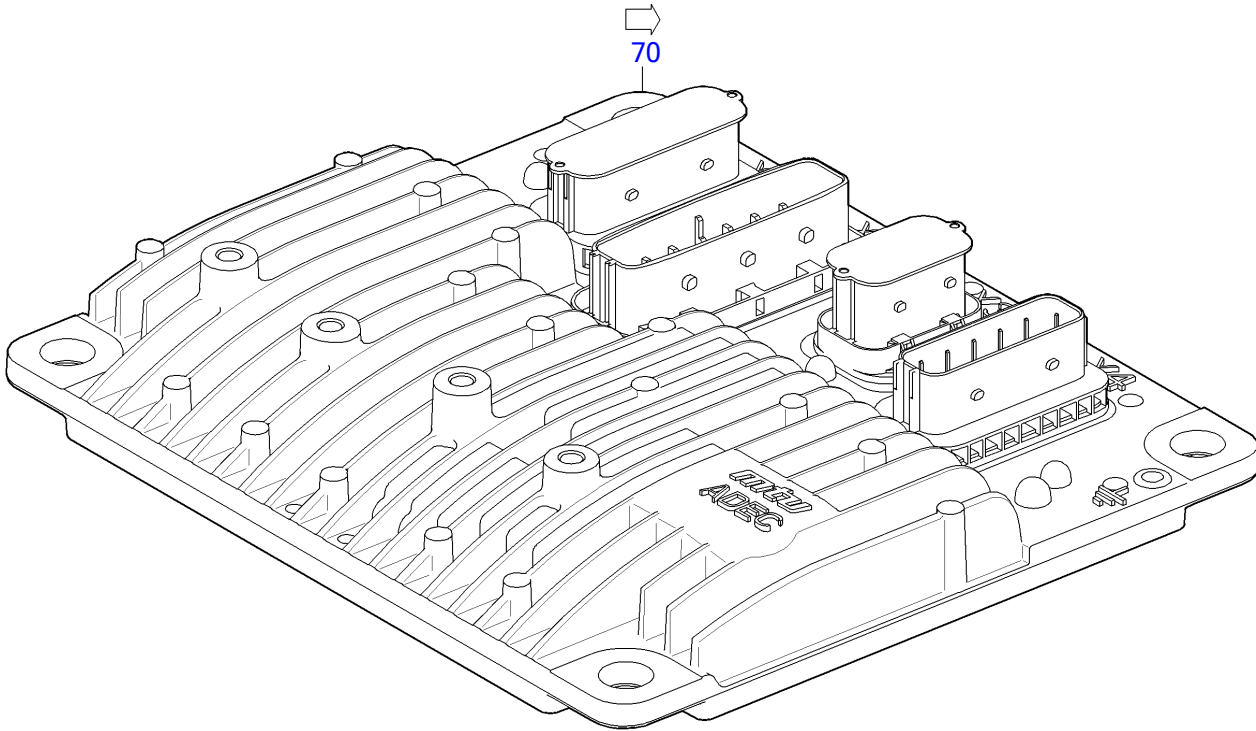
50702411a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	MEASUREMENT
10	X00E50206653	HOUSING	EMU7-03	1	PC	EMU7-03



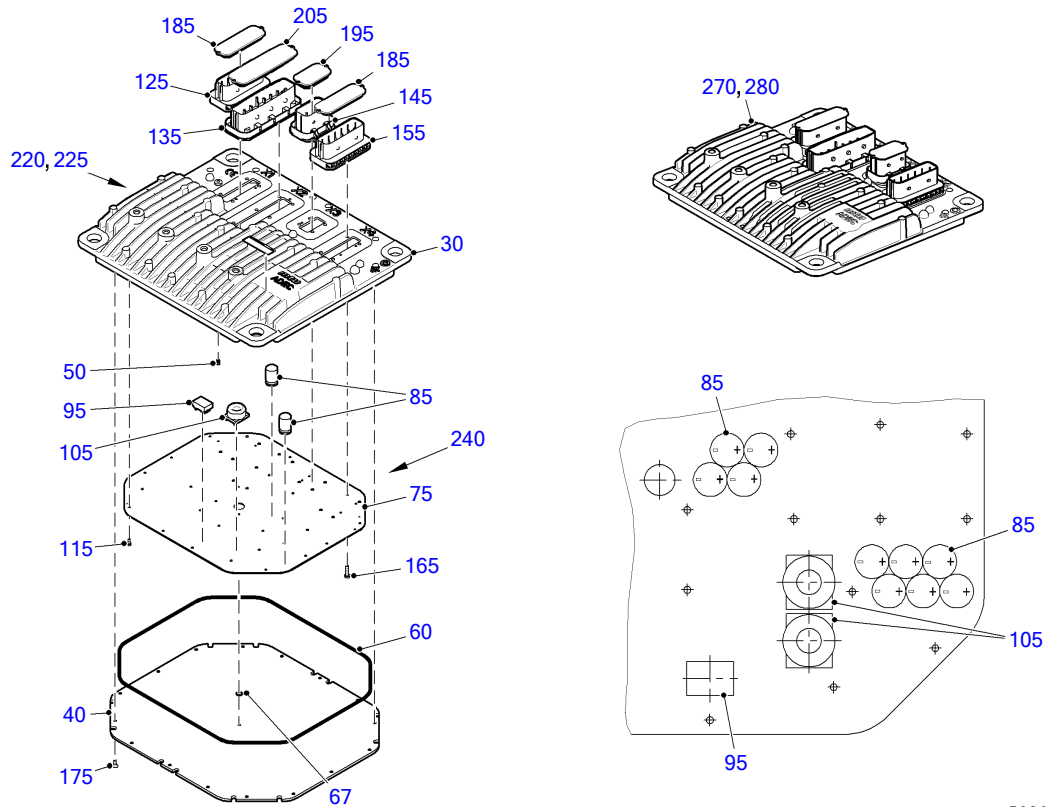
50702410a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
35		HOUSING F/EXH TEMP MEASUREM	EMU 7	1	PC	0,550 KG	KE	314X257X62	
60	700429329000	O-RING		1	PC	15 G		329 X 3	MMN429
70	700429007001	O-RING		2	PC	2 G		7 X 1,5	MMN429
80	X00E50208018	PLUG-IN BOARD SMD	EME3-04 SMD	1	PC			EME3-04	
90	X00E50200962	COUNTERSUNK HD SCREW	M4X10/DN7500	16	PC	1 G		DIN7500 M4X10-ST-T10	
100	X00019483	RETAINER	EMU 7	1	PC	24,900 G	AB	(50) 30X20X4MM	
110	200125008400	WASHER		1	PC	1,500 G		A 8,4	DIN125
120	304017008072	HEX SCREW		1	PC	11 G		M 8 X 16	ISO4017
130	X00010310	DUST CAP W/MALE CONNECTOR	MCP 21 POL.	1	PC	10,500 G		FUER AMP- BUCHSENGEHAEUSE 21POL	
140	X00010316	DUST CAP FOR CONNECTOR	STAUBKAPPE MCP 92 POL.	1	PC	2 G		FUER AMP- BUCHSENGEHAEUSE 92POL	
150		BLADE CONNECTOR	92 POL.	1	PC	76,600 G	KE	92 POL.; KODIERUNG: B-B;	
160	X00012748	BLADE CONNECTOR	21 POL.	1	PC	41 G	UB	21 POL., KODIERUNG: B	
170	000000003617	SLOT PAN-HEAD SCREW		10	PC			4 X 16	MBN10266



50800198d

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	FN	MEASUREMENT
70	X00E50209162	ECS	ECU7-05/B	1	PC	EM	ECU7-05/B; 360X314X95 (LXBXH)



50801468

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
30	X00002024	HOUSING	ECU 7-02	1	PC	3,560 KG	AB	360X314X60	
40	5015331436	PLATE FOR GOVERNOR	ECU 7-01	1	PC			BLECH 4X309X355	
50	X00009560	LIGHT LADDER WITH O-RING		1	PC	0,150 G			
60	700429338000	O-RING		1	PC	16,400 G		338 X 3	MMN429
67	700429007001	O-RING		1	PC	2 G		7 X 1,5	MMN429
75	X00E50209159	PLUG-IN BOARD SMD	ECB11-05/A SMD	1	PC			ECB11-05/A SMD	
85	0065315725	CAPACITOR	ELKO ALSIC145 680UF 63V	10	PC			ELKO 680UF, 63V, 20%	
95	0005327956	TRANSFORMER	EVD15	1	PC			LP44UH, UE0-50V, W1=28, W2=19WX=8	
105	0005318954	REACTOR	SDR 4,3-0,034	2	PC			LI+LII=35UH +/-15%, I=4,4A,	
115	000000003652	TORX SCREW		23	PC	0,700 G		M3 GF X 8	MBN10226
125	0025318185	BLADE CONNECTOR	46 POL.	1	PC			GERADE, 3-REIHIG, CODIERUNG:A	
135	0025318685	BLADE CONNECTOR	92POL. MESSERLEISTE MCP	1	PC	60 G		GERADE, 4-REIHIG, CODIERUNG:A	
145	0025318585	BLADE CONNECTOR	21 POL.	1	PC			GERADE, 3-REIHIG, CODIERUNG:A	
155	0025318285	BLADE CONNECTOR	46 POL.	1	PC			GERADE, 3-REIHIG, CODIERUNG:B	
165	000000003617	SLOT PAN-HEAD SCREW		18	PC			4 X 16	MBN10266
175	X00E50200962	COUNTERSUNK HD SCREW	M4X10/DN7500	17	PC	1 G		DIN7500 M4X10-ST-T10	
185	X00010313	DUST CAP FOR CONNECTOR	MCP 46 POL.	2	PC	13,500 G		FUER AMP-BUCHSENGEHAEUSE 21POL	
195	X00010310	DUST CAP W/MALE CONNECTOR	MCP 21 POL.	1	PC	10,500 G		FUER AMP-BUCHSENGEHAEUSE 21POL	

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S

SERIAL NUMBER: 527110279

ECS

FG/FGS:

BOM-No.: X00E50209162

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
205	X00010316	DUST CAP FOR CONNECTOR	STAUBKAPPE MCP 92 POL.	1	PC	2 G		FUER AMP- BUCHSENGEHAEUSE 92POL	
220	X00030227	SOFTWARE	ECU7_URLADER2_00	1	PC		KF	ECU7/URLADER 2_00	
225	X00E50205465	SOFTWARE	ECU_7-05/FIRMWARE/ED_1_05	1	PC		KF		
240	X00009977	2-COMP. SILIC.RUBBER	KARTUSCHE 330 ML	1	PC			ELASTOSIL SG 500 A/B	
270	X00E50209162/77	GOVERNOR PROGRAMMED	ECU7-05/B	1	PC		AB KF EM	ECU7-05/B; 360X314X95;	
280	X00E50209162/76	ECS NOT ADJUSTED	ECU7-05/B	1	PC		EM	ECU7-05/B; 360X314X95	

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000M23S
RETAINER F. WIRING HARNESS

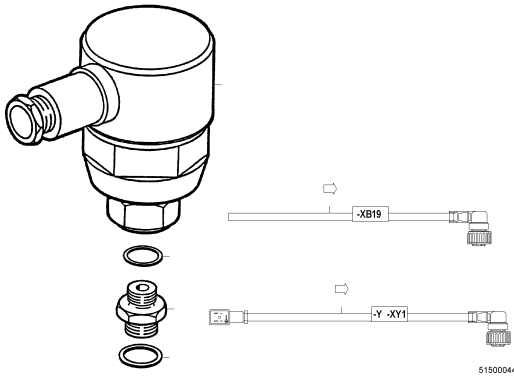
SERIAL NUMBER: 527110279

FG/FGS: 508 82

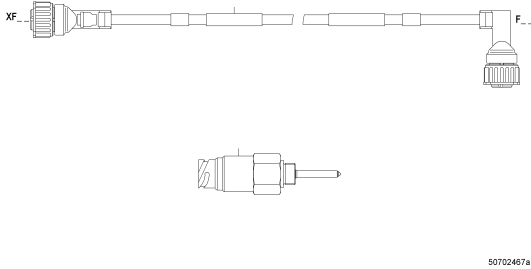
BOM-No.: XS593500.00021

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
60	X59320200060	RETAINER	1	PC			
90	000000003021	HEX SCREW	3	PC	23,700 G	M 10 X 25	ISO4017
120	007349010002	WASHER	3	PC	11 G	10,5	DIN7349

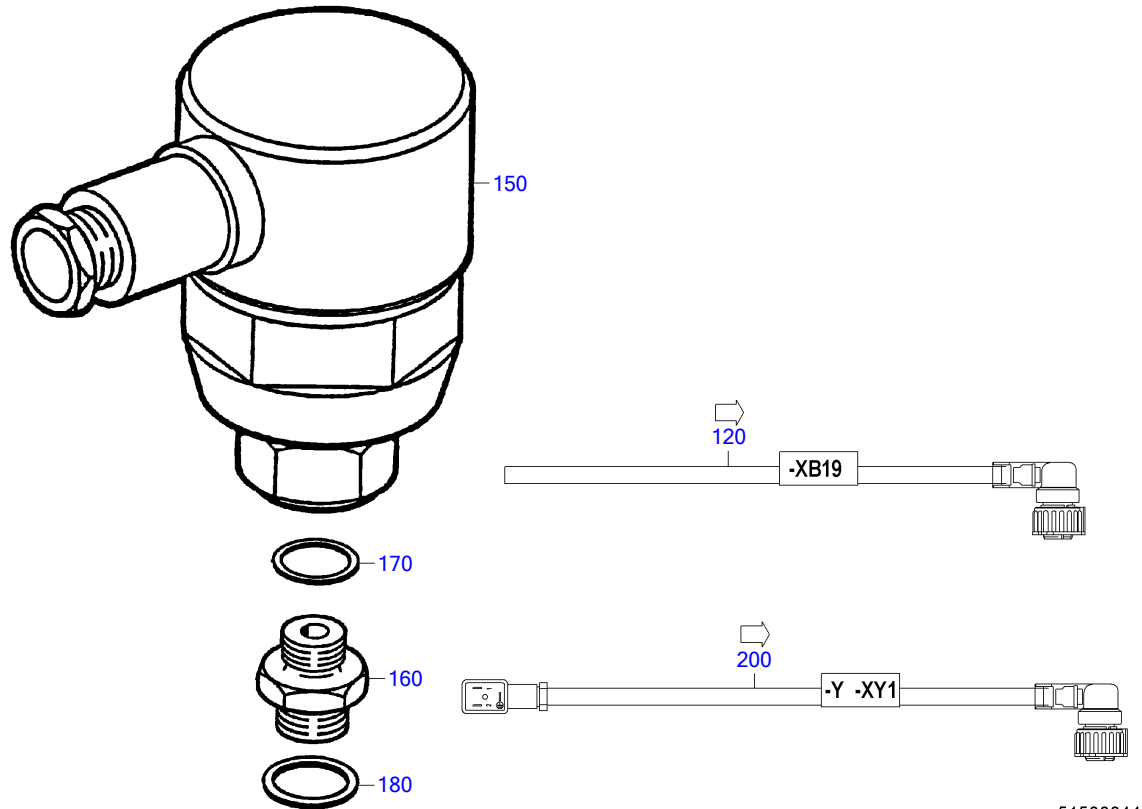
GROUP NUMBER (FG)
GROUP NAME
BOM-No.



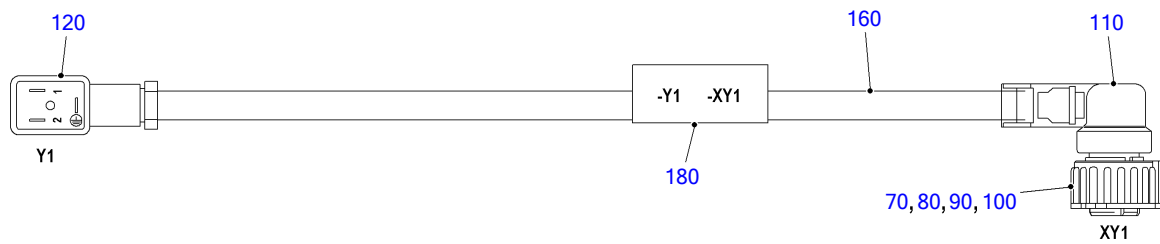
AIR PRESSURE MONITOR WITH CABLE
XS00E500.01395



LEVEL SENSOR FOR COOLANT SYSTEM
XS00E500.01397

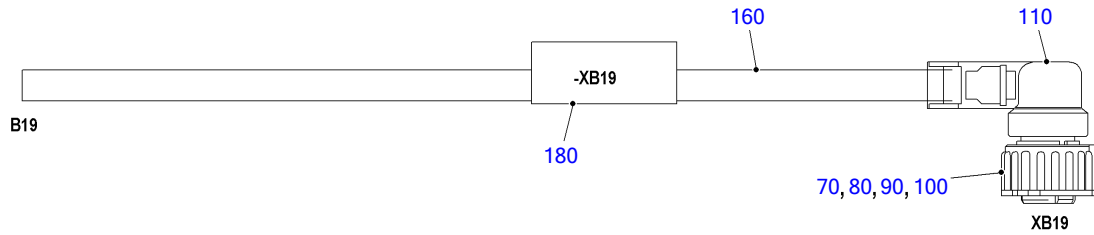


POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
120	X00E50206357	CONNECTING CABLE FOR AIR START	BR4000M23-M63	1	PC	700 G		10M, EINSEITIG STECKER	
150	0055351531	PRESSURE SENSOR	50 BAR RELATIV	1	PC	429,500 G	AB	50 BAR RELATIV	
160	28399972172/0	UNION AIR STARTER		1	PC	35,100 G			
170	705057013000	RING SEALING A13 X18 CU		1	PC	1,300 G		A 13 X 18	DIN7603
180	007603018101	COPPER SEALING RING		1	PC	1,300 G		A 18 X 22	DIN7603
200	X00E50205179	CONNECTING CABLE FOR AIR START	BR4000M23-M63	1	PC	400 G		5M XY1.X-Y01	



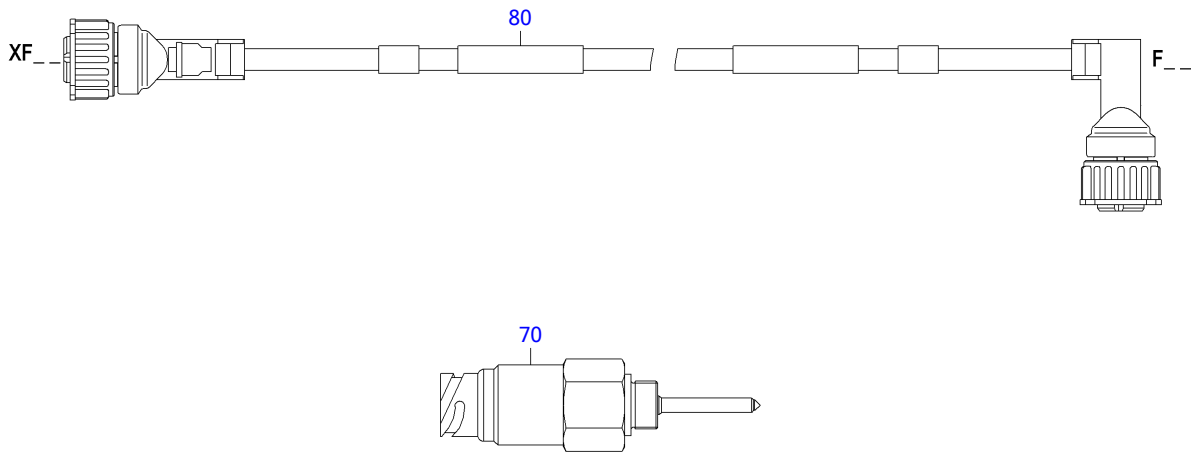
50702742

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
70	0165313283	MALE CONNECTOR	STECKER F. BU-KONTAKTE 2,5MM	1	PC	11,500 G	4POL. CODE 1 / DIN 72585	
80	0165313383	FEMALE CONTACT		2	PC	0,200 G	0,5-1,0 MM ² / D=2,5MM	
90	0165313483	SINGLE-CORE INSUL		2	PC	0,100 G	1,2-2,0 MM / D2,5MM	
100	0165313583	BLANKING PLUG	BLINDSTOPFEN	2	PC	0,100 G	SYSTEM 2,5MM / 2,8MM	
110	0165317383	CAP	STECKERKAPPE / WELLROHRADAPTER	1	PC	7 G	AB 90 GRAD / VAR. KLEMMUNG	
120	X00E50206519	MALE CONNECTOR FOR SOLENOID VALVE	2+PE POL.	1	PC		BUCHSE-STECKER, 2+PE POL	
160	0105311580	CABLE	1X2X0,75	5	M		AB 1X2X0,75 QMM	
180		IDENTIFICATION PLATE	ELAT	2	PC		KE 47X135MM, BEDRUCKBAR 47X25MM	



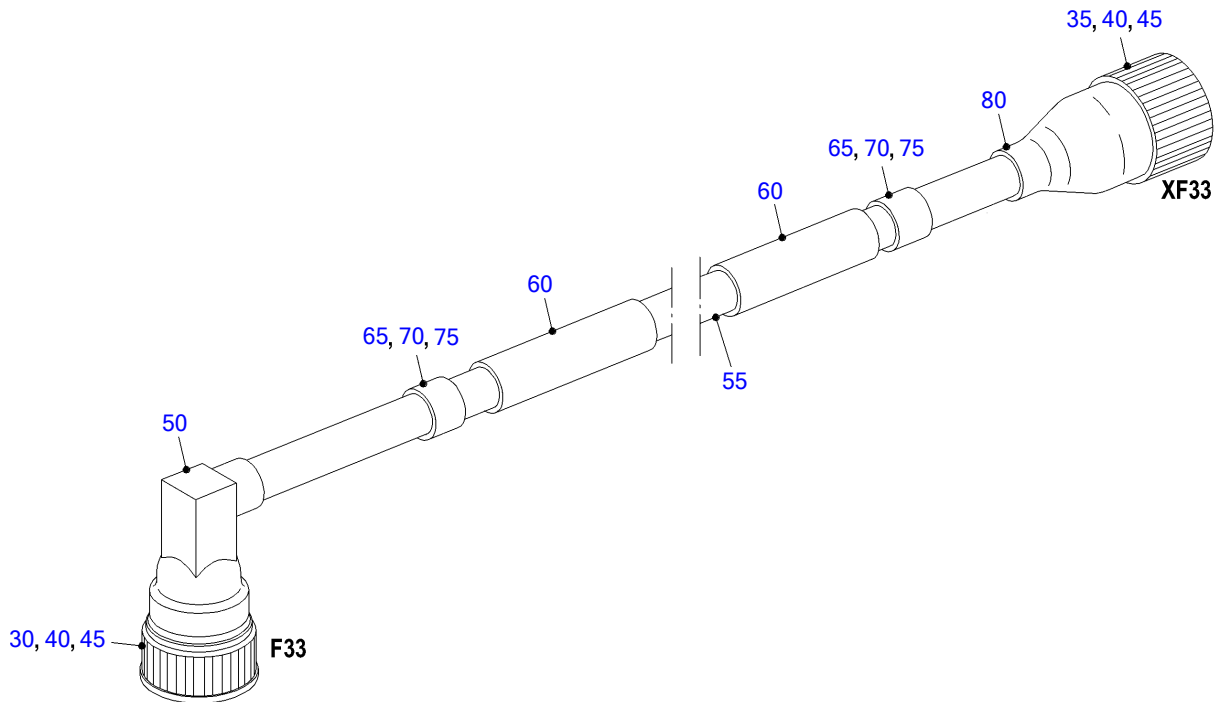
50702741

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
70	0165313283	MALE CONNECTOR	STECKER F. BU-KONTAKTE 2,5MM	1	PC	11,500 G	4POL.	CODE 1 / DIN 72585
80	0165313383	FEMALE CONTACT		2	PC	0,200 G		0,5-1,0 MM ² / D=2,5MM
90	0165313483	SINGLE-CORE INSUL		2	PC	0,100 G		1,2-2,0 MM / D2,5MM
100	0165313583	BLANKING PLUG	BLINDSTOPFEN	2	PC	0,100 G		SYSTEM 2,5MM / 2,8MM
110	0165317383	CAP	STECKERKAPPE / WELLROHRADAPTER	1	PC	7 G	AB	90 GRAD / VAR. KLEMMUNG
160	0105311580	CABLE	1X2X0,75	10	M		AB	1X2X0,75 QMM
180		IDENTIFICATION PLATE	ELAT	2	PC		KE	47X135MM, BEDRUCKBAR 47X25MM



50702467a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
70	X00E50203659	LEVEL MONITOR	BEDIA CLS-50, WASSERSONDE	1	PC		AB	WASSERSONDE DYN.UB-VERHALTEN+LT,
80	X00015855	CABLE W/MALE CONNECTOR	KM-NIVEAU F33	1	PC	555 G		L=10M



50701055a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
30	0165313283	MALE CONNECTOR	STECKER F. BU-KONTAKTE 2,5MM	1	PC	11,500 G		4POL. CODE 1 / DIN 72585	
35	0165314083	MALE CONNECTOR	STECKER F. BU-KONTAKTE 2,5MM	1	PC	12 G		4POL. CODE 2 / DIN 72585	
40	0165313383	FEMALE CONTACT		8	PC	0,200 G		0,5-1,0 MM ² / D=2,5MM	
45	0165313483	SINGLE-CORE INSUL		8	PC	0,100 G		1,2-2,0 MM / D2,5MM	
50	0165317383	CAP	STECKERKAPPE / WELLROHRADAPTER	1	PC	7 G	AB	90 GRAD / VAR. KLEMMUNG	
55	0085316180	CABLE	4X0,5/110	10	M		AB	4X0,5 OHNE GNGE	
60		IDENTIFICATION PLATE ELAT		2	PC		KE	47X135MM, BEDRUCKBAR 47X25MM	
65	700461103005	MARKER SLEEVE		2	PC			3/F	MMN461
70	700461103023	MARKER SLEEVE		1	PC			3/X	MMN461
75	700461203003	MARKER SLEEVE		4	PC			3/3	MMN461
80	0165314283	CAP	STECKERKAPPE / WELLROHRADAPTER	1	PC	6,300 G	AB	180 GRAD / VAR. KLEMMUNG	

EQUIPMENT TYPE

PRODUCT TYPE
SERIAL NUMBER

Generator

GENERATOR
1304937000_000001

FG FG DESIGNATION

230 MOUNTING / SUPPORT

EQUI TYPE: Generator

PRODUCT TYPE: GENERATOR
MOUNTING / SUPPORT

SERIAL NUMBER: 1304937000_000001
FG/FGS: 230

GROUP NUMBER (FG)

GROUP NAME

BOM-No.

BEARING

BK527230.304937-01

RUBBER MOUNT

XS527230.00034

EQUI TYPE: Generator

PRODUCT TYPE: GENERATOR
BEARING

SERIAL NUMBER: 1304937000_000001

FG/FGS: 230 00

BOM-No.: BK527230.304937-01

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
200	206796016000	CONICL SPRING WASHER	32	PC	28,100 G	16	DIN6796
250	304017016027	BOLT HEX A3C	32	PC	103 G	M 16 X 50	ISO4017

EQUI TYPE: Generator

PRODUCT TYPE: GENERATOR
RUBBER MOUNT

SERIAL NUMBER: 1304937000_000001

FG/FGS: 230 05

BOM-No.: XS527230.00034

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
30	X52723100033	RUBBER MOUNT	1	PC	15,891 KG

EQUIPMENT TYPE

PRODUCT TYPE
SERIAL NUMBER

Generator

GENERATOR
1304937000_000002

FG FG DESIGNATION

230 MOUNTING / SUPPORT

EQUI TYPE: Generator

PRODUCT TYPE: GENERATOR
MOUNTING / SUPPORT

SERIAL NUMBER: 1304937000_000002
FG/FGS: 230

GROUP NUMBER (FG)

GROUP NAME

BOM-No.

BEARING

BK527230.304937-01

RUBBER MOUNT

XS527230.00034

EQUI TYPE: Generator

PRODUCT TYPE: GENERATOR
BEARING

SERIAL NUMBER: 1304937000_000002

FG/FGS: 230 00

BOM-No.: BK527230.304937-01

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
200	206796016000	CONICL SPRING WASHER	32	PC	28,100 G	16	DIN6796
250	304017016027	BOLT HEX A3C	32	PC	103 G	M 16 X 50	ISO4017

EQUI TYPE: Generator

PRODUCT TYPE: GENERATOR
RUBBER MOUNT

SERIAL NUMBER: 1304937000_000002

FG/FGS: 230 05

BOM-No.: XS527230.00034

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
30	X52723100033	RUBBER MOUNT	1	PC	15,891 KG

EQUIPMENT TYPE

PRODUCT TYPE
SERIAL NUMBER

Generator

GENERATOR
1304937000_000003

FG FG DESIGNATION

230 MOUNTING / SUPPORT

EQUI TYPE: Generator

PRODUCT TYPE: GENERATOR
MOUNTING / SUPPORT

SERIAL NUMBER: 1304937000_000003
FG/FGS: 230

GROUP NUMBER (FG)

GROUP NAME

BOM-No.

BEARING

BK527230.304937-01

RUBBER MOUNT

XS527230.00034

EQUI TYPE: Generator

PRODUCT TYPE: GENERATOR
BEARING

SERIAL NUMBER: 1304937000_000003

FG/FGS: 230 00

BOM-No.: BK527230.304937-01

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
200	206796016000	CONICL SPRING WASHER	32	PC	28,100 G	16	DIN6796
250	304017016027	BOLT HEX A3C	32	PC	103 G	M 16 X 50	ISO4017

EQUI TYPE: Generator

PRODUCT TYPE: GENERATOR
RUBBER MOUNT

SERIAL NUMBER: 1304937000_000003

FG/FGS: 230 05

BOM-No.: XS527230.00034

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
30	X52723100033	RUBBER MOUNT	1	PC	15,891 KG

FG FG DESIGNATION

500 **MONITORING AND CONTROL SYSTEM, GENERAL ELECTRICAL EQUIPMENT**

510 **MONITORING EQUIPMENT**

511 **ALARM SYSTEM**

517 **EMERGENCY INSTRUMENTATION (CONTROL STAND)**

EQUI TYPE: System

PRODUCT TYPE: SYSTEM
MONITORING AND CONTROL SYSTEM, GENERAL
ELECTRICAL EQUIPMENT

SERIAL NUMBER: 1304937_000001
FG/FGS: 500

GROUP NUMBER (FG)
GROUP NAME
BOM-No.

TERMINAL BOX
BK527500.304937-01

CONNECTOR KIT FOR CONTROL PANEL
BS00E502.00059



58762782

EQUI TYPE: System

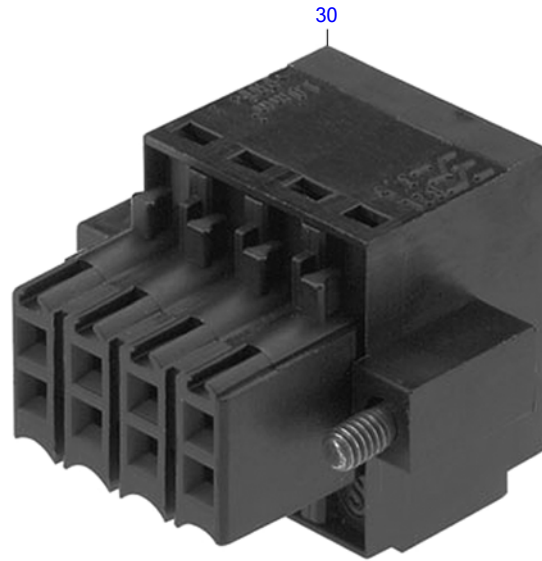
PRODUCT TYPE: SYSTEM
TERMINAL BOX

SERIAL NUMBER: 1304937_000001

FG/FGS: 500 00

BOM-No.: BK527500.304937-01

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
150	206796008000	CONICL SPRING WASHER	4	PC	2,900 G	8	DIN6796
200	304017008081	HEX BOLT	4	PC	13,500 G	M 8 X 25	ISO4017
300	206796008000	CONICL SPRING WASHER	6	PC	2,900 G	8	DIN6796
350	304017008081	HEX BOLT	6	PC	13,500 G	M 8 X 25	ISO4017



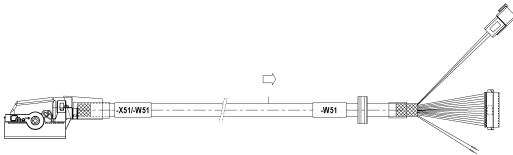
50702782

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN
30	B00E50200318	CONNECTOR KIT FOR CONTROL PANEL	LOP10	1	PC	48,700 G	UB

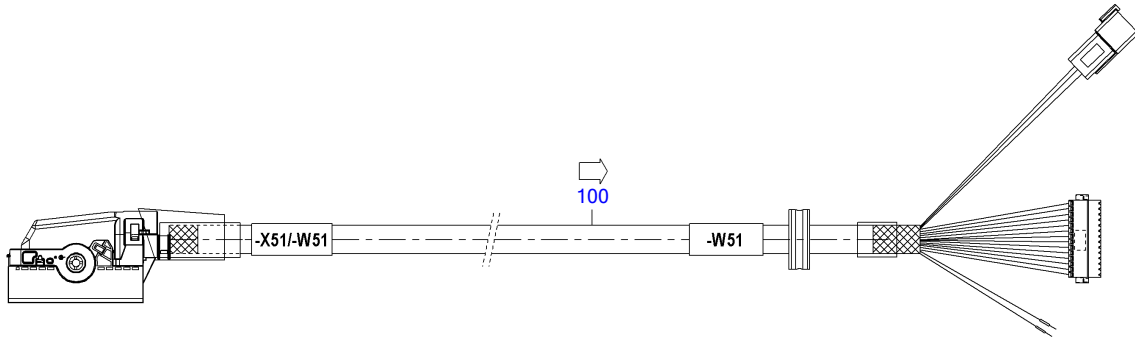
GROUP NUMBER (FG)
GROUP NAME
BOM-No.

MEMORY MODULE FOR PLANT DATA
BK00E510.304937-01

CONNECTING CABLE FOR ENGINE GOVERNOR
BS00E510.00141

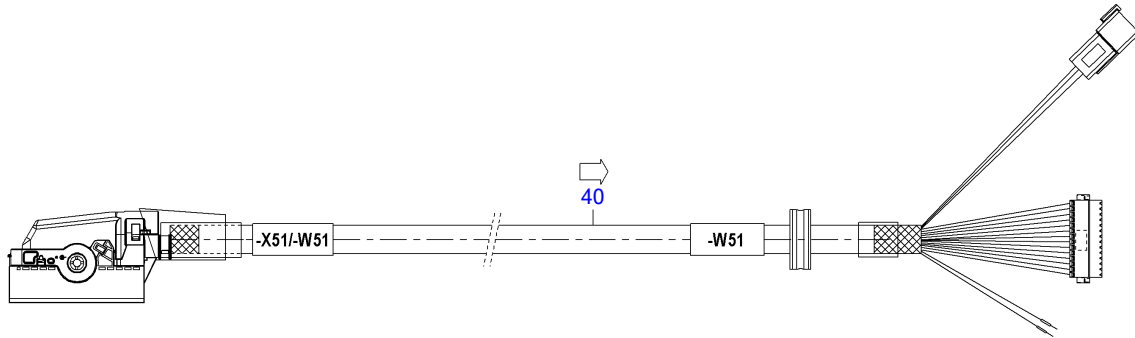


51000482



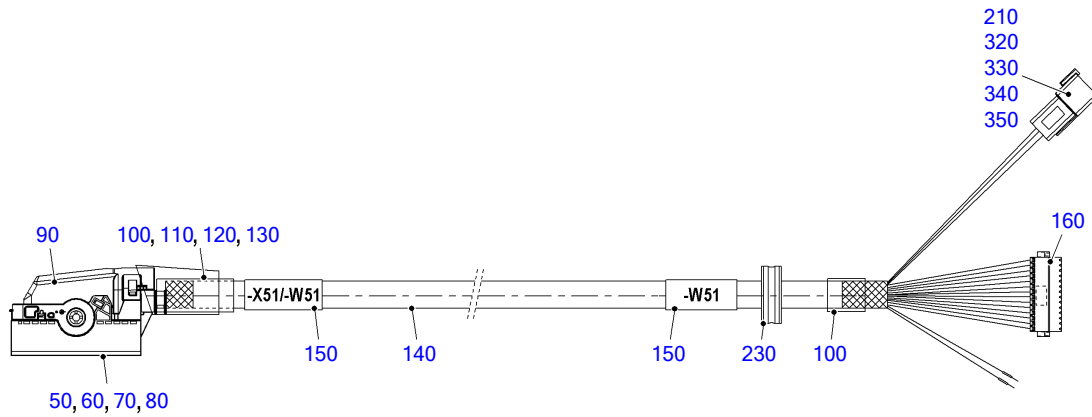
51000482

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT
100	B00E50200271	CONNECTING CABLE FOR ENGINE GOVERNOR	EIM-CCU	1	PC	2,260 KG	L=6M



51000481

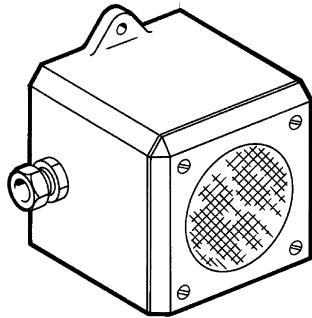
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	FN	MEASUREMENT
40	B00E50200270	CONNECTING CABLE FOR ENGINE GOVERNOR	EIM-CCU	1	PC	M	L=6M



51000480

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
50	X00E50200336	SEPARABLE CONNECTOR	BUCHSENGEHÄUSE MCP2, 8+MCP 1,5	1	PC	87,400 G		62(6+56)POL/NW26/ CODE-A/ 90GRD	
60	0025319385	BLADE CONNECTOR	BUCHSENKONTAKT VERSILBERT	27	PC	0,400 G		0,5-1,0 MM ² / MCP1,5	
70	0025319585	BLADE CONNECTOR	EINZELADERABDICHTUNG	27	PC	0,050 G		1,4-1,9 MM / MCP1,5	
80	0185317083	BLANKING PLUG FOR CONNECTOR	BLINDSTOPFEN	35	PC	0,050 G		MCP1,5	
90	X00E50200337	SEPARABLE CONNECTOR	KAPPE FÜR MCP BUCHSENGEHÄUSE	1	PC	13 G		62POL / NW26	
100	0001591583	SHRINKABLE HOSE	SSCHL. 24/6-0 SW	0,080	M			24MM DURCHM.X1200MM LG.	
110	0011596139	SHRINKABLE HOSE		0,060	M			52/13/MIT KLEBER	
120	0005334980	ADHESIVE		4	PC	0,200 G		15 MM (VARIABEL)	
130	0035314381	CABLE CLAMP		1	PC	0,500 G		L= 150MM, B= 3,6MM	
140	0055314780	CABLE		6,600	M				DIN 5510-2, GL
150		IDENTIFICATION PLATE	ELAT	2	PC		KE	47X135MM, BEDRUCKBAR 47X25MM	
160	X00011621	SOCKET-TERMINL STRIP	B2L3.5F 28POL.	1	PC	3 G		31,5X20,6X15,6, 2X14P.,100V/7,5A	
210	0075316680	CABLE	3XAWG18	0,050	M			VERDRILLT	
230	X00015077	CABLE GROMMET FOR CABLE ENTRY	CCU	1	PC			KLEMMENBEREICH 13-14	
320	X00034321	MALE CONNECTOR	DT-SERIES	1	PC	50 G		STIFTGEHAEUSE 6-POL.	
330	X00034322	MALE CONNECTOR	DT-SERIES	1	PC	5 G		KONTAKTVERR. FÜR STIFT 6-POL	
340	X00023503	BLANKING PLUG FOR CONNECTOR	EINZELADERABDICHTUNG	1	PC			EINZELADERABDICHTUNG 0,75-1,0QMM	
350	X00034294	MALE CONNECTOR	DT-SERIES	5	PC			0,5-1,0 MM2, STIFT VERZ	
360	X00E50209110	PLATE F.CONDUCTOR MARKING		2	PC			40X12MM	

GROUP NUMBER (FG)
GROUP NAME
BOM-No.



HORN F/ENGINE ROOM
500.00453

50702157a

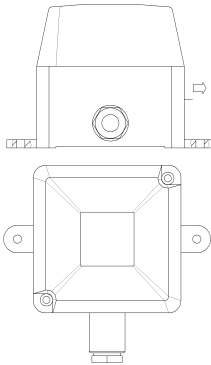
CONNECTING CABLE FOR CONTROL UNIT
BS00E502.00055

-W014.7



50001833

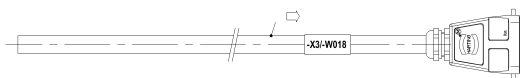
CONNECTING CABLE FOR FUEL FILTER
BS00E510.00789



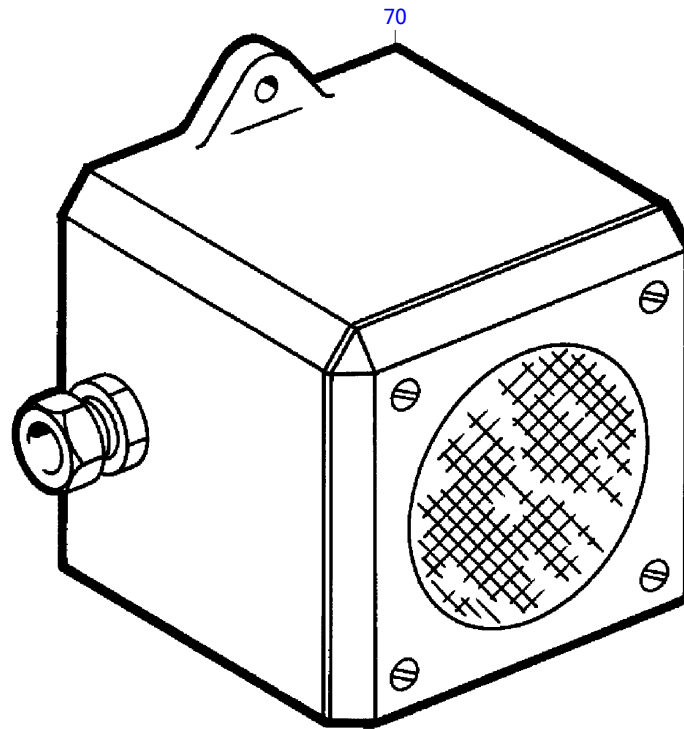
FLASHING LAMP YELLOW
X00007627

51102345

CONNECTING CABLE FOR CONTROL UNIT
X00036131



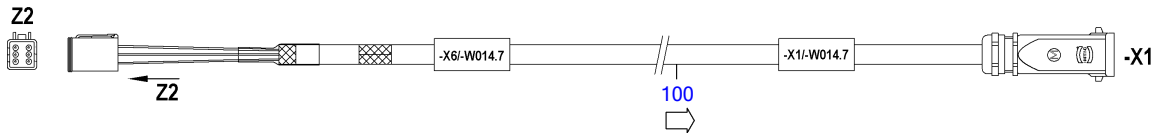
5110770a



50702157a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT
70	B00E50202170	AUDIBLE ALARM FOR MONITORING	AX05	1	PC	668,700 G	169X160X128

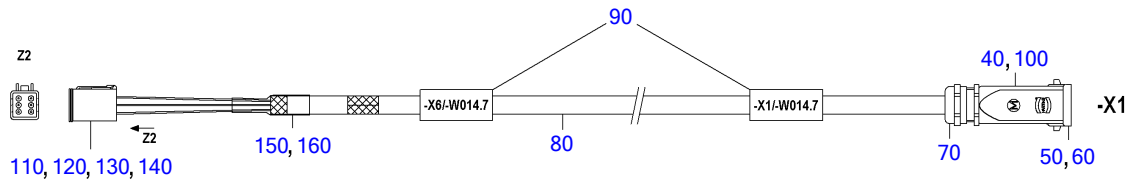
-W014.7



50001833

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT
100	X00E50206411	CONNECTING CABLE	BR4000	1	PC	1,150 KG	6 M LANG, W014.7 (CCU/LOP)

-W014.7



50001749a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
40	0185313983	BAYONET COUPLING	HAN 3A	1	PC			3A / M20 GERADE
50	0185317883	BAYONET COUPLING	HAN 3A/8 POL.	1	PC	7,200 G		8-POL. 250V/10A BUCHSE CRIMP
60	0005335683	APPLIANCE CONNECTOR	HAN D;BUCHSENKONTAKT 0,75QMM	5	PC	0,700 G		0,75 MM
70	0005312976	CABLE ENTRY	HSK-M-EMV_M20	1	PC	32,500 G		HSK-M-EMV, METRISCH, M20X1,5,
80	0105311780	CABLE	4X2X0,75	6,300	M	125 G		4X2X0,75 QMM
90		IDENTIFICATION PLATE	ELAT	2	PC		KE	47X135MM, BEDRUCKBAR 47X25MM
100	0185314383	COUNTERSUNK HD SCREW	HAN 3A	2	PC			M3 MIT DICHRING
110	X00034297	MALE CONNECTOR	DT-SERIES	1	PC	8,800 G		6-POL.BUCHSENGEHAEUSE
120	X00034320	MALE CONNECTOR	DT-SERIES	1	PC	2 G		KONTAKTVERR. FÜR BUCHSE 6-POL.
130	0005333083	CRIMP CONTACT	0,5-1,0 QMM	5	PC	2 G		0,5-1,0 QMM, BUCHSE VERZINNT
140	X00023503	BLANKING PLUG FOR CONNECTOR	EINZELADERABDICHTUNG	1	PC			EINZELADERABDICHTUNG 0,75-1,0QMM
150	0005319982	SHRINKABLE HOSE	SSCHL. 16/4-0 SW	0,050	M			16MM DURCHM.X1200MM LG.
160	0005334980	ADHESIVE		2	PC	0,200 G		15 MM (VARIABEL)

EQUI TYPE: System

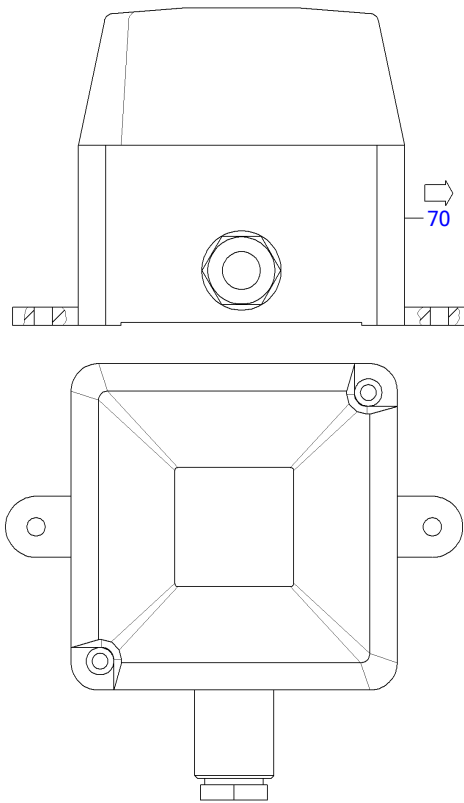
PRODUCT TYPE: SYSTEM
CONNECTING CABLE FOR FUEL FILTER

SERIAL NUMBER: 1304937_00001

FG/FGS: 511 10

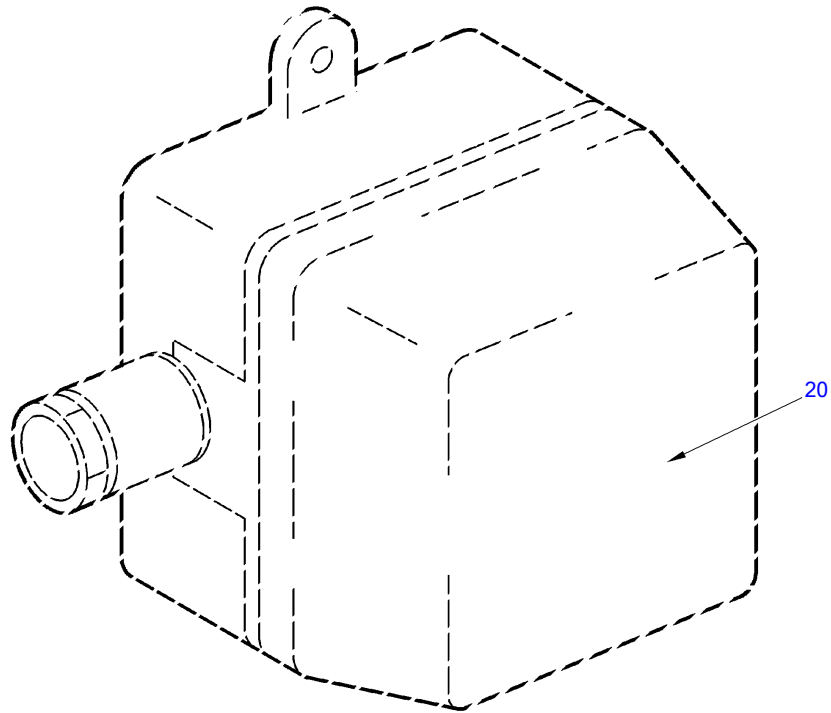
BOM-No.: BS00E510.00789

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	MEASUREMENT
100	X00E50209562	CONNECTING CABLE FOR FUEL PREFILTER	-W011 / 15M	1	PC	15M



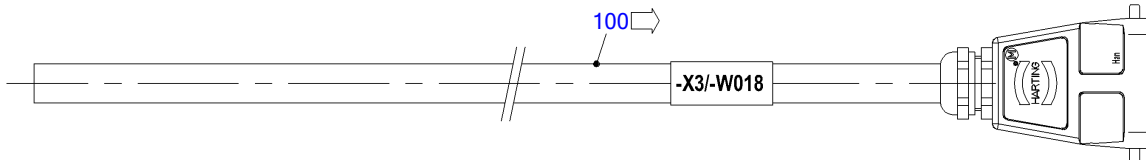
51102345

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT
70	0005318688	FLASHING LAMP YELLOW	BLK 40/15-32V-GELB	1	PC	841,500 G	BLK 40, 15-32 V



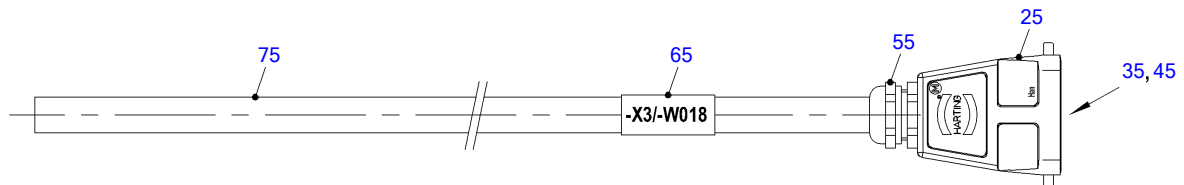
51102077b

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN
20	0005316188	LAMP	1	PC	4 G	MN



51101790a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT
100	5105303734	CABLE FOR ECS	-W018 / 10M	1	PC	2,480 KG	L



51101790a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
25	0175311083	HOUSING	HAN/GR. 6	1	PC			GR.6 EMV M25 GERADE
35	0085315383	PIN INSERT	HAN E	1	PC	37 G	AB	BAUREIHE HAN E
45	0085315583	CONTACT PIN	2,5 QMM	4	PC		AB	2,5QMM, VERSILBERT
55	0005316176	CABLE ENTRY	HSK-M-EMV_M25	1	PC	52 G		HSK-M-EMV, METRISCH, M25X1,5,
65		IDENTIFICATION PLATE	ELAT	1	PC		KE	47X135MM, BEDRUCKBAR 47X25MM
75	0105313780	CABLE	5X2,5	10,300	M		AB	5X2,5QMM

EQUI TYPE: System

PRODUCT TYPE: SYSTEM

SERIAL NUMBER: 1304937_000001

EMERGENCY INSTRUMENTATION (CONTROL STAND)

FG/FGS: 517

GROUP NUMBER (FG)

GROUP NAME

BOM-No.

CONTROL CONSOLE FOR ON-BOARD GENSET

BS00E510.00564

EQUI TYPE: System

PRODUCT TYPE: SYSTEM
CONTROL CONSOLE FOR ON-BOARD GENSET

SERIAL NUMBER: 1304937_000001

FG/FGS: 517 10

BOM-No.: BS00E510.00564

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	MEASUREMENT
180	B00E50202240/S0001	CONTROL CONSOLE FOR ON-BOARD GENSET	LOP 10-01 / CAN_EIM	1	PC	500X500X210; ENGLISCH

EQUI TYPE: System

PRODUCT TYPE: SYSTEM

SERIAL NUMBER: 1304937_00001

CONTROL CONSOLE FOR ON-BOARD GENSET

FG/FGS:

BOM-No.: B00E50202240/S0001

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
170	B00E50202240	CONTROL CONSOLE FOR ON-BOARD GENSET	LOP 10	1	PC			KF 500X500X210;EIM_J1939/CANOPEN
200	X00E50203743	LABELLING KIT FOR CONTROL PANEL	LOP 10-01	1	PC			
220	0015341901	KEY COVER WHITE	MCS-5	14	PC			
230	0015342001	KEY COVER GREEN	MCS-5	5	PC			
240	0015342101	KEY COVER RED	MCS-5	1	PC			
250	0015343901	LOCKING DEVICE FOR SWITCH/BUTTON	PAN 1, 2, 3, 4, 5, 7	7	PC			FLACHE VERSION
270	5005334589	IDENTIFICATION PLATE		1	PC	6 G		

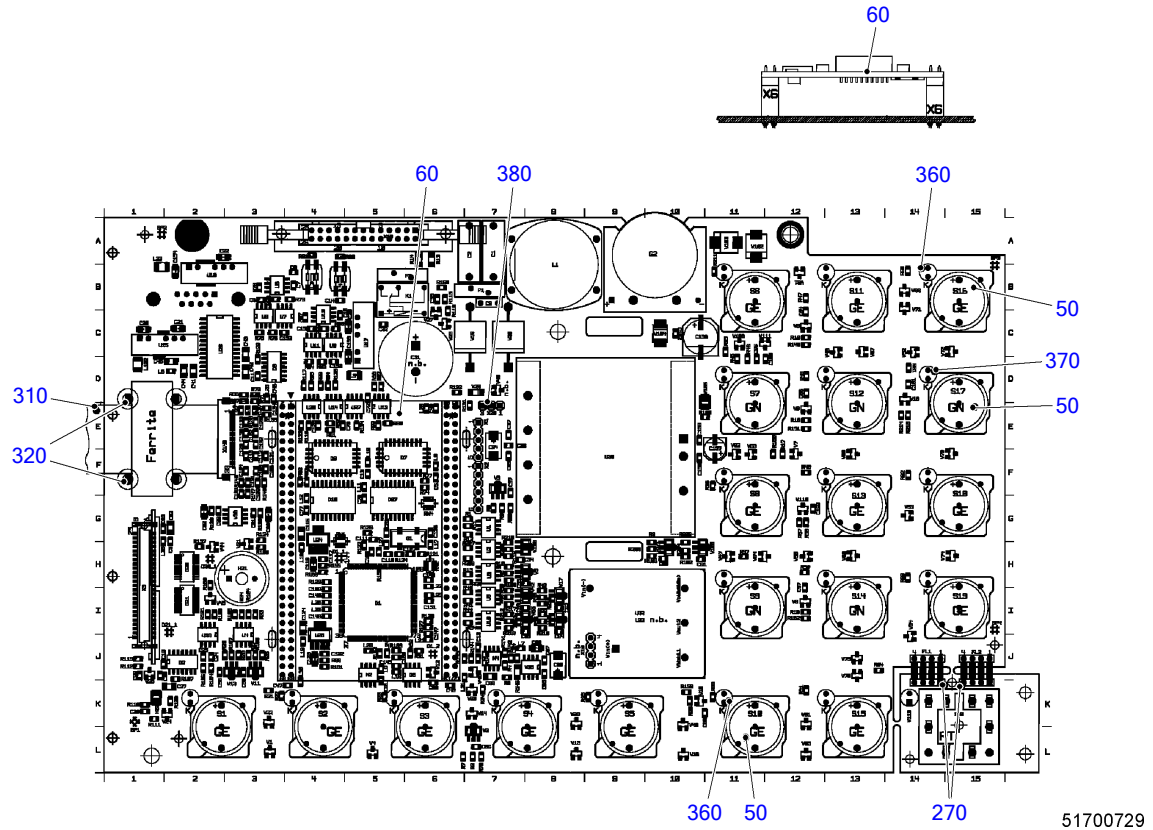
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
170	B00E50202228	HOUSING FOR ON-BOARD GENSET	-	1	PC			500X500X210	
180	X00E50203844	CABLE ENTRY	KEL24-10 + BTK	3	PC	165 G		147X60X21 / KEL24/10	
190	000912005022	SCREW		6	PC	4,100 G		M 5 X 20	DIN912
195	000912005021	SCREW		6	PC	4,730 G		M 5 X 25	DIN912
200	0001591779	CABLE SHOE		5	PC	1,080 G		1-2,6QMM/M5	
210	0085310080	CABLE	H07Z-K 1,5	1	M			1,5 QMM GRUEN/GELB	
220	206797005200	TOOTHED WASHER J5.3		6	PC	0,240 G		J 5,3	DIN6797
230	200125005300	WASHER		6	PC	0,430 G		A 5,3	DIN125
240	000934005024	NUT HEX		6	PC	1,060 G		M 5	DIN934
250	0015315485	CABLE TERMINAL	1,0-2,5 MM	1	PC			1,0-2,5QMM/M8, BLAU	
260	X00E50202336	BAFFLE PLATE FOR CABLE	36526	3	PC	21 G	KF	142X36X24	
270	0005850903	POCKET		1	PC			SCHALTPLANTASCHE	
280	X00E50209110	PLATE F.CONDUCTOR MARKING		150	PC			40X12MM	
290	0005312582	CABLE DUCT	LK4_60X25	1,200	M			LK4 60025, VERDRAHTUNG 60X25MM	
300	0009905392	RIVET		14	PC			FUER KABELKANAL	
360	0015332731	CAP	723	1	PC			FUER SCHR.DOSE,SERIE 723	
370	0025336690	ADHESIVE LABEL WITH MTU-LOGO	MTU-LOGO GR.3	1	PC			30X72 MTU-LOGO GR.3	
380	700425000142	PLATE		1	PC	2,200 G		60.1	MMN425
395	0005335680	GASKET		19	PC			MN T=1,0 MM +- 0,8	
400	0005310039	LED RED	T5,5K 6 MLED 24V RD	1	PC			MIT SOCKEL, 24VDC, 18MA,	
410	0055345210	CONTROL ELEMENT		1	PC	11,800 G			
420	X00E50209553	PLUG-IN BOARD	IDB4-01/B	1	PC	505 G		IDB4-01/B	
430	X00E50201870	CABLE	LOP-ECS	1	PC	40,200 G	M	L=620MM	
440	5295307212	PLUG-IN BOARD	MEM 5-02	1	PC			MEM5-02	
450	0005325752	BATTERY	RENATA CR2477N	1	PC			D=25,4X7,7, KNOPFZELLE_3V,	
460	0015341801	PUSHBUTTON	MCS-5	20	PC				
470	0005335980	GASKET		2	PC			T=0,5 MM	
480	0015331031	FLAP	KDQ	1	PC			27X27 INCL. 2 DICHTUNGEN	
490	0005330470	SCREW	M4X8	5	PC	0,520 G		M 4X8 AEHNLICH DIN 7985	
500	0005330170	SCREW	M3X8	2	PC			M 3X8 AEHNLICH DIN 7985	
510	X00E50201864	SPACER	M4	2	PC	1 G		M4 L=75MM	
520	707000000087	COUNTERSUNK HD SCREW		4	PC	0,400 G		M3 X 8	MBN10321
530	000000001393	COUNTERSUNK HD SCREW		5	PC	1 G		M 4 X 8	DIN965
540	0015334741	SPACER	M4-187X14 PA6	3	PC			INNEN (2X) M4, L=14	
550	0015335041	SPACER		2	PC			INNEN (2X) M4, L=37,5	
560	X00011222	SPACER		2	PC	20 G		INNEN (2X) M3, L=55,8	
570	X00038628	BRACKET	TS35-SCHRAUBBAR	2	PC	38 G		ENDWINKEL SCHRAUBBAR-56X63X12,2	
580	0065319481	TERMINAL	26POL.	1	PC			81X64X28, 26POLIG,MAX_1A_LAST,	
590	0005336780	GASKET		2	PC	4,500 G			
600	0015334841	SPACER		1	PC			D-INNEN 4,2 / D-AUSSEN 8	
610	X00E50208942	DISPLAY	LCD-TFT 5,7" PRIME VIEW	1	PC			5,7"/145MM, 320X240-RGB-DOTS,	
614		SOFTWARE	DIS LOADER; V_1; ED_7_01	1	PC		KE	VAR_1\ED_7.01	
620	5105332940	RETAINER		1	PC	43 G		145X136X3	
630	X00E50201863	SPACER	M4	1	PC			M4 A=17,5	

CONTROL CONSOLE FOR ON-BOARD GENSET

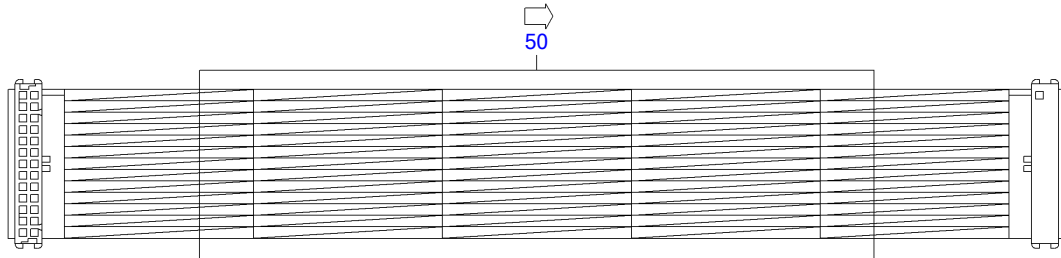
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
640	X00015360	HEAT-CONDUCTING FOIL	CCU	1	PC			100X100X9 - EINSEITIG KLEBEND	
650	0005333476	WASHER		1	PC			LOCHDURCHM 3,6, 19X24X0,18	
660	200084003102	SCREW		1	PC	1 G		M 3 X 12	DIN84
670	5005300326	DIODE W/CONNECT HARDWARE		1	PC			L=600MM,3X2,5QMM, ROT,	
680	0015310082	QUICK-CATCH CLAMP BLACK		6	PC			LAENGE KABELBINDER 150, B	
690	0045318081	TERMINAL	249	2	PC			B = 10 MM	
700	0015318702	RESISTOR	MK2_121R	5	PC	0,100 G		TK50 1% 0,4W	
710	0035315781	INSTALL ACCESSORIES	QUERBRUECKER 280	31	PC			QUERBRÜCKER ISOLIERT GRAU	
720	0055316181	TERMINAL BLOCK	280	1	PC			3-STOCK, PA6.6,	
730	0055316081	TERMINAL BLOCK	PA6.6	70	PC			0,08 - 2,5 QMM, 20A, 5MM	
770	910001003103	RIVET		1	PC	0,900 G		AK 3,2X 10,67	N10001
780	0005334441	SPACER SLEEVE		2	PC				
790	000125004317	WASHER		6	PC	0,330 G		A 4,3	DIN125
800	000934004013	NUT HEX S2000/4000		2	PC			M 4	DIN934
810	5295305612	PLUG-IN BOARD	COB 9-01/A	1	PC				
820	X00012104	CASSETTE	SAM / SLOT 1	1	PC	16,200 G		SLOT 1 - UNBESTÜCKT	
830	X00032538	CASSETTE	SAM / SLOT 2	1	PC	49 G		SLOT 2 - BESTUECKT MIT CCB 2-XX	
840	X00012108	CASSETTE	SAM / SLOT 3	1	PC			SLOT 3 - UNBESTÜCKT	
850	B00E50202739	HOUSING WITHOUT INTERLOCK	SAM1-06	1	PC	1,347 G			
860	0005330670	SCREW	M4X6	26	PC	0,520 G		M 4X6 AEHNLICH DIN 7985	
870	X00012176	CABLE W/MALE CONNECTOR	CIB 2-REIHIG	2	PC			2X12POL,STECK: 1XMOLEX,1XWAGO	
880	B00E50201056	CONNECTOR KIT	LOP 10	1	PC	212,600 G			
890	X00E50205995	PLUG-IN BOARD	CIB 4-03	1	PC	796 G	AB	CIB 4-03	
900	X00012186	CABLE W/MALE CONNECTOR	CIB CAN	1	PC	38 G		1X9POL; STECK:1XWEIDM; 3XWAGO	
920	X00E50205312	CONNECTING CABLE W/MALE CONNECTOR	SAM / CIB4	1	PC	44 G		DOPPEL-Y-KABEL - 4 STECKER	
930	000912004004	SCREW		4	PC	2,490 G		M 4 X 20	DIN912
935	X00E50205464	CABLE W/MALE CONNECTOR	CIB,2-REIHIG	1	PC	45 G		2X12POL	
940		LABELLING KIT	LOP M8	1	PC	50 G	KE	25X12,5	
990	X00005664	TERMINAL	12POL.	1	PC		AB	12-POL;2 RASTHACKEN, BEDRUCKT X1	
1000	X00005678	TERMINAL	12POL.	1	PC	9 G	AB	12-POL;2 RASTHAKEN, BEDRUCKT X10	
1010	X00005679	TERMINAL	12POL.	1	PC		AB	12-POL;2 RASTHAKEN BEDRUCKT X11	
1020	X00005759	TERMINAL	12POL.	1	PC	9,200 G	AB	12-POL,2 RASTHAKEN BEDRUCKT X21	
1030	X00005762	TERMINAL	12POL.	1	PC		AB	12-POL;2 RASTHAKEN BEDRUCKT X22	
1040	X00005763	TERMINAL	16POL.	1	PC	12,200 G		16-POL,2 RASTHAKEN BEDRUCKT X23	
1050	X00E50203870	CONNECTING CABLE FOR CONTROL UNIT	SAM / X2	1	PC	18,400 G	AB	75MM (SAM/X2)	
1060	0075317180	CABLE	H05Z-K 0,5	6	M			0,5 QMM ROT	
1070	0075316880	CABLE	H05Z-K 0,5	8	M			0,5 QMM SCHWARZ	
1080	0075317780	CABLE	H05Z-K 0,5	8	M			0,5 QMM WEISS	
1090	0075317080	CABLE	H05Z-K 0,5	5	M			0,5 QMM BRAUN	
1100	0075317380	CABLE	H05Z-K 0,5	20	M			0,5 QMM VIOLETT	
1103	0075310780	CABLE	2XAWG20	2	M	25 G		2XAWG20,SW/WS	
1104	0075310680	CABLE	3XAWG20	3	M			3XAWG20,SW/BR/WS	

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
1110	41814	PE-FLAT POUCH IMPRINTED SERIES		2	PC	8 G		180X270X0,1 MM	
1120	X00015074	CABLE GROMMET FOR CABLE ENTRY	CCU	7	PC	8 G		KLEMMENBEREICH 8-9	
1130	X00E50200854	CABLE GROMMET FOR CABLE ENTRY	CCU	7	PC	7 G		KLEMMENBEREICH 10-11MM	
1140	X00028180	CABLE GROMMET FOR CABLE ENTRY	CCU	10	PC	6,600 G		KLEMMENBEREICH 12-13MM	
1150	X00015078	CABLE GROMMET FOR CABLE ENTRY	CCU	10	PC	5,200 G		KLEMMENBEREICH 14-15	
1160	0035314381	CABLE CLAMP		2	PC	0,500 G		L= 150MM, B= 3,6MM	
1170		SEPARABLE CONNECTOR	723/12 POL.	1	PC		KE	PIN-STECKER,12POL	
1180	0045314981	TERMINAL FOR CONTROL UNIT	249	2	PC			LEITUNGSBRÜCKER 110 MM	
1200	0035315081	QUICK-CATCH CLAMP	T18HS_102X2,5MM	5	PC	5 G		L	
1210	0005337543	PIPE	NN10	0,500	M	7,900 G	AB	GEFLECHTSSCHLAUCH 7-12 MM	
1230	X00E50206318	DAMPER PLATE	DAEMPFERPLATTE FUER AE1050	1	PC	4,698 KG		490X490X51	
1240	00000003001	HEX SCREW		4	PC	12 G		M 8 X 20	ISO4017
1250	200125008400	WASHER		4	PC	1,500 G		A 8,4	DIN125
1270		CABLE W/MALE CONNECTOR	LOP 10	1	PC	58 G	KE		

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
120		SWITCHGEAR CABINET FOR ELECTRONICS	AE 1050.009	1	PC	11,920 KG	KE	500X500X210	
130	207985004106	OVAL-HEAD SCREW		2	PC			M 4 X 10	DIN7985
140	0005330732	HANDLE		1	PC			A=88, H=32, D=8	
150	X00E50200063	PRESS-IN NUT		1	PC			SP-M3-1	
160	0005331374	THREADED PIN	M4X15	2	PC	10 G		M4X15	
170		PRESS-IN NUT	M5	6	PC	10 G	KE	CLSS-M5-1	
180	210642005000	COUNTERSUNK HD SCREW W. INTERNAL HEX.		3	PC	2 G		M 5 X 12	ISO10642
190	200125006400	WASHER		2	PC	0,700 G		A 6,4	DIN125
200	X00E50205584	BRACKET	GASDAEMFERW. F. EINPRESSBOLZEN	1	PC	70 G		UB	
210	207985005103	OVAL-HEAD SCREW		2	PC	2,600 G		M 5 X 8	DIN7985
220		BRACKET	EDELSTAHL	1	PC			KE BLECH3 DIN1542	
230	000934005024	NUT HEX		21	PC	1,060 G		M 5	DIN934
240	206797005200	TOOTHED WASHER J5.3		2	PC	0,240 G		J 5,3	DIN6797
250	0019803164	SPRING		1	PC	103 G		WINKELBEFESTIGUNG	
260	000934006034	HEX NUT		1	PC	2,220 G		M 6	DIN934
270	000000003003	HEX SCREW		1	PC			M 8 X 30	ISO4017
280	X00036732	WASHER		2	PC	2,200 G		M8	
290		THREADED PIN	FHS-M5-12	2	PC	1,500 G	KE	M5X12	
300	X00036731	WASHER		1	PC			M6	
310	200125008400	WASHER		6	PC	1,500 G		A 8,4	DIN125
320	000934008039	NUT HEX		2	PC	5 G		M 8	DIN934
330	X00019110	PRESS-IN BUSHING	BSOS M4-12	26	PC			EINPRESS-GEWINDEBUCHSE M4X12	
340		PRESS-IN NUT		4	PC			KE CLS-M6-1	
350		SUPPORT RAIL	TS35X7,5	1	PC	126,300 G	KE	L=385MM	
360	910001004102	RIVET		8	PC			AK 4 X 9,45	N10001
370	0005330974	THREADED PIN		17	PC			M5X15	
380		LIGHT CONDUCTOR FOR DISPLAY UNIT	FUER DIS13	1	PC	5 G	KE	10X36.8	
390	5115330934	RAIL	115LG	1	PC			HUTSCHIENE 2 BOHRUNGEN 4,5	
400	200125004301	WASHER		8	PC	0,320 G		A 4,3	DIN125
410	000000003183	HEX NUT		6	PC	0,800 G		M 4	ISO4032
420	X00019117	THREADED PIN	FHS-M4-8	2	PC			M4X8	
430	X00E50201023	FOIL FOR SCREEN		2	PC	5,600 G		135X105X0,15	
440	5105360091	INDICATR ACCESSORIES		1	PC	66 G		105X135X2/SCHEIBE	
450	X00E50201777	THREADED PIN	M4-12	5	PC	20 G		M4-12	
460	X00E50201778	THREADED PIN	M4X30	1	PC			M4 X 30	
470	0005330574	THREADED PIN	FHS M3-10	2	PC			M3 X 10	
480	X00E50201845	FRAME	PA66/SCHWARZ	1	PC	35 G		169X130X3	
500	X00E50207411	PLATE FOR GROUND CONNECT.	ERDUNGSSCHILD	3	PC	3 G		13X13	
510	200125005300	WASHER		19	PC	0,430 G		A 5,3	DIN125
511	000000002645	HEX SCREW		1	PC	5,300 G		M 6 X 16	ISO4017
513		GROUND STRAP	MASSEBAND	1	PC	107 G	KE	A2VZ16VZ-06080808-200150120	
520	0015411583310833	SHEET METAL		0,100	M2			2 X1000X2000	EN10131
530	2015421583310001	SHEET METAL		0,350	M2			3A X1000X2000 S	EN10029
540	X00E50208445	PRESS-IN BUSHING	BSOS_M5-18	3	PC			M5X18 (BSOS)	

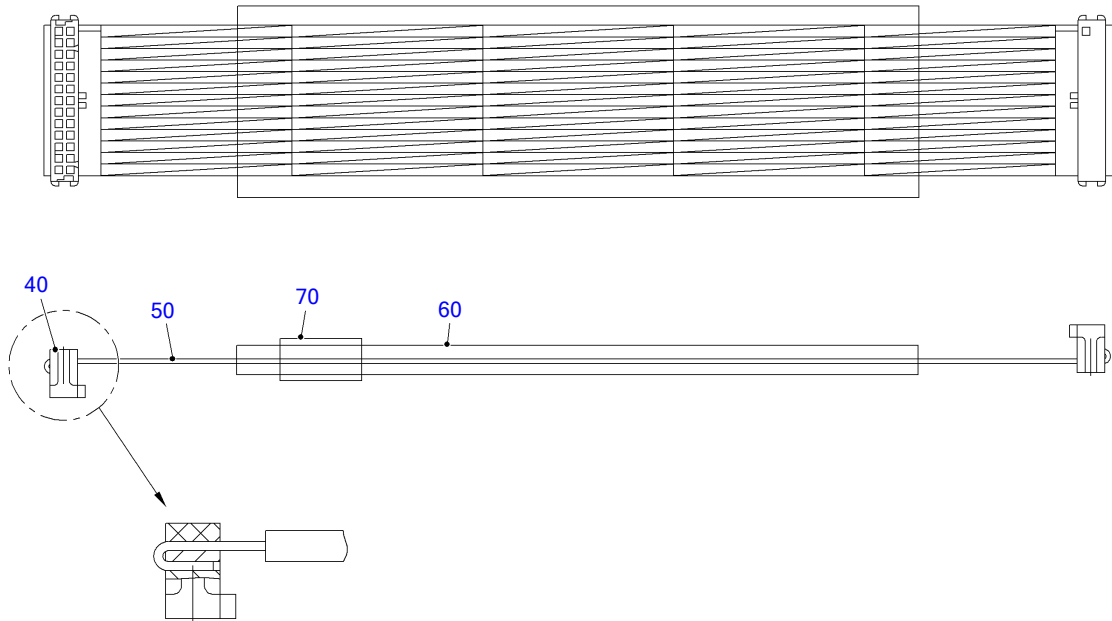


POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
50	X00E50203036	LED	LES_GE_5MM	20	PC	0,200 G		D=5MM,L=9MM,LEUCHTFARBE=GELB,
60	X00E50202542	INTEGRATED CIRCUIT	CPU-X270LCD	1	PC		AB	DIL-128; RECHNER KOMPLETT;
270	0105313080	CABLE	ADAPT SYSTEM 310	2	PC			RM2,54;ISOLATIONSLENGE
310	0105312980	CABLE	33ADR.	1	PC			RM0,5, LAENGE
320	0005311981	QUICK-CATCH CLAMP	TYH/TYB 23M	2	PC	0,200 G		92X2,4X1,0MM D=2-16MM
360	0005311439	LED YELLOW	T5,5K 6-MLED 24V YE	14	PC			T5,5K, 24VDC,
370	0005311339	LED GREEN	T5,5K 6-MLED 24V GN	5	PC			T5,5K, 24VDC,
380	0055316883	MALE CONNECTOR	JUMPER; 2,54MM RASTER; 3A; GN;	1	PC			JUMPER, 2,54MM RASTER, 3A, GN,



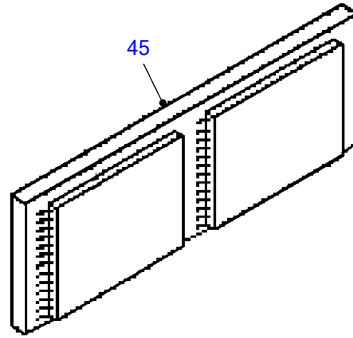
51700649

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
50	X00E50201869	CABLE	1	PC	200 G	M	L=620MM



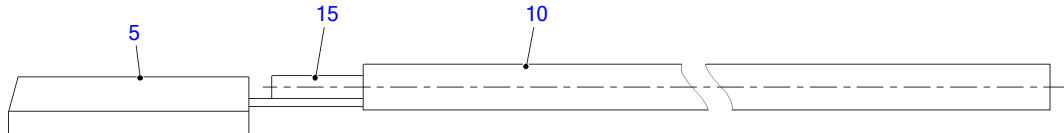
51700601a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	FN	MEASUREMENT
40	0135311283	BLADE CONNECTOR	26 POL.	2	PC		OFFENES OBERTEIL, MIT ZUGENTL.
50	0025319080	CABLE	26ADR.	0,810	M		AWG28/26ADR./PAARW. VERDRILLT
60	50010	SHRINKABLE HOSE		0,720	M		3/8 IN
70		IDENTIFICATION PLATE	ELAT	1	PC	KE	47X135MM, BEDRUCKBAR 47X25MM



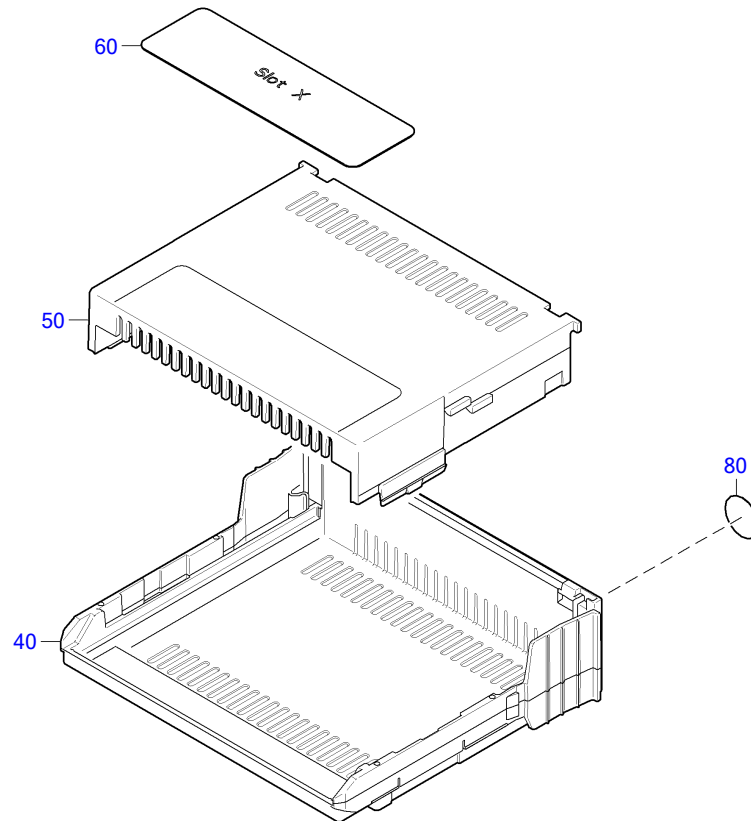
50000531a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT
45	5295307212/76	PLUG-IN BOARD NOT ADJUSTED	MEM 5-02	1	PC	46,100 G	MEM5-02



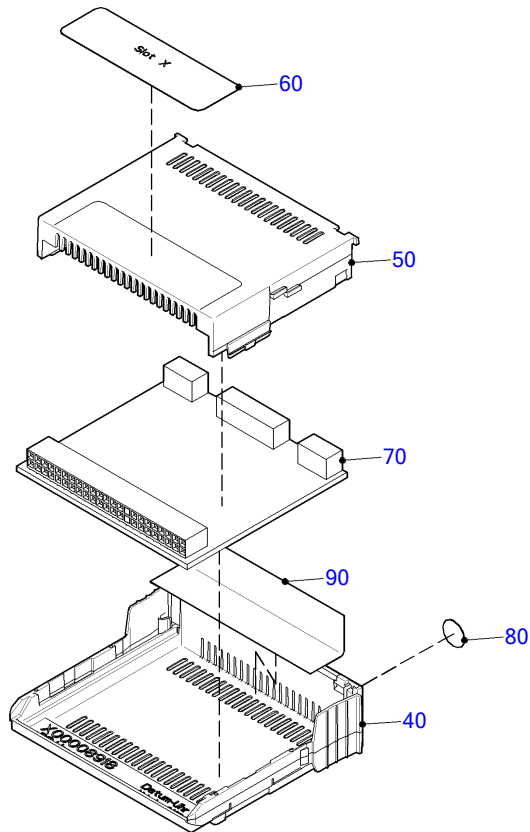
51102470

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	FN	MEASUREMENT	STANDARD
5	0045314940	DIODE	MBR 4060PT	1	PC		TO-247AD, 60V, 40A, SURGE400A,	
10	0085311480	CABLE	H07Z-K 2,5	1,800	M	AB	2,5 QMM ROT	VDE0282
15	0011595639	SHRINKABLE HOSE		0,060	M		3/16	



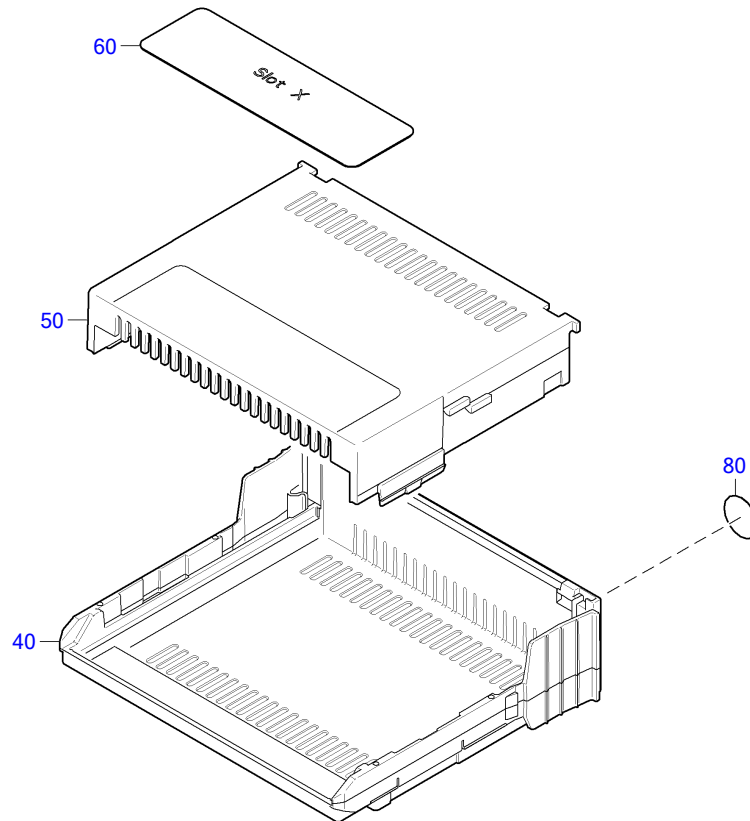
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POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
40	X00008918	HSG UPPER ELEM		1	PC	10 G		
50	X00008932	HOUSING LOWER SECTION	4945	1	PC	5 G		
60	X00008726	PLATE		1	PC		AB	
80	X00023907	PLATE SELF-ADHESIVE		1	PC			ESD-SCHILD/DURCHM.8MM SELBSTKLEB



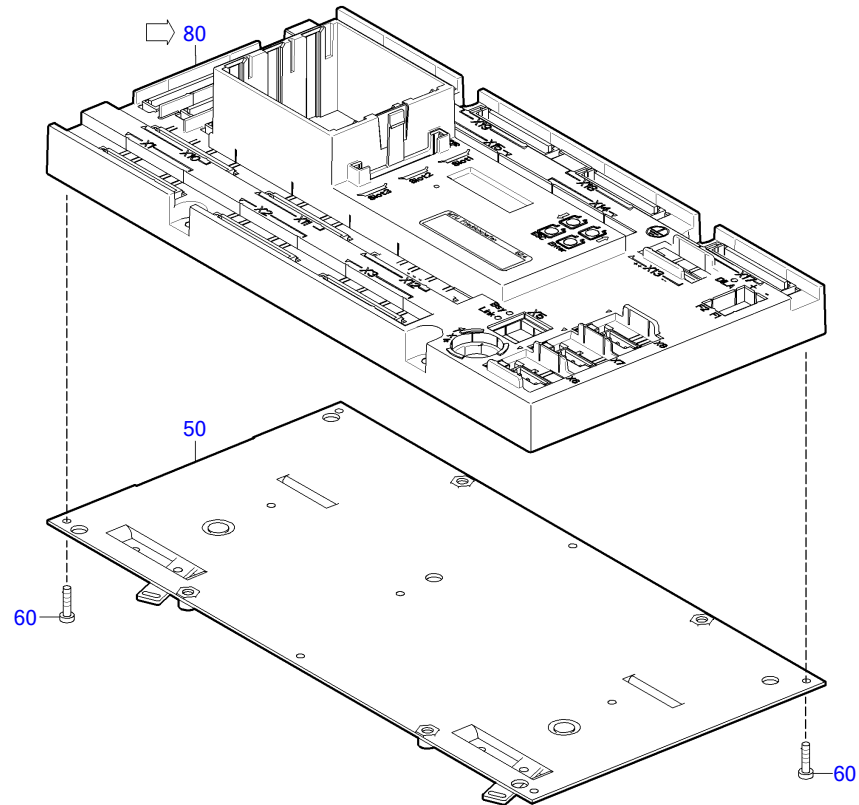
50000461a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
40	X00008918	HSG UPPER ELEM		1	PC	10 G		
50	X00008932	HOUSING LOWER SECTION	4945	1	PC	5 G		
60	X00008726	PLATE		1	PC		AB	
70	X00038985	PLUG-IN BOARD	CCB2-03	1	PC	35,200 G	AB	CCB 2-03
80	X00023907	PLATE SELF-ADHESIVE		1	PC			ESD-SCHILD/DURCHM.8MM SELBSTKLEB
90	X00024059	FOIL		1	PC	0,400 G		59 X 0,25



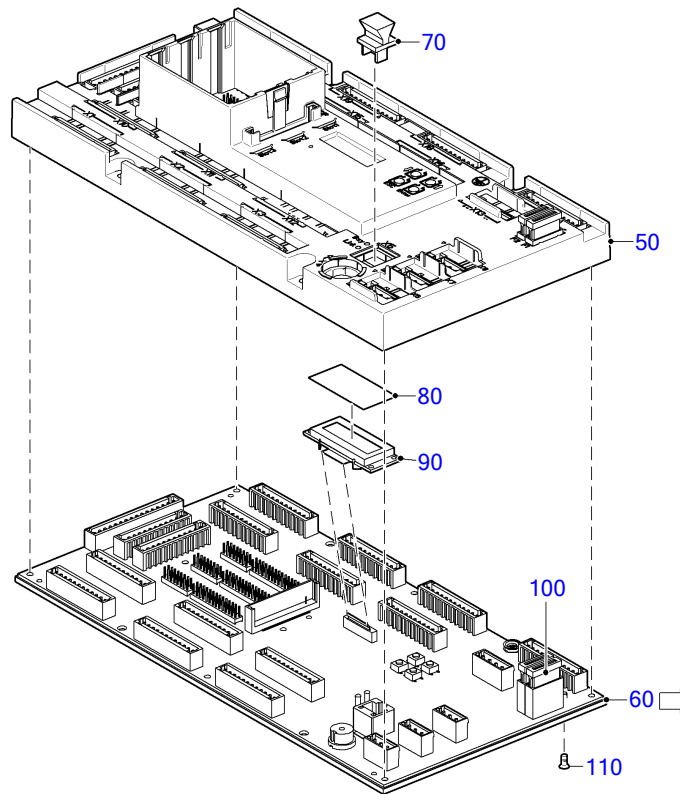
42300049a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
40	X00008918	HSG UPPER ELEM		1	PC	10 G		
50	X00008932	HOUSING LOWER SECTION	4945	1	PC	5 G		
60	X00008726	PLATE		1	PC		AB	
80	X00023907	PLATE SELF-ADHESIVE		1	PC			ESD-SCHILD/DURCHM.8MM SELBSTKLEB



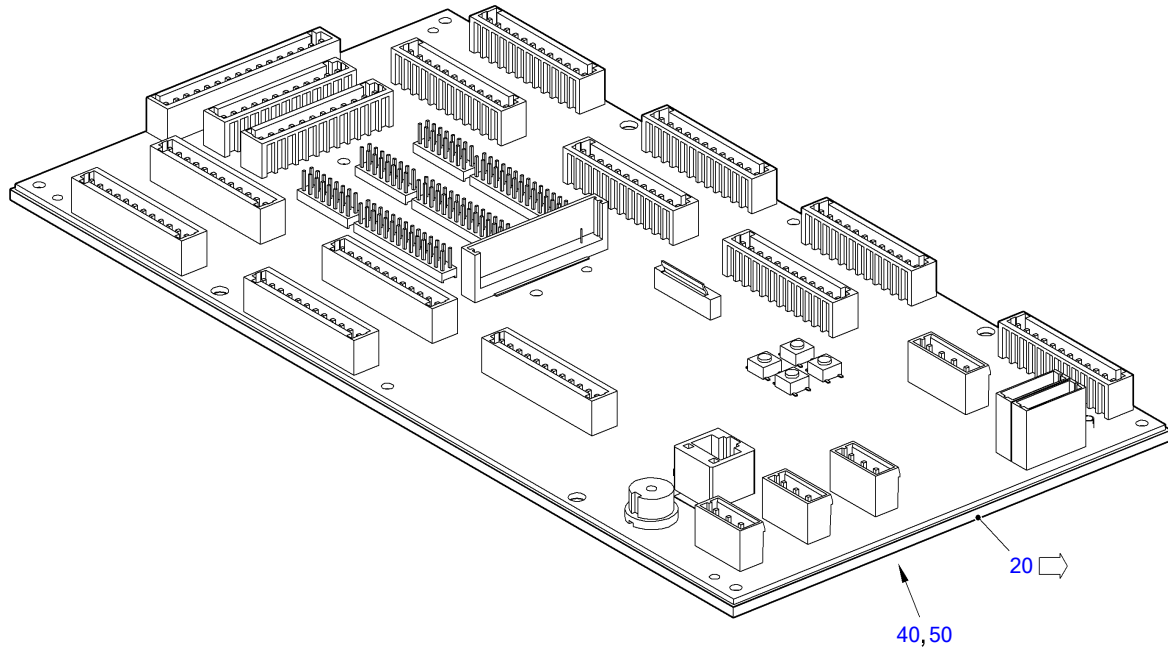
42300033a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	X00012158	PLATE	SAM 1-01	1	PC	508,400 G	PLATTE O.OEFF, 291,6X147,6X1,5MM	
60	000000003643	SLOT PAN-HEAD SCREW		9	PC	0,700 G	3 X 12	MBN10266
80	B00E50202738	HOUSING WITHOUT BASE PLATE	SAM1-06	1	PC			



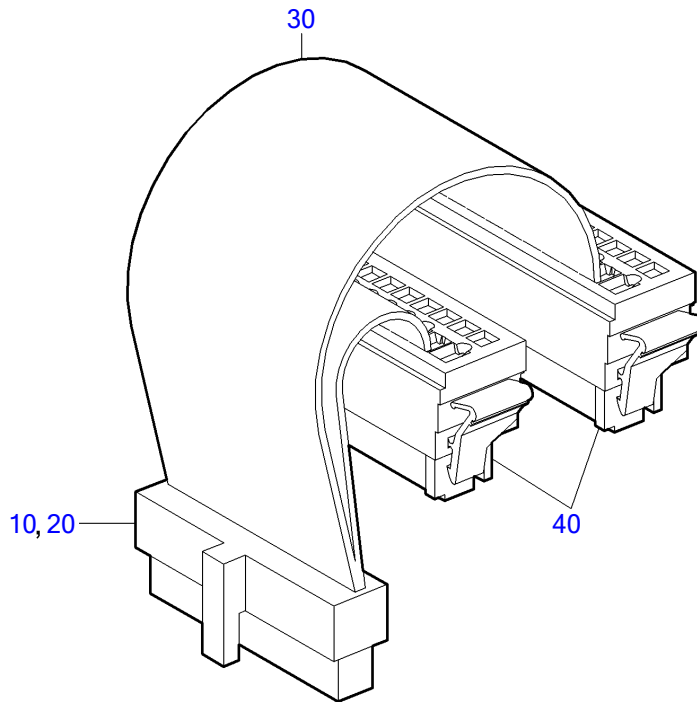
42300051b

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
50	X00E50208087	COVER	SAM1-0X	1	PC		295X151X51.7	
60	X00E50207661/S0001	PLUG-IN BOARD	SAB2-04	1	PC		SAB2-04 (4MB RAM)	
70	0015337831	CAP	RJ45	1	PC	3 G	F. STECKDOSE RJ45	
80	X00008734	WASHER		1	PC	0,200 KG	43,5 X 21,5 X 0,25	
90	0005384275	DISPLAY	LCD 2X16 ZEICHEN	1	PC	13,200 G	54X21X9, LCD_2X16_ZEICHEN,	
100	0015319186	FUSE	FK2 15,0A_KFZ	2	PC		FK2 KFZ-SICHERUNG	
110	207500003003	SCREW		1	PC	0,100 G	CE M 3 X 5 - Z	DIN7500



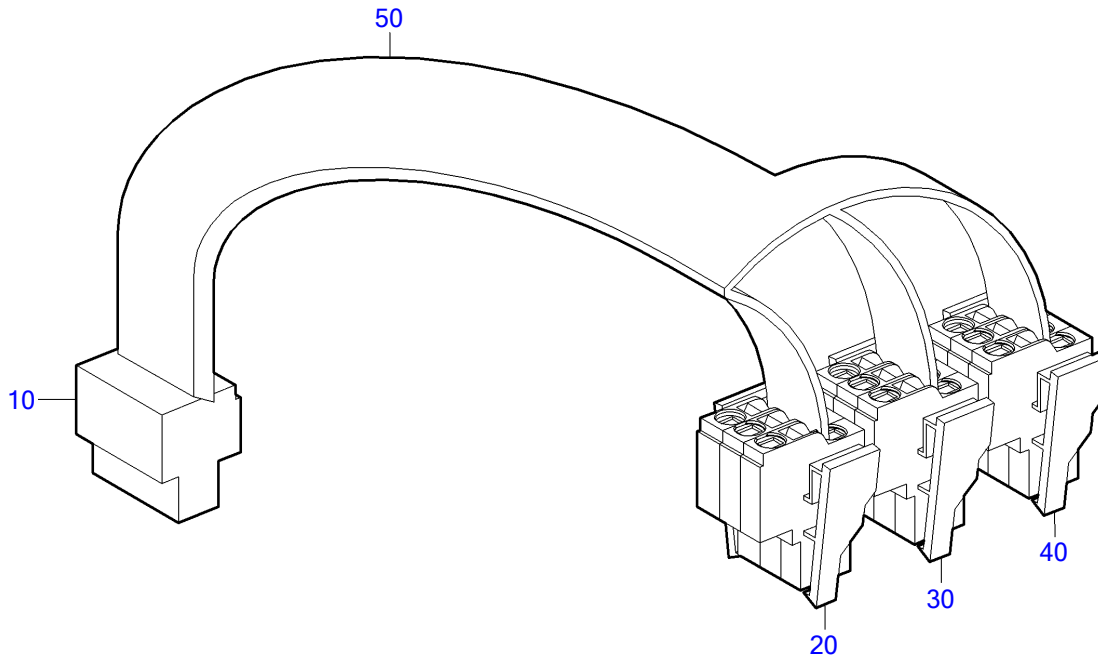
42300050a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
20	X00E50207661	PLUG-IN BOARD	SAB2-04	1	PC	612 G	AB	SAB2-04
40		SOFTWARE	SW_SAM FIRMW. 4_00	1	PC		KE	SW_SAM_FIRMW\VAR_1\ED_4_00
50		SOFTWARE	SW_SAB2-01_URLADER_1_00	1	PC		KE	SW_SAB2-01_URLADER_1_00



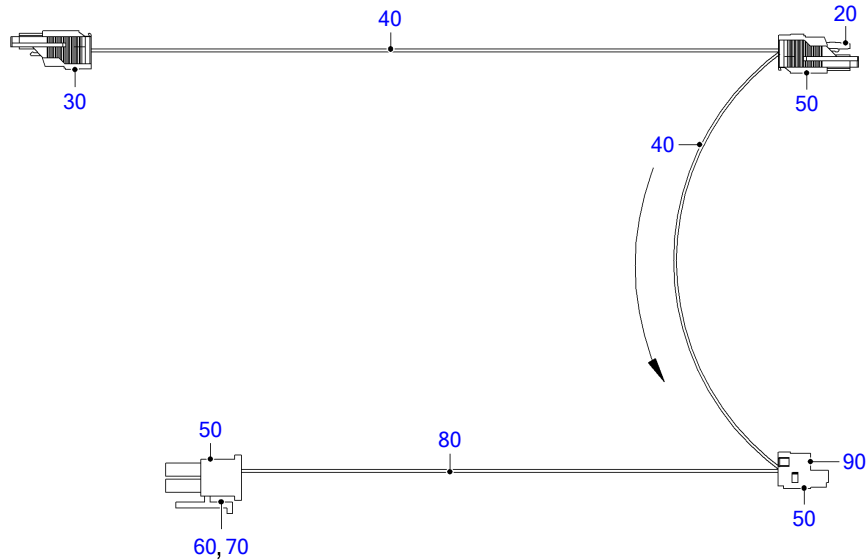
51700501a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	FN	MEASUREMENT
10		BLADE CONNECTOR	2X12 POL.	1	PC	KE	36,9X7X14; RM=3MM; 24POL.;
20		BLADE CONNECTOR	AWG20-24	24	PC	KE	AWG20-24; 5A; 250V; 0,01OHM;
30	0075317780	CABLE	H05Z-K 0,5	3	M		0,5 QMM WEISS
40	0075310581	TERMINAL	12POL.	2	PC	AB	54X13,5X18,6, 12POL, 2KLINKEN,



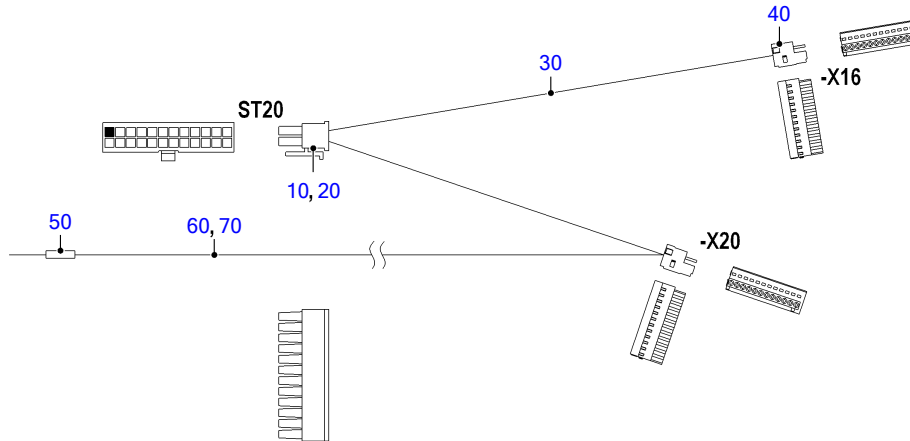
51700505a

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
10	0065314481	SEPARABLE CONNECTOR	B2L3.5 14POL.	1	PC			32X15,6X20,6, 2X7P., 125V/7,5A
20	X00005768	TERMINAL	12POL.	1	PC	20 G	AB	2X3-POL, 2 RASTHACKEN, BEDRUCKT,
30	X00005770	TERMINAL	12POL.	1	PC	20 G	AB	2X3-POL, 2 RASTHACKEN, BEDRUCKT,
40	X00005772	TERMINAL	12POL.	1	PC	20 G	AB	2X3-POL; 2 RASTHACKEN, BEDRUCKT,
50	0075317780	CABLE	H05Z-K 0,5	2	M			0,5 QMM WEISS



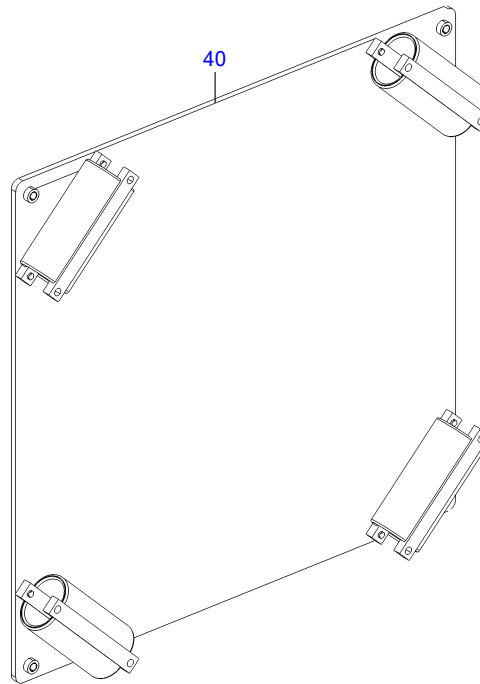
50702804

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
20	0065312081	TERMINAL	STECKTEIL 4POL.-250V/16A	1	PC			38X14,5X30, 4POL., 250V/16A,	
30	X00005775	TERMINAL	STECKTEIL 4POL.250V/16A	1	PC	8,800 G	AB	4-POL,2 RASTHACKEN,BEDRUCKT,CODI	
40	0075319980	CABLE	H05Z-K 1,0	1	M		AB	1,0 QMM WEISS	VDE0282
50	X00E50209110	PLATE F.CONDUCTOR MARKING		3	PC			40X12MM	
60		BLADE CONNECTOR	2X12 POL.	1	PC		KE	36,9X7X14; RM=3MM; 24POL.;	
70		BLADE CONNECTOR	AWG20-24	12	PC		KE	AWG20-24; 5A; 250V; 0,01OHM;	
80	0075317780	CABLE	H05Z-K 0,5	1,500	M			0,5 QMM WEISS	
90	0075310581	TERMINAL	12POL.	1	PC		AB	54X13,5X18,6, 12POL, 2KLINKEN,	



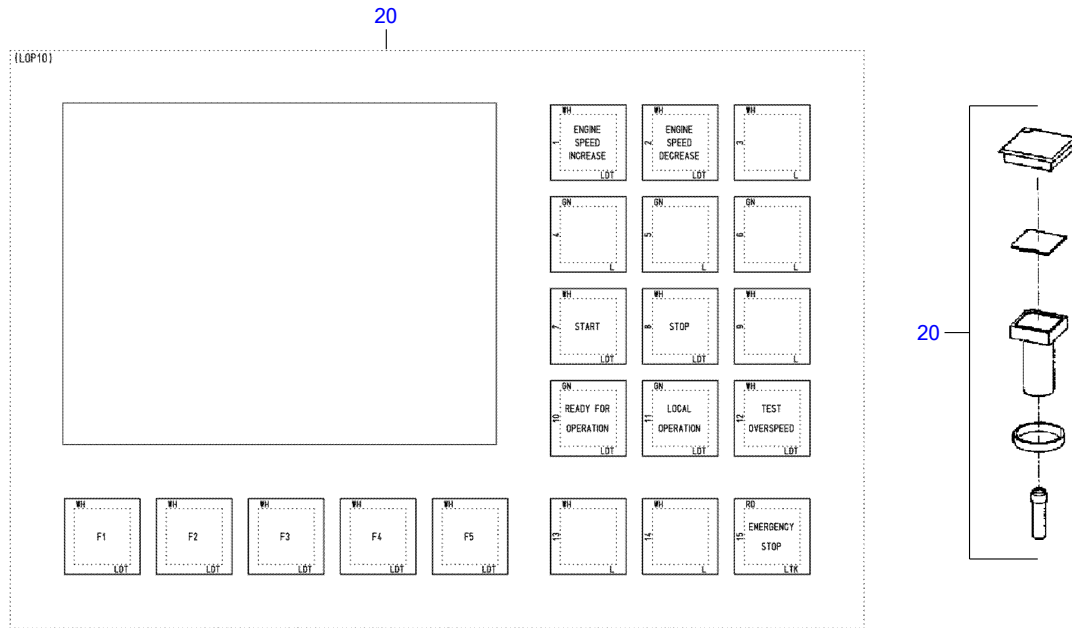
50702805

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	FN	MEASUREMENT
10		BLADE CONNECTOR	2X12 POL.	1	PC	KE	36,9X7X14; RM=3MM; 24POL.;
20		BLADE CONNECTOR	AWG20-24	24	PC	KE	AWG20-24; 5A; 250V; 0,01OHM;
30	0075317780	CABLE	H05Z-K 0,5	3	M		0,5 QMM WEISS
40	0075310581	TERMINAL	12POL.	2	PC	AB	54X13,5X18,6, 12POL, 2KLINKEN,
50	X00E50209110	PLATE F.CONDUCTOR MARKING		1	PC		40X12MM
60	0075317180	CABLE	H05Z-K 0,5	0,900	M		0,5 QMM ROT
70	0075317080	CABLE	H05Z-K 0,5	0,900	M		0,5 QMM BRAUN



50702807

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	FN	MEASUREMENT
40	X00E50206317	DAMPER PLATE	DAEMPFERPLATTE FUER AE1050	1	PC	MN	490X490X51



51701024

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN
20	0015342401	CONTACT BLOCK	MCS-5	20	PC	0,200 G	MN