

# SPARE PART CATALOG

12V4000C65/5472000318



*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.

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## 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.

### 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 on spare parts labels.

### Catalog structure

The catalog is divided into Function Groups (FG) and Function Group Segments (FGS) in ascending order according to the MTN 5153 works standard.


### Catalog pages

Depending on the type of the product, the header of the page contains the following information:

- **EQUIPMENT TYPE** or **EQUI TYPE** = e.g.: Engine, Gas Turbine, Automation, System; ...
- **PRODUCT TYPE** = e.g.: 16V4000M93 for EQUI TYPE "Engine", e.g. LM2500 for EQUI TYPE "Gas Turbine"
- **SERIAL NUMBER** = Serial number of a product type
- **BOM-No.** = Bill of material number
- **FUNCTION GROUP** or **FG** = Classification feature of the product according to works standard MTN 5153
- **FG/FGS** = Function Group/Function Group Segment
- **FG DESIGNATION**= Designation of the Function Group according to works standard MTN5153
- **GROUP NAME** = Designation of the bill of material

### Table columns

The table contains the following columns depending on the product type.

-  Refers to the catalog page showing a detailed illustration of the part.
- **POS.** (position number): Provides a cross-reference between illustration and text section.
- **PART NO.:** This is the valid number for ordering the part in question (SAP material number).
- **DESIGNATION:** The precise MTU part name (description of the material in SAP).
- **MODEL/TYPE:** Is an additional specification.
- **QTY.** (quantity in unit):  
Indicates the quantity of this part required for the installation position shown in the illustration.  
Quantities not stated are available on request.
- **UNITS:** The unit of the specified quantity.  
PC=Piece, KG= Kilogram, M= Meter, ROL= Roll, PAK= Pack
- **WEIGHT:** Weight of the part in question.
- **FN** (footnote): Provides additional parts information. For clarification of footnote symbols, see next page.
- **MEASUREMENT:**  
The dimensions of the part in question.  
For purchase parts, this column may contain the name of the manufacturer.
- **STANDARD:** The applicable standard for the part in question.

**Key to the footnotes (column "FN")**

- 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 parts.
- EMN** Emission-relevant parts. Component only available complete.
- KD** Group balancing required.
- KE** Individual part; not scheduled as a spare part.
- KF** Calibrated spare part.
- KFN** Calibrated 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:

- Product type
- Serial No. (see nameplate)
- FG/FGS
- Item
- Part number
- Designation
- Model/Type
- Quantity
- Page

When ordering spare parts for ancillary equipment such as injection pump, fuel delivery pump, 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 Code 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.: 5005362810/76)

Phone orders should be confirmed in writing to prevent errors.

## Ordering Example

Product Type	Serial No.	FG/FGS	Pos	Part number	Designation	Qty.	Page
16V4000R41	527101836	031 88	5	5270300701	Crankshaft	1	33
		083 05	5	0020922801	Fuel filter spin-on	1	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 part number:

For instance: **E** 524 010 35 20 = **New component in exchange program**  
**R** 524 010 35 20 = **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.

## Emission regulations and emission labels

### Responsibility for compliance with emission regulations

Modification or removal of any mechanical/electronic components or the installation of additional components including the execution of calibration processes that might affect the emission characteristics of the product are prohibited by emission regulations. Emission control units/systems may only be maintained, exchanged or repaired if the components used for this purpose are approved by the manufacturer. Noncompliance with these regulations will invalidate the design type approval issued by the emissions regulation authorities. The manufacturer does not accept any liability for violations of the emission regulations.

The maintenance schedules of the manufacturer must be observed over the entire life cycle of the product.

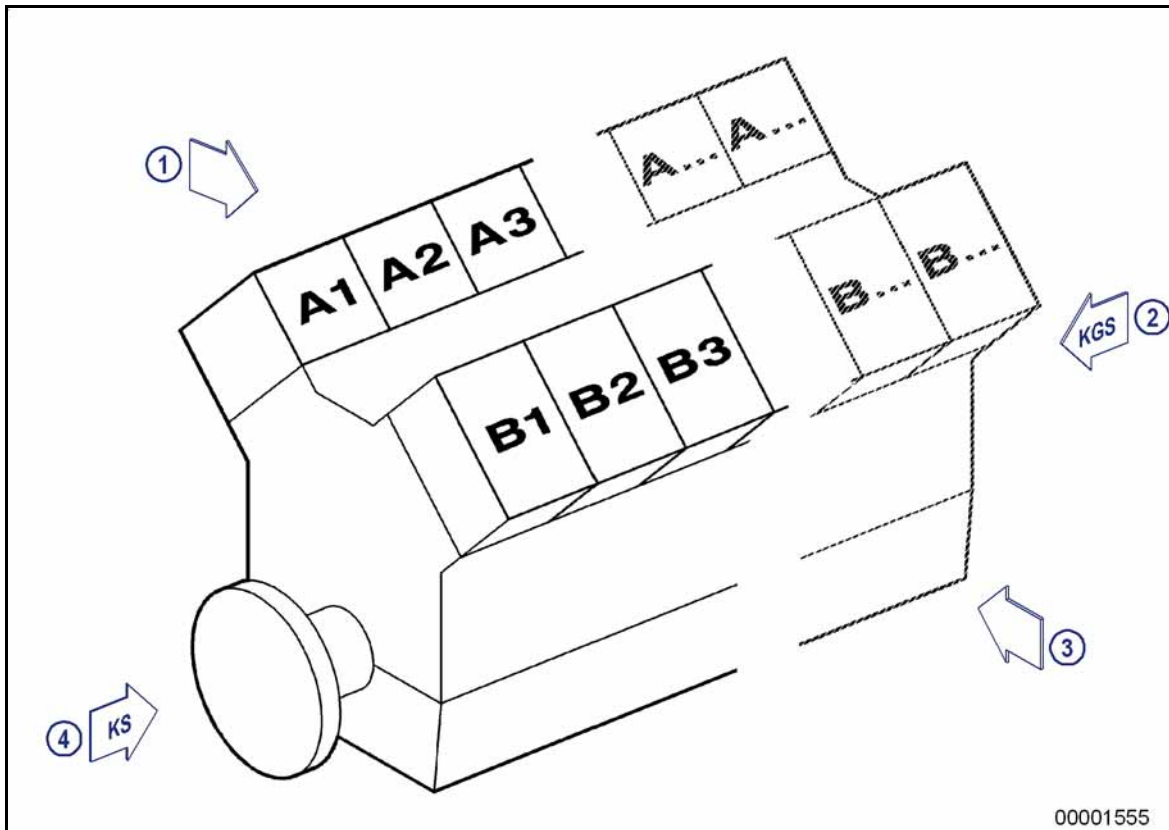
### Replacing components with emission labels

Emission labels are attached to all MTU engines. These must remain on the engine throughout its operational life. Engines used exclusively in land-based, military applications other than by US government agencies are excepted from this proviso.

Please note the following when replacing components with emission labels:

- Appropriate emission labels must be affixed on spare parts.
- Emission labels may not be transferred from old components to new ones.
- Emission labels on old components must be removed and destroyed.

### Engine side and cylinder designations



- |   |   |
|---|---|
| 1 Left engine side (A-side)   | 3 Right engine side (B-side)  |
| 2 Engine free end in accordance with<br>DIN ISO 1204<br>(KGS = Kupplungsgegenseite) | 4 Engine driving end in accordance with<br>DIN ISO 1204 (KS = Kupplungsseite) |

Engine sides are always designated (in accordance with DIN ISO 1204) as viewed from driving end (4).

For cylinder designation (in accordance with DIN ISO 1204) the letter "Ax" refers to the cylinders on the left-hand side of the engine (1) and letter "Bx" refers to the cylinders on the right-hand side (3). The cylinders of each bank are numbered consecutively, starting with x=1 at driving end (4).

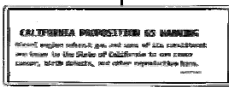
The numbering of other engine components also starts with 1 at driving end (4).

FG FG DESIGNATION  
004 LABELS AND AUXILIARY MATERIALS  
011 CRANKCASE  
014 OIL PAN  
015 ENGINE MOUNTING  
016 END HOUSING, DRIVING END AND FREE END  
018 CRANKCASE BREATHER  
024 GEARCASE, AUX PTO END  
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  
081 FUEL PIPEWORK BEFORE DELIVERY PUMP  
082 FUEL PIPEWORK FROM DELIVERY PUMP TO FILTER  
083 FUEL FILTER  
084 FUEL PIPEWORK FROM FILTER TO INJECTION PUMP / HP PUMP  
086 LEAK-OFF FUEL LINE / FUEL RETURN  
087 LEAK-OFF FUEL MONITORING  
101 EXHAUST TURBOCHARGER, GENERAL OR H.P. TURBOCHARGER  
111 CHARGE AIR COOLING, GENERAL, LEFT SIDE  
113 CHARGE AIR COOLING, GENERAL, RIGHT SIDE  
114 CHARGE AIR COOLING, CENTRAL  
123 AIR SYSTEM  
124 AIR SUPPLY TO CYLINDERS  
125 AIR ROUTING BETWEEN TURBOCHARGER AND CHARGE-AIR COOLER  
141 EXHAUST SYSTEM AFTER CYLINDER HEAD  
144 EXHAUST FLOW CONTROL FLAP WITH CONTROLS  
145 EXHAUST SYSTEM AFTER TURBOCHARGER  
146 EXHAUST DUCTING AFTER ENGINE (TO END OF EXH. AFTERTREATMENT)  
148 EXHAUST RECIRCULATION  
172 ELECTRIC STARTING  
181 LUBE OIL PUMP AND DRIVE  
183 OIL FILTRATION/COOLING  
184 CRANKCASE-INTERNAL OIL SUPPLY  
202 COOLANT CIRCUIT, GENERAL, HT CIRCUIT  
203 LOW-TEMPERATURE CIRCUIT  
206 COOLANT PIPEWORK WITH THERMOSTAT  
213 GENERATOR  
221 MECHANICAL FAN DRIVE

**FG FG DESIGNATION**231 **ENGINE MOUNTING**251 **STEEL-SPRING COUPLING**259 **AUXILIARY PTO, SIDE-MOUNTED**301 **GENERAL ACCESSORIES**364 **FUEL SUPPLY SYSTEM (FOR PERIPHERAL APPLICATIONS)**367 **COOLANT SUPPLY SYSTEM**507 **WIRING, GENERAL, FOR ENGINE/GEARBOX/PLANT**508 **ACCESSORIES FOR ENGINE GOVERNOR (ELECTRONIC) CONTROL SYSTEM**541 **GOVERNOR-RELATED DATA**ZZ **loose accessories**

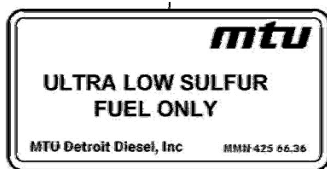
GROUP SEGMENT (FGS)  
 GROUP NAME  
 BOM-No.

05  
 EPA-T4 LABEL NONR NOGENSET GR560KW T4  
 XS524000.00081



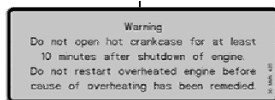
0000276

05  
 FUEL-TANK LABEL ULT.LOW SULFUR FUEL  
 XS524000.00091



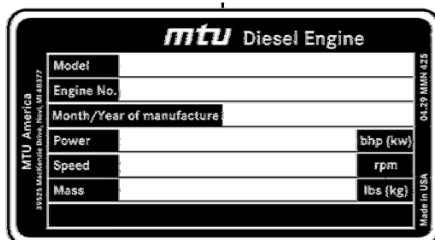
0000193

05  
 PLAQUARD POSSIBLE EXPLOSION HAZARD  
 XS524000.00104



0000161

05  
 TYPE PLATE USA ENGLISH  
 XS524000.00115



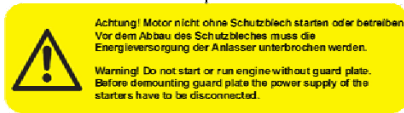
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GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.

05  
PLACARD  
XSD01000.00004



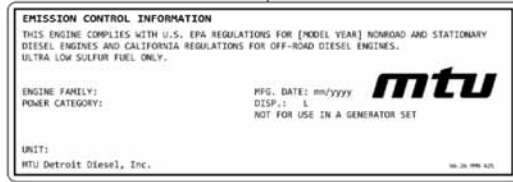
096031F6

05  
SAFETY PLATE F/ AIR/EXH FLAP  
XSD01000.00006

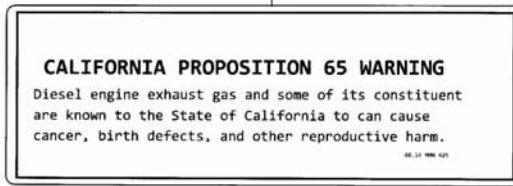


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30



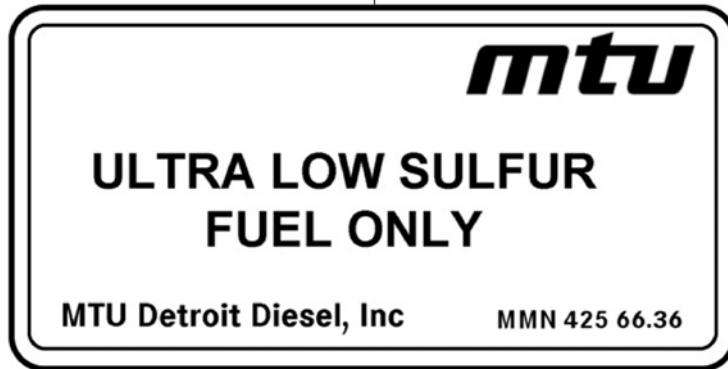
40



00400276

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	FN	MEASUREMENT	STANDARD
	30	700425000208	EMI-LABEL NONR NOGEN GR560 T4	1	PC	EM	66.26	MMN425
	40	700425000191	EMI-LABEL CALIFORNIA PROP.65	1	PC	EM	66.14	MMN425

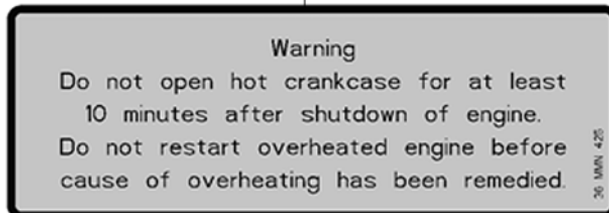
20



00400193

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	20	700425000218	EMI-LABEL FUEL TANK U.L.S.F.O	1	PC	0.300 g	EM	66.36	MMN425

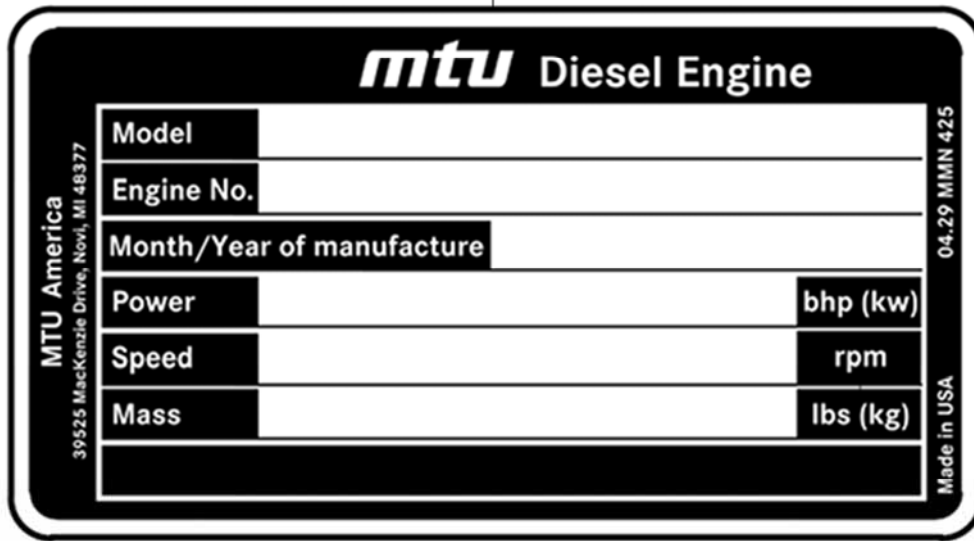
150



00400161

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	150	700425000039	PLATE	4	PC	2.300 g	36	MMN425

20



TD0000006053\_004

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	20	700425000237	NAMEPLATE FOR DIESEL ENGINE	1	PC	6.700 g	EM	04.29	MMN425


100



Achtung! Motor nicht ohne Schutzblech starten oder betreiben.  
Vor dem Abbau des Schutzbleches muss die  
Energieversorgung der Anlasser unterbrochen werden.

Warning! Do not start or run engine without guard plate.  
Before demounting guard plate the power supply of the  
starters have to be disconnected.


00400146

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
	100	X54700400018	PLACARD	2	PC	0.001 kg



100,200

00400194

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
	100	<b>XD0000400001</b>	PLACARD CRUSHING HAZARD	2	PC	0.200 g
	200	<b>XD0000400001</b>	PLACARD CRUSHING HAZARD	1	PC	0.200 g

CRANKCASE

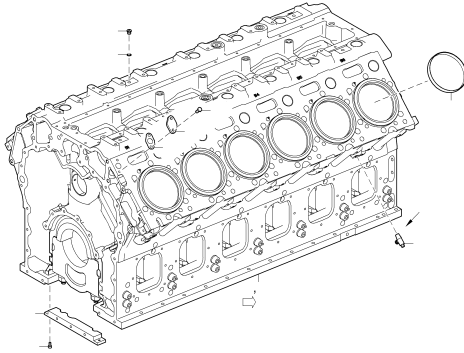
FG/FGS: 011

GROUP SEGMENT (FGS)

GROUP NAME

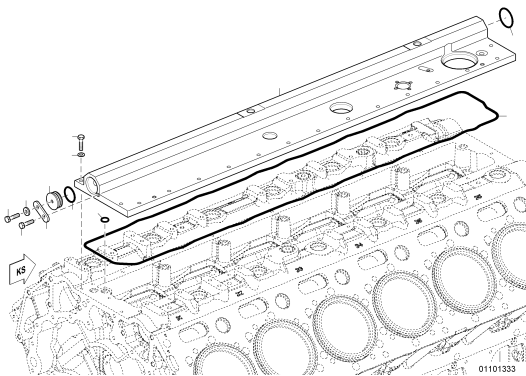
BOM-No.

05  
**CRANKCASE**  
XS547010.00185



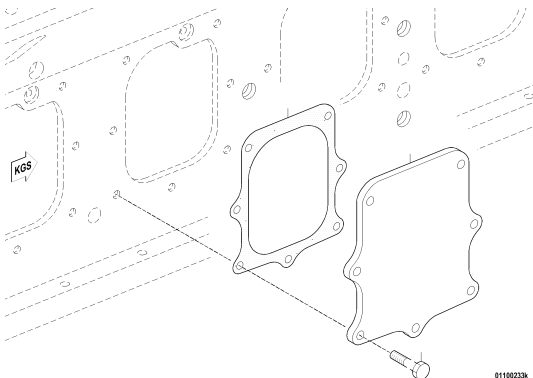
01101938

15  
**CRANKCASE COVER FOR MOBILE APPLICS**  
XS547010.00022



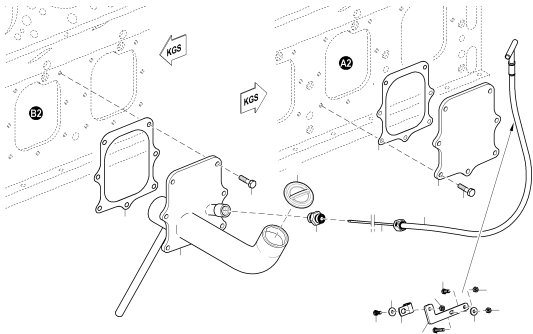
01101333

30  
**INSPECT PORT COVER**  
XS593010.00008

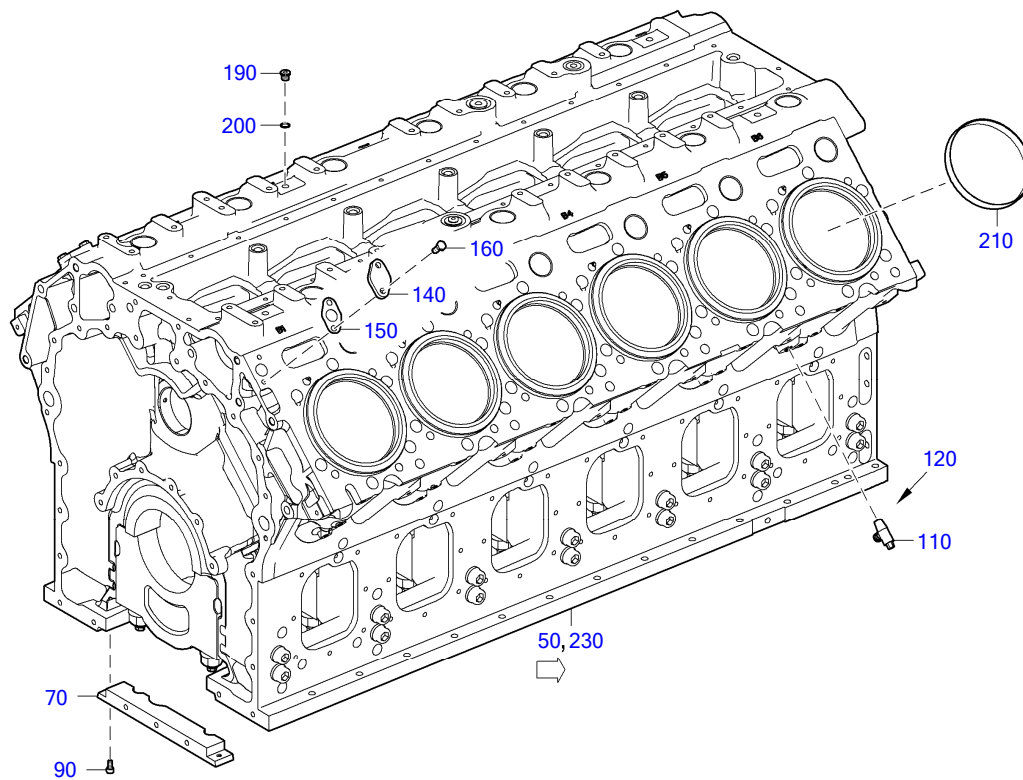


01100233k

40  
**OIL FILLER NECK WITH OIL DIPSTICK**  
XS547010.00215



TD0000015623\_011



01101938

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
14	50	<b>X54701100128</b>	CRANKCASE FOR 12V	1	PC	1951.821 k	EM		
	70	<b>X52401100023</b>	STRIP	1	PC	2.800 kg			
	90	<b>000912008115</b>	BOLT HEX SOC HD	2	PC	11.400 g		M 8 X 16	DIN912
	110	<b>0049976736</b>	VALVE DRAIN	2	PC	125.000 g			
	120	<b>50155</b>	TAPE SEALING PTFE	1	PC	0.014 kg		12 X 0,1	MTS5034
	140	<b>5240110045</b>	COVER CRANKCASE BREA THER	2	PC	170.000 g			
	150	<b>5501871280</b>	GASKET	2	PC	1.100 g			
	160	<b>00000003021</b>	HEX SCREW	4	PC	22.800 g		M 10 X 25	ISO4017
	190	<b>000908014001</b>	SCREW PLUG	3	PC	0.016 kg		M 14 X 1,5	DIN908
	200	<b>007603014102</b>	COPPER SEALING RING	3	PC	1.000 g		A 14 X 18	DIN7603
	210	<b>5240110259</b>	RING CARBON SCRAPPER	12	PC	200.000 g			
	230	<b>EX54701100128</b>	CRANKCASE FOR 12V	1	PC		MN EM		

EQUI TYPE: Engine

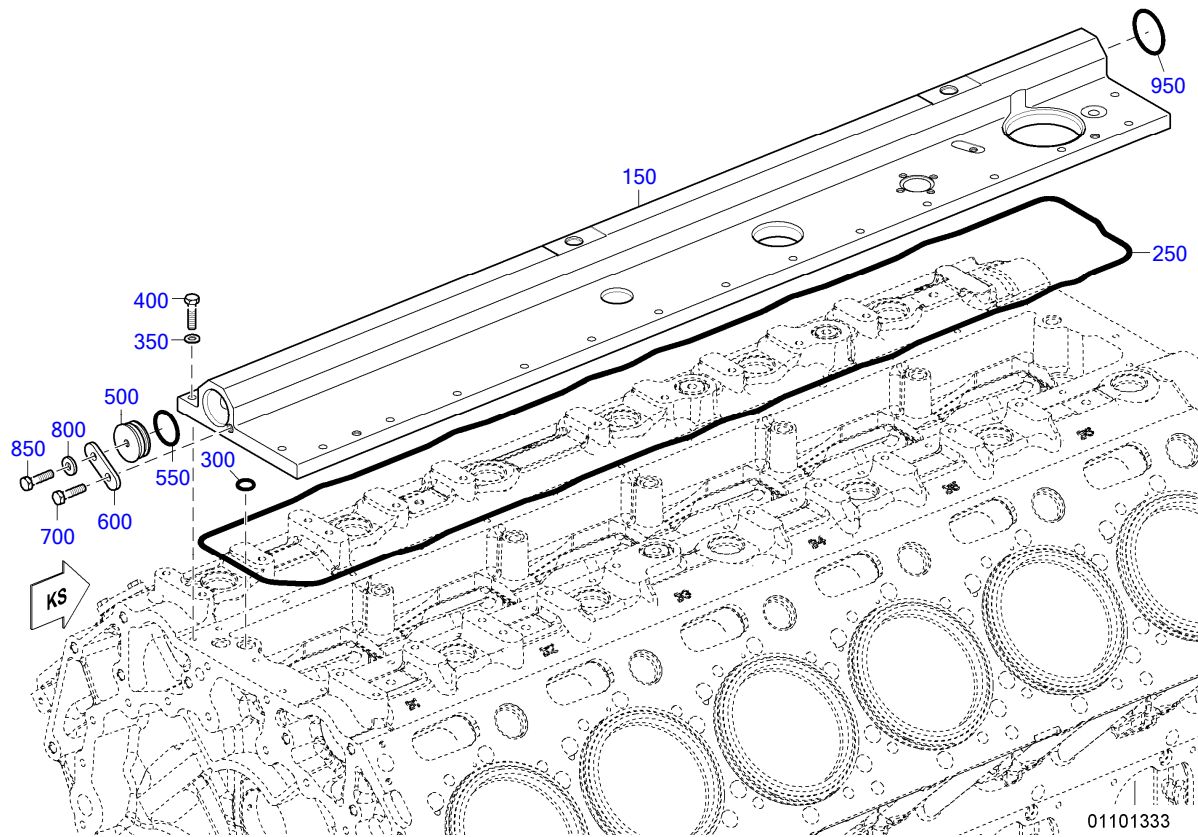
PRODUCT TYPE: 12V4000C65  
CRANKCASE FOR 12V

SERIAL NUMBER: 5472000318

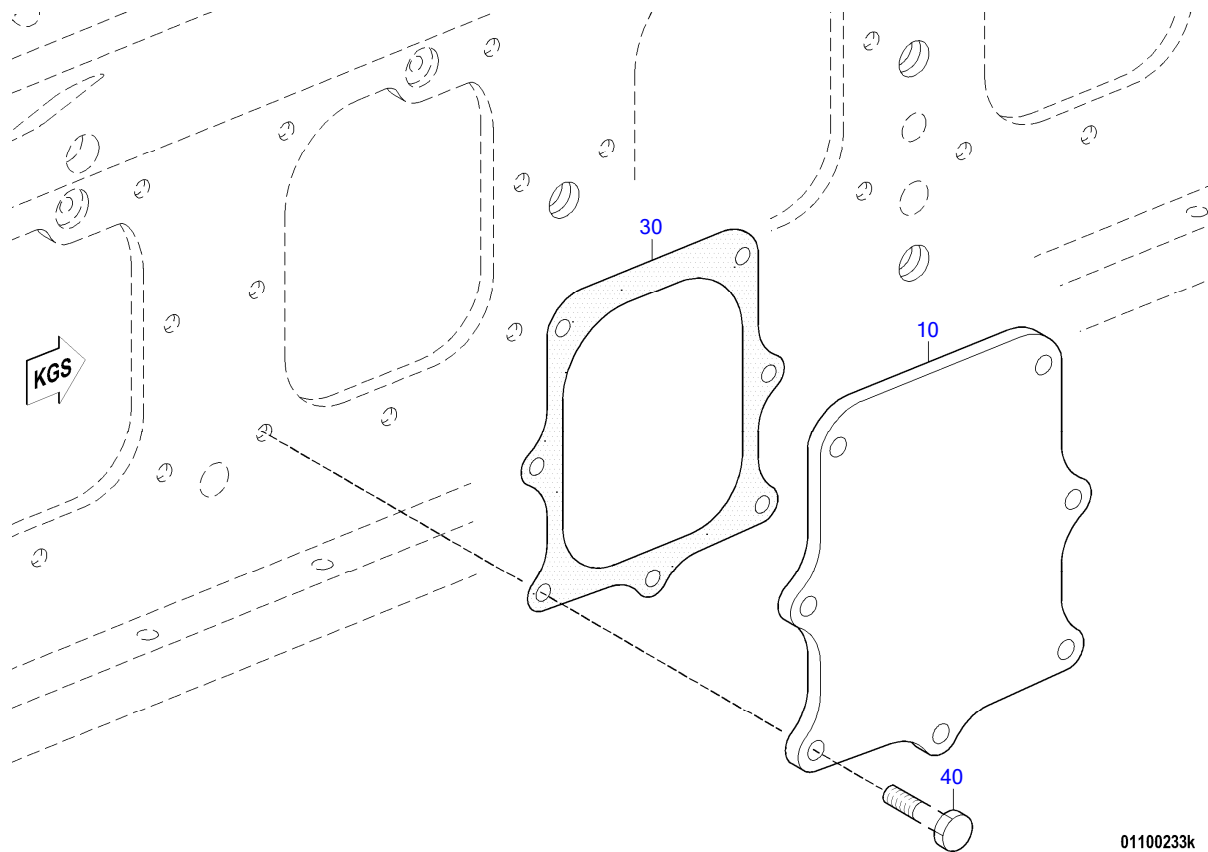
FG/FGS:

BOM-No.: X54701100128

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
	20	X54701100127	CRANKCASE FOR 12V	1	PC	1621.000 k	EM	
	30	X52901100008	CRANKSHAFT BRG CAP	7	PC	13.303 kg		
	40	X54701100013	STUD F/CRANKSHFT BEARING	14	PC	1.100 kg		
	50	X54701100010	COLLAR NUT	14	PC	205.600 g		
	60	X52999100023	SCREW W. INTERNAL HEX.	28	PC	489.100 g		M 20 X 1,5 X 175,5
	70	5249970020	SEALING CAP	24	PC	62.600 g		D 50
	80	5240510110	BEARING CAMSHAFT STD	7	PC	136.600 g		
	90	X52901100019	BUSHING	2	PC	48.100 g		
	110	X54701300044	CYLINDER LINER STAGE 0	12	PC	16.876 kg	EM	
	140	5550110259	SEALING RING	24	PC	24.700 g		
	160	X54799100238	O-RING	12	PC	5.700 g		

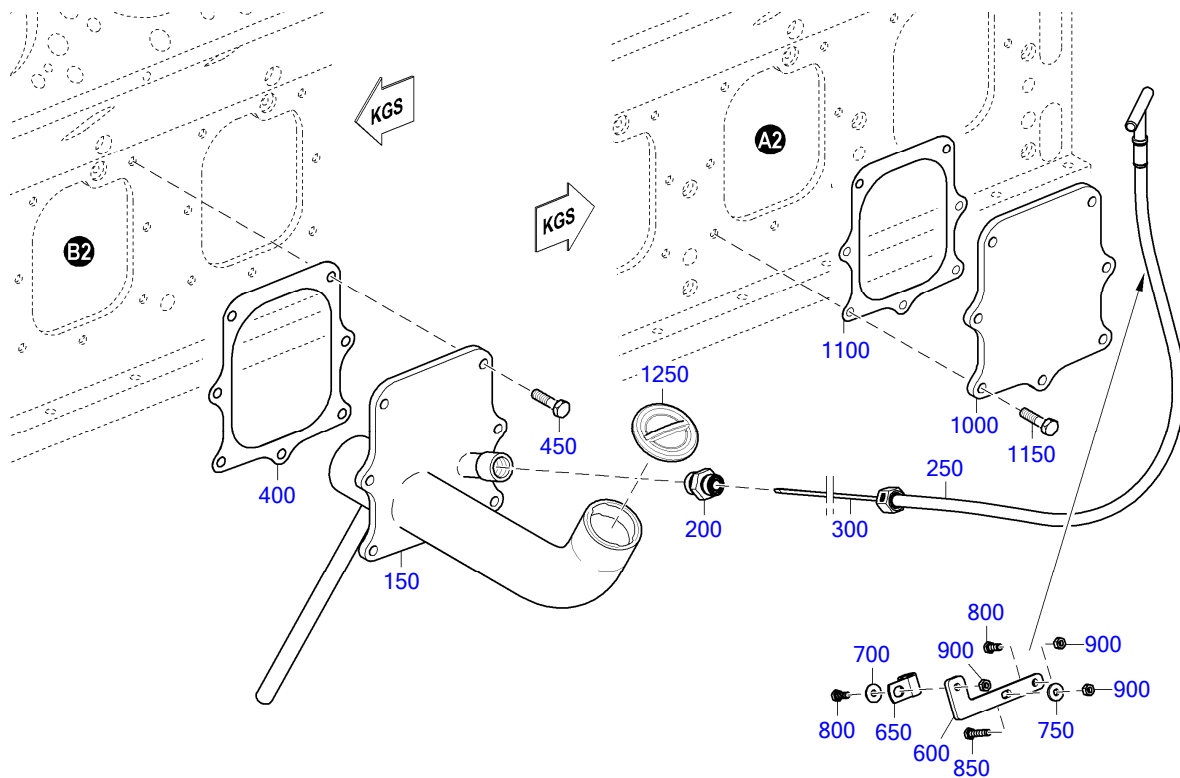


☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	150	X54701100021	CRANKCASE COVER	1	PC	27.000 kg		
	250	5269970345	SEAL STRIP	1	PC	138.400 g	1057X5	
	300	700429018005	O-RING	8	PC	1.900 g	18 X 4	MMN429
	350	5509901540	WASHER	29	PC	4.800 g		
	400	00000000897	HEX SCREW	29	PC	29.800 g	M 10 X 40	ISO4017
	500	735084050000	PLUG	1	PC	103.900 g	50	MTN5084
	550	700429042000	O-RING	1	PC	6.200 g	42 X 5	MMN429
	600	5249950059	STRAP	1	PC	75.000 g		
	700	000000003020	HEX SCREW	1	PC	20.000 g	M 10 X 20	ISO4017
	800	007349010002	WASHER	1	PC	11.000 g	10,5	DIN7349
	850	000000003706	HEX SCREW	1	PC	18.300 g	M 10 X 16	ISO4017
	950	700429055001	O-RING	1	PC	8.000 g	55 X 5	MMN429



01100233k

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	5240110732	COVER CYL BLOCK ACCE SS PORT	1	PC	2.800 kg		
	30	5240111380	GASKET	1	PC	25.000 g		
	40	00000003021	HEX SCREW	7	PC	22.800 g	M 10 X 25	ISO4017



TD0000015623\_011

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	150	X52601100082	INSPECT PORT COVER W:PIPE+OIL FILL.NEC		1	PC	4.920 kg		
	200	5319974272	FITTING		1	PC	100.000 g		
	250	X52601400013	GUIDE TUBE FOR OIL DIPSTICK	BR4000	1	PC	0.160 kg		
	300	X54799101303	OIL DIPSTICK		1	PC	0.114 kg		
	400	5240111380	GASKET		1	PC	25.000 g		
	450	000000003021	HEX SCREW		7	PC	22.800 g	M 10 X 25	ISO4017
	1000	5240110732	COVER CYL BLOCK ACCE SS PORT		1	PC	2.800 kg		
	1100	5240111380	GASKET		1	PC	25.000 g		
	1150	000000003021	HEX SCREW		7	PC	22.800 g	M 10 X 25	ISO4017
	1250	0000181802	OIL FILL CAP		1	PC	110.000 g		
		916016012201	CLAMP		1	ST	21.000 g	BRSQU 12/20	N16016
		000125008427	WASHER		2	ST	1.500 g	A 8,4	DIN125
		304017008079	HEX SCREW		1	ST	11.700 g	M 8 X 20	ISO4017

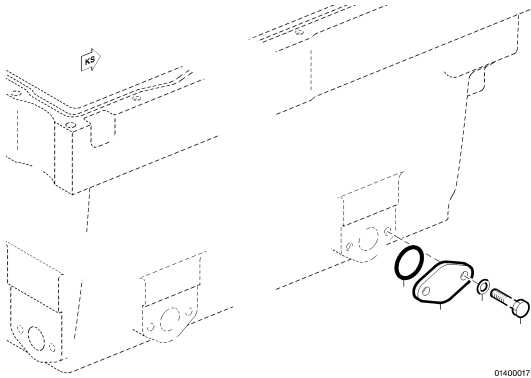
OIL PAN

FG/FGS: 014

GROUP SEGMENT (FGS)

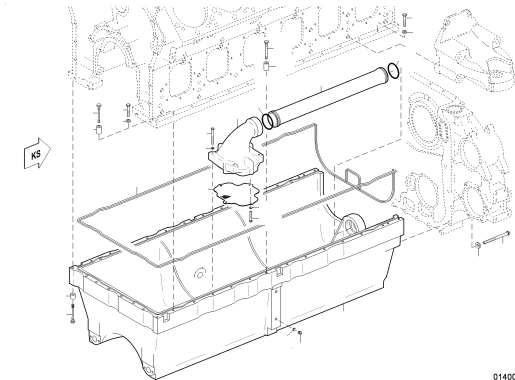
GROUP NAME

BOM-No.



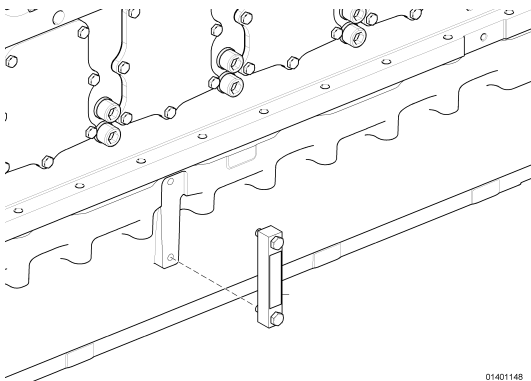
05  
**SEAL ELEM.**  
010.00140

01400017b



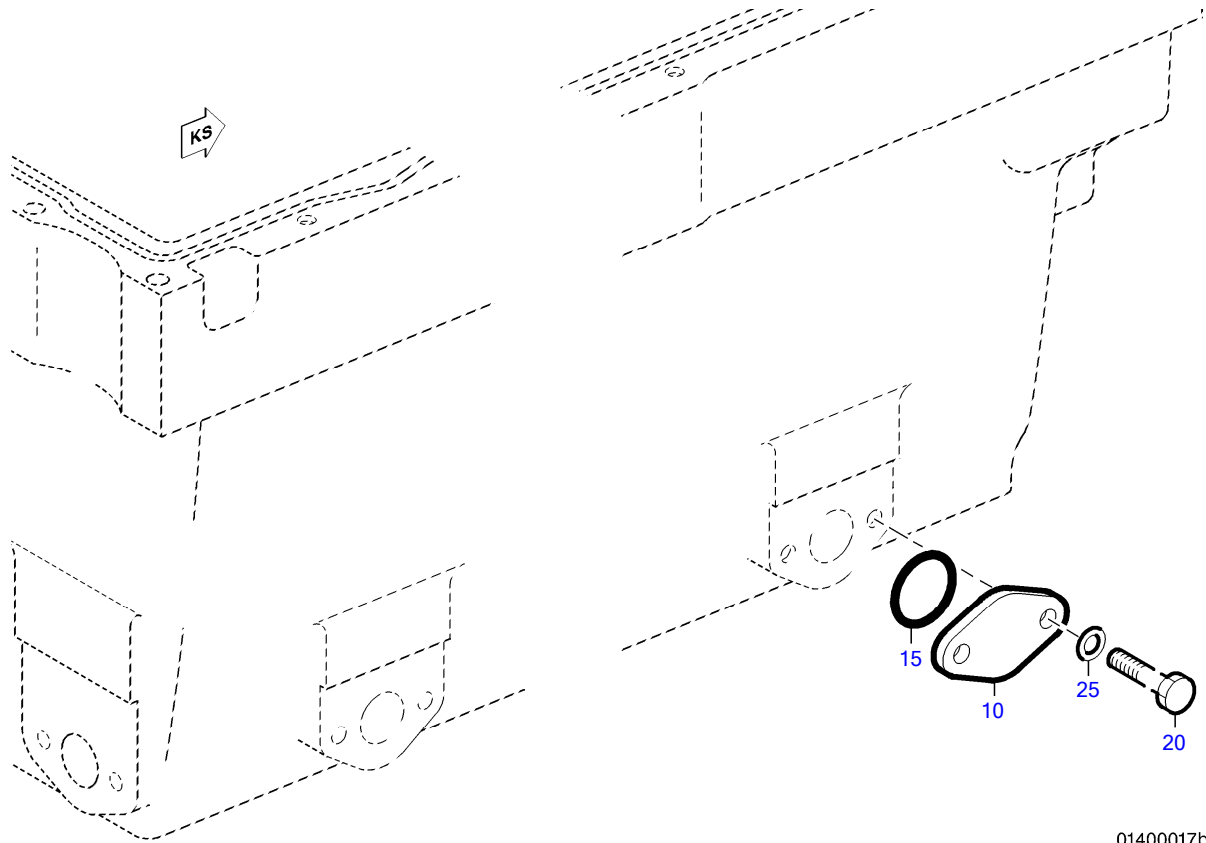
05  
**OIL PAN OF ALUMINIUM**  
XS594010.00071

01400748d



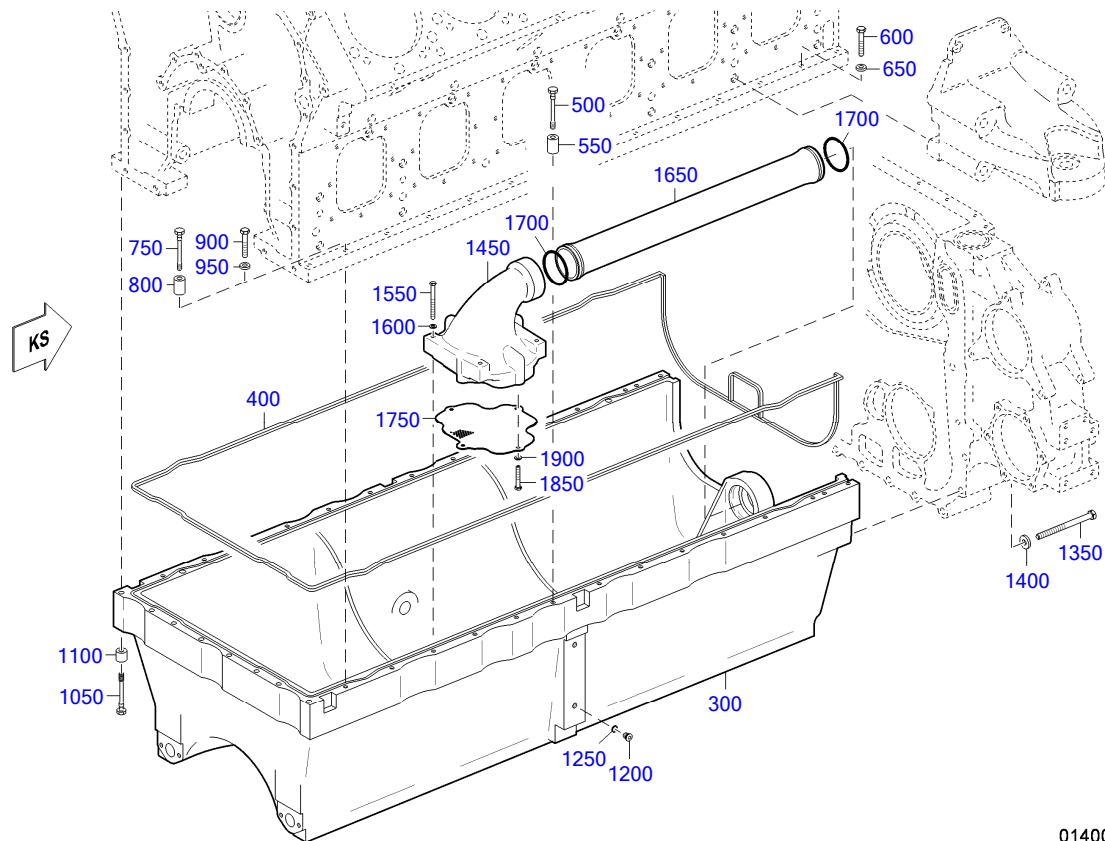
10  
**OIL LEVEL SIGHT GAGE**  
XS594010.00076

01401148



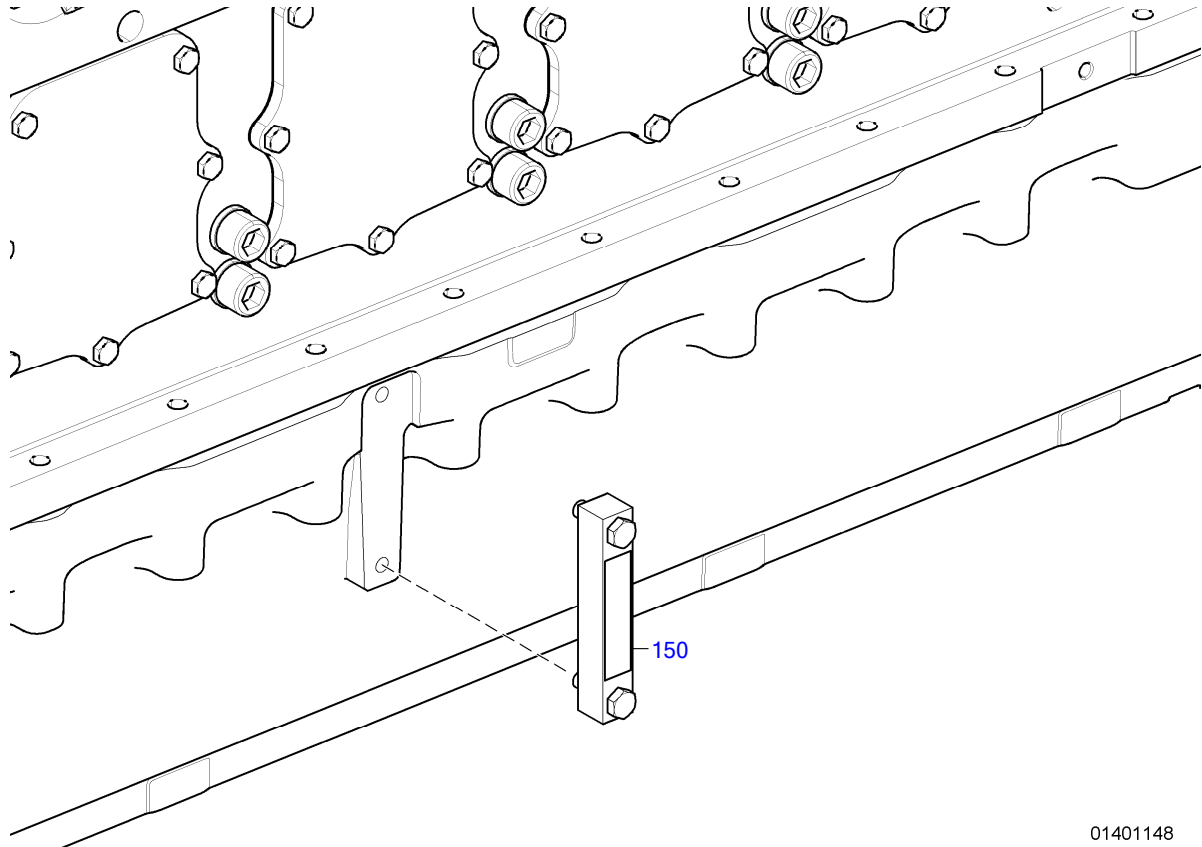
01400017b

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	5500140745	FLANGE	1	PC	55.400 g		
	15	700429035000	O-RING	1	PC	3.400 g	35,5 X 4	MMN429
	20	000000003021	HEX SCREW	2	PC	22.800 g	M 10 X 25	ISO4017
	25	000125010524	WASHER	2	PC	3.100 g	A 10,5	DIN125



01400748d

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	300	<b>X59401400015</b>	OIL PAN	1	PC	116.500 kg		
	400	<b>5269870535</b>	SEAL RUBBER STRIP 3629.0	1	PC	0.415 kg		
	500	<b>700209010208</b>	STRESS BOLT	14	PC	50.000 g	B M 10 X 90	MMN209
	550	<b>5240140253</b>	SPACER SLEEVE	14	PC	105.000 g	11MM X 24MM L=37	
	600	<b>000931010105</b>	HEX SCREW	10	PC	43.900 g	M 10 X 60	DIN931
	650	<b>735151010100</b>	SPACER	10	PC	11.000 g	A 10,5	MTN5151
	750	<b>700209010208</b>	STRESS BOLT	4	PC	50.000 g	B M 10 X 90	MMN209
	800	<b>5240140253</b>	SPACER SLEEVE	4	PC	105.000 g	11MM X 24MM L=37	
	900	<b>000931010105</b>	HEX SCREW	4	PC	43.900 g	M 10 X 60	DIN931
	950	<b>735151010100</b>	SPACER	4	PC	11.000 g	A 10,5	MTN5151
	1050	<b>700209010208</b>	STRESS BOLT	8	PC	50.000 g	B M 10 X 90	MMN209
	1100	<b>5240140153</b>	SPACER SLEEVE	8	PC	60.000 g	11MM X 24MM L=22	
	1200	<b>000908012003</b>	THREAD PLUG	2	PC	11.900 g	M 12 X 1,5	DIN908
	1250	<b>007603012111</b>	COPPER SEALING RING	2	PC	0.700 g	A 12 X 15,5	DIN7603
	1350	<b>000931012176</b>	HEX SCREW	10	PC	138.500 g	M 12 X150	DIN931
	1400	<b>007349013002</b>	WASHER	10	PC	24.500 g	13	DIN7349
	1450	<b>X00020248</b>	ELBOW SUMP OIL PICKU P ASM	1	PC	3.326 kg		
	1550	<b>000931008189</b>	HEX SCREW	4	PC	35.600 g	M 8 X 85	DIN931
	1600	<b>007349008002</b>	WASHER	4	PC	7.900 g	8,4	DIN7349
	1650	<b>X00006300</b>	TUBE ASM C23	1	PC	2.940 kg		
	1700	<b>700429070000</b>	O-RING	2	PC	0.010 kg	70 X 5	MMN429
	1750	<b>X00020254</b>	STRAINER	1	PC	375.000 g		
	1850	<b>304017008087</b>	HEX SCREW	4	PC	21.300 g	M 8 X 50	ISO4017
	1900	<b>000125008427</b>	WASHER	4	PC	1.500 g	A 8,4	DIN125



01401148

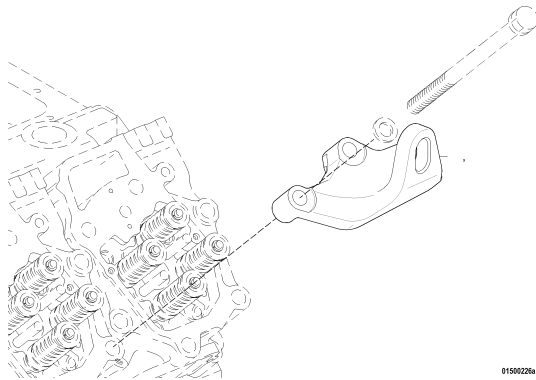
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	150	X59699100072	OIL INSP: WINDOW	1	PC	210.300 g

GROUP SEGMENT (FGS)

GROUP NAME

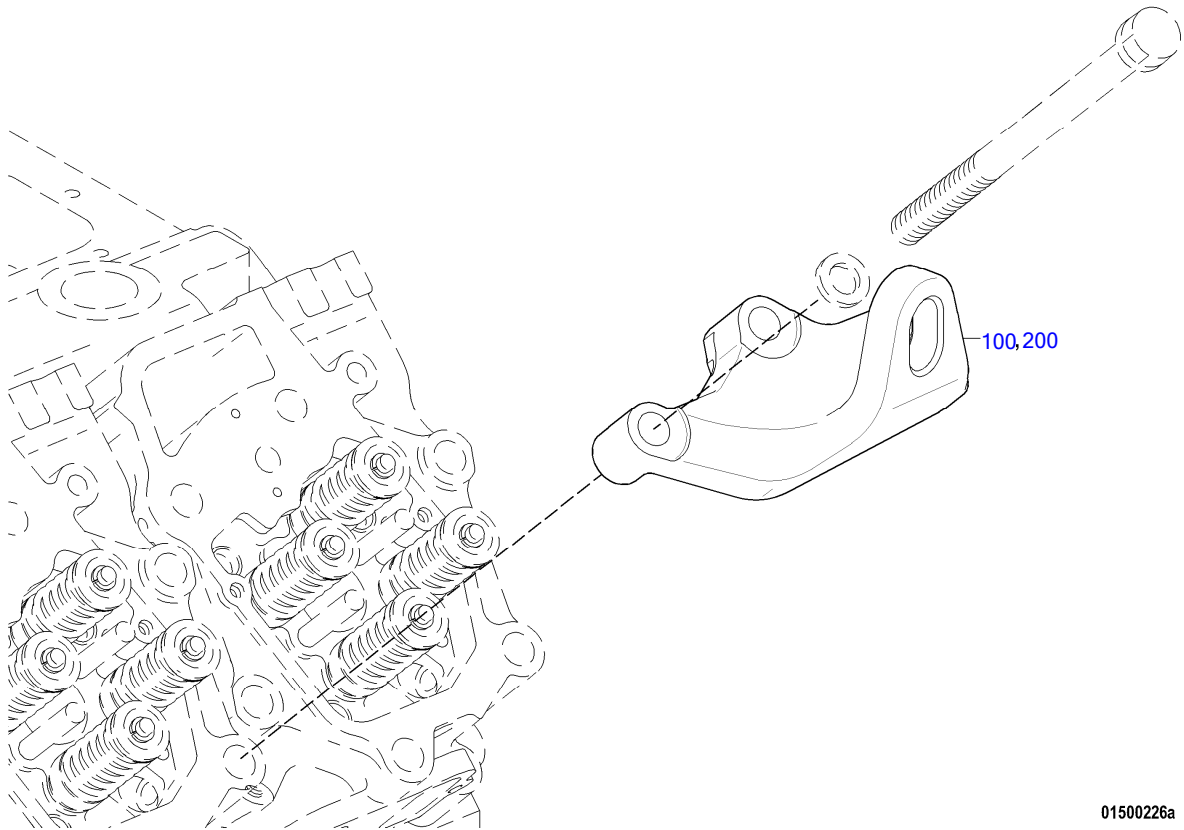
BOM-No.

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05  
**ENGINE MOUNTING REINFORCED**  
XS596010.00036

01500226a



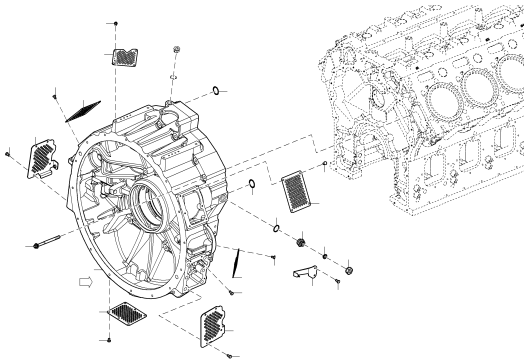
01500226a

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
	100	X52801500002	LIFTING EYE	2	PC	9.500 kg
	200	X52801500002	LIFTING EYE	2	PC	9.500 kg

GROUP SEGMENT (FGS)

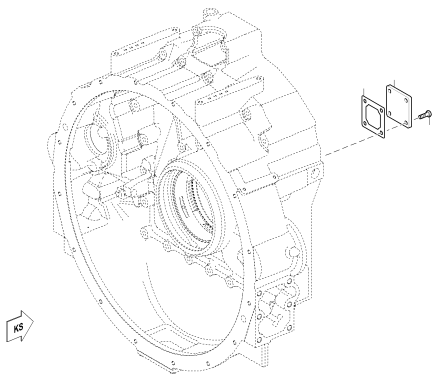
GROUP NAME

BOM-No.



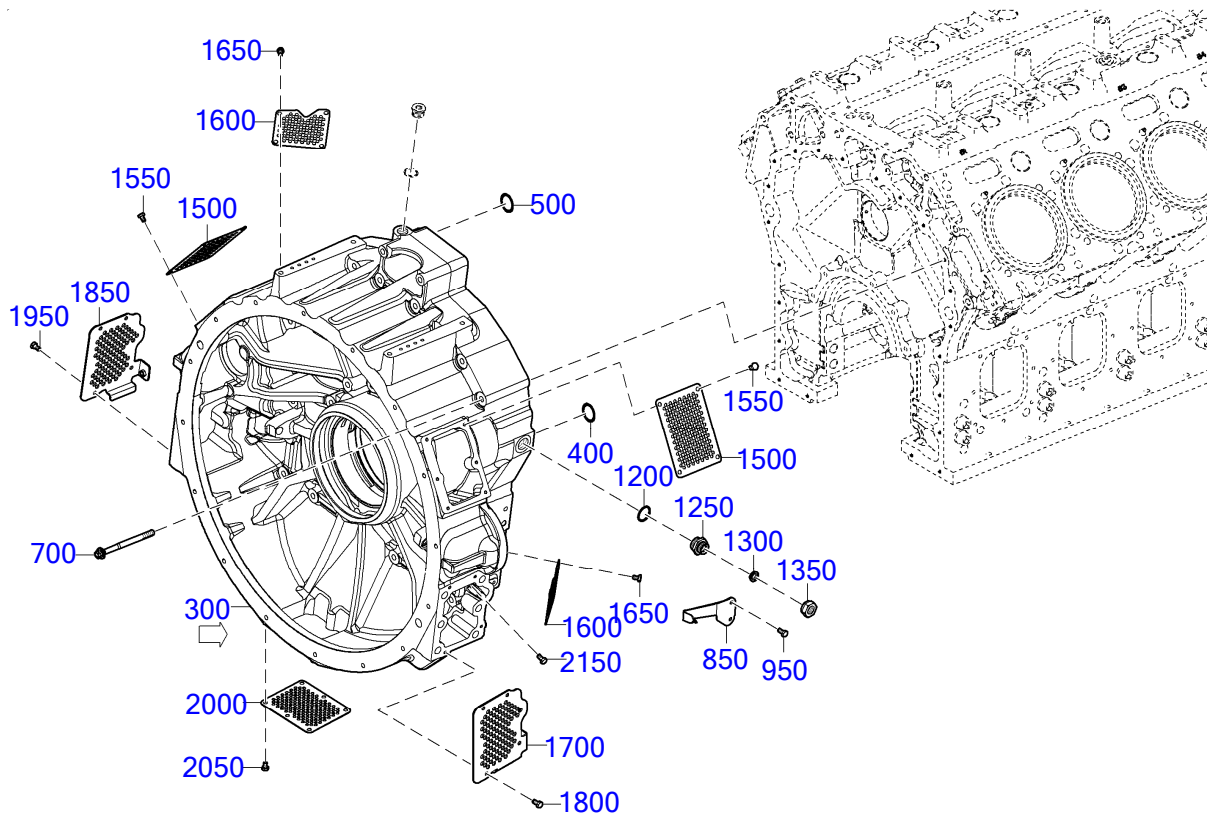
30  
FLYWHEEL HOUSING DRY  
XS547010.00126

01601050



30  
END COVER ON FLYWHEEL HSNG  
XS547990.00121

01600908



01601050

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	26	300	<b>X52901600022</b> FLYWHEEL HOUSING LONG	1	PC	295.500 kg		
		400	<b>700429033001</b> O-RING	2	PC	5.100 g	33 X 5	MMN429
		500	<b>700429020003</b> O-RING	2	PC	2.100 g	20 X 4	MMN429
		700	<b>X54799101043</b> TORX SCREW	33	PC	131.800 g	M12X147-12.9	
		850	<b>X54701600018</b> DEAD-CENTER INDICATR ON FLYWHEEL HSNG	1	PC	151.000 g		
		950	<b>304017008077</b> HEX SCREW	2	PC	10.500 g	M 8 X 16	ISO4017
		1200	<b>007603030101</b> COPPER SEALING RING	2	PC	4.300 g	A 30 X 36	DIN7603
		1250	<b>915007020001</b> CONNECTOR 20/16	2	PC	85.000 g	20 / 16	N15007
		1300	<b>915005016000</b> CONE SEALING 18	2	PC	11.500 g	18	MBN15005
		1350	<b>915001016004</b> NUT 16 M26X1.5 BL.GE OELT	2	PC	40.900 g	16 M 26 X 1,5	N15001
		1500	<b>X00021753</b> GUARD PLATE	2	PC	181.900 g		
		1550	<b>304017008076</b> HEX SCREW	8	PC	9.100 g	M 8 X 12	ISO4017
		1600	<b>X54701600053</b> COVER PLATE F.FLYWHEEL HOUSING	2	PC	0.087 kg		
		1650	<b>X59699100243</b> SCREW SAVETIX	8	PC	10.000 g	M 8 X 16 X 10	
		1700	<b>X54701600054</b> COVER PLATE F.FLYWHEEL HOUSING	1	PC	0.614 kg		
		1800	<b>X59699100236</b> SCREW SAVETIX	4	PC	0.014 kg	M 8 X 25 X 10	
		1850	<b>X54701600055</b> COVER PLATE F.FLYWHEEL HOUSING	1	PC	0.614 kg		
		1950	<b>X59699100236</b> SCREW SAVETIX	4	PC	0.014 kg	M 8 X 25 X 10	
		2000	<b>X54701600041</b> COVER PLATE F.FLYWHEEL HOUSING	1	PC	0.164 kg		
		2050	<b>304017008076</b> HEX SCREW	6	PC	9.100 g	M 8 X 12	ISO4017
		2150	<b>304017008077</b> HEX SCREW	1	PC	10.500 g	M 8 X 16	ISO4017

EQUI TYPE: Engine

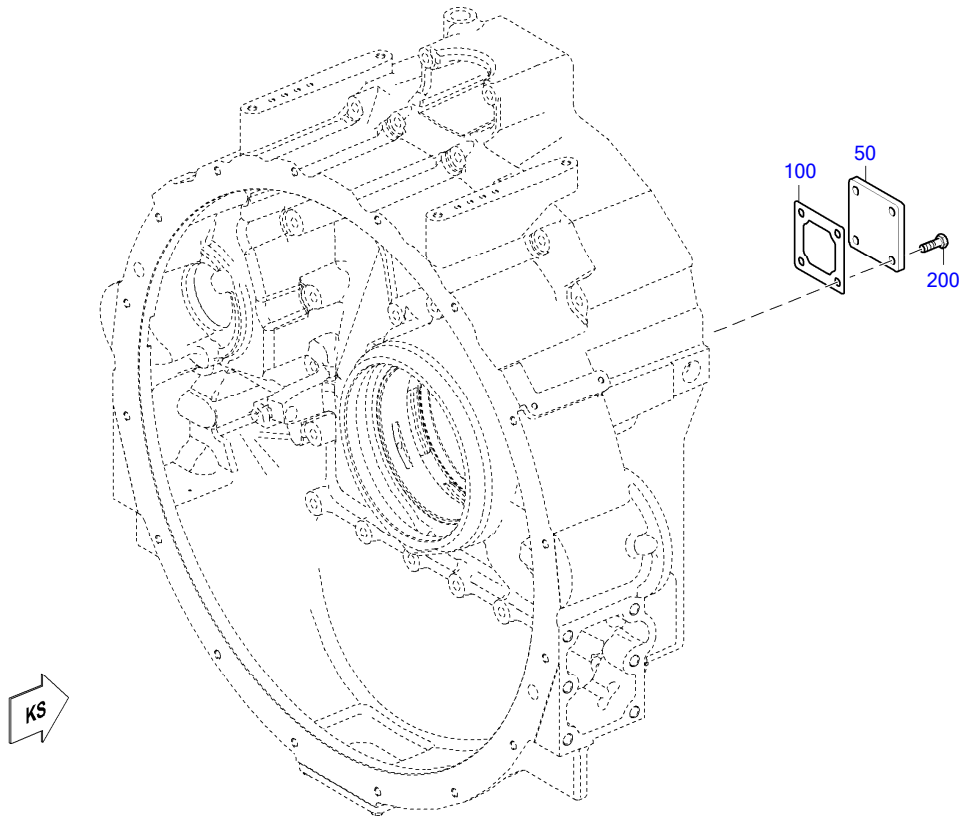
PRODUCT TYPE: 12V4000C65  
FLYWHEEL HOUSING LONG

SERIAL NUMBER: 5472000318

FG/FGS:

BOM-No.: X52901600022

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	50	X52901600021	FLYWHEEL HOUSING LONG	1	PC	283.500 kg		
	100	X59303100024	THRUST WASHER	1	PC	8.817 kg		
	150	200433010500	WASHER	16	PC	1.900 g	10,5	DIN433
	200	000000002969	HEX SCREW	16	PC	39.600 g	M 10 X 60	ISO4017
	250	5240332730	CRANKSHAFT BEARING DRIVING END (KS)	1	PC	2.220 kg		
	350	000908026005	THREAD PLUG	1	PC	0.069 kg	M 26 X 1,5	DIN908
	400	007603026104	COPPER SEALING RING	1	PC	3.100 g	A 26 X 31	DIN7603



01600908

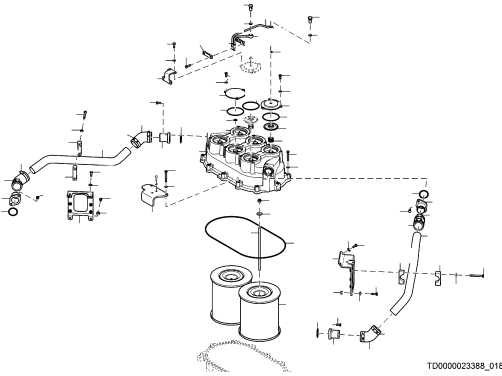
☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	50	<b>X59401600002</b>	COVER LEFT	1	PC	717.800 g		
	100	<b>X00012448</b>	GASKET	1	PC	7.900 g		
	200	<b>000000001464</b>	HEX SCREW	4	PC	24.900 g	M 10 X 30	ISO4017

GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.

00  
CRANKCASE VENTILAT. FOR 12V  
XS547010.00281



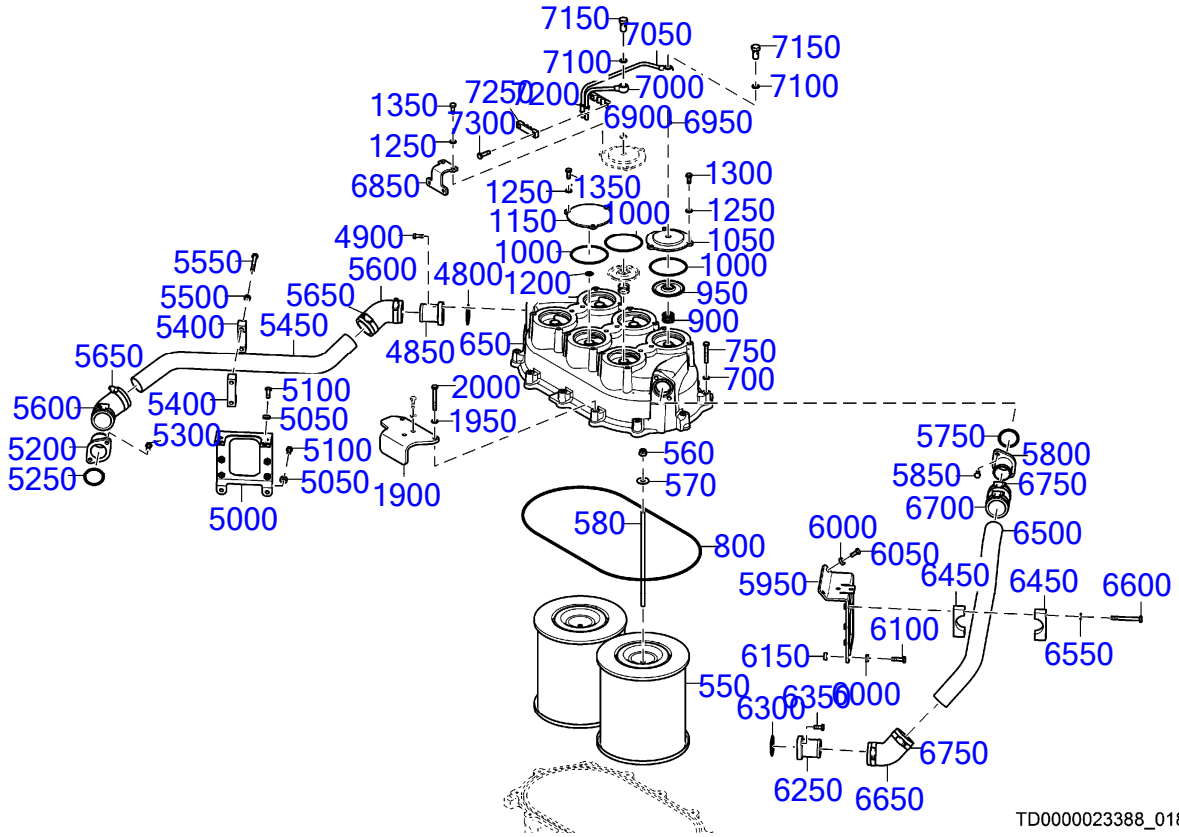
EQUI TYPE: Engine

PRODUCT TYPE: 12V4000C65  
CRANKCASE VENTILAT. FOR 12V

SERIAL NUMBER: 5472000318

FG/FGS: 018 00

BOM-No.: XS547010.00281



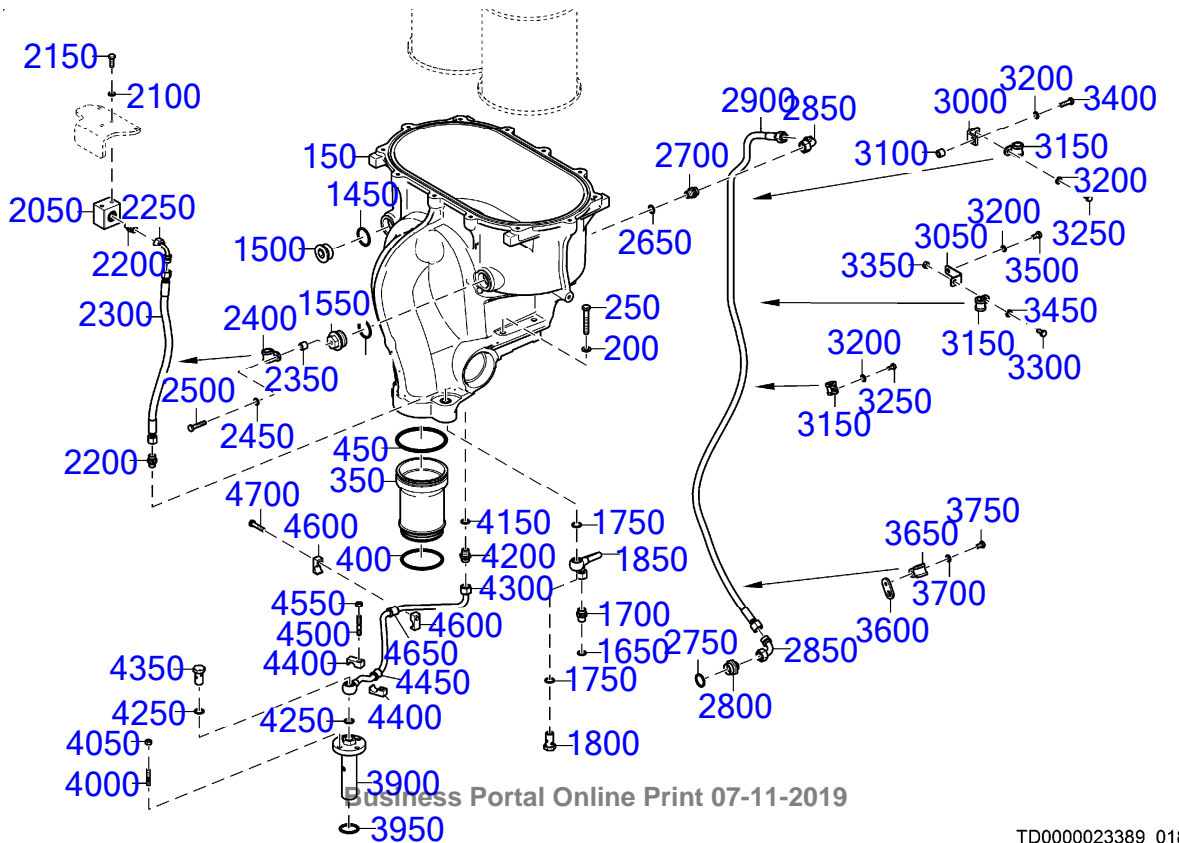
EQUI TYPE: Engine

PRODUCT TYPE: 12V4000C65  
CRANKCASE VENTILAT. FOR 12V

SERIAL NUMBER: 5472000318

FG/FGS: 018 00

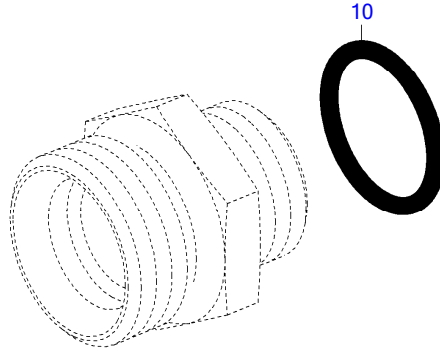
BOM-No.: XS547010.00281




☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	150	X54701800142	VENT HOUSING F/CRANKCASE VENTILA	1	PC	70.800 kg	EM		
	200	000125010524	WASHER	4	PC	3.100 g	A 10,5		DIN125
	250	000000004745	HEX SCREW	4	PC	41.800 g	M 10 X 65		ISO4017
	350	X54799100823	PLUG-IN PIPE F/CRANKCASE VENTILA	1	PC	1.858 kg			
	400	700429085002	O-RING	1	PC	17.500 g	85 X 6		MMN429
	450	700429110000	O-RING	1	PC	21.700 g	110 X 6		MMN429
	550	X54701800287	OIL SEPARATOR F/CRANKCASE VENTILA	2	PC	3.280 kg	EM		
	560	207040010000	HEX NUT	2	PC	0.010 kg	M10		ISO7040
	570	009021010102	WASHER	2	PC	11.400 g	A 10,5		DIN9021
	580	X54799101415	THREADED ROD	2	PC	0.150 kg			
	650	X54701800222	DIAPHRAGM HOUSING F/CRANKCASE VENTILA	1	PC	12.110 kg			
	700	000125008427	WASHER	10	PC	1.500 g	A 8,4		DIN125
	750	304017008088	HEX SCREW	10	PC	22.600 g	M 8 X 55		ISO4017
	800	700429460001	O-RING	1	PC	39.000 g	460 X 4		MMN429
	900	X54799100782	PRESSURE SPRING	4	PC	0.002 kg			
	950	X54701800163	DIAPHRAGM F/CRANKCASE VENTILA	4	PC	11.500 g			
	1000	700429090004	O-RING	6	PC	3.000 g	90 X 2,5		MMN429
	1050	X54701800201	DIAPHRAGM COVER FOR COALESCENCE MOD	4	PC	0.244 kg			
	1150	X54701800139	COVER	2	PC	235.500 g			
	1200	700429014000	O-RING	2	PC	0.800 g	14 X 3		MMN429
	1250	000125008427	WASHER	18	PC	1.500 g	A 8,4		DIN125
	1300	304017008079	HEX SCREW	14	PC	11.700 g	M 8 X 20		ISO4017
	1350	304017008081	HEX SCREW	4	PC	13.400 g	M 8 X 25		ISO4017
	1450	007603038101	COPPER SEALING RING	2	PC	5.400 g	A 38 X 44		DIN7603
	1500	000908038000	THREAD PLUG	1	PC	0.150 kg	M 38 X 1,5		DIN908
31	1550	X54799101292	PLUG SCREW	1	PC	0.237 kg			
	1650	007603016105	COPPER SEALING RING	1	PC	3.000 g	A 16 X 20		DIN7603
	1700	735070010000	UNION	1	PC	32.200 g	12		MTN5070
	1750	007603018101	COPPER SEALING RING	2	PC	1.300 g	A 18 X 22		DIN7603
	1800	700223010000	BOLT BANJO A12	1	PC	64.800 g	A 12		MMN223
	1850	X54751500002	MEASURING LINE FOR COALESCENCE MOD	1	PC	140.100 g			
	1900	X54701800291	RETAINER	1	PC	1.190 kg			
	1950	000125008427	WASHER	2	PC	1.500 g	A 8,4		DIN125
	2000	204017008032	HEX SCREW	2	PC	25.500 g	M 8 X 65		ISO4017
	2050	X54720200360	DISTRIBUTOR BLOCK	1	PC	0.721 kg			
	2100	000125008427	WASHER	2	PC	1.500 g	A 8,4		DIN125
	2150	304017008081	HEX SCREW	2	PC	13.400 g	M 8 X 25		ISO4017
30	2200	735211010000	UNION	2	PC	0.029 kg	10M 14 X 1,5		MTN5211
	2250	700160000008	ELBOW	1	PC	62.000 g	KR 8		MMN160
	2300	X54799101514/88	HOSE LINE	1	PC	0.114 kg			
	2350	5500780453	SPACER SLEEVE	1	PC	13.600 g	9 X 16 X 13		
	2400	916016016201	CLAMP	1	PC	24.200 g	BRSQU 16/20		N16016
	2450	000125008427	WASHER	1	PC	1.500 g	A 8,4		DIN125
	2500	304017008085	HEX SCREW	1	PC	18.000 g	M 8 X 40		ISO4017
	2650	007603016105	COPPER SEALING RING	1	PC	3.000 g	A 16 X 20		DIN7603
	2700	735070010000	UNION	1	PC	32.200 g	12		MTN5070
	2750	007603026104	COPPER SEALING RING	1	PC	3.100 g	A 26 X 31		DIN7603
	2800	915007016000	CONNECTOR 16/10	1	PC	63.000 g	16 / 10		N15007
	2850	700160000010	ELBOW 90 DEG KR 10	2	PC	76.800 g	KR 10		MMN160
	2900	X54799100937/88	HOSE	1	PC	404.000 g	PTFE DN10-N N1500 M18X1,5 60°		
	3000	5551870640	BRACKET L H:51 S2000 /4000	1	PC	54.900 g			
	3050	5502034540	BRACKET L H:27 VENT LINE TO TANK	1	PC	36.800 g			
	3100	5500780453	SPACER SLEEVE	1	PC	13.600 g	9 X 16 X 13		
	3150	916016015200	CLAMP	3	PC	25.900 g	BRSQU 15/20		N16016

☐	POS. PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	3200 000125008427	WASHER	4	PC	1.500 g		A 8,4	DIN125
	3250 204017008022	HEX SCREW	2	PC	10.000 g		M 8 X 14	ISO4017
	3300 204017008009	HEX SCREW	1	PC	10.900 g		M 8 X 18	ISO4017
	3350 304032008014	NUT HEX 8 A3C	1	PC	4.800 g		M 8	ISO4032
	3400 204017008002	HEX SCREW	1	PC	14.800 g		M 8 X 30	ISO4017
	3450 000125008427	WASHER	1	PC	1.500 g		A 8,4	DIN125
	3500 304017008077	HEX SCREW	1	PC	10.500 g		M 8 X 16	ISO4017
	3600 8802370640	RETAINER	1	PC	0.033 kg			
	3650 916016015200	CLAMP	1	PC	25.900 g		BRSQU 15/20	N16016
	3700 000125008427	WASHER	1	PC	1.500 g		A 8,4	DIN125
	3750 204017008022	HEX SCREW	1	PC	10.000 g		M 8 X 14	ISO4017
	3900 X54701800180	DRAIN PIPE FOR COALESCENCE MOD	1	PC	0.719 kg	EM		
	3950 700429040000	O-RING	1	PC	2.000 g		40 X 3	MMN429
	4000 000835008086	STUD	4	PC	13.000 g		M 8 X 25	DIN835
	4050 304032008014	NUT HEX 8 A3C	4	PC	4.800 g		M 8	ISO4032
	4150 007603016105	COPPER SEALING RING	1	PC	3.000 g		A 16 X 20	DIN7603
	4200 735070010000	UNION	1	PC	32.200 g		12	MTN5070
	4250 007603018101	COPPER SEALING RING	2	PC	1.300 g		A 18 X 22	DIN7603
	4300 X54701800181	OIL RETURN LINE FOR COALESCENCE MOD	1	PC	236.000 g	EM		
	4350 700223010000	BOLT BANJO A12	1	PC	64.800 g		A 12	MMN223
	4400 700325018100	CLAMP HALF TUBE 1/1 D9-18	2	PC	40.000 g		1/1 D 9 - 18	MMN325
	4450 700327012000	GROMMET	1	PC	4.600 g		12	MMN327
	4500 000835008126	STUD	1	PC	16.600 g		M 8 X 35	DIN835
	4550 304032008014	NUT HEX 8 A3C	1	PC	4.800 g		M 8	ISO4032
	4600 700325018100	CLAMP HALF TUBE 1/1 D9-18	2	PC	40.000 g		1/1 D 9 - 18	MMN325
	4650 700327012000	GROMMET	1	PC	4.600 g		12	MMN327
	4700 304017008085	HEX SCREW	1	PC	18.000 g		M 8 X 40	ISO4017
	4800 700429043000	O-RING	1	PC	2.200 g		43 X 3	MMN429
	4850 X54799100777	FLANGED UNION	1	PC	300.900 g			
	4900 304017008079	HEX SCREW	2	PC	11.700 g		M 8 X 20	ISO4017
	5000 X54701800137	RETAINER F/CRANKCASE VENTILA	1	PC	527.000 g			
	5050 735151008100	SPACER	4	PC	7.400 g		A 8,4	MTN5151
	5100 304017008079	HEX SCREW	4	PC	11.700 g		M 8 X 20	ISO4017
	5200 X54799100777	FLANGED UNION	1	PC	300.900 g			
	5250 700429043000	O-RING	1	PC	2.200 g		43 X 3	MMN429
	5300 304017008079	HEX SCREW	2	PC	11.700 g		M 8 X 20	ISO4017
	5400 700325045100	CLAMP HALF TUBE 1/2 D9-45	4	PC	125.000 g		1/2 D 9 - 45	MMN325
	5450 X54701800169	VENT LINE F/CRANKCASE VENTILA	1	PC	1.635 kg	EM		
	5500 000125008427	WASHER	4	PC	1.500 g		A 8,4	DIN125
	5550 00000004389	HEX SCREW	4	PC	30.000 g		M 8 X 75	ISO4017
	5600 X54701800171/88	VENT LINE FOR CRANKCASE	2	PC	154.000 g	EM		
	5650 00000000672	CLAMP	4	PC	34.200 g		50- 70X12-SW7-W3	MBN10223
	5750 700429043000	O-RING	1	PC	2.200 g		43 X 3	MMN429
	5800 X54799100777	FLANGED UNION	1	PC	300.900 g			
	5850 304017008079	HEX SCREW	2	PC	11.700 g		M 8 X 20	ISO4017
	5950 X54701800261	RETAINER F/CRANKCASE VENTILA	1	PC	1.355 kg			
	6000 735151008100	SPACER	4	PC	7.400 g		A 8,4	MTN5151
	6050 304017008079	HEX SCREW	2	PC	11.700 g		M 8 X 20	ISO4017
	6100 304017008083	HEX SCREW	2	PC	15.100 g		M 8 X 30	ISO4017
	6150 X52899100090	BUSHING	2	PC	0.100 kg		D=18/9 L=7	
	6250 X54799100777	FLANGED UNION	1	PC	300.900 g			
	6300 700429043000	O-RING	1	PC	2.200 g		43 X 3	MMN429
	6350 304017008079	HEX SCREW	2	PC	11.700 g		M 8 X 20	ISO4017
	6450 700325045100	CLAMP HALF TUBE 1/2 D9-45	4	PC	125.000 g		1/2 D 9 - 45	MMN325

☐	POS. PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	6500 X54701800282	VENT LINE F/CRANKCASE VENTILA	1	PC	2.040 kg	EM		
	6550 000125008427	WASHER	4	PC	1.500 g		A 8,4	DIN125
	6600 000000004389	HEX SCREW	4	PC	30.000 g		M 8 X 75	ISO4017
	6650 X54701800171/88	VENT LINE FOR CRANKCASE	1	PC	154.000 g	EM		
	6700 X59301800021/88	RUBBER SLEEVE	1	PC	118.100 g		45 X 80	
	6750 000000000672	CLAMP	4	PC	34.200 g		50- 70X12-SW7-W3	MBN10223
	6850 X54799100919	RETAINER FOR COALESCENCE MOD	2	PC	218.100 g			
	6900 700325012110	PIPE CLAMP HALF	2	PC	57.700 g		3/2 D 9 - 12	MMN325
	6950 007603014102	COPPER SEALING RING	4	PC	1.000 g		A 14 X 18	DIN7603
	7000 X54701800204	VENT LINE FOR COALESCENCE MOD	2	PC	61.200 g	EM		
	7050 X54701800203	VENT LINE FOR COALESCENCE MOD	2	PC	91.500 g	EM		
	7100 007603014102	COPPER SEALING RING	4	PC	1.000 g		A 14 X 18	DIN7603
	7150 700223006000	BOLT BANJO A8 S2000/ 4000	4	PC	38.800 g		A 8	MMN223
	7200 700327008000	GROMMET	4	PC	1.700 g		8	MMN327
	7250 700325012110	PIPE CLAMP HALF	2	PC	57.700 g		3/2 D 9 - 12	MMN325
	7300 304017008083	HEX SCREW	4	PC	15.100 g		M 8 X 30	ISO4017



TD0000022423

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	735221011000	O-RING	1	PC	0.300 g	11,3 X 2,2 - M14X1,5	MTN5221


EQUI TYPE: Engine

PRODUCT TYPE: 12V4000C65  
PLUG SCREW

SERIAL NUMBER: 5472000318

FG/FGS:

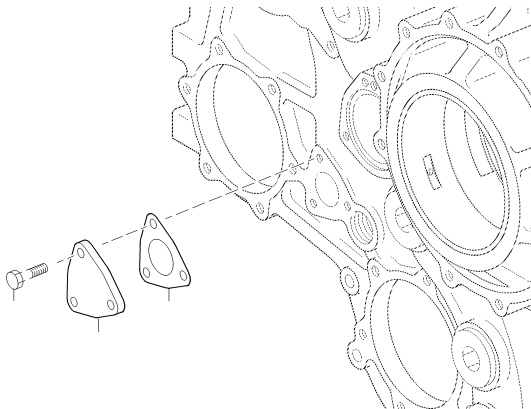
BOM-No.: X54799101292

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	50	000910038000	PLUG	1	PC	0.244 kg	M 38 X 1,5	DIN910

GROUP SEGMENT (FGS)

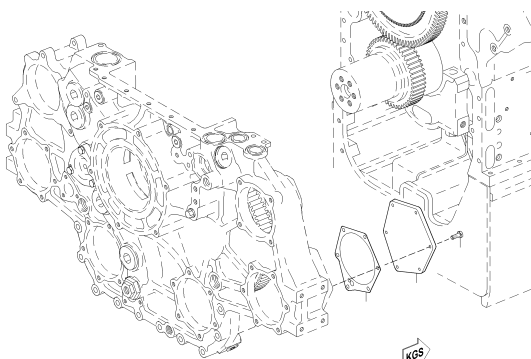
GROUP NAME

BOM-No.



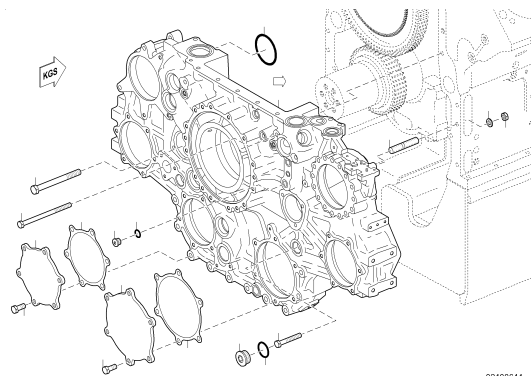
02400030a

05  
SEAL ELEM. FOR OIL PRIMING  
020.00056



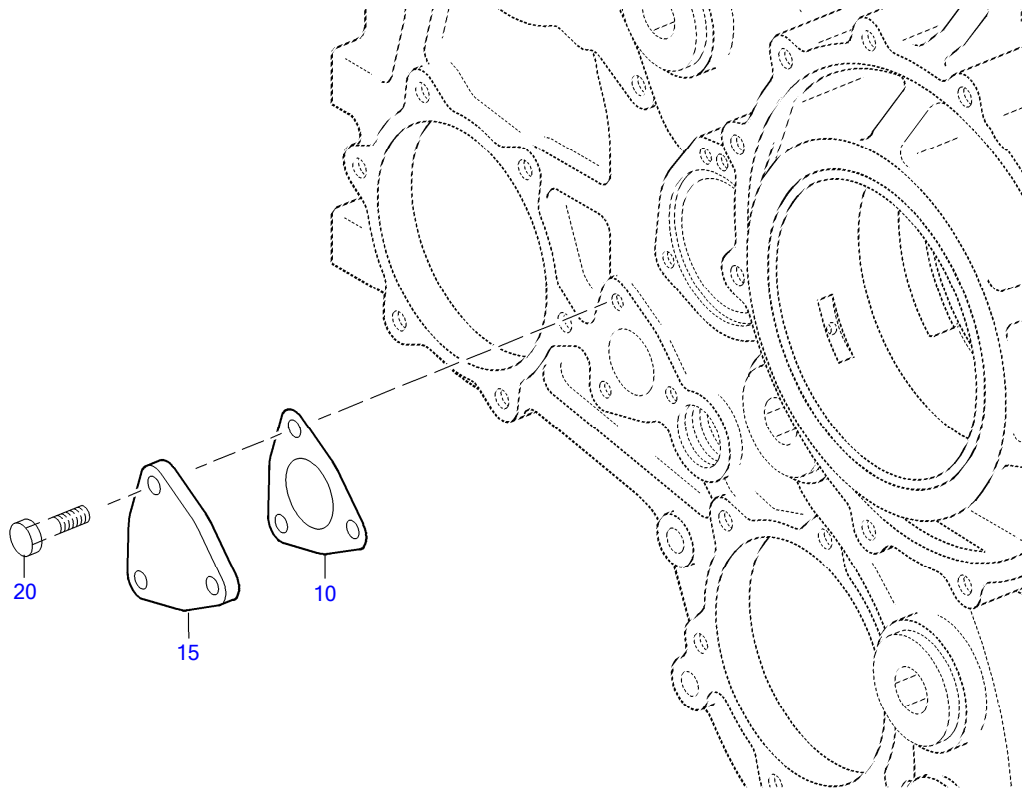
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05  
COVER FOR DDC COMPRESSOR  
020.00060



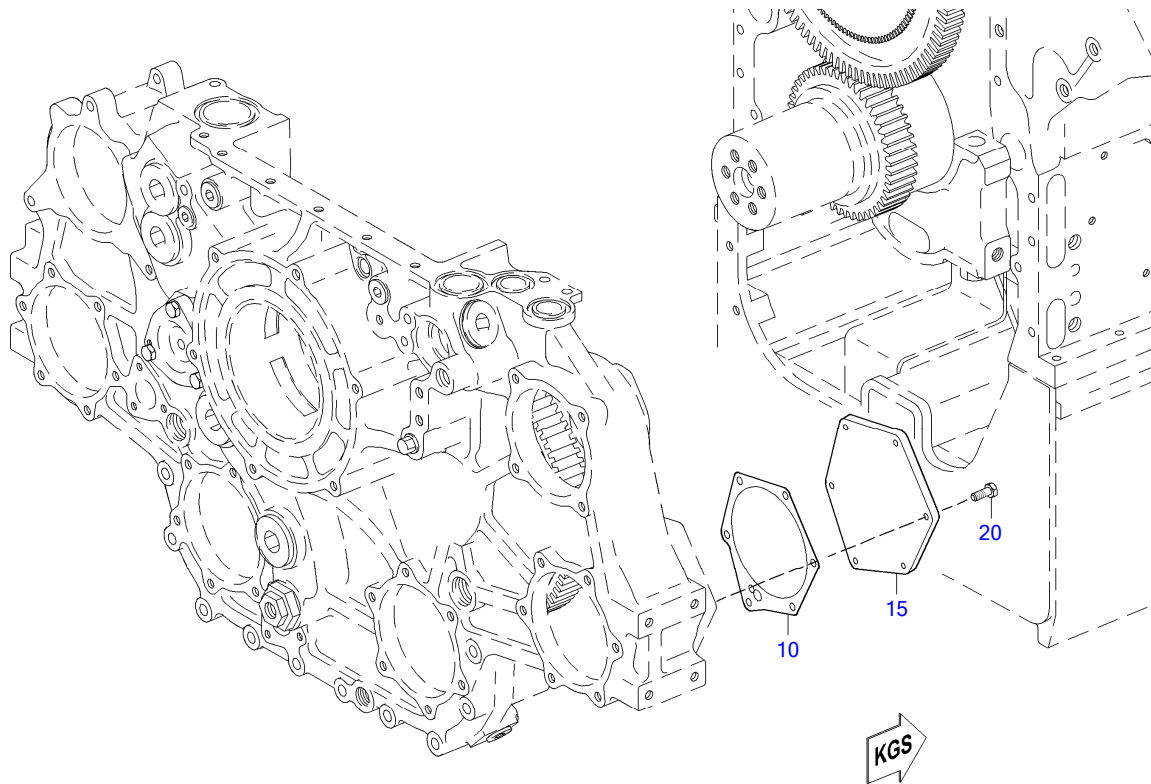
02400644

05  
EQUIPMENT RACK AUX PTO END (KGS)  
XS529020.00010



02400030a

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	5241880180	GASKET	2	PC	6.200 g	1X120X120	
	15	5241880202	COVER	2	PC	335.000 g		
	20	000000003020	HEX SCREW	6	PC	20.000 g	M 10 X 20	ISO4017



02400112a

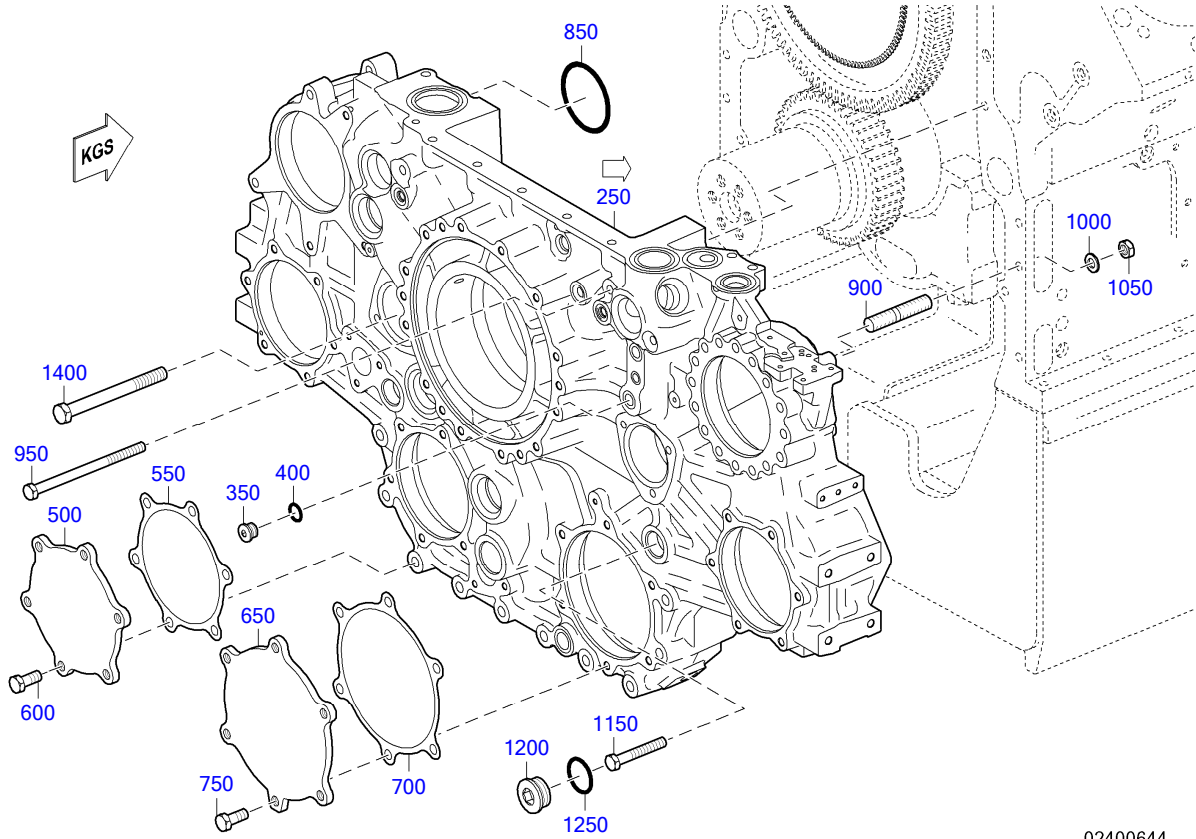
☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	5360520080	GASKET	1	PC	6.000 g		
	15	5241880502	COVER	1	PC	2.600 kg		
	20	00000003021	HEX SCREW	6	PC	22.800 g	M 10 X 25	ISO4017

EQUI TYPE: Engine

PRODUCT TYPE: 12V4000C65  
EQUIPMENT RACK AUX PTO END (KGS)

SERIAL NUMBER: 5472000318

FG/FGS: 024 05  
BOM-No.: XS529020.00010



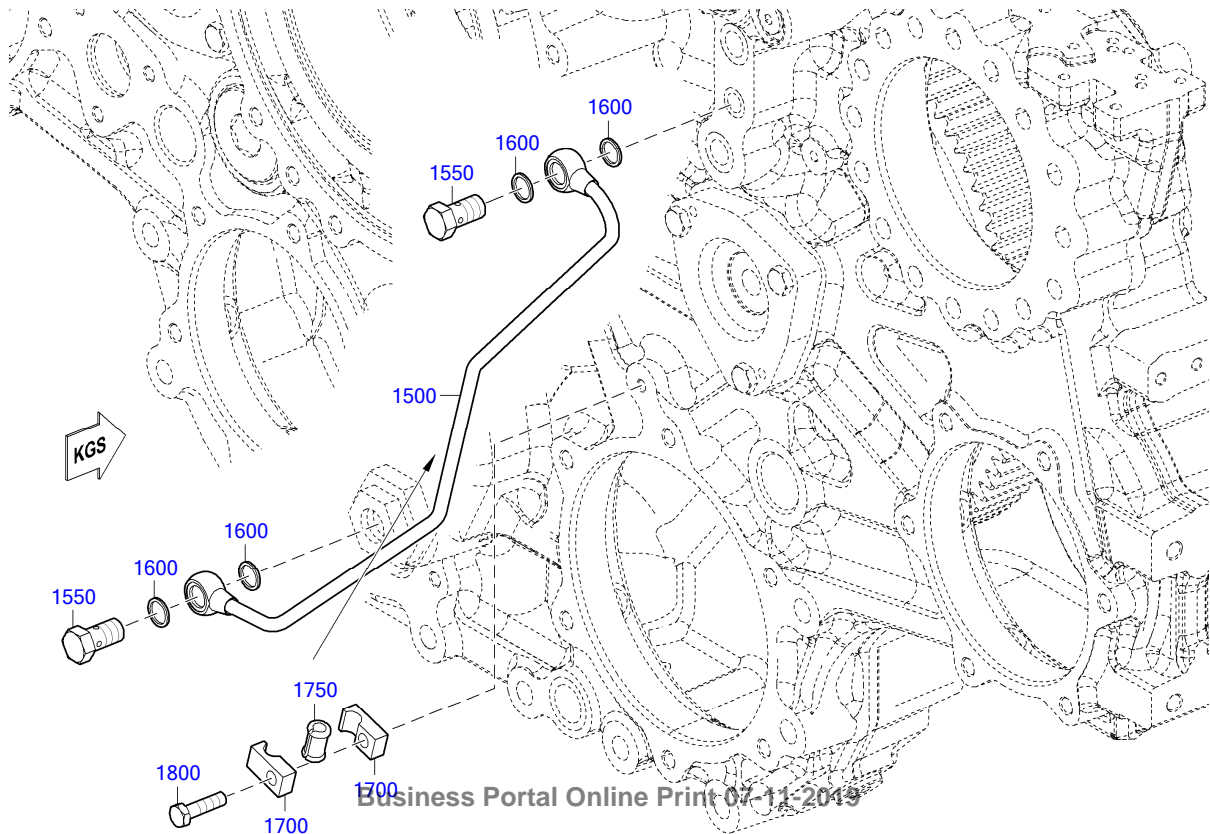
02400644

EQUI TYPE: Engine

PRODUCT TYPE: 12V4000C65  
EQUIPMENT RACK AUX PTO END (KGS)

SERIAL NUMBER: 5472000318

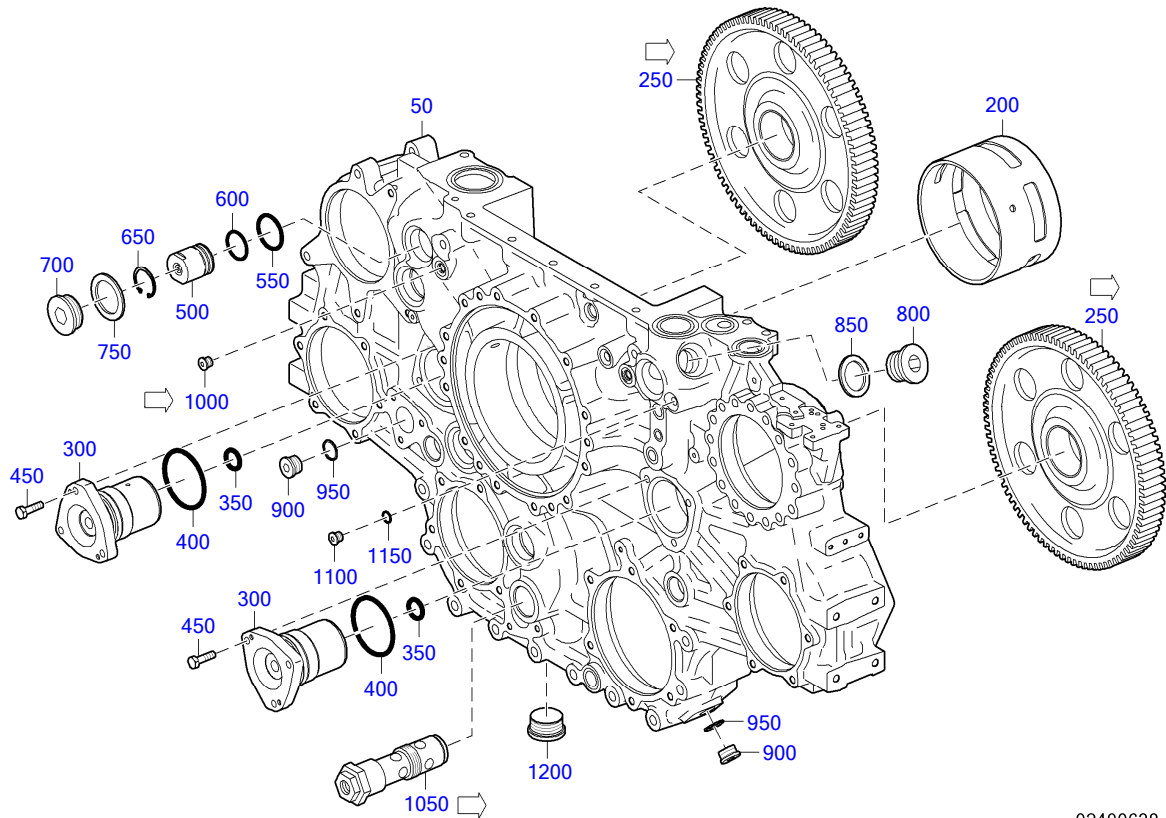
FG/FGS: 024 05  
BOM-No.: XS529020.00010



Business Portal Online Print 07-11-2019

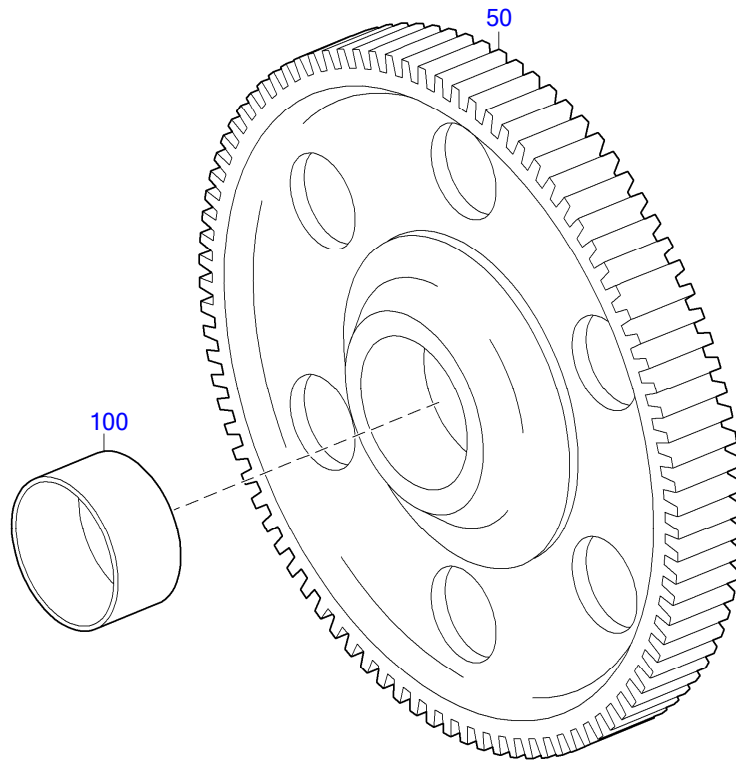
02400645

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
36	250	X52902400029	EQUIPMENT RACK		1	PC	256.000 kg			
	350	000908018002	PLUG		1	PC	0.029 kg		M 18 X 1,5	DIN908
	400	007603018101	COPPER SEALING RING		1	PC	1.300 g		A 18 X 22	DIN7603
	500	5241880102	COVER		1	PC	1.900 kg			
	550	5241880080	GASKET		1	PC	10.600 g		1X250X250	
	600	00000003925	HEX SCREW		6	PC	36.900 g		M 12 X 30	ISO4017
	650	5281880102	COVER	20V4000	1	PC	2.700 kg			
	700	5281880080	GASKET		1	PC	11.100 g			
	750	00000003925	HEX SCREW		6	PC	36.900 g		M 12 X 30	ISO4017
	850	700429083000	O-RING		2	PC	11.700 g		83 X 5	MMN429
	900	200939012003	STUD		6	PC	32.300 g		M 12 X 30	DIN939
	950	204014012008	HEX SCREW		2	PC	155.000 g		M 12 X170	ISO4014
	1000	200433013000	WASHER		6	PC	2.500 g		13	DIN433
	1050	204032012000	NUT HEX ZNPH R5F		6	PC	14.900 g		M 12	ISO4032
	1150	00000000904	HEX SCREW		2	PC	75.000 g		M 12 X 80	ISO4017
	1200	000908038000	THREAD PLUG		2	PC	0.150 kg		M 38 X 1,5	DIN908
	1250	007603038101	COPPER SEALING RING		2	PC	5.400 g		A 38 X 44	DIN7603
	1400	204017016000	HEX SCREW		2	PC	246.200 g		M 16 X160	ISO4017
	1500	5281800519	TUBE ASM OIL LINE	20V4000	1	PC	200.000 g	SB		
	1550	700223006000	BOLT BANJO A8 S2000/ 4000		2	PC	38.800 g		A 8	MMN223
	1600	007603014102	COPPER SEALING RING		4	PC	1.000 g		A 14 X 18	DIN7603
	1700	700325012100	CLAMP HALF TUBE 1/1 D9-12		2	PC	25.000 g		1/1 D 9 - 12	MMN325
	1750	700327008000	GROMMET		1	PC	1.700 g		8	MMN327
	1800	304017008083	HEX SCREW		1	PC	15.100 g		M 8 X 30	ISO4017



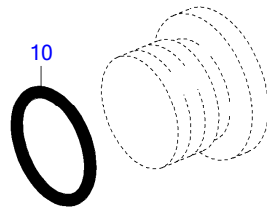
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☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	50	X52902400028	EQUIPMENT RACK (MACHINED)	1	PC	208.000 kg			
	200	5240332630	CRANKSHAFT BEARING AUX PTO END	1	PC	2.500 kg			
37	250	X54702500009	IDLER GEAR	2	PC	14.132 kg	EM		
	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	11.700 g		83 X 5	MMN429
	450	304017010035	HEX SCREW	6	PC	32.100 g		M 10 X 45	ISO4017
	500	5241800015	PRESSURE VALVE ASSY.	2	PC	390.000 g		2.5 BAR	
	550	700429048000	O-RING	2	PC	4.400 g		48 X 4	MMN429
	600	700429040000	O-RING	2	PC	2.000 g		40 X 3	MMN429
	650	000472048000	RING SNAP	2	PC	6.500 g		48 X 1,75	DIN472
	700	000908052003	THREAD PLUG	5	PC	0.298 kg		M 52 X 1,5	DIN908
	750	007603052101	COPPER SEALING RING	5	PC	12.500 g		A 52 X 60	DIN7603
	800	000908038000	THREAD PLUG	2	PC	0.150 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	0.069 kg		M 26 X 1,5	DIN908
	950	007603026104	COPPER SEALING RING	4	PC	3.100 g		A 26 X 31	DIN7603
38	1000	735210014000	THREAD PLUG	3	PC	0.019 kg		M 14 X 1,5	MTN5210
39	1050	0001800015	PRESSURE REDUCING VALVE ASSY.	1	PC	1.400 kg			
	1100	000908014001	SCREW PLUG	1	PC	0.016 kg		M 14 X 1,5	DIN908
	1150	007603014102	COPPER SEALING RING	1	PC	1.000 g		A 14 X 18	DIN7603
	1200	735210048000	THREAD PLUG	1	PC	339.100 g		M 48 X 2	MTN5210




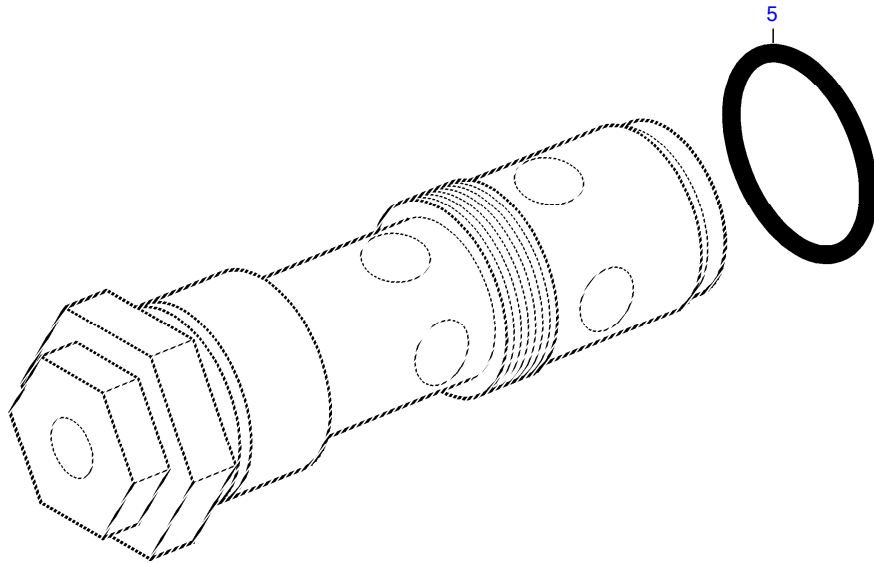
02400639

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN
	50	X54702500010	IDLER GEAR	1	PC	13.867 kg	EM
	100	X59305200002	BUSHING	1	PC	304.200 g	




TD0000022038\_181

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	735221011000	O-RING	1	PC	0.300 g	11,3 X 2,2 - M14X1,5	MTN5221

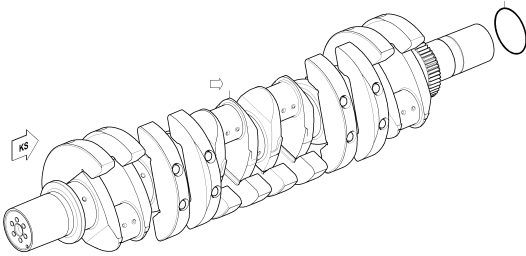


024K0009a

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	5	700429037000	O-RING	1	PC	2.800 g	37,7 X 3,53	MMN429

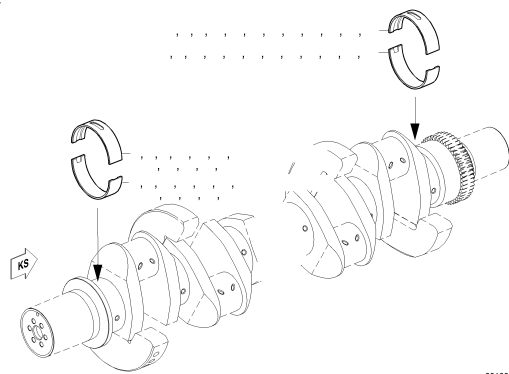
GROUP SEGMENT (FGS)  
GROUP NAME  
BOM-No.

05  
**CRANKSHAFT**  
XS547030.00044

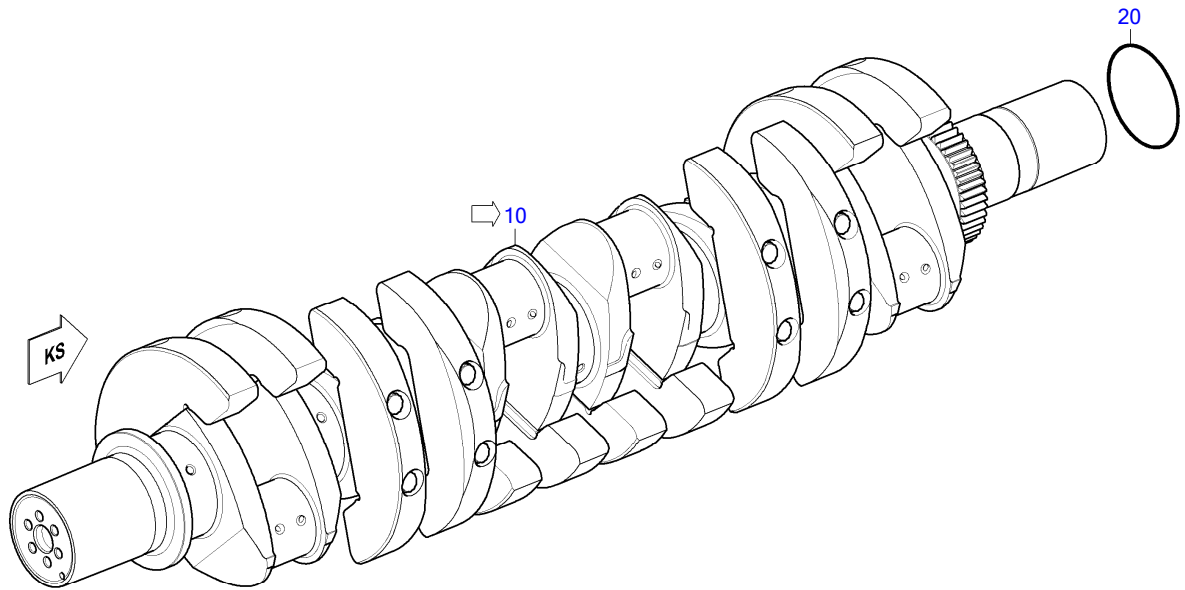


03100595

10  
**MAIN BEARING**  
030.00662



03100393a




03100595

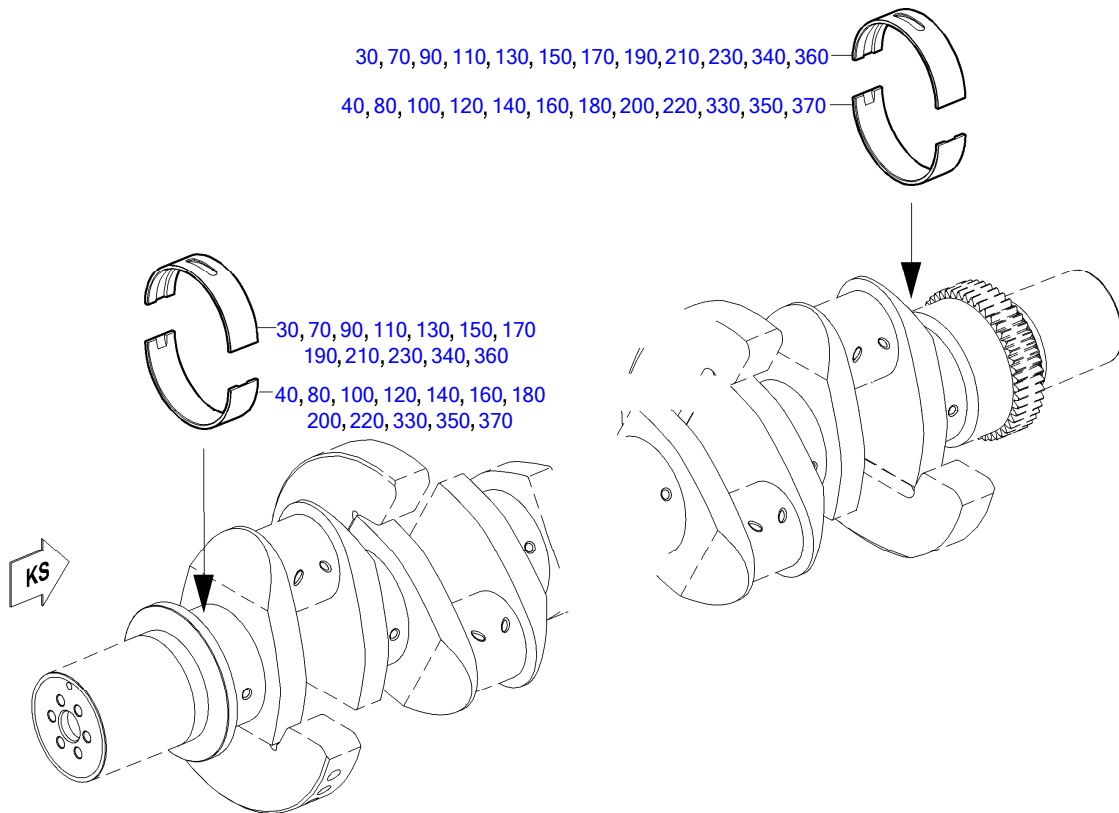
☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
42	10	<b>X54703100029</b>	CRANKSHAFT W/O ACCEPT CERTIFIC	12V-12CWT-STROKE210	1	PC	531.900 kg	EM		
	20	<b>700429150000</b>	O-RING		1	PC	12.900 g		150 X 4	MMN429
	40	<b>EX54703100029</b>	CRANKSHAFT W/O ACCEPT CERTIFIC		1	PC		MN EM		

EQUI TYPE: Engine

PRODUCT TYPE: 12V4000C65  
CRANKSHAFT W/O ACCEPT CERTIFIC

SERIAL NUMBER: 5472000318  
FG/FGS:  
BOM-No.: X54703100029

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN
	10	X54703100034	CRANKSHAFT	12V-12CWT-STROKE210	1	PC	324.000 kg	EM
	20	X54903100018	COUNTERWEIGHT	SERIES 4000	12	PC	15.200 kg	
	40	5240310171	BOLT 12 PT HD		24	PC	548.600 g	
	50	X54903100012	CRANKSHAFT GEAR	SERIES 4000	1	PC	18.330 kg	EM



03100393a

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN
	30	X00016024	CRANKSHAFT BEARING SIZE 0-0	OBERE HAELFTE	7	PC	0.392 kg	
	40	5240336602	CRANKSHAFT BEARING LOWER HALF		7	PC	510.000 g	
	70	X52403100003	CRANKSHAFT BEARING SIZE 0-1	OBERE HAELFTE	1	PC	390.000 g	M
	80	5240336702	CRANKSHAFT BEARING SIZE 0-1		1	PC	600.000 g	M
	90	X52403100004	CRANKSHAFT BEARING SIZE 0-2	OBERE HAELFTE	1	PC	0.970 kg	M
	100	5240336802	CRANKSHAFT BEARING SIZE 0-2		1	PC	565.000 g	M
	110	X52403100005	CRANKSHAFT BEARING SIZE 0-3	OBERE HAELFTE	1	PC	0.388 kg	M
	120	5240336902	CRANKSHAFT BEARING SIZE 0-3		1	PC	585.000 g	M
	130	X52403100006	CRANKSHAFT BEARING SIZE 1-0	OBERE HAELFTE	1	PC	0.388 kg	M
	140	5240337002	CRANKSHAFT BEARING SIZE 1-0		1	PC	529.700 g	M
	150	X52403100007	CRANKSHAFT BEARING SIZE 1-1	OBERE HAELFTE	1	PC	428.300 g	M
	160	5240337102	CRANKSHAFT BEARING SIZE 1-1		1	PC	565.000 g	M
	170	X52403100008	CRANKSHAFT BEARING SIZE 1-2	OBERE HAELFTE	1	PC	0.457 kg	M
	180	5240337202	CRANKSHAFT BEARING SIZE 1-2		1	PC	1.000 kg	M
	190	X52403100009	CRANKSHAFT BEARING SIZE 1-3	OBERE HAELFTE	1	PC	0.388 kg	M
	200	5240337302	CRANKSHAFT BEARING SIZE 1-3		1	PC	600.000 g	M
	210	X52403100010	CRANKSHAFT BEARING SIZE 2-0	OBERE HAELFTE	1	PC	0.388 kg	M
	220	5240337402	CRANKSHAFT BEARING SIZE 2-0		1	PC	560.000 g	M
	230	X52403100011	CRANKSHAFT BEARING SIZE 2-1	OBERE HAELFTE	1	PC	458.500 g	M
	330	5240337502	CRANKSHAFT BEARING SIZE 2-1		1	PC	580.000 g	M
	340	X52403100012	CRANKSHAFT BEARING SIZE 2-2	OBERE HAELFTE	1	PC	0.388 kg	M
	350	5240337602	CRANKSHAFT BEARING SIZE 2-2		1	PC	675.000 g	M
	360	X52403100013	CRANKSHAFT BEARING SIZE 2-3	OBERE HAELFTE	1	PC	0.388 kg	M
	370	5240337702	CRANKSHAFT BEARING SIZE 2-3		1	PC	685.000 g	M

EQUI TYPE: Engine

PRODUCT TYPE: 12V4000C65  
CRANKSHAFT, PTO ON DRIVING END

SERIAL NUMBER: 5472000318  
FG/FGS: 032

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GROUP SEGMENT (FGS)

**GROUP NAME**

BOM-No.

---

20

**FLYWHEEL**

XS547030.00249

EQUI TYPE: Engine

PRODUCT TYPE: 12V4000C65  
FLYWHEEL

SERIAL NUMBER: 5472000318

FG/FGS: 032 20

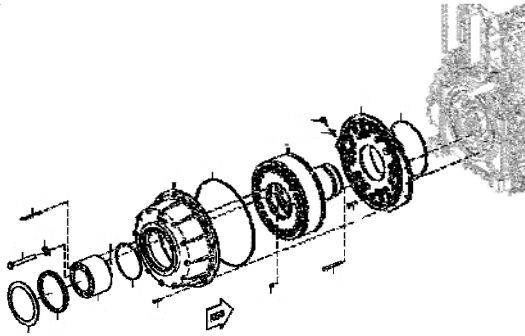
BOM-No.: XS547030.00249

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	30	0219976647	SEAL RING CRANKSHAFT REAR	PTEF-MANSCHETTE	1	PC	160.000 g		DM 210	
	50	5240311148	WHEEL MDEC TRS METERING CRANKSHAFT		1	PC	2.220 kg	EM		
	60	001481006004	PIN SPRING		2	PC	2.400 g	6 X 20 - N		ISO8752
	70	304017008079	HEX SCREW		8	PC	11.700 g	M 8 X 20		ISO4017
	80	000125008427	WASHER		8	PC	1.500 g	A 8,4		DIN125
	90	X54703200014	FLYWHEEL		1	PC	120.000 kg	EM		
	100	5769970219	PLUG HEX SOC HD G1/4 17.5 X 11 42CRM04		1	PC	12.000 g			

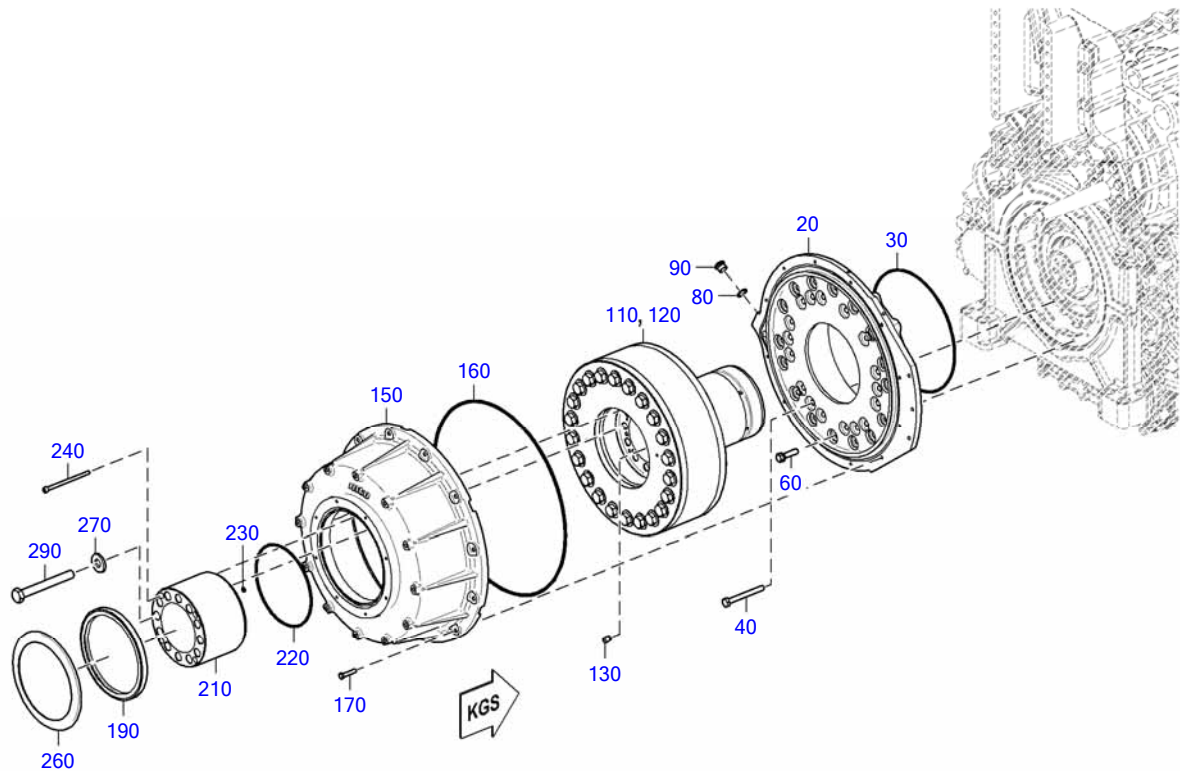
GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.

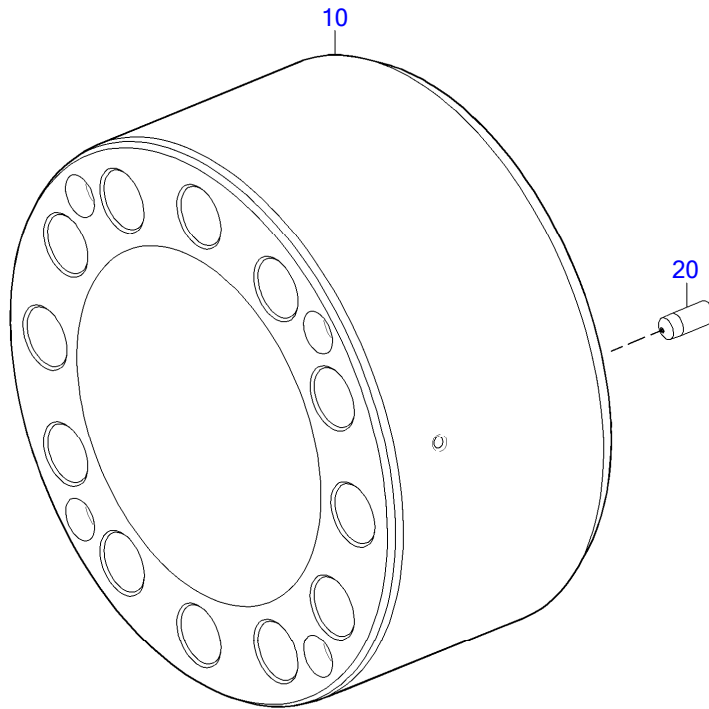


05  
VIBRATION DAMPER WITH AUX. PTO  
XS547030.00159



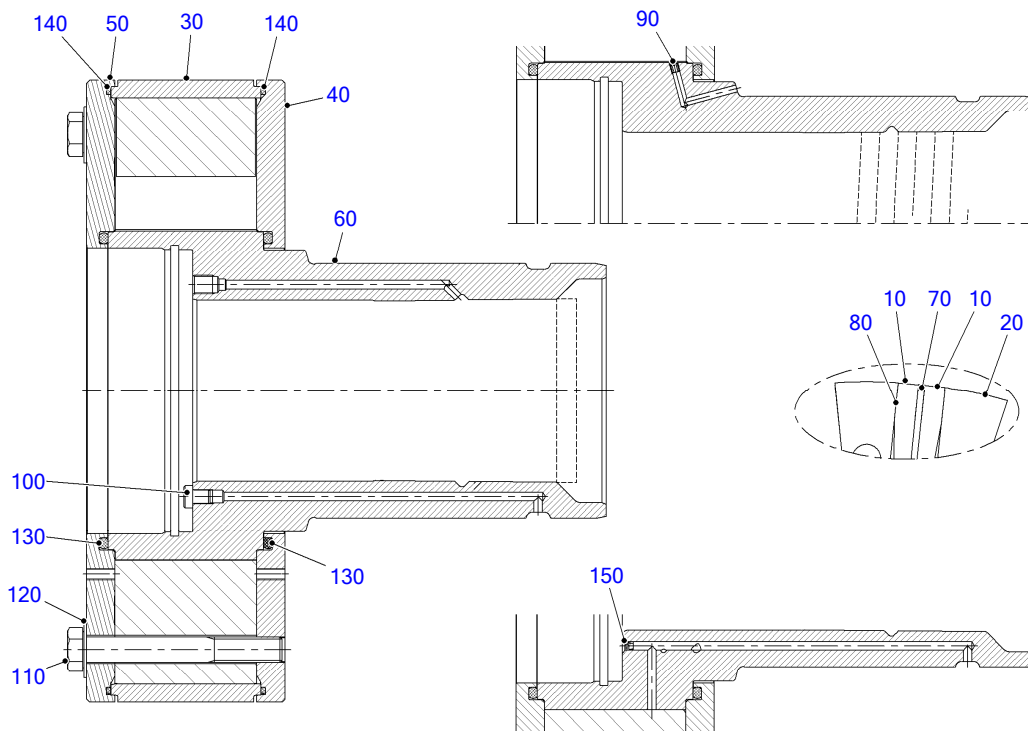
03500864

□	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	20	<b>X54799100974</b>	FLANGE F.VIB.DAMPER HOUSIN		1	PC	46.119 kg			
	30	<b>700429290000</b>	O-RING		1	PC	25.200 g	290 X 4		MMN429
	40	<b>000931012180</b>	HEX SCREW		17	PC	105.400 g	M 12 X110		DIN931
	60	<b>X54799100970</b>	COLLAR SCREW		16	PC	57.600 g			
	80	<b>007603018101</b>	COPPER SEALING RING		1	PC	1.300 g	A 18 X 22		DIN7603
	90	<b>000908018003</b>	PLUG		1	PC	0.029 kg	M 18 X 1,5		DIN908
49	110	<b>X54703500007</b>	VIBRATION DAMPER		1	PC	154.000 kg			
	120	<b>EX54703500007</b>	VIBRATION DAMPER		1	PC	154.000 kg	MN		
	130	<b>5769970219</b>	PLUG HEX SOC HD G1/4 17.5 X 11 42CRM04		1	PC	12.000 g			
	150	<b>X52703500001</b>	DAMPER VIBRATION HSG G73		1	PC	38.222 kg			
	160	<b>700429480000</b>	O-RING		1	PC	64.600 g	480 X 5		MMN429
	170	<b>304017008085</b>	HEX SCREW		12	PC	18.000 g	M 8 X 40		ISO4017
	190	<b>0219976547</b>	SEAL RING CRANKSHAFT FRONT AUX PTO PTFE-MANSCHETTE		1	PC	225.000 g	DM200		
48	210	<b>X52799100002</b>	FLANGE FOR FREE END PTO		1	PC	14.720 kg			
	220	<b>700429200002</b>	O-RING		1	PC	17.300 g	200 X 4		MMN429
	230	<b>700429008003</b>	O-RING		1	PC	0.300 g	8 X 2,5		MMN429
	240	<b>200912008000</b>	SCREW		4	PC	53.700 g	M 8 X130		DIN912
	260	<b>X52699100108</b>	PLATE GUARD G73		1	PC	330.000 g			
	270	<b>206796020000</b>	CONICAL SPR. WASHER		3	PC	45.000 g	20		DIN6796
	290	<b>204017020013</b>	HEX SCREW		3	PC	396.500 g	M 20 X160		ISO4017



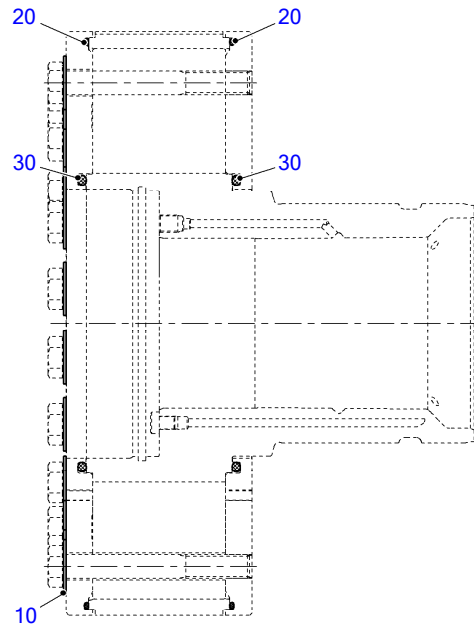
03500302b

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
	10	X52799100001	FLANGE FOR FREE END PTO	1	PC	14.850 kg
	20	5280310023	NOZZLE OIL C23	1	PC	4.600 g



03500557

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	XP52725100089	SPRING LEAF		44	PC			
	20	XP52725100090	INTERMEDIATE MEMBER		22	PC			
	30	XP54725100001	CLAMPING RING		1	PC			
	40	XP52825100033	FLANGE		1	PC			
	50	XP52725100092	SIDE PLATE		1	PC			
	60	XP54725100002	INNER STAR		1	PC			
	70	XP54725100003	SHIM		22	PC			
	80	XP54725100004	SHIM		1	PC		99(+/-0.15)X20X0.2	
	90	XP54725100005	OIL NOZZLE		4	PC		MS 58	
	100	X00035250	PLUG		1	PC	0.490 g	M10X1 DICHTNIPPEL	
	110	XP52725100096	HEX SCREW		22	PC		M 18 X 140	ENISO4014
	120	Z=40X19X2	DISC WASHER (VULKAN)		22	PC	14.700 g		
	130	8699970418	SEALING RING		2	PC	53.500 g	208 X 7	
	140	700429420000	O-RING		2	PC	36.700 g	420 X 4	MMN429
	150	XP52203500025	PLUG		4	PC	0.002 kg	DICHTSTOPFEN 6	
50	160	XP59303500005	PARTS KIT	FÜR DÄMPFER	1	PC	0.506 kg	ET-KIT D 44/KIT 1	



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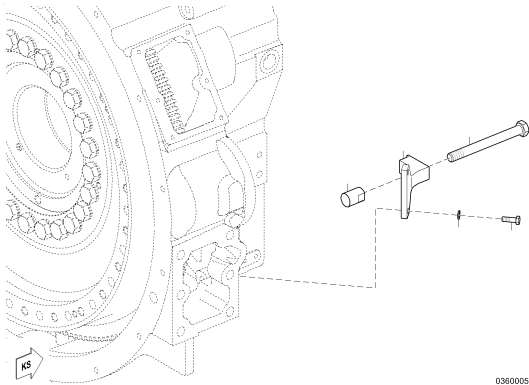
☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	<b>Z=40X19X2</b>	DISC WASHER (VULKAN)	22	PC	14.700 g		
	20	<b>X00035257</b>	O-RING	2	PC	5.000 g	7 X 208	
	30	<b>700429420000</b>	O-RING	2	PC	36.700 g	420 X 4	MMN429

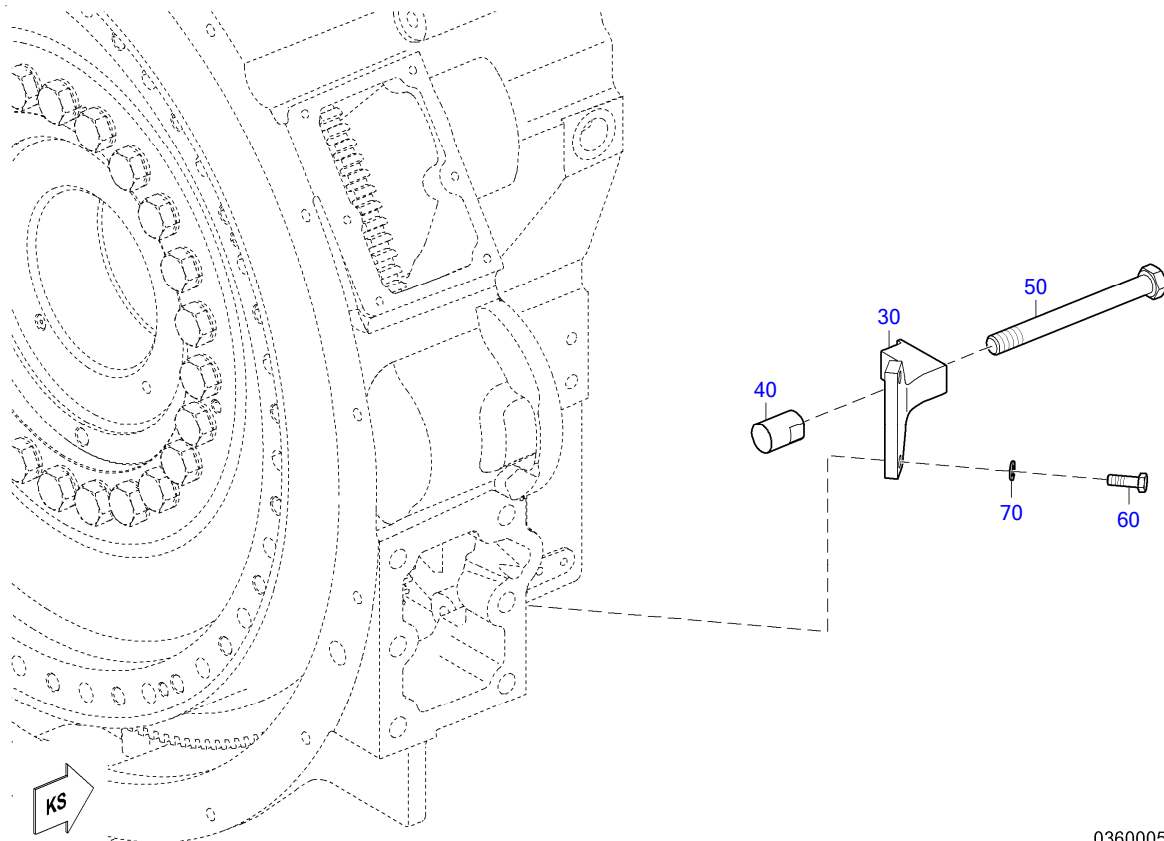
GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.

05  
TRANSPORTATION LOCK DRIVING END (KS)  
XS547030.00103





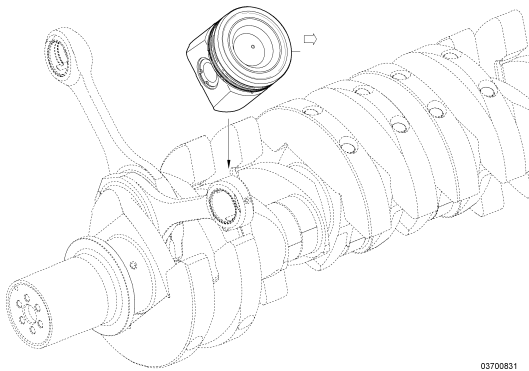
03600052

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	30	X54703600003	RETAINER F/TRANSPORT LOCK	2	PC	532.400 g		
	40	X54799101023	THREADED BUSHING	2	PC	0.092 kg		
	50	204017016000	HEX SCREW	2	PC	246.200 g	M 16 X160	ISO4017
	60	304017008080	HEX SCREW	4	PC	13.300 g	M 8 X 25	ISO4017
	70	200433008402	WASHER	4	PC	1.600 g	8,4	DIN433

GROUP SEGMENT (FGS)

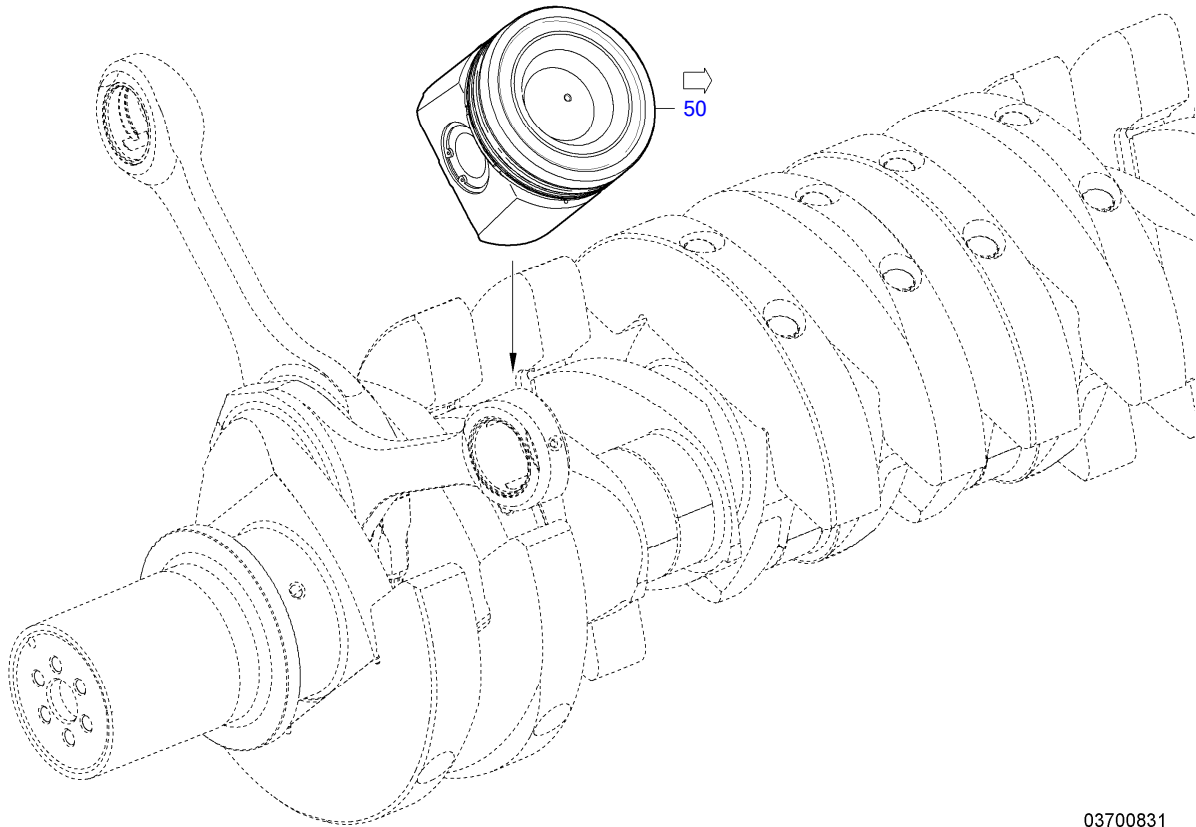
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BOM-No.



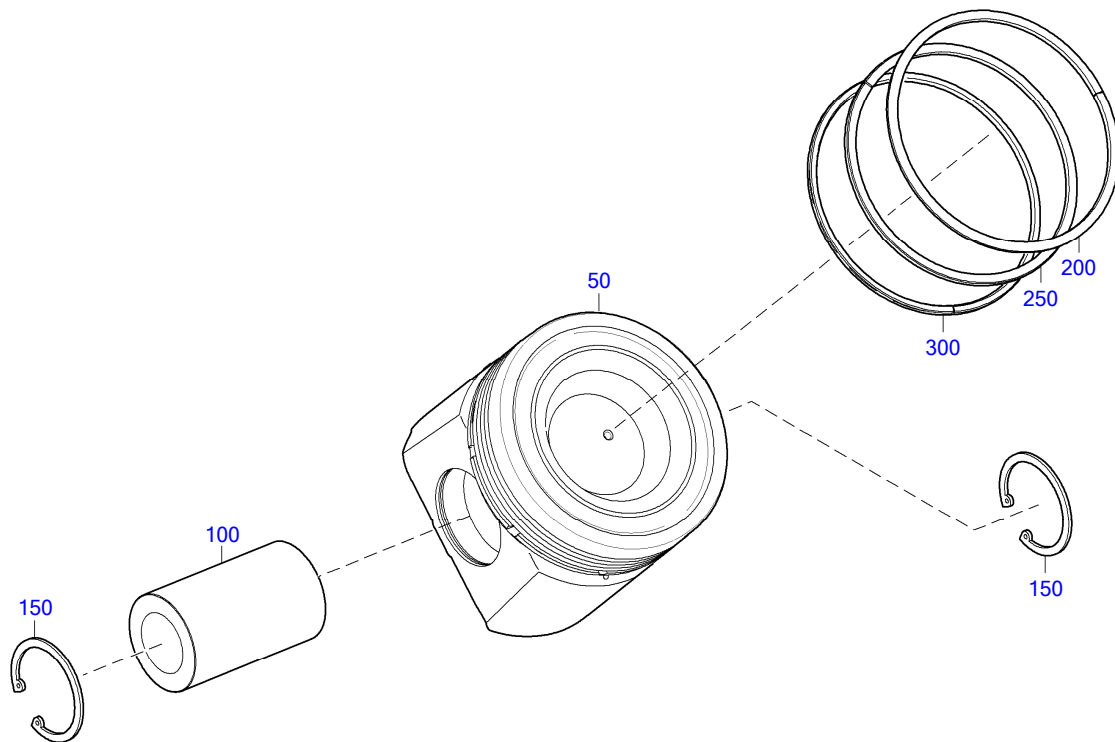
05  
**PISTON**  
XS547030.00101

03700831



03700831

□	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
55	50	X54703700258	PISTON	ZB-MONOSTEEL KOLBEN (TERRA M.)	12	PC	11.400 kg	EM	MIT 8% DOPPELVALITÄT



03700832

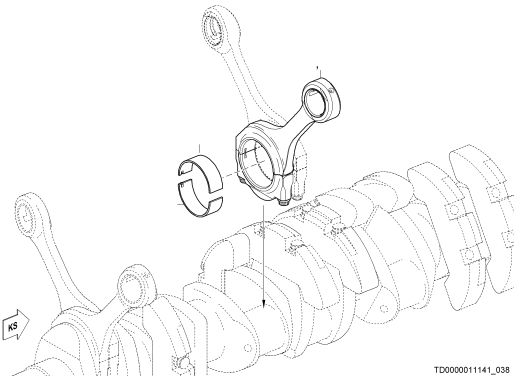
☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
	50	X54703700266	PISTON	LU-MONOSTEEL KOLBEN TERRA	1	PC	7.200 kg	EM	8% DOPPELOVALITÄT
	100	X54703700014	PISTON PIN		1	PC	2.520 kg		
	150	X52403700173	CIRCLIP		2	PC	17.100 g		
	200	X54703700133	RECTANGLR-SECT RING	R-RING 4MM STAHL NITRIERT	1	PC	80.000 g	EM	
	250	0090374519	TAPER FACE COMP RING		1	PC	90.000 g		
	300	X54703700028	OIL CONTROL RING	SCHWACH FEDER	1	PC	0.050 kg	EM	OELRING KON CKS MIT

GROUP SEGMENT (FGS)

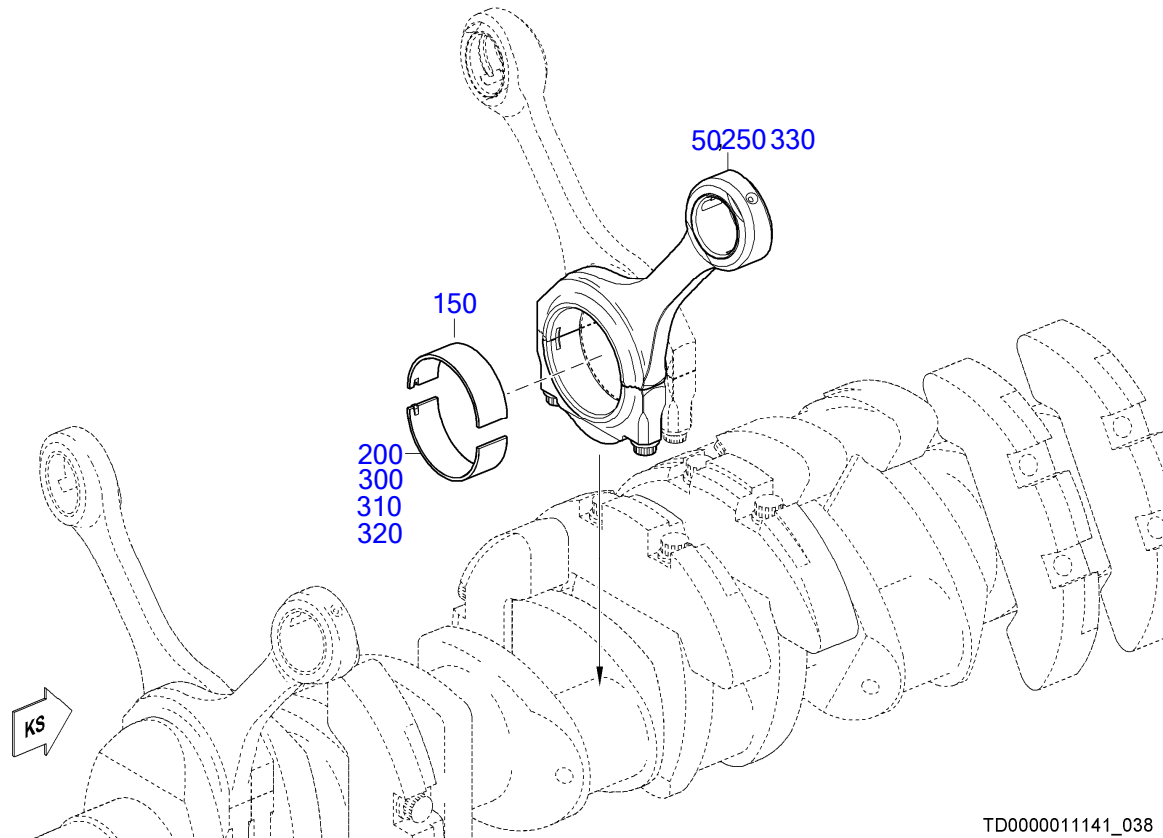
GROUP NAME

BOM-No.

05  
CONROD W/BEARING  
XS547030.00183

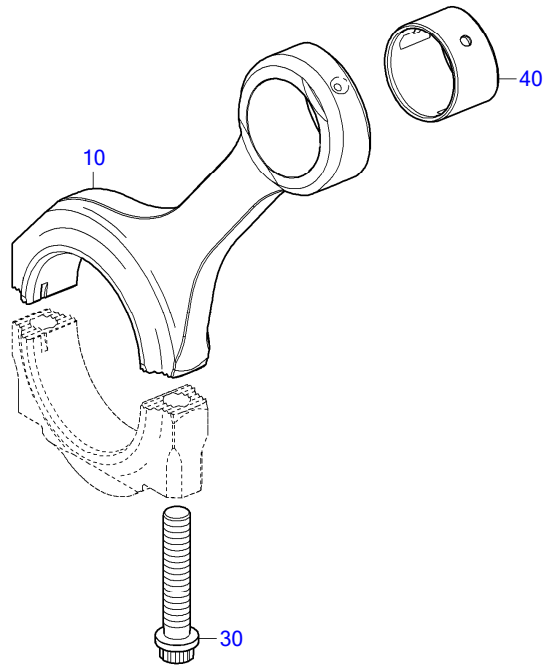


TD0000011141\_038



TD0000011141\_038

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
58	50	X59403800071/42	CONROD		12	PC	9.879 kg	EM	
	150	X59303800008	CONROD BEARING SIZE 0-0	OBERE HAELFTE	12	PC	214.300 g		
	200	X54703800059	CONROD BEARING STAGE 0-0	UNTERE HAELFTE	12	PC	0.214 kg		
	250	EX59403800011/42	CONROD		12	PC	9.680 kg	MN EM	
	300	X54703800072	CONROD BEARING STAGE 0-1	MIBA 68	1	PC	0.224 kg		Ø 124MM
	310	X54703800073	CONROD BEARING STAGE 0-2	MIBA 68	1	PC	0.211 kg		Ø 124MM
	320	X54703800074	CONROD BEARING STAGE 0-3	MIBA 68	1	PC	0.211 kg		Ø 124MM
	330	RX59403800071/42	CONROD		1	PC	9.900 kg	EM	



TD0000004081\_038

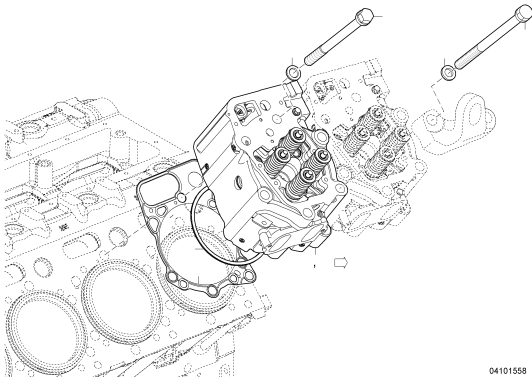
☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN
	10	<b>X59403800077/42</b>	CONNECTING ROD	1	PC		EM
	30	<b>5240380471</b>	BOLT M20 1.50 X 103.0 LG 18 CONROD	2	PC	308.000 g	
	40	<b>5240382550</b>	BUSHING CONROD SIZE 0	1	PC	303.000 g	M

GROUP SEGMENT (FGS)

GROUP NAME

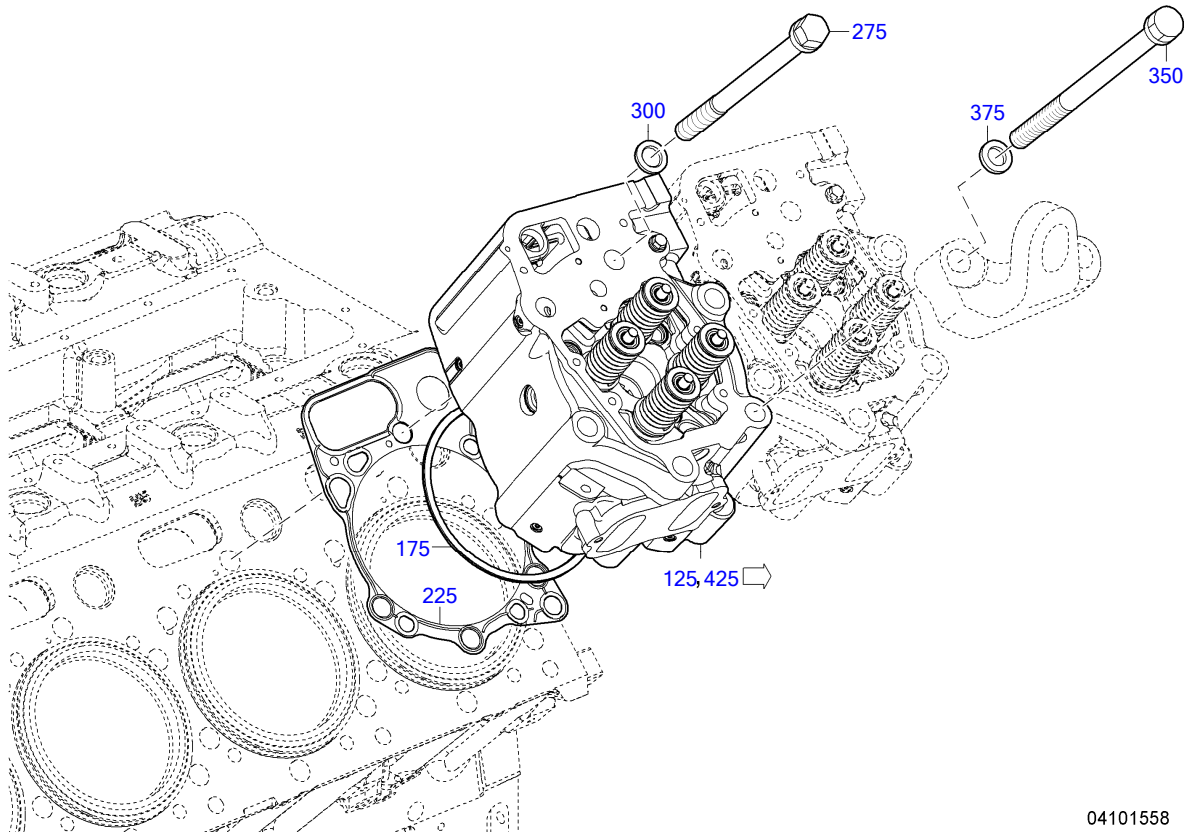
BOM-No.

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05  
CYLINDER HEAD FOR 12V  
XS547040.00034

04101558



04101558

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
61	125	X52904100161	CYL.HEAD WITH VALVES	12	PC	50.243 kg	EM	DRALL = 1.3
	175	X52404200052	SEAL RING	12	PC	0.163 kg	EM	
	225	X52404200037	GASKET FOR CYLINDER HEAD	12	PC	0.110 kg		
	275	X54904200002	SCREW	60	PC	904.500 g		
	300	5240110062	WASHER THRUST	60	PC	20.600 g		
	350	5240160069	BOLT HEX CYL HD	12	PC	1.100 kg		M22X2X333
	375	5240110062	WASHER THRUST	12	PC	20.600 g		
	425	EX52904100161	CYL.HEAD WITH VALVES	1	PC	50.243 kg	MN EM	

EQUI TYPE: Engine

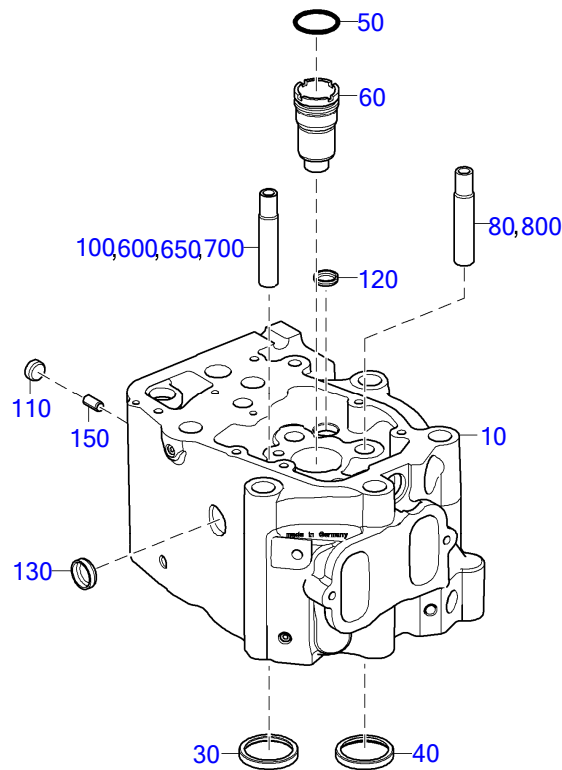
PRODUCT TYPE: 12V4000C65  
CYL.HEAD WITH VALVES

SERIAL NUMBER: 5472000318

FG/FGS:

BOM-No.: X52904100161

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
62	10	<b>X52904100156</b>	CYLINDER HEAD W/VALVE GUIDES		1	PC	47.250 kg	EM	DRALL = 1.3	
	20	<b>700429010004</b>	O-RING		2	PC	0.200 g		10,78X 1,82	MMN429
	30	<b>X52404100226</b>	INLET VALVE		2	PC	0.344 kg			
	40	<b>5240530805</b>	EXHAUST VALVE		2	PC	340.800 g	EM		
	50	<b>X52404100108</b>	VALVE SPRING INNER	4000	4	PC	52.000 g			
	60	<b>X52404100107</b>	VALVE SPRING OUTER	4000	4	PC	157.000 g			
	70	<b>5240530125</b>	RETAINER VALVE SPRING		4	PC	33.800 g			
	80	<b>0000530926</b>	VALVE KEEPER WEDGE		8	PC	1.600 g			
	90	<b>0000534335</b>	VALVE ROTATOR		4	PC	108.700 g			
	110	<b>000910014004</b>	PLUG		1	PC	25.000 g		M 14 X 1,5	DIN910
	120	<b>007603014102</b>	COPPER SEALING RING		1	PC	1.000 g		A 14 X 18	DIN7603



TD0000022339\_041

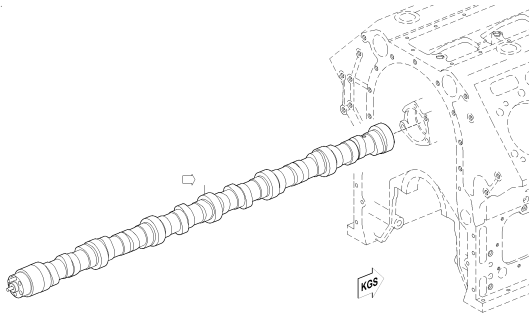
☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	10	X52904100155	CYLINDER HEAD		1	PC	46.185 kg	EM	DRALL = 1.3	
	30	X52404100027	VALVE SEAT INSERT INLET		2	PC	47.700 g	EM	D 58U6	
	40	5240530032	VALVE SEAT INSERT EX HAUST		2	PC	0.031 kg	EM	D 57U6	
	50	735252039000	O-RING		1	PC	1.800 g		39,2 X 3	MTN5252
	60	5240160153	TUBE INJECTOR		1	PC	188.600 g			
	80	X52404100143	VALVE GUIDE INSERT		2	PC	137.300 g	EM	D 19.3R6 / D10.6+0.05	
	100	5240530530	VALVE GUIDE INSERT		2	PC	133.600 g	EM	D 19R6 / D10.6+0.05	
	110	5550160633	SEALING CAP		1	PC	7.200 g		D 20	
	120	5800160033	SEALING CAP		4	PC	11.000 g		D24	
	130	5240160233	SEALING CAP		5	PC	18.200 g		D 30	
	150	207346010000	SPRING PIN		1	PC	4.100 g		10 X 20	DIN7346
	600	5240530830	VALVE GUIDE	STUFE 0 - KENNZ. 1 RILLE	1	PC	130.000 g		FERTIG BEARBEITET, 19.00 R6 H7	
	650	5240530930	VALVE GUIDE	STUFE 1 - KENNZ. 2 RILLEN	1	PC	130.000 g	EM	FERTIG BEARBEITET, 19.10 R6 H7	
	700	5240531030	VALVE GUIDE	STUFE 2 - KENNZ. 3 RILLEN	1	PC	140.000 g	EM	FERTIG BEARBEITET, 19.30 R6 H7	
	800	X52404200010	VALVE GUIDE INLET AND EXHAUST	STUFE 2 - KENNZ. 3 RILLEN	1	PC	0.120 kg	EM	FERTIG BEARBEITET, 19.30 R6 H7	

GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.

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05  
**CAMSHAFT FOR 12V**  
XS547050.00032

05100252a

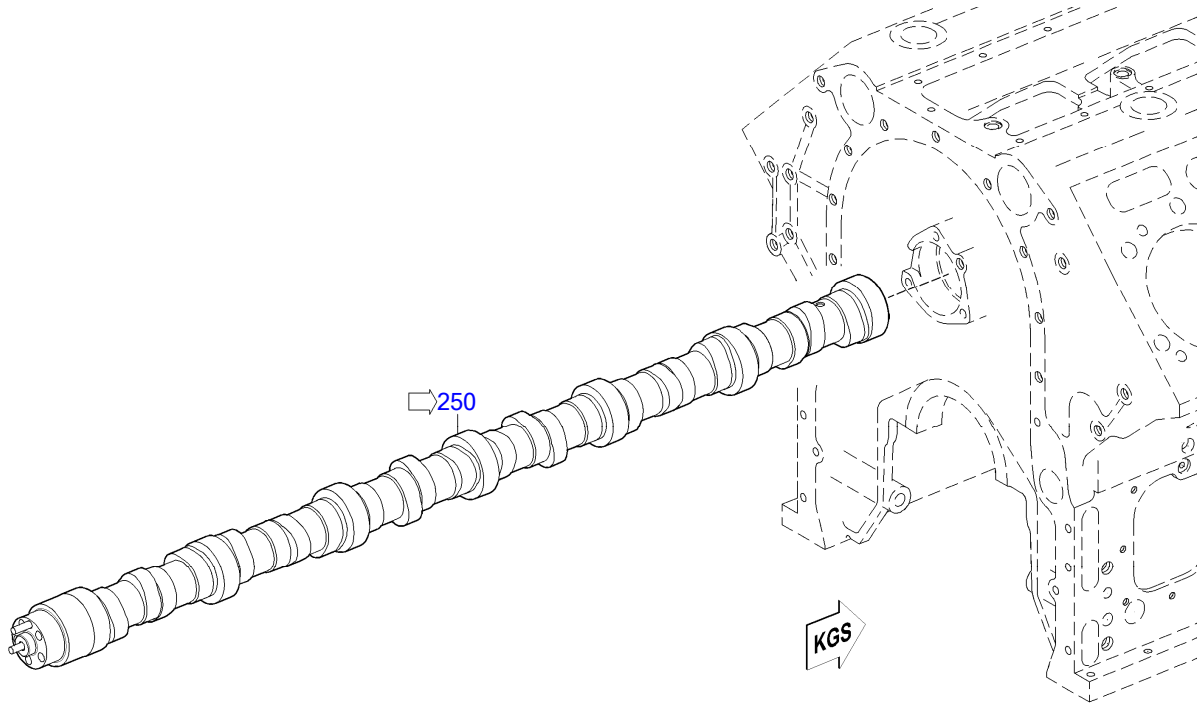
EQUI TYPE: Engine

PRODUCT TYPE: 12V4000C65  
CAMSHAFT FOR 12V

SERIAL NUMBER: 5472000318

FG/FGS: 051 05

BOM-No.: XS547050.00032



05100252a

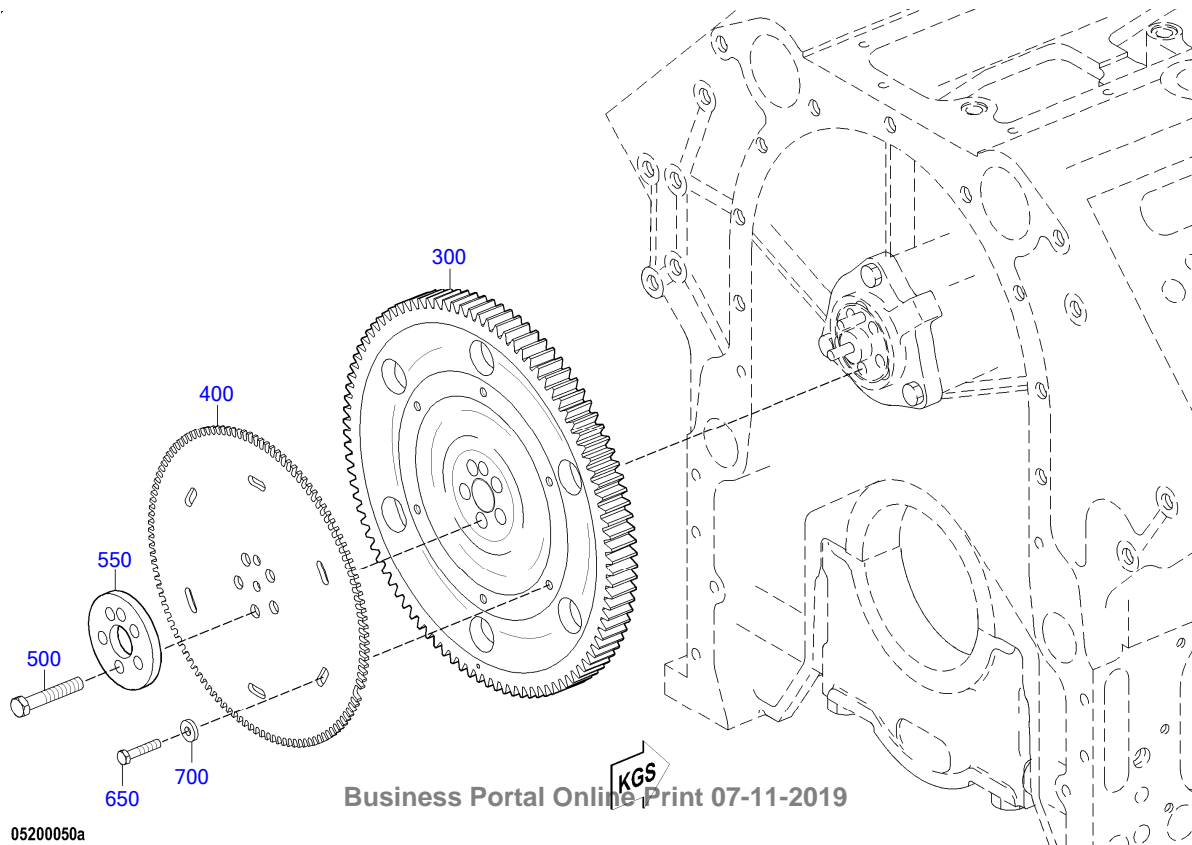
EQUI TYPE: Engine

PRODUCT TYPE: 12V4000C65  
CAMSHAFT FOR 12V

SERIAL NUMBER: 5472000318

FG/FGS: 051 05

BOM-No.: XS547050.00032



05200050a

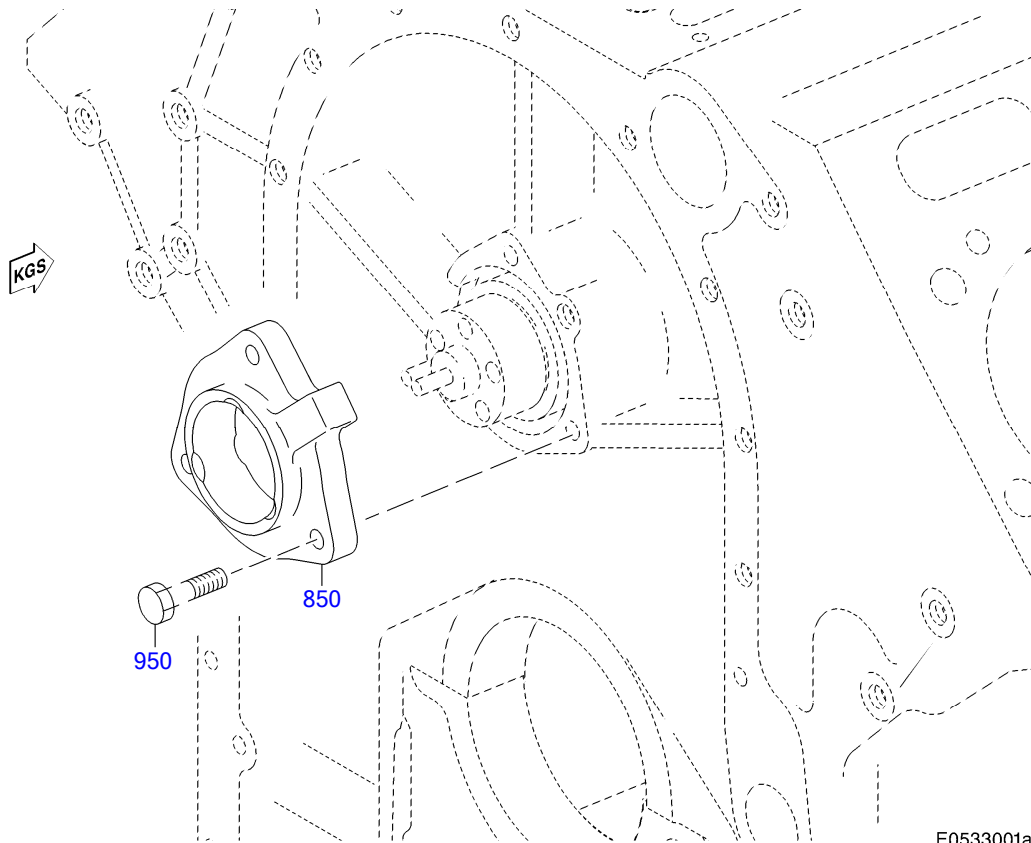
EQUI TYPE: Engine

PRODUCT TYPE: 12V4000C65  
CAMSHAFT FOR 12V

SERIAL NUMBER: 5472000318

FG/FGS: 051 05

BOM-No.: XS547050.00032



E0533001a1

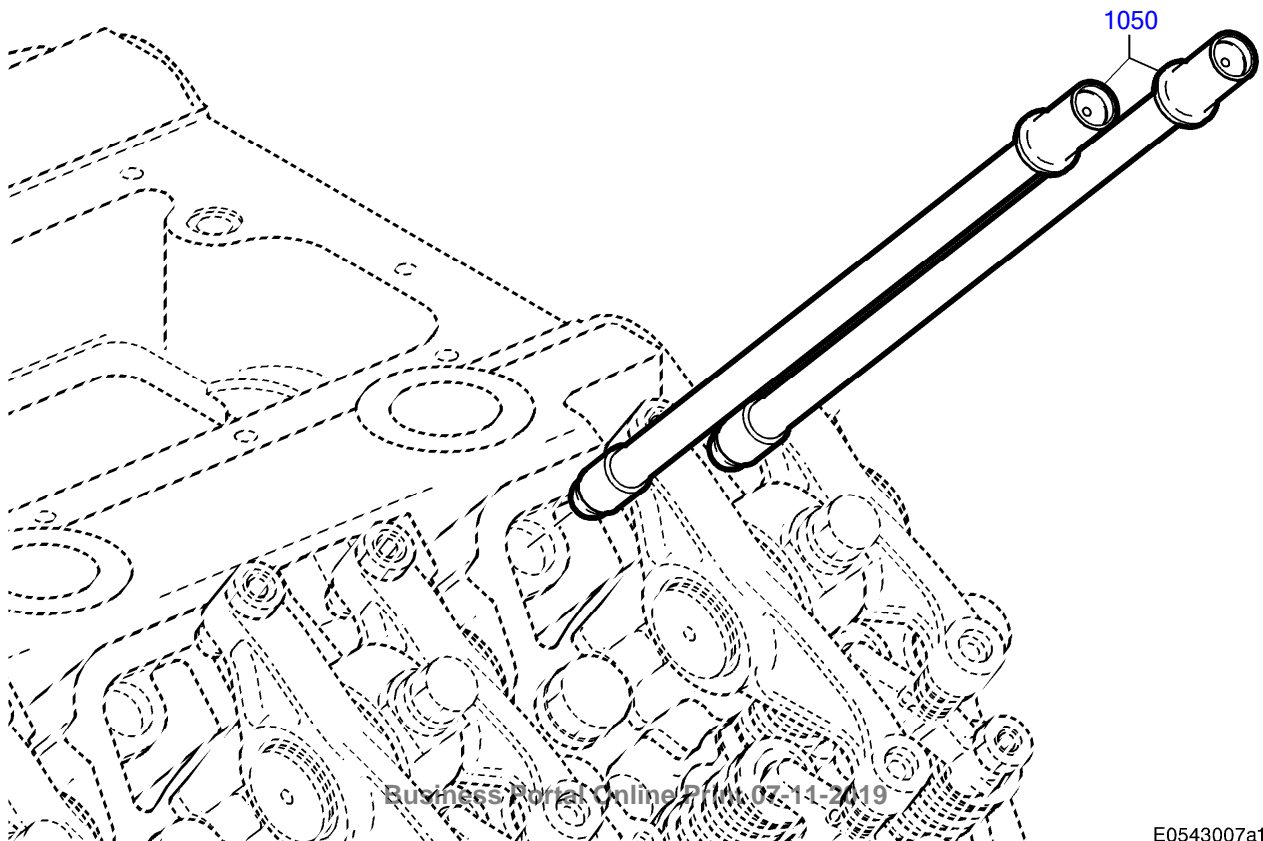
EQUI TYPE: Engine

PRODUCT TYPE: 12V4000C65  
CAMSHAFT FOR 12V

SERIAL NUMBER: 5472000318

FG/FGS: 051 05

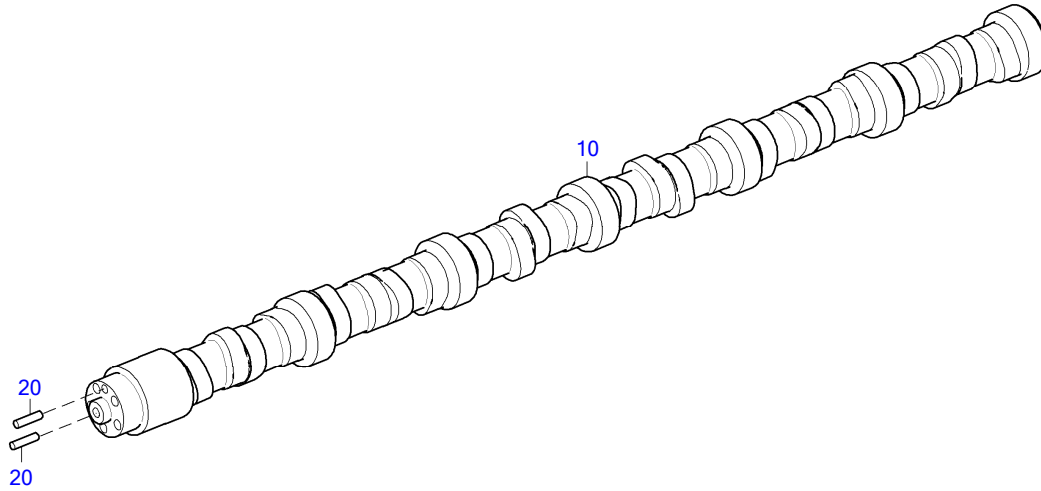
BOM-No.: XS547050.00032



Business World Online P/W 07-11-2019

E0543007a1

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
65	250	X54705100007	CAMSHAFT FOR 12V	1	PC	49.741 kg	EM		
	300	X52405200023	CAMSHAFT GEAR	1	PC	19.520 kg	EM		
	400	5240521748	WHEEL SRS ADEC	1	PC	2.900 kg	EM		
	500	000931012052	HEX SCREW	5	PC	72.190 g		M 12 X 70	DIN931
	550	5240510351	SPACER RING HOLES	1	PC	422.900 g			
	650	304017008085	HEX SCREW	6	PC	18.000 g		M 8 X 40	ISO4017
	700	007349008002	WASHER	6	PC	7.900 g		8,4	DIN7349
	850	X52405300005	THRUST BEARING FLANG FOR CAMSHAFT	1	PC	2.000 kg			
	950	000000003437	HEX SCREW	3	PC	50.800 g		M 12 X 50	ISO4017
	1050	X52405400013	PUSHROD	24	PC	600.200 g			



05100325

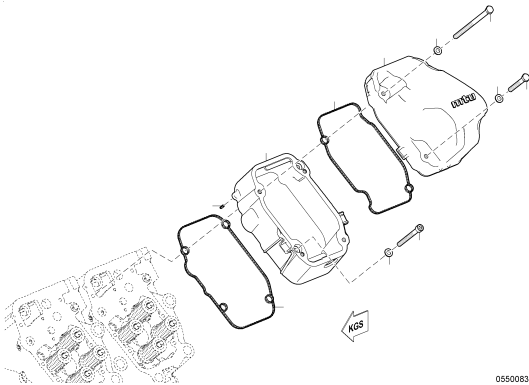
☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	10	X54705100006	CAMSHAFT FOR 12V	1	PC	49.741 kg	EM		
	20	000007010111	PIN DOWEL CAMSHAFT	2	PC	25.000 g		10 M6 X 40	DIN7

GROUP SEGMENT (FGS)

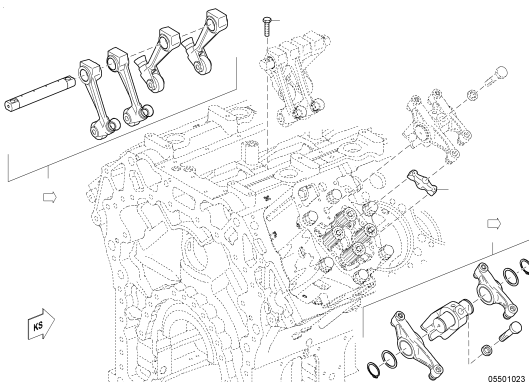
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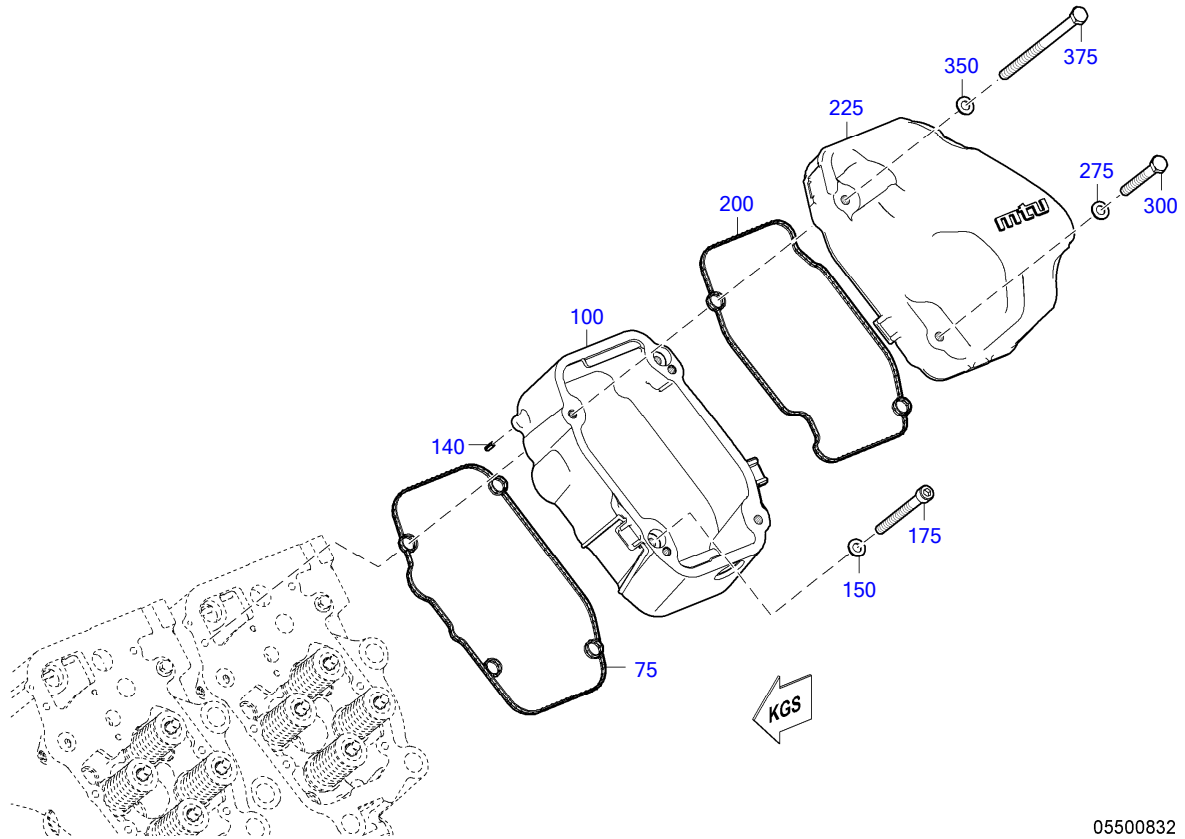
BOM-No.

00  
CYLINDER HEAD COVER FOR 12V  
XS547050.00038



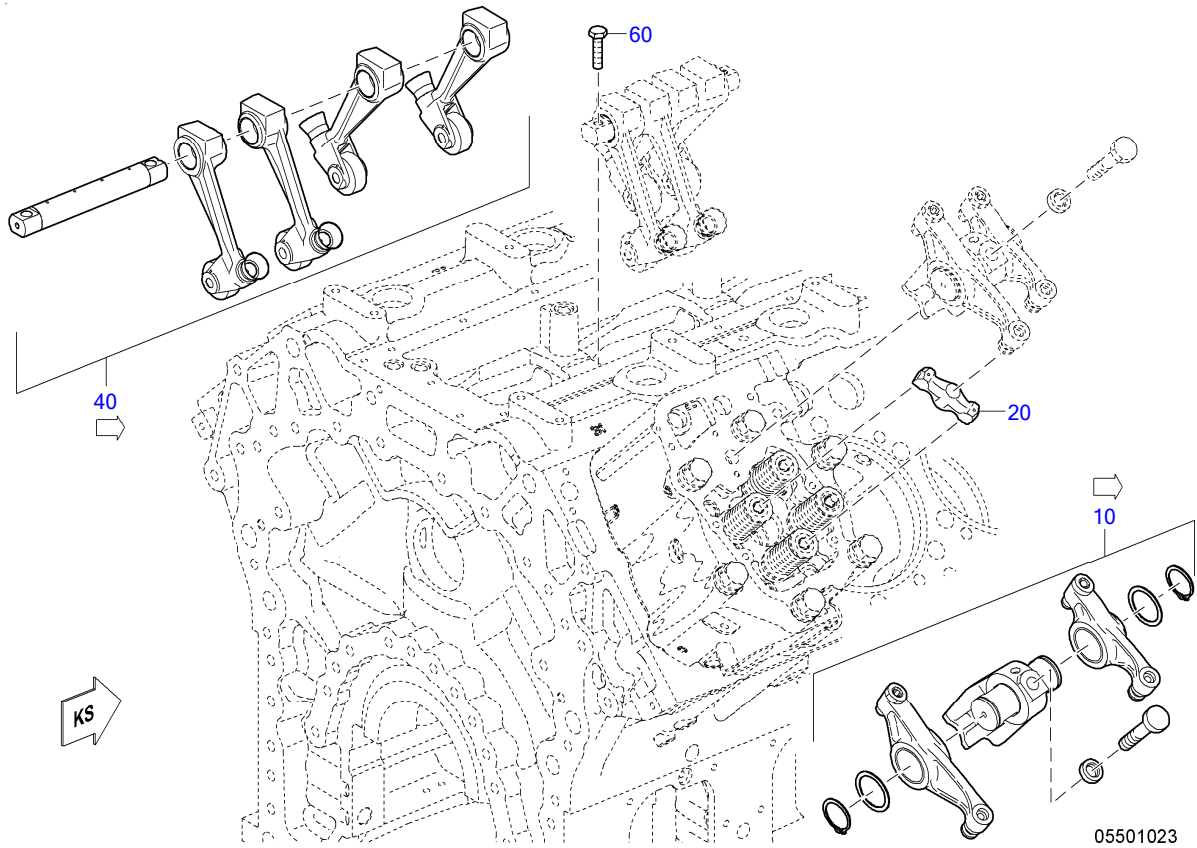
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VALVE GEAR WITH PRESS.OIL LUBR  
XS526050.00041



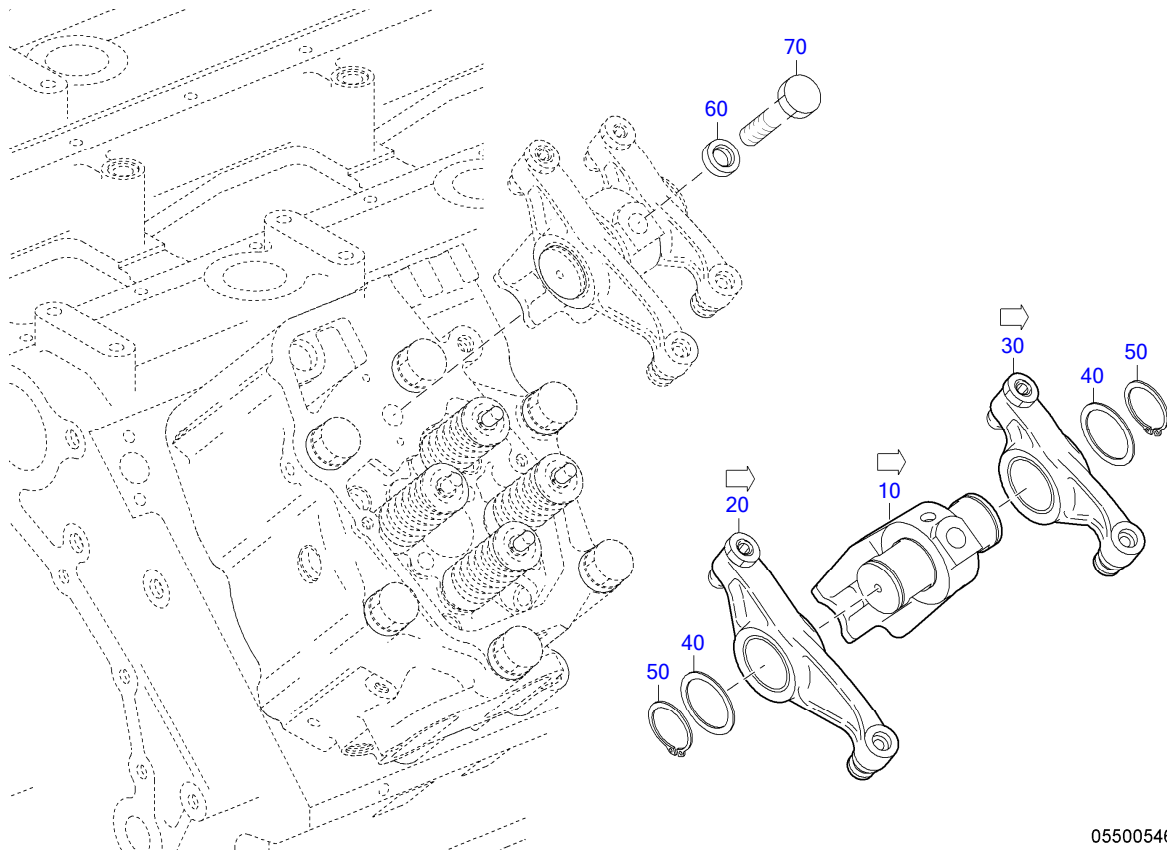


05500832

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	75	X52904200002	GASKET F CYLIND. HEAD COVE	12	PC	19.400 g		
	100	X52905500042	CYLINDER HEAD COVER LOWER PART	12	PC	2.800 kg		
	140	001481005017	PIN SPRING	12	PC	1.400 g	5 X 16 - N	ISO8752
	150	200433010501	WASHER	24	PC	2.000 g	10,5	DIN433
	200	X52904200003	GASKET F CYLIND. HEAD COVE	12	PC	16.600 g		
	225	X52905500061	CYLINDER HEAD COVER UPPER PART	12	PC	4.376 kg		
	275	735151010200	SPACER S2000/4000	24	PC	22.100 g	B 10,5	MTN5151
	300	204017010026	HEX SCREW	24	PC	51.700 g	M 10 X 85	ISO4017
	350	735151010200	SPACER S2000/4000	24	PC	22.100 g	B 10,5	MTN5151
	375	204014010045	HEX SCREW	24	PC	112.000 g	M 10 X175	ISO4014
		204762010006	FILLISTER SCREW	24	ST	62.200 g	M 10 X 90	ISO4762

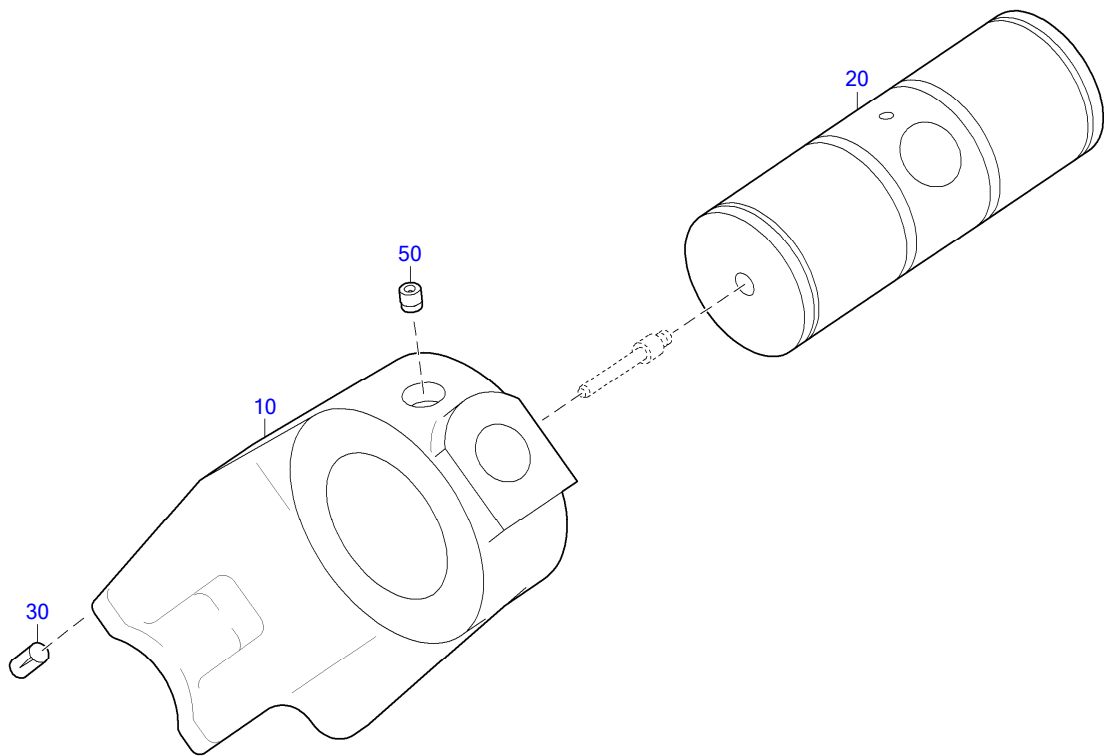


☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	X52405500216	ROCKER ARM	12	PC	6.546 kg		
	20	X52405500212	VALVE BRIDGE	24	PC	272.200 g		
	40	X52405500243	SWING FOLL.	6	PC	7.400 kg		
	60	910105010011	HEX SCREW	12	PC	0.037 kg	M10X 40	MBN10105



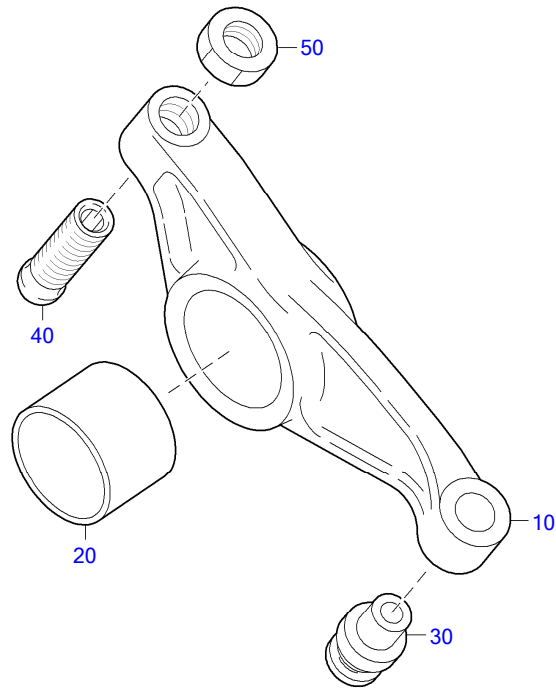
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□	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	70	10	<b>X52405500217</b>	ROCKER SHAFT SUPPORT	1	PC	3.523 kg		
	71	20	<b>X52405500214</b>	ROCKER ARM INLET	1	PC	1.393 kg		
	72	30	<b>X52405500215</b>	ROCKER ARM EXHAUST	1	PC	1.377 kg		
		40	<b>X52499100774</b>	SUPPORT PLATE	BR4000	2	PC	10.000 g	
		50	<b>000471045000</b>	RING SNAP HV ZNPH R5F		2	PC	7.300 g	45 X 1,75 DIN471
		60	<b>700521016200</b>	WASHER		1	PC	11.700 g	16,2 MMN521
		70	<b>200933016002</b>	HEX SCREW		1	PC	272.000 g	M 16 X180 DIN933



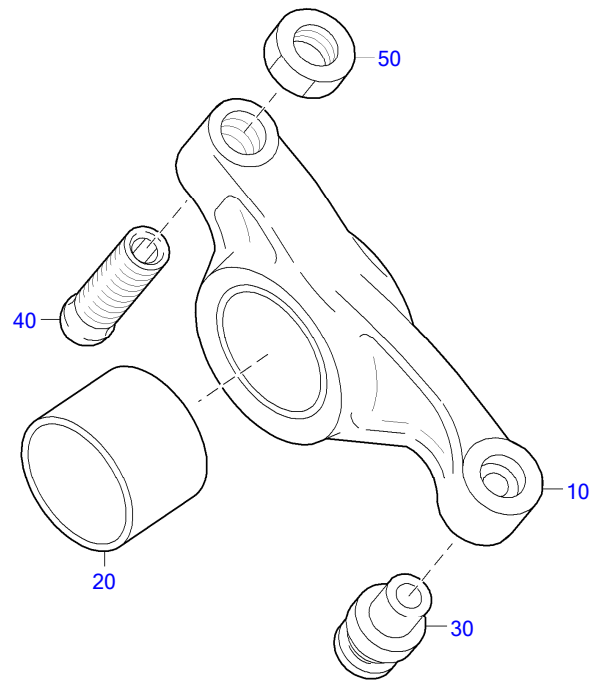
05500549

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	X52405500207	ROCKER SHAFT SUPPORT	1	PC	2.132 kg		
	20	X52405500097	ROCKER SHAFT	1	PC	1.374 kg		
	30	001474006000	PIN GROOVED	2	PC	2.700 g	6 X 12	DIN1474
	50	X52418300025	OIL SPRAY NOZZLE	1	PC	1.000 g		



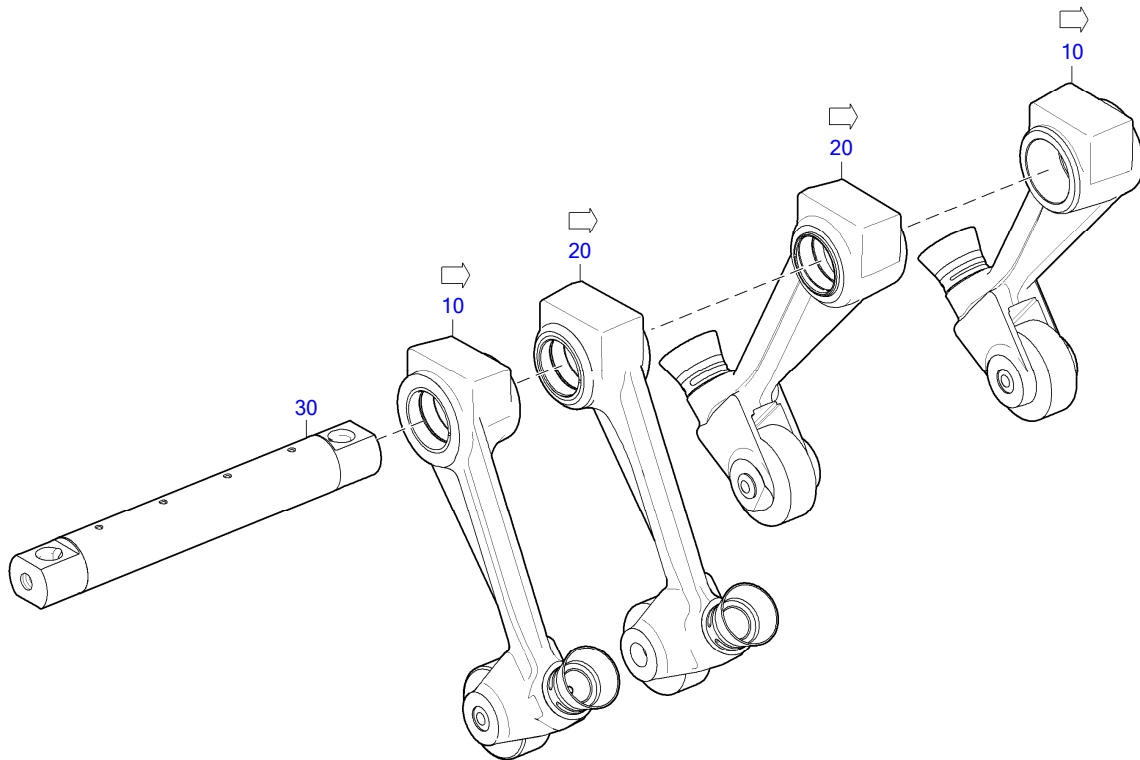
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☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	X52405500205	ROCKER ARM INLET	1	PC	1.102 kg		
	20	5240550550	BUSHING	1	PC	116.000 g		
	30	X52405200015	THRUST MEMBER FOR ROCKER ARM	1	PC	75.000 g		
	40	X52499100259	ADJUSTING SCREW FOR ROCKER ARM	1	PC	71.000 g		
	50	00000000403	NUT ADEC	1	PC	17.000 g	M 16 X 1,5	ISO8675




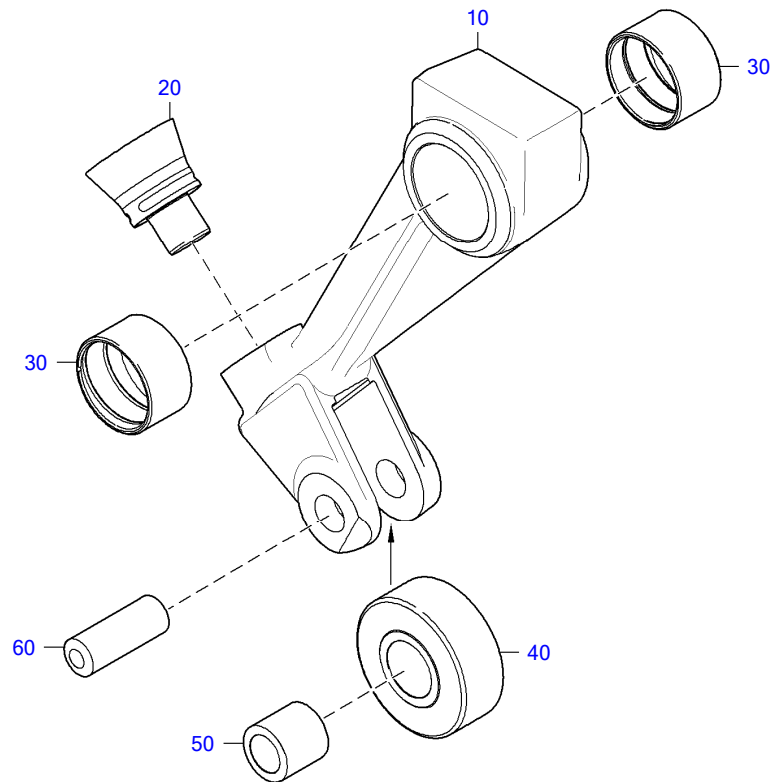
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☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	<b>X52405500206</b>	ROCKER ARM EXHAUST	BR4000	1	PC	1.065 kg		
	20	<b>5240550550</b>	BUSHING		1	PC	116.000 g		
	30	<b>X52405200015</b>	THRUST MEMBER FOR ROCKER ARM		1	PC	75.000 g		
	40	<b>X52499100259</b>	ADJUSTING SCREW FOR ROCKER ARM		1	PC	71.000 g		
	50	<b>000000000403</b>	NUT ADEC		1	PC	17.000 g	M 16 X 1,5	ISO8675



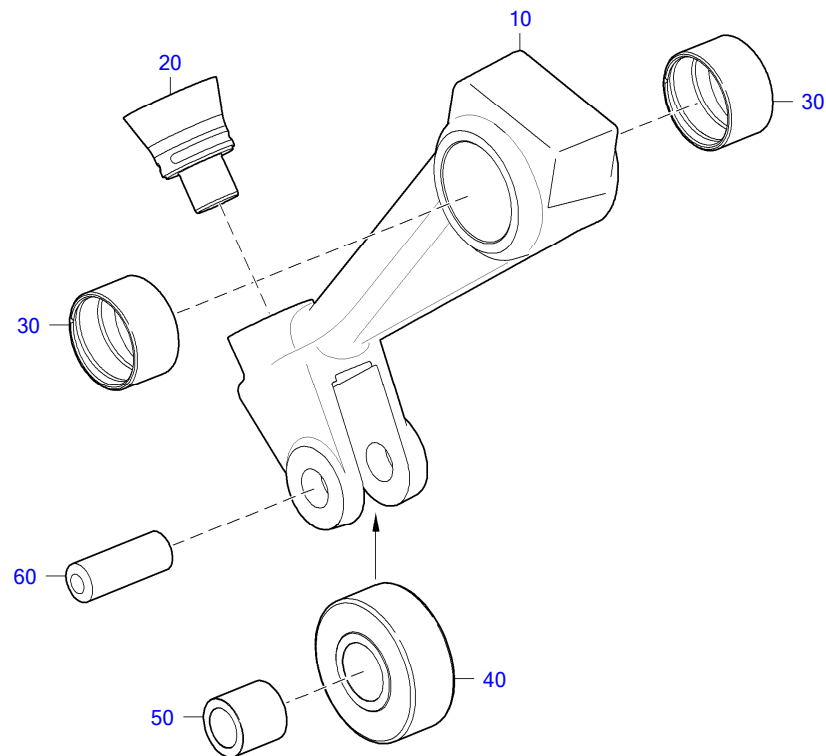
05501004

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
74	10	X52405500241	SWING FOLL. INLET	2	PC	1.671 kg
75	20	X52405500242	SWING FOLL. EXHAUST	2	PC	1.667 kg
	30	X52405500245	ROCKER SHAFT WITH PRESS.OIL LUBR	1	PC	1.303 kg



05501005

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
	10	X52405500239	SWING FOLL. INLET	1	PC	1.187 kg
	20	X52405500136	BALL SOCKET FOR ROCKER ARM	1	PC	64.500 g
	30	X52499100777	BUSHING FOR ROCKER ARM	2	PC	36.000 g
	40	X52405500164	ROLLER FOR ROCKER ARM	1	PC	272.000 g
	50	X52499100179	BUSHING FOR ROCKER ARM	1	PC	30.000 g
	60	X52499100180	PIN FOR ROCKER ARM	1	PC	45.000 g



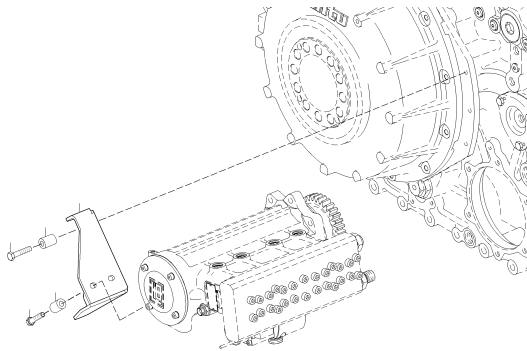
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☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
	10	X52405500240	SWING FOLL. EXHAUST	1	PC	1.183 kg
	20	X52405500136	BALL SOCKET FOR ROCKER ARM	1	PC	64.500 g
	30	X52499100777	BUSHING FOR ROCKER ARM	2	PC	36.000 g
	40	X52405500164	ROLLER FOR ROCKER ARM	1	PC	272.000 g
	50	X52499100179	BUSHING FOR ROCKER ARM	1	PC	30.000 g
	60	X52499100180	PIN FOR ROCKER ARM	1	PC	45.000 g

GROUP SEGMENT (FGS)

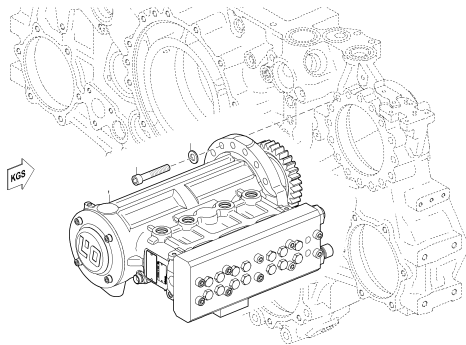
GROUP NAME

BOM-No.



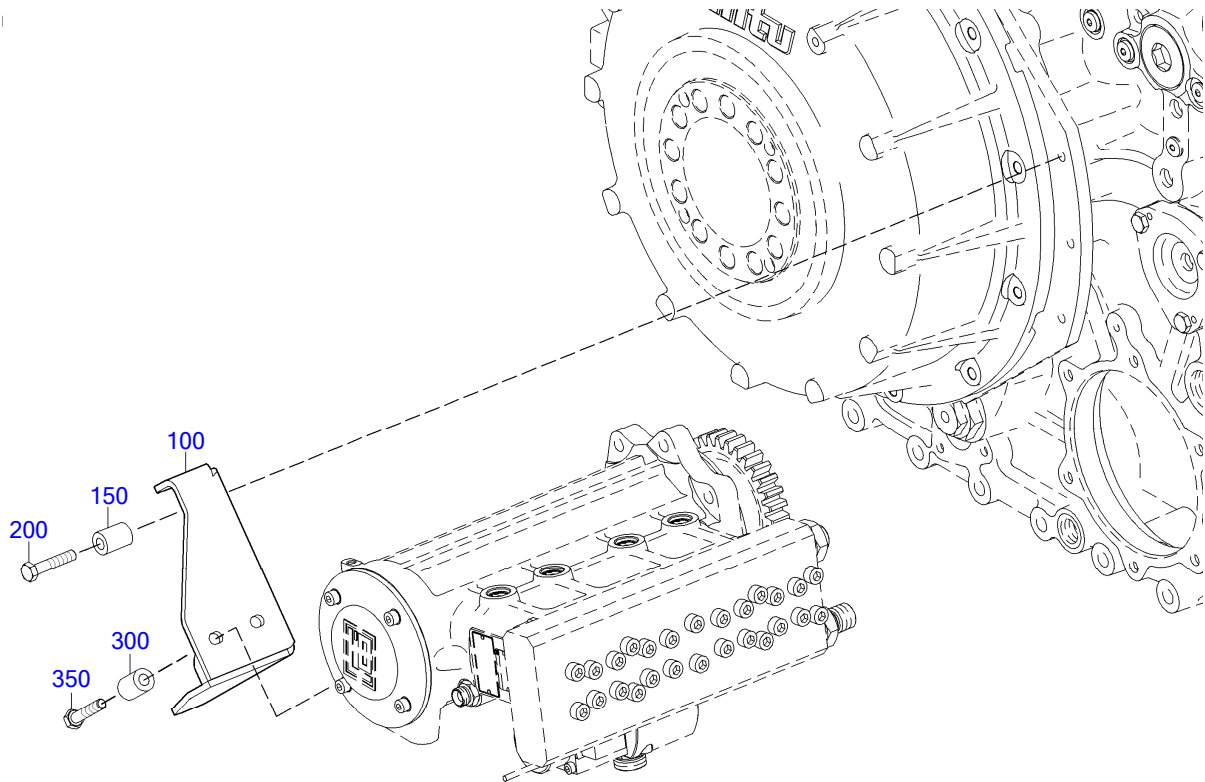
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RETAINER FOR HP PUMP  
XS547070.00052

073005276



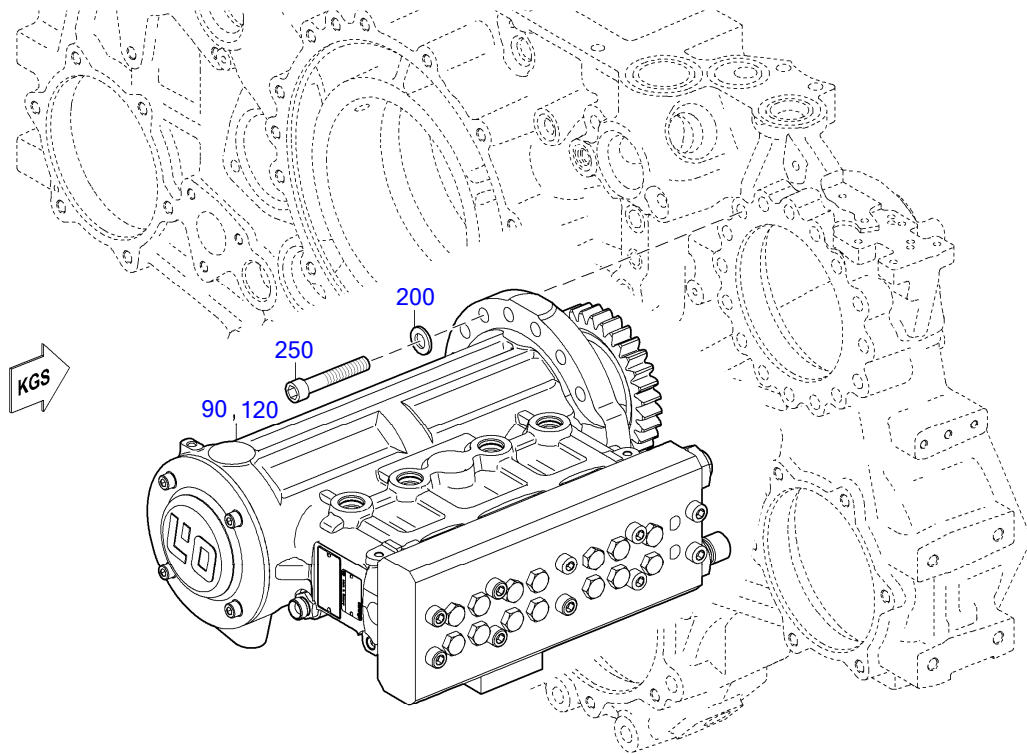
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HP PUMP WITH 4-CYLINDERS  
XS529070.00089

07301065



07300527b

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	100	<b>X54707300008</b>	RETAINER FOR HP PUMP	1	PC	2.920 kg		
	150	<b>735151010200</b>	SPACER S2000/4000	3	PC	22.100 g	B 10,5	MTN5151
	200	<b>000000001042</b>	HEX SCREW	3	PC	34.600 g	M 10 X 50	ISO4017
	300	<b>735151010200</b>	SPACER S2000/4000	2	PC	22.100 g	B 10,5	MTN5151
	350	<b>000000001042</b>	HEX SCREW	2	PC	34.600 g	M 10 X 50	ISO4017



07301065

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	120	EX52907300088	HP PUMP		1	PC	85.000 kg	MN EM		
	200	200433013001	WASHER		16	PC	2.600 g		13	DIN433
	250	000912012093	SCREW		16	PC	59.000 g		M 12 X 55	DIN912
79		X52907300061	HP PUMP	PCO-G056GV7	1	ST	84.600 kg	EM		


EQUI TYPE: Engine

PRODUCT TYPE: 12V4000C65  
HP PUMP

SERIAL NUMBER: 5472000318

FG/FGS:

BOM-No.: X52907300061

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT
	10	X52907300051	CONTROL BLOCK FOR HP PUMP	FSV12S	1	PC	4.800 kg	PCO-U350
	20	XP52907700145	FUEL PIPEWORK	PCO-10000	1	PC	0.339 kg	

EQUI TYPE: Engine

PRODUCT TYPE: 12V4000C65  
FUEL INJECTOR

SERIAL NUMBER: 5472000318  
FG/FGS: 075

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GROUP SEGMENT (FGS)

**GROUP NAME**

BOM-No.

---

05


**INJECTOR FOR 12V**  
XS547070.00127

EQUI TYPE: Engine

PRODUCT TYPE: 12V4000C65  
INJECTOR FOR 12V

SERIAL NUMBER: 5472000318

FG/FGS: 075 05  
BOM-No.: XS547070.00127

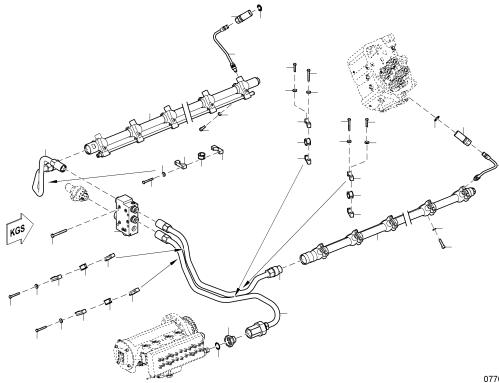
	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
	150	5240780535	CLAMP INJECTOR HOLD-DOWN	12	PC	355.000 g		
	200	5249902101	HEX SCREW	12	PC	87.000 g		M12X100
	250	EX52907500115	INJECTOR	12	PC		MN EM	
		X52907500114	INJECTOR	12	ST	4.992 kg	EM	

GROUP SEGMENT (FGS)

GROUP NAME

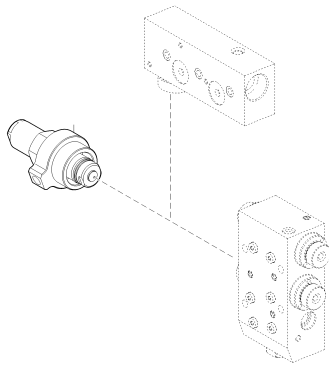
BOM-No.

05  
HP LINE FOR 12V  
XS547070.00087

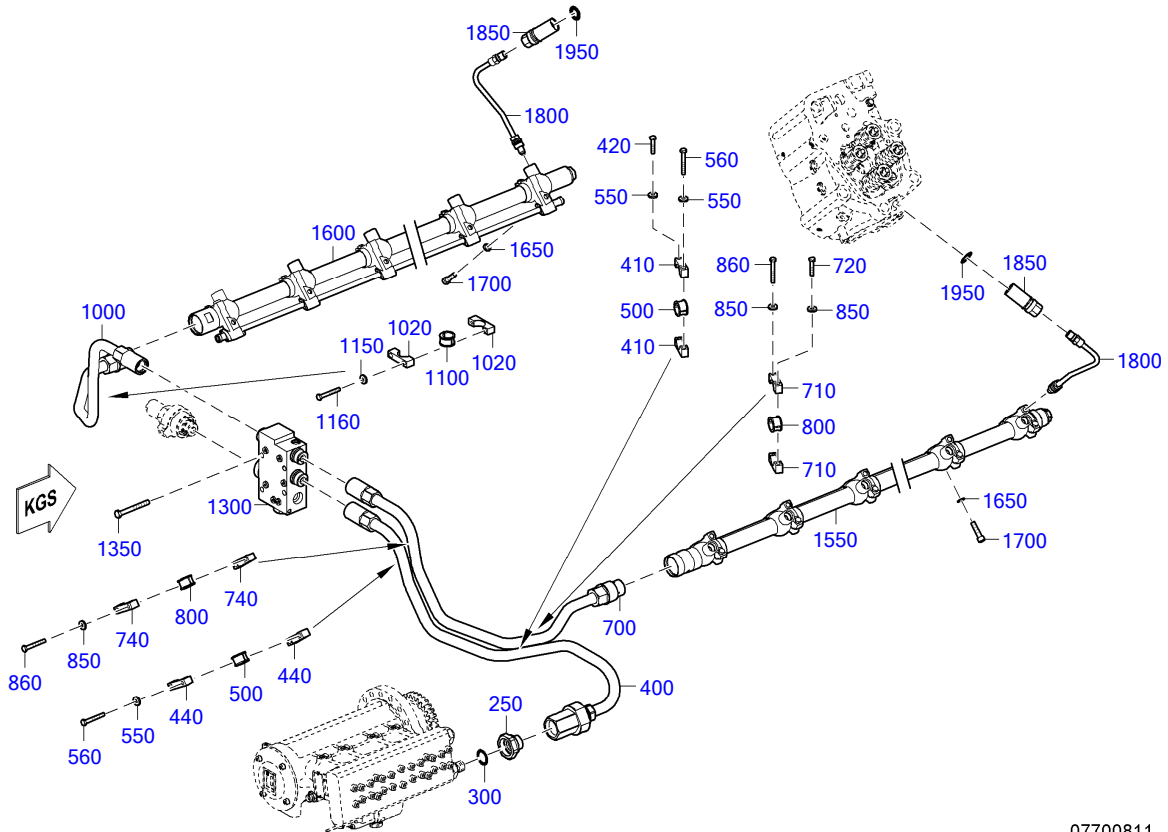


07700811

10  
PRESS RELIEF VALVE 2500 BAR 4L-HPP  
XS548070.00067



07700793



07700811

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
84	250	<b>X59407700021</b> ADAPTER FOR HP LINE		1	PC	302.000 g			
	300	<b>700429028004</b> O-RING		1	PC	1.600 g		28 X 3,15	MMN429
	400	<b>X52907700113</b> HP FUEL LINE JACKETED		1	PC	4.733 kg	EM	NOVA HDL PUMPE I=1,5	
	410	<b>X52999100141</b> PIPE HALF-CLAMP		2	PC	0.083 kg			
	420	<b>X54999100196</b> HEX SCREW		2	PC	0.218 kg			
	440	<b>X52999100030</b> PIPE HALF-CLAMP		2	PC	100.700 g			
	500	<b>X59399100008</b> GROMMET		2	PC	8.900 g			
	550	<b>007349008002</b> WASHER		4	PC	7.900 g	8,4		DIN7349
	560	<b>000000003110</b> HEX SCREW		2	PC	23.900 g		M 8 X 60	ISO4017
	700	<b>X52907700034</b> HP FUEL LINE DOUBLE-WALLED, LEFT	NOVA HDL A-SEITE	1	PC	3.925 kg	EM		
	710	<b>X52999100141</b> PIPE HALF-CLAMP		2	PC	0.083 kg			
	720	<b>X54999100196</b> HEX SCREW		2	PC	0.218 kg			
	740	<b>X52999100030</b> PIPE HALF-CLAMP		2	PC	100.700 g			
	800	<b>X59399100008</b> GROMMET		2	PC	8.900 g			
	850	<b>007349008002</b> WASHER		4	PC	7.900 g	8,4		DIN7349
	860	<b>000000003110</b> HEX SCREW		2	PC	23.900 g		M 8 X 60	ISO4017
	1000	<b>X52907700035</b> HP FUEL LINE DOUBLE-WALLED, RIGHT	NOVA HDL B-SEITE	1	PC	3.452 kg	EM		
	1020	<b>X52999100030</b> PIPE HALF-CLAMP		2	PC	100.700 g			
	1100	<b>X59399100008</b> GROMMET		1	PC	8.900 g			
	1150	<b>007349008002</b> WASHER		2	PC	7.900 g	8,4		DIN7349
	1160	<b>000000003110</b> HEX SCREW		2	PC	23.900 g		M 8 X 60	ISO4017
	1300	<b>X52907800011</b> FUEL DISTRIBUTOR JACKETED	NOVA FRÄSTEIL	1	PC	6.300 kg	EM		
	1350	<b>000000000907</b> HEX SCREW		4	PC	49.500 g		M 10 X 80	ISO4017

EQUI TYPE: Engine

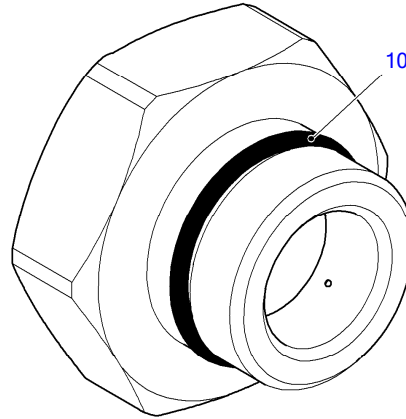
PRODUCT TYPE: 12V4000C65  
HP LINE FOR 12V

SERIAL NUMBER: 5472000318

FG/FGS: 077 05

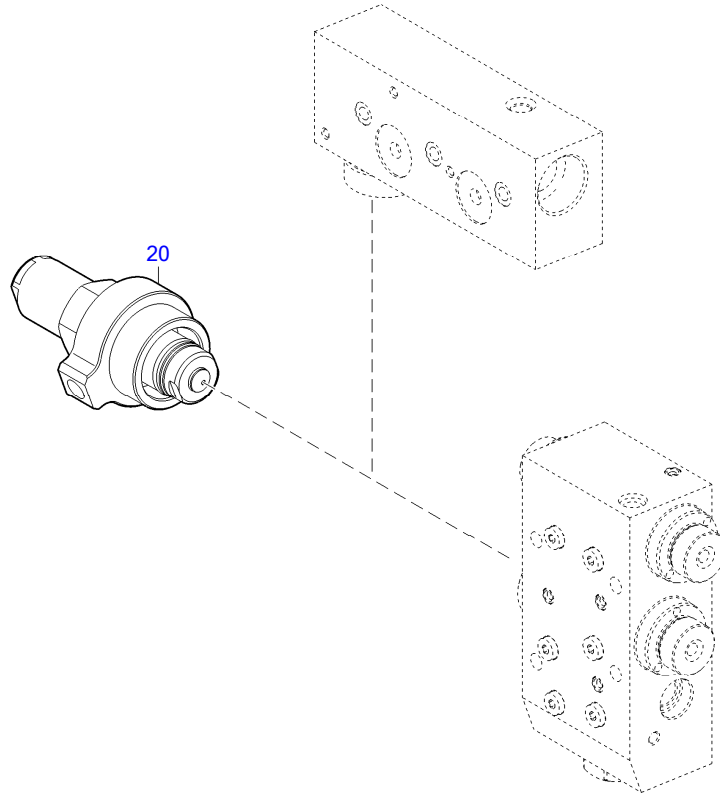
BOM-No.: XS547070.00087

<input type="checkbox"/>	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
38	1410	735210014000	THREAD PLUG		1	PC	0.019 kg		M 14 X 1,5	MTN5210
	1550	X54707700028	HP ACCUMULATOR DOUBLE-WALLED, LEFT		1	PC	15.812 kg		EM	
	1600	X54707700027	HP ACCUMULATOR DOUBLE-WALLED, RIGH		1	PC	15.751 kg		EM	
	1650	200433010500	WASHER		12	PC	1.900 g		10,5	DIN433
	1700	000912010014	BOLT HEX SOC HD		12	PC	31.500 g		M 10 X 40	DIN912
	1800	X52907700054	FUEL INJECTION LINE JACKETED		12	PC	287.600 g		EM	
	1850	X52907700049	ADAPTER JACKETED	DW ADAPTER OHNE SPALTFILTER	12	PC	324.000 g		EM TERRA	
	1950	700429024000	O-RING		12	PC	3.900 g		24 X 5	MMN429



TD0000018762\_202

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT
	10	XP59407700085	O-RING	O-RING AUF ADAPTER X9407700021	1	PC	1.100 g



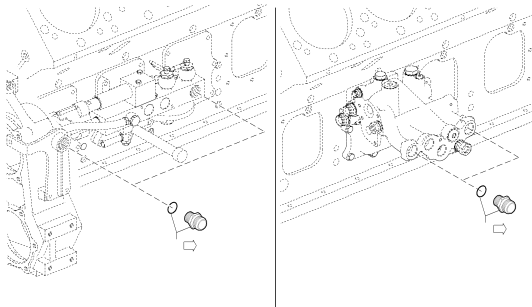
07700793

□	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN
	X54707700066	RELIEF VALVE FOR 4-CYL HP PUMP	1	ST	2.250 kg	EM

GROUP SEGMENT (FGS)

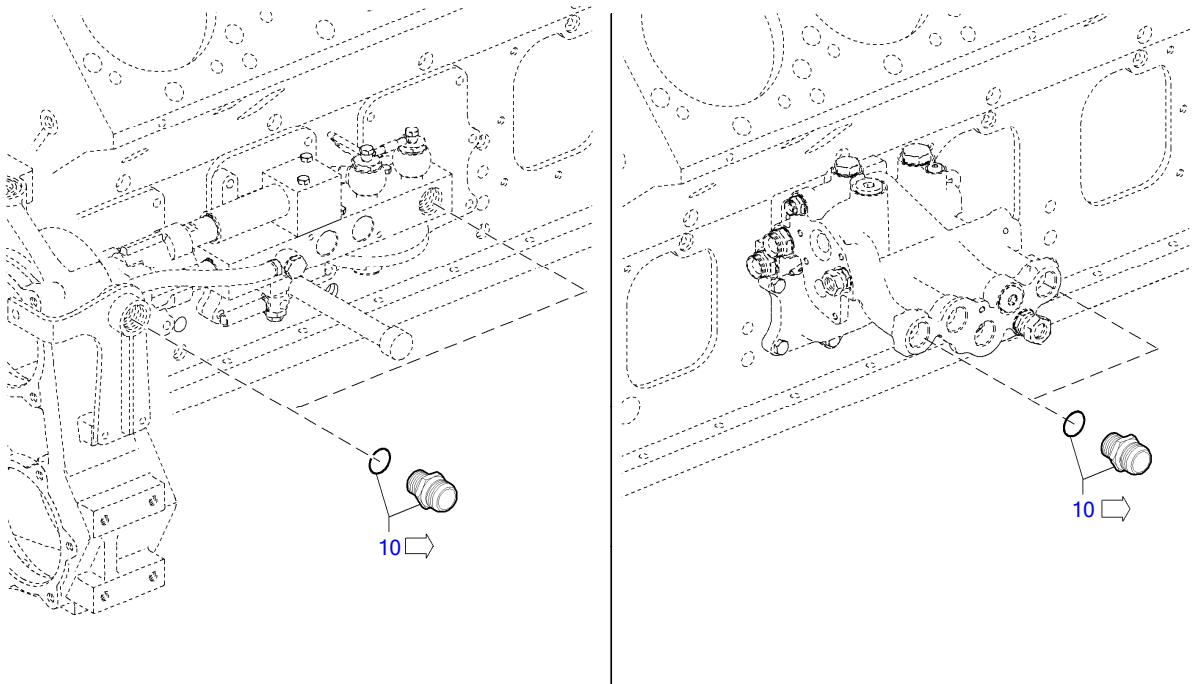
GROUP NAME

BOM-No.



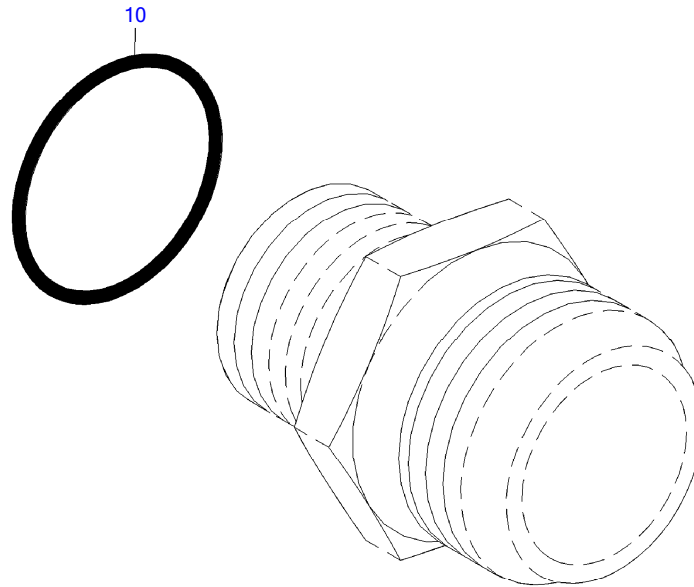
05  
CONNECTING HARDWARE FOR FUEL LINE  
080.00129

08100134a




08100134a

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
88	10	735186016000	UNION	2	PC	0.220 kg	16M33X2	MTN5186



08100126a

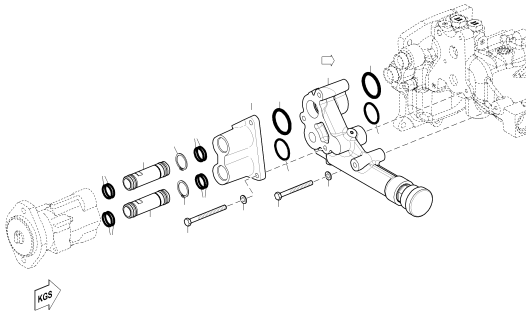
	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	735221029000	O-RING	1	PC	1.000 g	29,6 X 2,9 - M33X2	MTN5221

GROUP SEGMENT (FGS)

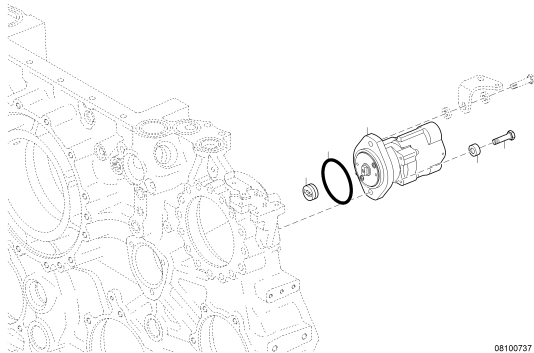
GROUP NAME

BOM-No.

05  
**FUEL LINE FOR LOW-PRESS. SYST**  
XS547080.00149



05  
**FUEL PUMP**  
XS547080.00156

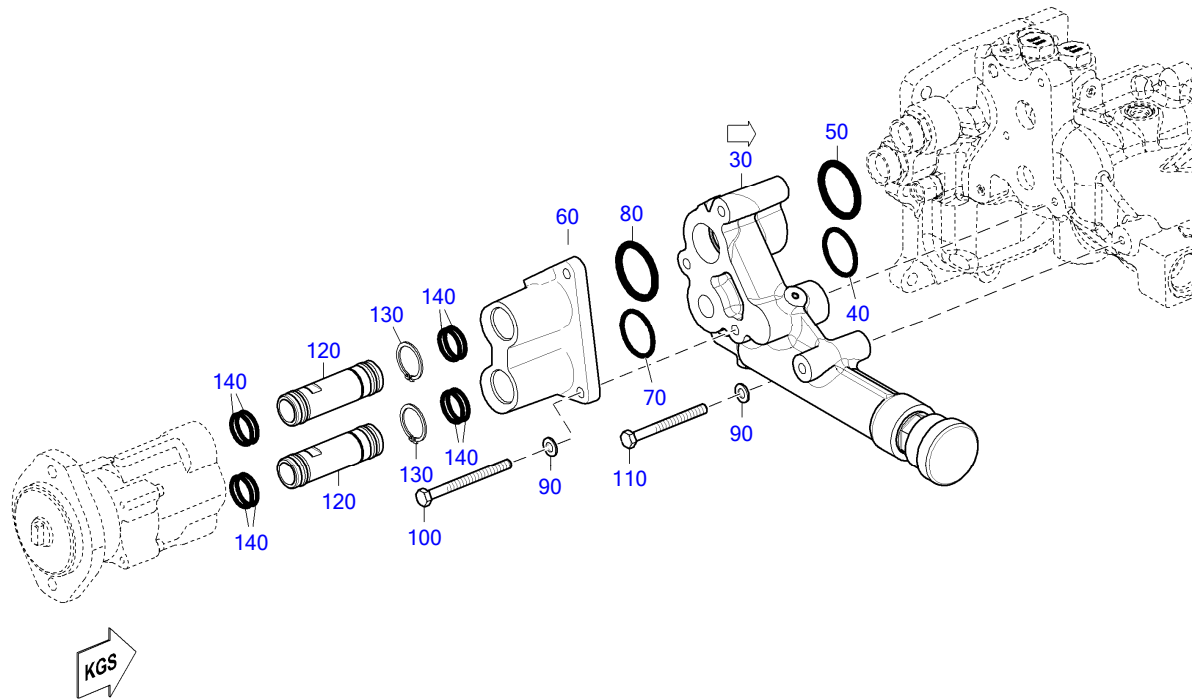


EQUI TYPE: Engine

PRODUCT TYPE: 12V4000C65  
FUEL LINE FOR LOW-PRESS. SYST

SERIAL NUMBER: 5472000318

FG/FGS: 082 05  
BOM-No.: XS547080.00149



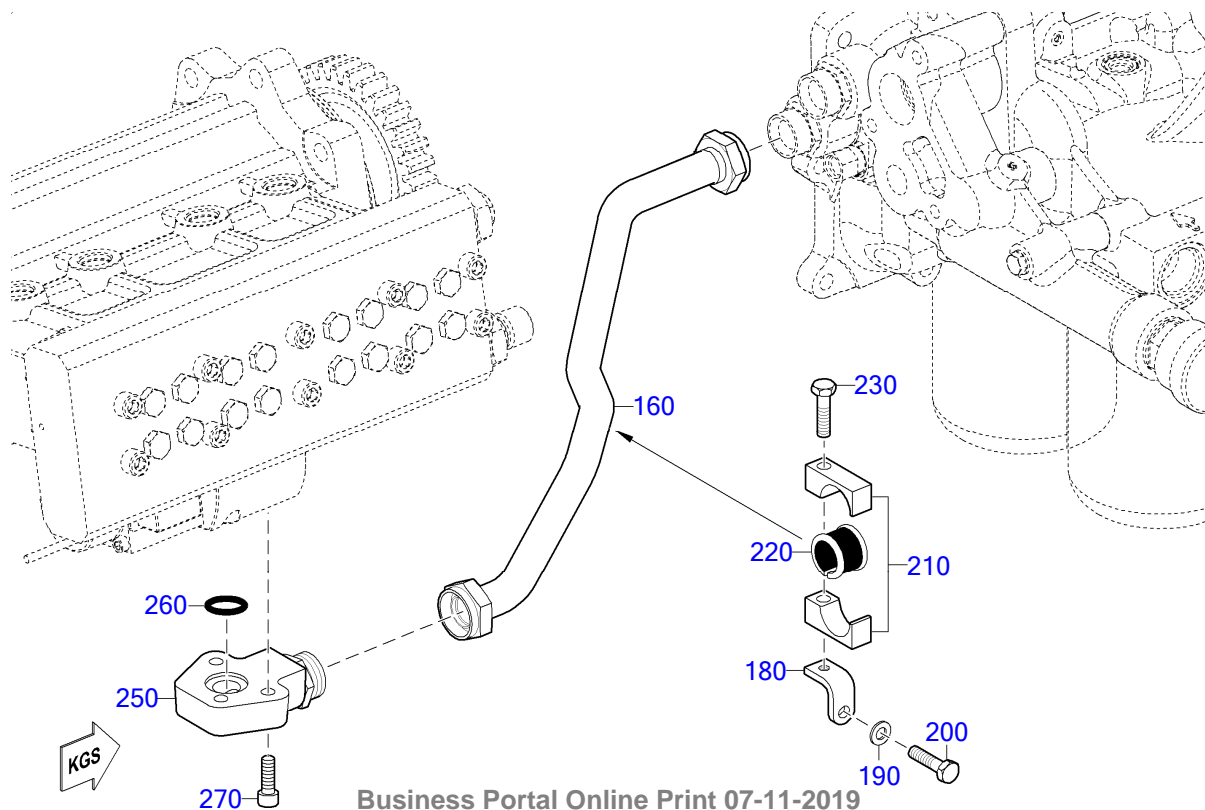
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EQUI TYPE: Engine

PRODUCT TYPE: 12V4000C65  
FUEL LINE FOR LOW-PRESS. SYST

SERIAL NUMBER: 5472000318

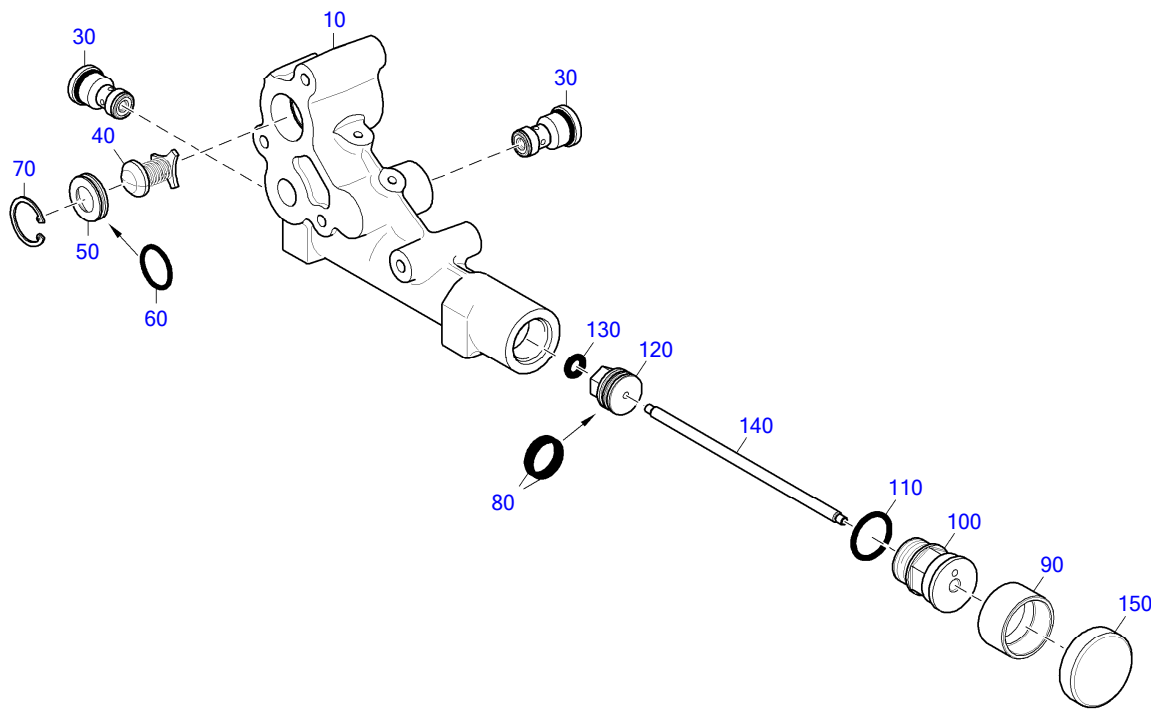
FG/FGS: 082 05  
BOM-No.: XS547080.00149



Business Portal Online Print 07-11-2019

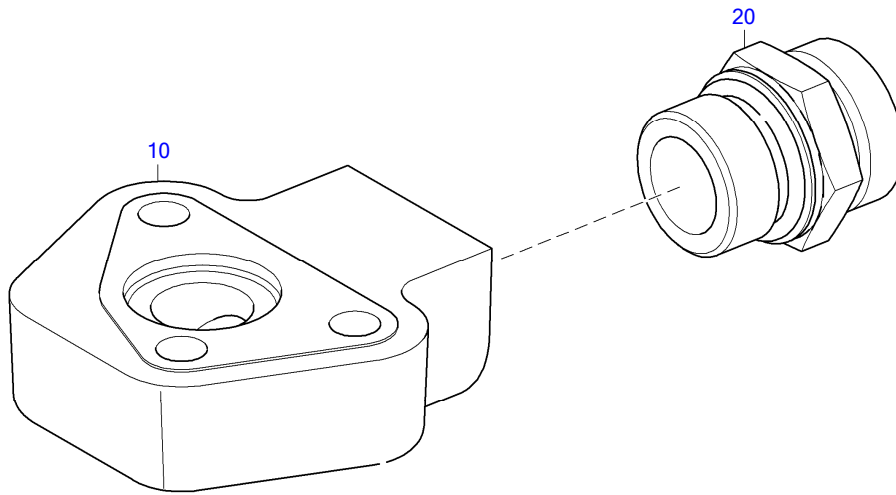
TD0000022325\_082

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
91	30	X54708100015	FUEL HAND PUMP		1	PC	6.211 kg			
	40	700429037002	O-RING		1	PC	1.900 g		37 X 3	MMN429
	50	700429042000	O-RING		1	PC	6.200 g		42 X 5	MMN429
	60	X59508200019	FLANGE		1	PC	1.800 kg	EM		
	70	700429037002	O-RING		1	PC	1.900 g		37 X 3	MMN429
	80	700429042000	O-RING		1	PC	6.200 g		42 X 5	MMN429
	90	000125008427	WASHER		4	PC	1.500 g		A 8,4	DIN125
	100	00000003496	HEX SCREW		3	PC	38.200 g		M 8 X 90	ISO4014
	110	304014008032	HEX SCREW		1	PC	34.100 g		M 8 X 80	ISO4014
	120	X54899100017	PLUG-IN PIPE FOR FUEL		2	PC	176.600 g			
	130	000471028000	SNAP RING		2	PC	2.600 g		28 X 1,5	DIN471
	140	700429024001	O-RING		8	PC	0.800 g		24 X 2,5	MMN429
	160	X59508400004	FUEL LINE		1	PC	596.700 g	SB EM		
	180	X59399100023	BRACKET	JA	1	PC	81.300 g			
	190	007349008002	WASHER		1	PC	7.900 g		8,4	DIN7349
	200	304017008081	HEX SCREW		1	PC	13.400 g		M 8 X 25	ISO4017
	210	700325028100	CLAMP HALF TUBE 1/1 D9-28		2	PC	55.000 g		1/1 D 9 - 28	MMN325
	220	700327022000	GROMMET		1	PC	9.000 g		22	MMN327
	230	304017008086	HEX SCREW		1	PC	19.400 g		M 8 X 45	ISO4017
92	250	X54708400018	CONNECTING PIECE FOR HP PUMP		1	PC	0.692 kg			
	260	700429020003	O-RING		1	PC	2.100 g		20 X 4	MMN429
	270	000912008014	SOCKET HD. S		3	PC	14.300 g		M 8 X 25	DIN912



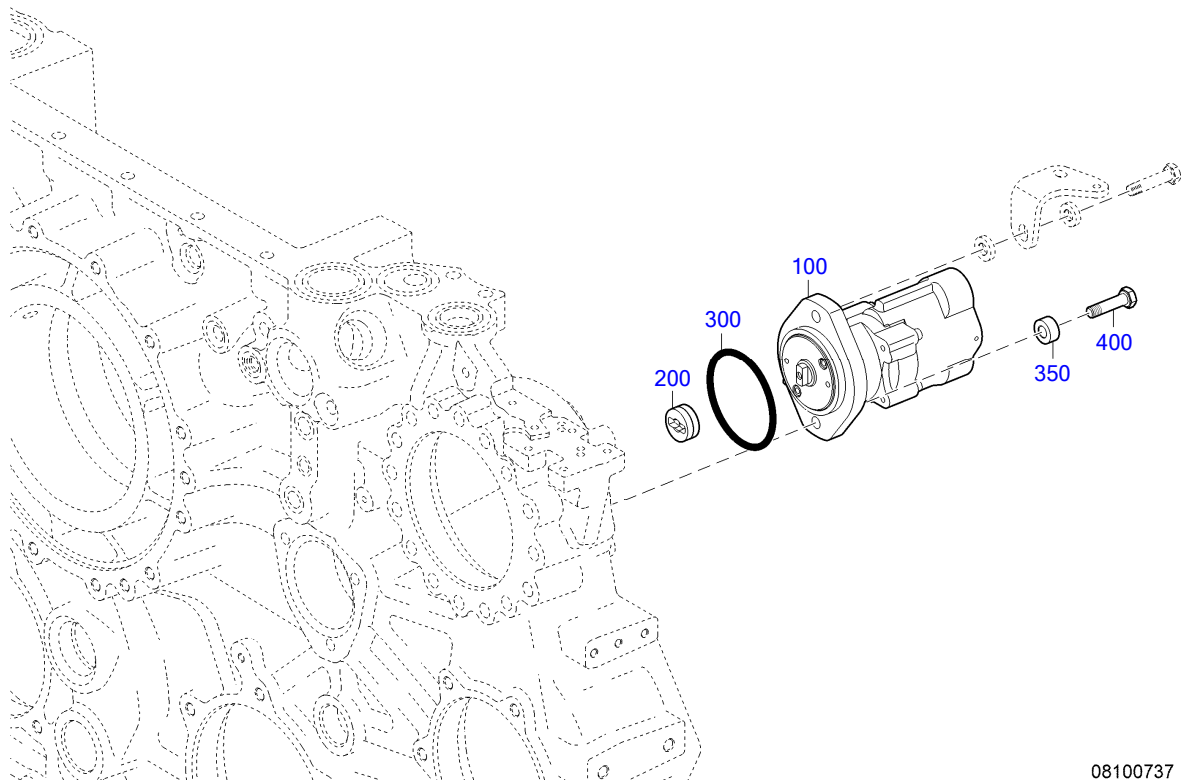
08200253

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	X54708100014	FUEL PRIMING PUMP	1	PC	5.096 kg		
	30	X54799100241	VALVE FOR HAND PUMP	2	PC	93.700 g		
	40	X54999100035	NON-RETURN VALVE	1	PC	49.800 g		
	50	X59408300003	VALVE SEAT	1	PC	18.200 g		
	60	700429028000	O-RING	1	PC	1.000 g	28 X 2,5	MMN429
	70	000472035000	SNAP RING	1	PC	2.900 g	35 X 1,5	DIN472
	80	700429025001	O-RING	2	PC	0.900 g	25 X 2,5	MMN429
	90	X54708100035	SLEEVE	1	PC	40.000 g		
	100	X54708100037	SEAL PLUG	1	PC	0.999 g		
	110	700429030003	O-RING	1	PC	1.700 g	30 X 3	MMN429
	120	X54708100039	PISTON	1	PC	0.100 kg		
	130	700429010001	O-RING	1	PC	1.200 g	10 X 4	MMN429
	140	X54708100038	PISTON ROD	1	PC	61.000 g		
	150	X54708100036	HANDLE	1	PC	58.000 g		



TD0000011979\_084

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	X54799101123	CONNECTING PIECE FOR HP PUMP	1	PC	0.600 kg		
	20	735211022000	UNION THD O-RING	1	PC	0.092 kg	22M 27 X 2	MTN5211



08100737

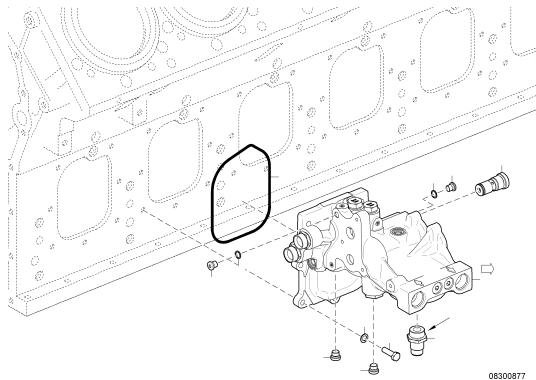
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	100	<b>X52808100008</b>	FUEL DELIVERY PUMP	1	PC	4.900 kg	EM		
	200	<b>X52408100007</b>	LINK	1	PC	54.000 g			
	300	<b>700429083000</b>	O-RING	1	PC	11.700 g		83 X 5	MMN429
	350	<b>735151010200</b>	SPACER S2000/4000	1	PC	22.100 g		B 10,5	MTN5151
	400	<b>304017010036</b>	HEX SCREW	1	PC	30.000 g		M 10 X 40	ISO4017

FUEL FILTER

GROUP SEGMENT (FGS)

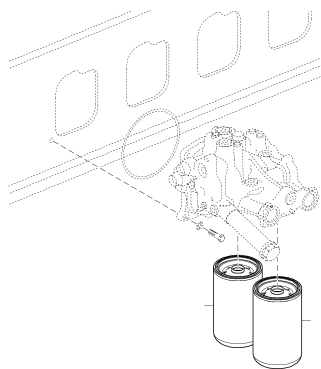
GROUP NAME

BOM-No.



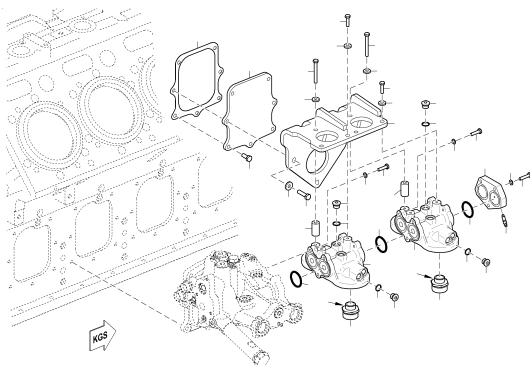
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**FUEL FILTER HEAD**  
XS547080.00054

08300877



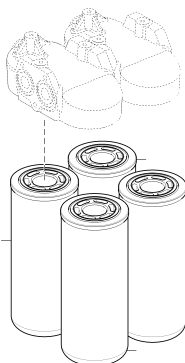
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**EASY-CHANGE FILTER**  
XS547080.00110

08301196



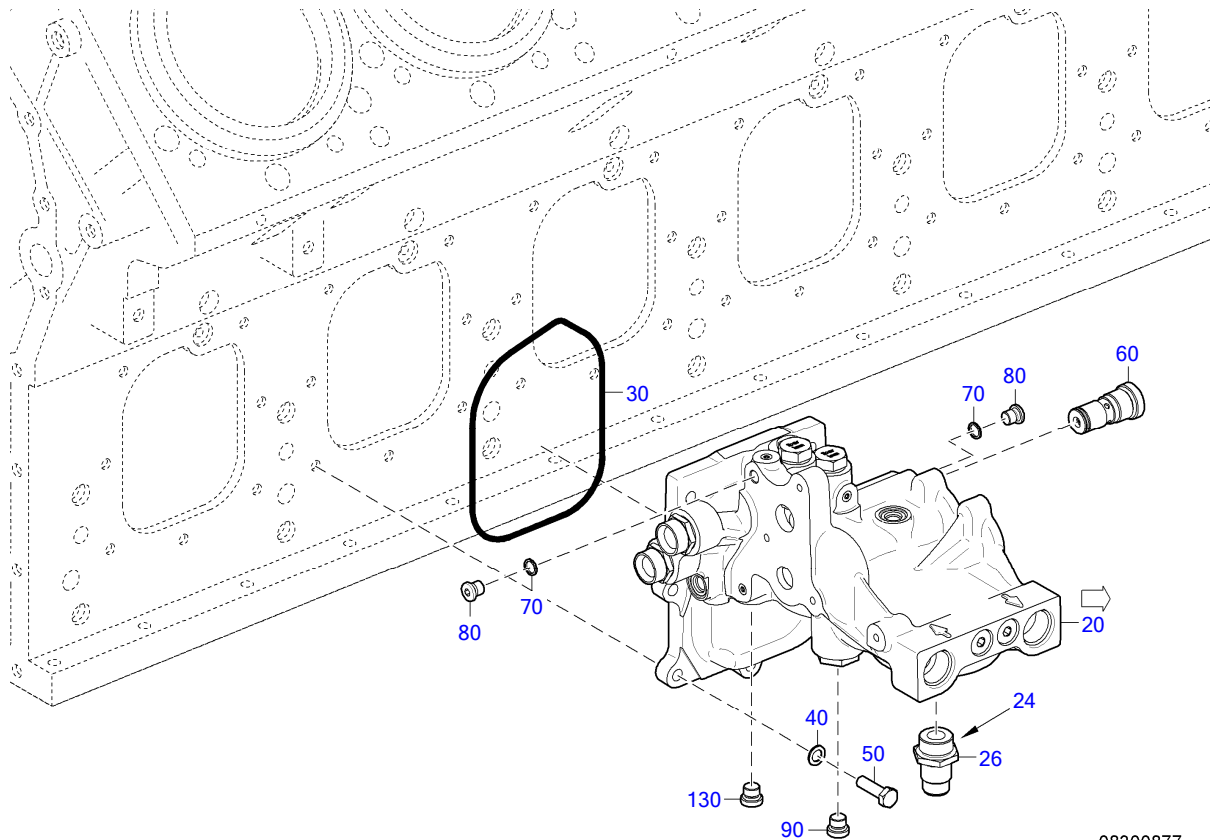
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**FUEL FILTER HEAD F.ADDIT.FUEL FILTER**  
XS548080.00021

08300872



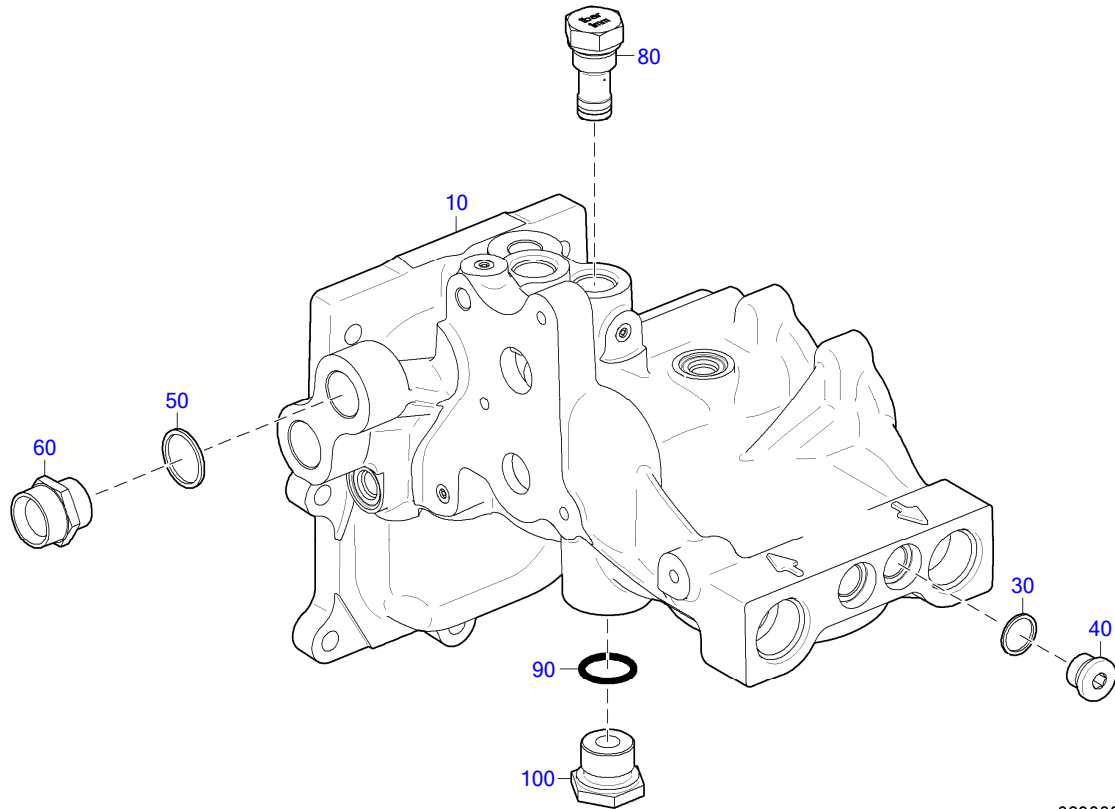
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**ADDIT. FUEL FILTER**  
XS548080.00024

08300731



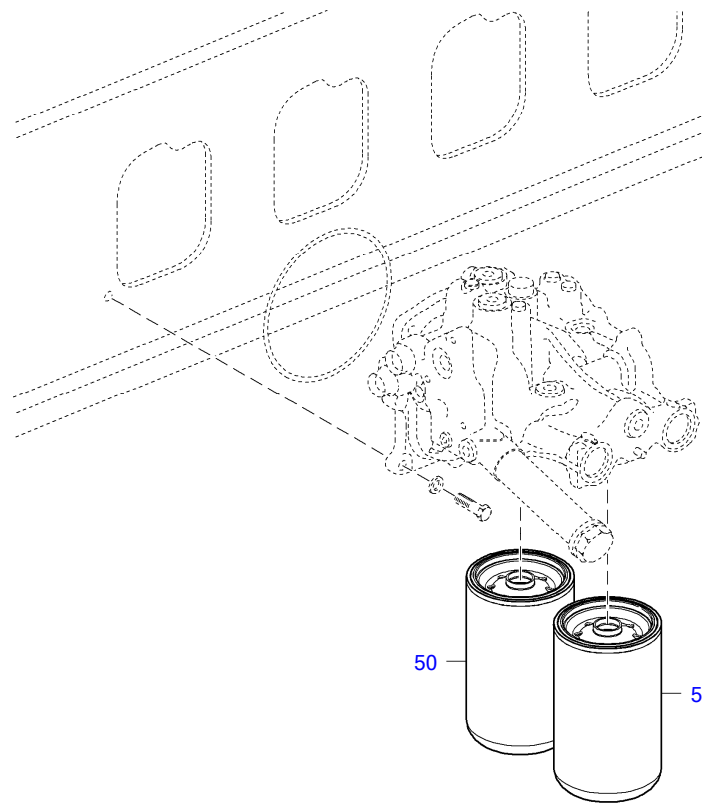
08300877

□	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
96	20	X54708300022	FUEL FILTER HEAD		1	PC	21.609 kg		
	24	40033	SEALANT PIPE THREAD LOCTITE 586	HENKEL LOCTITE 586	1	PC	80.000 g	1 KAR = 12 ST À 50 ML	MMN377B
	26	X54799100999	SCREW-FITTING UNION		2	PC	169.000 g	M30X1,5 / 1 1/16-16 UN-2A	
	30	700429180000	O-RING		1	PC	17.000 g	180 X 4	MMN429
	40	200433010500	WASHER		7	PC	1.900 g	10,5	DIN433
	50	204017010017	HEX SCREW		7	PC	27.500 g	M 10 X 35	ISO4017
	60	X54799100678	VALVE		1	PC	1.000 kg		
	70	007603012108	SEALING RING		2	PC	0.500 g	A 12 X 15,5	DIN7603
	80	000908012003	THREAD PLUG		2	PC	11.900 g	M 12 X 1,5	DIN908
38	90	735210014000	THREAD PLUG		1	PC	0.019 kg	M 14 X 1,5	MTN5210
38	130	735210014000	THREAD PLUG		1	PC	0.019 kg	M 14 X 1,5	MTN5210



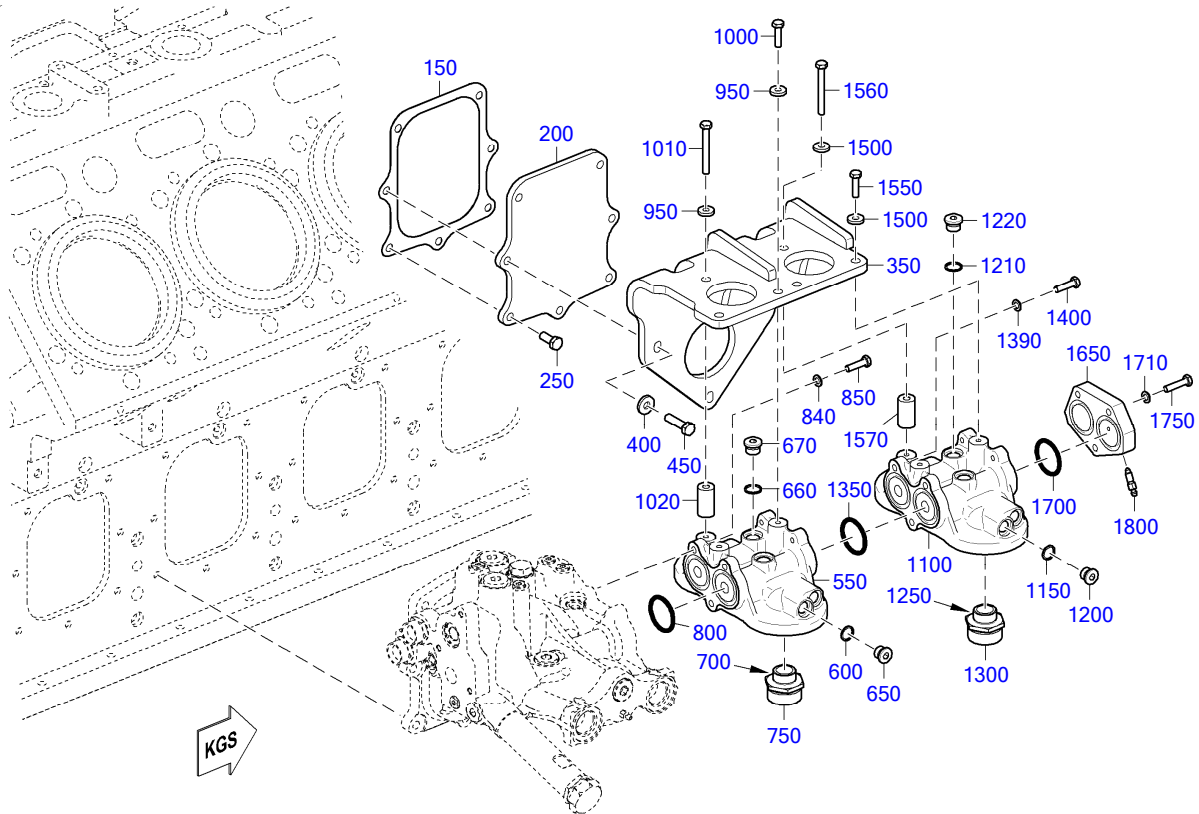
08300873

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	X54708300021	FUEL FILTER HEAD	1	PC	21.936 kg		
	30	007603018101	COPPER SEALING RING	3	PC	1.300 g	A 18 X 22	DIN7603
	40	000908018002	PLUG	3	PC	0.029 kg	M 18 X 1,5	DIN908
	50	007603026104	COPPER SEALING RING	2	PC	3.100 g	A 26 X 31	DIN7603
	60	915013020002	SCREW NECK	2	PC	66.700 g	20 (M30X1,5/M26X1,5)	N15013
	80	X54799100406	VALVE WITH BAFFLE	2	PC	0.128 kg	M22X1.5 1BAR 1MM BLENDE	
	90	735221023000	O-RING	1	PC	1.000 g	23,6 X 2,9 - M27X2	MTN5221
	100	X54799101012	THREADED BUSHING	1	PC	106.100 g		



08301196

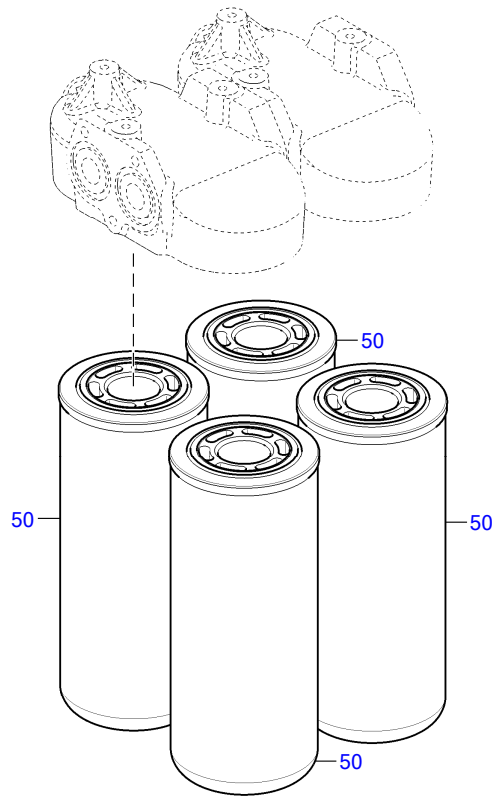
☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT
	50	<b>X59408300082</b>	EASY-CHANGE FILTER	4MM>=99,96% (G1+F2-200)	2	PC	1.370 kg



08300872

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	150	5240111380	GASKET		1	PC	25.000 g		
	200	5240110732	COVER CYL BLOCK ACCE SS PORT		1	PC	2.800 kg		
	250	000000003021	HEX SCREW		2	PC	22.800 g	M 10 X 25	ISO4017
	350	X54808300023	RETAINER F.ADDIT.FUEL FILTER		1	PC	7.973 kg		
	400	007349010002	WASHER		5	PC	11.000 g	10,5	DIN7349
	450	000000001039	HEX SCREW		5	PC	29.800 g	M 10 X 40	ISO4017
	550	X54808300021	ADDIT. FUEL FILTER		1	PC	6.355 kg		
	600	007603016105	COPPER SEALING RING		2	PC	3.000 g	A 16 X 20	DIN7603
	650	000908016001	THREADED PLUG		2	PC	0.020 kg	M 16 X 1,5	DIN908
	660	007603018101	COPPER SEALING RING		2	PC	1.300 g	A 18 X 22	DIN7603
	670	000908018002	PLUG		2	PC	0.029 kg	M 18 X 1,5	DIN908
	700	40033	SEALANT PIPE THREAD LOCTITE 586 HENKEL LOCTITE 586		1	PC	80.000 g	1 KAR = 12 ST À 50 ML	MMN377B
	750	X54799100089	SCREW-FITTING UNION		2	PC	207.000 g		
	800	700429042002	O-RING		2	PC	3.800 g	42 X 4	MMN429
	840	200433008400	WASHER		3	PC	1.500 g	8,4	DIN433
	850	304017008082	HEX SCREW		3	PC	14.900 g	M 8 X 30	ISO4017
	950	007349008002	WASHER		3	PC	7.900 g	8,4	DIN7349
	1000	304017008082	HEX SCREW		2	PC	14.900 g	M 8 X 30	ISO4017
	1010	204014008000	HEX SCREW		1	PC	29.800 g	M 8 X 70	ISO4014
	1020	X56999100506	SPACER SLEEVE		1	PC	0.096 kg		
	1100	X54808300021	ADDIT. FUEL FILTER		1	PC	6.355 kg		
	1150	007603016105	COPPER SEALING RING		2	PC	3.000 g	A 16 X 20	DIN7603
	1200	000908016001	THREADED PLUG		2	PC	0.020 kg	M 16 X 1,5	DIN908
	1210	007603018101	COPPER SEALING RING		2	PC	1.300 g	A 18 X 22	DIN7603
	1220	000908018002	PLUG		2	PC	0.029 kg	M 18 X 1,5	DIN908

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	1250	40033	SEALANT PIPE THREAD LOCTITE 586	HENKEL LOCTITE 586	1	PC	80.000 g	1 KAR = 12 ST À 50 ML	MMN377B
	1300	X54799100089	SCREW-FITTING UNION		2	PC	207.000 g		
	1350	700429042002	O-RING		2	PC	3.800 g	42 X 4	MMN429
	1390	200433008400	WASHER		3	PC	1.500 g	8,4	DIN433
	1400	304017008082	HEX SCREW		3	PC	14.900 g	M 8 X 30	ISO4017
	1500	007349008002	WASHER		3	PC	7.900 g	8,4	DIN7349
	1550	304017008082	HEX SCREW		2	PC	14.900 g	M 8 X 30	ISO4017
	1560	204014008000	HEX SCREW		1	PC	29.800 g	M 8 X 70	ISO4014
	1570	X56999100506	SPACER SLEEVE		1	PC	0.096 kg		
	1650	X54808300024	BLANKING PLATE		1	PC	1174.900 g		
	1700	700429042002	O-RING		2	PC	3.800 g	42 X 4	MMN429
	1710	200433008400	WASHER		3	PC	1.500 g	8,4	DIN433
	1750	204017008017	HEX SCREW		3	PC	16.400 g	M 8 X 35	ISO4017
	1800	0004204655	VENT VALVE		1	PC	11.000 g		



08300731

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT
	50	<b>X59408300081</b>	EASY-CHANGE FILTER	4µm>=99,95% (G1)	4	PC	2.150 kg

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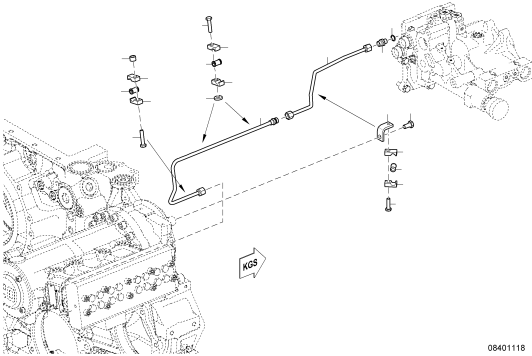
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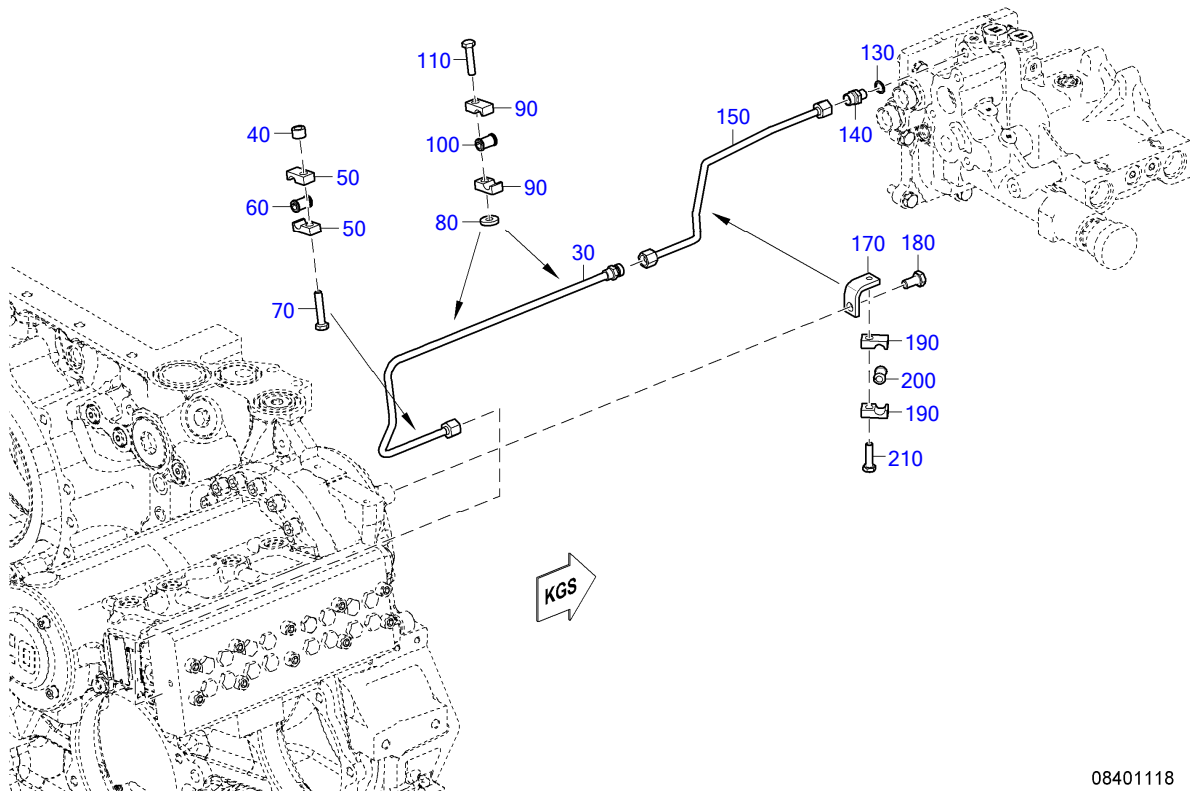
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10  
**FUEL RETURN LINE FOR HP PUMP**  
XS547080.00151



08401118



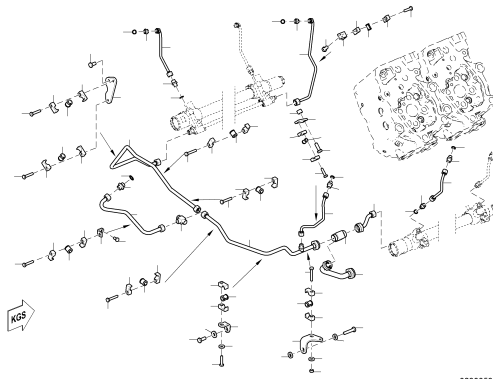
08401118

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	30	X54708600024	FUEL LINE	1	PC	129.000 g		
	40	5901750251	SPACER	1	PC	8.800 g		
	50	700325012100	CLAMP HALF TUBE 1/1 D9-12	2	PC	25.000 g	1/1 D 9 - 12	MMN325
	60	700327008000	GROMMET	1	PC	1.700 g	8	MMN327
	70	304017008085	HEX SCREW	1	PC	18.000 g	M 8 X 40	ISO4017
	80	007349008002	WASHER	2	PC	7.900 g	8,4	DIN7349
	90	700325012100	CLAMP HALF TUBE 1/1 D9-12	4	PC	25.000 g	1/1 D 9 - 12	MMN325
	100	700327008000	GROMMET	2	PC	1.700 g	8	MMN327
	110	304017008084	HEX SCREW	2	PC	16.400 g	M 8 X 35	ISO4017
	130	007603012102	WASHER A COP	1	PC	0.800 g	A 12 X 16	DIN7603
	140	915013006002	UNION	1	PC	19.600 g	6	N15013
	150	X54708600023	FUEL LINE	1	PC	0.126 kg		
	170	5551870640	BRACKET L H:51 S2000 /4000	1	PC	54.900 g		
	180	000000003020	HEX SCREW	1	PC	20.000 g	M 10 X 20	ISO4017
	190	700325012100	CLAMP HALF TUBE 1/1 D9-12	2	PC	25.000 g	1/1 D 9 - 12	MMN325
	200	700327008000	GROMMET	1	PC	1.700 g	8	MMN327
	210	304017008083	HEX SCREW	1	PC	15.100 g	M 8 X 30	ISO4017

GROUP SEGMENT (FGS)

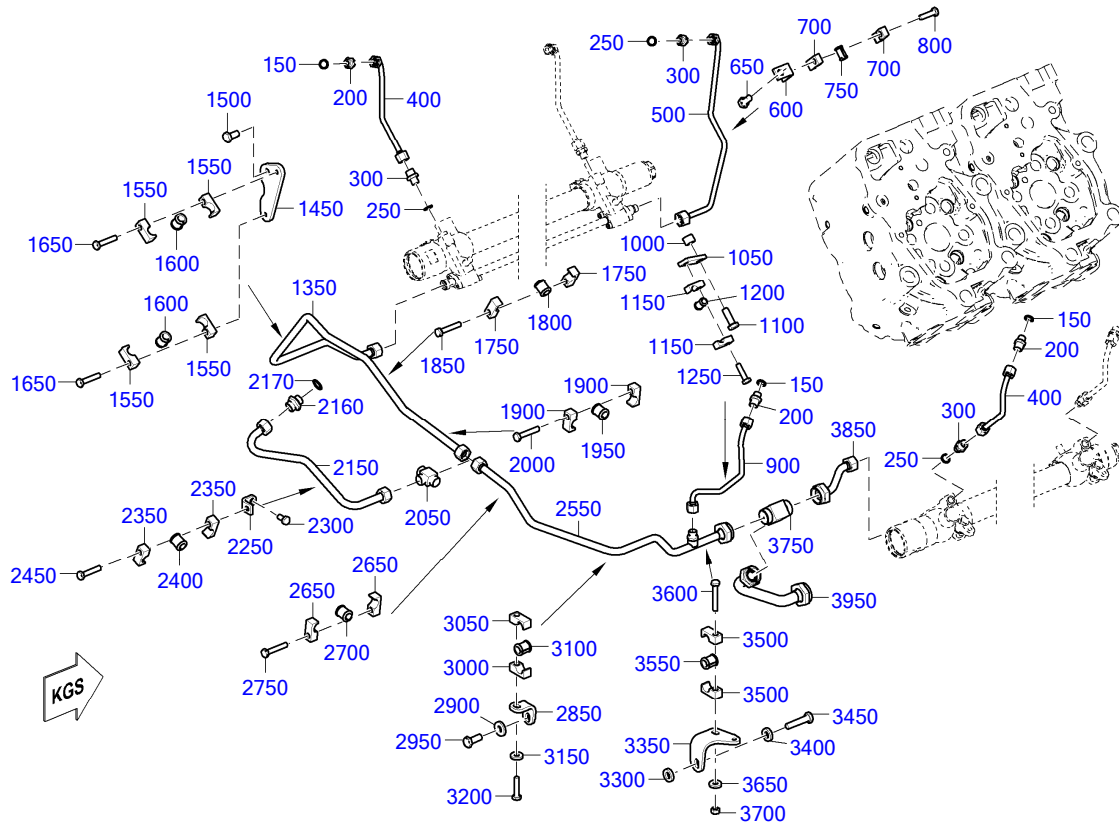
GROUP NAME

BOM-No.



05  
FUEL RETURN  
XS547080.00034

08600563

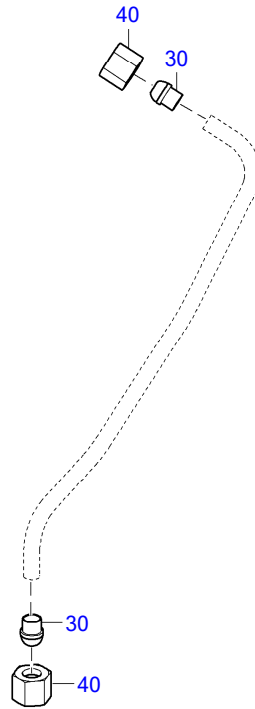


08600563

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	150	007603012108	SEALING RING	10	PC	0.500 g		A 12 X 15,5	DIN7603
	200	207647008001	UNION	10	PC	0.020 kg		A 8	DIN7647
	250	007603012108	SEALING RING	12	PC	0.500 g		A 12 X 15,5	DIN7603
	300	207647008001	UNION	12	PC	0.020 kg		A 8	DIN7647
106	400	X54708600099	FUEL RETURN LINE	10	PC	0.065 kg			
105	500	X54708600098	FUEL RETURN LINE	1	PC	0.118 kg			
	600	5551870640	BRACKET L H:51 S2000 /4000	1	PC	54.900 g			
	650	000000003020	HEX SCREW	1	PC	20.000 g		M 10 X 20	ISO4017
	700	700325012100	CLAMP HALF TUBE 1/1 D9-12	2	PC	25.000 g		1/1 D 9 - 12	MMN325
	750	700327008000	GROMMET	1	PC	1.700 g		8	MMN327
	800	304017008083	HEX SCREW	1	PC	15.100 g		M 8 X 30	ISO4017
104	900	X54708600097	FUEL RETURN LINE	1	PC	0.082 kg			
	1000	5511531550	SPACER BUSHING	1	PC	16.200 g			
	1050	135M55009/1	STRAP 75 X20	1	PC	62.100 g			
	1100	000000001464	HEX SCREW	1	PC	24.900 g		M 10 X 30	ISO4017
	1150	700325012100	CLAMP HALF TUBE 1/1 D9-12	2	PC	25.000 g		1/1 D 9 - 12	MMN325
	1200	700327008000	GROMMET	1	PC	1.700 g		8	MMN327
	1250	304017008083	HEX SCREW	1	PC	15.100 g		M 8 X 30	ISO4017
	1350	X54708600001	FUEL RETURN LINE	1	PC	291.900 g	SB		
	1450	X54708600006	RETAINER	1	PC	247.600 g			
	1500	000000003020	HEX SCREW	1	PC	20.000 g		M 10 X 20	ISO4017
	1550	700325018100	CLAMP HALF TUBE 1/1 D9-18	4	PC	40.000 g		1/1 D 9 - 18	MMN325
	1600	700327012000	GROMMET	2	PC	4.600 g		12	MMN327
	1650	304017008085	HEX SCREW	2	PC	18.000 g		M 8 X 40	ISO4017
	1750	700325018100	CLAMP HALF TUBE 1/1 D9-18	2	PC	40.000 g		1/1 D 9 - 18	MMN325

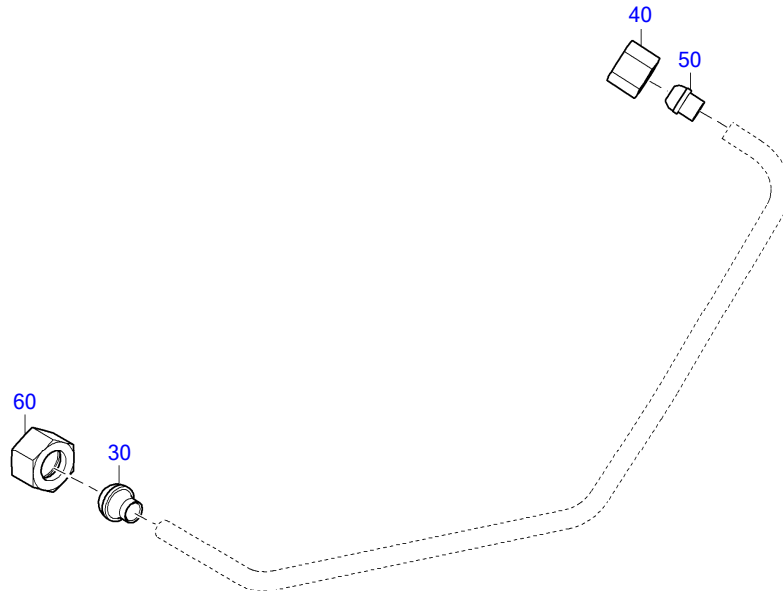
## FUEL RETURN

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	1800	700327012000	GROMMET	1	PC	4.600 g		12	MMN327
	1850	304017008085	HEX SCREW	1	PC	18.000 g		M 8 X 40	ISO4017
	1900	700325018100	CLAMP HALF TUBE 1/1 D9-18	2	PC	40.000 g		1/1 D 9 - 18	MMN325
	1950	700327012000	GROMMET	1	PC	4.600 g		12	MMN327
	2000	304017008085	HEX SCREW	1	PC	18.000 g		M 8 X 40	ISO4017
	2050	5569970774	FITTING TEE	1	PC	75.000 g		DN 10 / M18X1,5	
	2150	X54708600002	FUEL RETURN LINE	1	PC	144.800 g	SB		
	2160	915007010001	CONNECTOR 10/8	1	PC	33.100 g		10 / 8	N15007
	2170	007603016105	COPPER SEALING RING	1	PC	3.000 g		A 16 X 20	DIN7603
	2250	5502030043	BRACKET	1	PC	31.000 g		H023	
	2300	304017008077	HEX SCREW	1	PC	10.500 g		M 8 X 16	ISO4017
	2350	700325018100	CLAMP HALF TUBE 1/1 D9-18	2	PC	40.000 g		1/1 D 9 - 18	MMN325
	2400	700327012000	GROMMET	1	PC	4.600 g		12	MMN327
	2450	304017008084	HEX SCREW	1	PC	16.400 g		M 8 X 35	ISO4017
	2550	X54708600030	FUEL RETURN LINE	1	PC	0.282 kg	SB		
	2650	700325018100	CLAMP HALF TUBE 1/1 D9-18	2	PC	40.000 g		1/1 D 9 - 18	MMN325
	2700	700327012000	GROMMET	1	PC	4.600 g		12	MMN327
	2750	304017008085	HEX SCREW	1	PC	18.000 g		M 8 X 40	ISO4017
	2850	X59408100017	RETAINER FOR FUEL LINE	1	PC	64.900 g			
	2900	007349010002	WASHER	1	PC	11.000 g		10,5	DIN7349
	2950	000000003021	HEX SCREW	1	PC	22.800 g		M 10 X 25	ISO4017
	3000	700325018100	CLAMP HALF TUBE 1/1 D9-18	1	PC	40.000 g		1/1 D 9 - 18	MMN325
	3050	700325018200	CLAMP HALF TUBE 1/1 G8-18	1	PC	40.000 g		1/1 G 8 - 18	MMN325
	3100	700327012000	GROMMET	1	PC	4.600 g		12	MMN327
	3150	007349008002	WASHER	1	PC	7.900 g		8,4	DIN7349
	3200	304017008084	HEX SCREW	1	PC	16.400 g		M 8 X 35	ISO4017
	3300	735151010100	SPACER	1	PC	11.000 g		A 10,5	MTN5151
	3350	X59308600005	BRACKET	1	PC	174.500 g			
	3400	735151010100	SPACER	1	PC	11.000 g		A 10,5	MTN5151
	3450	304017010035	HEX SCREW	1	PC	32.100 g		M 10 X 45	ISO4017
	3500	700325018100	CLAMP HALF TUBE 1/1 D9-18	2	PC	40.000 g		1/1 D 9 - 18	MMN325
	3550	700327012000	GROMMET	1	PC	4.600 g		12	MMN327
	3600	304017008087	HEX SCREW	1	PC	21.300 g		M 8 X 50	ISO4017
	3650	007349008002	WASHER	1	PC	7.900 g		8,4	DIN7349
	3700	304032008014	NUT HEX 8 A3C	1	PC	4.800 g		M 8	ISO4032
	3750	5569970274	FITTING TEE	1	PC	190.000 g		DN 16 / M26X1,5	
	3850	X00040958	TUBE FUEL RETURN 87.391	1	PC	110.000 g	SB		
	3950	X00040966	TUBE FUEL RETURN	1	PC	237.200 g	SB		



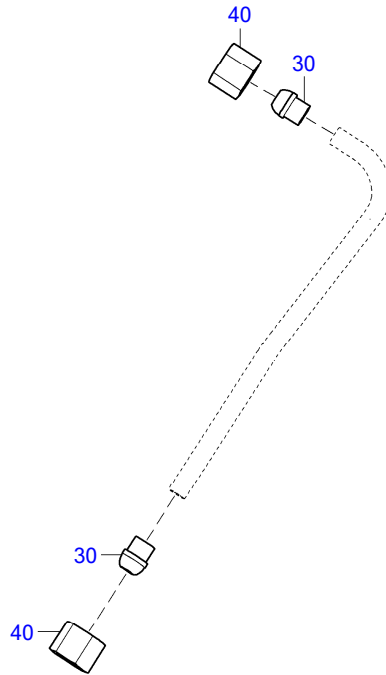
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☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	30	915003006202	UNION BALL B2-8	2	PC	10.800 g	B2 - 8	MBN15003
	40	915001006003	NUT	2	PC	12.500 g	6 M 14 X 1,5	N15001



TD0000015299\_086

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	30	915003006202	UNION BALL B2-8	1	PC	10.800 g	B2 - 8	MBN15003
	40	915001006003	NUT	1	PC	12.500 g	6 M 14 X 1,5	N15001
	50	915004010202	SEALING CONE	1	PC	8.800 g	B2 -12/8	MBN15004
	60	915001010004	NUT	1	PC	20.000 g	10 M 18 X 1,5	N15001



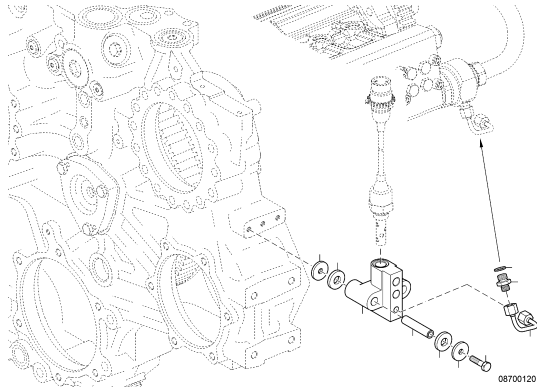
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☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	30	915003006202	UNION BALL B2-8	2	PC	10.800 g	B2 - 8	MBN15003
	40	915001006003	NUT	2	PC	12.500 g	6 M 14 X 1,5	N15001

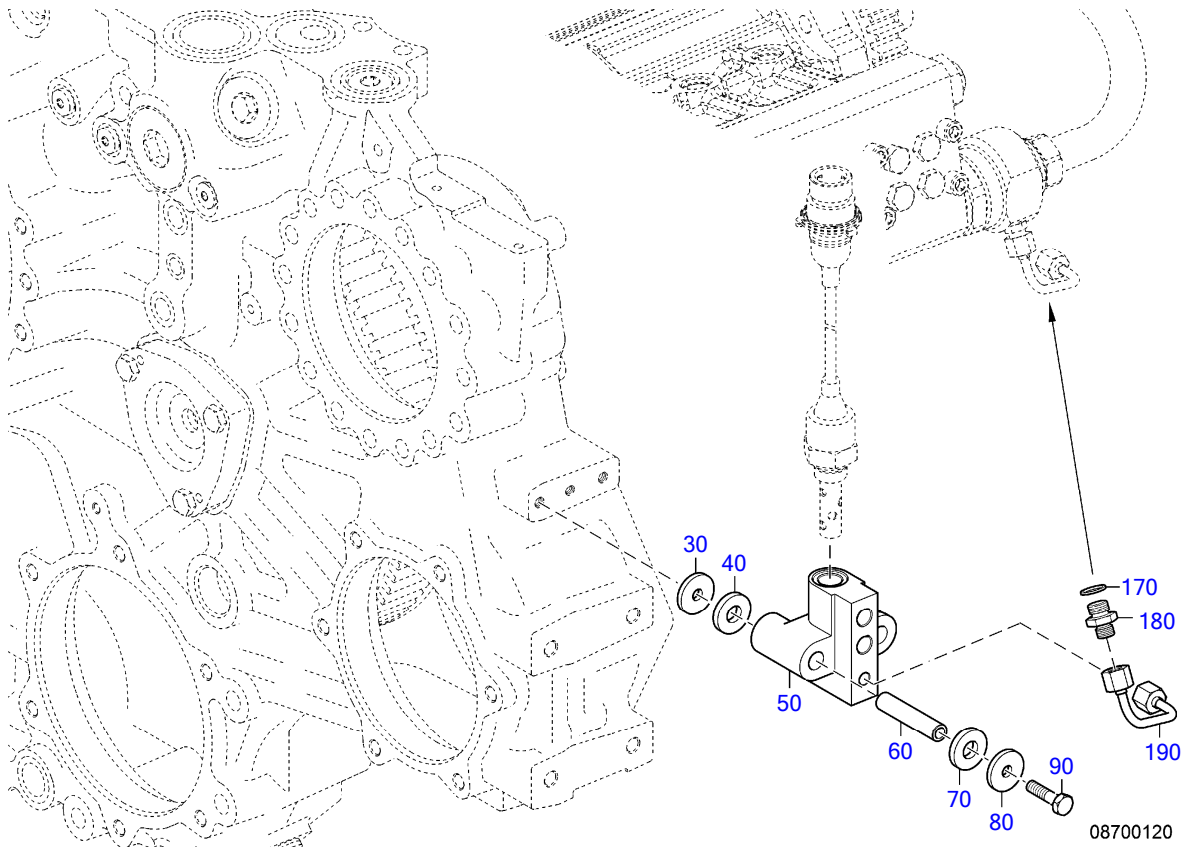
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GROUP NAME

BOM-No.

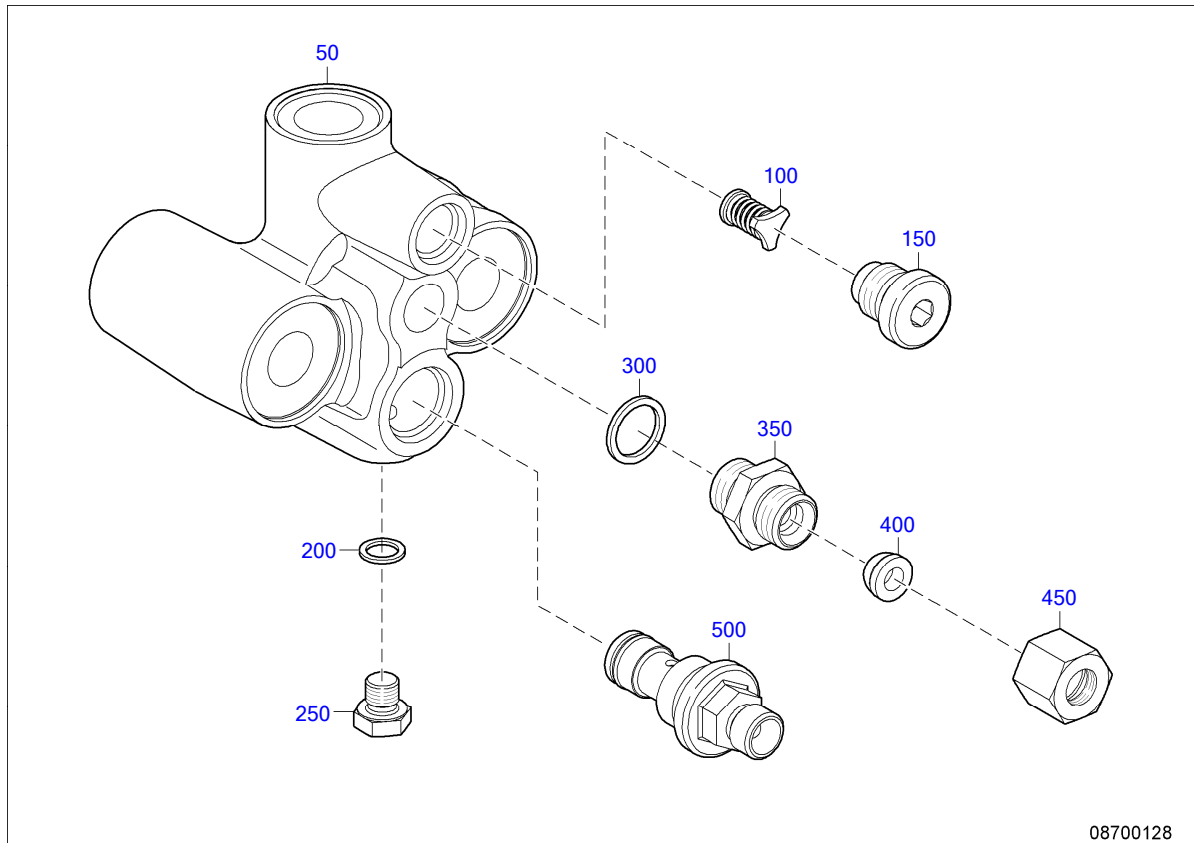


05  
**FUEL LEAK MONITORING**  
XS548080.00035



08700120

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	30	X59399100034	WASHER	2	PC	19.600 g		
	40	X59399100051	DAMPER ELEMENT	2	PC	0.037 g	30X13X5 90SH	
109	50	X54708700014	LEAK SENSOR HOUSING	1	PC	1.282 kg		
	60	X59399100036	SPACER SLEEVE	2	PC	36.400 g	8,5 X 62	
	70	X59399100051	DAMPER ELEMENT	2	PC	0.037 g	30X13X5 90SH	
	80	X59399100034	WASHER	2	PC	19.600 g		
	90	304014008032	HEX SCREW	2	PC	34.100 g	M 8 X 80	ISO4014
	170	007603010110	WASHER A COP	1	PC	0.300 g	A 10 X 13,5	DIN7603
	180	915013004002	UNION	1	PC	14.000 g	4	N15013
	190	X54808700002	FUEL LINE	1	PC	0.055 kg		



☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	50	X54708700013	LEAK SENSOR HOUSING	1	PC	1.070 kg		
	100	X52999100033	VALVE FOR LEAK-OFF FUEL	1	PC	4.000 g	ITL8L 0.2BAR	
	150	X54799100978	PLUG	1	PC	23.000 g		
	200	007603008109	WASHER A COP	2	PC	0.300 g	A 8 X 11,5	DIN7603
	250	007604008200	PLUG	2	PC	0.006 kg	C M 8 X 1	DIN7604
	300	007603014102	COPPER SEALING RING	1	PC	1.000 g	A 14 X 18	DIN7603
	350	915006006002	UNION	1	PC	23.100 g	6	N15006
	400	915005006000	CONE SEALING 8	1	PC	3.100 g	8	MBN15005
	450	915001006003	NUT	1	PC	12.500 g	6 M 14 X 1,5	N15001
	500	X54708600029	VALVE WITH BAFFLE	1	PC	61.000 g	M18X1,5/1BAR/1MM	

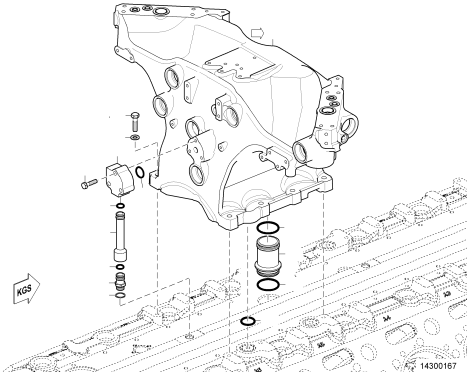
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GROUP SEGMENT (FGS)  
GROUP NAME  
BOM-No.

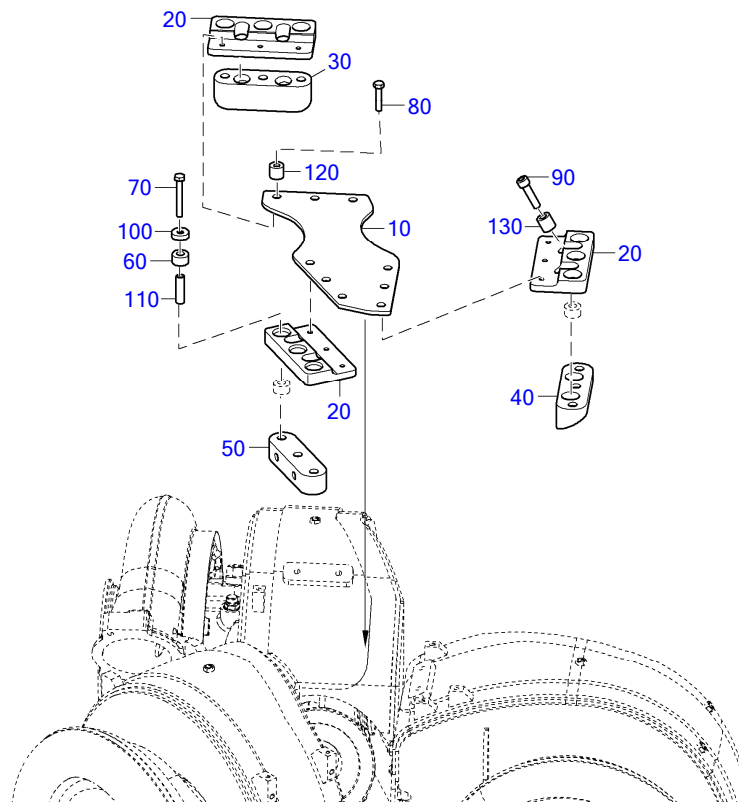
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01  
**EXHAUST TURBOCHARGER**  
XS547100.00115

02  
**ETC CARRIER LOW-PRESSURE**  
XS547100.00002



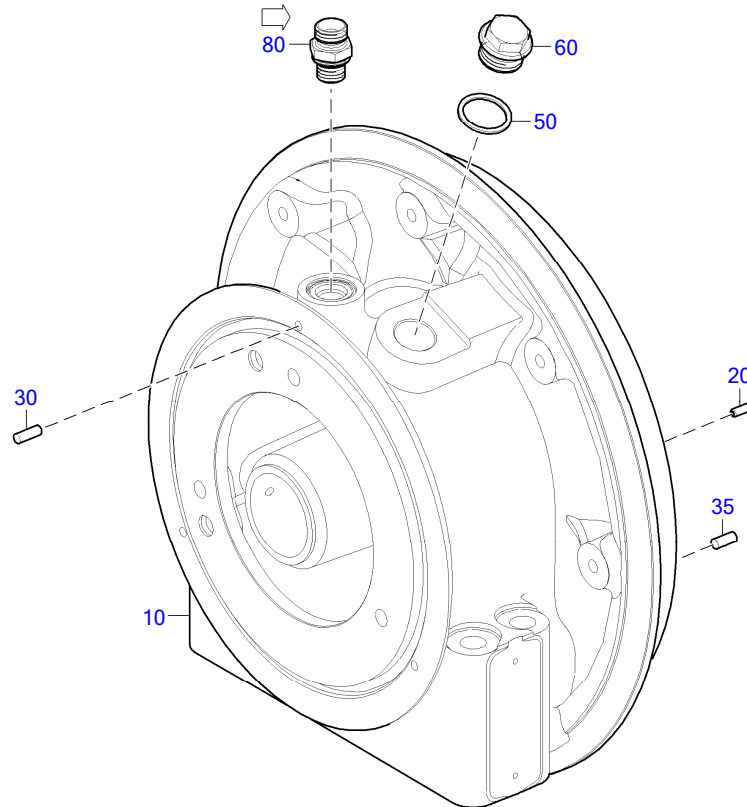
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113	20	<b>XT3610100492</b>	EXHAUST TURBOCHARGER LEFT		1	PC	91.000 kg	EM		
120	30	<b>XT3610100493</b>	EXHAUST TURBOCHARGER MIDDLE	ZR3.205.FB	1	PC	144.500 kg	EM		
121	40	<b>XT3610100494</b>	EXHAUST TURBOCHARGER RIGHT	ZR3.205.FB	1	PC	92.000 kg	EM		
	60	<b>000000002967</b>	HEX SCREW		12	PC	89.400 g		M 12 X105	ISO4017
	70	<b>200433013000</b>	WASHER		12	PC	2.500 g		13	DIN433
	80	<b>700429018004</b>	O-RING		6	PC	3.000 g		18 X 5	MMN429
	90	<b>700429036001</b>	O-RING		3	PC	5.500 g		36 X 5	MMN429
	100	<b>X54710100099</b>	HEAT SHIELD F/TURBOCHARGER		1	PC	22.788 kg			
	110	<b>X54910100128</b>	RETAINER FOR HEAT SHIELD		1	PC	1.500 kg	SB		
	120	<b>X54910100133</b>	HEAT SHIELD F/TURBOCHARGER		1	PC	2.100 kg			
	130	<b>X54910100118</b>	HEAT SHIELD F/TURBOCHARGER		1	PC	20.000 kg	SB		
	140	<b>X54910100108</b>	HEAT SHIELD F/TURBOCHARGER		1	PC	1.890 kg	SB		EN10029
	150	<b>X54710100100</b>	HEAT SHIELD F/TURBOCHARGER		1	PC	27.211 kg			
	160	<b>X54910100134</b>	RETAINER FOR HEAT SHIELD		1	PC	783.000 g			
	170	<b>X54910100131</b>	HEAT SHIELD F/TURBOCHARGER		1	PC	2.100 kg	SB		
	180	<b>304017010038</b>	HEX SCREW		40	PC	24.900 g		M 10 X 30	ISO4017
	190	<b>207989011200</b>	WASHER		44	PC	12.700 g		A 10	DIN7989-2
	200	<b>5249920020</b>	SLEEVE		3	PC	168.100 g			
	210	<b>204017010017</b>	HEX SCREW		4	PC	27.500 g		M 10 X 35	ISO4017
112	220	<b>X54799101433</b>	CONNECTING PIECE FOR HEAT SHIELD		1	PC	10.207 kg			



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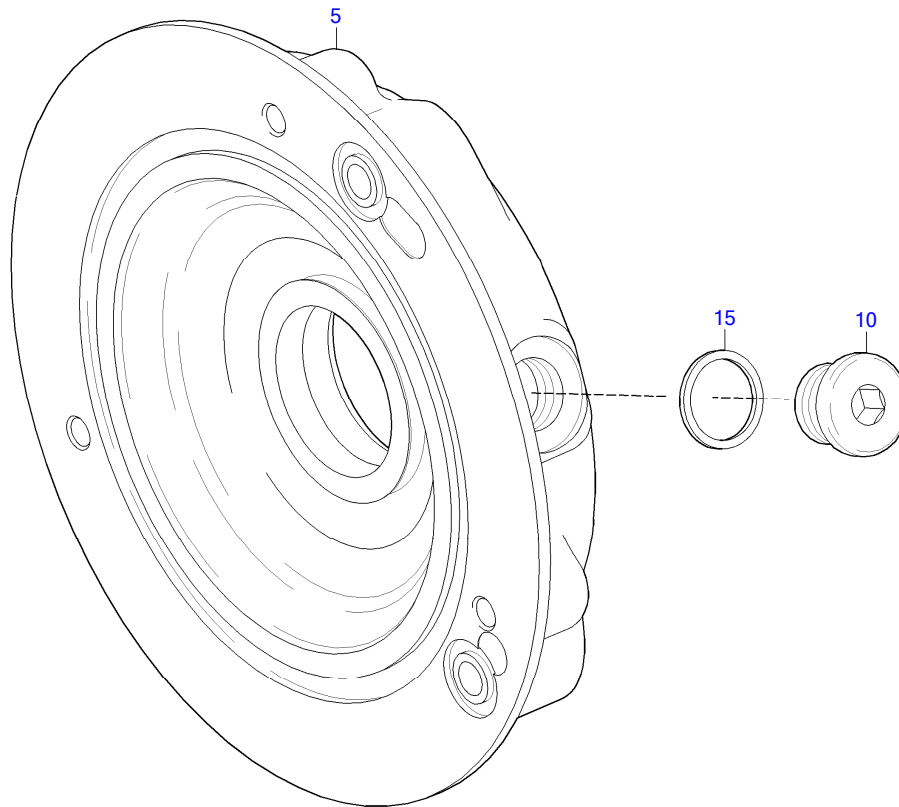
☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	X54899100195	CONNECTING PIECE FOR HEAT SHIELD	1	PC	1.857 kg		
	20	X54899100196	GUIDE RAIL	3	PC	1.067 kg		
	30	X54999100173	RETAINER	1	PC	1.204 kg		
	40	X54999100171	RETAINER	1	PC	1.115 kg		
	50	X54999100172	RETAINER	1	PC	995.000 g		
	60	X59499100034	RUBBER MOUNT	18	PC	7.500 g		
	70	304017008089	HEX SCREW	9	PC	24.200 g	M 8 X 60	ISO4017
	80	304017008085	HEX SCREW	9	PC	18.000 g	M 8 X 40	ISO4017
	90	000912010064	BOLT HEX SOC HD	6	PC	31.600 g	M 10 X 40	DIN912
	100	X59399100022	WASHER	9	PC	21.400 g		
	110	X59402800013	SPACER SLEEVE	9	PC	20.000 g		
	120	X54999100175	SPACER SLEEVE	9	PC	37.000 g		
	130	X89430900001	SPACER SLEEVE	6	PC	35.000 g		

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
114	10	<b>XT3610100175</b>	BEARING HOUSING F/TURBOCHARGER		1	PC	20.500 kg			
	20	<b>XT3610100023</b>	HEAT SHIELD		1	PC	1.938 kg			
	40	<b>700429126001</b>	O-RING		1	PC	11.000 g		126 X 4	MMN429
	50	<b>X52810100137</b>	O-RING	KALREZ SPECTRUM 7075	2	PC	0.400 g		13,7X2,26	
	60	<b>000931008257</b>	HEX SCREW		3	PC	47.600 g		M 8 X115	DIN931
	80	<b>X59610100254</b>	BEARING BODY		1	PC	388.000 g			
	90	<b>700429038002</b>	O-RING		1	PC	0.800 g		38 X 2	MMN429
	100	<b>5119940041</b>	RING SNAP		2	PC	2.800 g		34 X 1,5	DIN472
	110	<b>X59599100058</b>	WASHER		2	PC	7.700 g			
	120	<b>X00016599</b>	BEARING BUSHING		2	PC	67.700 g			
	130	<b>X59510100036</b>	TURBINE WHEEL	180/23/153/83,9CM HOCH 2	1	PC	5.180 kg	SB EM		
	140	<b>XT3510100044</b>	PISTON RING F/TURBOCHARGER		1	PC	0.006 kg			
115	150	<b>X52810100111</b>	HOUSING COVER		1	PC	2.800 kg			
	160	<b>5110251976</b>	WASHER	ZR205	1	PC	67.700 g			
	170	<b>X00010427</b>	WASHER		1	PC	45.700 g			
116	180	<b>XT3610100048</b>	THRUST BEARING	SYNCRÖHNRING, SYNTEC	1	PC	349.400 g			
	190	<b>X00010428</b>	WASHER		1	PC	56.400 g			
	210	<b>X59610100237</b>	RETAINING RING		1	PC	1.220 kg			
	220	<b>700429105001</b>	O-RING		1	PC	7.100 g		105 X 3,5	MMN429
	230	<b>000912006028</b>	SCREW		3	PC	7.800 g		M 6 X 30	DIN912
	240	<b>200433006400</b>	WASHER		3	PC	0.600 g		6,4	DIN433
	250	<b>X00010426</b>	RING CARRIER		1	PC	18.100 g			
	260	<b>5100850060</b>	RING SEAL		2	PC	1.800 g			
	270	<b>X00041766</b>	COMPRESSOR WHEEL	12V4000 -03	1	PC	2.900 kg	EM	130/11,2/205	
	280	<b>X00018161</b>	NUT		1	PC	78.700 g		M16X1.5 LH	
	300	<b>XT3669600001</b>	CLAMP		1	PC	2.900 kg			
	310	<b>700429300000</b>	O-RING		1	PC	39.900 g		300 X 5	MMN429
118	320	<b>XT3610100414</b>	COMPRESSOR HOUSING	ZR3.C	1	PC	31.607 kg	EM		
119	330	<b>X54710100056</b>	TURBINE HOUSING W/INSULATION	A/R=3,0CM	1	PC	20.700 kg	EM		
	340	<b>X52810100092</b>	V-BAND CLAMP	ZR205	1	PC	1.133 kg			
	360	<b>700425000235</b>	PLATE F/TURBOCHARGER		2	PC	3.000 g		39.1	MMN425
	370	<b>215977003000</b>	BLIND RIVET		4	PC	1.000 g		3X8	ISO15977



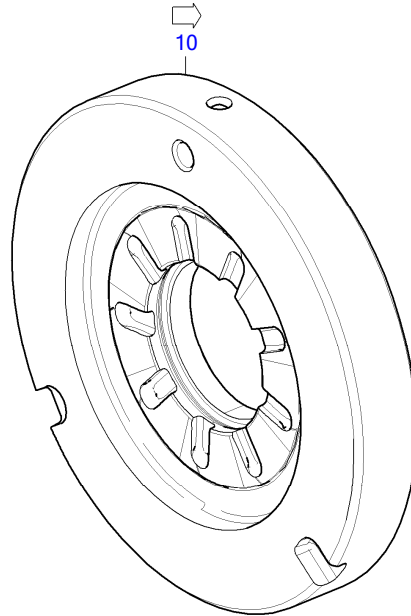
10102200

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	<b>XT3610100174</b>	BEARING HOUSING F/TURBOCHARGER	T36	1	PC	19.941 kg		
	20	<b>001481004000</b>	PIN SPRING		2	PC	0.600 g	4 X 10 - N	ISO8752
	30	<b>000007005106</b>	DOWEL PIN		3	PC	2.000 g	5 M6 X 14	DIN7
	35	<b>000007006107</b>	DOWEL PIN		3	PC	2.400 g	6 M6 X 10	DIN7
	50	<b>007603022103</b>	SEALING RING		1	PC	1.800 g	A 22 X 27	DIN7603
	60	<b>007604022200</b>	PLUG		1	PC	44.500 g	C M 22 X 1,5	DIN7604
30	80	<b>735211010000</b>	UNION		1	PC	0.029 kg	10M 14 X 1,5	MTN5211




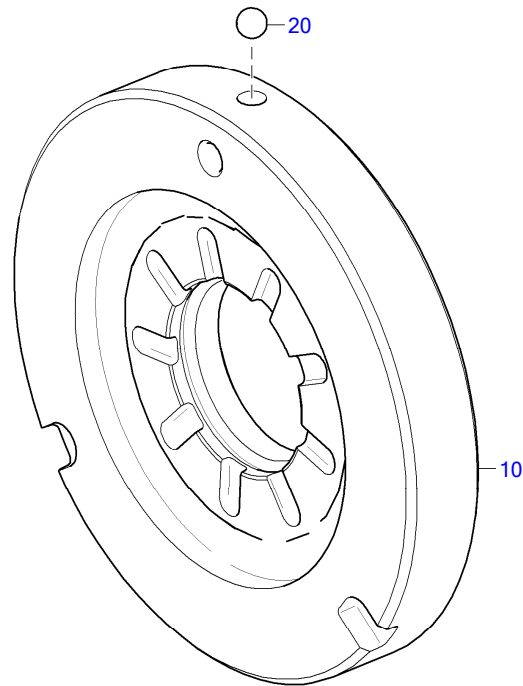
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☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	5	<b>X52810100122</b>	HOUSING COVER	1	PC	2.582 kg		
	10	<b>000908018002</b>	PLUG	5	PC	0.029 kg	M 18 X 1,5	DIN908
	15	<b>007603018101</b>	COPPER SEALING RING	5	PC	1.300 g	A 18 X 22	DIN7603



10102033

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
117	10	X59610100189	THRUST BEARING F/TURBOCHARGER	1	PC	350.100 g



10101447

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	<b>X59610100188</b>	THRUST BEARING F/TURBOCHARGER	1	PC			
	20	<b>005401304000</b>	BALL	1	PC	0.300 g	4G20	DIN5401


EQUI TYPE: Engine

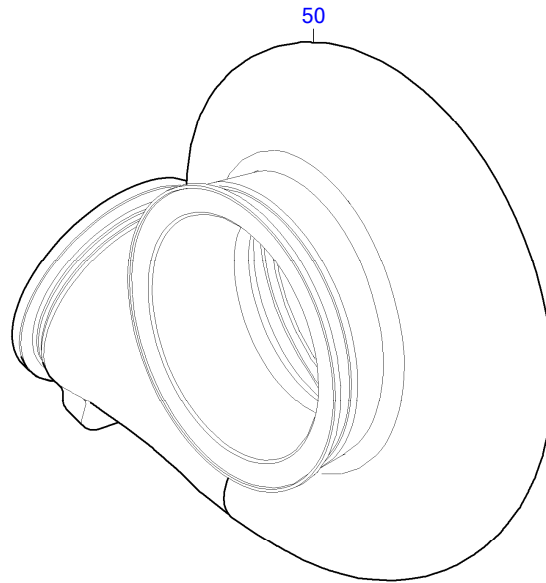
PRODUCT TYPE: 12V4000C65  
COMPRESSOR HOUSING

SERIAL NUMBER: 5472000318


FG/FGS:

BOM-No.: XT3610100414

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
	30	<b>XT3610100413</b>	COMPRESSOR HOUSING	ZR3.C	1	PC		EM	
	50	<b>5370160133</b>	PLUG CUP		6	PC	15.200 g		DM 28

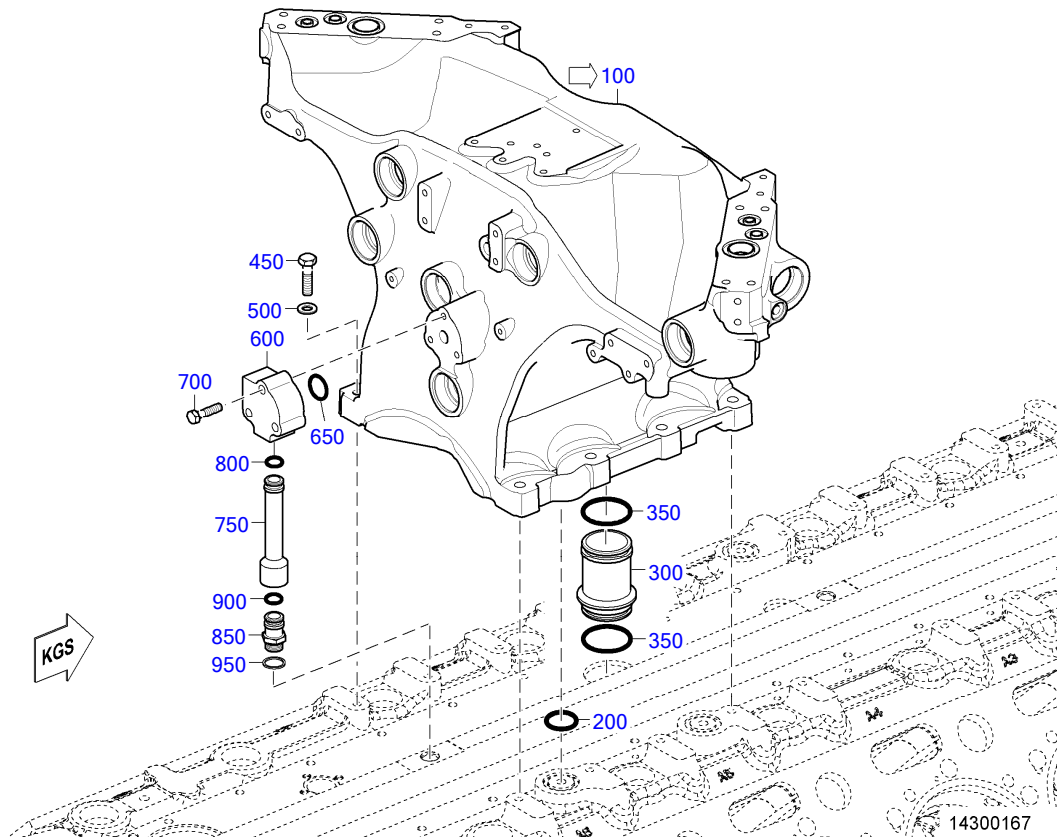


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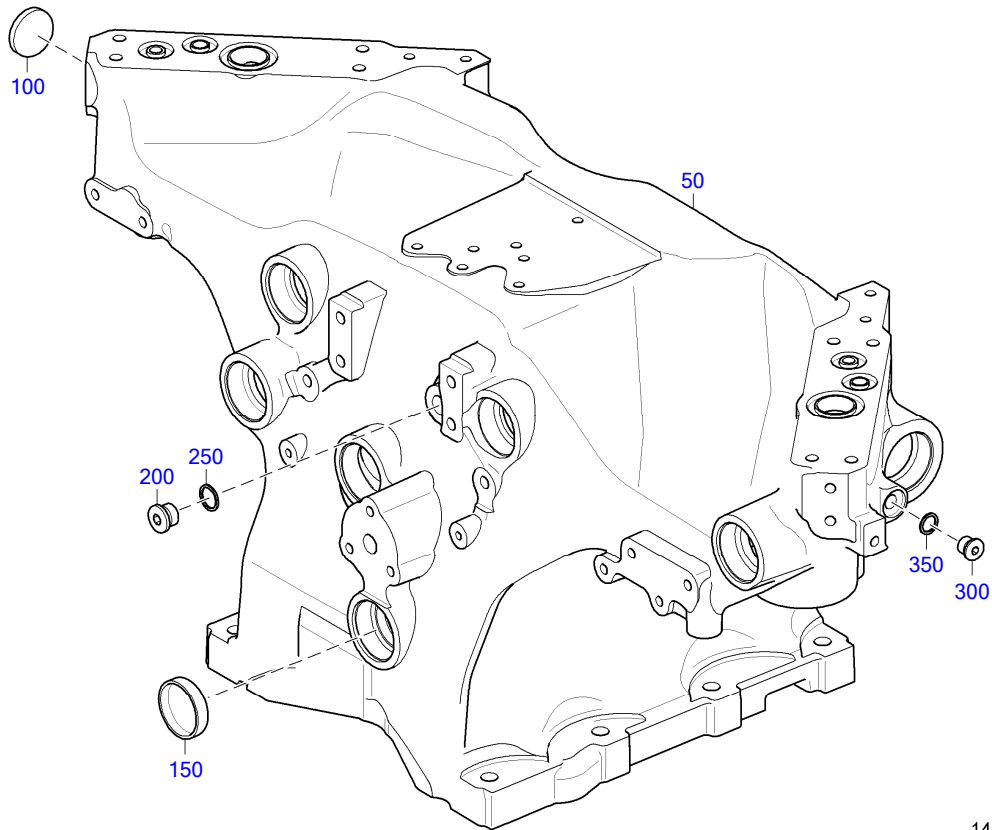
	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN
	50	X54710100055	TURBINE HOUSING	A/R=3,0CM	1	PC	19.800 kg	EM

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
114	10	<b>XT3610100175</b>	BEARING HOUSING F/TURBOCHARGER		1	PC	20.500 kg			
	20	<b>XT3610100023</b>	HEAT SHIELD		1	PC	1.938 kg			
	40	<b>700429126001</b>	O-RING		1	PC	11.000 g		126 X 4	MMN429
	50	<b>X52810100137</b>	O-RING	KALREZ SPECTRUM 7075	2	PC	0.400 g		13,7X2,26	
	60	<b>000931008257</b>	HEX SCREW		3	PC	47.600 g		M 8 X115	DIN931
	80	<b>X59610100254</b>	BEARING BODY		1	PC	388.000 g			
	90	<b>700429038002</b>	O-RING		1	PC	0.800 g		38 X 2	MMN429
	100	<b>5119940041</b>	RING SNAP		2	PC	2.800 g		34 X 1,5	DIN472
	110	<b>X59599100058</b>	WASHER		2	PC	7.700 g			
	120	<b>X00016599</b>	BEARING BUSHING		2	PC	67.700 g			
	130	<b>X59510100036</b>	TURBINE WHEEL	180/23/153/83,9CM HOCH 2	1	PC	5.180 kg	SB EM		
	140	<b>XT3510100044</b>	PISTON RING F/TURBOCHARGER		1	PC	0.006 kg			
115	150	<b>X52810100111</b>	HOUSING COVER		1	PC	2.800 kg			
	160	<b>5110251976</b>	WASHER	ZR205	1	PC	67.700 g			
	170	<b>X00010427</b>	WASHER		1	PC	45.700 g			
116	180	<b>XT3610100048</b>	THRUST BEARING	SYNCRÖHNRING, SYNTEC	1	PC	349.400 g			
	190	<b>X00010428</b>	WASHER		1	PC	56.400 g			
	210	<b>X59610100237</b>	RETAINING RING		1	PC	1.220 kg			
	220	<b>700429105001</b>	O-RING		1	PC	7.100 g		105 X 3,5	MMN429
	230	<b>000912006028</b>	SCREW		3	PC	7.800 g		M 6 X 30	DIN912
	240	<b>200433006400</b>	WASHER		3	PC	0.600 g		6,4	DIN433
	250	<b>X00010426</b>	RING CARRIER		1	PC	18.100 g			
	260	<b>5100850060</b>	RING SEAL		2	PC	1.800 g			
	270	<b>X00041766</b>	COMPRESSOR WHEEL	12V4000 -03	1	PC	2.900 kg	EM	130/11,2/205	
	280	<b>X00018161</b>	NUT		1	PC	78.700 g		M16X1.5 LH	
	300	<b>XT3669600001</b>	CLAMP		1	PC	2.900 kg			
	310	<b>700429300000</b>	O-RING		1	PC	39.900 g		300 X 5	MMN429
118	320	<b>XT3610100414</b>	COMPRESSOR HOUSING	ZR3.C	1	PC	31.607 kg	EM		
119	330	<b>X54710100056</b>	TURBINE HOUSING W/INSULATION	A/R=3,0CM	1	PC	20.700 kg	EM		
	340	<b>X52810100092</b>	V-BAND CLAMP	ZR205	1	PC	1.133 kg			
	360	<b>700425000235</b>	PLATE F/TURBOCHARGER		2	PC	3.000 g		39.1	MMN425
	370	<b>215977003000</b>	BLIND RIVET		4	PC	1.000 g		3X8	ISO15977

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
114	10	<b>XT3610100175</b>	BEARING HOUSING F/TURBOCHARGER		1	PC	20.500 kg			
	20	<b>XT3610100023</b>	HEAT SHIELD		1	PC	1.938 kg			
	40	<b>700429126001</b>	O-RING		1	PC	11.000 g		126 X 4	MMN429
	50	<b>X52810100137</b>	O-RING	KALREZ SPECTRUM 7075	2	PC	0.400 g		13,7X2,26	
	60	<b>000931008257</b>	HEX SCREW		3	PC	47.600 g		M 8 X115	DIN931
	80	<b>X59610100254</b>	BEARING BODY		1	PC	388.000 g			
	90	<b>700429038002</b>	O-RING		1	PC	0.800 g		38 X 2	MMN429
	100	<b>5119940041</b>	RING SNAP		2	PC	2.800 g		34 X 1,5	DIN472
	110	<b>X59599100058</b>	WASHER		2	PC	7.700 g			
	120	<b>X00016599</b>	BEARING BUSHING		2	PC	67.700 g			
	130	<b>X59510100036</b>	TURBINE WHEEL	180/23/153/83,9CM HOCH 2	1	PC	5.180 kg	SB EM		
	140	<b>XT3510100044</b>	PISTON RING F/TURBOCHARGER		1	PC	0.006 kg			
115	150	<b>X52810100111</b>	HOUSING COVER		1	PC	2.800 kg			
	160	<b>5110251976</b>	WASHER	ZR205	1	PC	67.700 g			
	170	<b>X00010427</b>	WASHER		1	PC	45.700 g			
116	180	<b>XT3610100048</b>	THRUST BEARING	SYNCRÖHNRING, SYNTEC	1	PC	349.400 g			
	190	<b>X00010428</b>	WASHER		1	PC	56.400 g			
	210	<b>X59610100237</b>	RETAINING RING		1	PC	1.220 kg			
	220	<b>700429105001</b>	O-RING		1	PC	7.100 g		105 X 3,5	MMN429
	230	<b>000912006028</b>	SCREW		3	PC	7.800 g		M 6 X 30	DIN912
	240	<b>200433006400</b>	WASHER		3	PC	0.600 g		6,4	DIN433
	250	<b>X00010426</b>	RING CARRIER		1	PC	18.100 g			
	260	<b>5100850060</b>	RING SEAL		2	PC	1.800 g			
	270	<b>X00041766</b>	COMPRESSOR WHEEL	12V4000 -03	1	PC	2.900 kg	EM	130/11,2/205	
	280	<b>X00018161</b>	NUT		1	PC	78.700 g		M16X1.5 LH	
	300	<b>XT3669600001</b>	CLAMP		1	PC	2.900 kg			
	310	<b>700429300000</b>	O-RING		1	PC	39.900 g		300 X 5	MMN429
118	320	<b>XT3610100414</b>	COMPRESSOR HOUSING	ZR3.C	1	PC	31.607 kg	EM		
119	330	<b>X54710100056</b>	TURBINE HOUSING W/INSULATION	A/R=3,0CM	1	PC	20.700 kg	EM		
	340	<b>X52810100092</b>	V-BAND CLAMP	ZR205	1	PC	1.133 kg			
	360	<b>700425000235</b>	PLATE F/TURBOCHARGER		2	PC	3.000 g		39.1	MMN425
	370	<b>215977003000</b>	BLIND RIVET		4	PC	1.000 g		3X8	ISO15977



☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	123	100	<b>X54710200006</b>	TC CARRIER LOW PRESSURE	1	PC	129.027 kg	
		200	<b>700429033001</b>	O-RING	1	PC	5.100 g	33 X 5 MMN429
		300	<b>X54799100038</b>	PLUG-IN PIPE FUER OELRUECKLAUF	1	PC	220.200 g	
		350	<b>700429055001</b>	O-RING	2	PC	8.000 g	55 X 5 MMN429
		450	<b>000000002963</b>	HEX SCREW	8	PC	54.200 g	M 12 X 55 ISO4017
		500	<b>735151012100</b>	SPACER S2000/4000	8	PC	20.000 g	A 12,5 MTN5151
		600	<b>X54799100051</b>	FLANGE F/TURBO OIL SUPPLY	1	PC	1.200 kg	
		650	<b>700429026001</b>	O-RING	1	PC	1.300 g	26 X 3 MMN429
		700	<b>204017010033</b>	HEX SCREW	3	PC	37.300 g	M 10 X 55 ISO4017
		750	<b>X54799100036</b>	SOCKET PIPE F/TURBO OIL SUPPLY	1	PC	100.400 g	
		800	<b>700429018005</b>	O-RING	1	PC	1.900 g	18 X 4 MMN429
		850	<b>X54799100031</b>	SCREW-FITTING UNION F/TURBO OIL SUPPLY	1	PC	73.500 g	
		900	<b>700429018005</b>	O-RING	1	PC	1.900 g	18 X 4 MMN429
		950	<b>5319970545</b>	SEALING RING	1	PC	0.600 g	19,30 X 2,20



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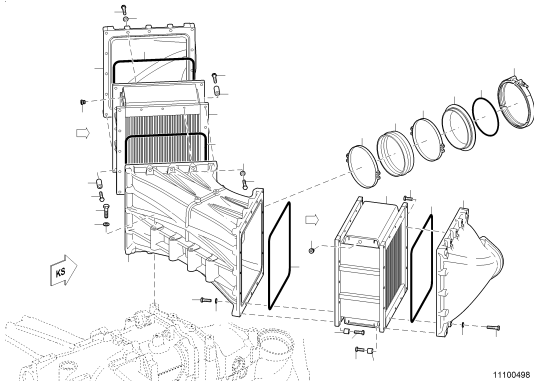
☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	50	<b>X54710200005</b>	TC CARRIER LOW PRESSURE	1	PC	127.855 kg		
	100	<b>5370160233</b>	SEALING CAP	1	PC	32.000 g	D 40	
	150	<b>5249970020</b>	SEALING CAP	16	PC	62.600 g	D 50	
	200	<b>000908018002</b>	PLUG	2	PC	0.029 kg	M 18 X 1,5	DIN908
	250	<b>007603018101</b>	COPPER SEALING RING	2	PC	1.300 g	A 18 X 22	DIN7603
	300	<b>000908014001</b>	SCREW PLUG	2	PC	0.016 kg	M 14 X 1,5	DIN908
	350	<b>007603014102</b>	COPPER SEALING RING	2	PC	1.000 g	A 14 X 18	DIN7603

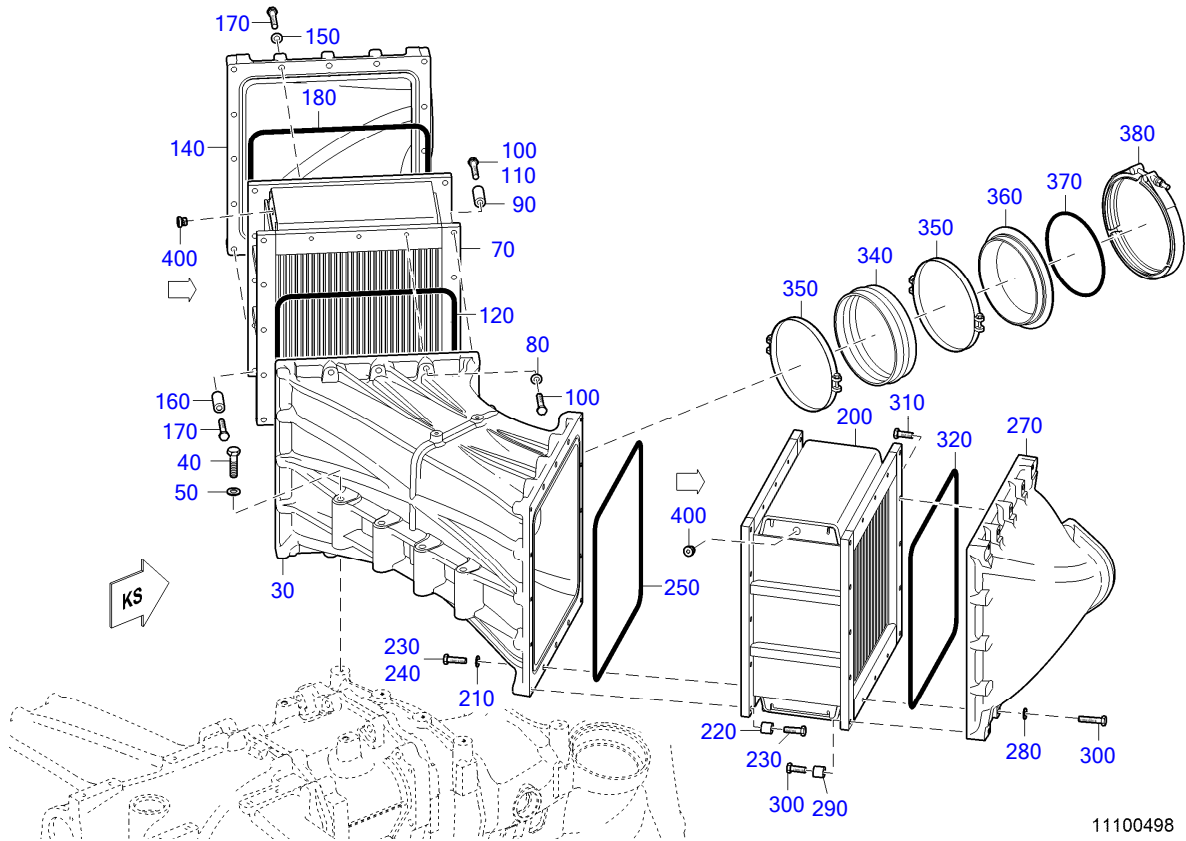
GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.

10  
INTERCOOLER LOW PRESSURE  
XS547110.00030





☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	40	204017012030	HEX SCREW	6	PC	100.900 g		M 12 X120	ISO4017
	50	000125013012	WASHER	6	PC	5.600 g		A 13	DIN125
	70	X54711100002	INTERCOOLER LOW PRESSURE	1	PC	66.600 kg	EM		
	80	735151010100	SPACER	6	PC	11.000 g		A 10,5	MTN5151
	90	5531420553	SLEEVE	10	PC	54.100 g			
	100	204014010001	HEX SCREW	13	PC	39.700 g		M 10 X 55	ISO4014
	110	204014010032	HEX SCREW	3	PC	42.900 g		M 10 X 60	ISO4014
	120	735254418000	O-RING	1	PC	70.900 g		418 X 6	MTN5254
	140	X54712500114	CONNECTION HOUSING INLET	1	PC	18.135 kg	EM		
	150	735151010100	SPACER	6	PC	11.000 g		A 10,5	MTN5151
	160	5531420553	SLEEVE	10	PC	54.100 g			
	170	204014010001	HEX SCREW	16	PC	39.700 g		M 10 X 55	ISO4014
	180	735254418000	O-RING	1	PC	70.900 g		418 X 6	MTN5254
	200	X54711100002	INTERCOOLER LOW PRESSURE	1	PC	66.600 kg	EM		
	210	735151010100	SPACER	6	PC	11.000 g		A 10,5	MTN5151
	220	5531420553	SLEEVE	10	PC	54.100 g			
	230	204014010001	HEX SCREW	15	PC	39.700 g		M 10 X 55	ISO4014
	240	204014010032	HEX SCREW	1	PC	42.900 g		M 10 X 60	ISO4014
	250	735254418000	O-RING	1	PC	70.900 g		418 X 6	MTN5254
	270	X54712500114	CONNECTION HOUSING INLET	1	PC	18.135 kg	EM		
	280	735151010100	SPACER	6	PC	11.000 g		A 10,5	MTN5151
	290	5531420553	SLEEVE	10	PC	54.100 g			
	300	204014010001	HEX SCREW	14	PC	39.700 g		M 10 X 55	ISO4014
	310	204014010032	HEX SCREW	2	PC	42.900 g		M 10 X 60	ISO4014
	320	735254418000	O-RING	1	PC	70.900 g		418 X 6	MTN5254

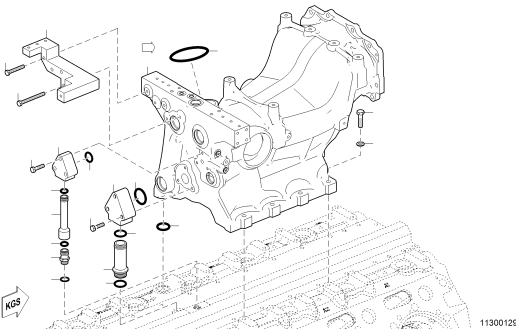
	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	340	<b>X54712500036</b>	RUBBER SLEEVE	1	PC	134.900 g		174 X 51	
	350	<b>X54799100216</b>	HOSE CLAMP FOR CHARGE AIR	2	PC	79.400 g			
	360	<b>X54712500056</b>	FLANGE FOR RUBBER SLEEVE	1	PC	1.500 kg	EM		
	370	<b>700429160001</b>	O-RING	1	PC	13.700 g		160 X 4	MMN429
	380	<b>0049978190</b>	CLAMP	1	PC	615.000 g			
38	400	<b>735210014000</b>	THREAD PLUG	2	PC	0.019 kg		M 14 X 1,5	MTN5210
136		<b>X54712500159</b>	AIR HOUSING FOR LP INTERCOOLER	1	ST	63.200 kg	EM		

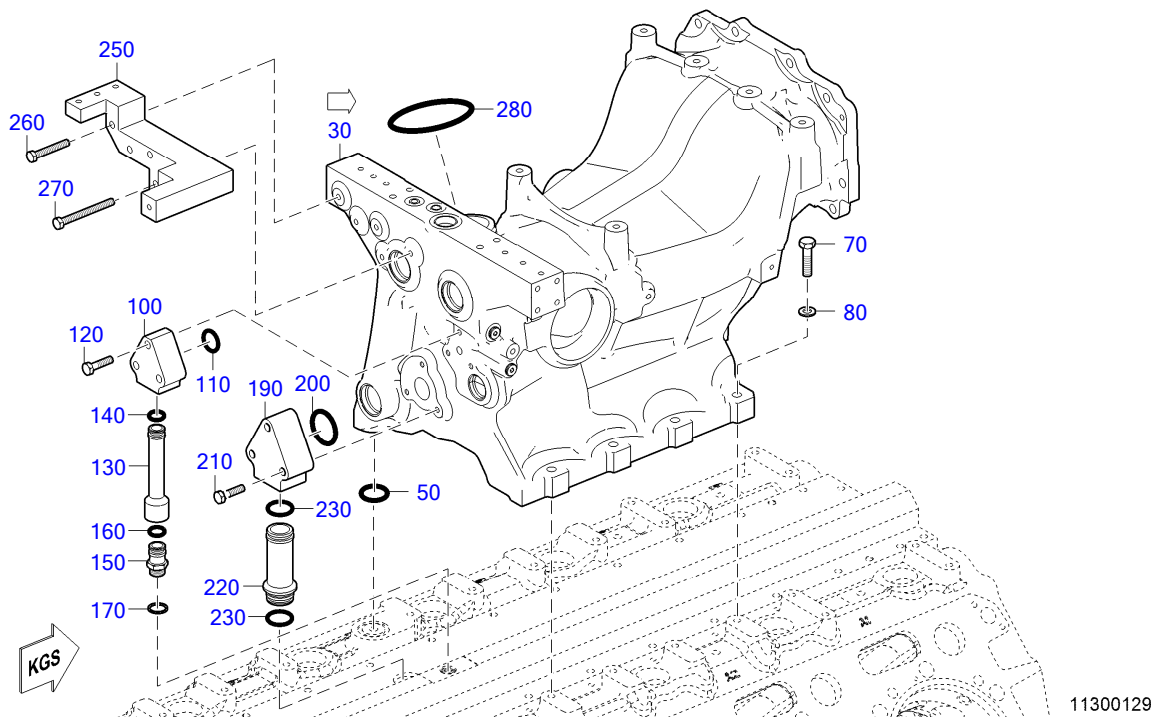
GROUP SEGMENT (FGS)

GROUP NAME

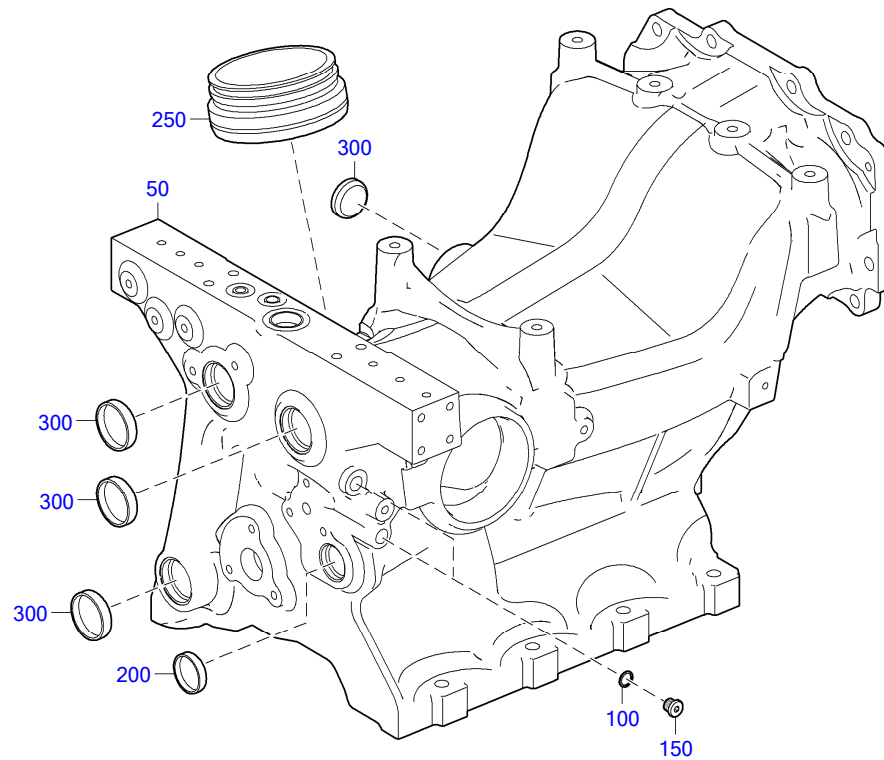
BOM-No.

05  
CARRIER FOR LP INTERCOOLER  
XS547110.00031





☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	128	30	<b>X54711400087</b>	CARRIER FOR LP INTERCOOLER	1	PC	115.574 kg	
		50	<b>700429033001</b>	O-RING	1	PC	5.100 g	33 X 5 MMN429
		70	<b>000000002963</b>	HEX SCREW	8	PC	54.200 g	M 12 X 55 ISO4017
		80	<b>735151012100</b>	SPACER S2000/4000	8	PC	20.000 g	A 12,5 MTN5151
		100	<b>X54799100042</b>	FLANGE FUER OELZULAUF	1	PC	1.100 kg	
		110	<b>700429027003</b>	O-RING	1	PC	2.700 g	27 X 4 MMN429
		120	<b>204017010033</b>	HEX SCREW	3	PC	37.300 g	M 10 X 55 ISO4017
		130	<b>X54799100036</b>	SOCKET PIPE F/TURBO OIL SUPPLY	1	PC	100.400 g	
		140	<b>700429018005</b>	O-RING	1	PC	1.900 g	18 X 4 MMN429
		150	<b>X54799100031</b>	SCREW-FITTING UNION F/TURBO OIL SUPPLY	1	PC	73.500 g	
		160	<b>700429018005</b>	O-RING	1	PC	1.900 g	18 X 4 MMN429
		170	<b>5319970545</b>	SEALING RING	1	PC	0.600 g	19,30 X 2,20
		190	<b>X54799100043</b>	FLANGE FUER OELRUECKLAUF	1	PC	1.800 kg	
		200	<b>700429045000</b>	O-RING	1	PC	6.800 g	45 X 5 MMN429
		210	<b>304017010015</b>	HEX SCREW	3	PC	39.200 g	M 10 X 60 ISO4017
		220	<b>X54799100037</b>	PLUG-IN PIPE FUER OELRUECKLAUF	1	PC	157.400 g	
		230	<b>700429032003</b>	O-RING	2	PC	3.000 g	32 X 4 MMN429
		250	<b>X54711400022</b>	END MEMBER ON CARRIER HOUSING	1	PC	5.240 kg	
		260	<b>000000004745</b>	HEX SCREW	3	PC	41.800 g	M 10 X 65 ISO4017
		270	<b>000000003922</b>	HEX SCREW	2	PC	66.600 g	M 10 X100 ISO4014
		280	<b>700429115000</b>	O-RING	1	PC	23.000 g	115 X 6 MMN429



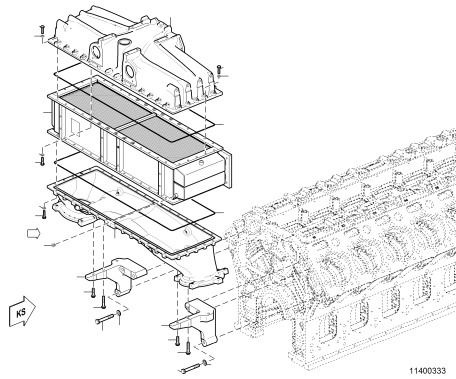
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☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	50	<b>X54711400086</b>	CARRIER FOR LP INTERCOOLER	1	PC	113.930 kg		
	100	<b>007603014102</b>	COPPER SEALING RING	2	PC	1.000 g	A 14 X 18	DIN7603
	150	<b>000908014001</b>	SCREW PLUG	2	PC	0.016 kg	M 14 X 1,5	DIN908
	200	<b>5370160233</b>	SEALING CAP	1	PC	32.000 g	D 40	
	250	<b>X54799101079</b>	PLUG-IN PIPE FLANGE	1	PC	1.129 kg		
	300	<b>5249970020</b>	SEALING CAP	4	PC	62.600 g	D 50	

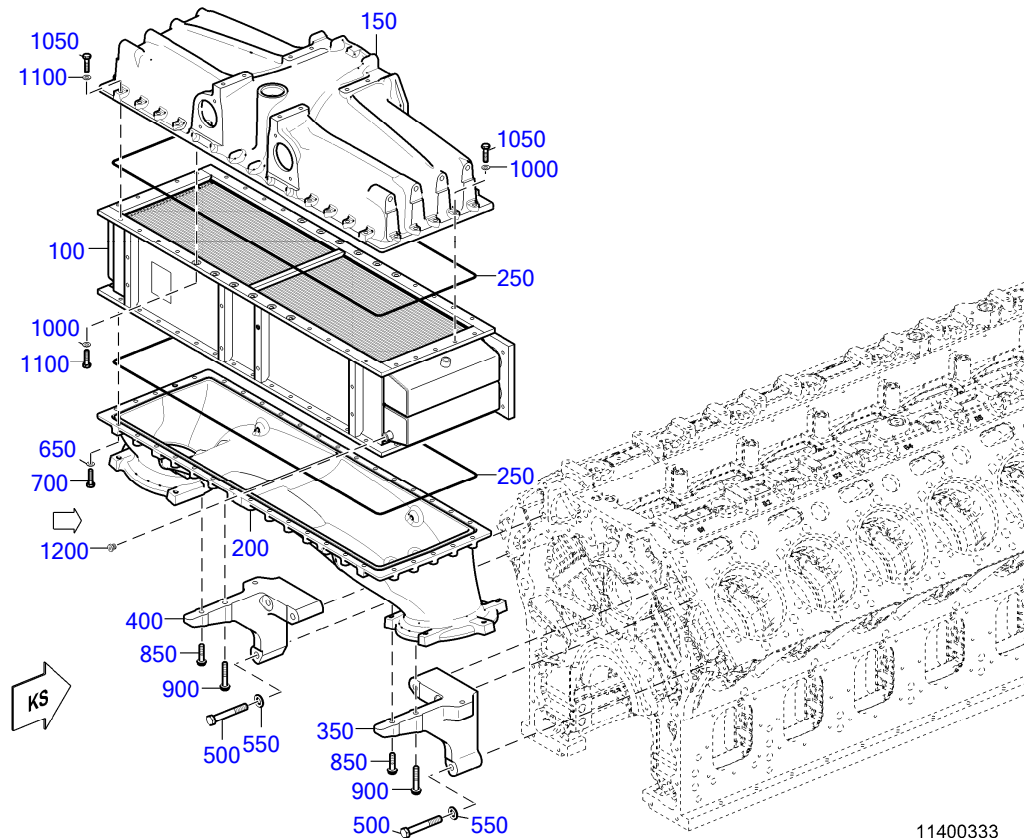
GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.



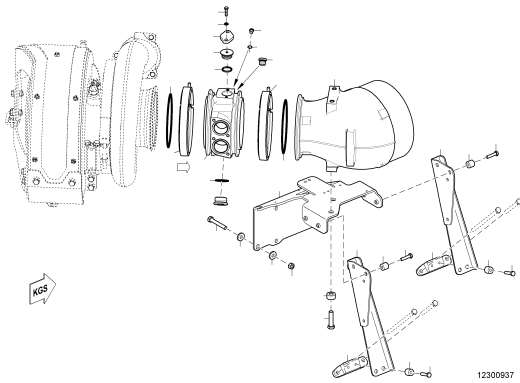
05  
**INTERCOOLER HIGH PRESSURE**  
XS547110.00003



11400333

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	100	X54711400046	INTERCOOLER HIGH PRESSURE	1	PC	228.000 kg	EM		
	150	X54711400009	CONNECTION HOUSING TOP	1	PC	87.000 kg	EM		
	200	X54711400047	CONNECTION HOUSING BOTTOM	1	PC	72.000 kg	EM		
	250	700429870000	O-RING	2	PC	167.500 g		870 X 6	MMN429
	350	5240980730	BRACKET	1	PC	11.500 kg			
	400	5240980830	BRACKET	1	PC	11.400 kg			
	500	00000002276	HEX SCREW	6	PC	180.000 g		M 16 X110	ISO4017
	550	5249900140	WASHER	6	PC	12.400 g			
	650	200433010500	WASHER	38	PC	1.900 g		10,5	DIN433
	700	304017010036	HEX SCREW	38	PC	30.000 g		M 10 X 40	ISO4017
	850	5249901901	HEX SCREW	2	PC	64.000 g		M 12 X 1,75 X 47	
	900	5249900304	HEX SCREW	4	PC	79.000 g		M12 X 65	
	1000	200433010500	WASHER	38	PC	1.900 g		10,5	DIN433
	1050	304017010036	HEX SCREW	26	PC	30.000 g		M 10 X 40	ISO4017
	1100	304017010038	HEX SCREW	12	PC	24.900 g		M 10 X 30	ISO4017
38	1200	735210014000	THREAD PLUG	1	PC	0.019 kg		M 14 X 1,5	MTN5210

GROUP SEGMENT (FGS)  
GROUP NAME  
BOM-No.



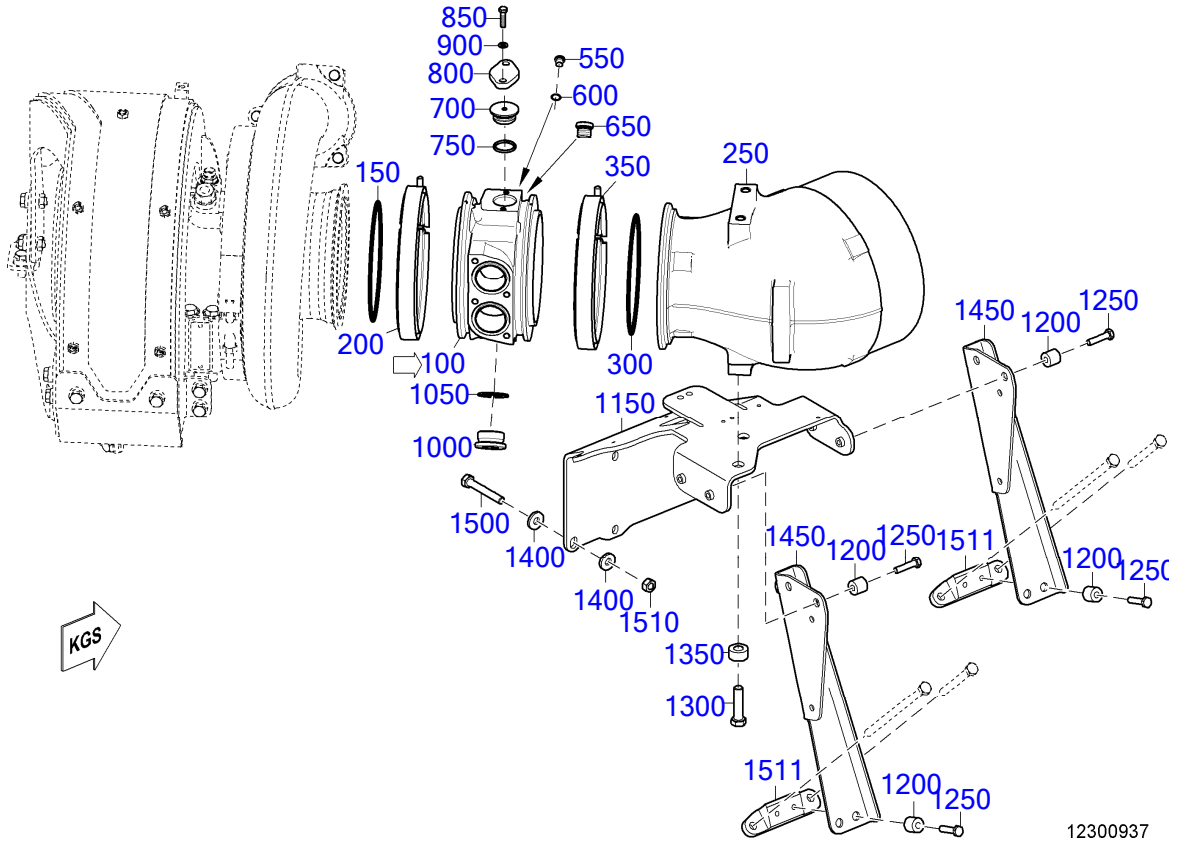
35  
AIR SYSTEM HORIZONTAL  
XS547120.00114

EQUI TYPE: Engine

PRODUCT TYPE: 12V4000C65  
AIR SYSTEM HORIZONTAL

SERIAL NUMBER: 5472000318

FG/FGS: 123 35  
BOM-No.: XS547120.00114

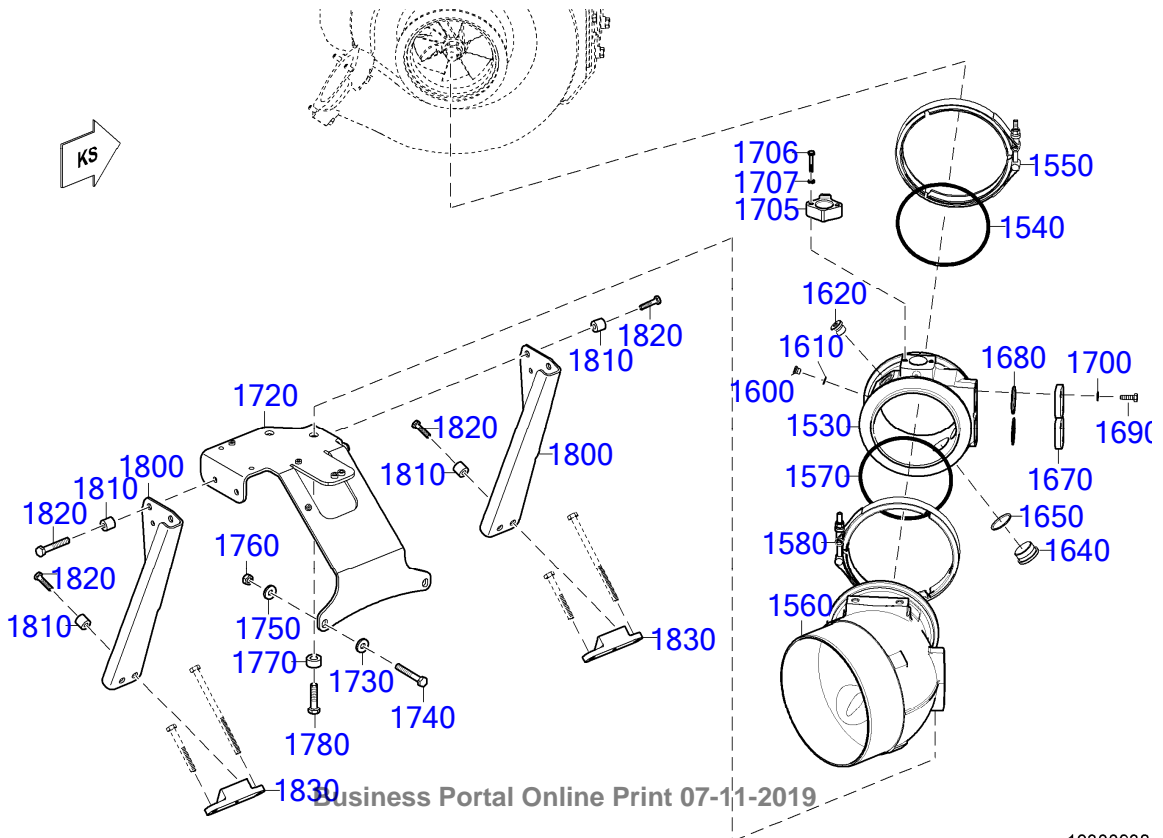


EQUI TYPE: Engine

PRODUCT TYPE: 12V4000C65  
AIR SYSTEM HORIZONTAL

SERIAL NUMBER: 5472000318

FG/FGS: 123 35  
BOM-No.: XS547120.00114



☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	100	X54712300106	INTAKE HOUSING FOR CHARGE AIR	1	PC	2.663 kg	EM		
	150	700429160001	O-RING	1	PC	13.700 g		160 X 4	MMN429
	200	0049978190	CLAMP	1	PC	615.000 g			
	250	X54712300149	ELBOW FOR INTAKE AIR	1	PC	4.887 kg	EM		
	300	700429160001	O-RING	1	PC	13.700 g		160 X 4	MMN429
	350	0049978190	CLAMP	1	PC	615.000 g			
	550	000908010002	SCREWED PLUG	1	PC	0.006 kg		M 10 X 1	DIN908
	600	007603010110	WASHER A COP	1	PC	0.300 g		A 10 X 13,5	DIN7603
	650	735210018000	PLUG	1	PC	0.036 kg		M 18 X 1,5	MTN5210
	700	X54799100168	END COVER	1	PC	32.800 g			
	750	700429025000	O-RING	1	PC	1.500 g		25 X 3,15	MMN429
	800	000000004231	FLANGE	1	PC	109.100 g		B 0 X 48	DIN71501
	850	304017006063	HEX SCREW	2	PC	6.800 g		M 6 X 25	ISO4017
	900	007349006004	WASHER	2	PC	4.100 g		6,4	DIN7349
	1000	200908036000	PLUG	1	PC	0.122 kg		M 36 X 2	DIN908
	1050	007603036101	WASHER A COP	1	PC	5.200 g		A 36 X 42	DIN7603
	1150	X54712300150	RETAINER FOR INTAKE AIR	1	PC	4.899 kg			
	1200	5564910250	BUSH	8	PC	36.100 g			
	1250	304017008084	HEX SCREW	8	PC	16.400 g		M 8 X 35	ISO4017
	1300	000000003437	HEX SCREW	2	PC	50.800 g		M 12 X 50	ISO4017
	1350	735151012200	SPACER	2	PC	40.100 g		B 12,5	MTN5151
	1400	007349010002	WASHER	4	PC	11.000 g		10,5	DIN7349
	1450	X54712300151	RETAINER FOR INTAKE AIR	2	PC	0.928 kg			
	1500	000000001076	HEX SCREW	2	PC	45.900 g		M 10 X 70	ISO4017
	1510	000000003187	NUT HEX A3C	2	PC	9.200 g		M 10	ISO4032
	1511	X54712300144	RETAINER FOR INTAKE AIR	2	PC	0.465 kg			
	1530	X54712300106	INTAKE HOUSING FOR CHARGE AIR	1	PC	2.663 kg	EM		
	1540	700429160001	O-RING	1	PC	13.700 g		160 X 4	MMN429
	1550	0049978190	CLAMP	1	PC	615.000 g			
	1560	X54712300149	ELBOW FOR INTAKE AIR	1	PC	4.887 kg	EM		
	1570	700429160001	O-RING	1	PC	13.700 g		160 X 4	MMN429
	1580	0049978190	CLAMP	1	PC	615.000 g			
	1600	000908010002	SCREWED PLUG	1	PC	0.006 kg		M 10 X 1	DIN908
	1610	007603010110	WASHER A COP	1	PC	0.300 g		A 10 X 13,5	DIN7603
	1620	735210018000	PLUG	1	PC	0.036 kg		M 18 X 1,5	MTN5210
	1640	200908036000	PLUG	1	PC	0.122 kg		M 36 X 2	DIN908
	1650	007603036101	WASHER A COP	1	PC	5.200 g		A 36 X 42	DIN7603
	1670	X59499100174	FLANGE	2	PC	94.800 g			
	1680	700429043000	O-RING	2	PC	2.200 g		43 X 3	MMN429
	1690	304017008081	HEX SCREW	4	PC	13.400 g		M 8 X 25	ISO4017
	1700	000125008427	WASHER	4	PC	1.500 g		A 8,4	DIN125
	1705	X54799101191	SPACER	1	PC	69.300 g			
	1706	304017006066	HEX SCREW	2	PC	8.400 g		M 6 X 35	ISO4017
	1707	000125006431	WASHER	2	PC	0.800 g		A 6,4	DIN125
	1720	X54712300132	RETAINER F.AIRROUTING PRE TC	1	PC	4.111 kg			
	1730	007349010002	WASHER	2	PC	11.000 g		10,5	DIN7349
	1740	000000001076	HEX SCREW	2	PC	45.900 g		M 10 X 70	ISO4017
	1750	007349010002	WASHER	2	PC	11.000 g		10,5	DIN7349
	1760	000000003187	NUT HEX A3C	2	PC	9.200 g		M 10	ISO4032
	1770	735151012200	SPACER	2	PC	40.100 g		B 12,5	MTN5151
	1780	000000003437	HEX SCREW	2	PC	50.800 g		M 12 X 50	ISO4017
	1800	X54712300151	RETAINER FOR INTAKE AIR	2	PC	0.928 kg			
	1810	5564910250	BUSH	8	PC	36.100 g			
	1820	304017008084	HEX SCREW	8	PC	16.400 g		M 8 X 35	ISO4017

EQUI TYPE: Engine

PRODUCT TYPE: 12V4000C65  
AIR SYSTEM HORIZONTAL

SERIAL NUMBER: 5472000318

FG/FGS: 123 35

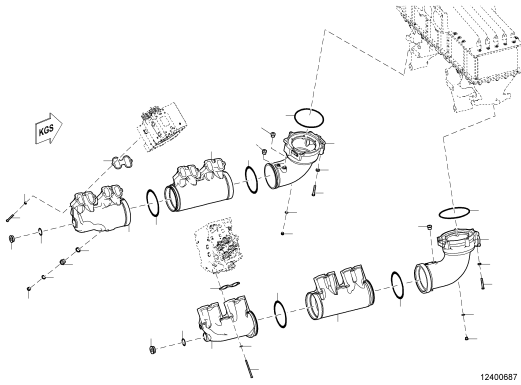
BOM-No.: XS547120.00114

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	1830	<b>X54712300144</b>	RETAINER FOR INTAKE AIR	2	PC	0.465 kg			

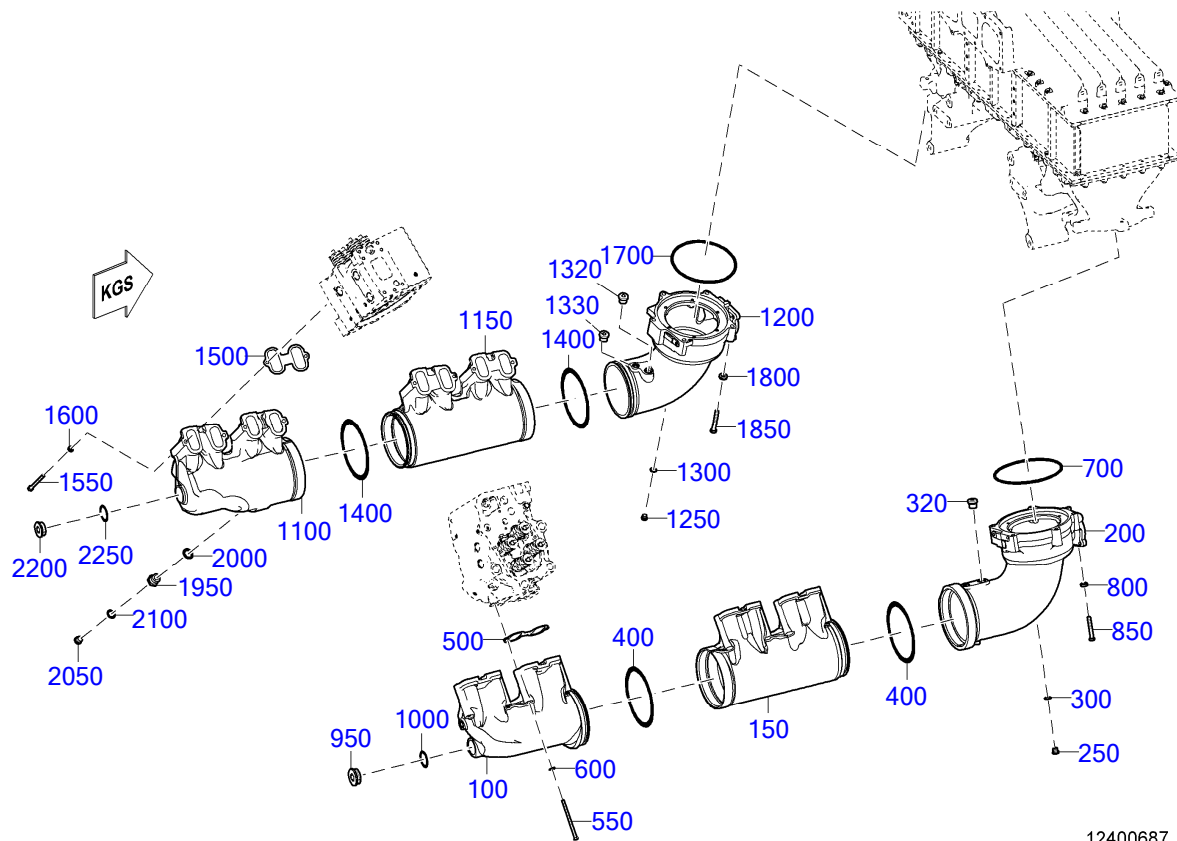
GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.



05  
CHARGE-AIR MANIFOLD INTERCOOLER TO CYLH  
XS547120.00079



12400687

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	100	X54812400012	CHARGE-AIR PIPE END MEMBER, LEFT	1	PC	7.675 kg	EM		
	150	X54812400008	CHARGE-AIR PIPE CENTER SECTION	2	PC	8.855 kg	EM		
	200	X54811400013	ELBOW F.INTERCOOLER LHS	1	PC	10.121 kg	EM		
	250	000908014001	SCREW PLUG	1	PC	0.016 kg		M 14 X 1,5	DIN908
	300	007603014102	COPPER SEALING RING	1	PC	1.000 g		A 14 X 18	DIN7603
	320	735210018000	PLUG	1	PC	0.036 kg		M 18 X 1,5	MTN5210
	400	700429180004	O-RING	3	PC	65.300 g		180 X 8	MMN429
	500	5240980680	GASKET	6	PC	0.014 kg			
	550	000000001041	HEX SCREW	12	PC	90.200 g		M 10 X140	ISO4014
	600	000125010524	WASHER	12	PC	3.100 g		A 10,5	DIN125
	700	700429230001	O-RING	1	PC	44.700 g		230 X 6	MMN429
	800	735151012100	SPACER S2000/4000	5	PC	20.000 g		A 12,5	MTN5151
	850	000000003048	HEX SCREW	5	PC	75.100 g		M 12 X 85	ISO4017
	950	000908052003	THREAD PLUG	1	PC	0.298 kg		M 52 X 1,5	DIN908
	1000	007603052101	COPPER SEALING RING	1	PC	12.500 g		A 52 X 60	DIN7603
	1100	X54812400010	CHARGE-AIR PIPE END MEMBER, RIGHT	1	PC	8.291 kg	EM		
	1150	X54812400008	CHARGE-AIR PIPE CENTER SECTION	2	PC	8.855 kg	EM		
	1200	X54811400014	ELBOW F/INTERCOOLER, RIGH	1	PC	9.123 kg	EM		
	1250	000908014001	SCREW PLUG	1	PC	0.016 kg		M 14 X 1,5	DIN908
	1300	007603014102	COPPER SEALING RING	1	PC	1.000 g		A 14 X 18	DIN7603
	1320	735210018000	PLUG	1	PC	0.036 kg		M 18 X 1,5	MTN5210
38	1330	735210014000	THREAD PLUG	2	PC	0.019 kg		M 14 X 1,5	MTN5210
	1400	700429180004	O-RING	3	PC	65.300 g		180 X 8	MMN429
	1500	5240980680	GASKET	6	PC	0.014 kg			
	1550	000000001041	HEX SCREW	12	PC	90.200 g		M 10 X140	ISO4014

EQUI TYPE: Engine

PRODUCT TYPE: 12V4000C65  
CHARGE-AIR MANIFOLD INTERCOOLER TO CYLH

SERIAL NUMBER: 5472000318

FG/FGS: 124 05

BOM-No.: XS547120.00079

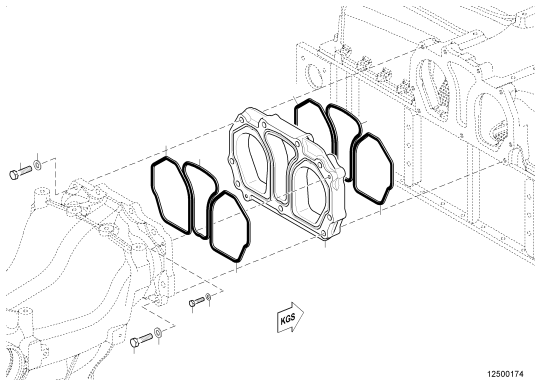
☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	1600	000125010524	WASHER	12	PC	3.100 g		A 10,5	DIN125
	1700	700429230001	O-RING	1	PC	44.700 g		230 X 6	MMN429
	1800	735151012100	SPACER S2000/4000	5	PC	20.000 g		A 12,5	MTN5151
	1850	000000003048	HEX SCREW	5	PC	75.100 g		M 12 X 85	ISO4017
	1950	700354014003	THREADED BUSHING	2	PC	40.000 g		M 14 X 1,5	MMN354
	2000	007603022102	COPPER SEALING RING	2	PC	0.900 g		A 22 X 27	DIN7603
	2050	000908014001	SCREW PLUG	2	PC	0.016 kg		M 14 X 1,5	DIN908
	2100	007603014102	COPPER SEALING RING	2	PC	1.000 g		A 14 X 18	DIN7603
	2200	000908052003	THREAD PLUG	1	PC	0.298 kg		M 52 X 1,5	DIN908
	2250	007603052101	COPPER SEALING RING	1	PC	12.500 g		A 52 X 60	DIN7603

AIR ROUTING BETWEEN TURBOCHARGER AND CHARGE-AIR COOLER

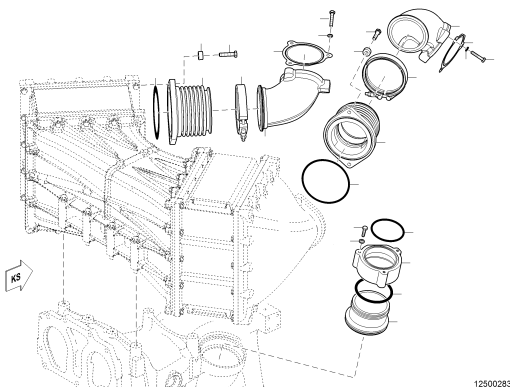
GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.



15  
INTERMEDIATE FLANGE FOR CHARGE AIR  
XS547120.00032




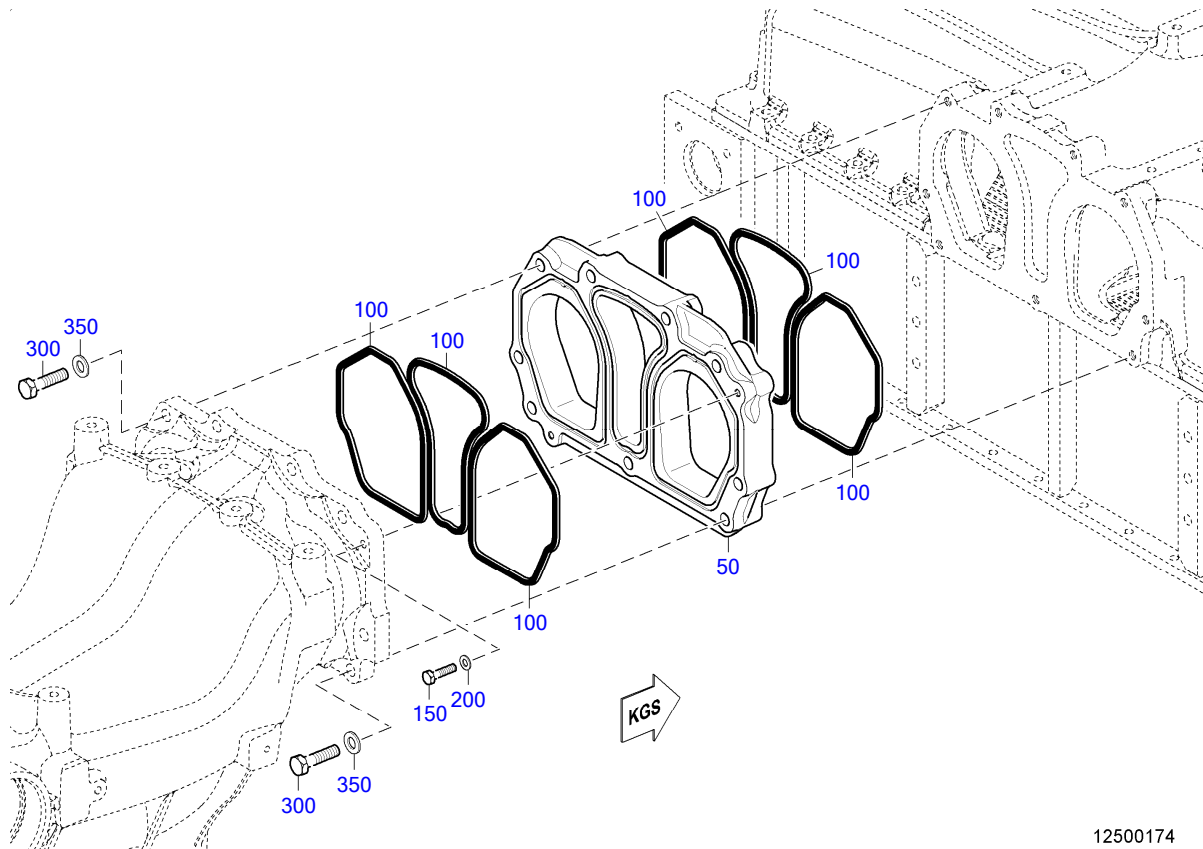
15  
AIR PIPING FOR LP INTERCOOLER  
XS547120.00125

EQUI TYPE: Engine

PRODUCT TYPE: 12V4000C65  
AIR HOUSING FOR LP INTERCOOLER

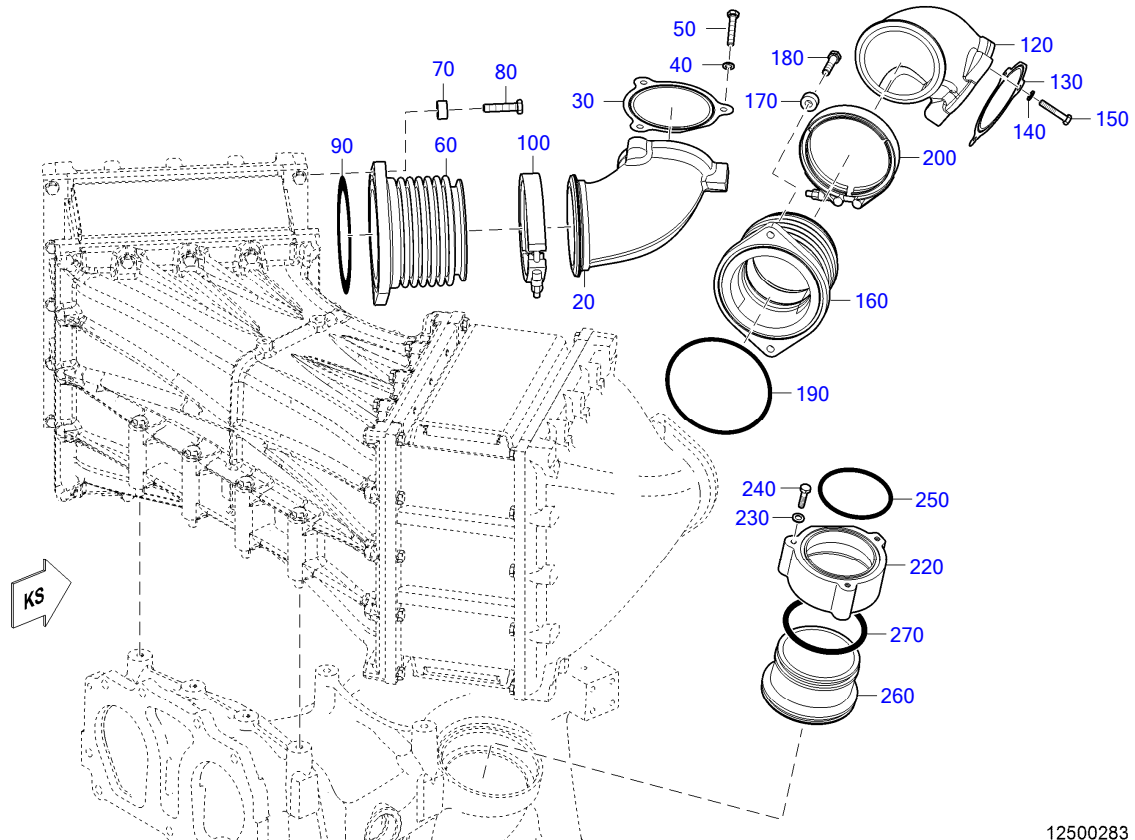
SERIAL NUMBER: 5472000318  
FG/FGS: 125 00  
BOM-No.: X54712500159

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	10	X54712500141	AIR HOUSING FOR LP INTERCOOLER	1	PC	63.090 kg	EM		
	20	007603016103	RING,GENERAL	1	PC	1.800 g		A 16 X 22	DIN7603
	30	000910016003	PLUG	1	PC	0.035 kg		M 16 X 1,5	DIN910



12500174

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	50	X54712500055	INTERMEDIATE FLANGE BEFORE INTERCOOLER	1	PC	11.500 kg		
	100	700429166000	O-RING	6	PC	32.400 g	166 X 6	MMN429
	150	000000003521	HEX SCREW	2	PC	14.400 g	M 8 X 30	ISO4017
	200	000125008427	WASHER	2	PC	1.500 g	A 8,4	DIN125
	300	000000002088	HEX SCREW	9	PC	72.400 g	M 12 X 80	ISO4017
	350	000125013012	WASHER	9	PC	5.600 g	A 13	DIN125



12500283

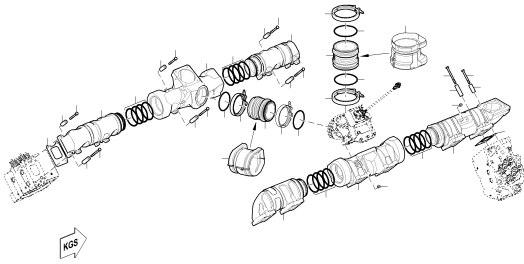
☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	20	X54712500084	ELBOW AFTER COMPRESSOR	1	PC	3.448 kg	EM		
	30	X54799100863	GASKET	1	PC	0.010 kg			
	40	200433008400	WASHER	3	PC	1.500 g	8,4		DIN433
	50	304017008086	HEX SCREW	3	PC	19.400 g	M 8 X 45		ISO4017
	60	X54799100644	BELLOWS AFTER COMPRESSOR	1	PC	2.807 kg			
	70	5371860052	SPACER WASHER	2	PC	33.100 g			
	80	204017010021	HEX SCREW	2	PC	32.500 g	M 10 X 45		ISO4017
	90	735254150000	O-RING	1	PC	11.500 g	150 X 4		MTN5254
	100	X00007114	V-BAND CLAMP	1	PC	0.370 kg			
	120	X54712500085	ELBOW AFTER COMPRESSOR	1	PC	3.644 kg	EM		
	130	X54799100863	GASKET	1	PC	0.010 kg			
	140	200433008400	WASHER	3	PC	1.500 g	8,4		DIN433
	150	304017008086	HEX SCREW	3	PC	19.400 g	M 8 X 45		ISO4017
	160	X54799100644	BELLOWS AFTER COMPRESSOR	1	PC	2.807 kg			
	170	5371860052	SPACER WASHER	2	PC	33.100 g			
	180	204017010021	HEX SCREW	2	PC	32.500 g	M 10 X 45		ISO4017
	190	735254150000	O-RING	1	PC	11.500 g	150 X 4		MTN5254
	200	X00007114	V-BAND CLAMP	1	PC	0.370 kg			
	220	X54712500049	FLANGE VON HD-VERDICHT-GEH	1	PC	2.200 kg	EM		
	230	200433008400	WASHER	3	PC	1.500 g	8,4		DIN433
	240	304017008086	HEX SCREW	3	PC	19.400 g	M 8 X 45		ISO4017
	250	735254108000	O-RING	1	PC	0.008 kg	108 X 4		MTN5254
	260	X54799100935	SOCKET PIPE FOR CHARGE AIR	1	PC	1.394 kg			
	270	700429110000	O-RING	1	PC	21.700 g	110 X 6		MMN429

GROUP SEGMENT (FGS)

GROUP NAME

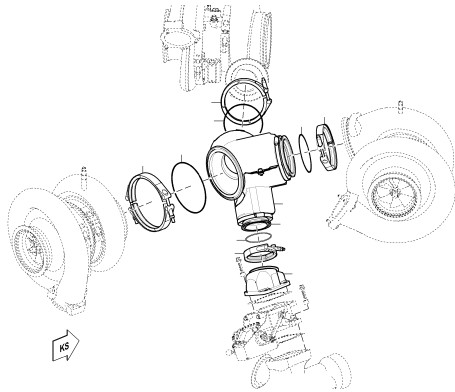
BOM-No.

10  
EXHAUST SYSTEM AFTER CYLINDER HEAD  
XS547140.00151

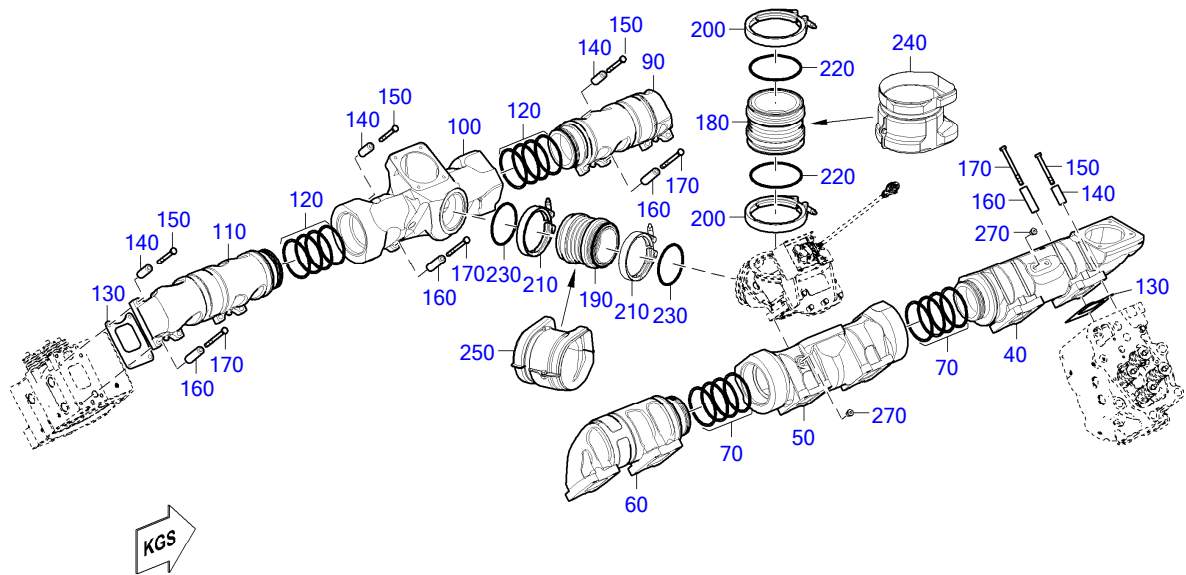


14100616

20  
EXHAUST SYSTEM TO/FROM TURBOCHARGE  
XS547140.00073



14100509



14100616

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	141	40	<b>X54714100134</b>	EXHAUST PIPE LEFT, W/INSULATION	1	PC	16.337 kg	EM		
	142	50	<b>X54714100136</b>	EXHAUST PIPE LEFT, W/INSULATION	1	PC	17.669 kg	EM		
		60	<b>X00041680</b>	EXHAUST PIPE	1	PC	11.588 kg	EM		
		70	<b>0001426857</b>	LAMELLAR RING	8	PC	27.100 g			
		90	<b>X00041680</b>	EXHAUST PIPE	1	PC	11.588 kg	EM		
		100	<b>X54714100043</b>	EXHAUST PIPE RIGHT, W/INSULATION	1	PC	18.060 kg	EM		
		110	<b>X00041677</b>	EXHAUST PIPE	1	PC	11.373 kg	EM		
		120	<b>0001426857</b>	LAMELLAR RING	8	PC	27.100 g			
		130	<b>5241420580</b>	GASKET	12	PC	38.000 g			
		140	<b>X52614100012</b>	SPACER SLEEVE	24	PC	74.800 g			
		150	<b>000000003322</b>	HEX SCREW	24	PC	60.800 g	M 10 X 90		ISO4014
		160	<b>X54799100236</b>	SPACER SLEEVE FOR EXHAUST ELBOW	24	PC	91.800 g			
		170	<b>204014010040</b>	HEX SCREW	24	PC	77.000 g	M 10 X 115		ISO4014
		180	<b>X54799101193</b>	EXH PIPE BELLOWS	1	PC	4.000 kg			
		190	<b>X54799101192</b>	EXH PIPE BELLOWS	1	PC	3.500 kg			
		200	<b>X54999100182</b>	V-BAND CLAMP	2	PC	0.800 kg		Ø163,5	
		210	<b>X54799101207</b>	V-BAND CLAMP	2	PC	0.585 kg			
		220	<b>X54714100065</b>	GASKET FOR EXHAUST DUCTING	2	PC	193.300 g			
		230	<b>X54714100064</b>	GASKET FOR EXHAUST DUCTING	2	PC	189.300 g			
		240	<b>X54714100074</b>	INSULATION FOR EXHAUST DUCTING	1	PC	503.500 g	EM		
		250	<b>X54714100075</b>	INSULATION FOR EXHAUST DUCTING	1	PC	1.000 kg	EM		
		270	<b>000000003342</b>	PLUG	3	PC	0.015 kg	M 14 X 1,5		DIN908

EQUI TYPE: Engine

PRODUCT TYPE: 12V4000C65  
EXHAUST PIPE LEFT, W/INSULATION

SERIAL NUMBER: 5472000318

FG/FGS:

BOM-No.: X54714100134

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN
	10	X54714100133	EXHAUST PIPE LEFT	1	PC	14.500 kg	EM

EQUI TYPE: Engine

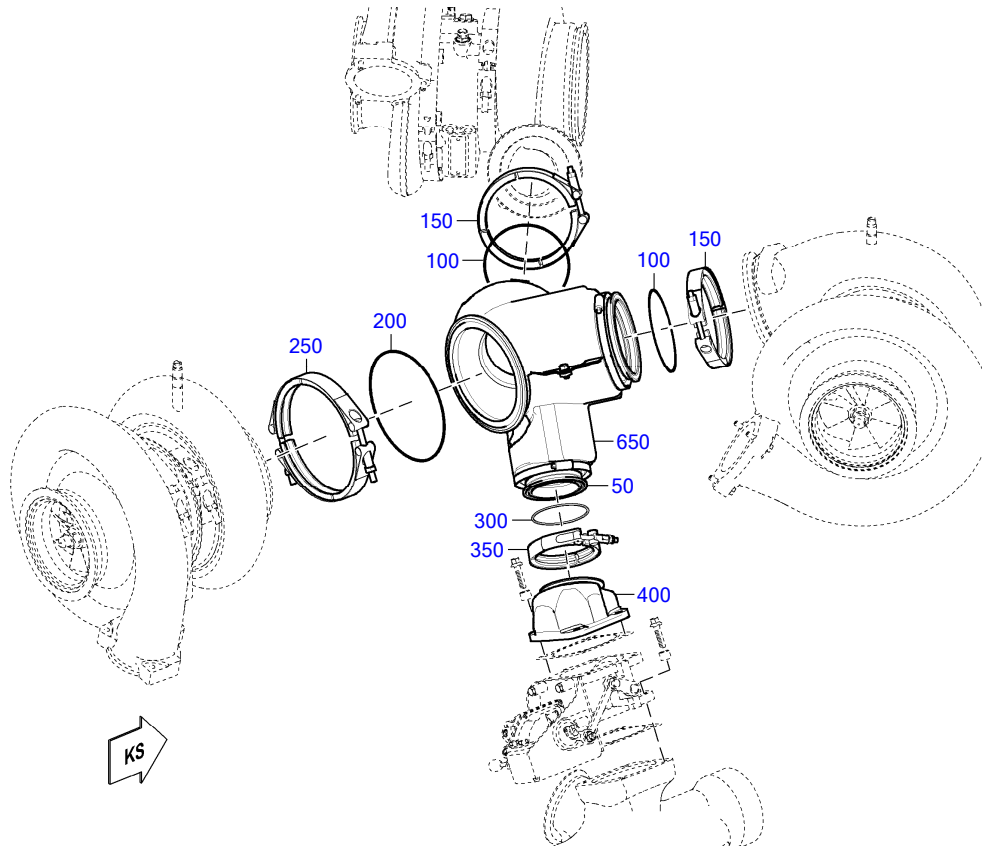
PRODUCT TYPE: 12V4000C65  
EXHAUST PIPE LEFT, W/INSULATION

SERIAL NUMBER: 5472000318

FG/FGS:

BOM-No.: X54714100136

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN
	10	X54714100135	EXHAUST PIPE LEFT	1	PC	17.300 kg	EM



14100509

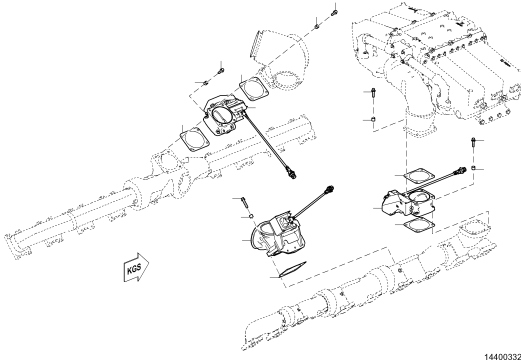
☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
	50	X54710300010	EXHAUST Y-PIPE TO/FROM TURBOCHARGE	1	PC	9.500 kg		
	100	X54714100065	GASKET FOR EXHAUST DUCTING	2	PC	193.300 g		
	150	X54999100182	V-BAND CLAMP	2	PC	0.800 kg		Ø163,5
	200	X54714100066	GASKET FOR EXHAUST DUCTING	1	PC	195.500 g		
	250	X54799100740	V-BAND CLAMP	1	PC	1.449 kg		
	300	X54714100063	GASKET FOR EXHAUST DUCTING	1	PC	186.100 g		
	350	X54799101206	V-BAND CLAMP	1	PC	0.479 kg		
	400	X54714100077	EXHAUST ELBOW W/INSULATION	1	PC	1.985 kg	EM	
	650	X54714100072	INSULATION FOR EXHAUST DUCTING	1	PC	1.600 kg	EM	

GROUP SEGMENT (FGS)

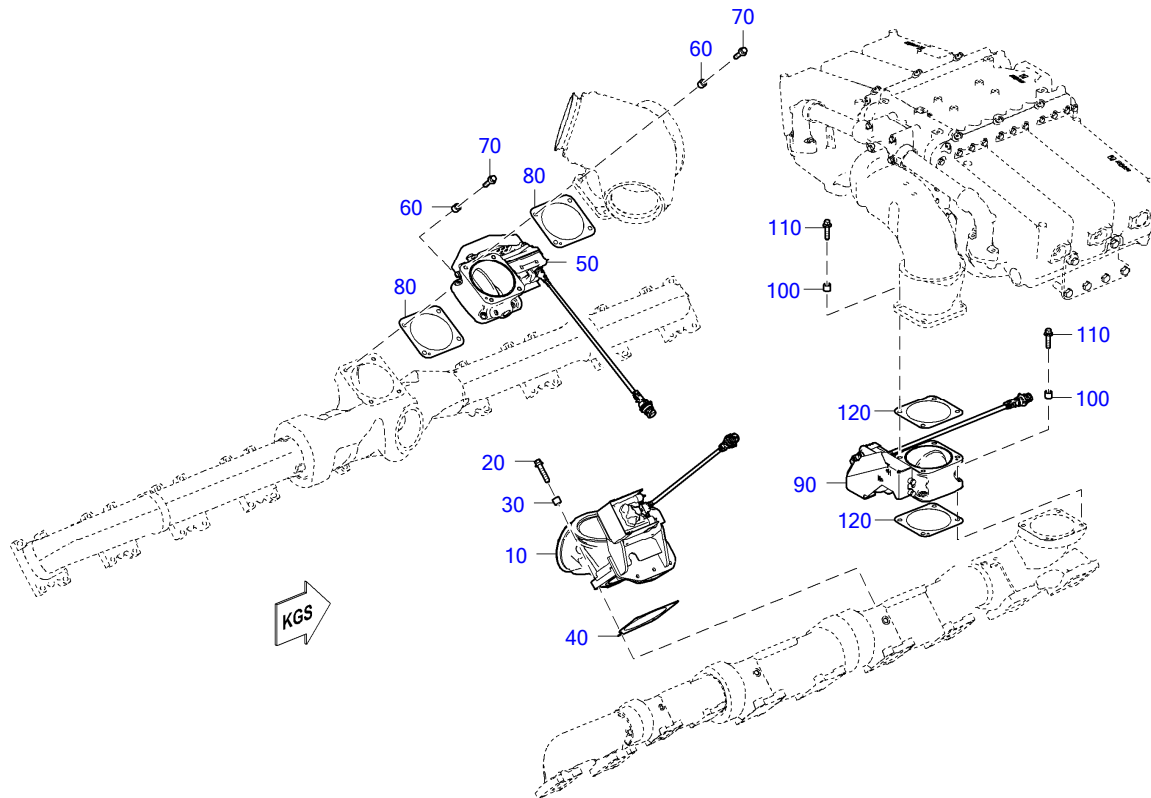
GROUP NAME

BOM-No.

05  
EXHAUST FLAP  
XS549140.00037

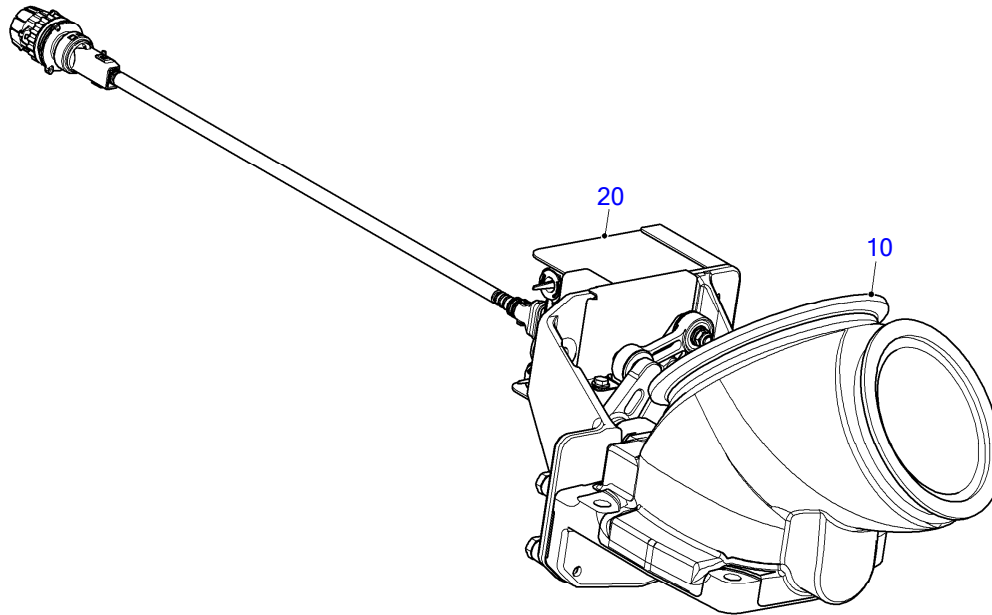


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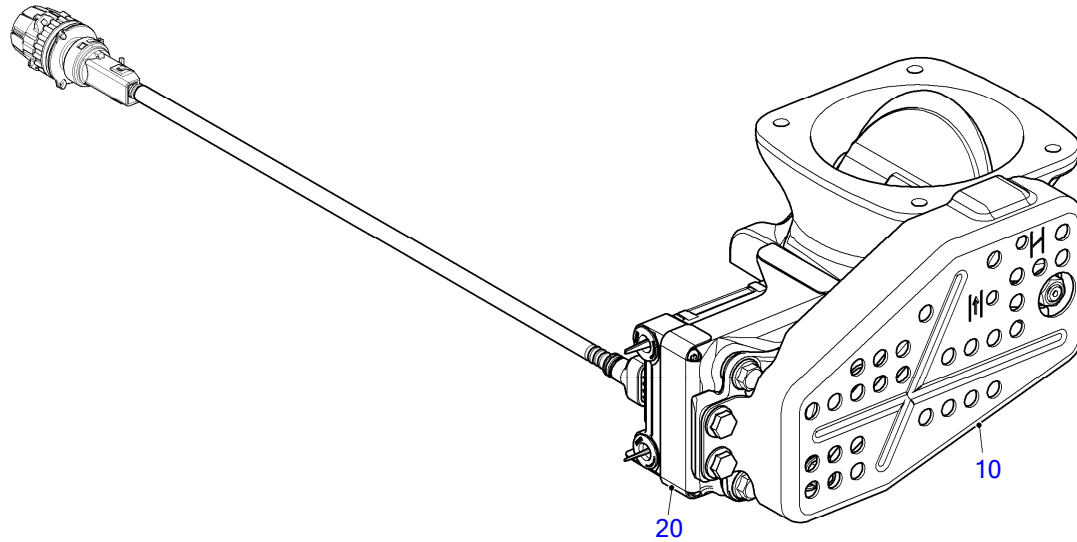
14400332

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
146	10	<b>X54714800302/B05</b>	EGR GENERATOR FLAP		1	PC	13.200 kg	EM	
	20	<b>5249900705</b>	BOLT HEX FLG		4	PC	43.000 g		M 10 X 50
	30	<b>X54799100090</b>	SPACER SLEEVE		4	PC	20.000 g		
	40	<b>X54714100080</b>	GASKET		1	PC	30.800 g		
147	50	<b>X54714800303</b>	EGR BYPASS FLAP		1	PC	8.500 kg	EM	
	60	<b>X54799100090</b>	SPACER SLEEVE		8	PC	20.000 g		
	70	<b>5249900605</b>	BOLT HEX CAP	BR 4000	8	PC	37.900 g		M 10 X 40
	80	<b>X54799100771</b>	GASKET		2	PC	24.400 g		
148	90	<b>X54714800304</b>	EGR SHUT-OFF FLAP		1	PC	8.500 kg	EM	
	100	<b>X54799100090</b>	SPACER SLEEVE		8	PC	20.000 g		
	110	<b>5249900605</b>	BOLT HEX CAP	BR 4000	8	PC	37.900 g		M 10 X 40
	120	<b>X54799100771</b>	GASKET		2	PC	24.400 g		



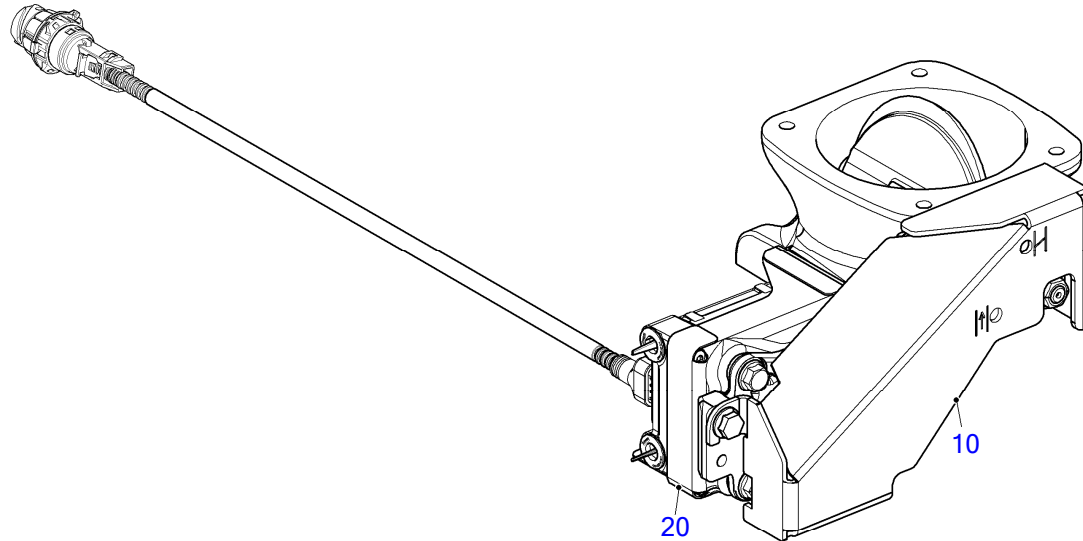
TD0000023256\_144

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT
	10	<b>XP54714800365</b>	ASSEMBLY KIT	GELENKSTANGE+EINZELTEILE	1	PC		
	20	<b>X00E50211072</b>	ACTUATOR	R244 CAN 7F 6,5NM 100GRD	1	PC	1.064 kg	MIT KUEHLKANALBESCHICHTUNG



TD0000022359\_144

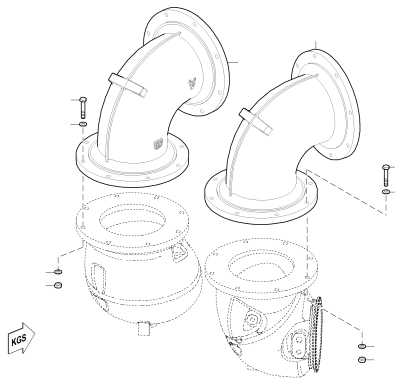
☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT
	10	<b>XP54714800364</b>	ASSEMBLY KIT	ABSCHIRMBLECH+GELENKSTANGE+ET	1	PC		
	20	<b>X00E50211072</b>	ACTUATOR	R244 CAN 7F 6,5NM 100GRD	1	PC	1.064 kg	MIT KUEHLKANALBESCHICHTUNG



TD0000022361\_144

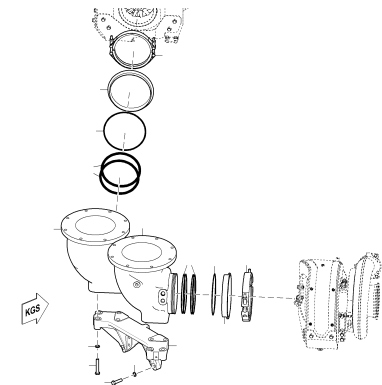
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	10	<b>XP54714800363</b>	ASSEMBLY KIT	ABSCHIRMBLECH+GELENKSTANGE+ET	1	PC		
	20	<b>X00E50211072</b>	ACTUATOR	R244 CAN 7F 6,5NM 100GRD	1	PC	1.064 kg	MIT KUEHLKANALBESCHICHTUNG

GROUP SEGMENT (FGS)  
GROUP NAME  
BOM-No.



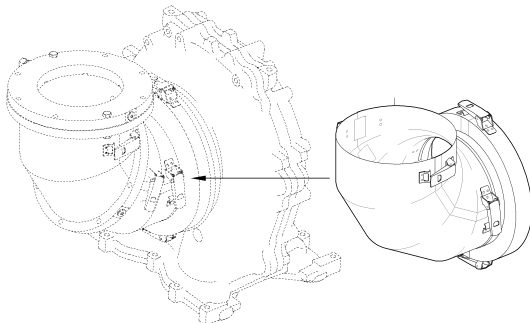
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05  
EXH.LINES AFTER ENG. HORIZONTAL  
XS547140.00103



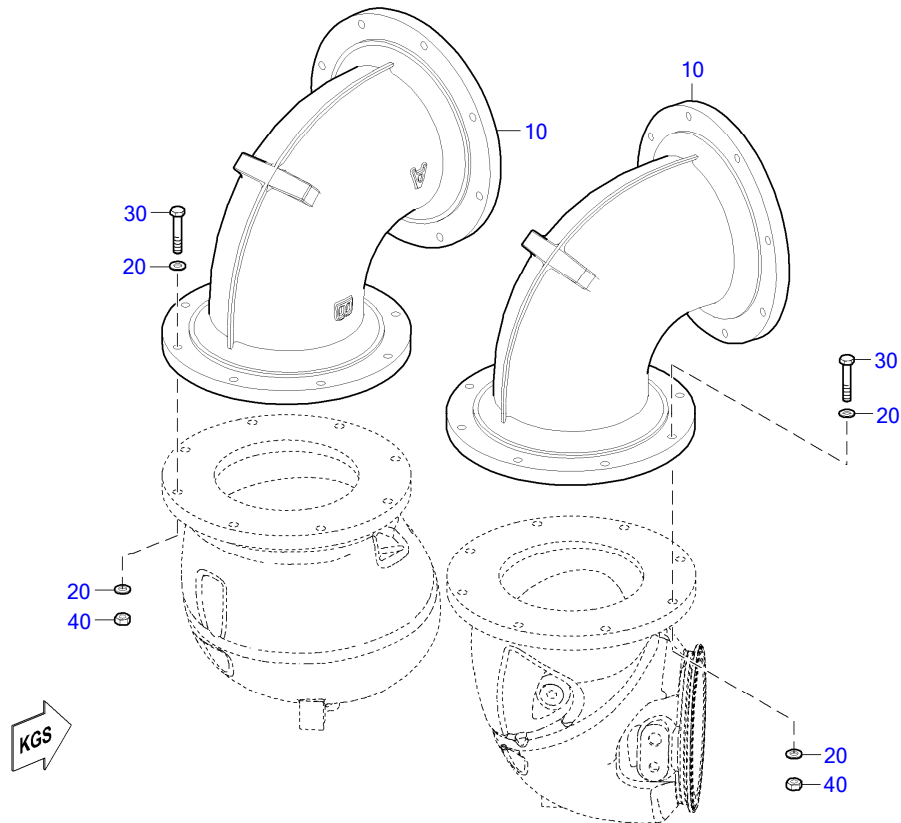
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EXH. LINES AFTER TC VERTICAL  
XS547140.00173



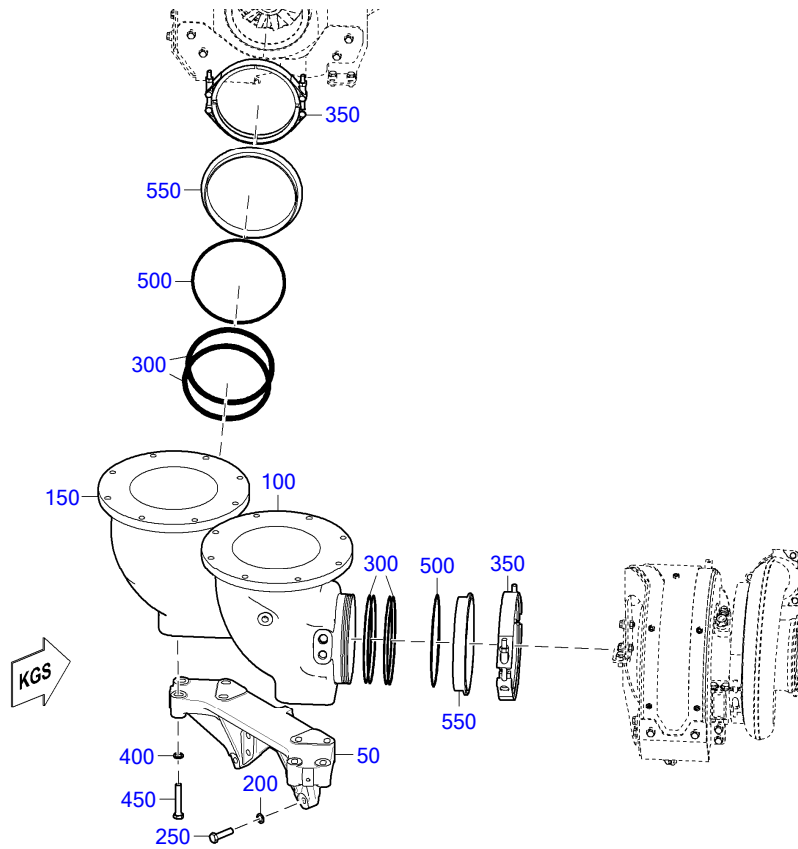
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05  
INSULATION FOR EXHAUST ELBOW  
XS594140.00011



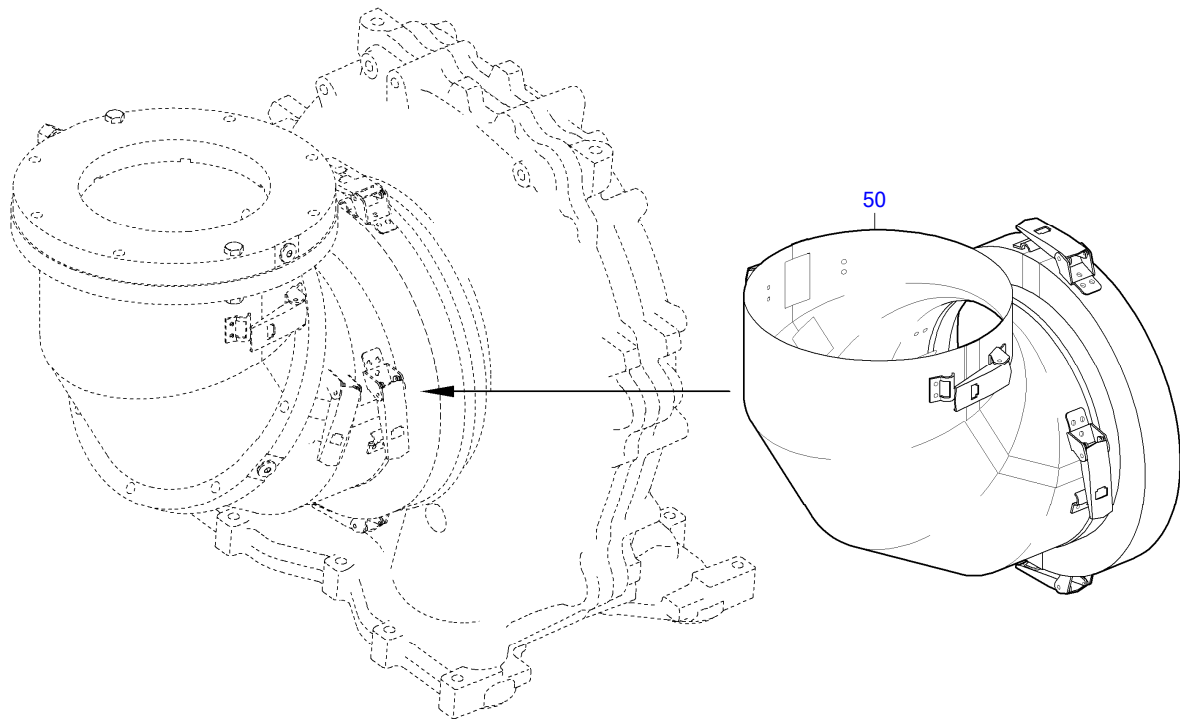
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☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	10	X59414500004	EXHAUST ELBOW 90° VERTICAL	2	PC	26.666 kg	EM		
	20	000125010524	WASHER	32	PC	3.100 g		A 10,5	DIN125
	30	000000003347	HEX SCREW	16	PC	37.500 g		M 10 X 55	ISO4017
	40	200934010000	NUT HEX	16	PC	10.400 g		M 10	DIN934



14100617

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	50	X54714300031	SUPPORT FOR EXHAUST ELBOW	1	PC	17.099 kg			
	100	X54714500076	EXHAUST ELBOW LEFT, W/INSULATION	1	PC	23.500 kg	EM		
	150	X54714500077	EXHAUST ELBOW RIGHT, W/INSULATION	1	PC	23.500 kg	EM		
	200	200433013001	WASHER	6	PC	2.600 g	13		DIN433
	250	204017012014	HEX SCREW	6	PC	45.000 g		M 12 X 45	ISO4017
	300	X54799100237	SEAL RING	8	PC	30.000 g			
	350	X54799100740	V-BAND CLAMP	2	PC	1.449 kg			
	400	200433013001	WASHER	8	PC	2.600 g	13		DIN433
	450	000000001710	HEX SCREW	8	PC	68.500 g		M 12 X 70	ISO4017
	500	X54714100066	GASKET FOR EXHAUST DUCTING	2	PC	195.500 g			
	550	X54799100904	COLLAR RING AFTER TURBINE	2	PC	659.300 g			
	560	000000003342	PLUG	1	PC	0.015 kg		M 14 X 1,5	DIN908



14500099a

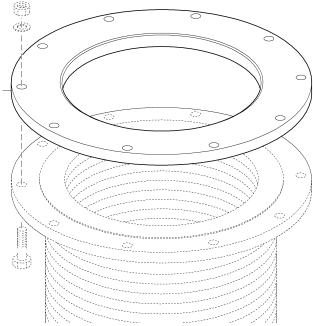
☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
	50	X52614500010	DIAGRAM EXH INSULATION 90 DEG VERTICAL	2	PC	4.346 kg

GROUP SEGMENT (FGS)

GROUP NAME

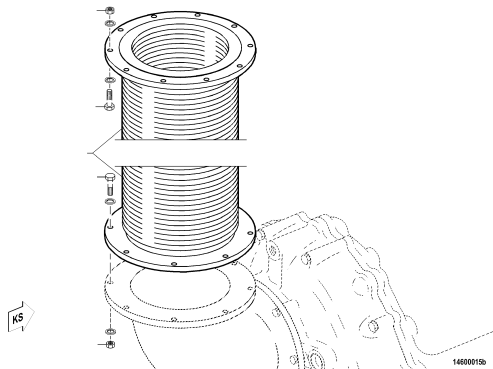
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05  
**FLANGE**  
140.00038

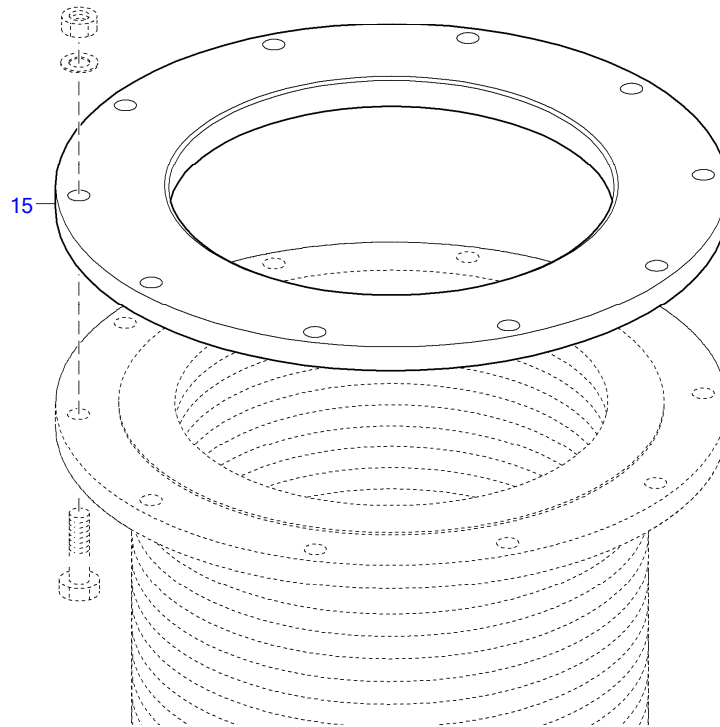


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05  
**EXH PIPE BELLOWS**  
XS594140.00004

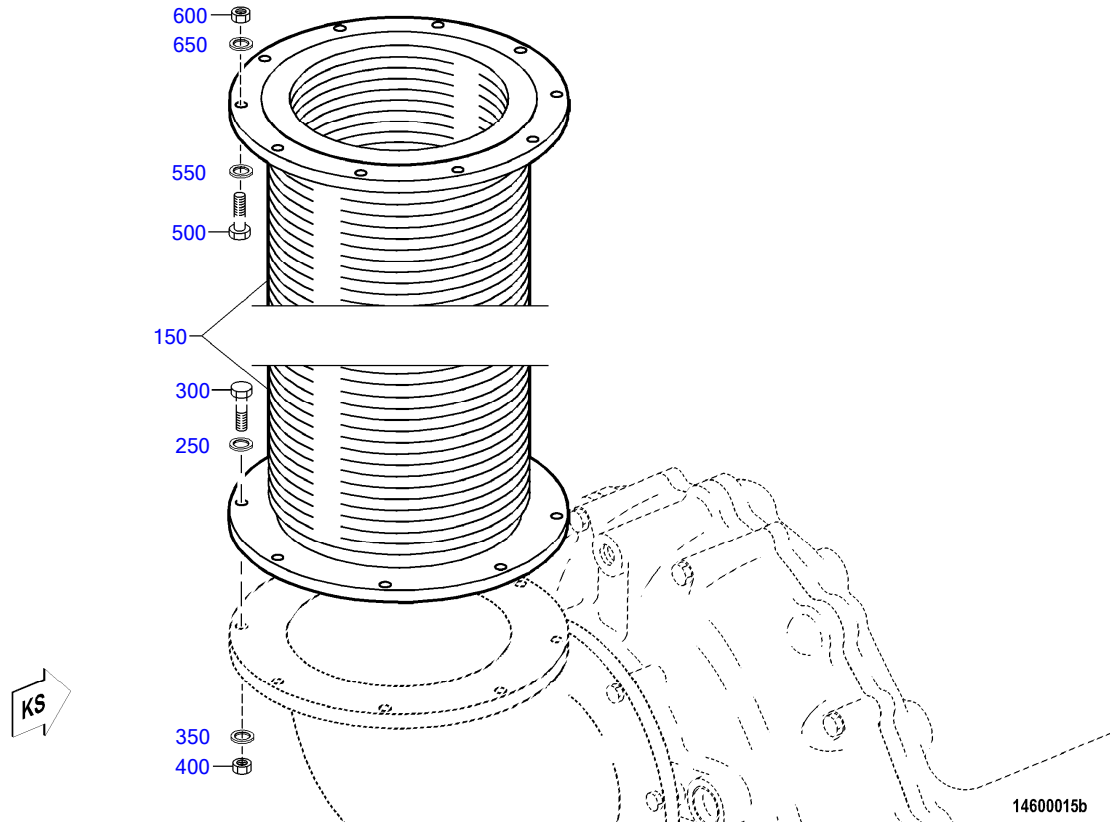


146000150



TD0000024004\_146

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
	15	5261420115	FLANGE	2	PC	4.200 kg

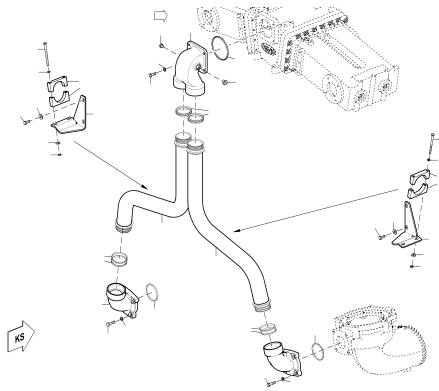


☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	150	0001400182/87	EXH PIPE BELLOWS WITH TEST CERT. 3.1	2	PC	14.388 kg		
	250	200433010500	WASHER	16	PC	1.900 g	10,5	DIN433
	300	200931010002	HEX SCREW	16	PC	38.000 g	M 10 X 50	DIN931
	350	200433010500	WASHER	16	PC	1.900 g	10,5	DIN433
	400	200934010000	NUT HEX	16	PC	10.400 g	M 10	DIN934
	500	200931010002	HEX SCREW	20	PC	38.000 g	M 10 X 50	DIN931
	550	200433010500	WASHER	20	PC	1.900 g	10,5	DIN433
	600	200934010000	NUT HEX	20	PC	10.400 g	M 10	DIN934
	650	200433010500	WASHER	20	PC	1.900 g	10,5	DIN433

GROUP SEGMENT (FGS)

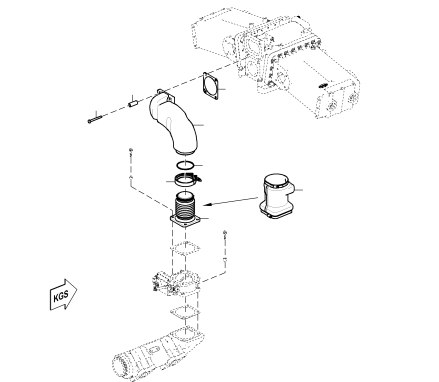
GROUP NAME

BOM-No.



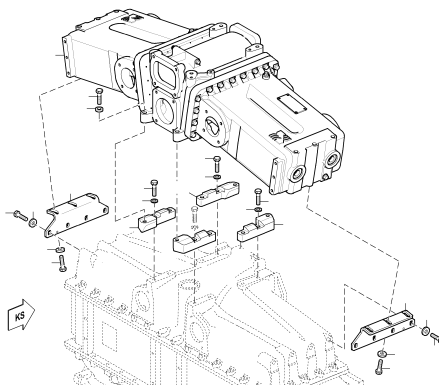
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EXHAUST SYSTEM AFTER EGR COOLER  
XS547140.00049



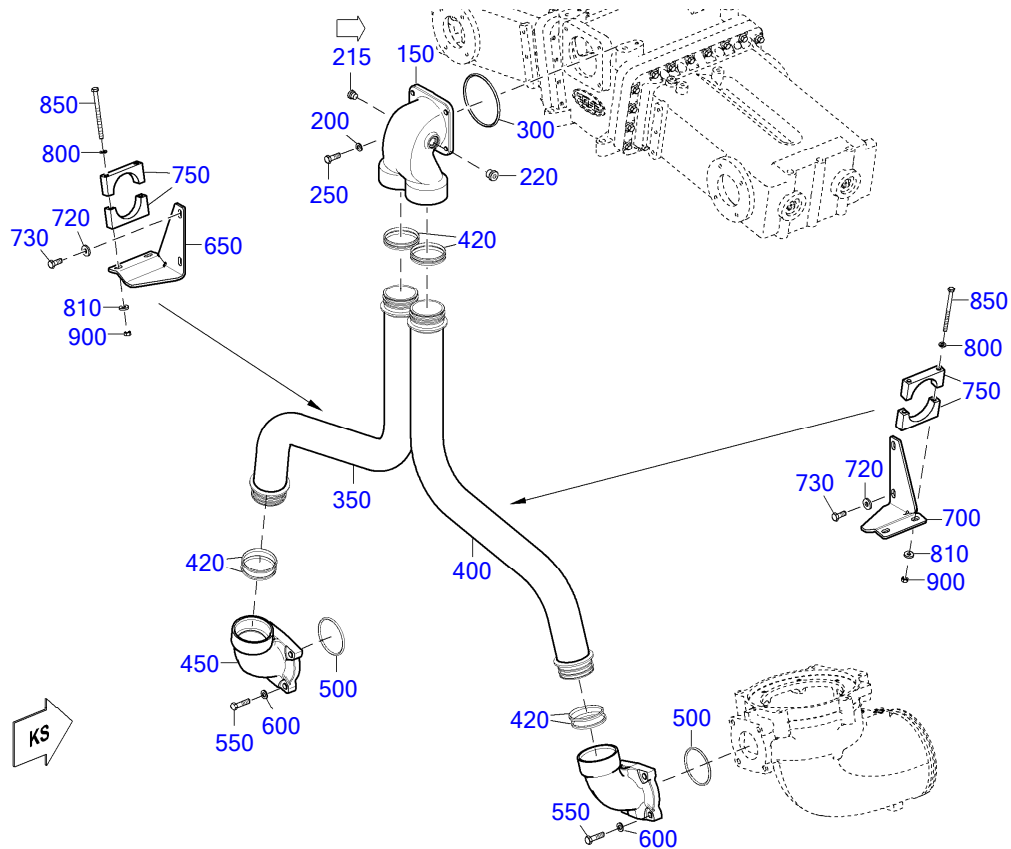
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EXHAUST SYSTEM BEFORE EGR COOLER  
XS547140.00072



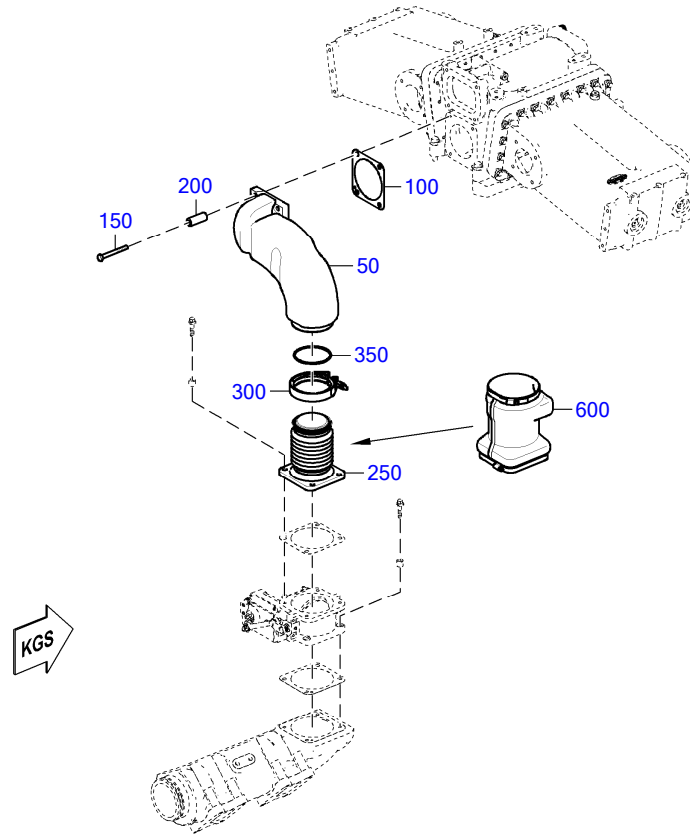
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EGR COOLER F.EXH.GAS RECIRC.  
XS547140.00200



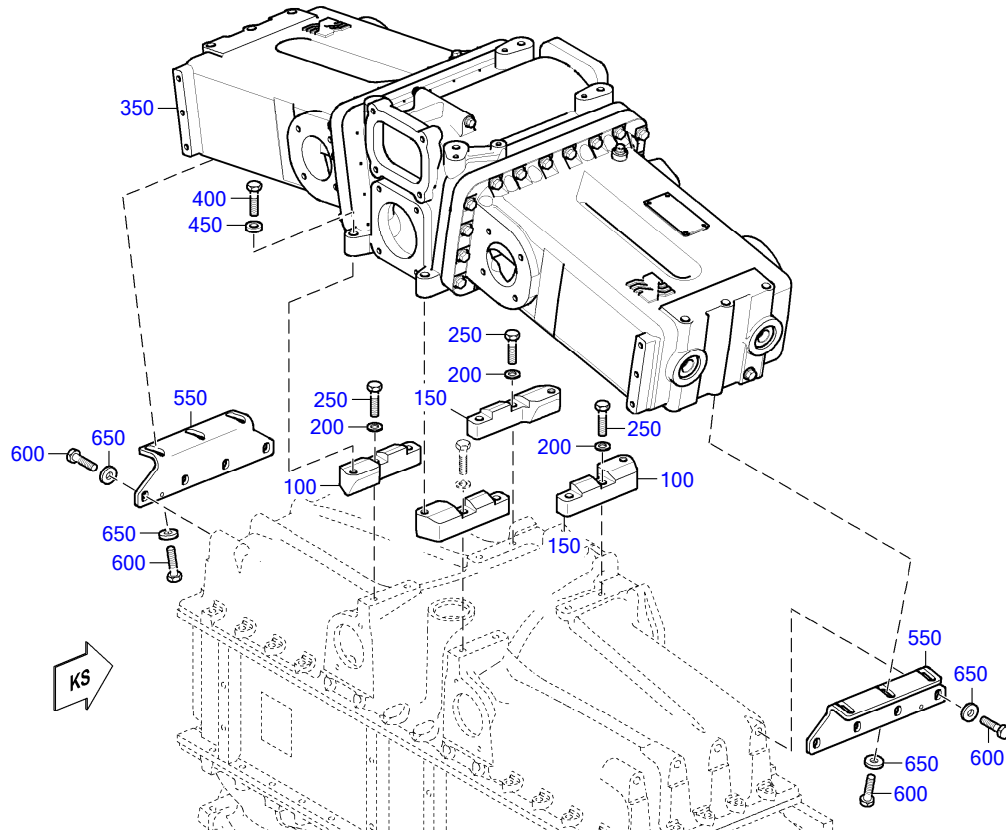
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☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	150	X54714800235	EGR ELBOW AFTER EGR COOLER	1	PC	5.300 kg	EM		
	200	000125010524	WASHER	4	PC	3.100 g	A 10,5		DIN125
38	215	735210014000	THREAD PLUG	1	PC	0.019 kg	M 14 X 1,5		MTN5210
	220	735210018000	PLUG	1	PC	0.036 kg	M 18 X 1,5		MTN5210
	250	000000001464	HEX SCREW	4	PC	24.900 g	M 10 X 30		ISO4017
	300	735254115000	O-RING	1	PC	13.800 g	115 X 5		MTN5254
	350	X54714800230	EGR PIPING AFTER EGR COOLER	1	PC	6.175 kg	EM	73X3	
	400	X54714800231	EGR PIPING AFTER EGR COOLER	1	PC	3.572 kg	EM	73X3	
	420	735254070000	O-RING	8	PC	8.700 g	70 X 5		MTN5254
	450	X54714800240	ELBOW AFTER EGR COOLER	2	PC	3.800 kg		180X170X120	
	500	735254080000	O-RING	2	PC	10.100 g	80 X 5		MTN5254
	550	000000001039	HEX SCREW	8	PC	29.800 g	M 10 X 40		ISO4017
	600	000125010524	WASHER	8	PC	3.100 g	A 10,5		DIN125
	650	X54714800236	RETAINER F.EXH.GAS RECIRC.	1	PC	1.100 kg		178X125X123	
	700	X54714800237	RETAINER F.EXH.GAS RECIRC.	1	PC	1.100 kg		178X125X123	
	720	000000004172	WASHER	4	PC	11.100 g	10,5		DIN7349
	730	000000003021	HEX SCREW	4	PC	22.800 g	M 10 X 25		ISO4017
	750	X54799100045	PIPE HALF-CLAMP	4	PC	377.400 g			
	800	000125008427	WASHER	4	PC	1.500 g	A 8,4		DIN125
	810	000000003331	WASHER	4	PC	7.700 g	8,4		DIN7349
	850	000931008257	HEX SCREW	4	PC	47.600 g	M 8 X115		DIN931
	900	000000002221	HEX NUT	4	PC	4.800 g	M 8		ISO4032



14800059

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	50	X54714800239	EXHAUST PIPE BEFORE EGR COOLER	1	PC	8.500 kg	EM		
	100	X54799100771	GASKET	1	PC	24.400 g			
	150	000000003322	HEX SCREW	4	PC	60.800 g		M 10 X 90	ISO4014
	200	X52614100012	SPACER SLEEVE	4	PC	74.800 g			
	250	X54799100554	EXH PIPE BELLOWS BEFORE EGR COOLER	1	PC	3.193 kg			
	300	X54799101206	V-BAND CLAMP	1	PC	0.479 kg			
	350	X54714100063	GASKET FOR EXHAUST DUCTING	1	PC	186.100 g			
	600	X54714100108	INSULATION FOR EXHAUST DUCTING	1	PC	0.502 kg	EM		

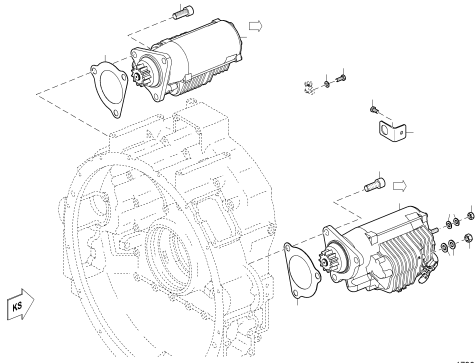


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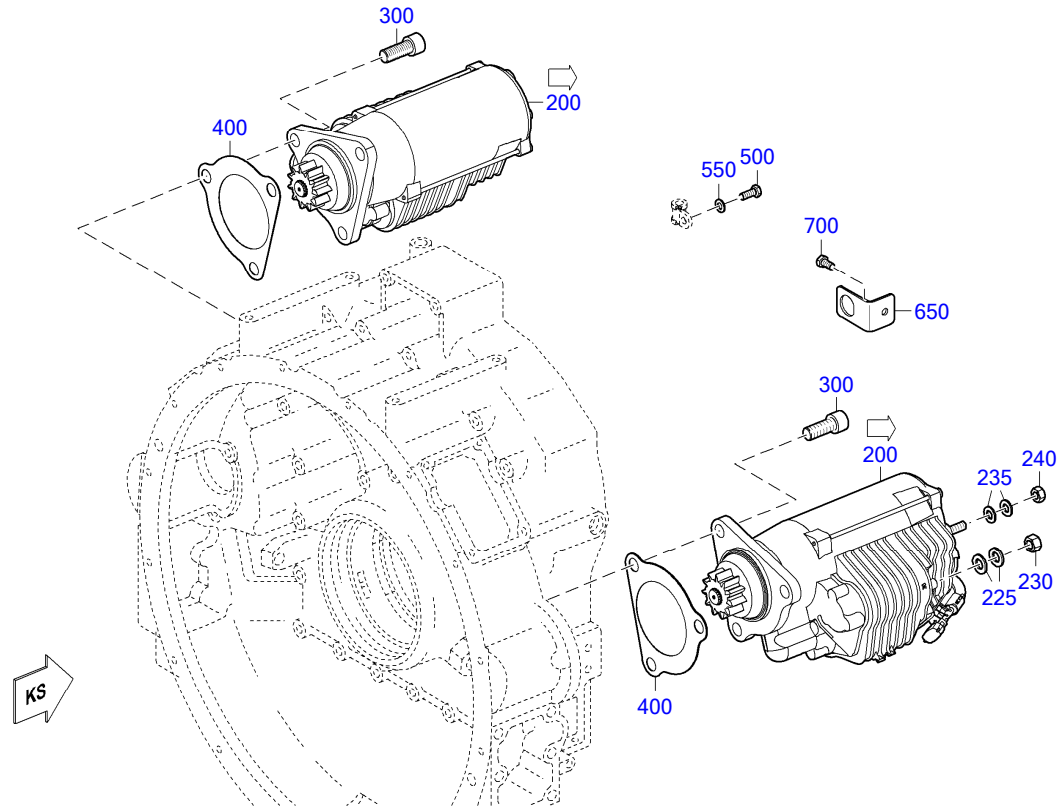
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	100	X54714800162	EGR MOUNTING FOR COOLER	2	PC	1.500 kg			
	150	X54714800163	EGR MOUNTING FOR COOLER	2	PC	1.500 kg			
	200	000125013012	WASHER	8	PC	5.600 g	A 13		DIN125
	250	000000003437	HEX SCREW	8	PC	50.800 g	M 12 X 50		ISO4017
	350	X54714800343	EGR COOLER F.EXH.GAS RECIRC.	1	PC	0.010 kg	EM		
	400	000000001040	HEX SCREW	4	PC	58.300 g	M 12 X 60		ISO4017
	450	735151012100	SPACER S2000/4000	4	PC	20.000 g	A 12,5		MTN5151
	550	X54714800170	EGR MOUNTING FOR COOLER	2	PC	1.500 kg			
	600	000000003917	HEX SCREW	14	PC	61.000 g	M 12 X 65		ISO4017
	650	007349013002	WASHER	14	PC	24.500 g	13		DIN7349

GROUP SEGMENT (FGS)  
GROUP NAME  
BOM-No.

05  
**ELECTRIC STARTER**  
XS526170.00030

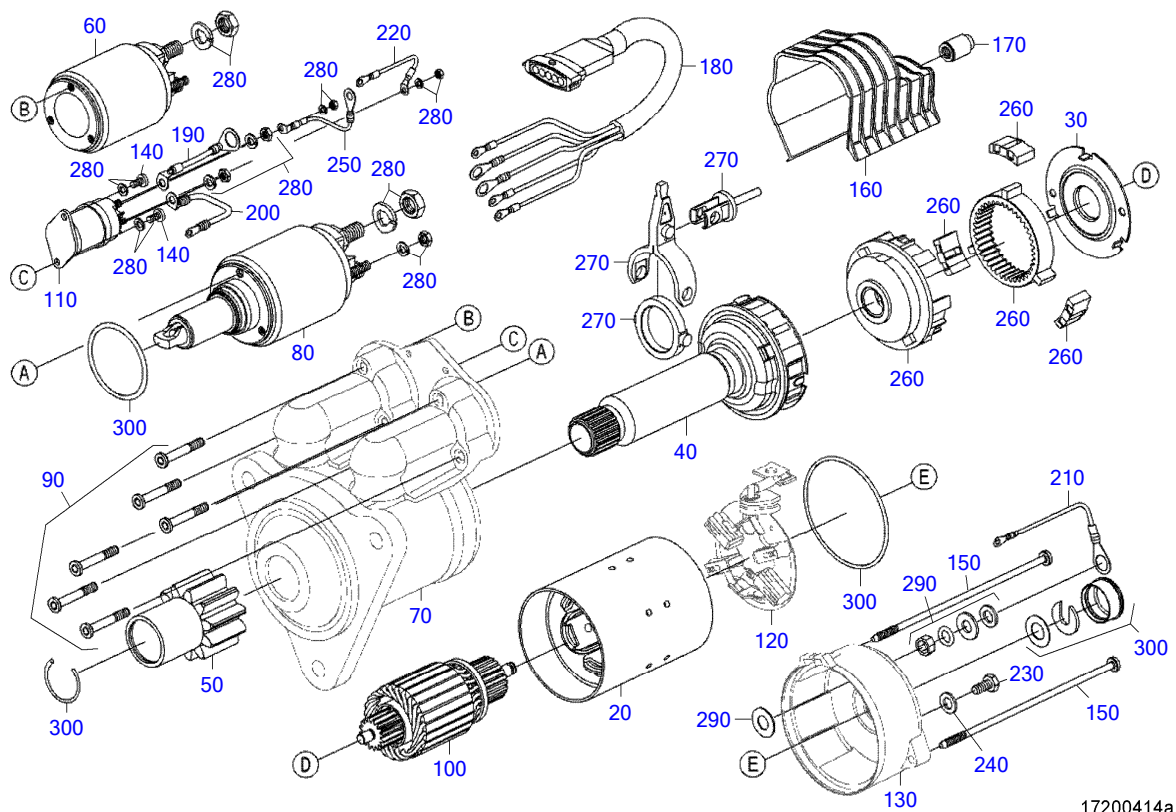


17200576



17200576

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
162	200	<b>X52417200001</b>	STARTER		2	PC	16.000 kg		
	225	<b>000125013012</b>	WASHER		4	PC	5.600 g	A 13	DIN125
	230	<b>000000004744</b>	HEX NUT		2	PC	14.300 g	M 12	ISO4032
	235	<b>000125010524</b>	WASHER		4	PC	3.100 g	A 10,5	DIN125
	240	<b>000000003187</b>	NUT HEX A3C		2	PC	9.200 g	M 10	ISO4032
	300	<b>000912016002</b>	BOLT HEX SOC HD		6	PC	90.000 g	M 16 X 40	DIN912
	400	<b>X52417200062</b>	SPACER PLATE		2	PC	0.063 kg		
	500	<b>304017008079</b>	HEX SCREW		5	PC	11.700 g	M 8 X 20	ISO4017
	550	<b>000125008427</b>	WASHER		5	PC	1.500 g	A 8,4	DIN125
	650	<b>5225460043</b>	BRACKET L H:49	12/16V2000SG	1	PC	75.000 g		
	700	<b>304017008077</b>	HEX SCREW		1	PC	10.500 g	M 8 X 16	ISO4017



17200414a

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	20	XP52417200024	HOUSING		1	PC			
	30	XP52417200025	COVER DISC		1	PC			
	40	XP52417200026	PLANETARY GEARING		1	PC	2.600 kg		
	50	XP52417200027	PINION		1	PC			
	60	XP52417200028	RELAY		1	PC	1.310 kg		
	70	XP52417200029	DRIVE-END BEARING		1	PC			
	80	XP52417200030	ENGAGEMENT RELAY		1	PC	1340.000 k		
	90	XP52417200031	COUNTERSUNK HD SCREW		1	PC	0.025 kg		
	100	XP52417200032	ARMATURE		6	PC			
	110	XP52417200033	RELAY		1	PC	0.230 kg		
	120	XP52417200034	COMMUTATOR BEARING		1	PC	8.000 kg		
	130	XP52417200035	BRUSH HOLDER		1	PC			
	140	XP52417200036	SCREW		3	PC			
	150	XP52417200037	FILLISTER SCREW		2	PC	0.036 kg		
	160	XP52417200038	PROTECTIVE CAP		1	PC	2.000 kg		
	170	XP52417200039	NUT	BEFESTIGUNGSTEIL	2	PC	7.200 g		
	180	XP52417200040	WIRING HARNESS		1	PC	0.035 kg		
	190	XP52417200041	ELECTRIC CABLE	M ANSCHLUSS, 60MM	1	PC	0.008 kg		
	200	XP52417200042	ELECTRIC CABLE	M ANSCHLUSS, 80MM	1	PC	0.008 kg		
	210	XP52417200043	ELECTRIC CABLE	M ANSCHLUSS, 135MM	1	PC	0.004 kg		
	220	XP52417200044	ELECTRIC CABLE	M ANSCHLUSS, 80MM	1	PC	0.008 kg		
	230	XP52417200045	PLUG		1	PC			
	240	XP52417200046	SEAL RING		1	PC		A10 X 13,5	DIN7603
	250	XP52417200047	ELECTRIC CABLE	M ANSCHLUSS, 100MM	1	PC	0.004 kg		
	260	XP52417200048	PARTS KIT	PLANETENGETRIE	1	PC	2.160 kg		


EQUI TYPE: Engine

PRODUCT TYPE: 12V4000C65  
STARTER

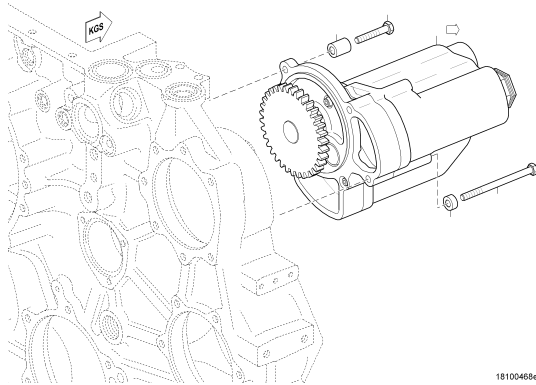
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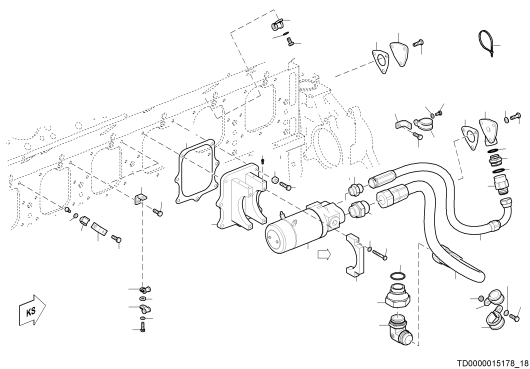
BOM-No.: X52417200001

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	270	XP52417200049	PARTS KIT	GABELHEBEL	1	PC			
	280	XP52417200050	PARTS KIT	ANSCHLUSSVERSCHRAUBUNG	1	PC	0.075 kg		
	290	XP52417200051	PARTS KIT	ISOLIERSCHEIBE	1	PC	0.013 kg		
	300	XP52417200052	PARTS KIT	VERSCHLEISSTEIL	1	PC	0.094 kg		

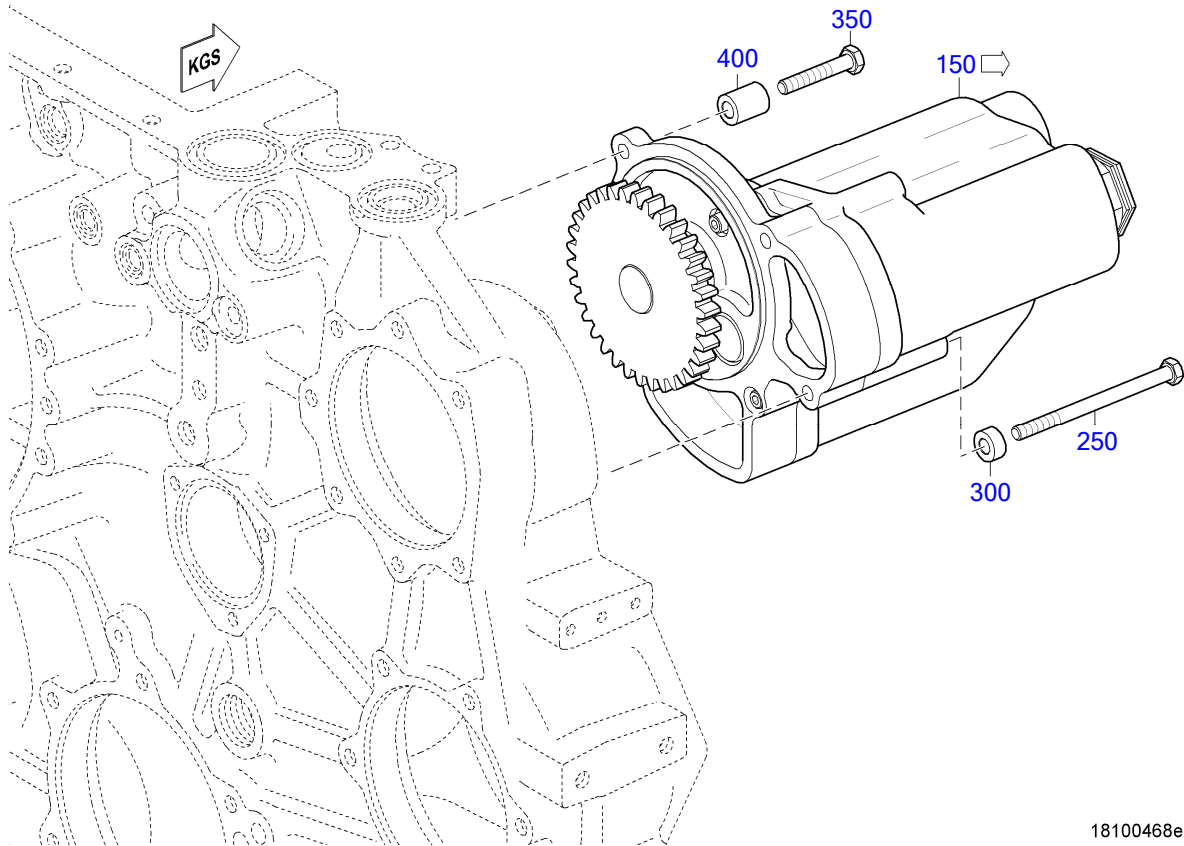
GROUP SEGMENT (FGS)  
GROUP NAME  
BOM-No.



05  
**OIL PUMP**  
XS527180.00010

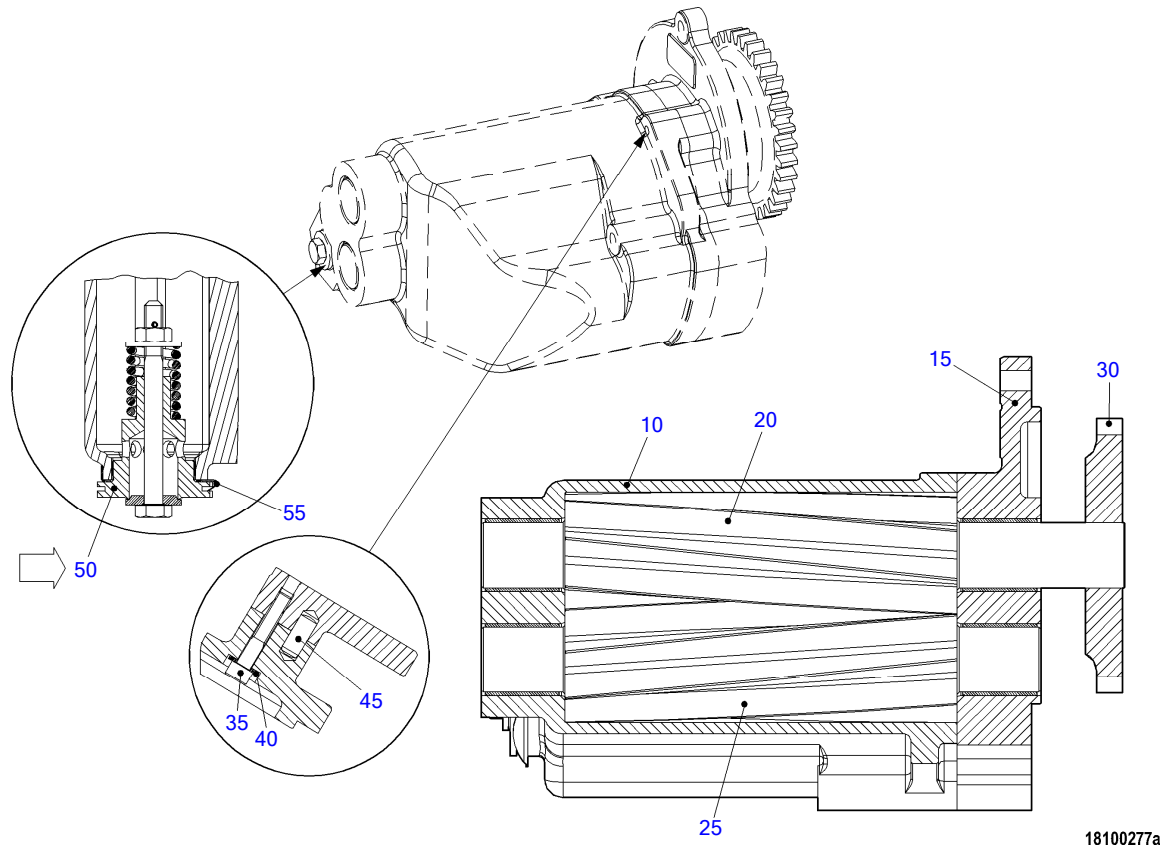


25  
**STARTING-PRELUBE**  
XS547180.00018



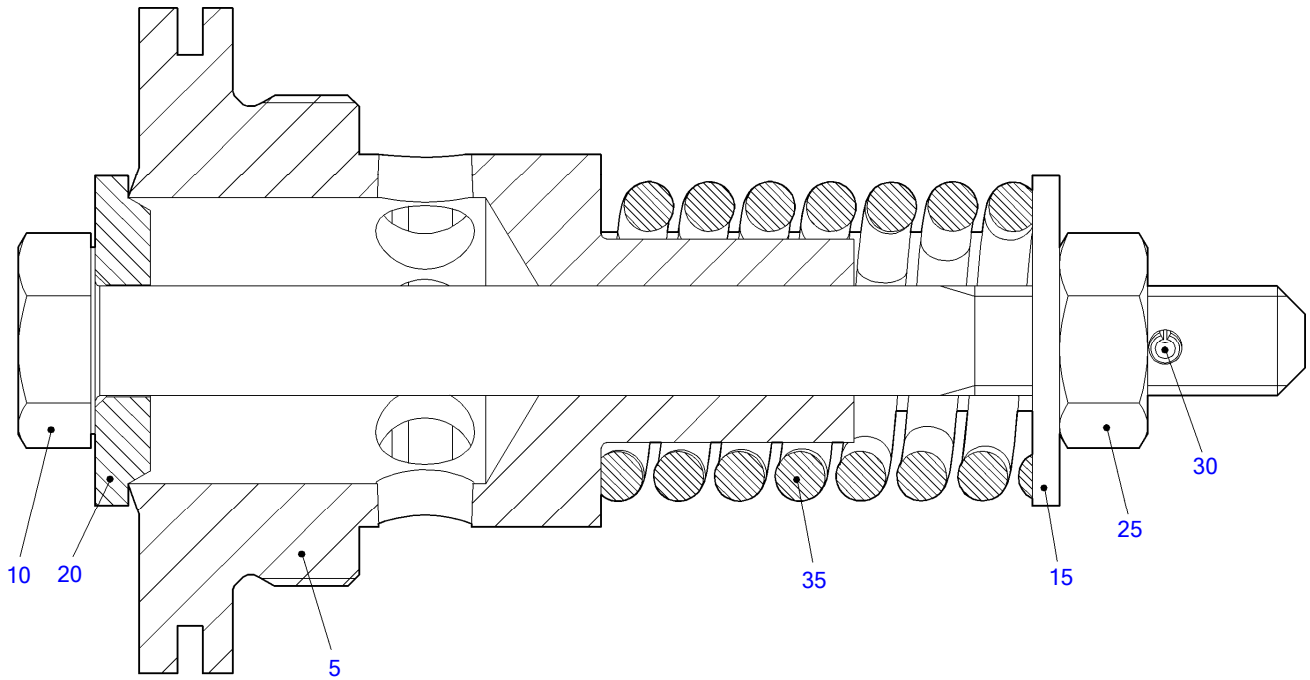
18100468e

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	165	150	<b>0021806201</b>	O/PUMP ASM	1	PC	28.000 kg		
		250	<b>304014010015</b>	HEX SCREW	3	PC	90.900 g	M 10 X140	ISO4014
		300	<b>735151010200</b>	SPACER S2000/4000	3	PC	22.100 g	B 10,5	MTN5151
		350	<b>304017010051</b>	HEX SCREW	1	PC	40.200 g	M 10 X 60	ISO4017
		400	<b>5241871853</b>	SPACER SLEEVE	1	PC	65.000 g	11MM X 22MM L=28	



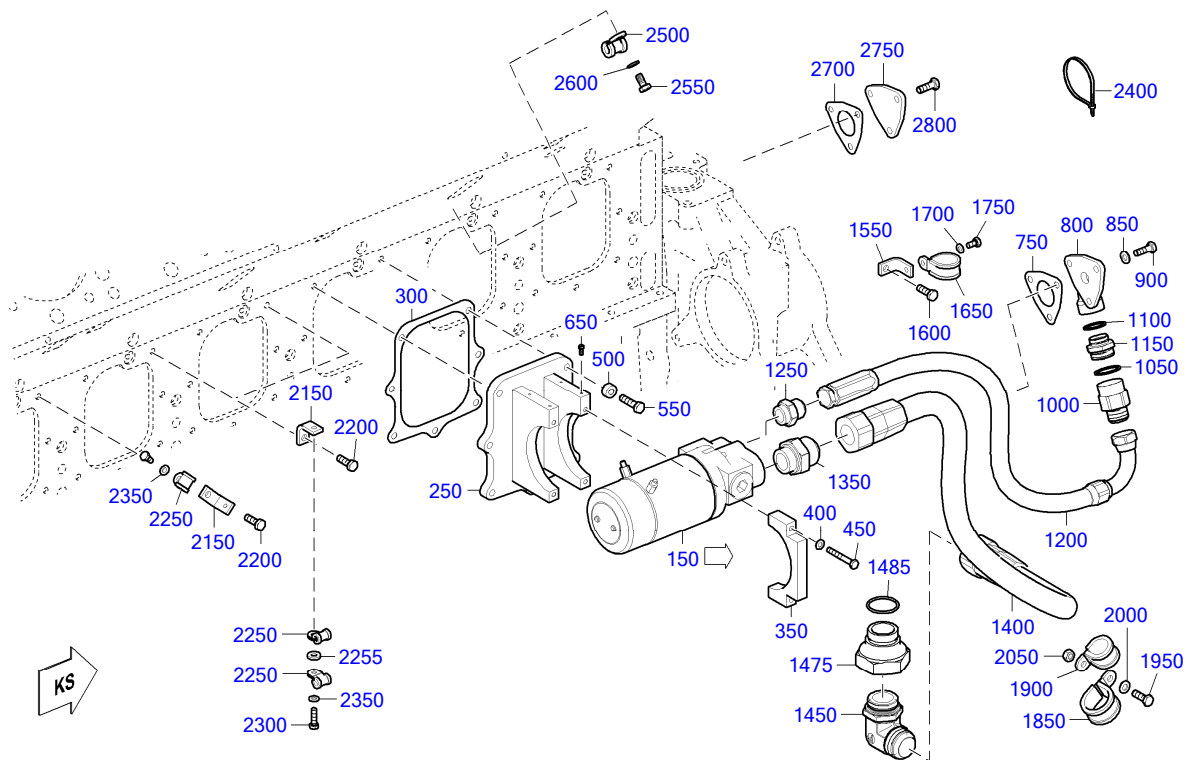
18100277a

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	10	Z=411923	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	22.000 g		M 8 X 45	DIN912
	40	206796008000	CONICAL SPR. WASHER	3	PC	2.800 g		8	DIN6796
	45	000007010130	DOWEL PIN	2	PC	15.800 g		10 M6 X 24	DIN7
166	50	Z=413549	VALVE	1	PC	530.000 g	EM		
	55	Z=409853	WASHER	1	PC	16.000 g			



18100278a

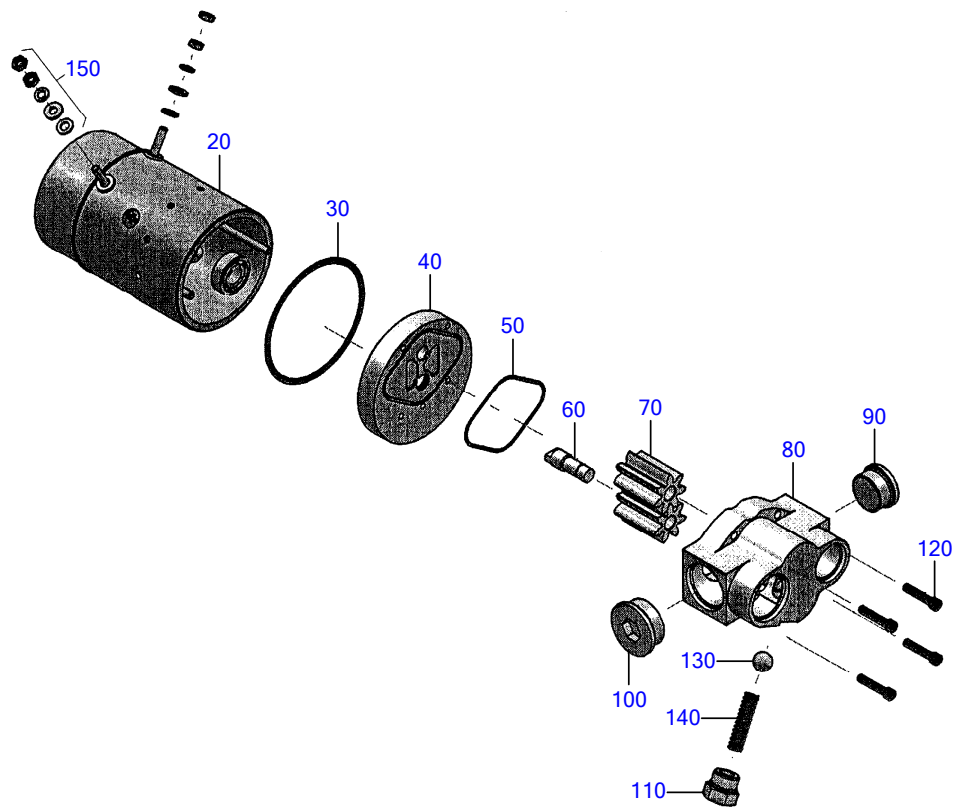
☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	5	Z=176215-2	VALVE SEAT	1	PC		AC		
	10	Z=176566-8	SCREW	1	PC		AC	M 10 X 110 -D3	
	15	Z=252593-9	WASHER	1	PC		AC	10,5	
	20	Z=406207	WASHER	1	PC		AC	D 10,2 X D30 X 5	
	25	000934010007	NUT HEX	1	PC	10.300 g		M 10	DIN934
	30	Z=253613-4	SPRING PIN	1	PC		AC	3 X 16	DIN1481
	35	Z=256397-1	PRESSURE SPRING	1	PC		AC		DIN17224



TD0000015178\_181

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	168	150	<b>X00026836</b>	PUMP HIGH VOLUME 24V MOTOR P4K-40 MTED	1	PC	9.100 kg		
		250	<b>X00036290</b>	COVER INSPECT PORT HALF CLAMP TUBE	1	PC	7.100 kg		
		300	<b>5240111380</b>	GASKET	1	PC	25.000 g		
		350	<b>X00036292</b>	CLAMP HALF TUBE	2	PC	648.300 g		
		400	<b>000125008427</b>	WASHER	4	PC	1.500 g	A 8,4	DIN125
		450	<b>304017008089</b>	HEX SCREW	4	PC	24.200 g	M 8 X 60	ISO4017
		500	<b>735151010200</b>	SPACER S2000/4000	7	PC	22.100 g	B 10,5	MTN5151
		550	<b>000000001039</b>	HEX SCREW	7	PC	29.800 g	M 10 X 40	ISO4017
		650	<b>000084005404</b>	SCREW	2	PC	2.500 g	M 5 X 12	DIN84
		750	<b>5241880180</b>	GASKET	1	PC	6.200 g	1X120X120	
		800	<b>X59618800017</b>	CONNECTING FLANGE FOR OIL PRIMING	1	PC	663.600 g		
		850	<b>000125010524</b>	WASHER	3	PC	3.100 g	A 10,5	DIN125
		900	<b>000000001464</b>	HEX SCREW	3	PC	24.900 g	M 10 X 30	ISO4017
		1000	<b>X59699100105</b>	NON-RETURN VALVE FOR OIL PRIMING	1	PC	285.000 g		
		1050	<b>007603036100</b>	SEALING RING	1	PC	1.600 g	A 36 X 42	DIN7603
		1100	<b>007603030100</b>	SEALING RING	1	PC	1.300 g	A 30 X 36	DIN7603
		1150	<b>X59699100143</b>	REDUCTION UNION	1	PC	118.900 g		
		1200	<b>BELV0314</b>	HOSE FOR OIL PRIMING PUM	1	PC	1.100 kg		
		1250	<b>23540206</b>	FITTING STRAIGHT #16 STO - #16 JIC	1	PC	205.800 g		
		1350	<b>23540205</b>	FITTING STRAIGHT #20 STO - #24 JIC	1	PC	487.500 g	20 STOR - 24 JIC	
		1400	<b>BGLL0343</b>	HOSE	1	PC	2.082 kg		
		1450	<b>X59699100097</b>	UNION FOR OIL PRIMING	1	PC	1.000 kg		
		1475	<b>X54799100903</b>	UNION FOR OIL PRIMING	1	PC	940.200 g	M48X2	
		1485	<b>700429044001</b>	O-RING	1	PC	3.200 g	44,04X 3,53	MMN429

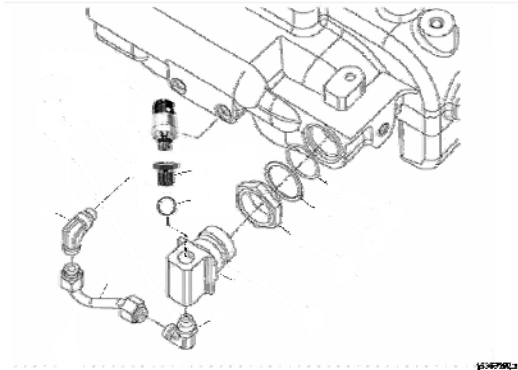
☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	1550	5551870640	BRACKET L H:51 S2000 /4000		1	PC	54.900 g		
	1600	000000001464	HEX SCREW		1	PC	24.900 g	M 10 X 30	ISO4017
	1650	916016035201	CLAMP		1	PC	43.000 g	BRSQU 35/20	N16016
	1700	000125008427	WASHER		1	PC	1.500 g	A 8,4	DIN125
	1750	304017008077	HEX SCREW		1	PC	10.500 g	M 8 X 16	ISO4017
	1850	0009952201	PIPE CLAMP		1	PC	73.000 g	42/25	N16016
	1900	916016030201	CLAMP		1	PC	60.000 g	BRSQU 30/25	N16016
	1950	000000001464	HEX SCREW		1	PC	24.900 g	M 10 X 30	ISO4017
	2000	000125010524	WASHER		1	PC	3.100 g	A 10,5	DIN125
	2050	000000003187	NUT HEX A3C		1	PC	9.200 g	M 10	ISO4032
	2150	5551870640	BRACKET L H:51 S2000 /4000		3	PC	54.900 g		
	2200	000000001464	HEX SCREW		3	PC	24.900 g	M 10 X 30	ISO4017
	2250	916016008202	CLAMP		6	PC	17.900 g	BRSQU 8/20	N16016
	2255	007349008002	WASHER		3	PC	7.900 g	8,4	DIN7349
	2300	204017008031	HEX SCREW		3	PC	14.300 g	M 8 X 28	ISO4017
	2350	000125008427	WASHER		3	PC	1.500 g	A 8,4	DIN125
	2400	0005312181	QUICK-CATCH CLAMP	TYH/TYB 25M	1	PC	1.000 g	186X4,8X1,1MM D=3,5-45MM	
	2500	916016012201	CLAMP		1	PC	21.000 g	BRSQU 12/20	N16016
	2550	304017008077	HEX SCREW		1	PC	10.500 g	M 8 X 16	ISO4017
	2600	000125008427	WASHER		1	PC	1.500 g	A 8,4	DIN125
	2700	5241880180	GASKET		1	PC	6.200 g	1X120X120	
	2750	5241880202	COVER		1	PC	335.000 g		
	2800	000000003020	HEX SCREW		3	PC	20.000 g	M 10 X 20	ISO4017



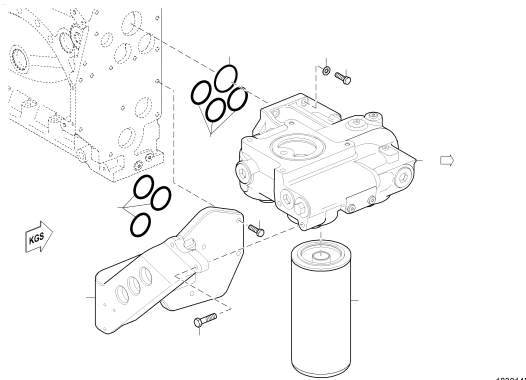
18100442b

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN
	20		ENGINE	BR 4000	1	PC		KE
	30	X00040072	GASKET	BR 4000	1	PC	130.000 g	
	40		PLATE	BR 4000	1	PC		KE
	50	X00040088	GASKET	BR 4000	1	PC	115.000 g	
	60		SHAFT	BR 4000	1	PC		KE
	70		GEAR	BR 4000	2	PC		KE
	80		HOUSING	BR 4000	1	PC		KE
	90	X00040119	PLUG	BR 4000	1	PC	110.000 g	AC
	100	X00040128	PLUG	BR 4000	1	PC	180.000 g	AC
	110	X00040129	PLUG	BR 4000	1	PC	65.000 g	AC
	120	X00040130	SCREW	BR 4000	4	PC		AC
	130	X00040131	BALL	BR 4000	1	PC		AC
	140	X00040111	PRESSURE SPRING	BR 4000	1	PC	7.000 g	
	150	X00040113	CONNECTING HARDWARE	BR 4000	2	PC		

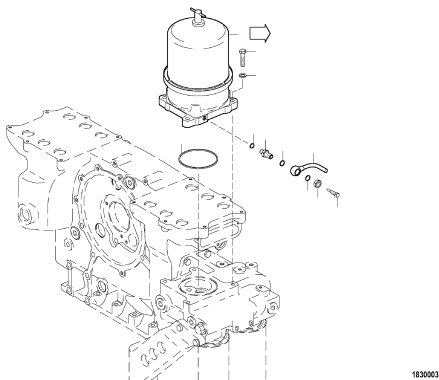
GROUP SEGMENT (FGS)  
GROUP NAME  
BOM-No.



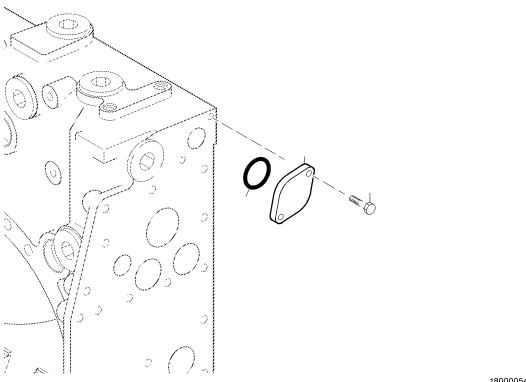
05  
**DIFF-PRESS-CONTROL AT OILFIL-HOUSING**  
XS594180.00056



05  
**SAFETY OIL FILTER W/SUPPORT**  
XS594180.00123



10  
**CENTRIFUGAL OIL FLTR**  
XS524180.00008



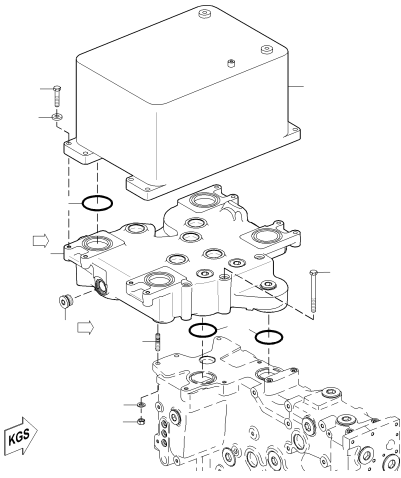
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**SEAL ELEM. F/COOLANT DISTR. HS**  
180.00268

GROUP SEGMENT (FGS)

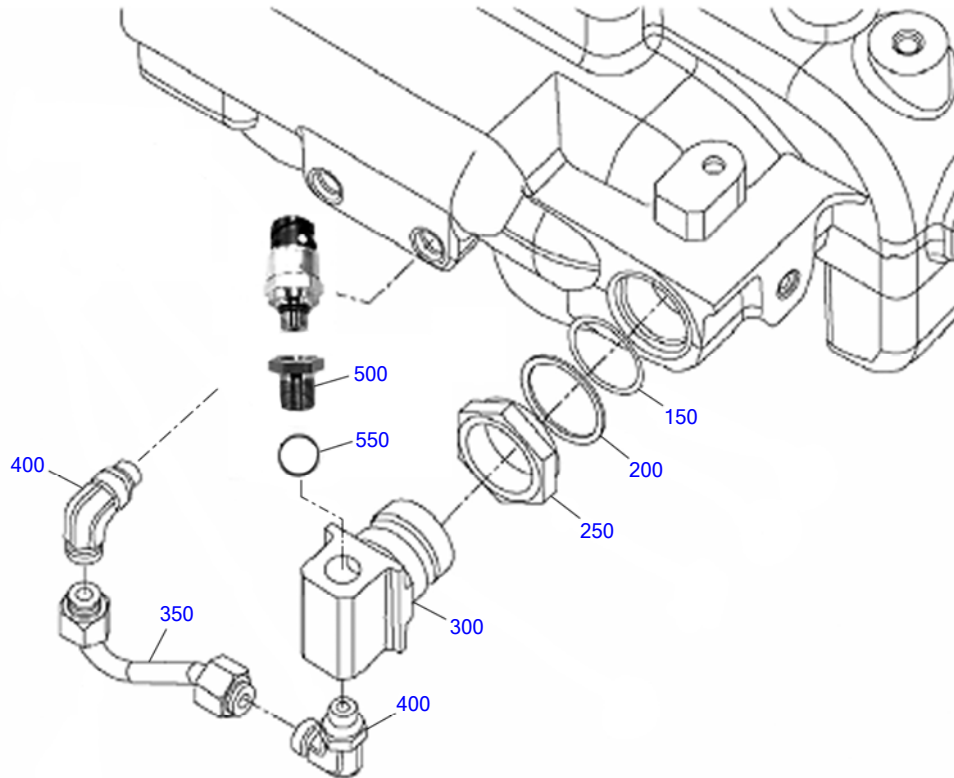
GROUP NAME

BOM-No.

15  
OIL HEAT EXCHANGER  
X00028458

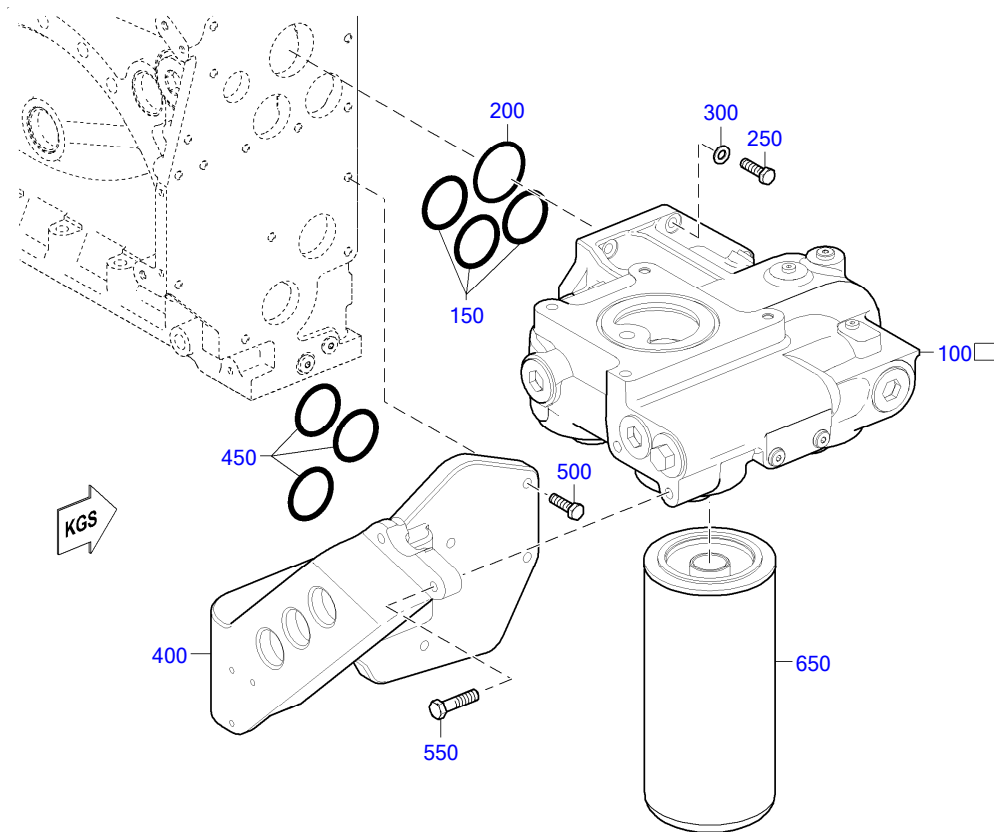


16300721d



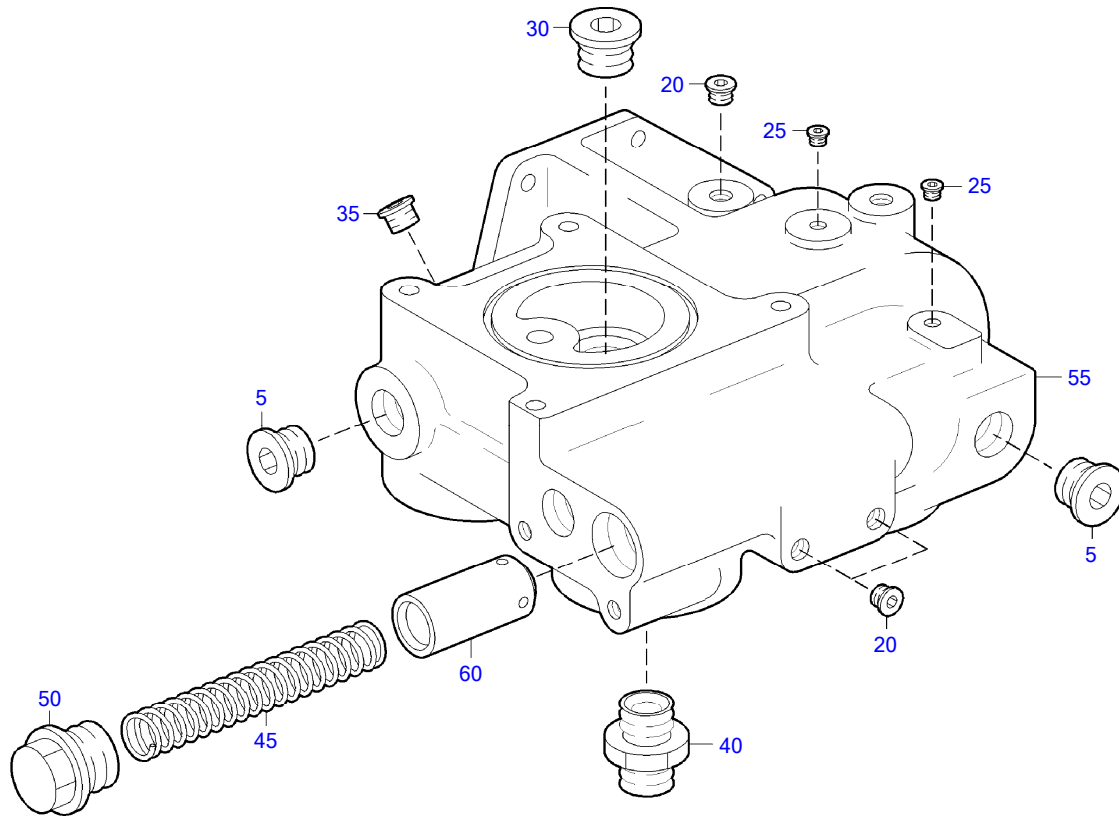
18300902a

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	150	5319970245	SEALING RING		1	PC	1.900 g	38.6 ID X 2.9	
	200	23526379	WASHER		1	PC	6.500 g		
	250	23526378	NUT OIL FILTER SENSOR		1	PC	90.000 g		
	300	23526375	ADAPTER OIL FILTER SENSOR		1	PC	676.900 g		
	350	23526377	TUBE OIL FILTER ALERT SYSTEM		1	PC	108.800 g		
	400	5319975772	FITTING ELBOW ORS PARKER 6M14C870ML		2	PC	85.100 g		
	500	5069971416	BUSHING THREADED	8/12V183TE02/93	1	PC	27.300 g		
	550	007603018101	COPPER SEALING RING		1	PC	1.300 g	A 18 X 22	DIN7603



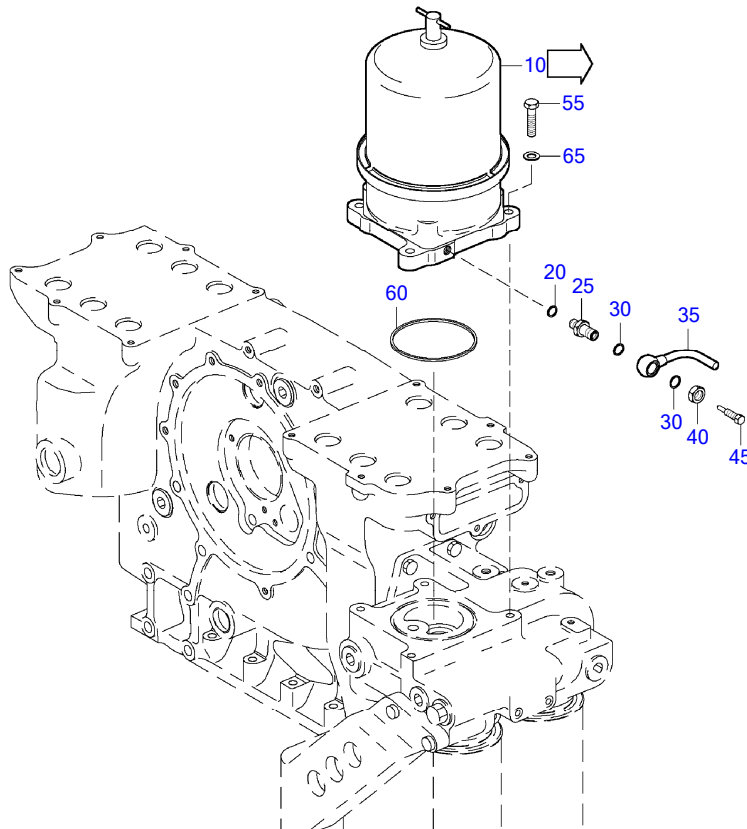
18301454

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
172	100	<b>5241800811</b>	FILTER HOUSING	1	PC	27.700 kg		
	150	<b>700429058001</b>	O-RING	3	PC	6.000 g	58 X 4	MMN429
	200	<b>700429065000</b>	O-RING	1	PC	5.800 g	65 X 4	MMN429
	250	<b>204017010017</b>	HEX SCREW	7	PC	27.500 g	M 10 X 35	ISO4017
	300	<b>000125010524</b>	WASHER	7	PC	3.100 g	A 10,5	DIN125
	400	<b>X59418400023</b>	RETAINER	1	PC	23.000 kg		
	450	<b>700429058001</b>	O-RING	3	PC	6.000 g	58 X 4	MMN429
	500	<b>204017010017</b>	HEX SCREW	5	PC	27.500 g	M 10 X 35	ISO4017
	550	<b>000000003437</b>	HEX SCREW	2	PC	50.800 g	M 12 X 50	ISO4017
	650	<b>5241840501</b>	FLTR ELEMENT SPIN ON LUBE OIL FULL FLOW	4	PC	2.000 kg		



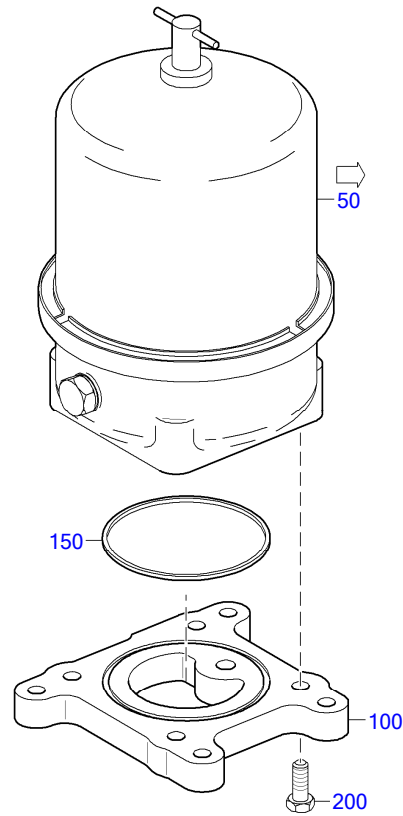
18300335a

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	5	5319970132	PLUG		3	PC	0.203 kg	M42X2	
38	20	735210014000	THREAD PLUG		5	PC	0.019 kg	M 14 X 1,5	MTN5210
	25	5319971832	PLUG	BR2000	3	PC	0.008 kg		
	30	5319970332	PLUG		2	PC	0.140 kg	M33X2	
	35	735210018000	PLUG		1	PC	0.036 kg	M 18 X 1,5	MTN5210
	40	5241840168	CONNECTOR OIL FLTR ADAP 59.8LG M36X1.5		4	PC	120.000 g		
	45	5249930301	SPRING		1	PC	1.000 g		
	50	5241840256	PLUG		1	PC	167.000 g		
	55	5241840902	ADAP HSG OIL FLTR VERTICAL W/45DEG BOSS		1	PC			
	60	23526690	VALVE	BR4000	1	PC	274.500 g		



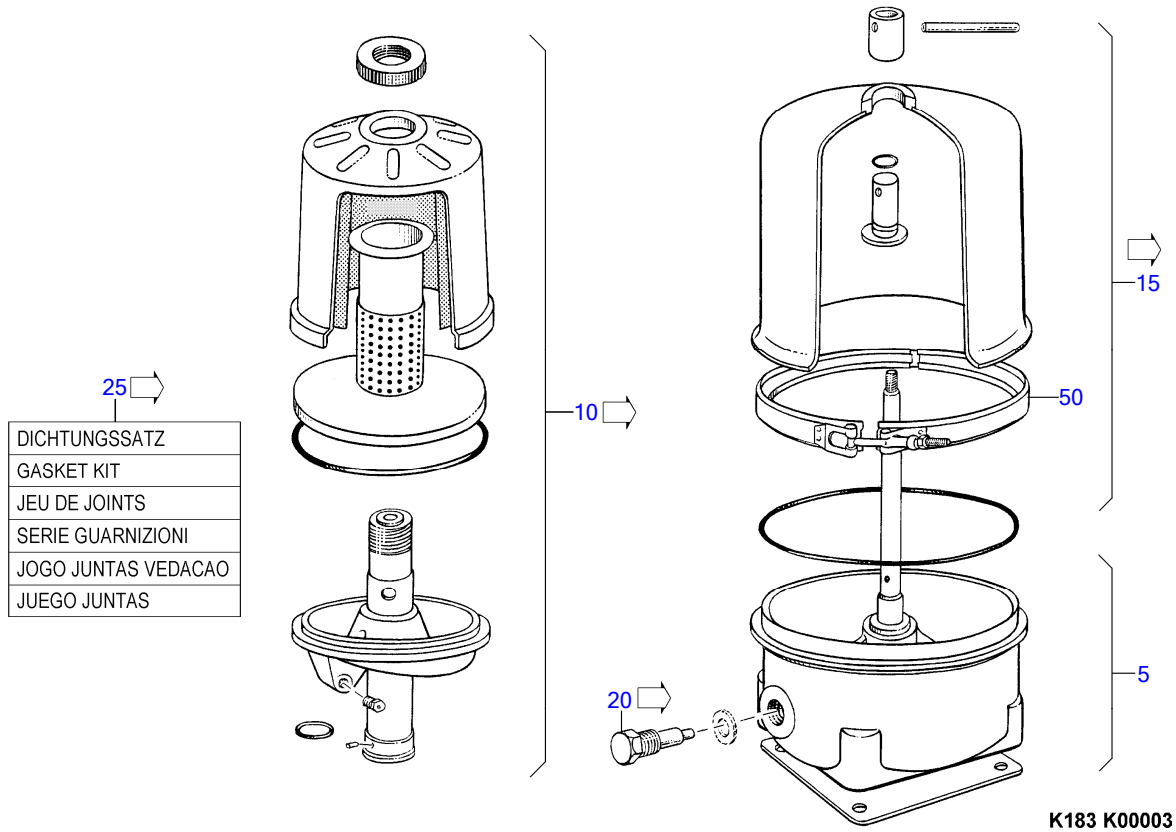
18300035a

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	174	10	<b>X52418300026</b>	CENTRIFUGAL OIL FLTR	1	PC	10.900 kg		
		20	<b>007603014102</b>	COPPER SEALING RING	1	PC	1.000 g	A 14 X 18	DIN7603
		25	<b>5849972672</b>	UNION	1	PC	63.100 g		
		30	<b>007603016105</b>	COPPER SEALING RING	2	PC	3.000 g	A 16 X 20	DIN7603
		35	<b>5241802019</b>	TUBE ASM SOL OIL SUPPLY	1	PC	70.000 g	SB	
		40	<b>000439016200</b>	NUT M16 04-2 DIN439	1	PC	20.000 g	B M 16	DIN439
		45	<b>5849900615</b>	BOLT SPL M10 1.00X40 TO M6 0.2 8.8	1	PC	20.000 g		
		55	<b>000000003437</b>	HEX SCREW	4	PC	50.800 g	M 12 X 50	ISO4017
		60	<b>700429122001</b>	O-RING	1	PC	9.500 g	122 X 3,75	MMN429
		65	<b>000125013012</b>	WASHER	4	PC	5.600 g	A 13	DIN125

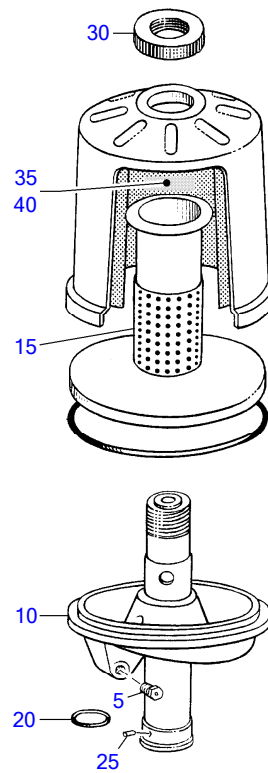


18301018a

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
175	50	<b>X52418300028</b>	CENTRIFUGAL OIL FLTR		1	PC			
	100	<b>5241840509</b>	ADAPTER 2 LITER CENTRIFUGAL SPINNER	BR 4000	1	PC	1.550 kg		
	150	<b>700429122001</b>	O-RING		1	PC	9.500 g	122 X 3,75	MMN429
	200	<b>11509528</b>	BOLT PHOS HEX FLG LRG		4	PC	50.200 g	M12X1,75X30	

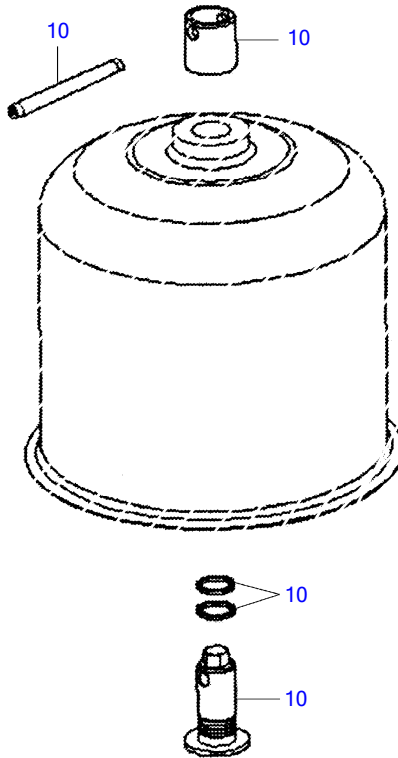


□	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
	5	23540299	BODY ASM CENTRIFUGAL SPINNER OIL FLTR	1	PC	5.750 kg
176	10	8691840027	ROTOR COMPLETE	1	PC	3.300 kg
177	15	8691840028	COVER	1	PC	2.500 kg
178	20	8691840019	VALVE	1	PC	230.500 g
179	25	23540304	GASKET KIT	1	PC	71.400 g
	50	XP52499100226	V-BAND CLAMP	1	PC	1.100 kg



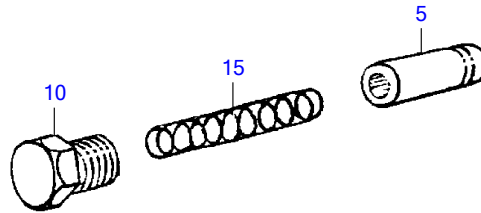
K183 K00005

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT
	5	5241871136	NOZZLE ROTOR ASM CNTRIFSPINNER FLTR	1	PC	3.100 g	
	10	5241870018	TUBE ASM	1	PC	818.000 g	
	15	5241870601	STAND TUBE ROTOR ASM CNTRIFSPINNER FLTR	1	PC	271.000 g	
	20	5241870033	CIRCLIP	1	PC	5.200 g	
	25	5241870074	PIN	1	PC	3.000 g	
	30	5241870072	NUT ROTOR COVER CENTRIFUGAL SPINNER FLTR	1	PC	186.000 g	
	35	8591840001	PAPER PACK CENTRIFUGAL SPINNER FILTER	1	PC	11.400 g	1 ST. GLEICH 1 PAPIERSTREIFEN
	40	5241870147	PLATE	1	PC	50.000 g	



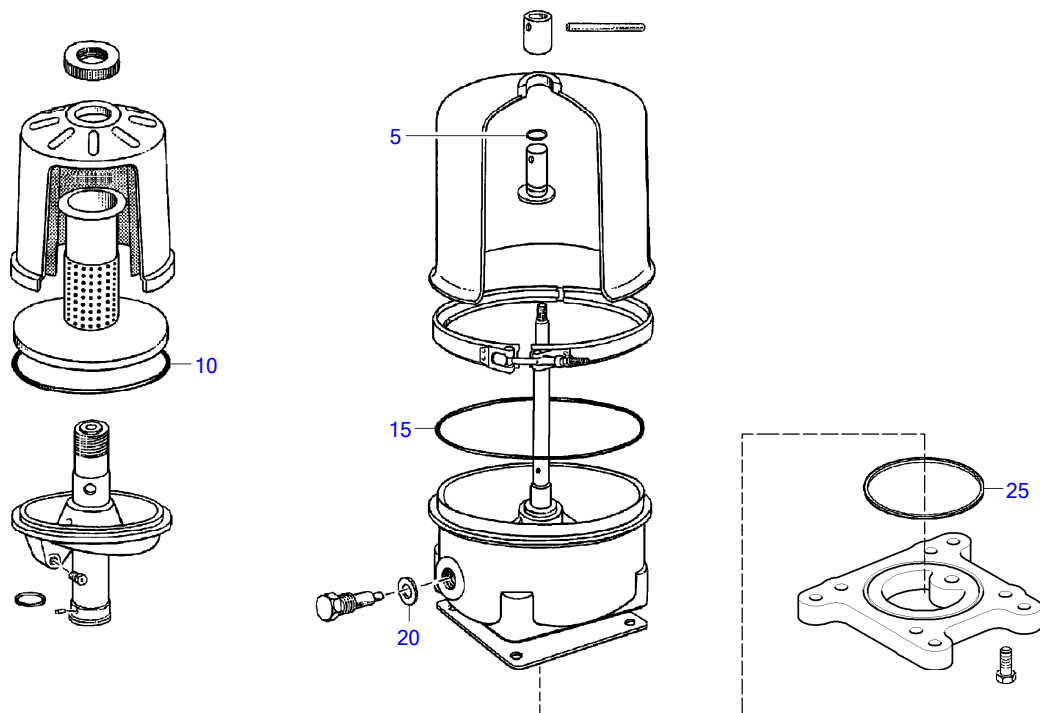
18300801a

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
	10	8691840031	COVER FIXING KIT	1	PC	240.000 g



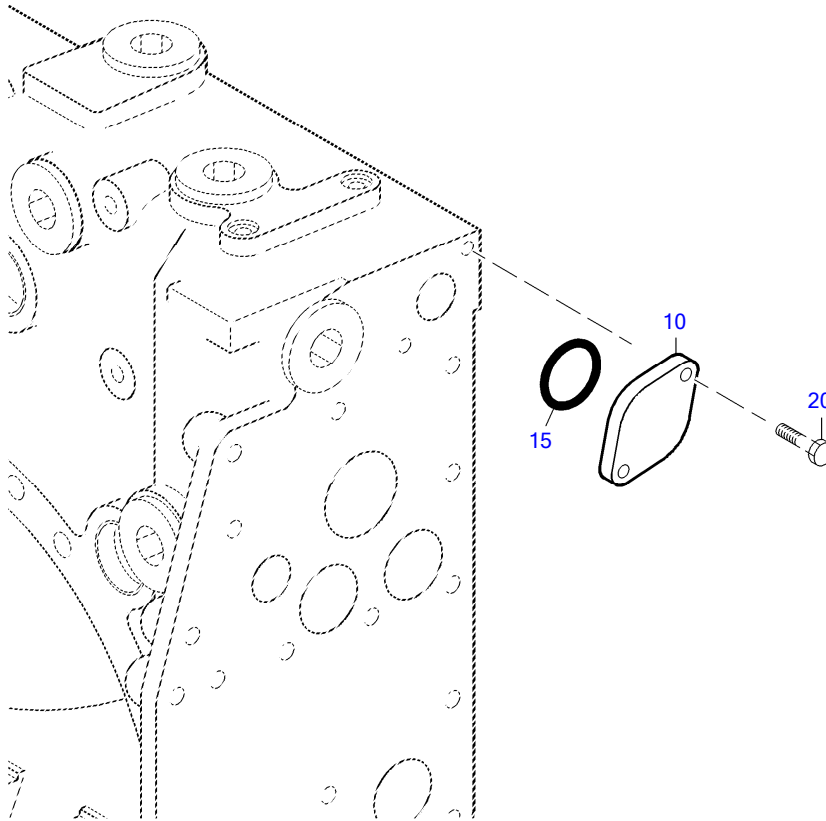
K183 K00004

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS
	5	Z=3108A	VALVE PISTON	1	PC
	10	Z=1655A	PLUG	1	PC
	15	Z=1115P	PRESSURE SPRING	1	PC



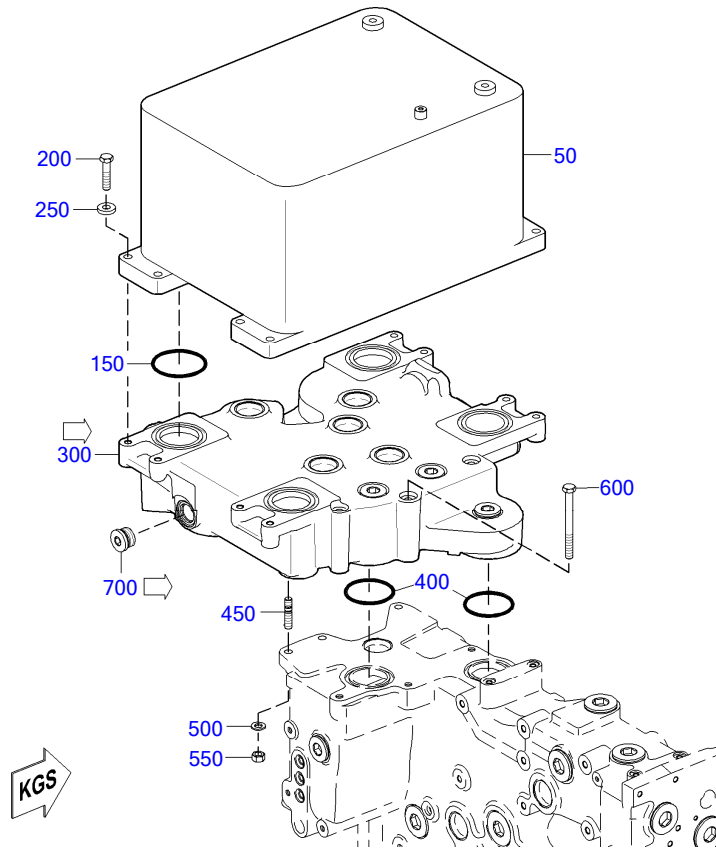
18300932a

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	5	8699970274	SEALING RING	70IRHD / GREEN	2	PC	0.700 g	17.12X2,62	
	10	8699970273	SEALING RING	70 IRHD / GREEN	1	PC	21.900 g	145,42 X 5,34	
	15	8699970272	SEALING RING	70 IRHD / GREEN	1	PC	28.900 g	196,22 X 5,34	
	20	8699970287	SEALING RING		1	PC	2.200 g		
	25	700429122001	O-RING		1	PC	9.500 g	122 X 3,75	MMN429



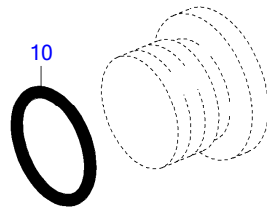
18000054a

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	<b>X52899100796</b>	FLANGE	BR4000	1	PC	311.600 g		
	15	<b>700429042002</b>	O-RING		1	PC	3.800 g	42 X 4	MMN429
	20	<b>304017008081</b>	HEX SCREW		2	PC	13.400 g	M 8 X 25	ISO4017




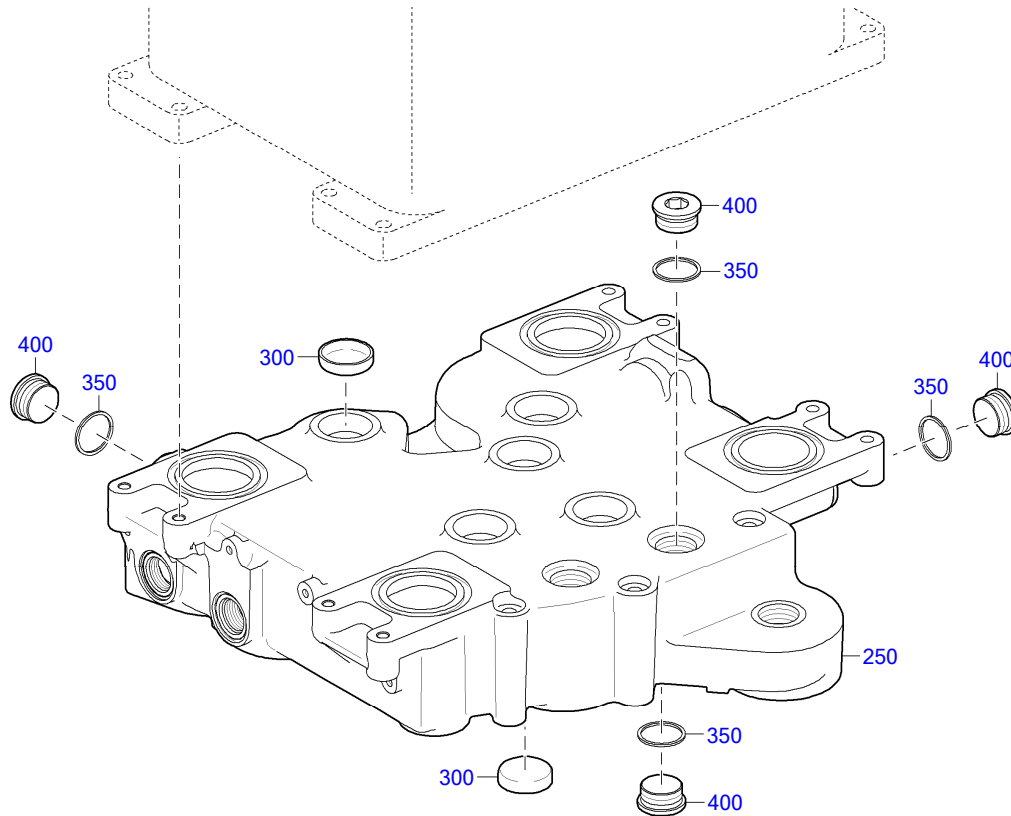
18300721d

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	50	<b>X59418300035/87</b>	OIL HEAT EXCHANGER	1	PC	0.010 kg	EM		
	150	<b>700429083000</b>	O-RING	4	PC	11.700 g		83 X 5	MMN429
	200	<b>000000003926</b>	HEX SCREW	8	PC	54.000 g		M 12 X 55	ISO4017
	250	<b>007349013002</b>	WASHER	8	PC	24.500 g		13	DIN7349
183	300	<b>X59418300021</b>	Oil Distribution Housing S4000	1	PC	65.000 kg			
	400	<b>700429075001</b>	O-RING	2	PC	10.600 g		75 X 5	MMN429
	450	<b>000939012061</b>	STUD	3	PC	39.900 g		M 12 X 40	DIN939
	500	<b>000125013012</b>	WASHER	3	PC	5.600 g		A 13	DIN125
	550	<b>000000004744</b>	HEX NUT	3	PC	14.300 g		M 12	ISO4032
	600	<b>000000003378</b>	HEX SCREW	3	PC	122.100 g		M 12 X130	ISO4014
182	700	<b>735210033000</b>	PLUG	2	PC	0.142 kg		M 33 X 2	MTN5210



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	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	735221029000	O-RING	1	PC	1.000 g	29,6 X 2,9 - M33X2	MTN5221



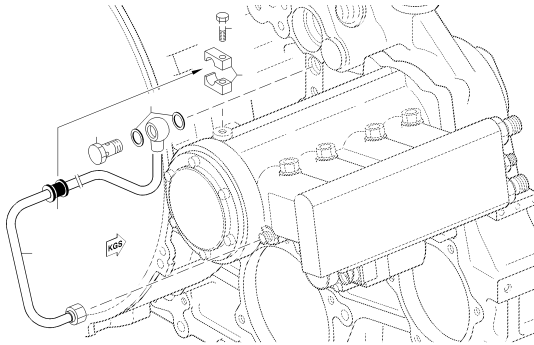
18300851b

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	250	<b>X59418300020</b>	OIL. DISTR. HOUSING	1	PC	64.000 kg		
	300	<b>5249970020</b>	SEALING CAP	9	PC	62.600 g	D 50	
	350	<b>007603038101</b>	COPPER SEALING RING	7	PC	5.400 g	A 38 X 44	DIN7603
	400	<b>000908038000</b>	THREAD PLUG	7	PC	0.150 kg	M 38 X 1,5	DIN908

GROUP SEGMENT (FGS)

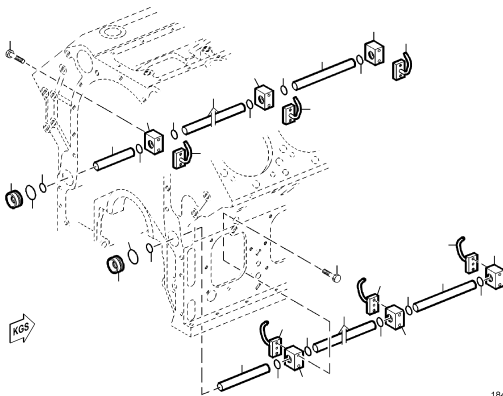
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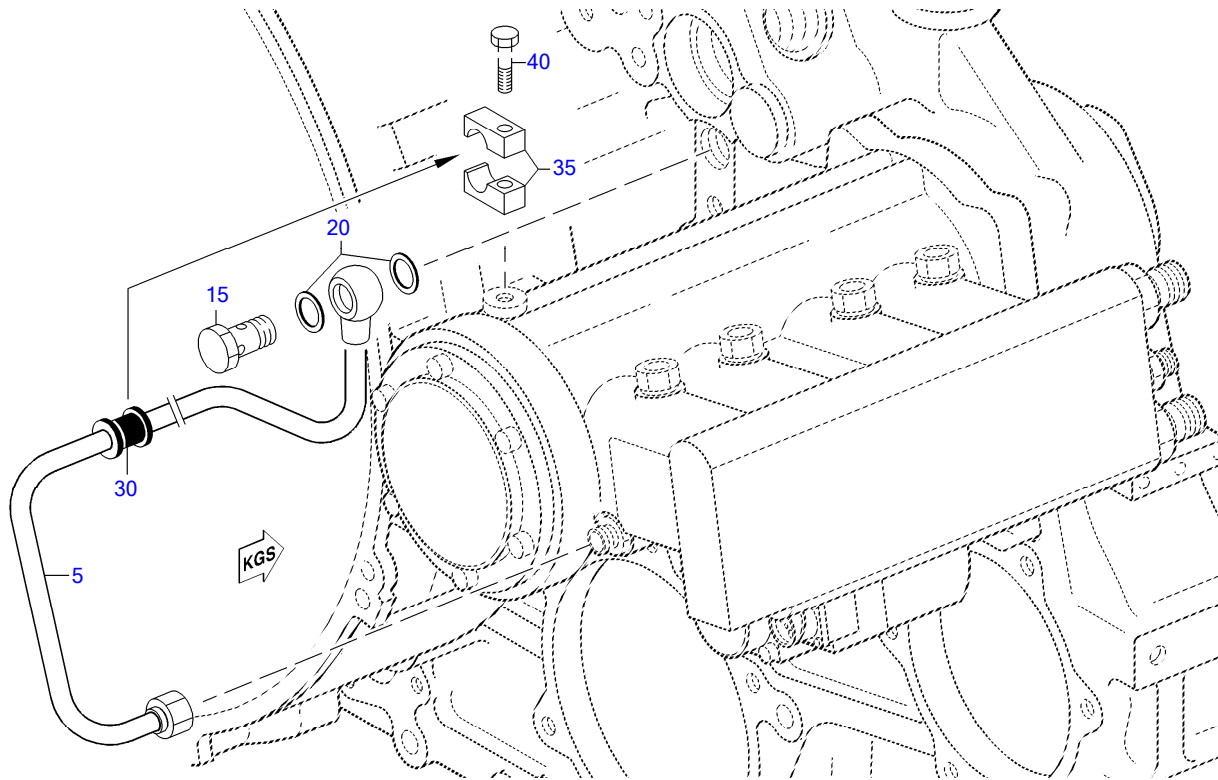
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05  
OIL SUPPLY FOR HP PUMP  
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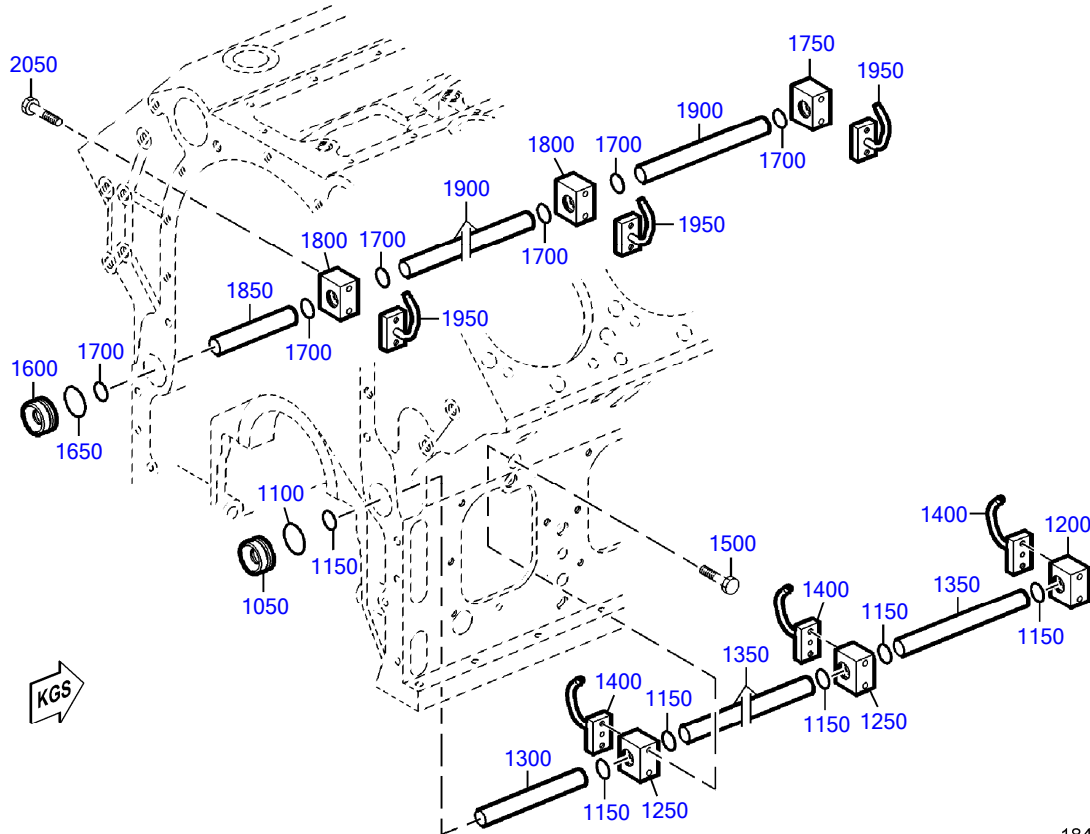
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10  
OIL SYSTEM BASIC SCOPE  
X00026315



18300099a

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	5	5281800319	TUBE HIGH PRESS FUEL PUMP LUBE OIL	1	PC	270.000 g		
	15	700223010000	BOLT BANJO A12	1	PC	64.800 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	40.000 g	1/1 D 9 - 18	MMN325
	40	304017008085	HEX SCREW	1	PC	18.000 g	M 8 X 40	ISO4017



18400124b

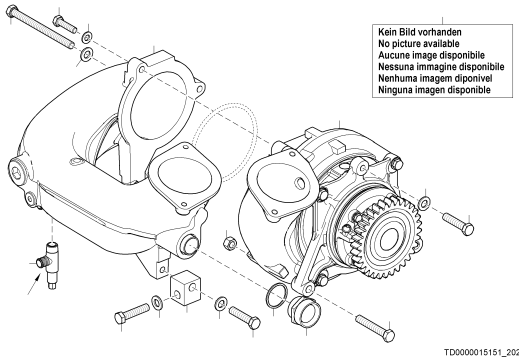
☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	1050	5241870276	RETAINER O-RING	1	PC	60.000 g			
	1100	700429041000	O-RING	1	PC	3.800 g		41 X 4	MMN429
	1150	700429024002	O-RING	12	PC	2.300 g		24 X 4	MMN429
	1200	X52418400002	RETAINER	1	PC	170.000 g			
	1250	X52418400001	RETAINER	5	PC	105.000 g			
	1300	5241870401	TUBE D	1	PC	160.000 g			
	1350	5241870101	TUBE D	5	PC	130.000 g			
	1400	X59418400008	OIL SPRAY NOZZLE	6	PC	190.000 g	EM		
	1500	304014008032	HEX SCREW	12	PC	34.100 g		M 8 X 80	ISO4014
	1600	5241870276	RETAINER O-RING	1	PC	60.000 g			
	1650	700429041000	O-RING	1	PC	3.800 g		41 X 4	MMN429
	1700	700429024002	O-RING	12	PC	2.300 g		24 X 4	MMN429
	1750	X52418400002	RETAINER	1	PC	170.000 g			
	1800	X52418400001	RETAINER	5	PC	105.000 g			
	1850	5241870201	TUBE D	1	PC	120.000 g			
	1900	5241870101	TUBE D	5	PC	130.000 g			
	1950	X59418400008	OIL SPRAY NOZZLE	6	PC	190.000 g	EM		
	2050	304014008032	HEX SCREW	12	PC	34.100 g		M 8 X 80	ISO4014

GROUP SEGMENT (FGS)

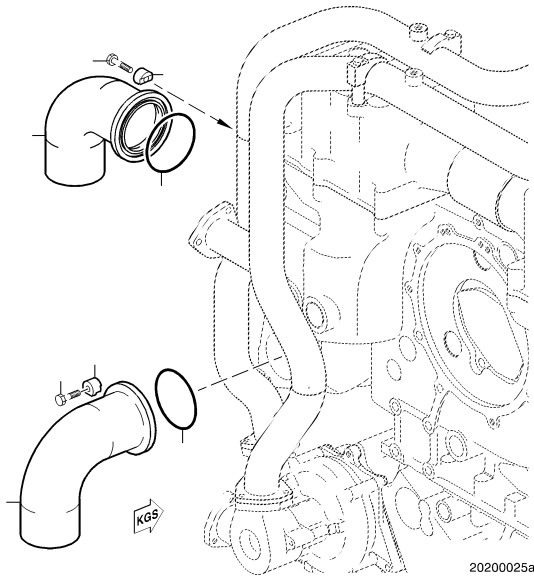
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BOM-No.

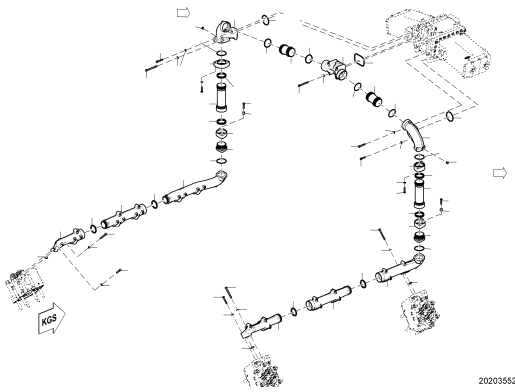
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COOLANT PUMP HT COOLANT CIRCUIT  
XS549200.00060



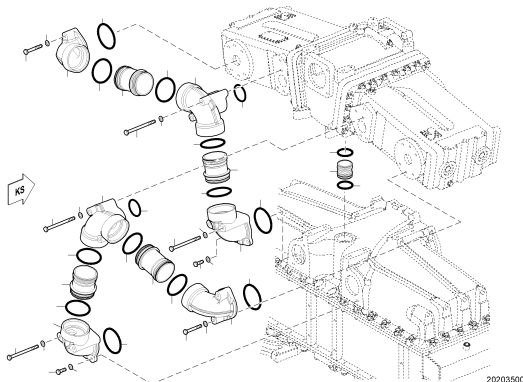
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COOLANT ELBOW HIGH-TEMP CIRCUIT  
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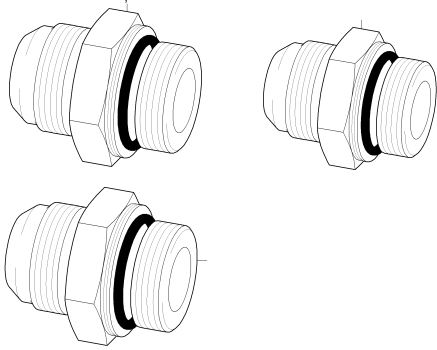
20  
COOLANT DUCTING  
XS547200.00002



20  
COOLANT DUCTING HT AFTER EGR COOLER  
XS547200.00111

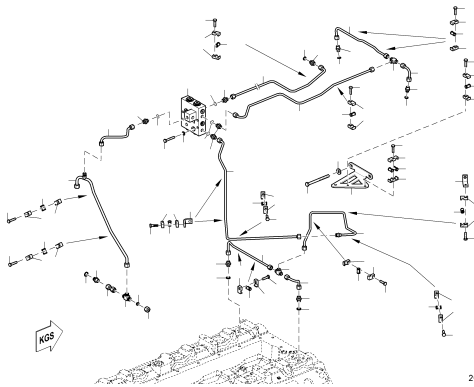


GROUP SEGMENT (FGS)  
GROUP NAME  
BOM-No.



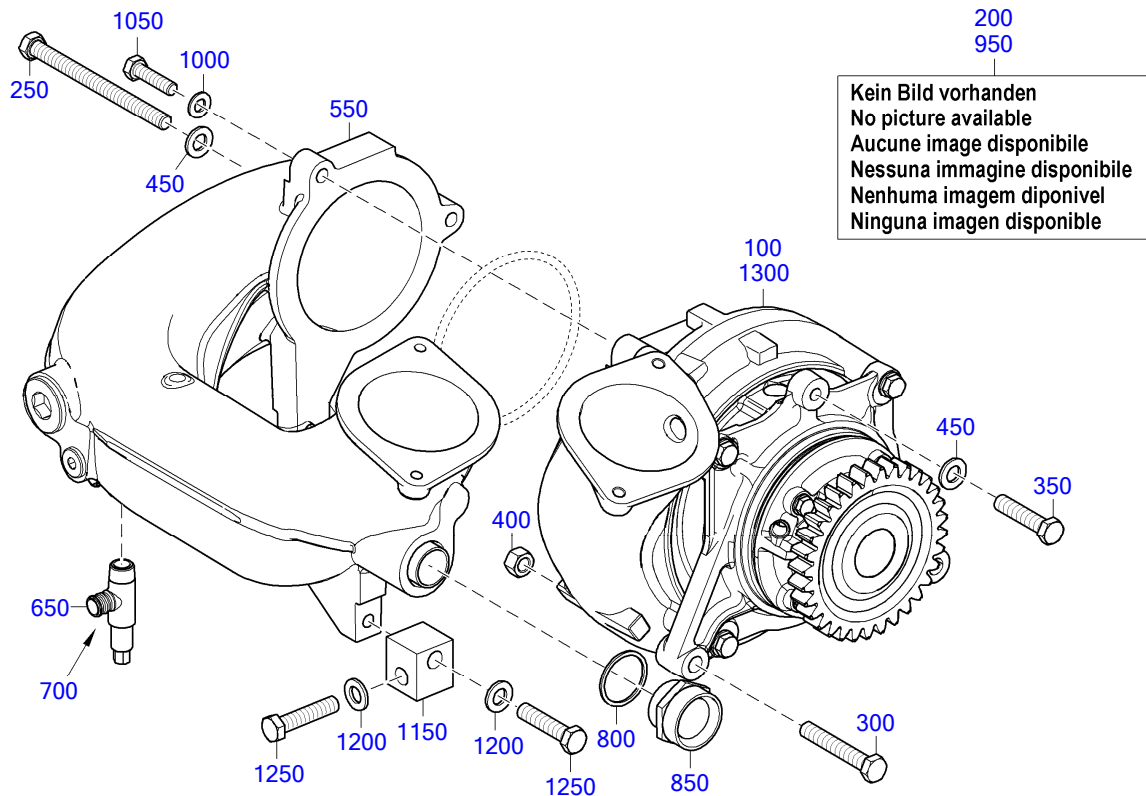
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**CONNECTING HARDWARE FOR PREHEATING**  
XS547200.00094

20203019



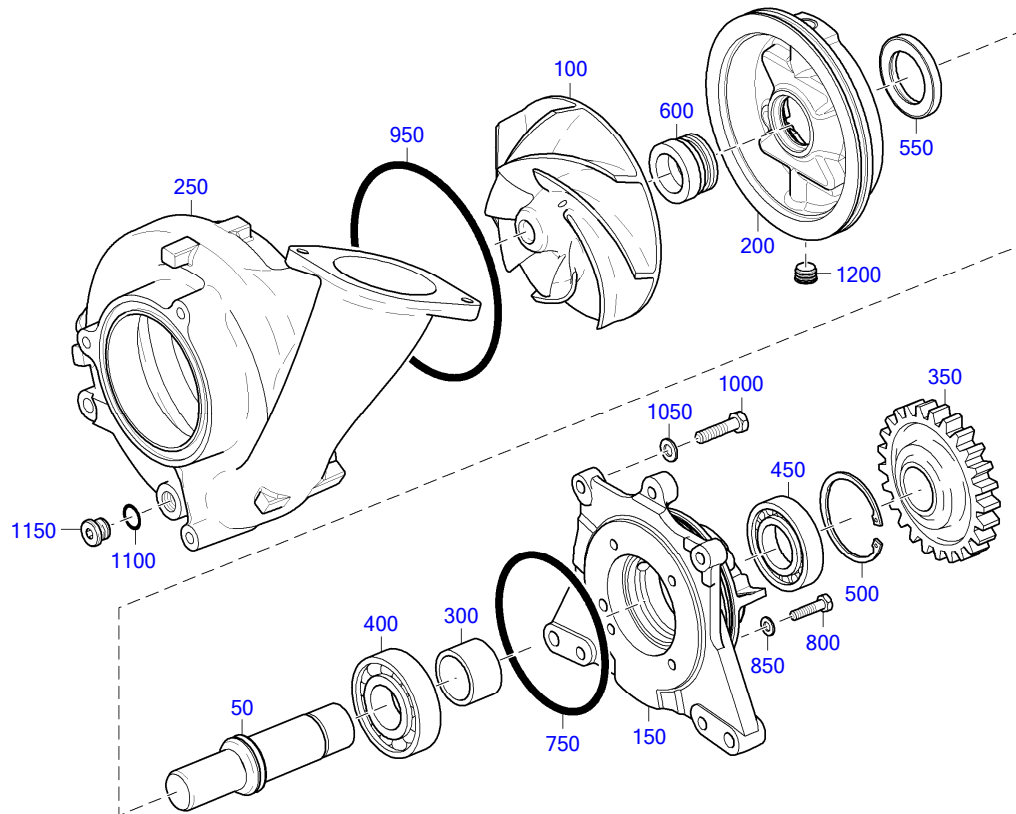
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**COOLANT VENT**  
XS547200.00109

20203496



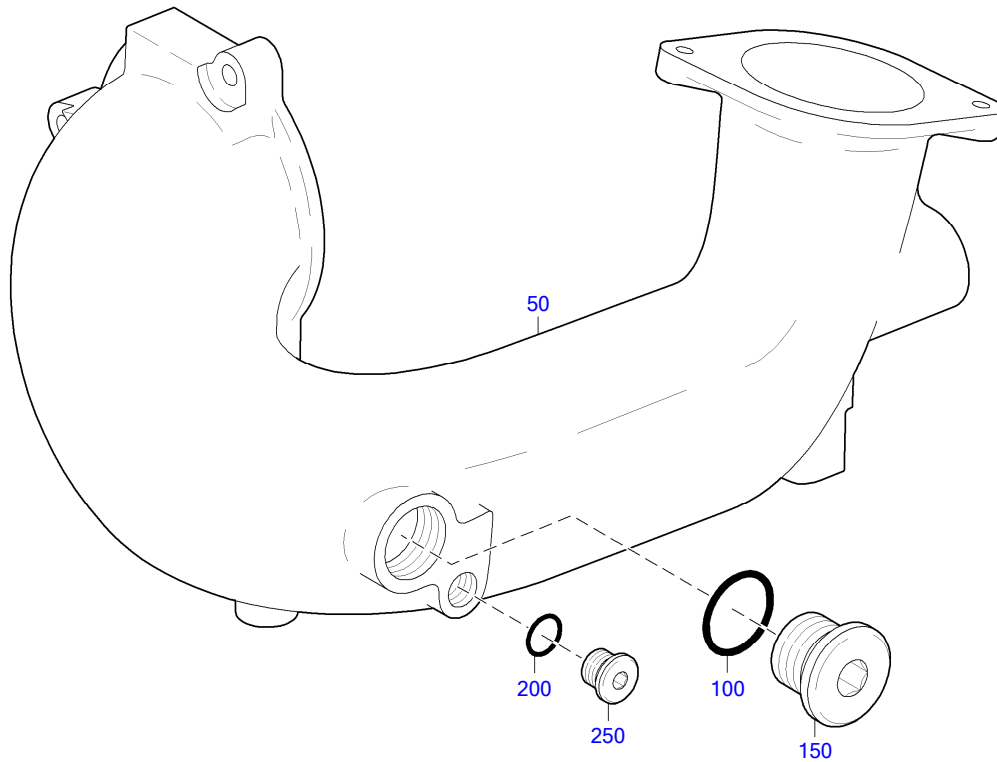
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☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	189	100	<b>X54920200040</b>	COOLANT PUMP HIGH-TEMP CIRCUIT	1	PC	28.100 kg	EM	
		200	<b>735252130000</b>	O-RING	1	PC	0.010 kg	130 X 5	MTN5252
		250	<b>000000003921</b>	HEX SCREW	1	PC	138.500 g	M 12 X 150	ISO4014
		300	<b>204017012019</b>	HEX SCREW	1	PC	68.700 g	M 12 X 75	ISO4017
		350	<b>000000003926</b>	HEX SCREW	1	PC	54.000 g	M 12 X 55	ISO4017
		400	<b>000000004744</b>	HEX NUT	1	PC	14.300 g	M 12	ISO4032
		450	<b>000125013012</b>	WASHER	3	PC	5.600 g	A 13	DIN125
	190	550	<b>X59620200168</b>	ELBOW ON COOLANT PUMP	1	PC	13.553 kg		
		650	<b>0049976736</b>	VALVE DRAIN	1	PC	125.000 g		
		700	<b>50155</b>	TAPE SEALING PTFE	1	PC	0.014 kg	12 X 0,1	MTS5034
		800	<b>007603038101</b>	COPPER SEALING RING	1	PC	5.400 g	A 38 X 44	DIN7603
		850	<b>X00043213</b>	INJECTOR FOR ELBOW	1	PC	342.800 g	SB	
		950	<b>735252130001</b>	O-RING	1	PC	0.022 kg	130 X 6	MTN5252
		1000	<b>000125010524</b>	WASHER	3	PC	3.100 g	A 10,5	DIN125
		1050	<b>000000001039</b>	HEX SCREW	3	PC	29.800 g	M 10 X 40	ISO4017
		1150	<b>5242030340</b>	SUPPORT MTG HOLDER	1	PC	295.000 g		
		1200	<b>000125013012</b>	WASHER	2	PC	5.600 g	A 13	DIN125
		1250	<b>000000003926</b>	HEX SCREW	2	PC	54.000 g	M 12 X 55	ISO4017
		1300	<b>EX54920200040</b>	COOLANT PUMP HIGH-TEMP CIRCUIT	1	PC	28.290 kg	EM	



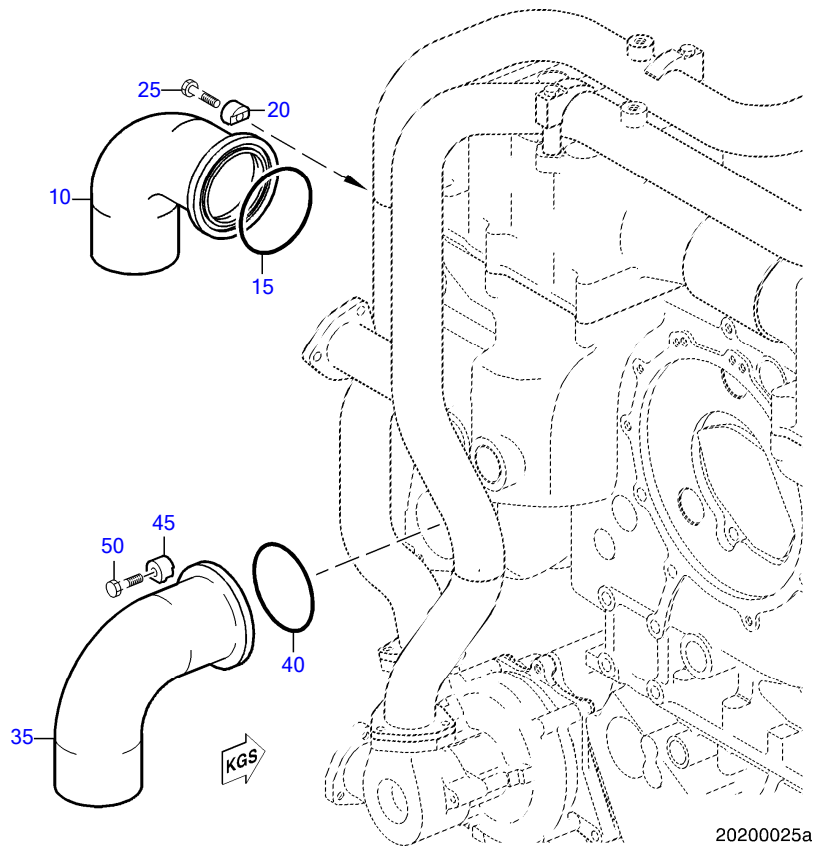
20203806

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	50	5272010805	SHAFT WTR PMP HI TEMP CLG CIRCUIT	1	PC	1.699 kg		
	100	X52620200185	IMPELLER HIGH-TEMP CIRCUIT	1	PC	2.679 kg		
	150	X00039620	BEARING HOUSING	1	PC	7.750 kg		
	200	X54820300022	SEAL CARRIER	1	PC	3.446 kg		
	250	X52620200184	SPIRAL HOUSING HIGH-TEMP CIRCUIT	1	PC	10.500 kg		
	300	5272010153	SPACER SLEEVE	1	PC	172.800 g		
	350	X54899100143	GEAR FOR AUX PTO	1	PC	1.780 kg		
	400	200628103006	BEARING ANGULAR CONTACT ROLLER	1	PC	750.000 g	QJ308	DIN628
	450	705100502035	BEARING CYLINDRICAL ROLLER	1	PC	623.000 g	NU208	DIN5412
	500	000472080000	RING SNAP	1	PC	22.000 g	80 X 2,5	DIN472
	550	X52620200028	RADIAL-LIP SHFT SEAL FOR COOLANT PUMP	1	PC	0.030 kg		
	600	X00026765	ROTARY SEAL	1	PC	74.000 g		
	750	700429135000	O-RING	1	PC	18.600 g	135 X 5	MMN429
	800	000931008241	HEX SCREW	4	PC	31.700 g	M 8 X 75	DIN931
	850	000125008427	WASHER	4	PC	1.500 g	A 8,4	DIN125
	950	700429185002	O-RING	1	PC	25.200 g	185 X 5	MMN429
	1000	000000003326	HEX SCREW	4	PC	27.400 g	M 10 X 35	ISO4017
	1050	000125010524	WASHER	4	PC	3.100 g	A 10,5	DIN125
	1100	007603018101	COPPER SEALING RING	1	PC	1.300 g	A 18 X 22	DIN7603
	1150	000908018002	PLUG	1	PC	0.029 kg	M 18 X 1,5	DIN908
	1200	X52699100537	PLUG	2	PC	0.002 kg		

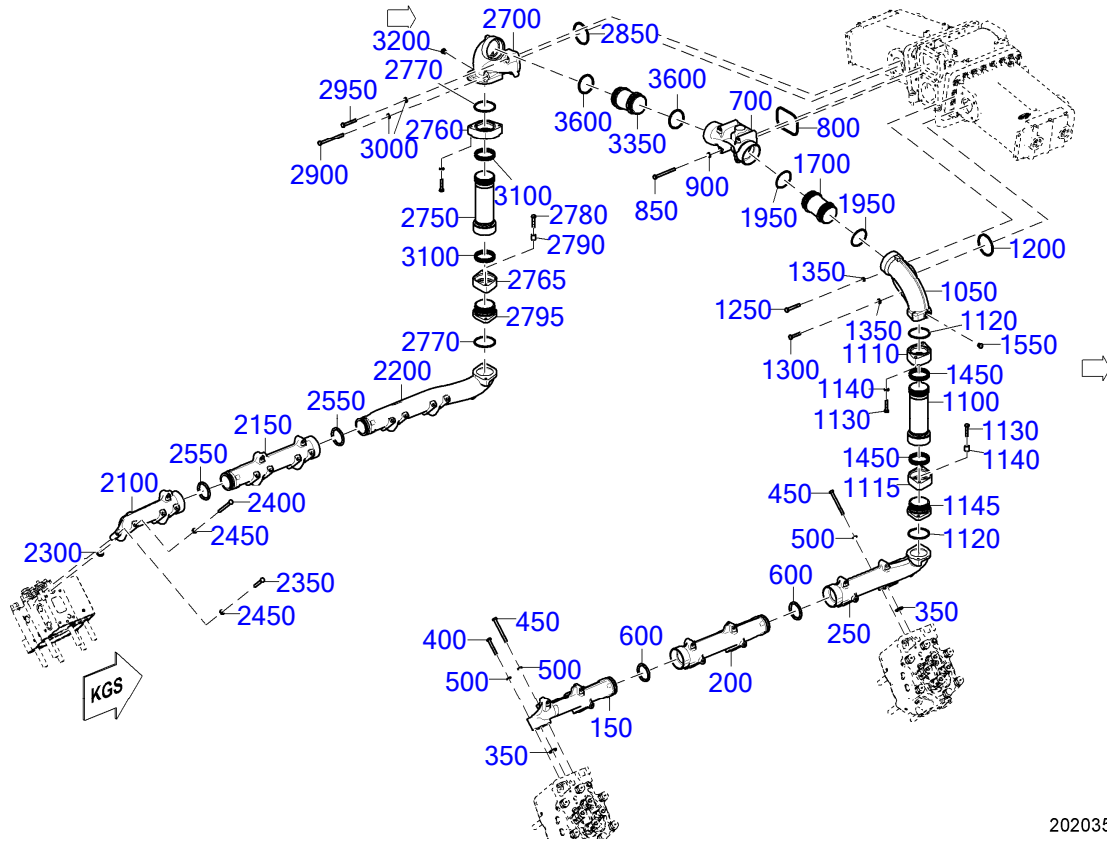


20203807

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	50	<b>X59620200167</b>	ELBOW ON COOLANT PUMP	1	PC	13.150 kg		
	100	<b>007603038101</b>	COPPER SEALING RING	1	PC	5.400 g	A 38 X 44	DIN7603
	150	<b>000908038000</b>	THREAD PLUG	1	PC	0.150 kg	M 38 X 1,5	DIN908
	200	<b>007603018101</b>	COPPER SEALING RING	1	PC	1.300 g	A 18 X 22	DIN7603
	250	<b>000908018002</b>	PLUG	1	PC	0.029 kg	M 18 X 1,5	DIN908



☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	5242002418	ELBOW	1	PC	3.560 kg		
	15	735254108001	O-RING	1	PC	13.400 g	108 X 5	MTN5254
	20	5242030338	CLAMP	3	PC	58.400 g		
	25	000933010093	HEX SCREW	3	PC	28.700 g	M 10 X 35	DIN933
	35	5242002418	ELBOW	1	PC	3.560 kg		
	40	735254108001	O-RING	1	PC	13.400 g	108 X 5	MTN5254
	45	5242030338	CLAMP	3	PC	58.400 g		
	50	000933010093	HEX SCREW	3	PC	28.700 g	M 10 X 35	DIN933



20203552

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	150	X54720200038	MANIFOLD HT COOLANT CIRCUIT	1	PC	6.320 kg		
	250	X54720200122	MANIFOLD HT COOLANT CIRCUIT	1	PC	9.277 kg		
	350	735252024000	O-RING	6	PC	0.003 kg	24 X 5	MTN5252
	400	000000001076	HEX SCREW	1	PC	45.900 g	M 10 X 70	ISO4017
	450	204014010007	HEX SCREW	11	PC	72.600 g	M 10 X110	ISO4014
	500	000125010524	WASHER	12	PC	3.100 g	A 10,5	DIN125
	600	735252065001	O-RING	2	PC	21.400 g	65 X 8	MTN5252
	700	X54720200010	COOLANT ELBOW HIGH-TEMP CIRCUIT	1	PC	6.552 kg		
	800	735252126000	O-RING	1	PC	14.800 g	126 X 5	MTN5252
	850	204014010007	HEX SCREW	4	PC	72.600 g	M 10 X110	ISO4014
	900	000125010524	WASHER	4	PC	3.100 g	A 10,5	DIN125
	1050	X54720200217	COOLANT ELBOW HIGH-TEMP CIRCUIT	1	PC	6.640 kg		
	1100	X54799100696	SOCKET PIPE	1	PC	1.729 kg		
	1110	X54799100702	PLUG-IN PIPE FLANGE	1	PC	1.216 kg		
	1115	X54799100693	PLUG-IN PIPE FLANGE	1	PC	953.600 g		
	1120	735252085000	O-RING	2	PC	6.400 g	85 X 4	MTN5252
	1130	000000001042	HEX SCREW	4	PC	34.600 g	M 10 X 50	ISO4017
	1140	000125010524	WASHER	2	PC	3.100 g	A 10,5	DIN125
	1145	5502040453	SPACER SLEEVE	2	PC	33.600 g		
	1200	735252090000	O-RING	1	PC	0.011 kg	90 X 5	MTN5252
	1250	000000001076	HEX SCREW	1	PC	45.900 g	M 10 X 70	ISO4017
	1300	000000001042	HEX SCREW	1	PC	34.600 g	M 10 X 50	ISO4017
	1350	000125010524	WASHER	2	PC	3.100 g	A 10,5	DIN125
	1450	735252075000	O-RING	4	PC	9.000 g	75 X 5	MTN5252
38	1550	735210014000	THREAD PLUG	1	PC	0.019 kg	M 14 X 1,5	MTN5210

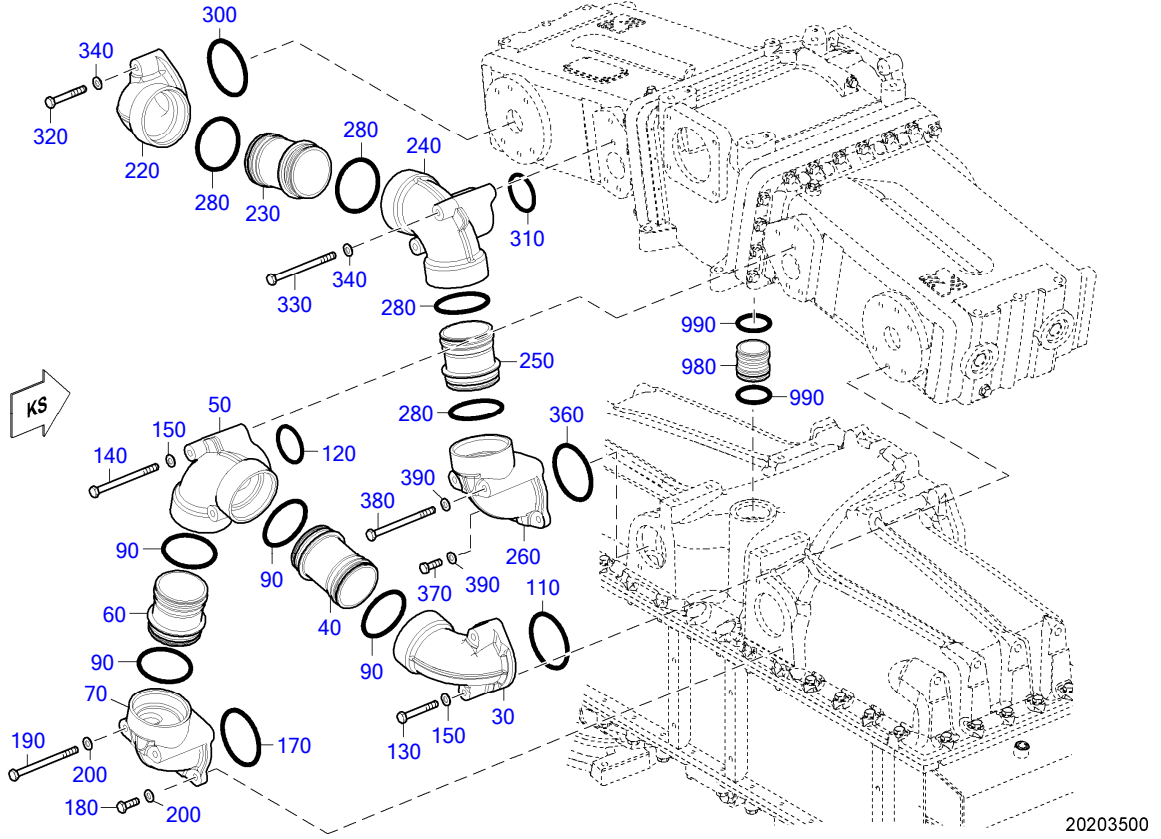
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	1700	X54799100666	PLUG-IN PIPE	1	PC	928.900 g		
	1950	735252075000	O-RING	2	PC	9.000 g	75 X 5	MTN5252
	2100	X54720200039	MANIFOLD HT COOLANT CIRCUIT	1	PC	5.560 kg		
	2200	X54720200123	MANIFOLD HT COOLANT CIRCUIT	1	PC	9.888 kg		
	2300	735252024000	O-RING	6	PC	0.003 kg	24 X 5	MTN5252
	2350	000000001076	HEX SCREW	1	PC	45.900 g	M 10 X 70	ISO4017
	2400	204014010007	HEX SCREW	11	PC	72.600 g	M 10 X110	ISO4014
	2450	000125010524	WASHER	12	PC	3.100 g	A 10,5	DIN125
	2550	735252065001	O-RING	2	PC	21.400 g	65 X 8	MTN5252
	2700	X54720200216	COOLANT ELBOW HIGH-TEMP CIRCUIT	1	PC	6.031 kg		
	2750	X54799100696	SOCKET PIPE	1	PC	1.729 kg		
	2760	X54799100702	PLUG-IN PIPE FLANGE	1	PC	1.216 kg		
	2765	X54799100693	PLUG-IN PIPE FLANGE	1	PC	953.600 g		
	2770	735252085000	O-RING	2	PC	6.400 g	85 X 4	MTN5252
	2780	000000001042	HEX SCREW	4	PC	34.600 g	M 10 X 50	ISO4017
	2790	000125010524	WASHER	2	PC	3.100 g	A 10,5	DIN125
	2795	5502040453	SPACER SLEEVE	2	PC	33.600 g		
	2850	735252090000	O-RING	1	PC	0.011 kg	90 X 5	MTN5252
	2900	000000004400	HEX SCREW	1	PC	84.000 g	M 10 X130	ISO4014
	2950	000000001076	HEX SCREW	1	PC	45.900 g	M 10 X 70	ISO4017
	3000	000125010524	WASHER	2	PC	3.100 g	A 10,5	DIN125
	3100	735252075000	O-RING	4	PC	9.000 g	75 X 5	MTN5252
38	3200	735210014000	THREAD PLUG	1	PC	0.019 kg	M 14 X 1,5	MTN5210
	3350	X54799100666	PLUG-IN PIPE	1	PC	928.900 g		
	3600	735252075000	O-RING	2	PC	9.000 g	75 X 5	MTN5252
		X54720200037	MANIFOLD HT COOLANT CIRCUIT	2	ST	8.020 kg		

EQUI TYPE: Engine

PRODUCT TYPE: 12V4000C65  
COOLANT DUCTING HT AFTER EGR COOLER

SERIAL NUMBER: 5472000318

FG/FGS: 202 20  
BOM-No.: XS547200.00111

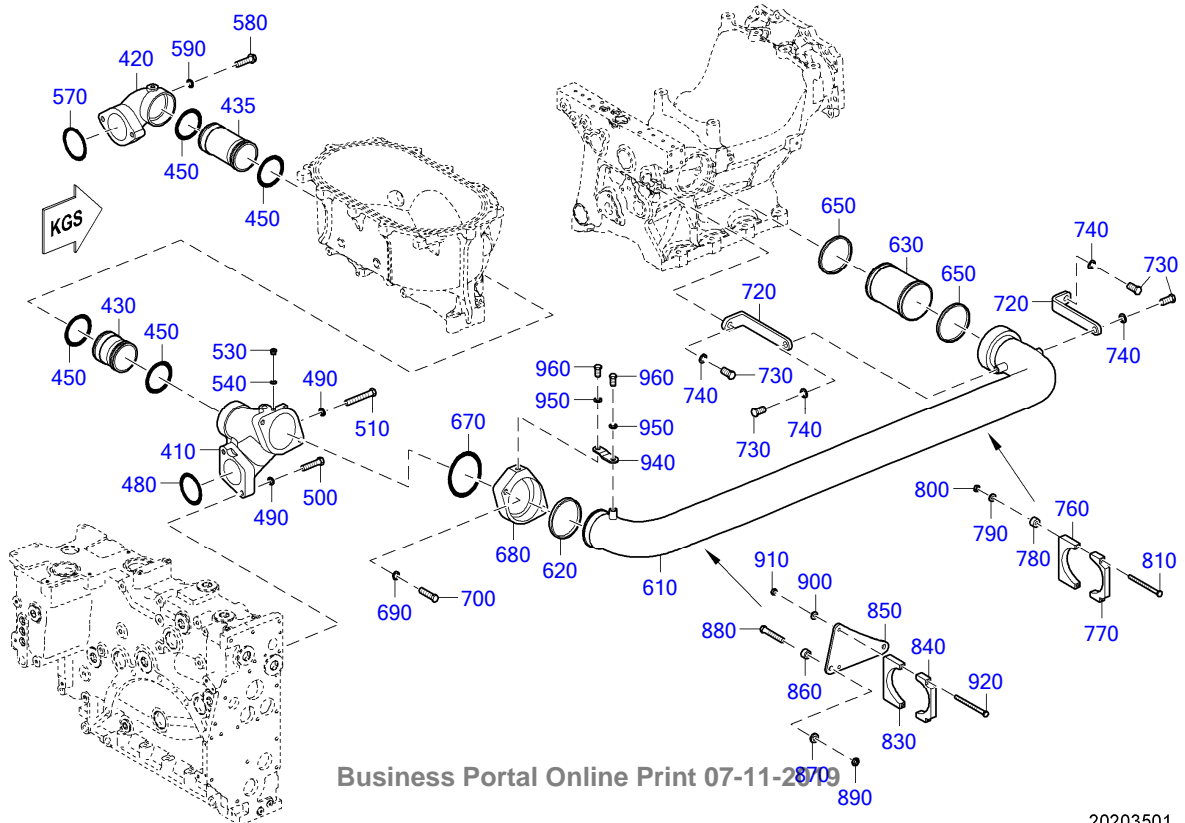


EQUI TYPE: Engine

PRODUCT TYPE: 12V4000C65  
COOLANT DUCTING HT AFTER EGR COOLER

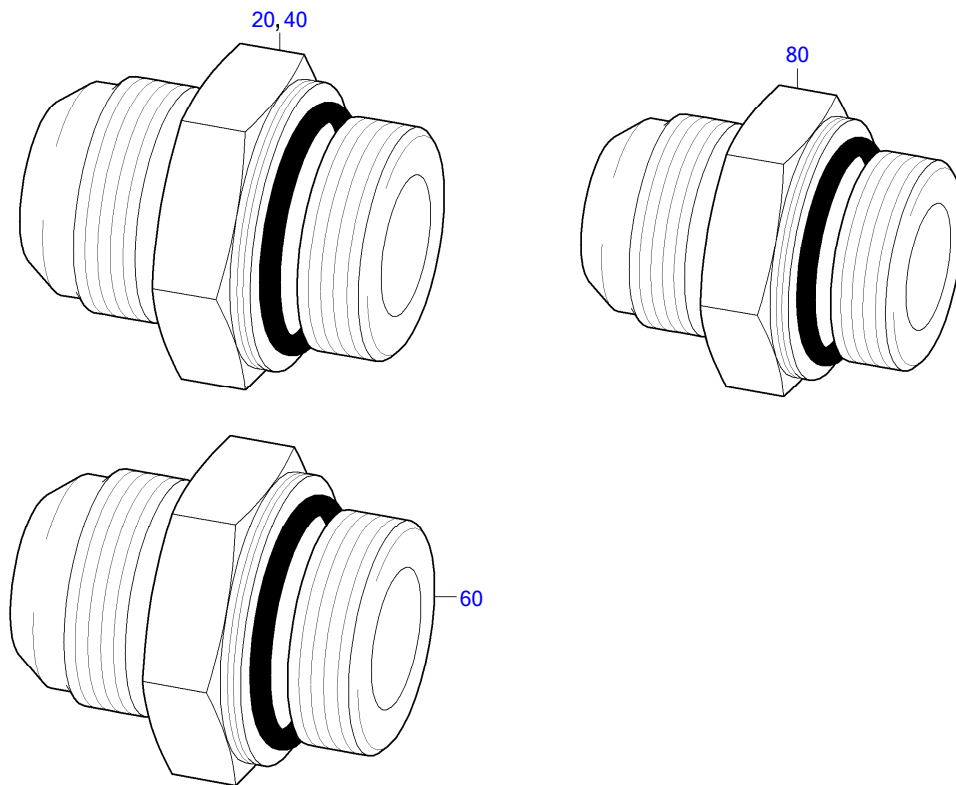
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FG/FGS: 202 20  
BOM-No.: XS547200.00111



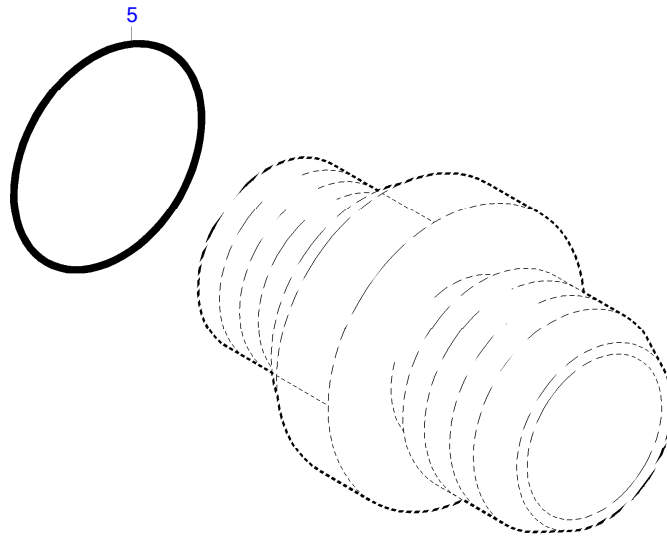
☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	30	X54720200011	COOLANT ELBOW HIGH-TEMP CIRCUIT	1	PC	2.800 kg		
	40	X54799100346	PLUG-IN PIPE	1	PC	829.900 g		
	50	X54720200133	COOLANT ELBOW HIGH-TEMP CIRCUIT	1	PC	4.487 kg		
	60	X54799100347	PLUG-IN PIPE	1	PC	688.000 g		
	70	X54720200138	COOLANT ELBOW HIGH-TEMP CIRCUIT	1	PC	3.160 kg		
	90	735252075000	O-RING	4	PC	9.000 g	75 X 5	MTN5252
	110	735252090000	O-RING	1	PC	0.011 kg	90 X 5	MTN5252
	120	735252060000	O-RING	1	PC	4.400 g	60 X 4	MTN5252
	130	000000001076	HEX SCREW	2	PC	45.900 g	M 10 X 70	ISO4017
	140	000000004400	HEX SCREW	2	PC	84.000 g	M 10 X130	ISO4014
	150	000125010524	WASHER	4	PC	3.100 g	A 10,5	DIN125
	170	735252090000	O-RING	1	PC	0.011 kg	90 X 5	MTN5252
	180	000000001464	HEX SCREW	1	PC	24.900 g	M 10 X 30	ISO4017
	190	000000004400	HEX SCREW	1	PC	84.000 g	M 10 X130	ISO4014
	200	000125010524	WASHER	2	PC	3.100 g	A 10,5	DIN125
	220	X54720200011	COOLANT ELBOW HIGH-TEMP CIRCUIT	1	PC	2.800 kg		
	230	X54799100346	PLUG-IN PIPE	1	PC	829.900 g		
	240	X54720200133	COOLANT ELBOW HIGH-TEMP CIRCUIT	1	PC	4.487 kg		
	250	X54799100347	PLUG-IN PIPE	1	PC	688.000 g		
	260	X54720200138	COOLANT ELBOW HIGH-TEMP CIRCUIT	1	PC	3.160 kg		
	280	735252075000	O-RING	4	PC	9.000 g	75 X 5	MTN5252
	300	735252090000	O-RING	1	PC	0.011 kg	90 X 5	MTN5252
	310	735252060000	O-RING	1	PC	4.400 g	60 X 4	MTN5252
	320	000000001076	HEX SCREW	2	PC	45.900 g	M 10 X 70	ISO4017
	330	000000004400	HEX SCREW	2	PC	84.000 g	M 10 X130	ISO4014
	340	000125010524	WASHER	4	PC	3.100 g	A 10,5	DIN125
	360	735252090000	O-RING	1	PC	0.011 kg	90 X 5	MTN5252
	370	000000001464	HEX SCREW	1	PC	24.900 g	M 10 X 30	ISO4017
	380	000000004400	HEX SCREW	1	PC	84.000 g	M 10 X130	ISO4014
	390	000125010524	WASHER	2	PC	3.100 g	A 10,5	DIN125
	410	X54720200349	COOLANT ELBOW HIGH-TEMP CIRCUIT	1	PC	0.001 kg		
	420	X54720200312	COOLANT ELBOW HIGH-TEMP CIRCUIT	1	PC	3.150 kg		
	430	X54799100886	PLUG-IN PIPE	1	PC	666.100 g		
	435	X54799100887	PLUG-IN PIPE	1	PC	942.200 g		
	450	735252075000	O-RING	4	PC	9.000 g	75 X 5	MTN5252
	480	735252083000	O-RING	1	PC	9.600 g	83 X 5	MTN5252
	490	000125010524	WASHER	2	PC	3.100 g	A 10,5	DIN125
	500	000000001042	HEX SCREW	1	PC	34.600 g	M 10 X 50	ISO4017
	510	000000003322	HEX SCREW	1	PC	60.800 g	M 10 X 90	ISO4014
38	530	735210014000	THREAD PLUG	1	PC	0.019 kg	M 14 X 1,5	MTN5210
	570	735252083000	O-RING	1	PC	9.600 g	83 X 5	MTN5252
	580	000000001042	HEX SCREW	2	PC	34.600 g	M 10 X 50	ISO4017
	590	000125010524	WASHER	2	PC	3.100 g	A 10,5	DIN125
	610	X54720200213	COOLANT RETURN LINE HT AFTER EGR COOLER	1	PC	11.000 kg		
	620	735252095001	O-RING	1	PC	0.016 kg	95 X 6	MTN5252
	630	X54799100039	PLUG-IN PIPE F.KUEHLW-RUECKL HT	1	PC	1.900 kg		
	650	735252095001	O-RING	2	PC	0.016 kg	95 X 6	MTN5252
	670	735252110000	O-RING	1	PC	0.018 kg	110 X 6	MTN5252
	680	X54799100604	PLUG-IN PIPE FLANGE	1	PC	2.492 kg		
	690	000125010524	WASHER	2	PC	3.100 g	A 10,5	DIN125
	700	000000003695	HEX SCREW	2	PC	0.041 kg	M 10 X 60	ISO4017
	720	X54720200055	MOUNTING BRACKET FOR COOLANT LINE	2	PC	665.000 g		
	730	000000001464	HEX SCREW	4	PC	24.900 g	M 10 X 30	ISO4017
	740	735151010100	SPACER	4	PC	11.000 g	A 10,5	MTN5151

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	760	700346100201	PIPE HALF-CLAMP	1	PC	578.600 g	BD 9 - 100	MMN346
	770	700346100100	PIPE CLAMP HALF	1	PC	430.000 g	AD 9 - 100	MMN346
	780	X54799100605	BUSHING	2	PC	27.600 g		
	790	735151008100	SPACER	2	PC	7.400 g	A 8,4	MTN5151
	800	304032008014	NUT HEX 8 A3C	2	PC	4.800 g	M 8	ISO4032
	810	204014008011	HEX SCREW	2	PC	52.600 g	M 8 X130	ISO4014
	830	700346100201	PIPE HALF-CLAMP	1	PC	578.600 g	BD 9 - 100	MMN346
	840	700346100100	PIPE CLAMP HALF	1	PC	430.000 g	AD 9 - 100	MMN346
	850	X54720200211	RETAINER HT COOLANT CIRCUIT	1	PC	804.500 g		
	860	X54799100605	BUSHING	2	PC	27.600 g		
	870	007349010002	WASHER	4	PC	11.000 g	10,5	DIN7349
	880	000000000906	HEX SCREW	2	PC	49.400 g	M 10 X 80	ISO4017
	890	000000003187	NUT HEX A3C	2	PC	9.200 g	M 10	ISO4032
	900	735151008100	SPACER	2	PC	7.400 g	A 8,4	MTN5151
	910	304032008014	NUT HEX 8 A3C	2	PC	4.800 g	M 8	ISO4032
	920	204014008009	HEX SCREW	2	PC	48.900 g	M 8 X120	ISO4014
	940	X54799100663	RETAINER HT COOLANT CIRCUIT	1	PC	78.600 g		
	950	735151010100	SPACER	2	PC	11.000 g	A 10,5	MTN5151
	960	000000003021	HEX SCREW	2	PC	22.800 g	M 10 X 25	ISO4017
	980	X54799100081	PLUG-IN PIPE FOR COOLANT	1	PC	243.900 g		
	990	735252045000	O-RING	2	PC	0.010 kg	45 X 5	MTN5252



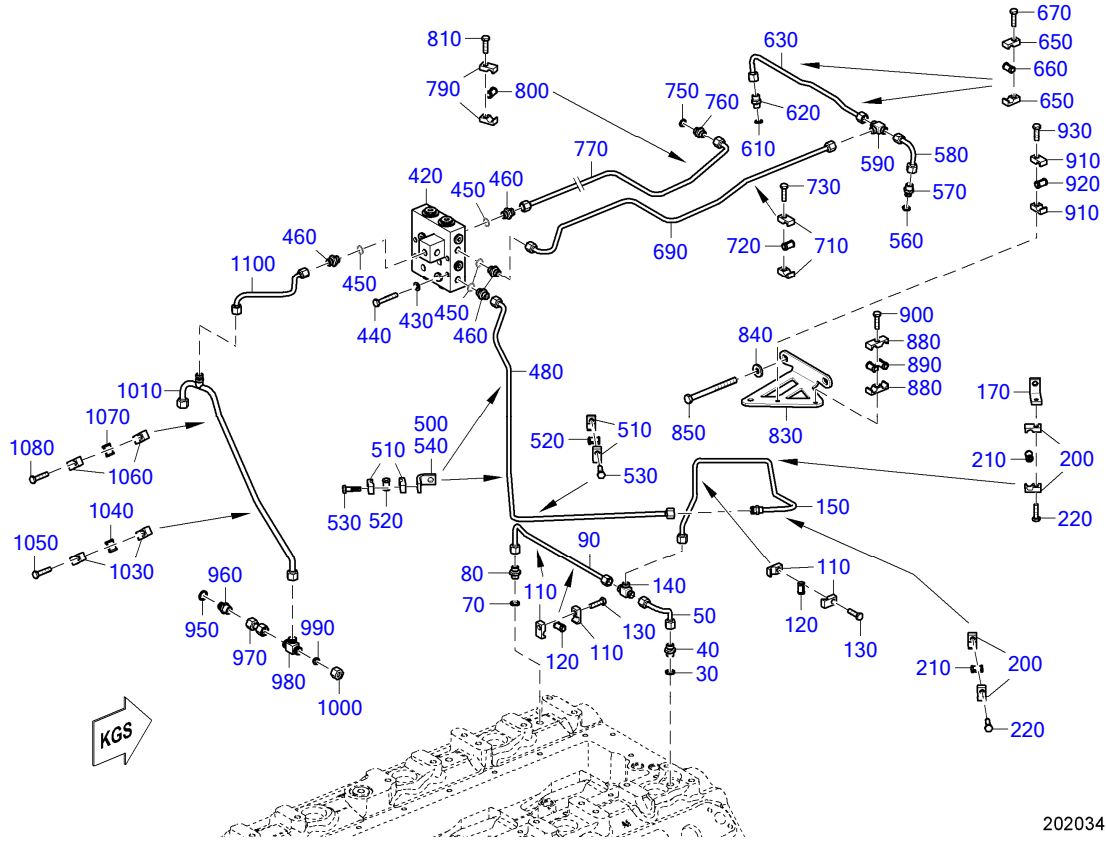
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☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	195	20	<b>5244760024</b>	CONNECTING PIECE	1	PC	228.000 g		
	195	40	<b>5244760024</b>	CONNECTING PIECE	1	PC	228.000 g		
		60	<b>5319973272</b>	CONNECTING PIECE	BR 4000	1	PC	226.300 g	M33X2 1 5/16-12
		62	<b>X59520200019</b>	THREADED BUSHING		1	PC	125.000 g	
		65	<b>007603038101</b>	COPPER SEALING RING		1	PC	5.400 g	A 38 X 44 DIN7603
		80	<b>5319977472</b>	FITTING	BR 4000	2	PC	250.000 g	M30X1.5 1 5/16-12

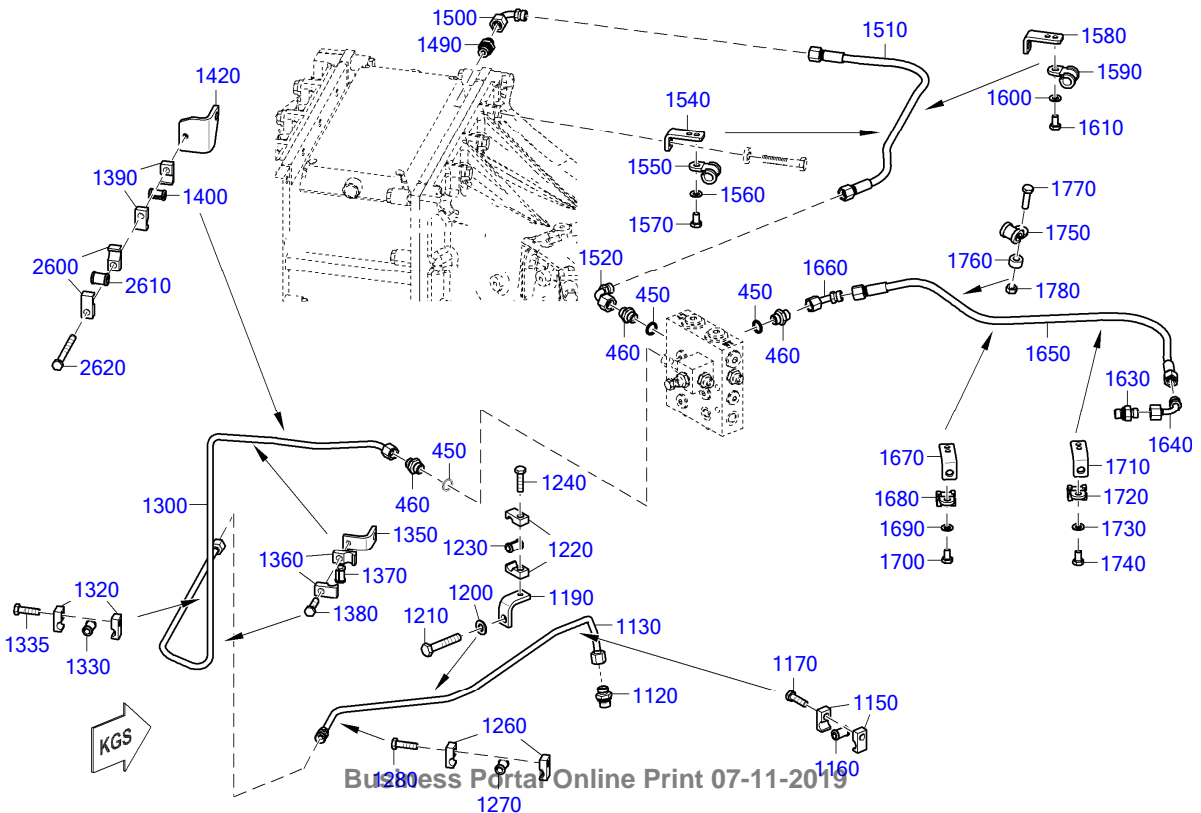


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	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
□	5	5249970745	O-RING	1	PC	1.300 g

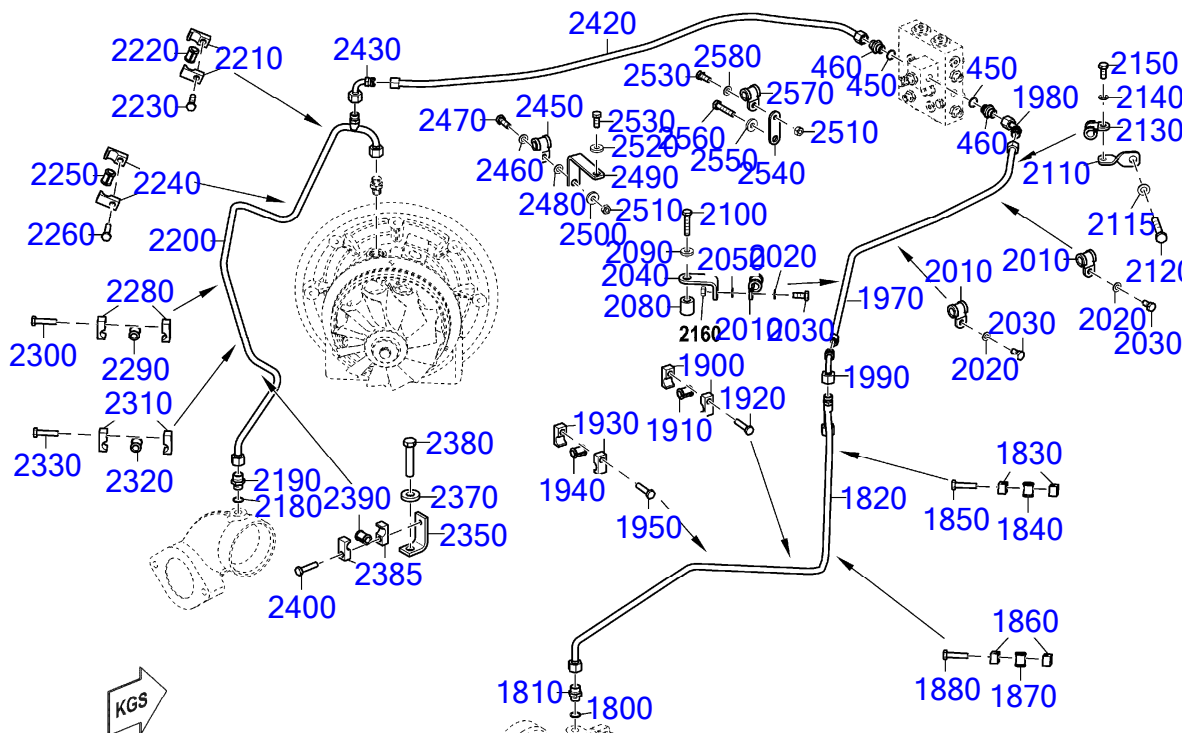
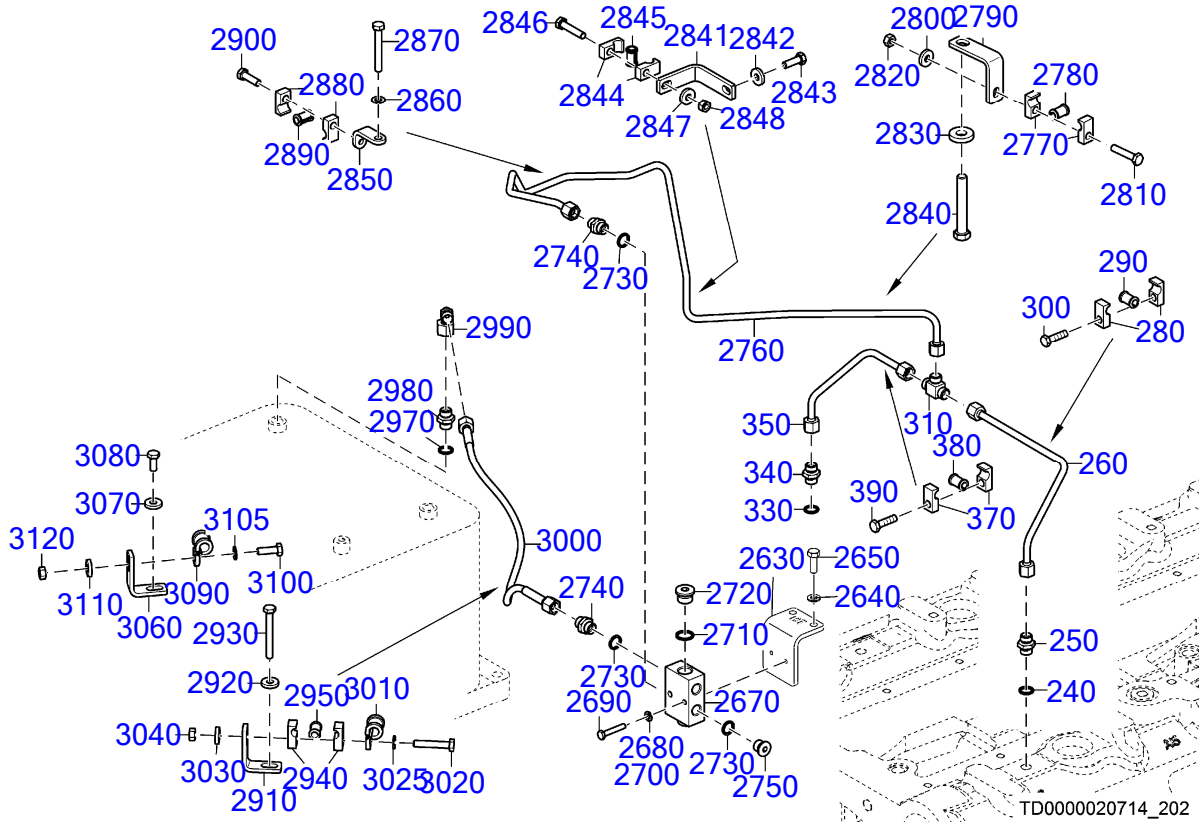


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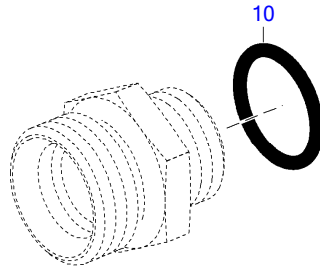
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	30	007603014102	COPPER SEALING RING		1	PC	1.000 g		A 14 X 18	DIN7603
	40	915006006000	UNION		1	PC	22.900 g	6		N15006
	50	X54720200151	VENT LINE		1	PC	0.057 kg	SB		
	70	007603014102	COPPER SEALING RING		1	PC	1.000 g		A 14 X 18	DIN7603
	80	915006006000	UNION		1	PC	22.900 g	6		N15006
	90	X54720200164	VENT LINE		1	PC	90.600 g	SB		
	110	700325012100	CLAMP HALF TUBE 1/1 D9-12		6	PC	25.000 g		1/1 D 9 - 12	MMN325
	120	700327008000	GROMMET		3	PC	1.700 g	8		MMN327
	130	304017008083	HEX SCREW		3	PC	15.100 g		M 8 X 30	ISO4017
	140	5569970574	FITTING TEE		1	PC	48.000 g		DN 6 / M14X1,5	
	150	X54720200165	VENT LINE		1	PC	160.000 g	SB		
	170	5551870640	BRACKET L H:51 S2000 /4000		1	PC	54.900 g			
	200	700325012100	CLAMP HALF TUBE 1/1 D9-12		4	PC	25.000 g		1/1 D 9 - 12	MMN325
	210	700327008000	GROMMET		2	PC	1.700 g	8		MMN327
	220	304017008083	HEX SCREW		2	PC	15.100 g		M 8 X 30	ISO4017
	240	007603014102	COPPER SEALING RING		1	PC	1.000 g		A 14 X 18	DIN7603
	250	915006006000	UNION		1	PC	22.900 g	6		N15006
	260	X54720200077	VENT LINE		1	PC	109.000 g	SB		
	280	700325012100	CLAMP HALF TUBE 1/1 D9-12		2	PC	25.000 g		1/1 D 9 - 12	MMN325
	290	700327008000	GROMMET		1	PC	1.700 g	8		MMN327
	300	304017008084	HEX SCREW		1	PC	16.400 g		M 8 X 35	ISO4017
	310	5569970574	FITTING TEE		1	PC	48.000 g		DN 6 / M14X1,5	
	330	007603014102	COPPER SEALING RING		1	PC	1.000 g		A 14 X 18	DIN7603
	340	915006006000	UNION		1	PC	22.900 g	6		N15006
	350	X54720200076	VENT LINE		1	PC	94.100 g	SB		
	370	700325012100	CLAMP HALF TUBE 1/1 D9-12		2	PC	25.000 g		1/1 D 9 - 12	MMN325
	380	700327008000	GROMMET		1	PC	1.700 g	8		MMN327
	390	304017008084	HEX SCREW		1	PC	16.400 g		M 8 X 35	ISO4017
198	420	X54720200233	DISTRIBUTOR BLOCK		1	PC	4.483 kg			
	430	000125008427	WASHER		2	PC	1.500 g		A 8,4	DIN125
	440	304017008087	HEX SCREW		2	PC	21.300 g		M 8 X 50	ISO4017
	450	007603014102	COPPER SEALING RING		9	PC	1.000 g		A 14 X 18	DIN7603
	460	915006006000	UNION		9	PC	22.900 g	6		N15006
	480	X54820200054	VENT LINE		1	PC	198.000 g	SB		
	500	5551870640	BRACKET L H:51 S2000 /4000		1	PC	54.900 g			
	510	700325012100	CLAMP HALF TUBE 1/1 D9-12		6	PC	25.000 g		1/1 D 9 - 12	MMN325
	520	700327008000	GROMMET		3	PC	1.700 g	8		MMN327
	530	304017008083	HEX SCREW		3	PC	15.100 g		M 8 X 30	ISO4017
	540	5551870640	BRACKET L H:51 S2000 /4000		1	PC	54.900 g			
	560	007603012106	WASHER A COP		1	PC	1.520 g		A 12 X 18	DIN7603
	570	915013006002	UNION		1	PC	19.600 g	6		N15013
	580	X54720200060	VENT LINE		1	PC	46.900 g	SB		
	590	5569970574	FITTING TEE		1	PC	48.000 g		DN 6 / M14X1,5	
	610	007603012106	WASHER A COP		1	PC	1.520 g		A 12 X 18	DIN7603
	620	915013006002	UNION		1	PC	19.600 g	6		N15013
	630	X54720200061	VENT LINE		1	PC	98.200 g	SB		
	650	700325012100	CLAMP HALF TUBE 1/1 D9-12		4	PC	25.000 g		1/1 D 9 - 12	MMN325
	660	700327008000	GROMMET		2	PC	1.700 g	8		MMN327
	670	304017008083	HEX SCREW		2	PC	15.100 g		M 8 X 30	ISO4017
	690	X54720200062	VENT LINE		1	PC	185.000 g	SB		
	710	700325012100	CLAMP HALF TUBE 1/1 D9-12		2	PC	25.000 g		1/1 D 9 - 12	MMN325
	720	700327008000	GROMMET		1	PC	1.700 g	8		MMN327
	730	304017008083	HEX SCREW		1	PC	15.100 g		M 8 X 30	ISO4017
	750	007603012106	WASHER A COP		1	PC	1.520 g		A 12 X 18	DIN7603

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	760	915013006002	UNION		1	PC	19.600 g	6		N15013
	770	X54720200244	VENT LINE		1	PC	0.150 kg			
	790	700325012100	CLAMP HALF TUBE 1/1 D9-12		2	PC	25.000 g		1/1 D 9 - 12	MMN325
	800	700327008000	GROMMET		1	PC	1.700 g	8		MMN327
	810	304017008083	HEX SCREW		1	PC	15.100 g		M 8 X 30	ISO4017
	830	X54720200231	RETAINER FOR COOLANT VENT.		1	PC	0.760 kg			
	840	007349010002	WASHER		2	PC	11.000 g	10,5		DIN7349
	850	000000001465	HEX SCREW		2	PC	78.200 g		M 10 X120	ISO4014
	880	700325012104	CLAMP HALF TUBE 2/1 D9-12		2	PC	33.800 g		2/1 D 9 - 12	MMN325
	890	700327008000	GROMMET		2	PC	1.700 g	8		MMN327
	900	304017008083	HEX SCREW		1	PC	15.100 g		M 8 X 30	ISO4017
	910	700325012104	CLAMP HALF TUBE 2/1 D9-12		2	PC	33.800 g		2/1 D 9 - 12	MMN325
	920	700327008000	GROMMET		2	PC	1.700 g	8		MMN327
	930	304017008083	HEX SCREW		1	PC	15.100 g		M 8 X 30	ISO4017
	950	007603016105	COPPER SEALING RING		1	PC	3.000 g		A 16 X 20	DIN7603
	960	915006008002	UNION		1	PC	29.700 g	8		N15006
	970	X52820200121	COOLANT LINE		1	PC	44.500 g	SB		
	980	5569970674	FITTING TEE		1	PC	61.600 g		DN 8 / M16X1,5	
	990	915005008001	CONE SEALING 10		1	PC	4.500 g	10		MBN15005
	1000	915001008003	NUT		1	PC	0.014 kg		8 M 16 X 1,5	N15001
	1010	X54720200067	COOLANT LINE		1	PC	178.000 g	SB		
	1030	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34.000 g		1/1 D 9 - 15	MMN325
	1040	700327010000	GROMMET		1	PC	2.800 g	10		MMN327
	1050	304017008084	HEX SCREW		1	PC	16.400 g		M 8 X 35	ISO4017
	1060	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34.000 g		1/1 D 9 - 15	MMN325
	1070	700327010000	GROMMET		1	PC	2.800 g	10		MMN327
	1080	304017008084	HEX SCREW		1	PC	16.400 g		M 8 X 35	ISO4017
	1100	X54720200126	VENT LINE		1	PC	71.100 g	SB		
197	1120	735211008001	UNION		1	PC	0.031 kg		8M 14 X 1,5	MTN5211
	1130	X54720300029	VENT LINE		1	PC	147.600 g	SB		
	1150	700325012100	CLAMP HALF TUBE 1/1 D9-12		2	PC	25.000 g		1/1 D 9 - 12	MMN325
	1160	700327008000	GROMMET		1	PC	1.700 g	8		MMN327
	1170	304017008083	HEX SCREW		1	PC	15.100 g		M 8 X 30	ISO4017
	1190	5551870640	BRACKET L H:51 S2000 /4000		1	PC	54.900 g			
	1200	000125010524	WASHER		1	PC	3.100 g		A 10,5	DIN125
	1210	304017010015	HEX SCREW		1	PC	39.200 g		M 10 X 60	ISO4017
	1220	700325012100	CLAMP HALF TUBE 1/1 D9-12		2	PC	25.000 g		1/1 D 9 - 12	MMN325
	1230	700327008000	GROMMET		1	PC	1.700 g	8		MMN327
	1240	304017008083	HEX SCREW		1	PC	15.100 g		M 8 X 30	ISO4017
	1260	700325012100	CLAMP HALF TUBE 1/1 D9-12		2	PC	25.000 g		1/1 D 9 - 12	MMN325
	1270	700327008000	GROMMET		1	PC	1.700 g	8		MMN327
	1280	304017008083	HEX SCREW		1	PC	15.100 g		M 8 X 30	ISO4017
	1300	X54820300020	VENT LINE		1	PC	198.600 g	SB		
	1320	700325012100	CLAMP HALF TUBE 1/1 D9-12		2	PC	25.000 g		1/1 D 9 - 12	MMN325
	1330	700327008000	GROMMET		1	PC	1.700 g	8		MMN327
	1335	304017008083	HEX SCREW		1	PC	15.100 g		M 8 X 30	ISO4017
	1350	5551870640	BRACKET L H:51 S2000 /4000		2	PC	54.900 g			
	1360	700325012100	CLAMP HALF TUBE 1/1 D9-12		2	PC	25.000 g		1/1 D 9 - 12	MMN325
	1370	700327008000	GROMMET		1	PC	1.700 g	8		MMN327
	1380	304017008083	HEX SCREW		1	PC	15.100 g		M 8 X 30	ISO4017
	1390	700325012100	CLAMP HALF TUBE 1/1 D9-12		2	PC	25.000 g		1/1 D 9 - 12	MMN325
	1400	700327008000	GROMMET		1	PC	1.700 g	8		MMN327
	1420	X54720200071	RETAINER		1	PC	169.200 g			
197	1490	735211008001	UNION		1	PC	0.031 kg		8M 14 X 1,5	MTN5211


☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	1500	700160000006	ELBOW 90 DEG KR 6		1	PC	44.800 g		KR 6	MMN160
	1510	X52999100105/88	HOSE		1	PC	146.000 g		W1-DN6X570	
	1520	700160000006	ELBOW 90 DEG KR 6		1	PC	44.800 g		KR 6	MMN160
	1540	136M52010/1	BRACKET L H:100		1	PC	48.000 g			
	1550	916016012201	CLAMP		1	PC	21.000 g		BRSGU 12/20	N16016
	1560	000125008427	WASHER		1	PC	1.500 g		A 8,4	DIN125
	1570	204017008022	HEX SCREW		1	PC	10.000 g		M 8 X 14	ISO4017
	1580	136M52010/1	BRACKET L H:100		1	PC	48.000 g			
	1590	916016012201	CLAMP		1	PC	21.000 g		BRSGU 12/20	N16016
	1600	000125008427	WASHER		1	PC	1.500 g		A 8,4	DIN125
	1610	204017008022	HEX SCREW		1	PC	10.000 g		M 8 X 14	ISO4017
197	1630	735211008001	UNION		1	PC	0.031 kg		8M 14 X 1,5	MTN5211
	1640	700160000006	ELBOW 90 DEG KR 6		1	PC	44.800 g		KR 6	MMN160
	1650	X54899100020/88	HOSE		1	PC	149.100 g		W1-DN6X610	
	1660	0029908171	ELBOW		1	PC	35.700 g			
	1670	136M52010/1	BRACKET L H:100		1	PC	48.000 g			
	1680	916016012201	CLAMP		1	PC	21.000 g		BRSGU 12/20	N16016
	1690	000125008427	WASHER		1	PC	1.500 g		A 8,4	DIN125
	1700	204017008022	HEX SCREW		1	PC	10.000 g		M 8 X 14	ISO4017
	1710	136M52010/1	BRACKET L H:100		1	PC	48.000 g			
	1720	916016012201	CLAMP		2	PC	21.000 g		BRSGU 12/20	N16016
	1730	000125008427	WASHER		1	PC	1.500 g		A 8,4	DIN125
	1740	204017008022	HEX SCREW		1	PC	10.000 g		M 8 X 14	ISO4017
	1750	916016008202	CLAMP		1	PC	17.900 g		BRSGU 8/20	N16016
	1760	8331590594	SPACER S2000/4000		1	PC	14.900 g			
	1770	304017008083	HEX SCREW		1	PC	15.100 g		M 8 X 30	ISO4017
	1780	304032008014	NUT HEX 8 A3C		1	PC	4.800 g		M 8	ISO4032
	1800	007603014102	COPPER SEALING RING		1	PC	1.000 g		A 14 X 18	DIN7603
	1810	915013008002	SCREW NECK		1	PC	24.000 g		8 (M16X1,5/M14X1,5)	N15013
	1820	X54720200065	COOLANT LINE		1	PC	280.000 g		SB	
	1830	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34.000 g		1/1 D 9 - 15	MMN325
	1840	700327010000	GROMMET		1	PC	2.800 g		10	MMN327
	1850	304017008084	HEX SCREW		1	PC	16.400 g		M 8 X 35	ISO4017
	1860	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34.000 g		1/1 D 9 - 15	MMN325
	1870	700327010000	GROMMET		1	PC	2.800 g		10	MMN327
	1880	304017008084	HEX SCREW		1	PC	16.400 g		M 8 X 35	ISO4017
	1900	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34.000 g		1/1 D 9 - 15	MMN325
	1910	700327010000	GROMMET		1	PC	2.800 g		10	MMN327
	1920	304017008084	HEX SCREW		1	PC	16.400 g		M 8 X 35	ISO4017
	1930	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34.000 g		1/1 D 9 - 15	MMN325
	1940	700327010000	GROMMET		1	PC	2.800 g		10	MMN327
	1950	304017008084	HEX SCREW		1	PC	16.400 g		M 8 X 35	ISO4017
	1970	X54799100338/88	HOSE		1	PC	164.900 g		W1-DN6X750 M14X1,5	
	1980	0029908171	ELBOW		1	PC	35.700 g			
	1990	700160000006	ELBOW 90 DEG KR 6		1	PC	44.800 g		KR 6	MMN160
	2010	916016012201	CLAMP		3	PC	21.000 g		BRSGU 12/20	N16016
	2020	000125008427	WASHER		3	PC	1.500 g		A 8,4	DIN125
	2030	304017008077	HEX SCREW		3	PC	10.500 g		M 8 X 16	ISO4017
	2040	5315461043	BRACKET L H:52	8V2000M90	1	PC	81.100 g			
	2050	000125008427	WASHER		1	PC	1.500 g		A 8,4	DIN125
	2080	X57599100381	SPACER SLEEVE F. HOT ENGINE PARTS		1	PC	0.052 kg			
	2090	007349008002	WASHER		1	PC	7.900 g		8,4	DIN7349
	2100	304017008085	HEX SCREW		1	PC	18.000 g		M 8 X 40	ISO4017
	2110	X54899100025	RETAINER		1	PC	47.000 g		SB	

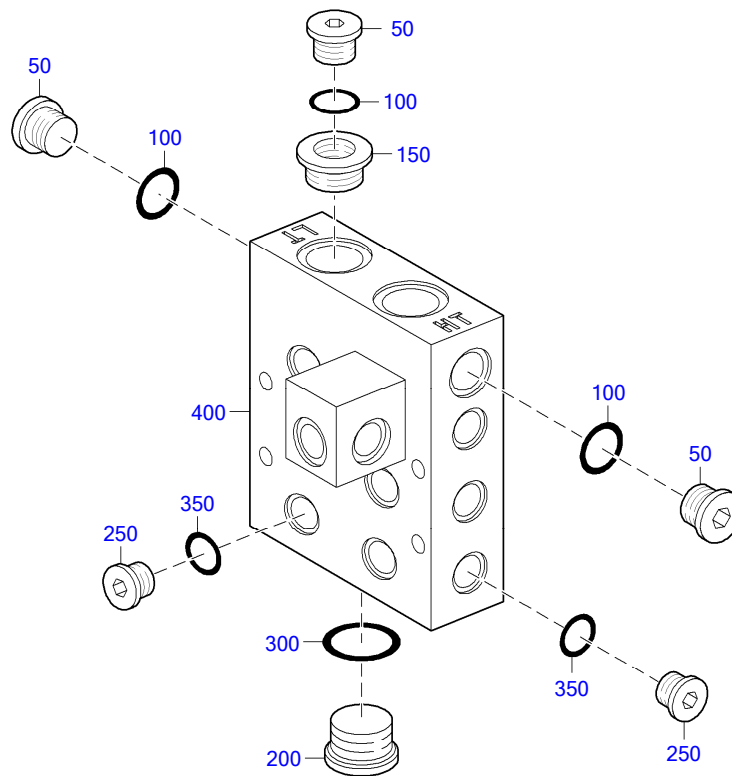
☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	2115	000125010524	WASHER		1	PC	3.100 g		A 10,5	DIN125
	2120	204014010032	HEX SCREW		1	PC	42.900 g		M 10 X 60	ISO4014
	2130	916016012201	CLAMP		1	PC	21.000 g		BRSGU 12/20	N16016
	2140	000125008427	WASHER		1	PC	1.500 g		A 8,4	DIN125
	2150	304017008077	HEX SCREW		1	PC	10.500 g		M 8 X 16	ISO4017
	2180	007603014102	COPPER SEALING RING		1	PC	1.000 g		A 14 X 18	DIN7603
	2190	915013008002	SCREW NECK		1	PC	24.000 g		8 (M16X1,5/M14X1,5)	N15013
	2200	X54720200066	COOLANT LINE		1	PC	0.280 kg	SB		
	2210	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34.000 g		1/1 D 9 - 15	MMN325
	2220	700327010000	GROMMET		1	PC	2.800 g		10	MMN327
	2230	304017008084	HEX SCREW		1	PC	16.400 g		M 8 X 35	ISO4017
	2240	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34.000 g		1/1 D 9 - 15	MMN325
	2250	700327010000	GROMMET		1	PC	2.800 g		10	MMN327
	2260	304017008084	HEX SCREW		1	PC	16.400 g		M 8 X 35	ISO4017
	2280	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34.000 g		1/1 D 9 - 15	MMN325
	2290	700327010000	GROMMET		1	PC	2.800 g		10	MMN327
	2300	304017008084	HEX SCREW		1	PC	16.400 g		M 8 X 35	ISO4017
	2310	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34.000 g		1/1 D 9 - 15	MMN325
	2320	700327010000	GROMMET		1	PC	2.800 g		10	MMN327
	2330	304017008084	HEX SCREW		1	PC	16.400 g		M 8 X 35	ISO4017
	2350	5242031540	BRACKET		1	PC	93.900 g			
	2370	007349013002	WASHER		1	PC	24.500 g		13	DIN7349
	2380	000000001040	HEX SCREW		1	PC	58.300 g		M 12 X 60	ISO4017
	2385	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34.000 g		1/1 D 9 - 15	MMN325
	2390	700327010000	GROMMET		1	PC	2.800 g		10	MMN327
	2400	304017008084	HEX SCREW		1	PC	16.400 g		M 8 X 35	ISO4017
	2420	X54799100339/88	HOSE		1	PC	0.170 kg		W1-DN6X850 M14X1,5	
	2430	700160000006	ELBOW 90 DEG KR 6		1	PC	44.800 g		KR 6	MMN160
	2450	916016012201	CLAMP		1	PC	21.000 g		BRSGU 12/20	N16016
	2460	000125008427	WASHER		1	PC	1.500 g		A 8,4	DIN125
	2470	304017008081	HEX SCREW		1	PC	13.400 g		M 8 X 25	ISO4017
	2480	000125008427	WASHER		1	PC	1.500 g		A 8,4	DIN125
	2490	X54899100026	RETAINER		1	PC	100.300 g			
	2500	007349008002	WASHER		1	PC	7.900 g		8,4	DIN7349
	2510	304032008014	NUT HEX 8 A3C		2	PC	4.800 g		M 8	ISO4032
	2520	007349008002	WASHER		1	PC	7.900 g		8,4	DIN7349
	2530	304017008079	HEX SCREW		1	PC	11.700 g		M 8 X 20	ISO4017
	2540	5241538440	BRACKET		1	PC	30.100 g	SB		
	2550	007349008002	WASHER		1	PC	7.900 g		8,4	DIN7349
	2560	304017008079	HEX SCREW		2	PC	11.700 g		M 8 X 20	ISO4017
	2570	916016012201	CLAMP		1	PC	21.000 g		BRSGU 12/20	N16016
	2580	000125008427	WASHER		1	PC	1.500 g		A 8,4	DIN125
	2600	700325015100	CLAMP HALF TUBE 1/1 D9-15		2	PC	34.000 g		1/1 D 9 - 15	MMN325
	2610	700327010000	GROMMET		1	PC	2.800 g		10	MMN327
	2620	304017008088	HEX SCREW		1	PC	22.600 g		M 8 X 55	ISO4017
	2630	X54799100920	RETAINER		1	PC	0.294 kg			
	2640	000125008427	WASHER		2	PC	1.500 g		A 8,4	DIN125
	2650	304017008081	HEX SCREW		2	PC	13.400 g		M 8 X 25	ISO4017
	2670	5240780045	BLOCK JUNCTION MULTI-PORT		1	PC	404.000 g	EM		
	2680	000125006431	WASHER		1	PC	0.800 g		A 6,4	DIN125
	2690	304017006066	HEX SCREW		2	PC	8.400 g		M 6 X 35	ISO4017
	2700	000125006431	WASHER		1	PC	0.800 g		A 6,4	DIN125
	2710	007603018101	COPPER SEALING RING		2	PC	1.300 g		A 18 X 22	DIN7603
	2720	000908018002	PLUG		2	PC	0.029 kg		M 18 X 1,5	DIN908

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	2730	007603014102	COPPER SEALING RING		4	PC	1.000 g		A 14 X 18	DIN7603
	2740	915006006000	UNION		2	PC	22.900 g		6	N15006
	2750	000908014001	SCREW PLUG		2	PC	0.016 kg		M 14 X 1,5	DIN908
199	2760	X54720300148	PIPE LINE		1	PC	0.217 kg			
	2770	700325012100	CLAMP HALF TUBE 1/1 D9-12		2	PC	25.000 g		1/1 D 9 - 12	MMN325
	2780	700327008000	GROMMET		1	PC	1.700 g		8	MMN327
	2790	X51699100035	BRACKET		1	PC	106.100 g			
	2800	007349008002	WASHER		1	PC	7.900 g		8,4	DIN7349
	2810	304017008085	HEX SCREW		1	PC	18.000 g		M 8 X 40	ISO4017
	2820	304032008014	NUT HEX 8 A3C		1	PC	4.800 g		M 8	ISO4032
	2830	007349013002	WASHER		1	PC	24.500 g		13	DIN7349
	2840	204017012028	HEX SCREW		1	PC	76.000 g		M 12 X 80	ISO4017
	2841	X00043246	RETAINER		1	PC	0.110 kg			
	2842	007349008002	WASHER		1	PC	7.900 g		8,4	DIN7349
	2843	304017008081	HEX SCREW		1	PC	13.400 g		M 8 X 25	ISO4017
	2844	700325012100	CLAMP HALF TUBE 1/1 D9-12		2	PC	25.000 g		1/1 D 9 - 12	MMN325
	2845	700327008000	GROMMET		1	PC	1.700 g		8	MMN327
	2846	304017008085	HEX SCREW		1	PC	18.000 g		M 8 X 40	ISO4017
	2847	007349008002	WASHER		1	PC	7.900 g		8,4	DIN7349
	2848	304032008014	NUT HEX 8 A3C		1	PC	4.800 g		M 8	ISO4032
	2850	X54499100390	BRACKET		2	PC	38.700 g			
	2860	000125008427	WASHER		2	PC	1.500 g		A 8,4	DIN125
	2870	304017008089	HEX SCREW		2	PC	24.200 g		M 8 X 60	ISO4017
	2880	700325012100	CLAMP HALF TUBE 1/1 D9-12		4	PC	25.000 g		1/1 D 9 - 12	MMN325
	2890	700327008000	GROMMET		2	PC	1.700 g		8	MMN327
	2900	204017008031	HEX SCREW		2	PC	14.300 g		M 8 X 28	ISO4017
	2910	X00018519	RETAINER		1	PC	65.000 g			
	2920	007349008002	WASHER		1	PC	7.900 g		8,4	DIN7349
	2930	204017008032	HEX SCREW		1	PC	25.500 g		M 8 X 65	ISO4017
	2940	700325012100	CLAMP HALF TUBE 1/1 D9-12		2	PC	25.000 g		1/1 D 9 - 12	MMN325
	2950	700327008000	GROMMET		1	PC	1.700 g		8	MMN327
	2970	007603014102	COPPER SEALING RING		1	PC	1.000 g		A 14 X 18	DIN7603
	2980	915006006000	UNION		1	PC	22.900 g		6	N15006
	2990	700160000006	ELBOW 90 DEG KR 6		1	PC	44.800 g		KR 6	MMN160
	3000	X54799100867/88	HOSE		1	PC	160.000 g			
	3010	916016012201	CLAMP		1	PC	21.000 g		BRSGU 12/20	N16016
	3020	304017008086	HEX SCREW		1	PC	19.400 g		M 8 X 45	ISO4017
	3025	000125008427	WASHER		1	PC	1.500 g		A 8,4	DIN125
	3030	007349008002	WASHER		1	PC	7.900 g		8,4	DIN7349
	3040	304032008014	NUT HEX 8 A3C		1	PC	4.800 g		M 8	ISO4032
	3060	X00018519	RETAINER		1	PC	65.000 g			
	3070	007349008002	WASHER		1	PC	7.900 g		8,4	DIN7349
	3080	304017008079	HEX SCREW		1	PC	11.700 g		M 8 X 20	ISO4017
	3090	916016012201	CLAMP		1	PC	21.000 g		BRSGU 12/20	N16016
	3100	304017008081	HEX SCREW		1	PC	13.400 g		M 8 X 25	ISO4017
	3105	000125008427	WASHER		1	PC	1.500 g		A 8,4	DIN125
	3110	007349008002	WASHER		1	PC	7.900 g		8,4	DIN7349
	3120	304032008014	NUT HEX 8 A3C		1	PC	4.800 g		M 8	ISO4032



TD0000024022\_086

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	735221011000	O-RING	1	PC	0.300 g	11,3 X 2,2 - M14X1,5	MTN5221



20203444

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	50	000908018002	PLUG		4	PC	0.029 kg	M 18 X 1,5	DIN908
	100	007603018101	COPPER SEALING RING		4	PC	1.300 g	A 18 X 22	DIN7603
	150	5319970016	THREADED BUSHING	8V2000	2	PC	32.700 g	M18X1,5/M26X1,5	
	200	000908026005	THREAD PLUG		2	PC	0.069 kg	M 26 X 1,5	DIN908
	250	000908014001	SCREW PLUG		20	PC	0.016 kg	M 14 X 1,5	DIN908
	300	007603026104	COPPER SEALING RING		2	PC	3.100 g	A 26 X 31	DIN7603
	350	007603014102	COPPER SEALING RING		20	PC	1.000 g	A 14 X 18	DIN7603
	400	X54720200232	DISTRIBUTOR BLOCK		1	PC	3.840 kg		


EQUI TYPE: Engine

PRODUCT TYPE: 12V4000C65  
PIPE LINE

SERIAL NUMBER: 5472000318

FG/FGS:

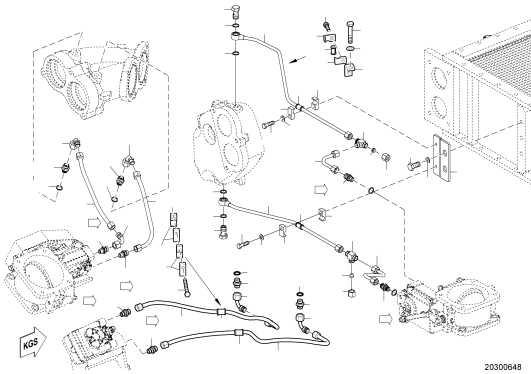
BOM-No.: X54720300148

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	100	915003006202	UNION BALL B2-8	2	PC	10.800 g	B2 - 8	MBN15003
	150	915001006003	NUT	2	PC	12.500 g	6 M 14 X 1,5	N15001

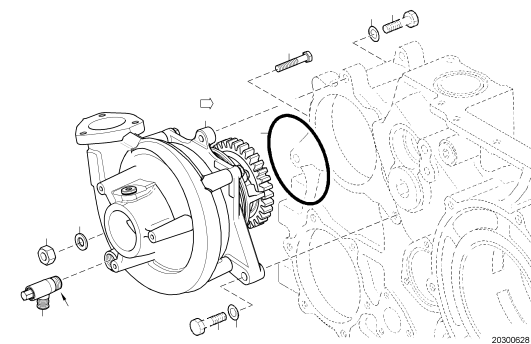
GROUP SEGMENT (FGS)

GROUP NAME

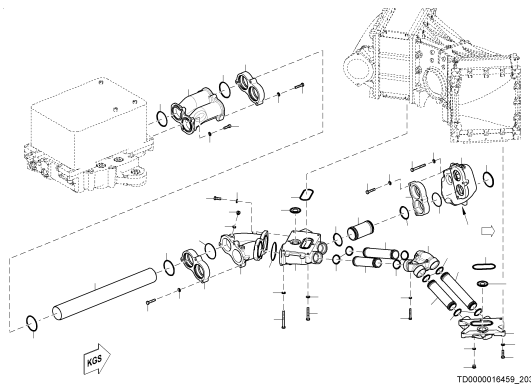
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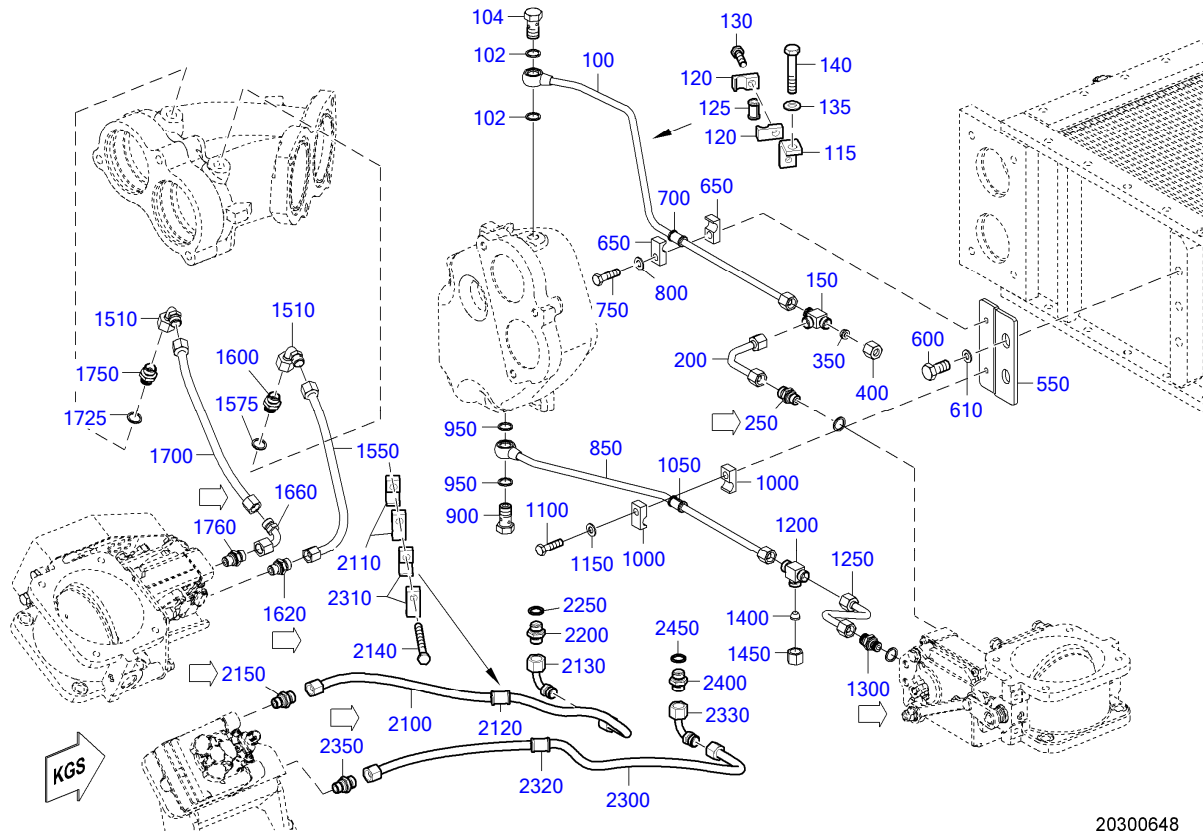
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**COOLANT DUCTING FOR SERVOMOTOR**  
XS547200.00009



05  
**COOLANT PUMP LT CIRCUIT**  
XS547200.00148



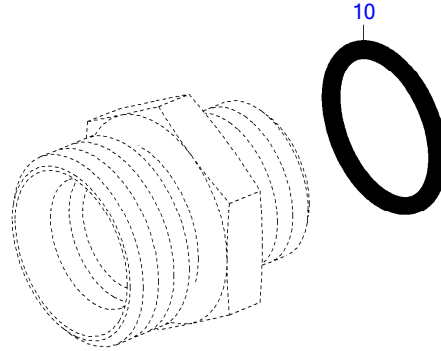
25  
**COOLANT LINE LT CIRCUIT**  
XS547200.00004



20300648

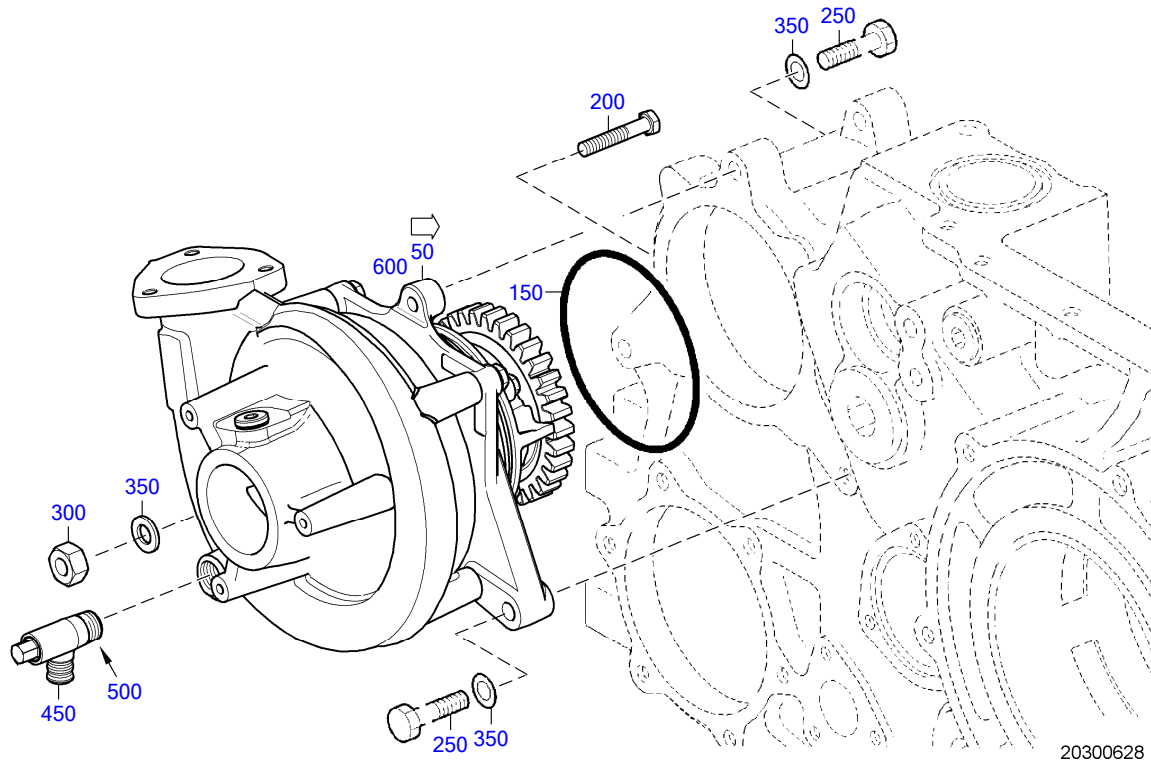
☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	100	X54720300096	COOLANT LINE	1	PC	147.200 g	SB		
	102	007603014102	COPPER SEALING RING	2	PC	1.000 g	A 14 X 18		DIN7603
	104	700223006001	BANJO SCREW	1	PC	37.400 g	A 8		MMN223
	115	5551870640	BRACKET L H:51 S2000 /4000	1	PC	54.900 g			
	120	700325012100	CLAMP HALF TUBE 1/1 D9-12	2	PC	25.000 g	1/1 D 9 - 12		MMN325
	125	700327008000	GROMMET	1	PC	1.700 g	8		MMN327
	130	304017008083	HEX SCREW	1	PC	15.100 g	M 8 X 30		ISO4017
	135	000125010524	WASHER	1	PC	3.100 g	A 10,5		DIN125
	140	00000003347	HEX SCREW	1	PC	37.500 g	M 10 X 55		ISO4017
	150	5569970574	FITTING TEE	1	PC	48.000 g	DN 6 / M14X1,5		
	200	X54720300057	COOLANT LINE FOR ACTUATOR MOTOR	1	PC	55.300 g	SB		
202	250	735211008000	UNION	1	PC	0.023 kg	P	8M 12 X 1,5	MTN5211
	350	915005006000	CONE SEALING 8	1	PC	3.100 g	8		MBN15005
	400	915001006003	NUT	1	PC	12.500 g	6 M 14 X 1,5		N15001
	550	X54799100124	RETAINER	1	PC	303.100 g			
	600	204017012006	HEX SCREW	2	PC	37.000 g	M 12 X 30		ISO4017
	610	735151012100	SPACER S2000/4000	2	PC	20.000 g	A 12,5		MTN5151
	650	700325012100	CLAMP HALF TUBE 1/1 D9-12	2	PC	25.000 g	1/1 D 9 - 12		MMN325
	700	700327008000	GROMMET	1	PC	1.700 g	8		MMN327
	750	00000003521	HEX SCREW	1	PC	14.400 g	M 8 X 30		ISO4017
	800	000125008427	WASHER	1	PC	1.500 g	A 8,4		DIN125
	850	X54720300043	COOLANT LINE	1	PC	128.900 g	SB		
	900	700223006001	BANJO SCREW	1	PC	37.400 g	A 8		MMN223
	950	007603014102	COPPER SEALING RING	2	PC	1.000 g	A 14 X 18		DIN7603
	1000	700325012100	CLAMP HALF TUBE 1/1 D9-12	2	PC	25.000 g	1/1 D 9 - 12		MMN325

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	1050	700327008000	GROMMET	1	PC	1.700 g		8	MMN327
	1100	000000003521	HEX SCREW	1	PC	14.400 g		M 8 X 30	ISO4017
	1150	000125008427	WASHER	1	PC	1.500 g		A 8,4	DIN125
	1200	5569970574	FITTING TEE	1	PC	48.000 g		DN 6 / M14X1,5	
	1250	X54720300056	COOLANT LINE FOR ACTUATOR MOTOR	1	PC	63.500 g		SB	
202	1300	735211008000	UNION	1	PC	0.023 kg	P	8M 12 X 1,5	MTN5211
	1400	915005006000	CONE SEALING 8	1	PC	3.100 g		8	MBN15005
	1450	915001006003	NUT	1	PC	12.500 g		6 M 14 X 1,5	N15001
	1510	700160000006	ELBOW 90 DEG KR 6	2	PC	44.800 g		KR 6	MMN160
	1550	X59399100145/88	HOSE	1	PC	113.400 g		W1-DN6X300	
	1575	007603014102	COPPER SEALING RING	1	PC	1.000 g		A 14 X 18	DIN7603
	1600	915006006000	UNION	1	PC	22.900 g		6	N15006
202	1620	735211008000	UNION	1	PC	0.023 kg	P	8M 12 X 1,5	MTN5211
	1660	700160000006	ELBOW 90 DEG KR 6	1	PC	44.800 g		KR 6	MMN160
	1700	X59399100145/88	HOSE	1	PC	113.400 g		W1-DN6X300	
	1725	007603014102	COPPER SEALING RING	1	PC	1.000 g		A 14 X 18	DIN7603
	1750	915006006000	UNION	1	PC	22.900 g		6	N15006
202	1760	735211008000	UNION	1	PC	0.023 kg	P	8M 12 X 1,5	MTN5211
	2100	X54899100020/88	HOSE	1	PC	149.100 g		W1-DN6X610	
	2110	700325015100	CLAMP HALF TUBE 1/1 D9-15	2	PC	34.000 g		1/1 D 9 - 15	MMN325
	2120	700327010000	GROMMET	1	PC	2.800 g		10	MMN327
	2130	700160000006	ELBOW 90 DEG KR 6	1	PC	44.800 g		KR 6	MMN160
	2140	304014008032	HEX SCREW	1	PC	34.100 g		M 8 X 80	ISO4014
202	2150	735211008000	UNION	1	PC	0.023 kg	P	8M 12 X 1,5	MTN5211
	2200	915006006000	UNION	1	PC	22.900 g		6	N15006
	2250	007603014102	COPPER SEALING RING	1	PC	1.000 g		A 14 X 18	DIN7603
	2300	X54799100338/88	HOSE	1	PC	164.900 g		W1-DN6X750 M14X1,5	
	2310	700325015100	CLAMP HALF TUBE 1/1 D9-15	2	PC	34.000 g		1/1 D 9 - 15	MMN325
	2320	700327010000	GROMMET	1	PC	2.800 g		10	MMN327
	2330	700160000006	ELBOW 90 DEG KR 6	1	PC	44.800 g		KR 6	MMN160
202	2350	735211008000	UNION	1	PC	0.023 kg	P	8M 12 X 1,5	MTN5211
	2400	915006006000	UNION	1	PC	22.900 g		6	N15006
	2450	007603014102	COPPER SEALING RING	1	PC	1.000 g		A 14 X 18	DIN7603

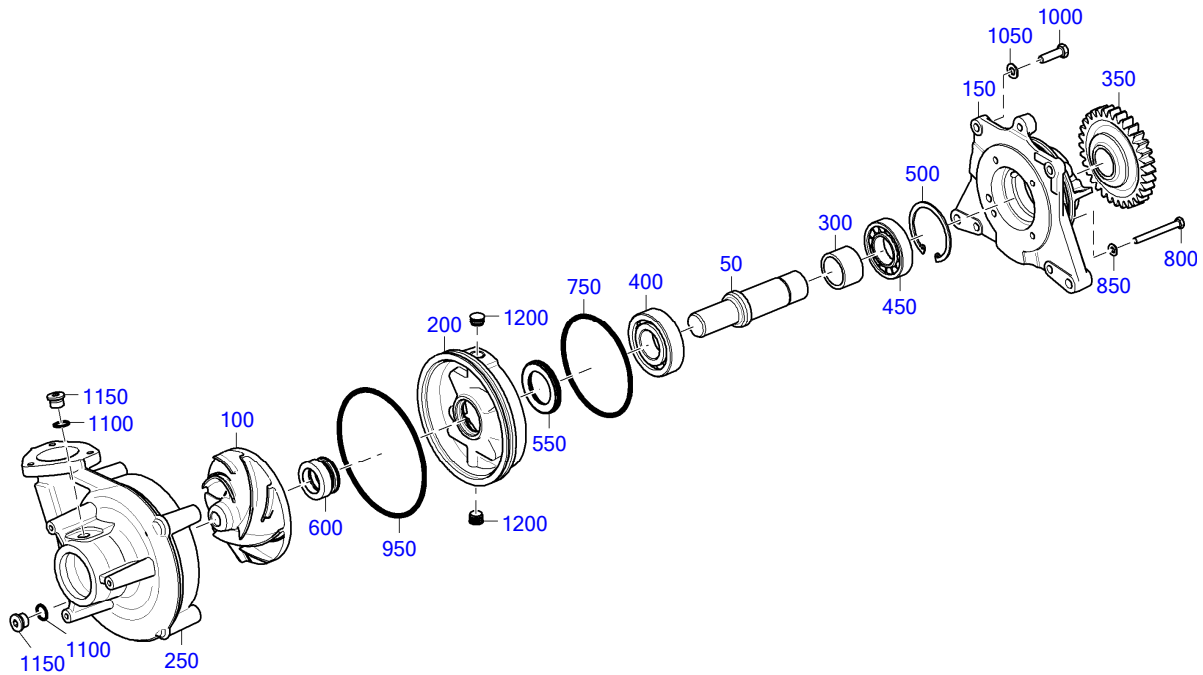


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☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	735221009000	O-RING	1	PC	0.100 g	9,3 X 2,2 - M12X1,5	MTN5221

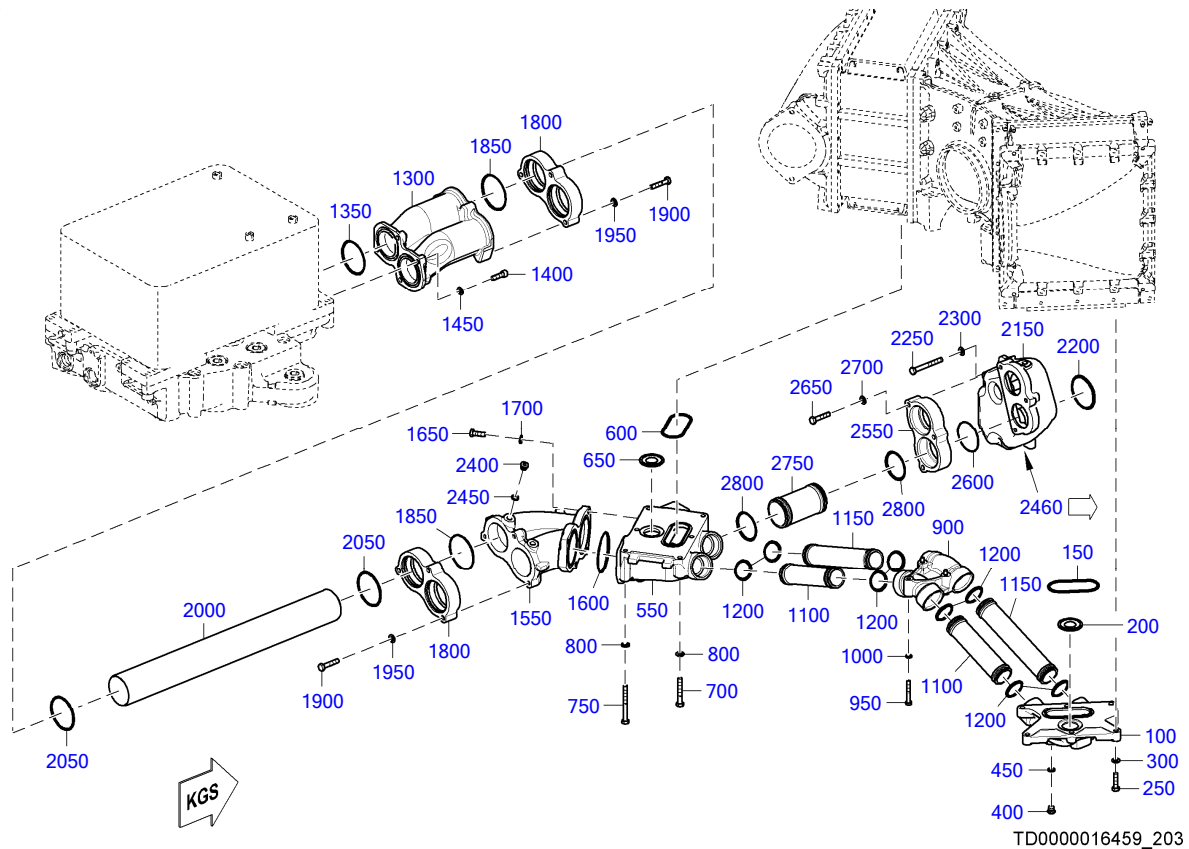


☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
204	50	<b>X54720300141</b>	COOLANT PUMP LT CIRCUIT	1	PC	24.020 kg	EM		
	150	<b>735252130000</b>	O-RING	1	PC	0.010 kg		130 X 5	MTN5252
	200	<b>000000003328</b>	HEX SCREW	1	PC	64.400 g		M 12 X 70	ISO4017
	250	<b>000000003437</b>	HEX SCREW	2	PC	50.800 g		M 12 X 50	ISO4017
	300	<b>000000004744</b>	HEX NUT	1	PC	14.300 g		M 12	ISO4032
	350	<b>000125013012</b>	WASHER	3	PC	5.600 g		A 13	DIN125
	450	<b>0049976736</b>	VALVE DRAIN	1	PC	125.000 g			
	500	<b>50155</b>	TAPE SEALING PTFE	1	PC	0.014 kg		12 X 0,1	MTS5034
	600	<b>EX54720300141</b>	COOLANT PUMP LT CIRCUIT	1	PC		EM		



20300743

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	50	5272010805	SHAFT WTR PMP HI TEMP CLG CIRCUIT	1	PC	1.699 kg		
	100	X00008657	IMPELLER F/ENGINE COOLANT PM	1	PC	765.000 g		
	150	5272010010	BEARING HOUSING	1	PC	7.050 kg		
	200	X54820300021	SEAL CARRIER	1	PC	2.936 kg		
	250	X52420300047	SPIRAL HOUSING FOR COOLANT PUMP	1	PC	7.543 kg		
	300	5272010153	SPACER SLEEVE	1	PC	172.800 g		
	350	X54899100143	GEAR FOR AUX PTO	1	PC	1.780 kg		
	400	200628103006	BEARING ANGULAR CONTACT ROLLER	1	PC	750.000 g	QJ308	DIN628
	450	705100502035	BEARING CYLINDRICAL ROLLER	1	PC	623.000 g	NU208	DIN5412
	500	000472080000	RING SNAP	1	PC	22.000 g	80 X 2,5	DIN472
	550	X52620200028	RADIAL-LIP SHFT SEAL FOR COOLANT PUMP	1	PC	0.030 kg		
	600	X00026765	ROTARY SEAL	1	PC	74.000 g		
	750	700429135000	O-RING	1	PC	18.600 g	135 X 5	MMN429
	800	000931008241	HEX SCREW	4	PC	31.700 g	M 8 X 75	DIN931
	850	000125008427	WASHER	4	PC	1.500 g	A 8,4	DIN125
	950	700429172000	O-RING	1	PC	23.500 g	172 X 5	MMN429
	1000	000000003326	HEX SCREW	4	PC	27.400 g	M 10 X 35	ISO4017
	1050	000125010524	WASHER	4	PC	3.100 g	A 10,5	DIN125
	1100	007603018101	COPPER SEALING RING	2	PC	1.300 g	A 18 X 22	DIN7603
	1150	000908018002	PLUG	2	PC	0.029 kg	M 18 X 1,5	DIN908
	1200	X52699100537	PLUG	2	PC	0.002 kg		

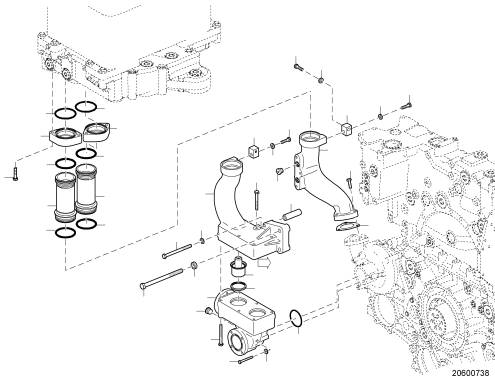


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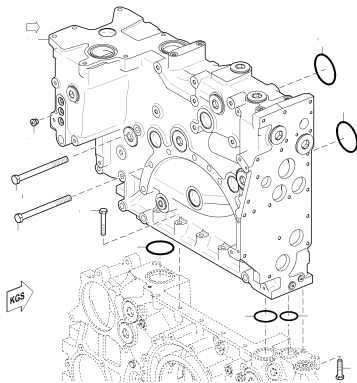
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	100	X54720300008	CONNECTION HOUSING F.INTERCOOLER LHS	1	PC	7.340 kg		
	150	735252095000	O-RING	1	PC	7.000 g	95 X 4	MTN5252
	200	X54720200204	RESTRICTOR	1	PC	13.700 g		
	250	000000001039	HEX SCREW	6	PC	29.800 g	M 10 X 40	ISO4017
	300	000125010524	WASHER	6	PC	3.100 g	A 10,5	DIN125
	400	000908014001	SCREW PLUG	2	PC	0.016 kg	M 14 X 1,5	DIN908
	450	007603014102	COPPER SEALING RING	2	PC	1.000 g	A 14 X 18	DIN7603
	550	X54720300007	DISTRIBUTOR HOUSING F/INTERCOOLER, RIGH	1	PC	11.860 kg		
	600	735252095000	O-RING	1	PC	7.000 g	95 X 4	MTN5252
	650	X54720200204	RESTRICTOR	1	PC	13.700 g		
	700	000000001076	HEX SCREW	3	PC	45.900 g	M 10 X 70	ISO4017
	750	000000003922	HEX SCREW	3	PC	66.600 g	M 10 X100	ISO4014
	800	000125010524	WASHER	6	PC	3.100 g	A 10,5	DIN125
	900	X54720300098	TWIN ELBOW F.TRANSV.CONN. IC	1	PC	2.450 kg		
	950	304017008089	HEX SCREW	3	PC	24.200 g	M 8 X 60	ISO4017
	1000	000125008427	WASHER	3	PC	1.500 g	A 8,4	DIN125
	1100	X54720300004	PLUG-IN PIPE FROM/TO INTERCOOLER	2	PC	894.800 g		
	1150	X54720300005	PLUG-IN PIPE FROM/TO INTERCOOLER	2	PC	1.200 kg		
	1200	735252042000	O-RING	8	PC	0.015 kg	42 X 5	MTN5252
	1300	X54720300001	COOLANT ELBOW LT CIRCUIT	1	PC	6.940 kg		
	1350	735252080000	O-RING	2	PC	6.000 g	80 X 4	MTN5252
	1400	000912010066	BOLT HEX SOC HD	4	PC	29.100 g	M 10 X 35	DIN912
	1450	000125010524	WASHER	4	PC	3.100 g	A 10,5	DIN125
	1550	X54720300014	COOLANT ELBOW	1	PC	7.560 kg		
	1600	735252090001	O-RING	2	PC	6.700 g	90 X 4	MTN5252

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	1650	000000001464	HEX SCREW	4	PC	24.900 g	M 10 X 30	ISO4017
	1700	000125010524	WASHER	4	PC	3.100 g	A 10,5	DIN125
	1800	X54799100523	DUAL-PURPOSE PLATE ON COOLANT DISTR HS	2	PC	2.577 kg		
	1850	735252085000	O-RING	4	PC	6.400 g	85 X 4	MTN5252
	1900	000000001042	HEX SCREW	6	PC	34.600 g	M 10 X 50	ISO4017
	1950	000125010524	WASHER	6	PC	3.100 g	A 10,5	DIN125
	2000	X54720300012	COOLANT LINE LT COOLANT CIRCUIT	2	PC	3.320 kg		
	2050	735252080002	O-RING	4	PC	14.160 g	80 X 6	MTN5252
	2200	735252080000	O-RING	2	PC	6.000 g	80 X 4	MTN5252
	2250	000000003322	HEX SCREW	4	PC	60.800 g	M 10 X 90	ISO4014
	2300	000125010524	WASHER	4	PC	3.100 g	A 10,5	DIN125
	2400	000908014001	SCREW PLUG	1	PC	0.016 kg	M 14 X 1,5	DIN908
	2450	007603014102	COPPER SEALING RING	1	PC	1.000 g	A 14 X 18	DIN7603
38	2460	735210014000	THREAD PLUG	1	PC	0.019 kg	M 14 X 1,5	MTN5210
	2550	X54720300025	DUAL-PURPOSE PLATE TO INTERCOOLER	1	PC	2.387 kg		
	2600	735252074000	O-RING	2	PC	5.600 g	74 X 4	MTN5252
	2650	000000003347	HEX SCREW	3	PC	37.500 g	M 10 X 55	ISO4017
	2700	000125010524	WASHER	3	PC	3.100 g	A 10,5	DIN125
	2750	X54720300006	PLUG-IN PIPE TO INTERCOOLER	2	PC	875.000 g		
	2800	735252065000	O-RING	4	PC	7.700 g	65 X 5	MTN5252
		X54720300128	COOLANT ELBOW LT CIRCUIT	1	ST	11.416 kg		

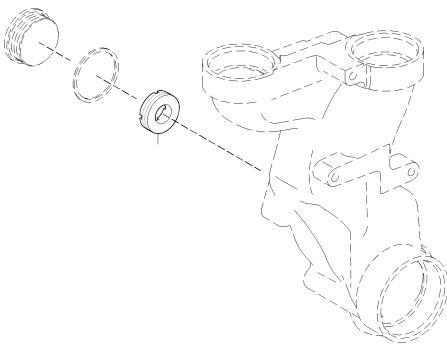
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GROUP NAME  
BOM-No.



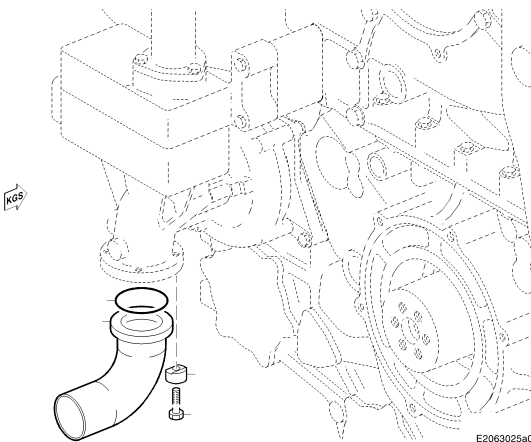
05  
**THERMOSTAT HOUSING LT CIRCUIT**  
XS547200.00101



05  
**COOLANT DISTRIB HSG**  
XS594200.00019



10  
**RESTRICTOR**  
X00028741

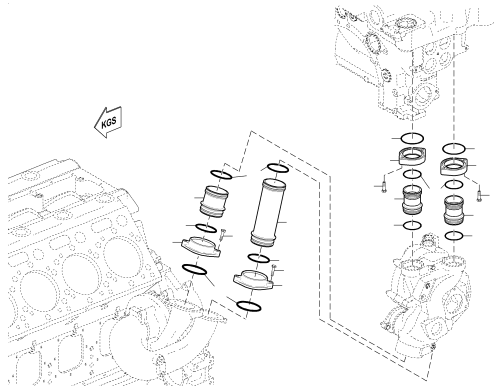


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**COOLANT ELBOW LT CIRCUIT**  
200.00115

GROUP SEGMENT (FGS)

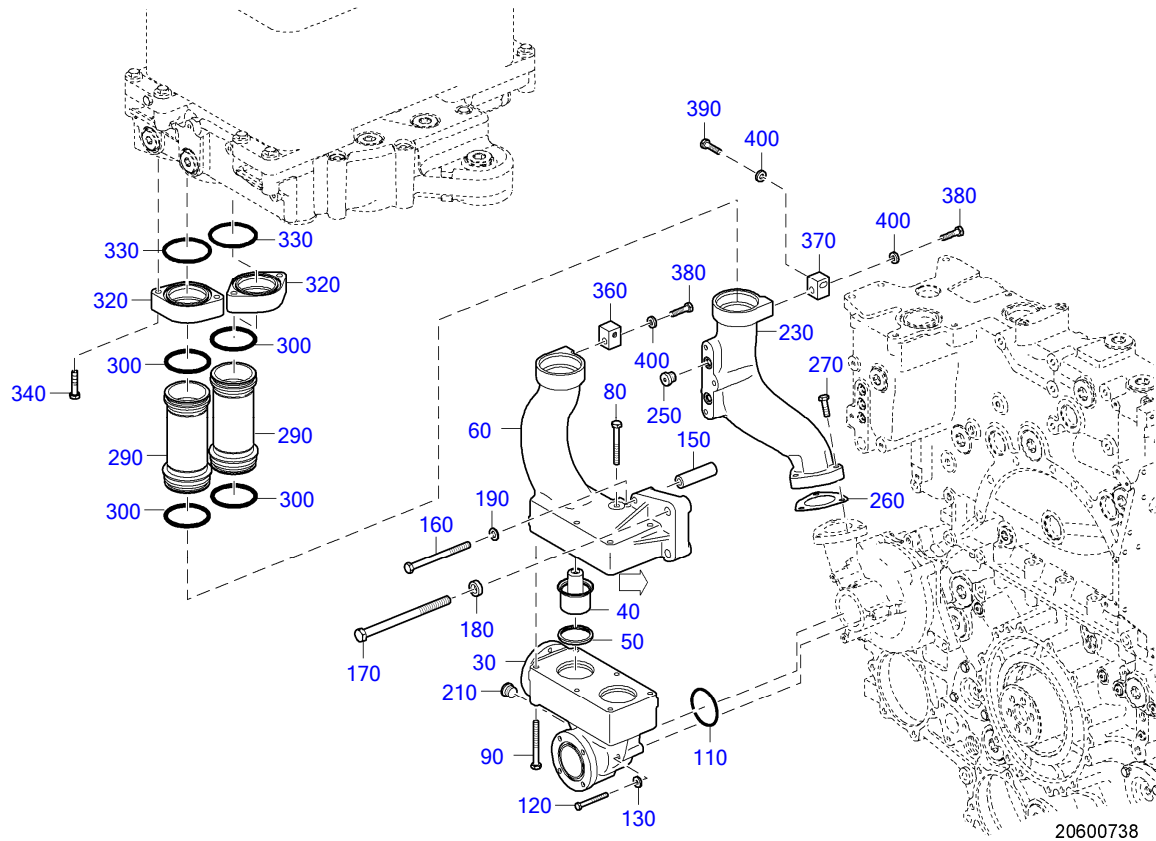
GROUP NAME

BOM-No.



15  
THERMOSTAT HOUSING HT COOLANT CIRCUIT  
XS529200.00024

20202927




☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	30	X54720300113	THERMOSTAT HOUSING		1	PC	12.783 kg			
	40	X52420300037	THERMAL ACTUATOR	DICHTRING AUS FKM MTL5076	2	PC	178.800 g	EM		
	50	05132155	SEALING RING		2	PC	20.000 g			
	60	X54720300079	THERMOSTAT HOUSING		1	PC	11.000 kg			
	80	204014010039	HEX SCREW		4	PC	58.900 g	M 10 X 85		ISO4014
	90	000000004740	HEX SCREW		2	PC	63.400 g	M 10 X 95		ISO4014
	110	735252072000	O-RING		1	PC	0.003 kg	72 X 3		MTN5252
	120	304017008090	HEX SCREW		3	PC	27.300 g	M 8 X 70		ISO4017
	130	007349008002	WASHER		3	PC	7.900 g	8,4		DIN7349
	150	5282030653	TUBE SPACER		1	PC	235.700 g			
	160	000000003921	HEX SCREW		1	PC	138.500 g	M 12 X150		ISO4014
	170	204014016019	HEX SCREW		2	PC	516.000 g	M 16 X320		ISO4014
	180	5581420076	WASHER		2	PC	28.700 g			
	190	000125013012	WASHER		1	PC	5.600 g	A 13		DIN125
	210	5319970832	PLUG		1	PC	0.055 kg	M22X1.5		
	230	X00028045	ELBOW THERMOSTAT HSG		1	PC	7.300 kg			
38	250	735210014000	THREAD PLUG		1	PC	0.019 kg	M 14 X 1,5		MTN5210
	260	52720300080	GASKET		1	PC	6.500 g			
	270	000000003711	HEX SCREW		3	PC	29.400 g	M 10 X 40		ISO4017
	290	5262003251	TUBE ASM 178	4000-03	2	PC	1.100 kg			
	300	735252070000	O-RING		4	PC	8.500 g	70 X 5		MTN5252
	320	5262030439	FLANGE WELDING-NECK		2	PC	620.000 g			
	330	735252076000	O-RING		2	PC	5.600 g	76 X 4		MTN5252
	340	204017010021	HEX SCREW		4	PC	32.500 g	M 10 X 45		ISO4017
	360	X52820300020	RETAINER		1	PC	285.000 g			

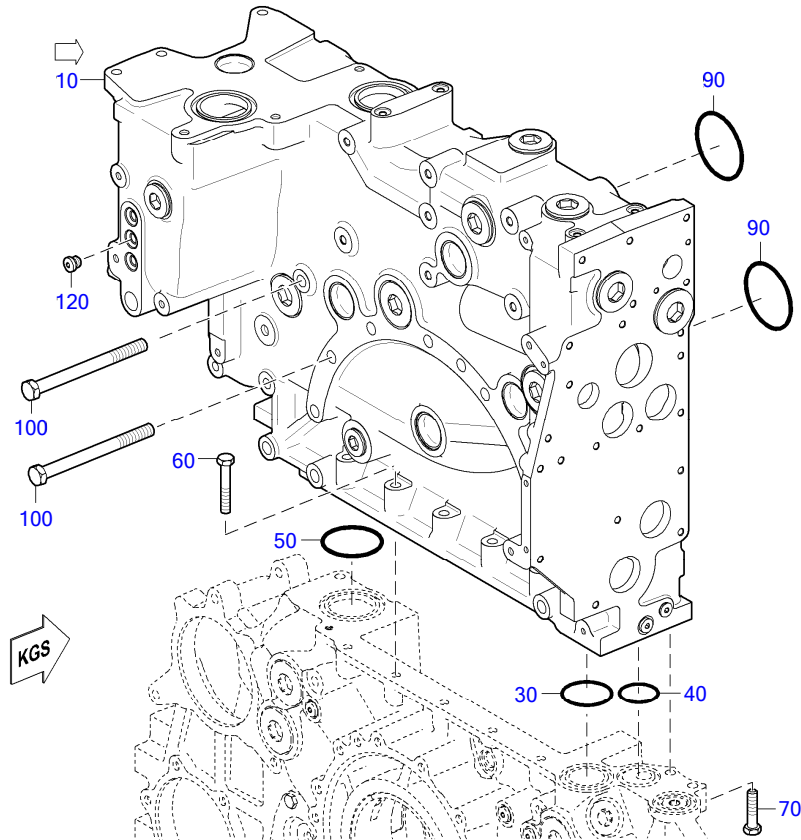
EQUI TYPE: Engine

PRODUCT TYPE: 12V4000C65  
THERMOSTAT HOUSING LT CIRCUIT

SERIAL NUMBER: 5472000318

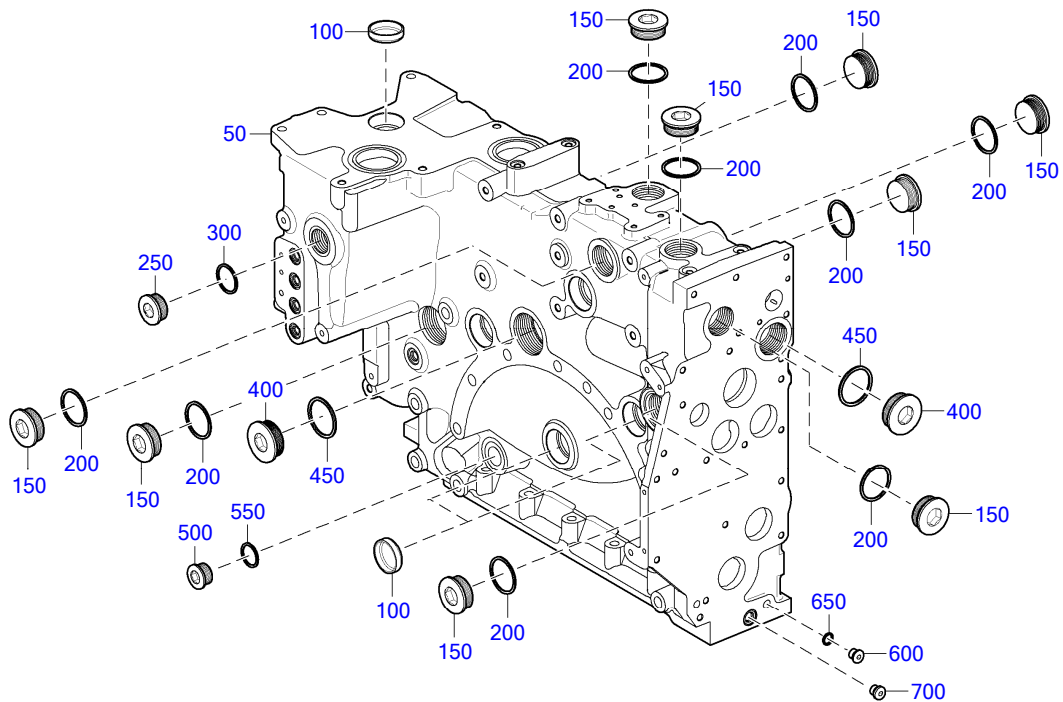
FG/FGS: 206 05  
BOM-No.: XS547200.00101

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	370	X52820300021	RETAINER		1	PC	260.000 g			
	380	204017010021	HEX SCREW		2	PC	32.500 g		M 10 X 45	ISO4017
	390	000000004742	HEX SCREW		1	PC	46.600 g		M 10 X 75	ISO4017
	400	735151010100	SPACER		3	PC	11.000 g		A 10,5	MTN5151



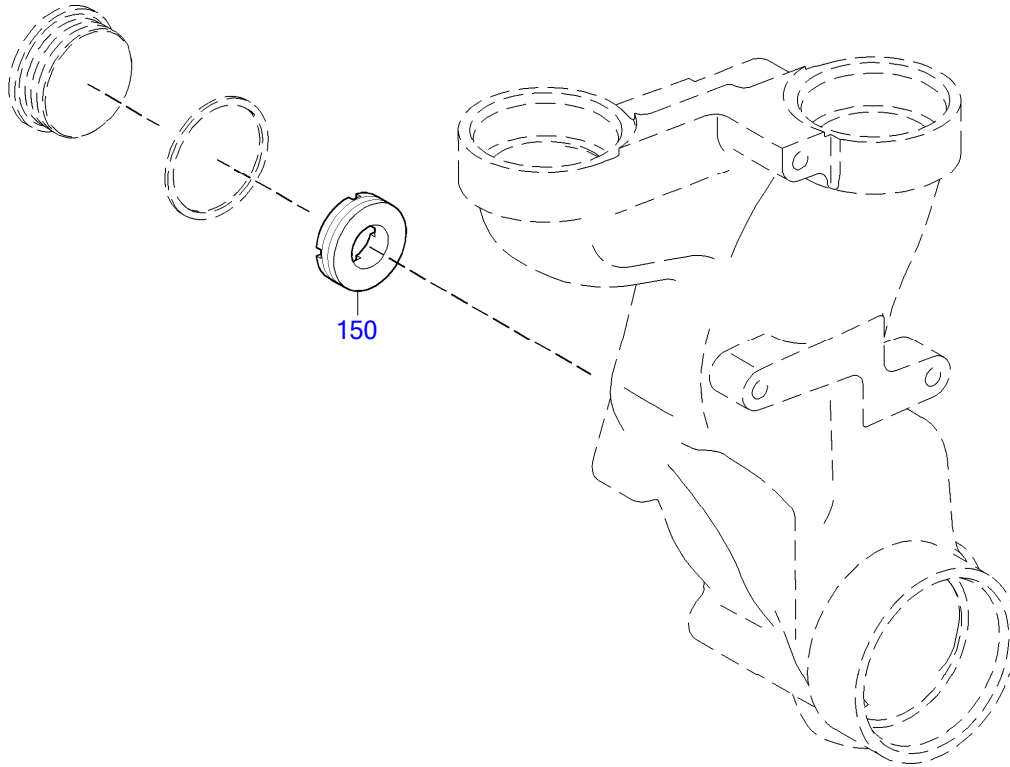
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☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
209	10	X59320200160	Coolant Distr. Hsg. S4000 Type 03-04	1	PC	152.000 kg		
	30	735252055000	O-RING	1	PC	6.400 g	55 X 5	MTN5252
	40	735252042000	O-RING	1	PC	0.015 kg	42 X 5	MTN5252
	50	735252070000	O-RING	1	PC	8.500 g	70 X 5	MTN5252
	60	204017012015	HEX SCREW	2	PC	50.000 g	M 12 X 50	ISO4017
	70	000000002970	HEX SCREW	5	PC	64.700 g	M 12 X 70	ISO4017
	90	735252083000	O-RING	2	PC	9.600 g	83 X 5	MTN5252
	100	000000002973	HEX SCREW	2	PC	302.800 g	M 16 X 180	ISO4014
38	120	735210014000	THREAD PLUG	4	PC	0.019 kg	M 14 X 1,5	MTN5210



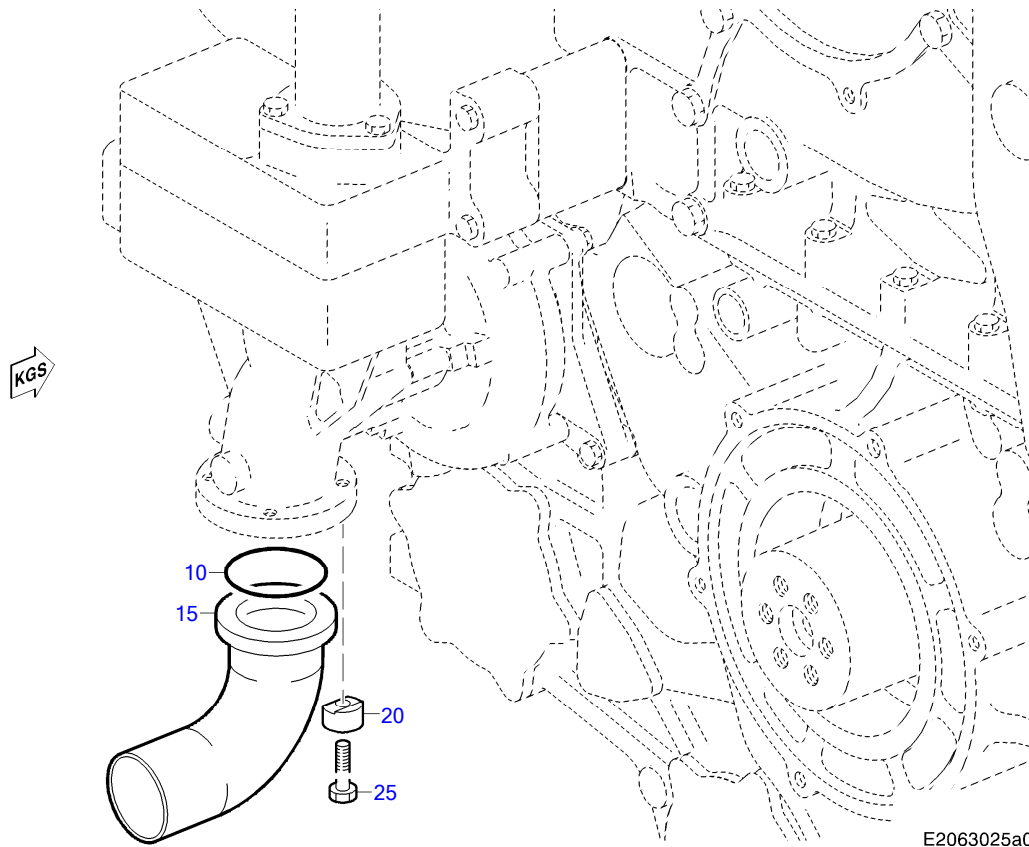
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☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	50	X59320200159	COOLANT DISTR. HSG	1	PC	147.000 kg		
	100	5249970020	SEALING CAP	8	PC	62.600 g	D 50	
	150	000908048004	THREAD PLUG	9	PC	0.247 kg	M 48 X 1,5	DIN908
	200	007603048101	COPPER SEALING RING	9	PC	7.700 g	A 48 X 55	DIN7603
	250	000908038000	THREAD PLUG	3	PC	0.150 kg	M 38 X 1,5	DIN908
	300	007603038101	COPPER SEALING RING	3	PC	5.400 g	A 38 X 44	DIN7603
	400	000908052003	THREAD PLUG	2	PC	0.298 kg	M 52 X 1,5	DIN908
	450	007603052101	COPPER SEALING RING	2	PC	12.500 g	A 52 X 60	DIN7603
	500	000908030002	THREAD PLUG	2	PC	0.085 kg	M 30 X 1,5	DIN908
	550	007603030101	COPPER SEALING RING	2	PC	4.300 g	A 30 X 36	DIN7603
	600	000908014001	SCREW PLUG	1	PC	0.016 kg	M 14 X 1,5	DIN908
	650	007603014102	COPPER SEALING RING	1	PC	1.000 g	A 14 X 18	DIN7603
38	700	735210014000	THREAD PLUG	1	PC	0.019 kg	M 14 X 1,5	MTN5210



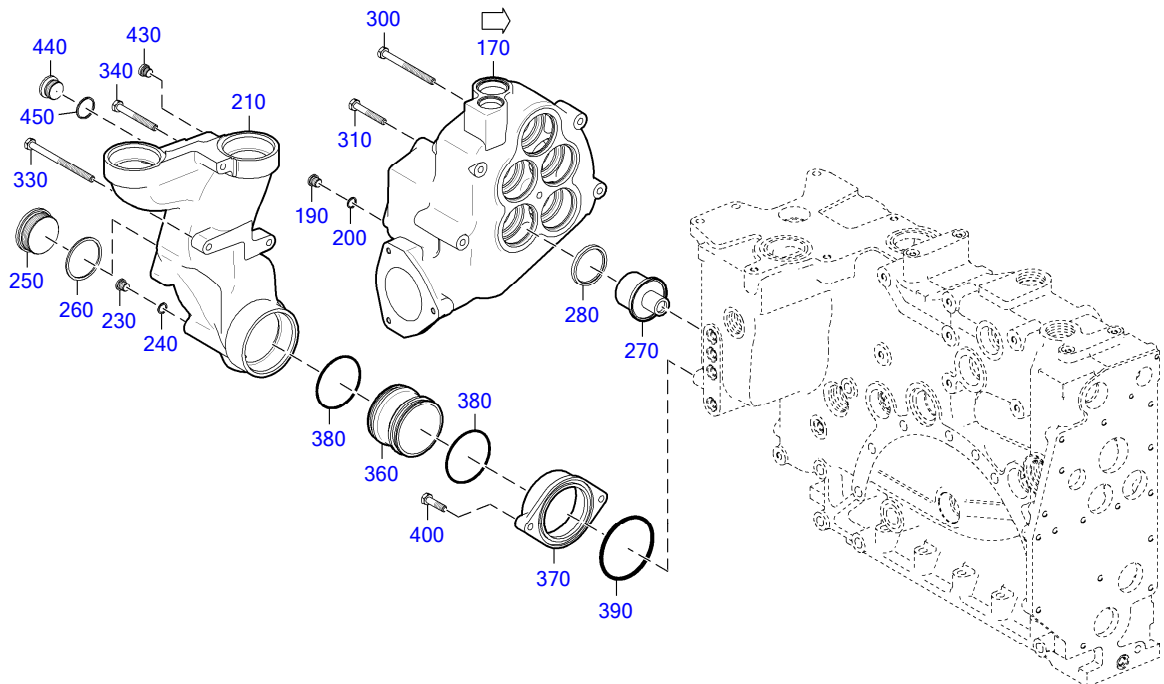
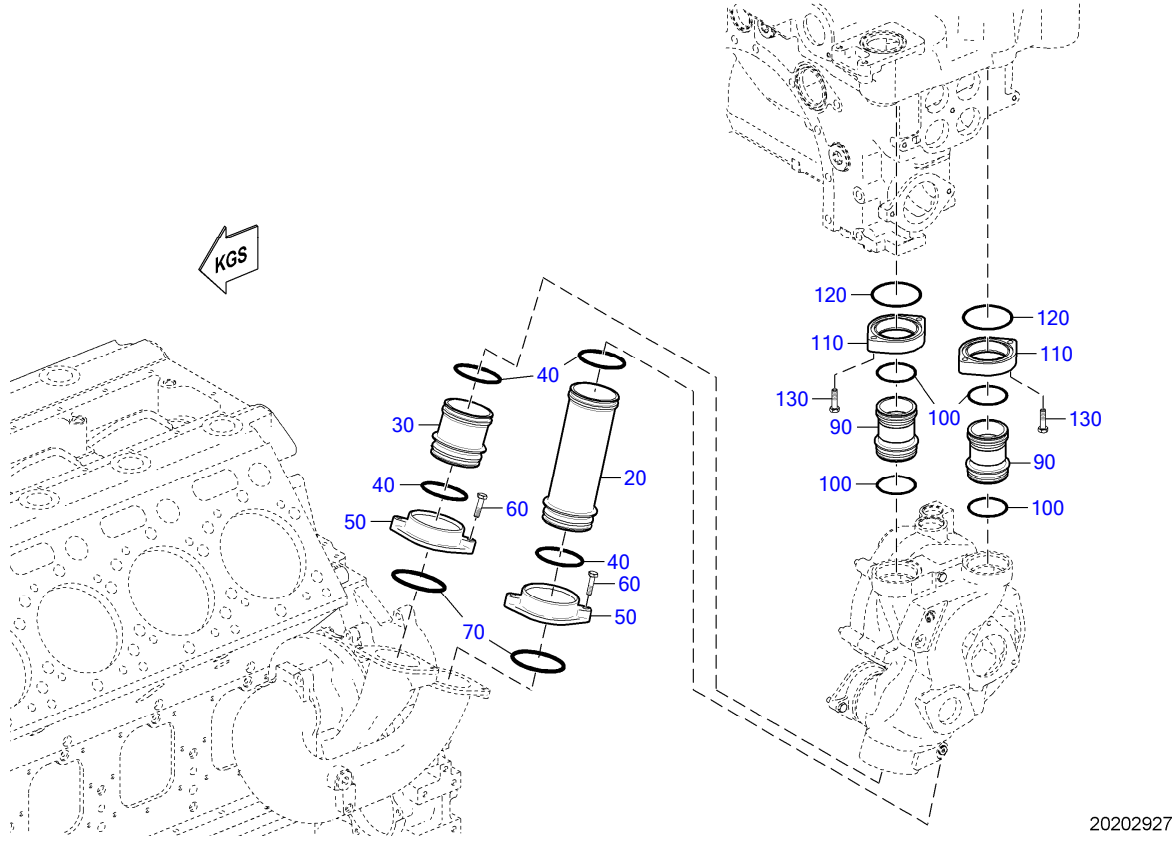
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☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
	150	X00040386	RESTRICTOR	1	PC	210.000 g



E2063025a0

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	700429072000	O-RING	1	PC	3.600 g	72 X 3	MMN429
	15	5242001318	ELBOW	1	PC	1.369 kg		
	20	5242030338	CLAMP	4	PC	58.400 g		
	25	000000003326	HEX SCREW	4	PC	27.400 g	M 10 X 35	ISO4017



☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	20	5282030053	TUBE PLUG-IN 277 L		1	PC	2.120 kg			
	30	5282030153	TUBE PLUG-IN 106 L	4000	1	PC	950.000 g			
	40	735252085001	O-RING		4	PC	13.600 g	85 X 6		MTN5252
	50	5242030139	FLANGE		2	PC	1.200 kg			
	60	000000001039	HEX SCREW		4	PC	29.800 g	M 10 X 40		ISO4017
	70	735252100000	O-RING		2	PC	11.500 g	100 X 5		MTN5252
	90	5282000151	TUBE	20V4000	2	PC	700.000 g	SB		
	100	735252070000	O-RING		4	PC	8.500 g	70 X 5		MTN5252
	110	5282030039	FLANGE		2	PC	1.100 kg			
	120	735252090000	O-RING		2	PC	0.011 kg	90 X 5		MTN5252
	130	000000001039	HEX SCREW		4	PC	29.800 g	M 10 X 40		ISO4017
213	170	X54720200357	THERMOSTAT HOUSING HIGH-TEMP CIRCUIT		1	PC	25.200 kg			
	190	000908014001	SCREW PLUG		1	PC	0.016 kg	M 14 X 1,5		DIN908
	200	007603014102	COPPER SEALING RING		1	PC	1.000 g	A 14 X 18		DIN7603
	210	X59420200402	TWIN ELBOW		1	PC	16.100 kg			
	230	000908014001	SCREW PLUG		1	PC	0.016 kg	M 14 X 1,5		DIN908
	240	007603014102	COPPER SEALING RING		1	PC	1.000 g	A 14 X 18		DIN7603
	250	000908064000	PLUG		1	PC	0.515 kg	M 64 X 2		DIN908
	260	007603064100	WASHER A COP		1	PC	15.000 g	A 64 X 72		DIN7603
214	270	X59420300059	THERMAL ACTUATOR	DICHTRING AUS FKM MTL5076	5	PC	178.300 g	EM		
	280	05132155	SEALING RING		5	PC	20.000 g			
	300	000000001465	HEX SCREW		2	PC	78.200 g	M 10 X120		ISO4014
	310	000000001076	HEX SCREW		1	PC	45.900 g	M 10 X 70		ISO4017
	330	000000003323	HEX SCREW		2	PC	95.400 g	M 10 X150		ISO4014
	340	000000003322	HEX SCREW		1	PC	60.800 g	M 10 X 90		ISO4014
	360	5242032053	CONNECTOR WATER TUBE		1	PC	550.000 g			
	370	5242030139	FLANGE		1	PC	1.200 kg			
	380	735252085001	O-RING		2	PC	13.600 g	85 X 6		MTN5252
	390	735252100000	O-RING		1	PC	11.500 g	100 X 5		MTN5252
	400	000000001039	HEX SCREW		2	PC	29.800 g	M 10 X 40		ISO4017
38	430	735210014000	THREAD PLUG		2	PC	0.019 kg	M 14 X 1,5		MTN5210
	440	000908030002	THREAD PLUG		1	PC	0.085 kg	M 30 X 1,5		DIN908
	450	007603030101	COPPER SEALING RING		1	PC	4.300 g	A 30 X 36		DIN7603


EQUI TYPE: Engine

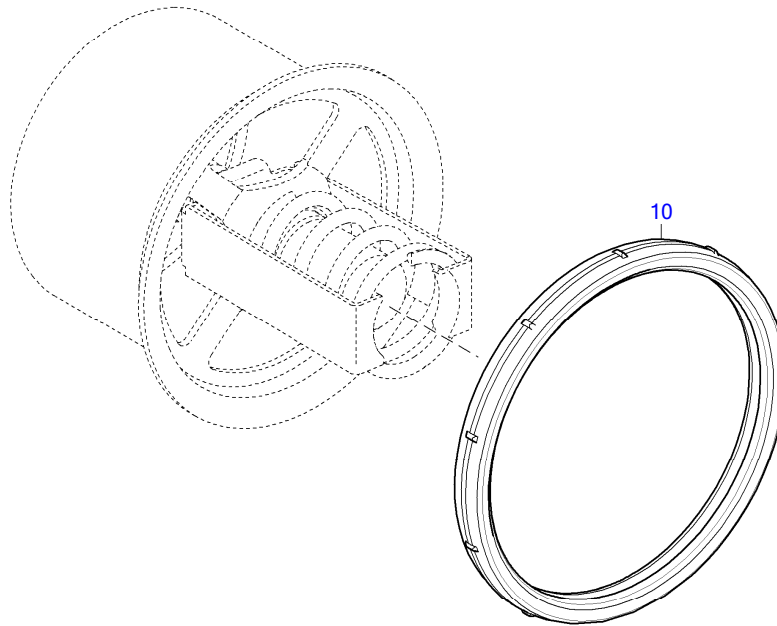
PRODUCT TYPE: 12V4000C65  
THERMOSTAT HOUSING HIGH-TEMP CIRCUIT

SERIAL NUMBER: 5472000318

FG/FGS:

BOM-No.: X54720200357

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT
	50	X54720200356	THERMOSTAT HOUSING HIGH-TEMP CIRCUIT	1	PC		
	100	5249970020	SEALING CAP	2	PC	62.600 g	D 50
	150	5370160233	SEALING CAP	1	PC	32.000 g	D 40



20600750

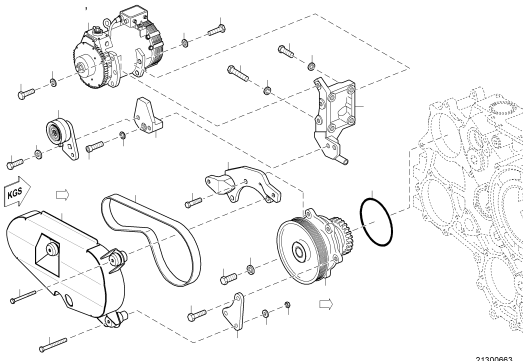
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	10	XP59420300091	SEAL RING	1	PC	0.930 kg

GROUP SEGMENT (FGS)

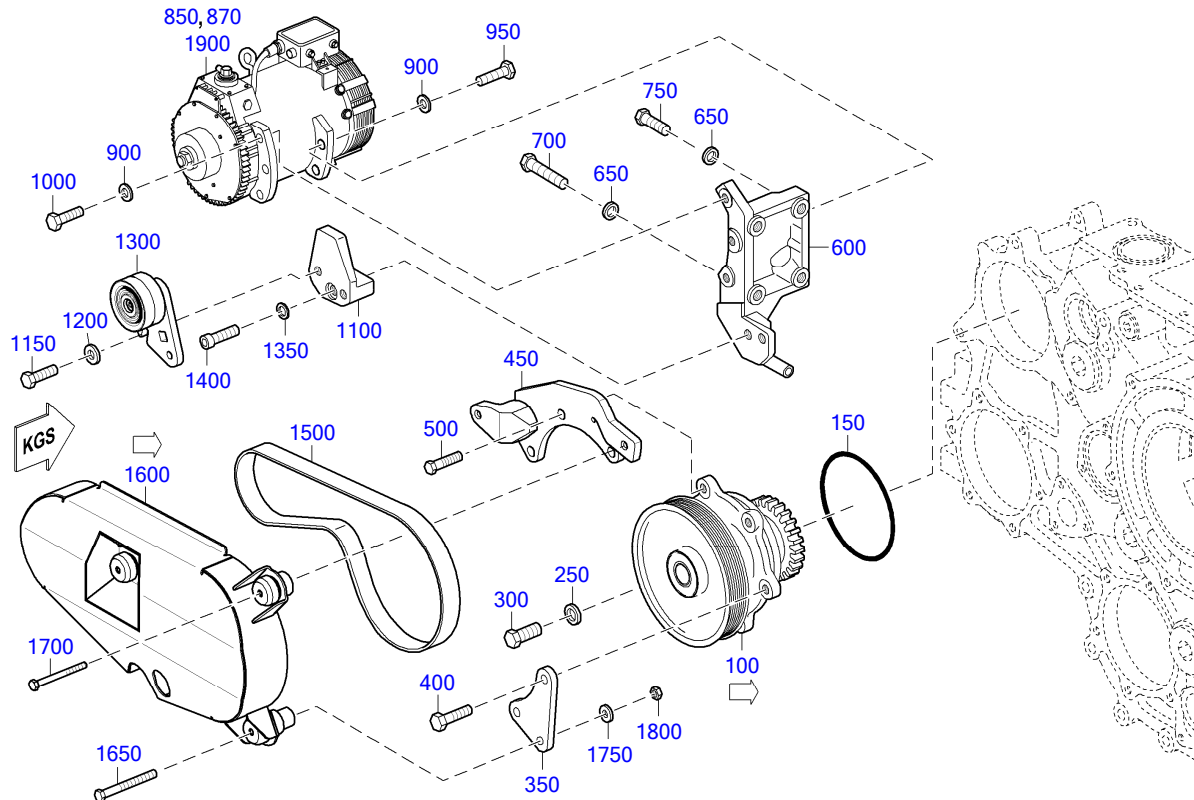
GROUP NAME

BOM-No.

05  
GENERATOR RIGHT SIDE  
XS547210.00006



21300683



21300663

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	217	100	X52802600011	DRIVE FOR ATT. HARDWARE	1	PC	10.836 kg			
		150	700429135000	O-RING	1	PC	18.600 g		135 X 5	MMN429
		250	735151012100	SPACER S2000/4000	1	PC	20.000 g		A 12,5	MTN5151
		300	000000000905	HEX SCREW	1	PC	40.000 g		M 12 X 40	ISO4017
		350	X59402600018	RETAINER	1	PC	430.000 g	SB		
		400	204017012014	HEX SCREW	2	PC	45.000 g		M 12 X 45	ISO4017
		450	X59402600023	RETAINER	1	PC	1.600 kg			
		500	204017012014	HEX SCREW	3	PC	45.000 g		M 12 X 45	ISO4017
		600	X00021704	BRACKET ALT SUPT	1	PC	3.600 kg			
		650	5590770176	WASHER	4	PC	7.700 g			
		700	000000002970	HEX SCREW	2	PC	64.700 g		M 12 X 70	ISO4017
		750	204017012014	HEX SCREW	2	PC	45.000 g		M 12 X 45	ISO4017
		850	X52421300037	ALTERNATOR	1	PC	36.300 kg			NIEHOFF C626
		870	EX52421300037	ALTERNATOR	1	PC	37.000 kg			
		900	5590770176	WASHER	5	PC	7.700 g			
		950	204017012014	HEX SCREW	2	PC	45.000 g		M 12 X 45	ISO4017
		1000	000000000905	HEX SCREW	3	PC	40.000 g		M 12 X 40	ISO4017
		1100	X52421300039	RETAINER FOR BELT TENSIONER	1	PC	1.194 kg			
		1150	000000001039	HEX SCREW	2	PC	29.800 g		M 10 X 40	ISO4017
		1200	007349010002	WASHER	2	PC	11.000 g		10,5	DIN7349
		1300	X59499100767	V-BELT TENSIONER	1	PC	1.043 kg			
		1350	000125010524	WASHER	1	PC	3.100 g		A 10,5	DIN125
		1400	204762010002	SCREW	1	PC	35.000 g		M 10 X 45	ISO4762
		1500	X59499100622	V-RIBBED BELT	1	PC	115.200 g			
		1600	X59402800027	PROTECTIVE COVER	1	PC	4.032 kg	SB		


EQUI TYPE: Engine

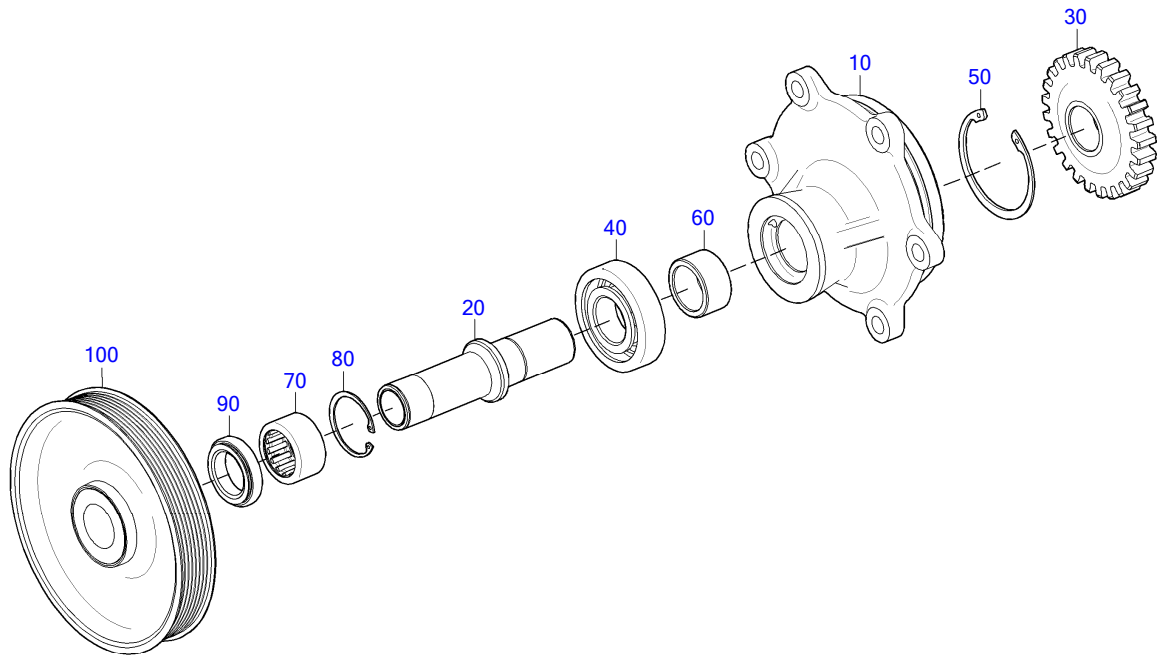
PRODUCT TYPE: 12V4000C65  
GENERATOR RIGHT SIDE

SERIAL NUMBER: 5472000318

FG/FGS: 213 05

BOM-No.: XS547210.00006

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	1650	000000003496	HEX SCREW		1	PC	38.200 g		M 8 X 90	ISO4014
	1700	000000001463	HEX SCREW		2	PC	30.500 g		M 8 X 80	ISO4017
	1750	007349008002	WASHER		1	PC	7.900 g		8,4	DIN7349
	1800	304032008014	NUT HEX 8 A3C		1	PC	4.800 g		M 8	ISO4032
	1900	RX52421300037	ALTERNATOR	NIEHOFF C626	1	PC	37.350 kg			



21300273a

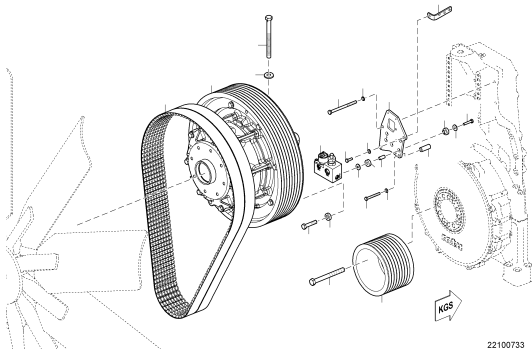
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	10	<b>23540902</b>	HSG ACSRY DRV HVY DTY LRG BRG UNITIZED	1	PC	3.000 kg		
	20	<b>X52802600004</b>	SHAFT FOR DRIVE	1	PC	1.254 kg		
	30	<b>X00018270</b>	GEAR FOR DRIVE	1	PC	1.100 kg		
	40	<b>205412503005</b>	CYL ROLLER BEARING	1	PC	550.000 g	NUP 307 M A	DIN5412
	50	<b>23509204</b>	RING RET ACSRY DRV LRG BALL BRG	1	PC	24.100 g		
	60	<b>X00018267</b>	SPACER SLEEVE FOR DRIVE	1	PC	0.120 kg		
	70	<b>23511745</b>	BEARING NDL ROLLER HVY DTY ACSRY DRV	1	PC	143.400 g		
	80	<b>23511746</b>	RING RET INT 187 HVY DTY ACSRY DRV	1	PC	0.010 kg		
	90	<b>23523995</b>	SEALING RING	1	PC	0.030 kg		
	100	<b>X00036694</b>	PULLEY ACCESSORY DRIVE POLY-V	1	PC	2.470 kg		

GROUP SEGMENT (FGS)

GROUP NAME

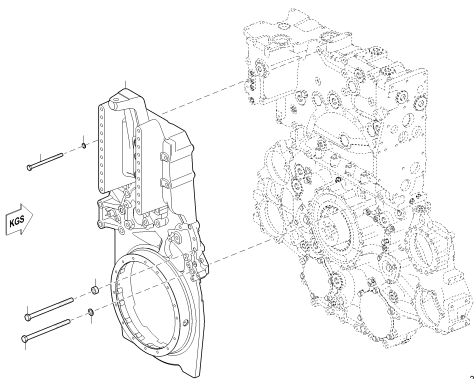
BOM-No.

05  
FAN DRIVE  
XS547220.00028

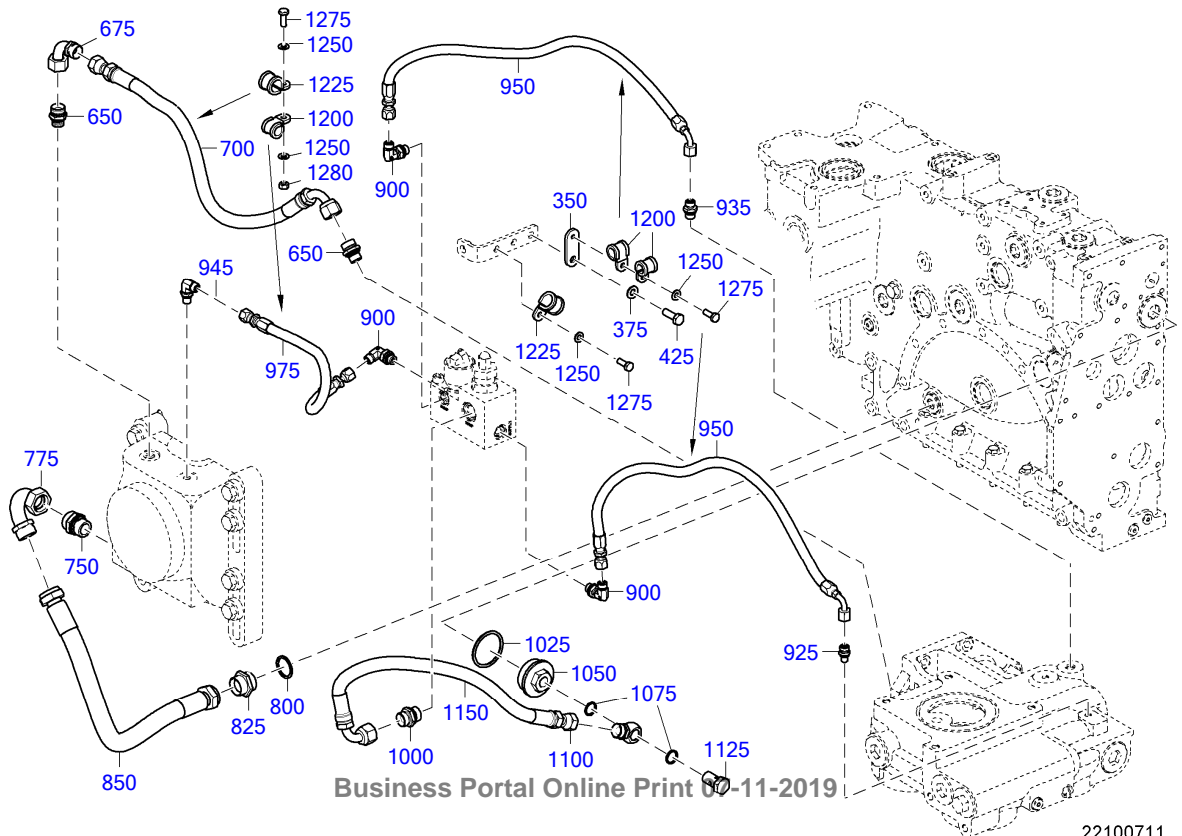
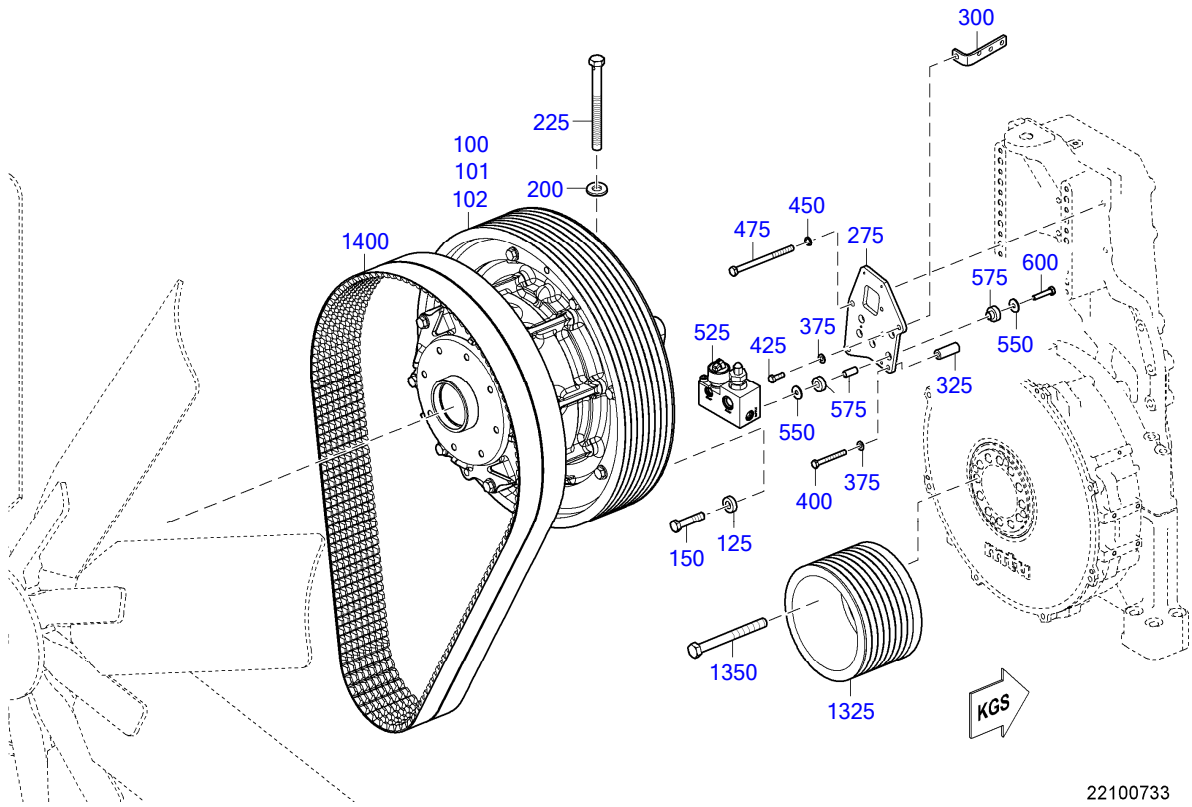


22100733

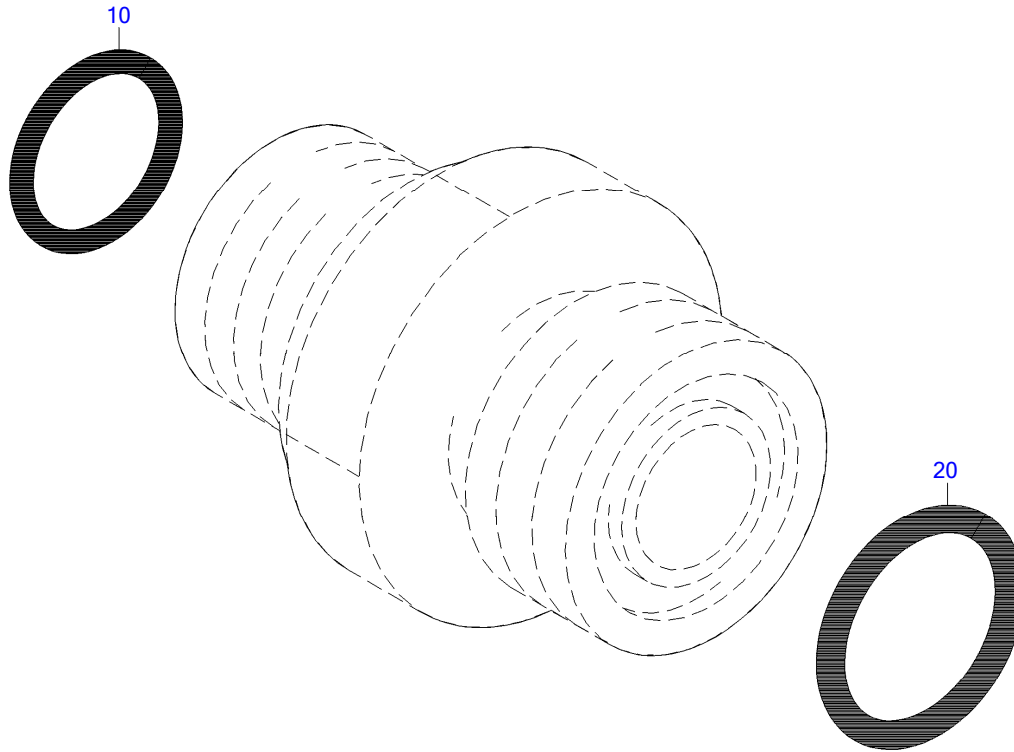
05  
RETAINER FOR FAN DRIVE  
XS549220.00010




22100721

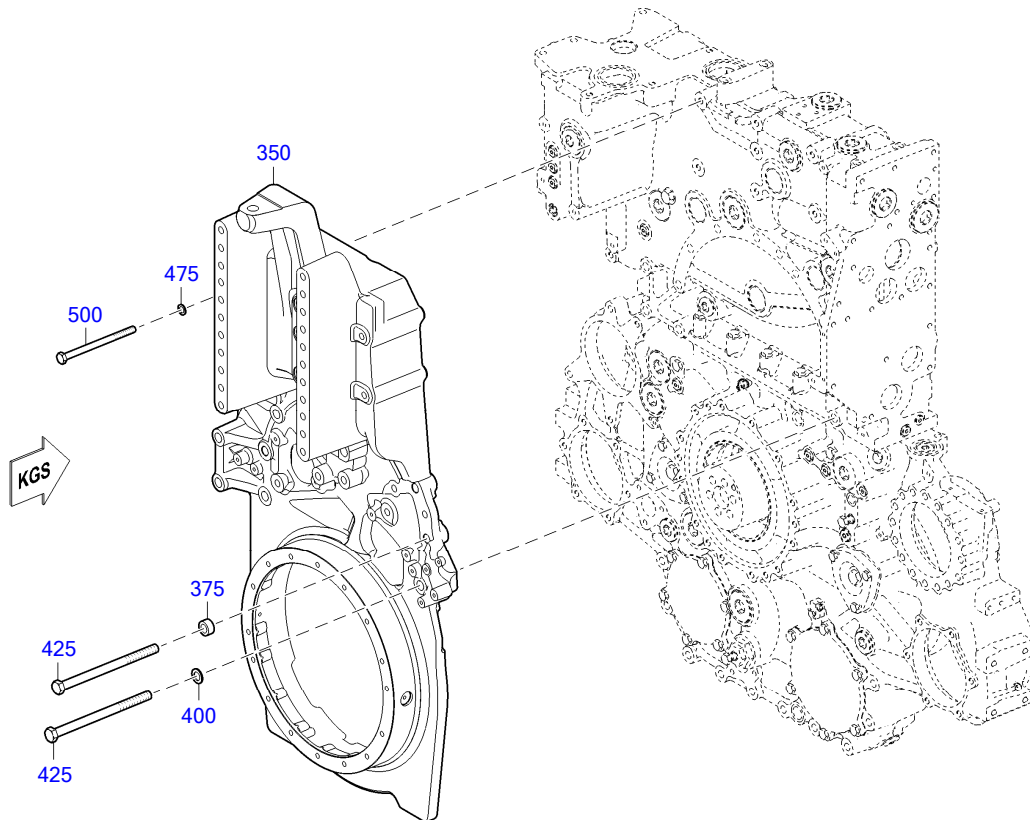


☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	100	X54722100014	FAN COUPLING		1	PC	148.800 kg		ROCKFORD S270	
	101	EX54722100014	FAN COUPLING		1	PC	154.000 kg	MN	ROCKFORD S270	
	102	RX54722100014	FAN COUPLING		1	PC	154.000 kg			
	125	735151016100	SPACER		8	PC	65.000 g	A 16,5		MTN5151
	150	000000003459	HEX SCREW		8	PC	132.900 g	M 16 X 75		ISO4017
	200	206796020000	CONICAL SPR. WASHER		1	PC	45.000 g	20		DIN6796
	225	204017020027	HEX SCREW		1	PC	1.920 kg	M 20 X500		ISO4017
	275	X54722100004	RETAINER FOR SOLENOID VALVE		1	PC	2.268 kg			
	300	X54799100877	MOUNTING BRACKET FOR HOLDER		1	PC	0.198 kg			
	325	X54799100514	SPACER SLEEVE		1	PC	122.000 g			
	350	5241538040	RETAINER		1	PC	48.500 g			
	375	000125010524	WASHER		3	PC	3.100 g	A 10,5		DIN125
	400	204017010026	HEX SCREW		1	PC	51.700 g	M 10 X 85		ISO4017
	425	000000001464	HEX SCREW		2	PC	24.900 g	M 10 X 30		ISO4017
	450	200433013000	WASHER		2	PC	2.500 g	13		DIN433
	475	000931012191	HEX SCREW		2	PC	156.000 g	M 12 X170		DIN931
	550	009021010201	WASHER		8	PC	12.000 g	10,5		DIN9021
	575	5321530026	DAMPER		4	PC	39.000 g			
	600	000000001042	HEX SCREW		4	PC	34.600 g	M 10 X 50		ISO4017
	650	735211015000	UNION		2	PC	44.200 g	15M 18 X 1,5		MTN5211
	675	700160000013	ELBOW 90 DEG KR 12-M W		1	PC	115.900 g	KR 12		MMN160
	700	X54422100060	HOSE F.HIGH TEMP.APPLICS		1	PC	486.600 g	FC510-08(DN12)-C1C3-550		
	750	735211022000	UNION THD O-RING		1	PC	0.092 kg	22M 27 X 2		MTN5211
	775	700160700042	ELBOW		1	PC	1.000 kg	KR 20-F		MMN160
	800	007603030101	COPPER SEALING RING		1	PC	4.300 g	A 30 X 36		DIN7603
	825	915006020005	UNION		1	PC	86.000 g	20		N15006
	850	X59499101016	HOSE	AQP	1	PC	850.000 g	DN20		MTN5038
	900	5319975572	FITTING		3	PC	80.000 g			
220	925	5319973672	FITTING		1	PC	25.500 g	4M10X1		MTN5185
	935	5319973772	FITTING		1	PC	36.000 g			MTN5185
	945	735187004000	UNION		1	PC	57.200 g	4 M12X1,5		MTN5187
	950	X52722100010	HOSE		2	PC	341.600 g	FC234-DN6-P1P3-630		
	975	5242000282	HOSE		1	PC	183.800 g	FC355-DN5-P1P1-348		
	1000	735211015002	UNION		1	PC	0.065 kg	15M 22 X 1,5		MTN5211
	1025	007603052101	COPPER SEALING RING		1	PC	12.500 g	A 52 X 60		DIN7603
	1050	X54799100516	UNION		1	PC	373.100 g	M52X1.5 - M18X1.5		
	1075	007603018101	COPPER SEALING RING		2	PC	1.300 g	A 18 X 22		DIN7603
	1100	735214015000	UNION		1	PC	69.600 g	15		MTN5214
	1125	700223010000	BOLT BANJO A12		1	PC	64.800 g	A 12		MMN223
	1150	X54422100060	HOSE F.HIGH TEMP.APPLICS		1	PC	486.600 g	FC510-08(DN12)-C1C3-550		
	1200	916016015200	CLAMP		3	PC	25.900 g	BRSGU 15/20		N16016
	1225	000000002837	CLAMP		2	PC	26.900 g	BRSGU 20/20		N16016
	1250	000125008427	WASHER		4	PC	1.500 g	A 8,4		DIN125
	1275	204017008011	HEX SCREW		3	PC	12.200 g	M 8 X 22		ISO4017
	1280	304032008014	NUT HEX 8 A3C		1	PC	4.800 g	M 8		ISO4032
	1325	X54799100454	BELT PULLEY		1	PC	13.033 kg			
	1350	000000001469	HEX SCREW		12	PC	535.500 g	M 20 X200		ISO4014
	1400	X52499100799	RIBBED BELT		1	PC	1.721 kg	23-PL - 2680MM		
		X54722100009	REGULATING VALVE FOR FAN COUPLING	MIT INTEGR. DRUCKBEGRENZER	1	ST	2.600 kg	2.8 BAR / 40 PSI		



08300155b

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT
	10	5319971045	SEALING RING	1	PC	0.100 g	8,1 X 1.6
	20	23504352	SEAL RING	1	PC	0.010 g	



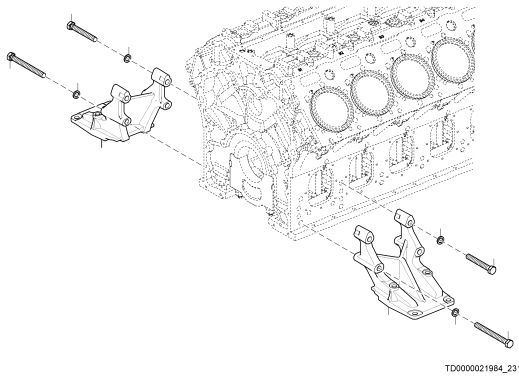
22100721

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	350	<b>X54723100014</b>	RETAINER ENG.MOUNTS+FAN DRIV		1	PC	129.000 g		
	475	<b>200433013000</b>	WASHER		5	PC	2.500 g	13	DIN433
	500	<b>000931012191</b>	HEX SCREW		5	PC	156.000 g	M 12 X170	DIN931
		<b>200433017000</b>	WASHER		10	ST	6.800 g	17	DIN433
		<b>X54799100980</b>	HEX SCREW	DINENISO 4014	10	ST	0.402 kg	M16X230-12.9	

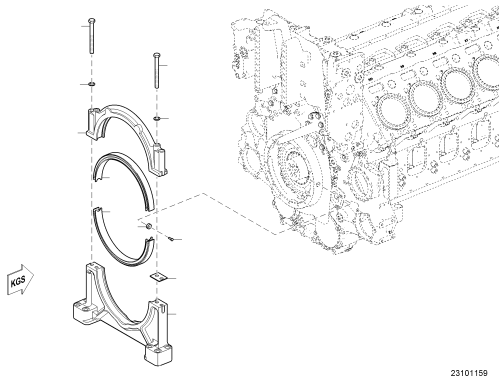
GROUP SEGMENT (FGS)

GROUP NAME

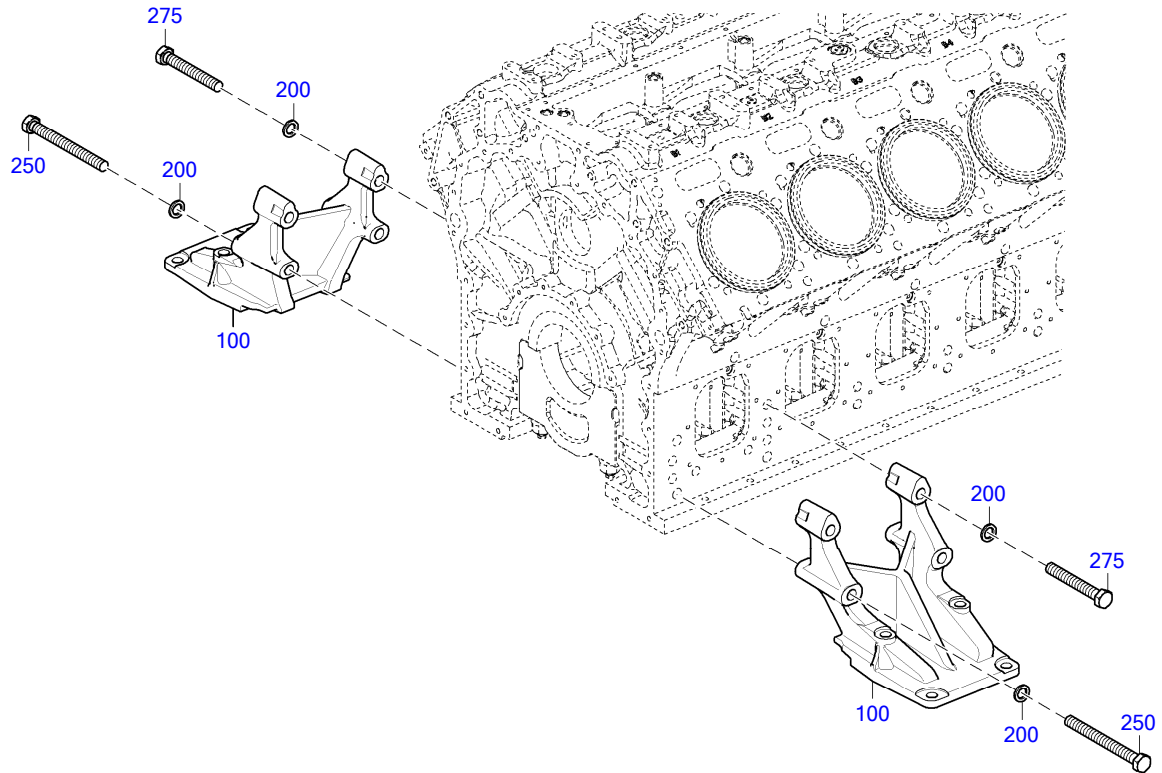
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05  
**TRANSPORTATION BRACE 3-POINT MOUNTING**  
XS547230.00021

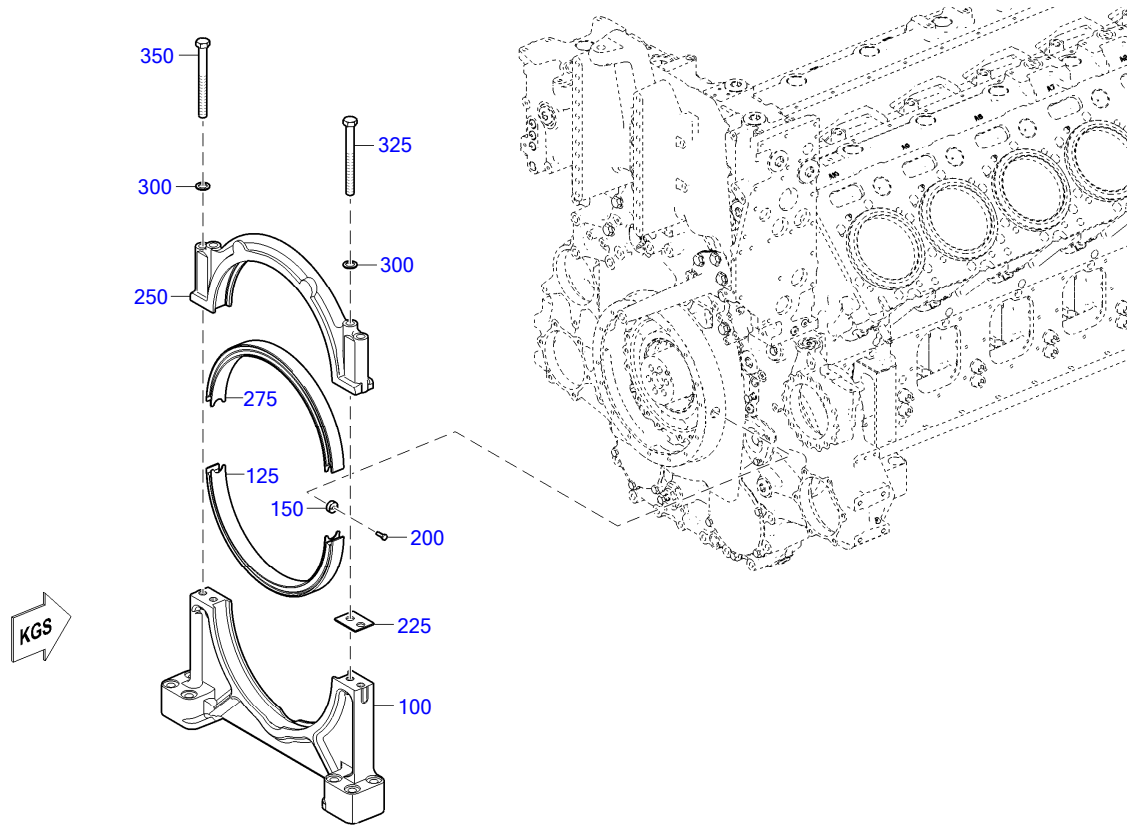


10  
**ENGINE MOUNTING HEAVY-DUTY**  
XS547230.00048



TD0000021984\_231

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	100	<b>X54823100014</b>	MOUNTING BRACKET DRIVING END (KS)	2	PC	38.330 kg		
	200	<b>5240110062</b>	WASHER THRUST	8	PC	20.600 g		
	250	<b>208676022004</b>	HEX SCREW	4	PC	688.000 g	M 22 X 1,5 X 220	ISO8676
	275	<b>208676022006</b>	HEX SCREW	4	PC	0.543 kg	M 22 X 1,5 X 160	ISO8676



23101159

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	100	<b>X54723100033</b>	MOUNTING BRACKET	1	PC	42.856 kg		
	150	<b>5282230052</b>	SPACER WASHER	2	PC	46.100 g		
	200	<b>304017008080</b>	HEX SCREW	2	PC	13.300 g	M 8 X 25	ISO4017
	225	<b>X54799100953</b>	SHIM	2	PC	128.800 g		
	250	<b>X54723100034</b>	MOUNTING BRACKET	1	PC	18.873 kg		
	300	<b>200433021000</b>	WASHER	4	PC	10.800 g	21	DIN433
	325	<b>204014020004</b>	HEX SCREW	2	PC	530.600 g	M 20 X200	ISO4014
	350	<b>204017020019</b>	HEX SCREW	2	PC	445.000 g	M 20 X180	ISO4017
		<b>X54723100010</b>	RUBBER MOUNT	2	ST	2.677 kg		

EQUI TYPE: Engine

PRODUCT TYPE: 12V4000C65  
STEEL-SPRING COUPLING

SERIAL NUMBER: 5472000318  
FG/FGS: 251

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GROUP SEGMENT (FGS)

**GROUP NAME**

BOM-No.

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05


**STEEL-SPRING COUPLG 1-BEARING GENERATOR**  
XS547250.00044

EQUI TYPE: Engine

PRODUCT TYPE: 12V4000C65  
STEEL-SPRING COUPLG 1-BEARING GENERATOR

SERIAL NUMBER: 5472000318

FG/FGS: 251 05  
BOM-No.: XS547250.00044

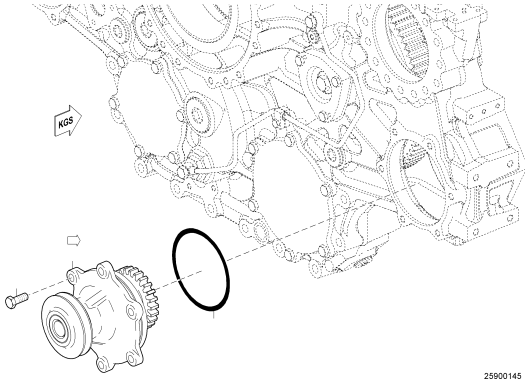
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	30	X54725100009	STEEL-SPRING COUPLG	1	PC	414.000 kg

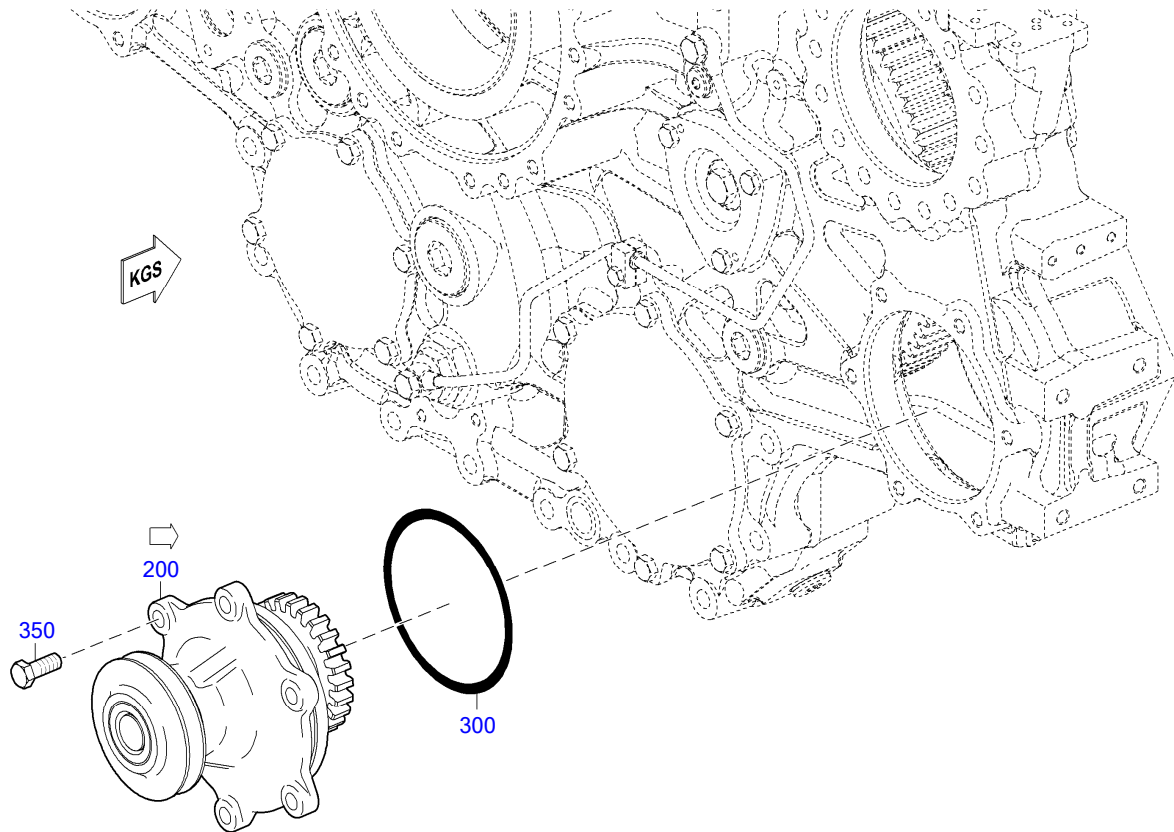
GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.

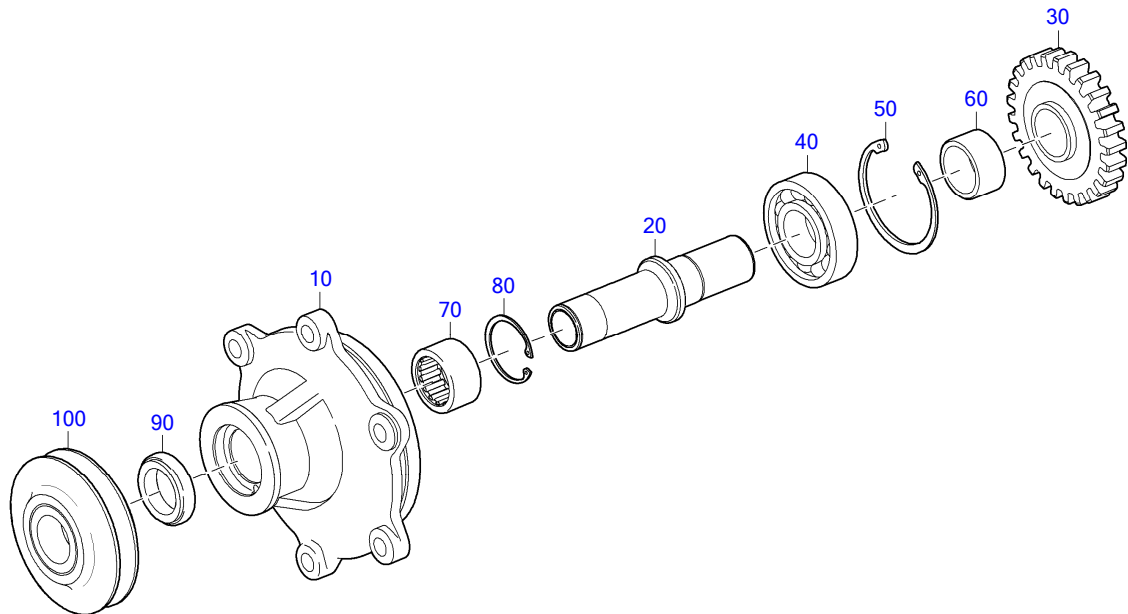
05  
AUXILIARY PTO  
XS547020.00008





25900145

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	229	200	<b>X54702700002</b>	DRIVE FOR ATT. HARDWARE	1	PC	9.337 kg	
		300	<b>700429135000</b>	O-RING	1	PC	18.600 g	135 X 5 MMN429
		350	<b>204017012006</b>	HEX SCREW	6	PC	37.000 g	M 12 X 30 ISO4017



25900146

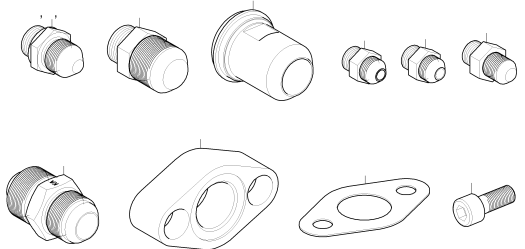
☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	<b>23540902</b>	HSG ACSRY DRV HVY DTY LRG BRG UNITIZED	1	PC	3.000 kg		
	20	<b>X52802600004</b>	SHAFT FOR DRIVE	1	PC	1.254 kg		
	30	<b>X54899100113</b>	GEAR FOR AUX PTO	1	PC	1.095 kg		
	40	<b>205412503005</b>	CYL ROLLER BEARING	1	PC	550.000 g	NUP 307 M A	DIN5412
	50	<b>23509204</b>	RING RET ACSRY DRV LRG BALL BRG	1	PC	24.100 g		
	60	<b>X00018267</b>	SPACER SLEEVE FOR DRIVE	1	PC	0.120 kg		
	70	<b>23511745</b>	BEARING NDL ROLLER HVY DTY ACSRY DRV	1	PC	143.400 g		
	80	<b>23511746</b>	RING RET INT 187 HVY DTY ACSRY DRV	1	PC	0.010 kg		
	90	<b>23523995</b>	SEALING RING	1	PC	0.030 kg		
	100	<b>X00036802</b>	BELT PULLEY FOR DRIVE	1	PC	1.238 kg		

GROUP SEGMENT (FGS)

GROUP NAME

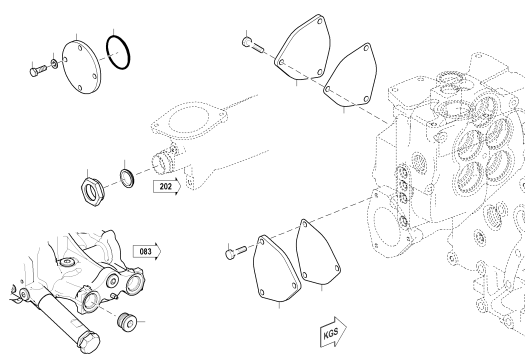
BOM-No.

10  
**CONNECTING HARDWARE FOR C+I**  
XS547300.00003

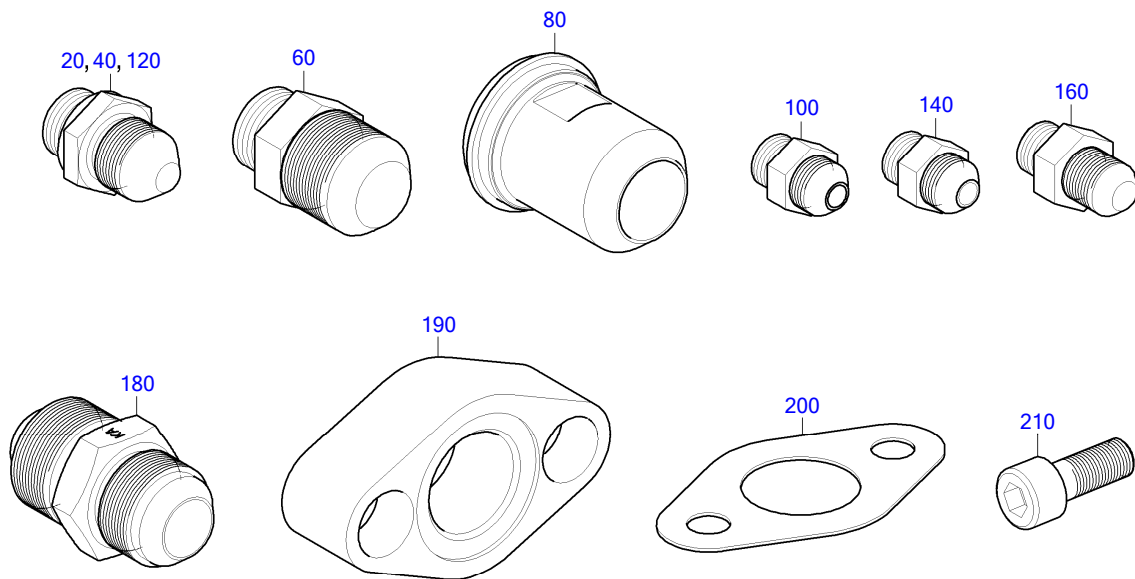


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25  
**SEALING ELEMENT FOR ENGINE**  
XS547990.00073

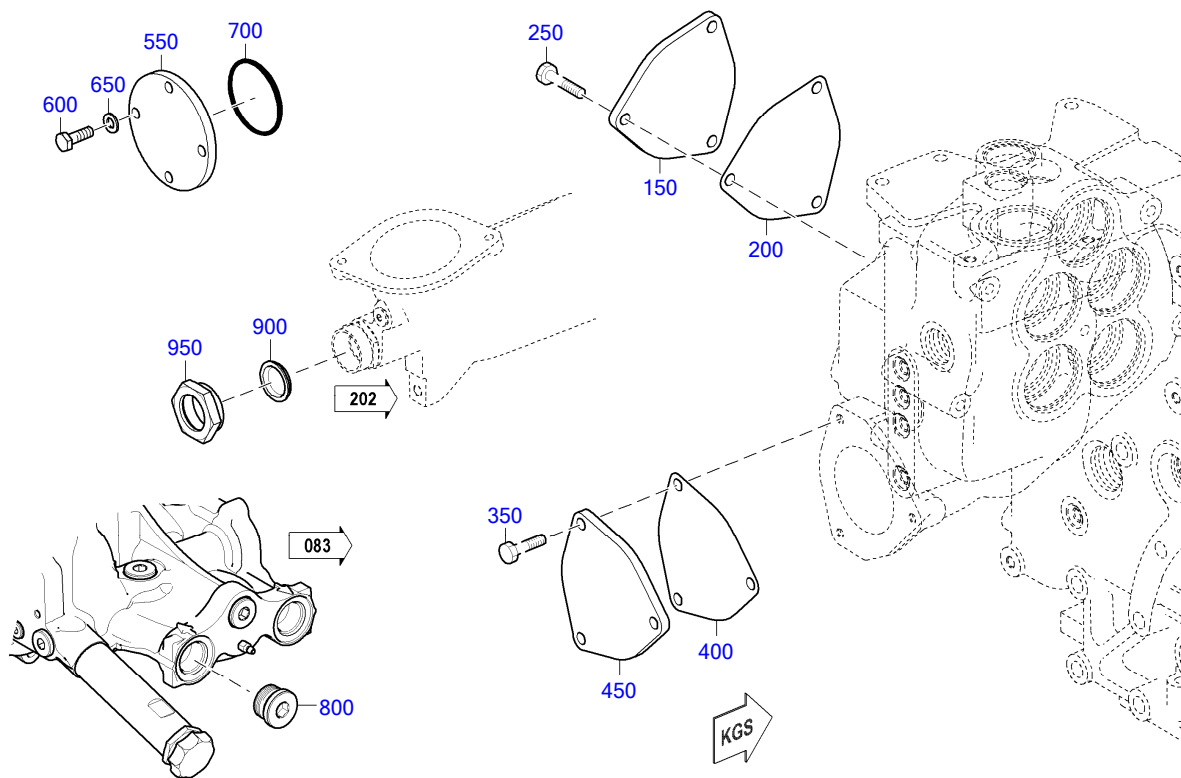


30100052



30000185

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	20	5319977372	CONNECTING PIECE	BR 4000	1	PC	64.500 g	M18X1.5 1 3/4-16	
	40	5319977372	CONNECTING PIECE	BR 4000	3	PC	64.500 g	M18X1.5 1 3/4-16	
	60	5319970672	FITTING JIC	BR 4000	1	PC	110.000 g	M22X1.5 1 1/16-12	
	80	X54799100476	ADAPTER		1	PC	0.211 kg		
	85	915001032003	NUT		1	PC	122.400 g	32 M 45 X 1,5	N15001
	100	5361880066	CONNECTING PIECE	S2000	1	PC	35.000 g	9/16-18XM14X1,5	
	120	5319977372	CONNECTING PIECE	BR 4000	1	PC	64.500 g	M18X1.5 1 3/4-16	
	140	5319972272	CONNECTING PIECE	BR 4000	1	PC	30.000 g	M14X1.5 7/16-20	
	160	5319977272	FITTING		1	PC	34.400 g	M14X1,5	
	180	5319977472	FITTING	BR 4000	1	PC	250.000 g	M30X1.5 1 5/16-12	
	190	5500140145	FLANGE		1	PC	395.500 g		
	200	5602030280	GASKET		1	PC	2.600 g		
	210	204762010001	SCREW		2	PC	24.500 g	M 10 X 25	ISO4762



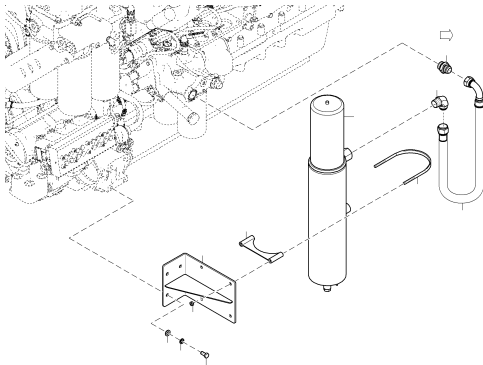
30100052

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	150	X00021527	COVER BLIND	1	PC	1.188 kg		
	200	X00021730	GASKET	1	PC	23.600 g		
	250	000000003021	HEX SCREW	3	PC	22.800 g	M 10 X 25	ISO4017
	350	X00021527	COVER BLIND	1	PC	1.188 kg		
	400	X00021730	GASKET	1	PC	23.600 g		
	450	000000003021	HEX SCREW	3	PC	22.800 g	M 10 X 25	ISO4017
	550	X52999100037	BLIND FLANGE	2	PC	0.865 kg		
	600	000000001464	HEX SCREW	8	PC	24.900 g	M 10 X 30	ISO4017
	650	000125010524	WASHER	8	PC	3.100 g	A 10,5	DIN125
	700	735252072000	O-RING	2	PC	0.003 kg	72 X 3	MTN5252
182	800	735210033000	PLUG	2	PC	0.142 kg	M 33 X 2	MTN5210
	900	735189035000	SEALING CONE	1	PC	38.000 g	35	MTN5189
	950	915001032003	NUT	1	PC	122.400 g	32 M 45 X 1,5	N15001

GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.

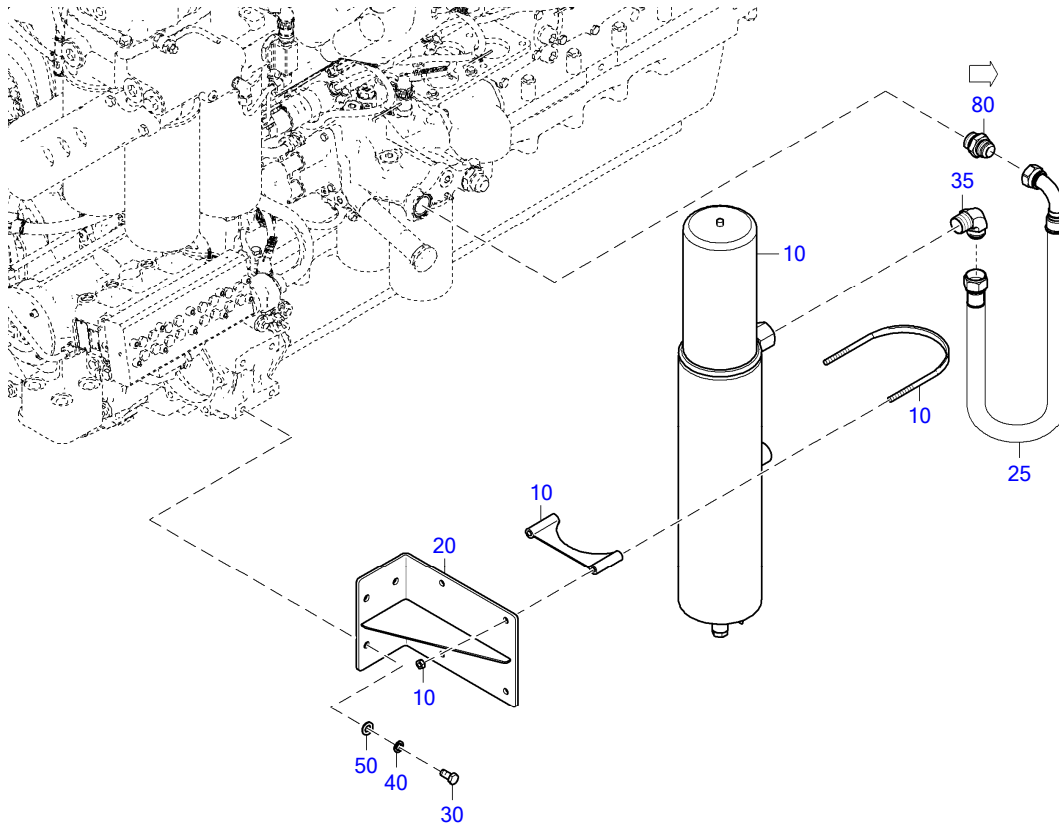


05

**FUEL PREFILTER FOR FUEL SYSTEM**

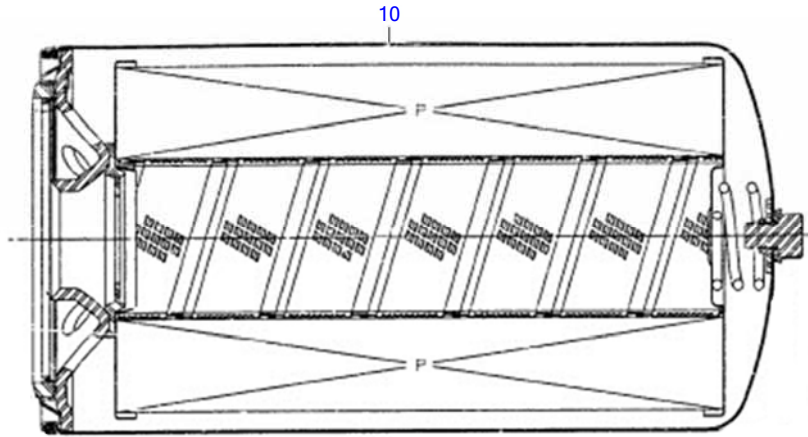
XS547360.00005

36400209



36400209

□	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
235	10	<b>23512629</b>	FILTER FUEL PRO 40 REMOTE MT	1	PC	10.000 kg		
	20	<b>X54799100433</b>	RETAINER FOR FUEL PREFILTER	1	PC	4.545 kg		
	25	<b>X54799100234</b>	HOSE FOR FUEL SYSTEM	1	PC	1.100 kg		
	30	<b>000933012009</b>	HEX SCREW	4	PC	35.200 g	M 12 X 25	DIN933
	35	<b>X54799100246</b>	CONNECTING PIECE FOR HOSE	1	PC	308.500 g		
	40	<b>000127012201</b>	SPRING WASHER	4	PC	3.700 g	B 12	DIN127
	50	<b>000125013012</b>	WASHER	4	PC	5.600 g	A 13	DIN125
88	80	<b>735186016000</b>	UNION	1	PC	0.220 kg	16M33X2	MTN5186



01300625

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
	10	23530646	FILTER ELEMENT	1	PC	1.930 kg

EQUI TYPE: Engine

PRODUCT TYPE: 12V4000C65  
COOLANT SUPPLY SYSTEM

SERIAL NUMBER: 5472000318  
FG/FGS: 367

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GROUP SEGMENT (FGS)

**GROUP NAME**

BOM-No.

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05

**UNION**

XS547990.00123

EQUI TYPE: Engine

PRODUCT TYPE: 12V4000C65


SERIAL NUMBER: 5472000318

UNION

FG/FGS: 367

05

BOM-No.: XS547990.00123

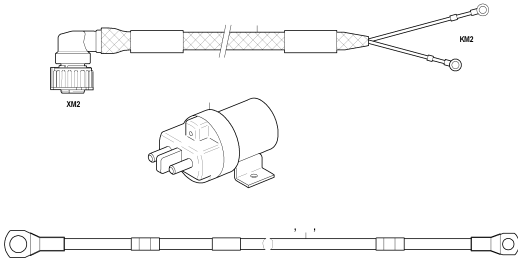
	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT
	30	<b>X59520200019</b>	THREADED BUSHING		1	PC	125.000 g	
	50	<b>5319973272</b>	CONNECTING PIECE	BR 4000	1	PC	226.300 g	M33X2 1 5/16-12
	80	<b>5319977472</b>	FITTING	BR 4000	2	PC	250.000 g	M30X1.5 1 5/16-12
	110	<b>X54799100476</b>	ADAPTER		1	PC	0.211 kg	
	140	<b>X54799100529</b>	FITTING	BR4000	1	PC	60.700 g	M18X1,5 9/16-18
	170	<b>X54799100529</b>	FITTING	BR4000	1	PC	60.700 g	M18X1,5 9/16-18
	200	<b>X54799100529</b>	FITTING	BR4000	1	PC	60.700 g	M18X1,5 9/16-18

GROUP SEGMENT (FGS)

GROUP NAME

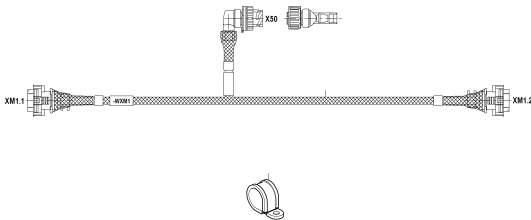
BOM-No.

98  
**ENGINE CABLING FOR OIL PRIMING PUM**  
XS00E500.01102



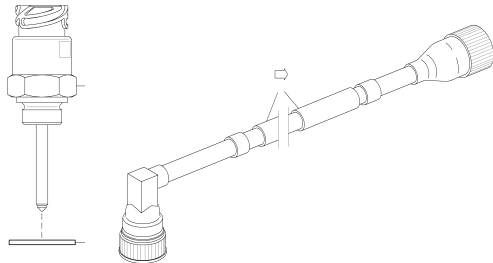
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98  
**CONNECTING CABLE FOR STARTER**  
XS00E500.01330



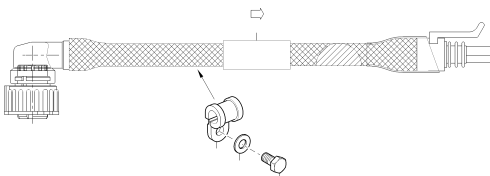
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98  
**LEVEL MONITOR FOR COOLANT**  
XS00E500.01652



50704466

98  
**CONNECTING CABLE FOR FAN**  
XS00E500.01833



50703298

98  
**CONNECTING CABLE F.CUST. CONNECTION**  
XS00E500.02433

GROUP SEGMENT (FGS)

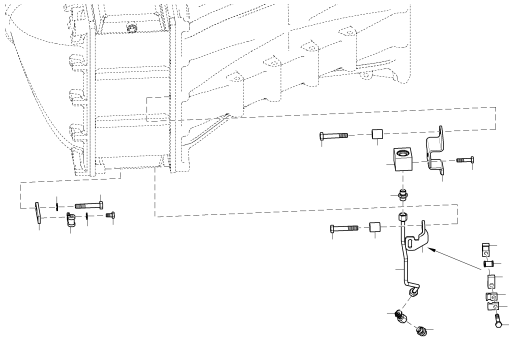
GROUP NAME

BOM-No.

98  
**ENGINE CABLING FOR ON-ENGINE SENSO**  
XS00E500.02886

98  
**RETAINER F.ECU+CABLE HARNESS**  
XS547500.00054

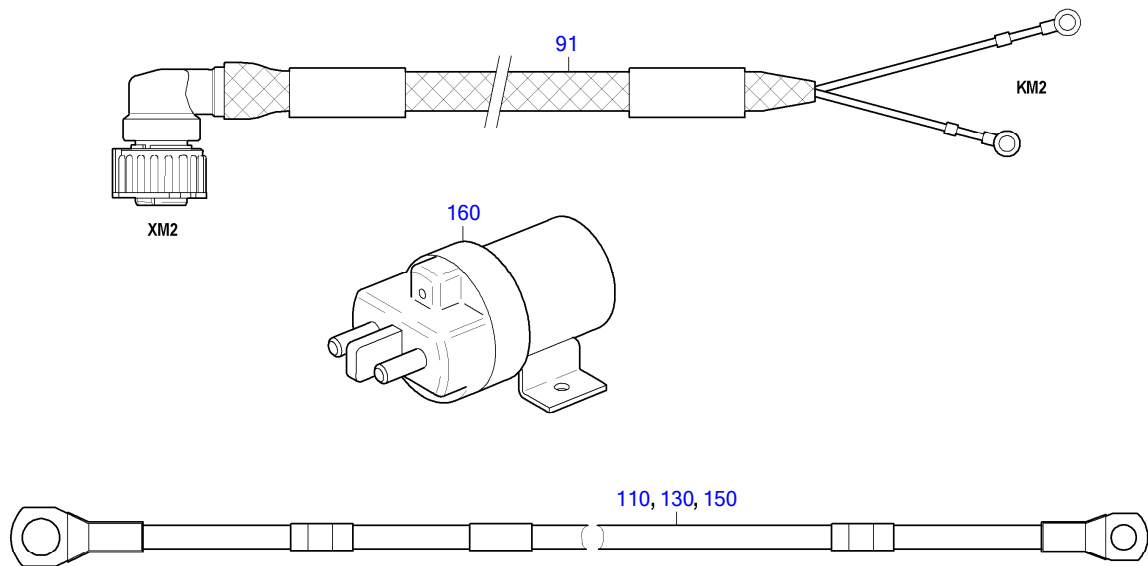
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**RETAINER FOR PRESSURE SENSOR**  
XS547500.00090



TD0000022349\_507

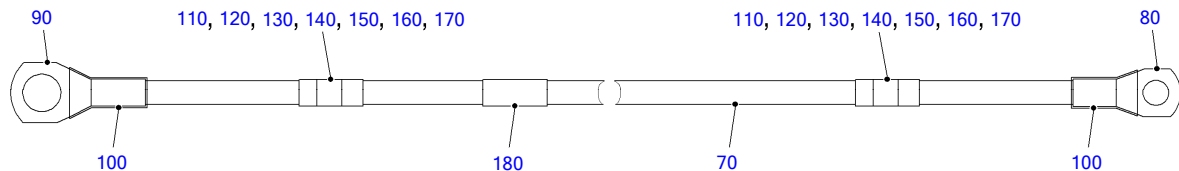
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**RETAINER F.CUST. CONNECTION**  
XS547500.00098

99  
**RETAINER F. WIRING HARNESS**  
XS547500.00079



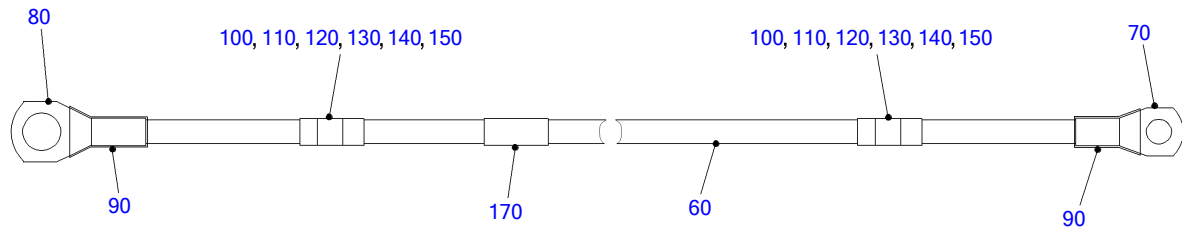
50702585

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
242	91	<b>X00E50700506</b>	CONNECTING CABLE FOR OIL PRIMING PUM	BR4000CX2-CX5	1	PC	51.500 g	UB	VORSCHMIERPUMPE ADAPTION KB
	110	<b>X00E50700821</b>	CONNECTING CABLE FOR LUBE-OIL PUMP	12V4000C	1	PC	1.905 kg	UB	REL.KM2/88 - ANL.M01/+
241	130	<b>X00041053</b>	CONNECTING CABLE FOR LUBE-OIL PUMP	12V4000C	1	PC	170.000 g	VSP	M2/2D2 - ANL.M01/-
240	150	<b>X00037761</b>	CONNECTING CABLE FOR LUBE-OIL PUMP	BR4000CX3	1	PC	55.200 g	VSP	M2/1D1 - REL.KM2/88A
	155	<b>X00E50210273</b>	PROTECTIVE CAP	PVC - SCHWARZ	6	PC	0.008 kg		SCHUTZKAPPE 90° WINKEL
	160	<b>X00036463</b>	RELAY	26.08.08	1	PC	561.600 g	AB	



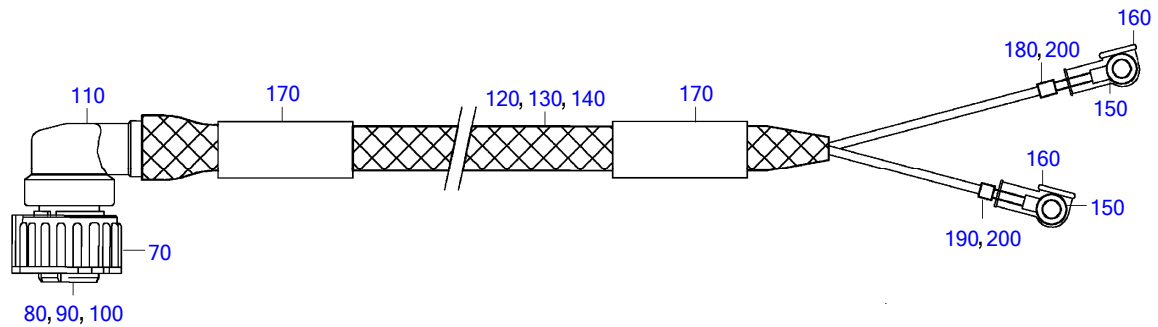
50701144c

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	70	0095313980	CABLE	4 GWK-AX_16QMM	0,250	M	190.000 g	AB	16QMM FEINDR. KURZSCHLUSSSICH	
	80	700500001066	CRIMPED TERMINAL LUG		1	PC	6.400 g		16 MM2 LOCH 8,4	MMN500
	90	X00037778	CABLE TERMINAL	M10/16 QMM/ GERADE SICHTLOCH	1	PC	720.000 g	AB	M10/16QMM/GERADE/MIT SICHTLOCH	
	100	0015310682	SHRINKABLE HOSE	SSCHL. 18/6-2 RT	0,100	M	22.700 g		18/6MM, ROT	
	110	700461104000	MARKER SLEEVE		1	PC	0.400 g		4/A	MMN461
	120	700461104003	MARKER SLEEVE		1	PC	0.300 g		4/D	MMN461
	130	700461104012	MARKER SLEEVE		2	PC	0.300 g		4/M	MMN461
	140	700461104026	MARKER SLEEVE		2	PC	0.010 g		4//	MMN461
	150	700461204001	MARKER SLEEVE		2	PC	0.100 g		4/1	MMN461
	160	700461204002	MARKER SLEEVE		2	PC	0.300 g		4/2	MMN461
	170	700461204008	MARKER SLEEVE		2	PC	0.400 g		4/8	MMN461
	180	0035337089	IDENTIFICATION PLATE	ELAT	1	PC	1.400 g		47X135MM, BEDRUCKBAR 47X25MM	



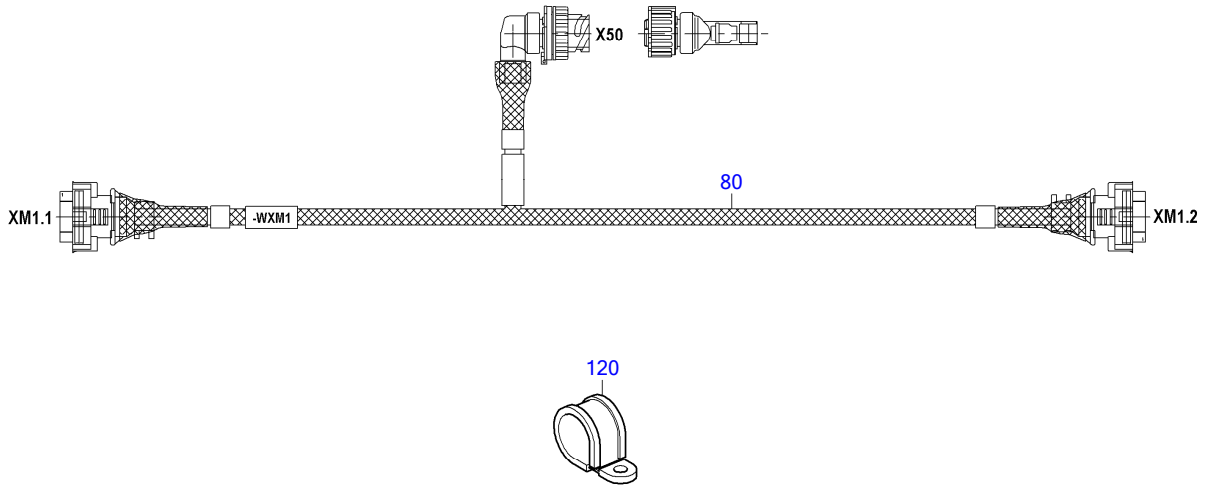
50701265a

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	60	0095313980	CABLE	4 GWK-AX_16QMM	1,000	M	190.000 g	AB	16QMM FEINDR. KURZSCHLUSSSICH	
	70	700500001066	CRIMPED TERMINAL LUG		1	PC	6.400 g		16 MM2 LOCH 8,4	MMN500
	80	X00037776	CABLE TERMINAL	M12/16 QMM/ GERADE SICHTLOCH	1	PC	720.000 g	AB	M12/16QMM/GERADE/MIT SICHTLOCH	
	90	0015310582	SHRINKABLE HOSE	SSCHL. 18/6-6 BL	0,100	M	22.800 g		18/6MM, BLAU	
	100	700461104012	MARKER SLEEVE		2	PC	0.300 g		4/M	MMN461
	110	700461104003	MARKER SLEEVE		1	PC	0.300 g		4/D	MMN461
	120	700461104026	MARKER SLEEVE		2	PC	0.010 g		4//	MMN461
	130	700461104027	MARKER SLEEVE		1	PC	0.410 kg		4/-	MMN461
	140	700461204001	MARKER SLEEVE		1	PC	0.100 g		4/1	MMN461
	150	700461204002	MARKER SLEEVE		3	PC	0.300 g		4/2	MMN461
	170	0035337089	IDENTIFICATION PLATE	ELAT	1	PC	1.400 g		47X135MM, BEDRUCKBAR 47X25MM	



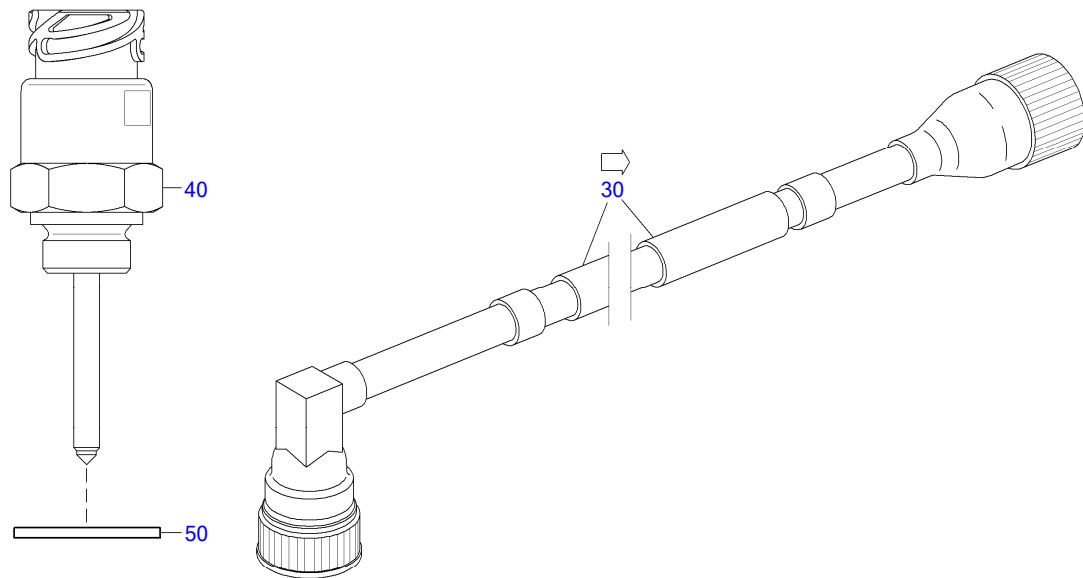
50705066

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	70	0165313283	BUSH HOUSING FOR CRIMP CONTACT	STECKER F. BU-KONTAKTE 2,5MM	1	PC	11.500 g	4POL. CODE 1 / DIN 72585 BU	
	80	0165313383	FEMALE CONTACT FOR BUSH HOUSING	BUCHSE CUNISI VERZINNT	2	PC	0.500 g	0,5-1,0 MM <sup>2</sup> / D=2,5MM	
	90	0165313483	SINGLE-CORE INSUL	EINZELADERABDICHTUNG	2	PC	0.120 g	1,2-2,1MM <sup>2</sup> / 2,5MM / DIN72585	
	100	0165313583	BLANKING PLUG	BLINDSTOPFEN	2	PC	0.100 g	SYSTEM 2,5MM / 2,8MM	
	110	0165313683	ADAPTER FOR CORRUGATED PIPE		1	PC	5.600 g	GR.B NW10 90GRD/HDSCS	
	120	X00E50204216	ADHESIVE TAPE F.HEAVY-DUTY CABLE	-40C BIS 150C / SYNTHESEKAUT.	1	PC	135.000 g	25M / 25MM / SCHWARZ/ POLYESTER	
	130	0095318880	CABLE	RADDOX 155S RW VERDRILLT	1,000	M	11.200 g	1X2X0,5QMM / WS / NUMMERIERT	
	140	X00E50204209	YARN F. WIRING HARNESS	PVC VN-4000S SCHWARZ	5,000	M	100.000 g	1,02MM / -54°C BIS 138°C	
	150	0001591479	CABLE TERMINAL		2	PC	0.800 g	0,35-1,5QMM/M4 ROT	
	160	0001541185	GUARD CAP		2	PC	4.400 g		
	170	0035337089	IDENTIFICATION PLATE	ELAT	2	PC	1.400 g	47X135MM, BEDRUCKBAR 47X25MM	
	180	700461202005	MARKER SLEEVE		1	PC	0.100 g	2/5	MMN461
	190	700461202006	MARKER SLEEVE		1	PC	0.100 g	2/6	MMN461
	200	700461202008	MARKER SLEEVE		2	PC	0.001 kg	2/8	MMN461



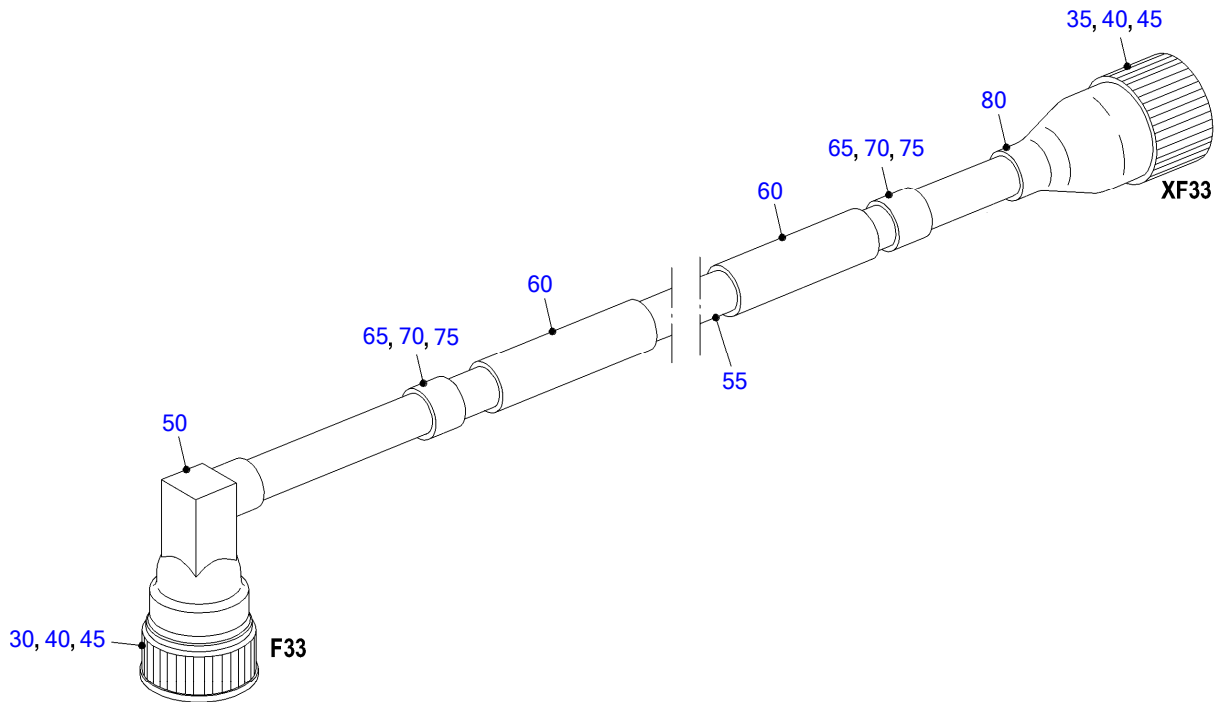
50702503

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	80	<b>X00E50700505</b>	CONNECTING CABLE FOR STARTER	HEAVY-DUTY	1	PC	280.000 g	UB	BOSCH HEP109	
	120	<b>916016010203</b>	CLAMP		5	PC	20.000 g		BRSGU 10/20	N16016



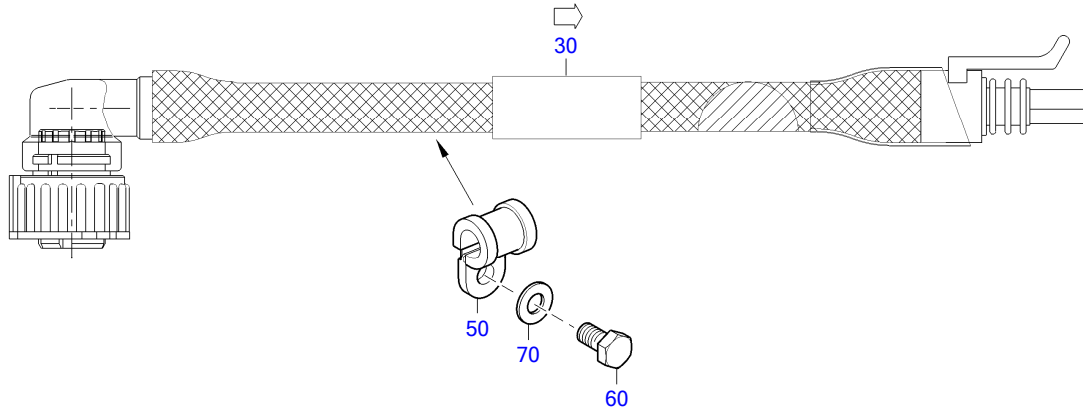
50704466

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	245	30	<b>X00015855</b>	CABLE W/MALE CONNECTOR	1	PC	555.000 g		L=10M	
		40	<b>X00E50205974</b>	LEVEL MONITOR	1	PC	90.300 g	AB	CLS40 12-24V WASSER MIN.SONDE	
		50	<b>007603018101</b>	COPPER SEALING RING	1	PC	1.300 g		A 18 X 22	DIN7603



50701055a

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	30	0165313283	BUSH HOUSING FOR CRIMP CONTACT	STECKER F. BU-KONTAKTE 2,5MM	1	PC	11.500 g		4POL. CODE 1 / DIN 72585 BU	
	35	0165314083	BUSH HOUSING FOR CRIMP CONTACT	STECKER F. BU-KONTAKTE 2,5MM	1	PC	11.500 g		4POL. CODE 2 / DIN 72585 BU	
	40	0165313383	FEMALE CONTACT FOR BUSH HOUSING	BUCHSE CUNISI VERZINNT	8	PC	0.500 g		0,5-1,0 MM <sup>2</sup> / D=2,5MM	
	45	0165313483	SINGLE-CORE INSUL	EINZELADERABDICHTUNG	8	PC	0.120 g		1,2-2,1MM <sup>2</sup> / 2,5MM / DIN72585	
	50	0165317383	ADAPTER FOR CABLE	STECKERKAPPE / WELLROHRADAPTER	1	PC	7.100 g	AB	90 GRAD / VAR. KLEMMUNG 5,5MM	
	55	0085316180	CABLE	4X0,5/110	10,000	M	57.000 g	AB	4X0,5 OHNE GNGE	
	60	0035337089	IDENTIFICATION PLATE	ELAT	2	PC	1.400 g		47X135MM, BEDRUCKBAR 47X25MM	
	65	700461103005	MARKER SLEEVE		2	PC	0.002 kg		3/F	MMN461
	70	700461103023	MARKER SLEEVE		1	PC	0.190 g			MMN461
	75	700461203003	MARKER SLEEVE		4	PC	0.100 g		3/3	MMN461
	80	0165314283	ADAPTER FOR CABLE	STECKERKAPPE / WELLROHRADAPTER	1	PC	6.300 g	AB	180 GRAD / VAR. KLEMMUNG 5,5MM	



50703298

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	30	<b>X00E50208089</b>	CONNECTING CABLE FOR FAN DRIVE	16V/20V4000CX03 HEAVY DUTY	1	PC	50.500 g	AB	380MM / ROCKFORD S370	
	50	<b>916016012201</b>	CLAMP		1	PC	21.000 g		BRSQU 12/20	N16016
	60	<b>304017008077</b>	HEX SCREW		1	PC	10.500 g		M 8 X 16	ISO4017
	70	<b>000125008427</b>	WASHER		1	PC	1.500 g		A 8,4	DIN125

EQUI TYPE: Engine

PRODUCT TYPE: 12V4000C65  
CONNECTING CABLE F.CUST. CONNECTION

SERIAL NUMBER: 5472000318

FG/FGS: 507 98  
BOM-No.: XS00E500.02433

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
	50	X00E50210687	CONNECTING CABLE F.CUST. CONNECTION	12V4000T95	1	PC	0.010 kg	AB	AUSFÜHRUNG DEUTSCH STECKV.

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	249	60	X00E50701837	WIRING HARNESS FOR ON-ENGINE SENSO	1	PC			B50,B90,Inj.	
		90	0035352531	PRESSURE SENSOR	1	PC	75.000 g	EM	M14X1,5,SW= 27, 0-10BAR_RELATIV	
		110	0035352531	PRESSURE SENSOR	1	PC	75.000 g	EM	M14X1,5,SW= 27, 0-10BAR_RELATIV	
		130	X00E50210470	PRESSURE SENSOR	1	PC	89.400 g	EM	M18X1,5, SW=27	
		150	X00E50210470	PRESSURE SENSOR	1	PC	89.400 g	EM	M18X1,5, SW=27	
		170	X00E50207199	PRESSURE SENSOR	1	PC	105.400 g	AB	ISO M14X1,5; SW=27 TYP:EPN	
		190	X00E50207201	PRESSURE SENSOR	1	PC	105.200 g		ISO M14X1,5;SW=27 L=56 TYP:EPN	
		192	X54799101553	BUSHING FOR PRESSURE SENSOR	1	PC	7.218 kg			
		193	735221011000	O-RING	1	PC	0.300 g		11,3 X 2,2 - M14X1,5	MTN5221
		210	X00E50207201	PRESSURE SENSOR	1	PC	105.200 g		ISO M14X1,5;SW=27 L=56 TYP:EPN	
		212	X54799101553	BUSHING FOR PRESSURE SENSOR	1	PC	7.218 kg			
		213	735221011000	O-RING	1	PC	0.300 g		11,3 X 2,2 - M14X1,5	MTN5221
		230	X00E50207201	PRESSURE SENSOR	1	PC	105.200 g		ISO M14X1,5;SW=27 L=56 TYP:EPN	
		232	X54799101553	BUSHING FOR PRESSURE SENSOR	1	PC	7.218 kg			
		233	735221011000	O-RING	1	PC	0.300 g		11,3 X 2,2 - M14X1,5	MTN5221
		250	X00E50207199	PRESSURE SENSOR	1	PC	105.400 g	AB	ISO M14X1,5; SW=27 TYP:EPN	
		270	X00E50210148	PRESSURE SENSOR	1	PC	155.700 g	EM	M18X1,5;SW27;L=56;KEGEL; O-RING	
		290	0035352231	PRESSURE SENSOR	1	PC	131.600 g		M14X1,5,SW=38, +/- 70MBAR_RELAT.	
		310	X00E50207368	PRESSURE SENSOR	1	PC	73.300 g	EM	M18X1,5;SW=27;H=43	
		330	X00E50210572	SENSOR	1	PC	0.089 kg	EM	FEUCHTE-,TEMP-,DRUCK	
		350	0005357633	SPEED SENSOR	1	PC	85.000 g	EM	D=19X60, KABELL.=700MM,	
		360	304017008077	HEX SCREW	1	PC	10.500 g		M 8 X 16	ISO4017
		380	0005357633	SPEED SENSOR	1	PC	85.000 g	EM	D=19X60, KABELL.=700MM,	
		390	304017008077	HEX SCREW	1	PC	10.500 g		M 8 X 16	ISO4017
		410	X00E50204113	SPEED SENSOR	1	PC	153.500 g		M12X1,5,KABELL. 1300, EINBT. 115	
		430	X00E50204113	SPEED SENSOR	1	PC	153.500 g		M12X1,5,KABELL. 1300, EINBT. 115	
		450	X00E50204113	SPEED SENSOR	1	PC	153.500 g		M12X1,5,KABELL. 1300, EINBT. 115	
		470	0005356430	TEMPERATURE SENSOR	1	PC	50.000 g	EM	M14X1,5, L=29, STECKER DIN72585,	
		490	0005356430	TEMPERATURE SENSOR	1	PC	50.000 g	EM	M14X1,5, L=29, STECKER DIN72585,	
		510	0005356430	TEMPERATURE SENSOR	1	PC	50.000 g	EM	M14X1,5, L=29, STECKER DIN72585,	
		530	0005356430	TEMPERATURE SENSOR	1	PC	50.000 g	EM	M14X1,5, L=29, STECKER DIN72585,	
		550	0005356430	TEMPERATURE SENSOR	1	PC	50.000 g	EM	M14X1,5, L=29, STECKER DIN72585,	
		570	X00E50211805	LEVEL MONITOR	1	PC	0.159 kg		M18X1,5, DIN72585, KABELSCHW.	
		580	007603018101	COPPER SEALING RING	1	PC	1.300 g		A 18 X 22	DIN7603
		600	X00E50210823	SENSOR	1	PC	317.300 g	EM	M20X1,5, KABELLAENGE 908	
		620	X00E50210822	SENSOR	1	PC	318.100 g	EM	M20X1,5, KABELLAENGE 908	
		640	X00E50207049	SENSOR	1	PC	162.700 g	EM	LAMBDA-SONDE LSU ADV SERIE	
		660	X00E50210377	TEMPERATURE SENSOR	1	PC	0.194 kg	EM	M14X1,5 ET=58MM KL=1M	
		680	X00E50210470	PRESSURE SENSOR	1	PC	89.400 g	EM	M18X1,5, SW=27	

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
	410	X00023675	BUSH HOUSING FOR CRIMP CONTACT	STECKER F. BU-KONTAKTE 1,5MM	13	PC	11.600 g		7POL. CODE A / DIN 72585 BU
	480	X00E50204209	YARN F. WIRING HARNESS	PVC VN-4000S SCHWARZ	1,000	M	100.000 g		1,02MM / -54°C BIS 138°C
	490	X00E50206788	CORRUGATED PIPE FOR CABLE RUNNING	UFW PA6 V0	2,900	M	28.200 g		NW10; 13,1/9,3MM; GROBWELLE
	500	0005310675	SHRINKABLE HOSE	SSCHL. 6/2-X KL	1,000	M	0.500 g	AB	6/2MM, TRANSPARENT
	510	X00E50206794	CORRUGATED PIPE FOR CABLE RUNNING	UFW PA6 V0	0,300	M	96.300 g		NW26; 31,5/24,9MM; GROBWELLE
	520	X00E50206795	CORRUGATED PIPE FOR CABLE RUNNING	UFW PA6 V0	0,200	M	340.000 g		NW29; 34,6/28,4MM; GROBWELLE
	530	X00E50206787	CORRUGATED PIPE FOR CABLE RUNNING	UFW PA6 V0	0,100	M	17.100 g		NW7,5; 10,1/6,3MM; GROBWELLE
	540	0095318980	CABLE	RADOX 155S RW VERDRILLT	67,200	M	16.900 g		1X3X0,5QMM / WS / NUMMERIERT
	550	0095318880	CABLE	RADDOX 155S RW VERDRILLT	54,000	M	11.200 g		1X2X0,5QMM / WS / NUMMERIERT
	560	0095319080	CABLE	RADDOX 155S RW	46,800	M	20.900 g		1X2X1,0QMM / WS / NUMMERIERT
	570	0095319680	CABLE	RADOX 155S RW	37,300	M	31.000 g	AB	1X3X1,0QMM / WS / NUMMERIERT
	580	X00E50203830	SINGLE CONDUCTOR	RADOX 155S RW / VERDRILLT	35,600	M	32.100 g		1X2X1,5QMM / WS/ NUMMERIERT
	590	X00E50207221	BLADE CONNECTOR	KAPPE FUER MCP BUCHSENGEHAEUSE	1	PC	15.000 g	AB	92POL / NW26 / HOHE BAUFORM
	600	X00E50208000	BLADE CONNECTOR	BUCHSENGEHAEUSE MCP1,5	1	PC	120.000 g		92POL/NW26 CODE-A 90GRD/ROBUST
	610	0025319585	BLADE CONNECTOR	EINZELADERABDICHTUNG	44	PC	0.050 g		1,4-1,9 MM / MCP1,5
	620	0035314381	CABLE CLAMP	KABELBINDER	6	PC	0.600 g		L=150MM, B=3,6MM
	630	0025319685	BLADE CONNECTOR	EINZELADERABDICHTUNG	84	PC	0.500 g		1,2-1,6 MM / MCP1,5 /
	640	0025319385	BLADE CONNECTOR	BUCHSE CUNISI VERSILBERT	128	PC	0.400 g		0,5-1,0MM²/MCP1,5 AG
	650	0185317083	BLANKING PLUG FOR CONNECTOR	BLINDSTOPFEN	116	PC	0.050 g		MCP1,5
	660	0015318285	BLADE CONNECTOR	CRIMPVERBINDER PARALLEL	7	PC	0.500 g		1,0-2,5 MM² / BLANK / VERZINNT
	670	X00E50203798	CRIMP CONTACT F/SEPARABLE CONNECT	BU-KONTAKT CUNISI(AG)LOSE	32	PC	0.360 g		1,00-1,50QMM/MCP1,5 AGL
	680	X00E50203802	SINGLE-CORE INSUL F/SEPARABLE CONNECT	EINZELADERABDICHTUNG	32	PC	1.000 g		1,9-2,3MM / MCP1,5
	690	X00E50207999	BLADE CONNECTOR	BUCHSENGEHAEUSE MCP1,5	1	PC	114.000 g		92POL/NW29/CODE - C/90GRD/ROBUST
	700	X00E50208002	CAP FOR CONNECTOR	KAPPE FUER MCP BUCHSENGEHAEUSE	2	PC	17.000 g		92POL / NW29
	710	0015318702	RESISTOR	MK2_121R	2	PC	0.100 g		TK50 1% 0,4W
	720	X00E50207998	BLADE CONNECTOR	MCP1,5/92POL.BUCHSENGEHAEUSE	1	PC	113.600 g	AB	NW29 CODE B 90GRD
	730	0035311185	BLADE CONNECTOR	CRIMPVERBINDER	10	PC	0.900 g		2,7-6,6 MM² / BLANK / VERZINNT
	740	0015336331	CAP	FUER WELLROHR	1	PC	1.900 g		ENDTÜLLE / NW10 / AD=13MM
	750	0165314183	CONNECTOR HOUSING FOR CRIMP CONTACT	STECKDOSE ST-KONTAKTE 2,5MM	3	PC	13.500 g		4POL. CODE 2 / DIN 72585
	760	0165314383	DUST CAP F.CONNECTOR HOUSING	SCHUTZKAPPE FÜR PIN-STECKER	6	PC	7.000 g		2-7POL. / DIN 72585
	770	0065319181	END SLEEVE		12	PC	4.700 g		HAUBE 45GRAD, FUER WELLROHR N
	790	X00E50211763	TERMINAL FOR CYLINDER HEAD	CaptiveNut - M520-0097	12	PC	0.027 kg		L=110MM, 250V/1500V/24A 2-POL.

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	30	X54750700145	RETAINER FOR ECU		1	PC	1.079 kg			
	40	X54750700150	RETAINER FOR ECU		1	PC	0.638 kg			
	50	00000002921	HEX SCREW		6	PC	34.500 g	M 10 X 50		ISO4017
	60	X54750700158	RETAINER FOR ECU		1	PC	1.043 kg			
	70	304017008079	HEX SCREW		4	PC	11.700 g	M 8 X 20		ISO4017
	80	X00012261	SPACER SLEEVE		4	PC	36.900 g			
	90	5221530026	DAMPER	SG 2000	12	PC	152.800 g			
	100	304032008014	NUT HEX 8 A3C		24	PC	4.800 g	M 8		ISO4032
	110	X54750700157	RETAINER		1	PC	0.980 kg			
	115	007349008002	WASHER		6	PC	7.900 g	8,4		DIN7349
	120	735151010200	SPACER S2000/4000		2	PC	22.100 g	B 10,5		MTN5151
	130	200433010501	WASHER		2	PC	2.000 g	10,5		DIN433
	140	204017010035	HEX SCREW		2	PC	37.800 g	M 10 X 55		ISO4017
	150	X54750700111	RETAINER		1	PC	1.950 kg			
	160	735151010100	SPACER		4	PC	11.000 g	A 10,5		MTN5151
	180	00000001444	HEX SCREW		2	PC	6.000 g	M 6 X 20		ISO4017
	190	916016020202	CLAMP		3	PC	26.700 g	BRSGU 20/20		N16016
	200	916016014201	CLAMP		2	PC	23.400 g	BRSGU 14/20		N16016
	210	X00E50201048	GROUND/EARTH LINE		1	PC	18.700 g	2XM6, 6QMM, 250MM, ISOLIERT		
	220	000125006431	WASHER		1	PC	0.800 g	A 6,4		DIN125
	240	304017006058	HEX SCREW		1	PC	4.400 g	M 6 X 12		ISO4017
	250	X00E50206705	HEX SCREW		1	PC	4.800 g	M6X12		
	260	X54499100430	SPACER SLEEVE		1	PC	0.022 kg			
	270	916016012201	CLAMP		1	PC	21.000 g	BRSGU 12/20		N16016
	280	000125008427	WASHER		8	PC	1.500 g	A 8,4		DIN125
	290	304017008083	HEX SCREW		1	PC	15.100 g	M 8 X 30		ISO4017
	300	204017008009	HEX SCREW		1	PC	10.900 g	M 8 X 18		ISO4017
	310	5551870640	BRACKET L H:51 S2000 /4000		1	PC	54.900 g			
	320	304017010035	HEX SCREW		1	PC	32.100 g	M 10 X 45		ISO4017
	330	916016010203	CLAMP		1	PC	20.000 g	BRSGU 10/20		N16016
	340	204017008022	HEX SCREW		2	PC	10.000 g	M 8 X 14		ISO4017
	350	00000003934	CLAMP		1	PC	18.000 g	BRSGU S 34/15		N16016
	370	916016016201	CLAMP		2	PC	24.200 g	BRSGU 16/20		N16016
	380	000125010524	WASHER		2	PC	3.100 g	A 10,5		DIN125
	390	00000003020	HEX SCREW		2	PC	20.000 g	M 10 X 20		ISO4017
	400	5620984139	BRACKET FUEL LINE S2 000/4000		1	PC	41.500 g			
	410	916016008202	CLAMP		1	PC	17.900 g	BRSGU 8/20		N16016
	420	304017008081	HEX SCREW		2	PC	13.400 g	M 8 X 25		ISO4017
	430	304032008014	NUT HEX 8 A3C		2	PC	4.800 g	M 8		ISO4032
	440	916016040203	CLAMP		2	PC	45.000 g	BRSGU 40/20		N16016
	450	007349006004	WASHER		2	PC	4.100 g	6,4		DIN7349
	455	8381594840	RETAINER		1	PC	36.500 g			
	470	5241535940	RETAINER	4000	1	PC	126.300 g			
	480	916016020201	CLAMP		1	PC	15.900 g	BRSGU 20/15		N16016
	490	916016016200	CLAMP		3	PC	14.500 g	BRSGU 16/15		N16016
	500	000125006431	WASHER		10	PC	0.800 g	A 6,4		DIN125
	510	00000003387	HEX SCREW		3	PC	5.100 g	M 6 X 16		ISO4017
	520	304032006011	HEX NUT		5	PC	2.200 g	M 6		ISO4032
	530	5241534540	BRACKET H:20	4000	1	PC	85.000 g			
	540	000125010524	WASHER		2	PC	3.100 g	A 10,5		DIN125
	550	304017010035	HEX SCREW		1	PC	32.100 g	M 10 X 45		ISO4017
	560	916016010201	CLAMP		3	PC	9.100 g	BRSGU 10/15		N16016
	570	916016010205	CLAMP		1	PC	35.000 g	BRSGU 10/25		N16016
	580	00000003020	HEX SCREW		1	PC	20.000 g	M 10 X 20		ISO4017

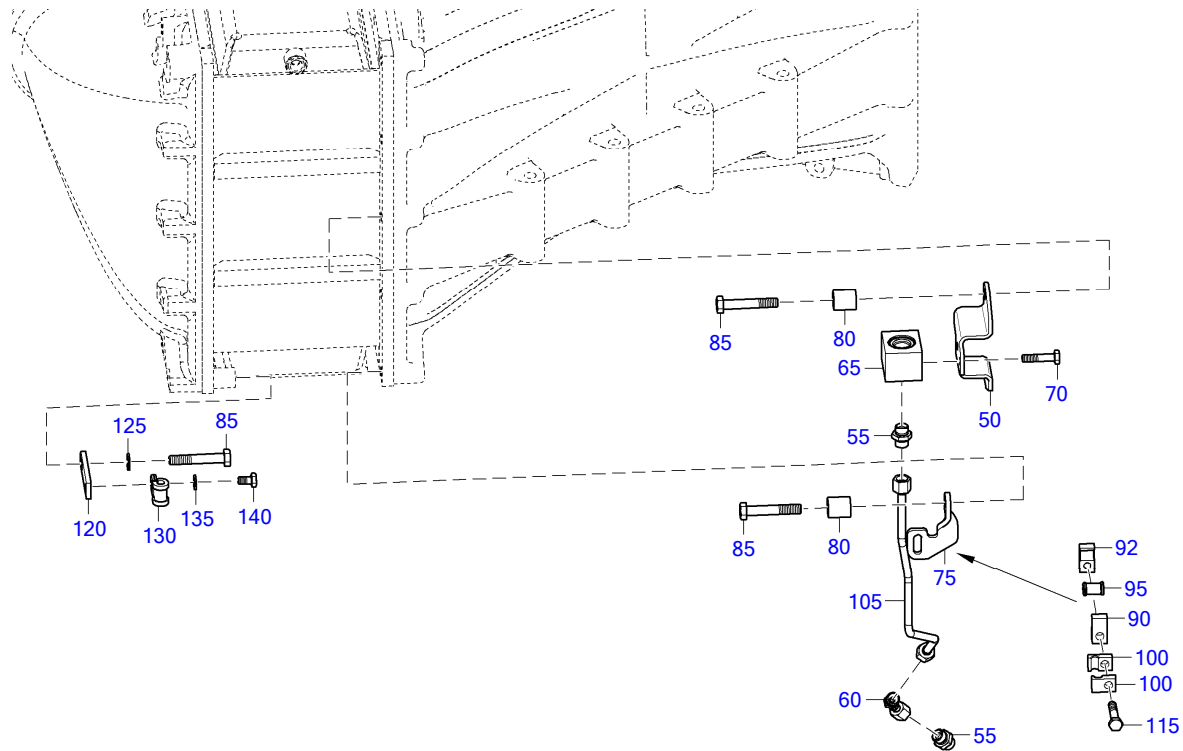
□	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	590	5241533040	BRACKET OFFSET H:15 MARINE	4000	2	PC	93.700 g			
	600	916016010203	CLAMP		1	PC	20.000 g	BRSGU 10/20		N16016
	620	304017006063	HEX SCREW		2	PC	6.800 g	M 6 X 25		ISO4017
	630	000125008427	WASHER		4	PC	1.500 g	A 8,4		DIN125
	640	304017008079	HEX SCREW		2	PC	11.700 g	M 8 X 20		ISO4017
	650	000125013012	WASHER		2	PC	5.600 g	A 13		DIN125
	660	000000004743	HEX SCREW		2	PC	47.700 g	M 12 X 45		ISO4017
	670	5315461043	BRACKET L H:52	8V2000M90	1	PC	81.100 g			
	680	304017008077	HEX SCREW		1	PC	10.500 g	M 8 X 16		ISO4017
	690	5315460443	BRACKET H:41 S2000/S 4000	8V2000M90	1	PC	65.000 g			
	700	204014008009	HEX SCREW		1	PC	48.900 g	M 8 X120		ISO4014
	720	5241534440	BRACKET L H:40	4000	1	PC	99.900 g			
	730	000000001464	HEX SCREW		1	PC	24.900 g	M 10 X 30		ISO4017
	740	X57299100541	SPACER SLEEVE		1	PC	14.200 g			
	750	5315461343	Connector Fastener		1	PC	95.000 g			
	760	007349006004	WASHER		2	PC	4.100 g	6,4		DIN7349
	770	304017006065	HEX SCREW		1	PC	7.500 g	M 6 X 30		ISO4017
	780	304032006011	HEX NUT		1	PC	2.200 g	M 6		ISO4032
	790	8381594840	RETAINER		6	PC	36.500 g			
	800	916016010203	CLAMP		12	PC	20.000 g	BRSGU 10/20		N16016
	810	000125008427	WASHER		17	PC	1.500 g	A 8,4		DIN125
	820	304017008081	HEX SCREW		6	PC	13.400 g	M 8 X 25		ISO4017
	830	304032008014	NUT HEX 8 A3C		6	PC	4.800 g	M 8		ISO4032
	840	916016022202	CLAMP		5	PC	27.800 g	BRSGU 22/20		N16016
	850	304017008079	HEX SCREW		5	PC	11.700 g	M 8 X 20		ISO4017
	855	916016016201	CLAMP		5	PC	24.200 g	BRSGU 16/20		N16016
	870	5315460443	BRACKET H:41 S2000/S 4000	8V2000M90	1	PC	65.000 g			
	880	000125008427	WASHER		8	PC	1.500 g	A 8,4		DIN125
	890	006902006100	WASHER		2	PC	1.400 g	A 6,5		DIN6902
	900	916016016201	CLAMP		1	PC	24.200 g	BRSGU 16/20		N16016
	910	304017008079	HEX SCREW		4	PC	11.700 g	M 8 X 20		ISO4017
	920	304032008014	NUT HEX 8 A3C		4	PC	4.800 g	M 8		ISO4032
	930	916016012201	CLAMP		2	PC	21.000 g	BRSGU 12/20		N16016
	940	5901751641	BRACKET L H:22		2	PC	31.300 g			
	950	916016014201	CLAMP		2	PC	23.400 g	BRSGU 14/20		N16016
	960	000125010524	WASHER		4	PC	3.100 g	A 10,5		DIN125
	970	000000004745	HEX SCREW		2	PC	41.800 g	M 10 X 65		ISO4017
	990	000000003187	NUT HEX A3C		2	PC	9.200 g	M 10		ISO4032
	1000	916016020201	CLAMP		1	PC	15.900 g	BRSGU 20/15		N16016
	1005	000125006431	WASHER		1	PC	0.800 g	A 6,4		DIN125
	1020	000000003387	HEX SCREW		3	PC	5.100 g	M 6 X 16		ISO4017
	1040	916016010205	CLAMP		2	PC	35.000 g	BRSGU 10/25		N16016
	1050	5225460043	BRACKET L H:49	12/16V2000SG	1	PC	75.000 g			
	1060	5361530840	BRACKET H:28		1	PC	55.200 g	H028		
	1070	916016008200	CLAMP		1	PC	9.400 g	BRSGU 8/15		N16016
	1080	000125010524	WASHER		4	PC	3.100 g	A 10,5		DIN125
	1090	000000003020	HEX SCREW		2	PC	20.000 g	M 10 X 20		ISO4017
	1100	000125006431	WASHER		1	PC	0.800 g	A 6,4		DIN125
	1110	304017006058	HEX SCREW		1	PC	4.400 g	M 6 X 12		ISO4017
	1120	204017010021	HEX SCREW		1	PC	32.500 g	M 10 X 45		ISO4017
	1130	000125008427	WASHER		8	PC	1.500 g	A 8,4		DIN125
	1140	304017008079	HEX SCREW		5	PC	11.700 g	M 8 X 20		ISO4017
	1150	304032008014	NUT HEX 8 A3C		4	PC	4.800 g	M 8		ISO4032
	1160	007349006004	WASHER		2	PC	4.100 g	6,4		DIN7349

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	1170	000000003387	HEX SCREW		2	PC	5.100 g		M 6 X 16	ISO4017
	1180	8381594840	RETAINER		3	PC	36.500 g			
	1190	304017008077	HEX SCREW		1	PC	10.500 g		M 8 X 16	ISO4017
	1200	916016006202	CLAMP		1	PC	16.400 g		BRS GU 6/20	N16016
	1201	916016010203	CLAMP		2	PC	20.000 g		BRS GU 10/20	N16016
	1202	007349008002	WASHER		1	PC	7.900 g		8,4	DIN7349
	1220	5241538440	BRACKET		2	PC	30.100 g		SB	
	1230	000125008427	WASHER		7	PC	1.500 g		A 8,4	DIN125
	1240	916016008202	CLAMP		3	PC	17.900 g		BRS GU 8/20	N16016
	1250	304017008085	HEX SCREW		2	PC	18.000 g		M 8 X 40	ISO4017
	1260	304017008076	HEX SCREW		2	PC	9.100 g		M 8 X 12	ISO4017
	1270	916016015204	CLAMP		1	PC	40.600 g		BRS GU 15/25	N16016
	1280	000125010524	WASHER		6	PC	3.100 g		A 10,5	DIN125
	1290	000000003326	HEX SCREW		1	PC	27.400 g		M 10 X 35	ISO4017
	1300	916016010205	CLAMP		4	PC	35.000 g		BRS GU 10/25	N16016
	1310	204017010021	HEX SCREW		2	PC	32.500 g		M 10 X 45	ISO4017
	1320	5511532350	SPACER BUSHING		1	PC	37.900 g			
	1330	X56950700015	RETAINER F. WIRING HARNESS		1	PC	104.800 g			
	1340	000000001042	HEX SCREW		1	PC	34.600 g		M 10 X 50	ISO4017
	1350	X00018519	RETAINER		1	PC	65.000 g			
	1360	916016012201	CLAMP		2	PC	21.000 g		BRS GU 12/20	N16016
	1370	304017008079	HEX SCREW		1	PC	11.700 g		M 8 X 20	ISO4017
	1380	304032008014	NUT HEX 8 A3C		2	PC	4.800 g		M 8	ISO4032
	1390	X88099100110	STRAP		1	PC	82.800 g			
	1400	916016020203	CLAMP		1	PC	47.500 g		BRS GU 20/25	N16016
	1410	000000003021	HEX SCREW		2	PC	22.800 g		M 10 X 25	ISO4017
	1420	007349008002	WASHER		3	PC	7.900 g		8,4	DIN7349
	1430	304017008081	HEX SCREW		2	PC	13.400 g		M 8 X 25	ISO4017
	1440	5551870640	BRACKET L H:51 S2000 /4000		1	PC	54.900 g			
	1450	916016010203	CLAMP		1	PC	20.000 g		BRS GU 10/20	N16016
	1455	304017008089	HEX SCREW		1	PC	24.200 g		M 8 X 60	ISO4017
	1470	8331501573	BRACKET FLAT W/MB NU T H:60		1	PC	18.200 g		SB	
	1480	304017008077	HEX SCREW		2	PC	10.500 g		M 8 X 16	ISO4017
	1490	916016020202	CLAMP		1	PC	26.700 g		BRS GU 20/20	N16016
	1500	000125008427	WASHER		4	PC	1.500 g		A 8,4	DIN125
	1510	304017008081	HEX SCREW		1	PC	13.400 g		M 8 X 25	ISO4017
	1520	X54799100052	RETAINER		1	PC	205.600 g			
	1530	000125010524	WASHER		2	PC	3.100 g		A 10,5	DIN125
	1540	304017010036	HEX SCREW		1	PC	30.000 g		M 10 X 40	ISO4017
	1550	916016016201	CLAMP		1	PC	24.200 g		BRS GU 16/20	N16016
	1560	X59450700011	BRACKET WIRING HARNE SS		1	PC	56.700 g			
	1570	007349010002	WASHER		1	PC	11.000 g		10,5	DIN7349
	1580	000000002979	HEX SCREW		1	PC	32.100 g		M 10 X 45	ISO4017
	1590	916016008202	CLAMP		1	PC	17.900 g		BRS GU 8/20	N16016
	1600	304032008014	NUT HEX 8 A3C		1	PC	4.800 g		M 8	ISO4032
	1610	916016012201	CLAMP		1	PC	21.000 g		BRS GU 12/20	N16016
	1620	304017008079	HEX SCREW		1	PC	11.700 g		M 8 X 20	ISO4017
	1630	916016010205	CLAMP		2	PC	35.000 g		BRS GU 10/25	N16016
	1640	204017010016	HEX SCREW		1	PC	26.100 g		M 10 X 32	ISO4017
	1660	916016006202	CLAMP		3	PC	16.400 g		BRS GU 6/20	N16016
	1670	000125008427	WASHER		8	PC	1.500 g		A 8,4	DIN125
	1680	304032008014	NUT HEX 8 A3C		1	PC	4.800 g		M 8	ISO4032
	1690	735151008101	WASHER		3	PC	8.000 g		A 8,4	MTN5151
	1700	X59450700011	BRACKET WIRING HARNE SS		2	PC	56.700 g			

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	1710	916016016201	CLAMP		1	PC	24.200 g		BRSGU 16/20	N16016
	1720	304017008081	HEX SCREW		4	PC	13.400 g		M 8 X 25	ISO4017
	1730	304017008085	HEX SCREW		1	PC	18.000 g		M 8 X 40	ISO4017
	1740	916016012201	CLAMP		2	PC	21.000 g		BRSGU 12/20	N16016
	1770	304017008077	HEX SCREW		1	PC	10.500 g		M 8 X 16	ISO4017
	1780	304017008086	HEX SCREW		1	PC	19.400 g		M 8 X 45	ISO4017
	1790	X56999100120	RETAINER		1	PC	0.100 kg			
	1800	916016015202	CLAMP		1	PC	13.500 g		BRSGU 15/15	N16016
	1810	00000003027	WASHER		1	PC	2.200 g		5,3	DIN7349
	1820	304017005024	HEX SCREW		1	PC	2.800 g		M 5 X 12	ISO4017
	1830	00000004745	HEX SCREW		1	PC	41.800 g		M 10 X 65	ISO4017
	1850	136M55056/1	BRACKET H:78		2	PC	48.000 g			
	1860	916016014201	CLAMP		2	PC	23.400 g		BRSGU 14/20	N16016
	1870	00000003926	HEX SCREW		2	PC	54.000 g		M 12 X 55	ISO4017
	1880	000125008427	WASHER		5	PC	1.500 g		A 8,4	DIN125
	1890	304017008077	HEX SCREW		2	PC	10.500 g		M 8 X 16	ISO4017
	1900	5531870040	BRACKET DEG X 28.5		1	PC	46.000 g			
	1910	5225460043	BRACKET L H:49	12/16V2000SG	1	PC	75.000 g			
	1920	916016018202	CLAMP		1	PC	25.700 g		BRSGU 18/20	N16016
	1930	000125010524	WASHER		3	PC	3.100 g		A 10,5	DIN125
	1940	00000003020	HEX SCREW		2	PC	20.000 g		M 10 X 20	ISO4017
	1950	916016015204	CLAMP		1	PC	40.600 g		BRSGU 15/25	N16016
	1960	5241538440	BRACKET		1	PC	30.100 g	SB		
	1970	916016020202	CLAMP		1	PC	26.700 g		BRSGU 20/20	N16016
	1990	007349008002	WASHER		1	PC	7.900 g		8,4	DIN7349
	2000	5241534640	BRACKET L H:30 SENSO R E	4000	1	PC	47.000 g			
	2021	304017008081	HEX SCREW		2	PC	13.400 g		M 8 X 25	ISO4017
	2022	304032008014	NUT HEX 8 A3C		2	PC	4.800 g		M 8	ISO4032
	2023	00000003021	HEX SCREW		1	PC	22.800 g		M 10 X 25	ISO4017
	2040	X56999100120	RETAINER		1	PC	0.100 kg			
	2050	916016012200	CLAMP		2	PC	10.000 g		BRSGU 12/15	N16016
	2055	916016016200	CLAMP		2	PC	14.500 g		BRSGU 16/15	N16016
	2060	916016016201	CLAMP		4	PC	24.200 g		BRSGU 16/20	N16016
	2070	00000003027	WASHER		1	PC	2.200 g		5,3	DIN7349
	2080	304017005025	HEX SCREW		1	PC	3.300 g		M 5 X 16	ISO4017
	2090	5241534540	BRACKET H:20	4000	1	PC	85.000 g			
	2100	000125010524	WASHER		5	PC	3.100 g		A 10,5	DIN125
	2110	00000003020	HEX SCREW		1	PC	20.000 g		M 10 X 20	ISO4017
	2120	000125006431	WASHER		2	PC	0.800 g		A 6,4	DIN125
	2130	304017006063	HEX SCREW		1	PC	6.800 g		M 6 X 25	ISO4017
	2140	304032006011	HEX NUT		1	PC	2.200 g		M 6	ISO4032
	2150	8381594840	RETAINER		5	PC	36.500 g			
	2160	916016010203	CLAMP		10	PC	20.000 g		BRSGU 10/20	N16016
	2170	000125008427	WASHER		14	PC	1.500 g		A 8,4	DIN125
	2180	304017008081	HEX SCREW		5	PC	13.400 g		M 8 X 25	ISO4017
	2190	304032008014	NUT HEX 8 A3C		5	PC	4.800 g		M 8	ISO4032
	2200	916016022202	CLAMP		4	PC	27.800 g		BRSGU 22/20	N16016
	2210	304017008079	HEX SCREW		5	PC	11.700 g		M 8 X 20	ISO4017
	2220	916016012203	CLAMP		2	PC	35.800 g		BRSGU 12/25	N16016
	2230	5241534640	BRACKET L H:30 SENSO R E	4000	2	PC	47.000 g			
	2235	00000001464	HEX SCREW		2	PC	24.900 g		M 10 X 30	ISO4017
	2240	00000003326	HEX SCREW		2	PC	27.400 g		M 10 X 35	ISO4017
	2250	304017008077	HEX SCREW		1	PC	10.500 g		M 8 X 16	ISO4017
	2260	009021008204	WASHER		1	PC	5.900 g		8,4	DIN9021

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	2280	5241538440	BRACKET		2	PC	30.100 g	SB		
	2290	916016012201	CLAMP		3	PC	21.000 g	BRSQU 12/20		N16016
	2300	000125008427	WASHER		4	PC	1.500 g	A 8,4		DIN125
	2310	304017008076	HEX SCREW		2	PC	9.100 g	M 8 X 12		ISO4017
	2320	000000003347	HEX SCREW		1	PC	37.500 g	M 10 X 55		ISO4017
	2330	916016010203	CLAMP		1	PC	20.000 g	BRSQU 10/20		N16016
	2340	5551870640	BRACKET L H:51 S2000 /4000		1	PC	54.900 g			
	2350	204017010021	HEX SCREW		1	PC	32.500 g	M 10 X 45		ISO4017
	2360	304017008077	HEX SCREW		2	PC	10.500 g	M 8 X 16		ISO4017
	2370	X59550700007	RETAINER		1	PC	35.800 g	H012/1		
	2380	916016016201	CLAMP		1	PC	24.200 g	BRSQU 16/20		N16016
	2400	916016012203	CLAMP		1	PC	35.800 g	BRSQU 12/25		N16016
	2410	000125010524	WASHER		2	PC	3.100 g	A 10,5		DIN125
	2420	000000004740	HEX SCREW		3	PC	63.400 g	M 10 X 95		ISO4014
	2430	X59499100415	RETAINER		1	PC	97.200 g			
	2440	916016015202	CLAMP		2	PC	13.500 g	BRSQU 15/15		N16016
	2450	000125006431	WASHER		4	PC	0.800 g	A 6,4		DIN125
	2460	000000004162	HEX SCREW		2	PC	6.100 g	M 6 X 20		ISO4017
	2480	304032006011	HEX NUT		2	PC	2.200 g	M 6		ISO4032
	2490	5241538440	BRACKET		2	PC	30.100 g	SB		
	2500	000000003020	HEX SCREW		1	PC	20.000 g	M 10 X 20		ISO4017
	2510	916016012201	CLAMP		2	PC	21.000 g	BRSQU 12/20		N16016
	2520	000125008427	WASHER		3	PC	1.500 g	A 8,4		DIN125
	2530	304017008076	HEX SCREW		2	PC	9.100 g	M 8 X 12		ISO4017
	2531	5315461043	BRACKET L H:52	8V2000M90	1	PC	81.100 g			
	2532	007349010002	WASHER		3	PC	11.000 g	10,5		DIN7349
	2533	000000003021	HEX SCREW		1	PC	22.800 g	M 10 X 25		ISO4017
	2534	916016010203	CLAMP		1	PC	20.000 g	BRSQU 10/20		N16016
	2535	304017008077	HEX SCREW		1	PC	10.500 g	M 8 X 16		ISO4017
	2550	916016016201	CLAMP		1	PC	24.200 g	BRSQU 16/20		N16016
	2560	000125008427	WASHER		10	PC	1.500 g	A 8,4		DIN125
	2570	304017008079	HEX SCREW		4	PC	11.700 g	M 8 X 20		ISO4017
	2580	304032008014	NUT HEX 8 A3C		4	PC	4.800 g	M 8		ISO4032
	2590	916016010203	CLAMP		4	PC	20.000 g	BRSQU 10/20		N16016
	2600	8711590571	BRACKET		1	PC	38.500 g			
	2610	5901751641	BRACKET L H:22		2	PC	31.300 g			
	2620	304017008077	HEX SCREW		2	PC	10.500 g	M 8 X 16		ISO4017
	2630	5241538440	BRACKET		1	PC	30.100 g	SB		
	2640	000000000906	HEX SCREW		1	PC	49.400 g	M 10 X 80		ISO4017
	2650	007349010002	WASHER		1	PC	11.000 g	10,5		DIN7349
	2660	000125010524	WASHER		2	PC	3.100 g	A 10,5		DIN125
	2670	000000004745	HEX SCREW		1	PC	41.800 g	M 10 X 65		ISO4017
	2680	000000003187	NUT HEX A3C		1	PC	9.200 g	M 10		ISO4032
	2700	5315460443	BRACKET H:41 S2000/S 4000	8V2000M90	1	PC	65.000 g			
	2705	5315460243	BRACKET FLAT H:55	8V2000M90	1	PC	98.900 g			
	2710	304017008079	HEX SCREW		2	PC	11.700 g	M 8 X 20		ISO4017
	2720	000125008427	WASHER		5	PC	1.500 g	A 8,4		DIN125
	2740	916016020202	CLAMP		1	PC	26.700 g	BRSQU 20/20		N16016
	2750	916016012201	CLAMP		1	PC	21.000 g	BRSQU 12/20		N16016
	2770	916016010201	CLAMP		1	PC	9.100 g	BRSQU 10/15		N16016
	2780	000125006431	WASHER		3	PC	0.800 g	A 6,4		DIN125
	2790	000000003387	HEX SCREW		4	PC	5.100 g	M 6 X 16		ISO4017
	2800	5361530840	BRACKET H:28		1	PC	55.200 g	H028		
	2810	916016012200	CLAMP		2	PC	10.000 g	BRSQU 12/15		N16016

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	2820	000125010524	WASHER		1	PC	3.100 g	A 10,5		DIN125
	2830	000000003020	HEX SCREW		1	PC	20.000 g	M 10 X 20		ISO4017
	2840	304017006058	HEX SCREW		1	PC	4.400 g	M 6 X 12		ISO4017
	2850	007349006004	WASHER		3	PC	4.100 g	6,4		DIN7349
	2860	000000001444	HEX SCREW		1	PC	6.000 g	M 6 X 20		ISO4017
	2870	X57299100096	SPACER SLEEVE		1	PC	22.600 g			
	2880	916016008202	CLAMP		3	PC	17.900 g	BRS GU 8/20		N16016
	2890	304017008086	HEX SCREW		1	PC	19.400 g	M 8 X 45		ISO4017
	2910	304017008088	HEX SCREW		1	PC	22.600 g	M 8 X 55		ISO4017
	2920	304017008083	HEX SCREW		1	PC	15.100 g	M 8 X 30		ISO4017
	2930	735151008101	WASHER		1	PC	8.000 g	A 8,4		MTN5151
	2940	5551870640	BRACKET L H:51 S2000 /4000		1	PC	54.900 g			
	2950	304017008077	HEX SCREW		1	PC	10.500 g	M 8 X 16		ISO4017
	2955	916016012201	CLAMP		1	PC	21.000 g	BRS GU 12/20		N16016
	2980	X54799100167	FLANGE		1	PC	462.500 g			
	2990	X59499100583/88	HOSE		1	PC	100.000 g	W1-DN6X265 M14X1,5		
	3000	707000000076	UNION		2	PC	22.900 g	6		N15006
	3010	X54799101337	PIPE ELBOW		1	PC	0.035 kg	MMN 160-KR 6-C		
	3040	5315461243	BRACKET OFFSET H:54 CAC	8,12,16V2000M	1	PC	153.700 g			
	3050	000125008427	WASHER		7	PC	1.500 g	A 8,4		DIN125
	3060	304017008085	HEX SCREW		3	PC	18.000 g	M 8 X 40		ISO4017
	3070	916016014201	CLAMP		2	PC	23.400 g	BRS GU 14/20		N16016
	3080	000125010524	WASHER		1	PC	3.100 g	A 10,5		DIN125
	3090	304017008077	HEX SCREW		2	PC	10.500 g	M 8 X 16		ISO4017
	3100	916016010205	CLAMP		1	PC	35.000 g	BRS GU 10/25		N16016
	3120	916016010203	CLAMP		2	PC	20.000 g	BRS GU 10/20		N16016
	3130	000000001463	HEX SCREW		1	PC	30.500 g	M 8 X 80		ISO4017
	3140	304017008083	HEX SCREW		1	PC	15.100 g	M 8 X 30		ISO4017
	3150	000000001039	HEX SCREW		1	PC	29.800 g	M 10 X 40		ISO4017



TD0000022349\_507

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	50	X54769900004	RETAINER FOR PRESSURE SENSOR	1	PC	0.292 kg		
	55	707000000076	UNION	2	PC	22.900 g	6	N15006
	60	X54799101337	PIPE ELBOW	1	PC	0.035 kg	MMN 160-KR 6-C	
	65	X54799100167	FLANGE	1	PC	462.500 g		
	70	304017008084	HEX SCREW	2	PC	16.400 g	M 8 X 35	ISO4017
	75	X54769900005	RETAINER	1	PC	81.000 g		
	80	5531420553	SLEEVE	3	PC	54.100 g		
	85	204014010032	HEX SCREW	5	PC	42.900 g	M 10 X 60	ISO4014
	90	700325012100	CLAMP HALF TUBE 1/1 D9-12	1	PC	25.000 g	1/1 D 9 - 12	MMN325
	92	700325012200	CLAMP HALF TUBE 1/1 G8-12	1	PC	26.200 g	1/1 G 8 - 12	MMN325
	95	700327008000	GROMMET	1	PC	1.700 g	8	MMN327
	100	700325008100	PIPE CLAMP HALF	2	PC	18.000 g	1/1 D 9 - 8	MMN325
	105	X54799101005	PIPE	1	PC	0.105 kg		
	115	304017008086	HEX SCREW	1	PC	19.400 g	M 8 X 45	ISO4017
	120	136M55056/1	BRACKET H:78	2	PC	48.000 g		
	125	200433010501	WASHER	2	PC	2.000 g	10,5	DIN433
	130	916016008202	CLAMP	2	PC	17.900 g	BRSGU 8/20	N16016
	135	000125008427	WASHER	2	PC	1.500 g	A 8,4	DIN125
	140	204017008022	HEX SCREW	2	PC	10.000 g	M 8 X 14	ISO4017

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	20	X54750700106	RETAINER	1	PC	0.297 kg		
	30	007349013002	WASHER	1	PC	24.500 g	13	DIN7349
	40	000000003917	HEX SCREW	1	PC	61.000 g	M 12 X 65	ISO4017
	50	X54750700105	RETAINER	1	PC	1.539 kg		
	60	735151010100	SPACER	1	PC	11.000 g	A 10,5	MTN5151
	70	000000002921	HEX SCREW	2	PC	34.500 g	M 10 X 50	ISO4017
	80	000125008427	WASHER	8	PC	1.500 g	A 8,4	DIN125
	90	X54950700010	RETAINER	1	PC	2.888 kg		
	100	304017008079	HEX SCREW	5	PC	11.700 g	M 8 X 20	ISO4017
	110	916016010203	CLAMP	1	PC	20.000 g	BRSGU 10/20	N16016
	120	007349008000	WASHER	2	PC	7.700 g	8,4	DIN7349
	130	916016025201	CLAMP	2	PC	18.200 g	BRSGU 25/15	N16016
	140	000125006431	WASHER	2	PC	0.800 g	A 6,4	DIN125
	150	000000003387	HEX SCREW	2	PC	5.100 g	M 6 X 16	ISO4017
	160	8711590571	BRACKET	2	PC	38.500 g		
	170	304017008077	HEX SCREW	3	PC	10.500 g	M 8 X 16	ISO4017
	180	304032008014	NUT HEX 8 A3C	2	PC	4.800 g	M 8	ISO4032
	190	000000002839	CLAMP	3	PC	29.800 g	BRSGU 24/20	N16016

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	30	00000001444	HEX SCREW		1	PC	6.000 g	M 6 X 20	ISO4017
	40	00000003000	HEX SCREW		1	PC	7.600 g	M 6 X 30	ISO4017
	50	00000003387	HEX SCREW		4	PC	5.100 g	M 6 X 16	ISO4017
	60	000125006431	WASHER		6	PC	0.800 g	A 6,4	DIN125
	70	000125008427	WASHER		2	PC	1.500 g	A 8,4	DIN125
	80	007349006004	WASHER		1	PC	4.100 g	6,4	DIN7349
	90	204017010032	HEX SCREW		2	PC	0.010 kg	M 10 X 20	ISO4017
	100	304017005024	HEX SCREW		4	PC	2.800 g	M 5 X 12	ISO4017
	110	304017006051	HEX SCREW		4	PC	12.900 g	M 6 X 60	ISO4017
	120	304017008077	HEX SCREW		2	PC	10.500 g	M 8 X 16	ISO4017
	130	304032006011	HEX NUT		1	PC	2.200 g	M 6	ISO4032
	140	304032008014	NUT HEX 8 A3C		8	PC	4.800 g	M 8	ISO4032
	150	5221530026	DAMPER	SG 2000	4	PC	152.800 g		
	160	5551870640	BRACKET L H:51 S2000 /4000		2	PC	54.900 g		
	170	8391530653	SLEEVE		1	PC	21.300 g		
	180	916016010203	CLAMP		2	PC	20.000 g	BRSQU 10/20	N16016
	190	916016016201	CLAMP		5	PC	24.200 g	BRSQU 16/20	N16016
254	210	X54799101030	RETAINER FOR MONITORING UNIT		1	PC	2.547 kg		
	220	X54799101031	RETAINER FOR MONITORING UNIT		1	PC	0.498 kg		
	230	X54799101098	RETAINER FOR MONITORING UNIT		1	PC	0.104 kg		
	250	00000001444	HEX SCREW		2	PC	6.000 g	M 6 X 20	ISO4017
	260	00000003027	WASHER		1	PC	2.200 g	5,3	DIN7349
	270	000125006431	WASHER		2	PC	0.800 g	A 6,4	DIN125
	280	000125008427	WASHER		7	PC	1.500 g	A 8,4	DIN125
	290	007349006004	WASHER		2	PC	4.100 g	6,4	DIN7349
	300	304017005024	HEX SCREW		1	PC	2.800 g	M 5 X 12	ISO4017
	310	304017008077	HEX SCREW		7	PC	10.500 g	M 8 X 16	ISO4017
	320	304032006011	HEX NUT		2	PC	2.200 g	M 6	ISO4032
	330	5315461043	BRACKET L H:52	8V2000M90	6	PC	81.100 g		
	340	5551870640	BRACKET L H:51 S2000 /4000		1	PC	54.900 g		
	350	916016010203	CLAMP		9	PC	20.000 g	BRSQU 10/20	N16016
	360	916016016201	CLAMP		1	PC	24.200 g	BRSQU 16/20	N16016
	370	X56999100120	RETAINER		1	PC	0.100 kg		
	390	00000003027	WASHER		2	PC	2.200 g	5,3	DIN7349
	400	000125006431	WASHER		3	PC	0.800 g	A 6,4	DIN125
	410	000125008427	WASHER		4	PC	1.500 g	A 8,4	DIN125
	420	000912006018	SCREW		2	PC	6.200 g	M 6 X 20	DIN912
	430	304017005024	HEX SCREW		2	PC	2.800 g	M 5 X 12	ISO4017
	440	304017008085	HEX SCREW		4	PC	18.000 g	M 8 X 40	ISO4017
	445	00000003387	HEX SCREW		1	PC	5.100 g	M 6 X 16	ISO4017
	450	5240130080	GASKET		1	PC	7.200 g	160 x 115	
	460	916016010203	CLAMP		2	PC	20.000 g	BRSQU 10/20	N16016
	470	X00018278	CABLE ENTRY	UNI DICHT	1	PC	209.200 g	M50X1,5	
	480	X54799101091	RETAINER		1	PC	2.300 kg		
	490	X54799101092	RETAINER		1	PC	0.192 kg		
	500	X56999100120	RETAINER		2	PC	0.100 kg		
	510	X59450700011	BRACKET WIRING HARNE SS		1	PC	56.700 g		

EQUI TYPE: Engine

PRODUCT TYPE: 12V4000C65  
RETAINER FOR MONITORING UNIT

SERIAL NUMBER: 5472000318

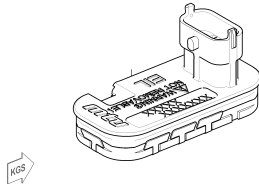
FG/FGS:

BOM-No.: X54799101030

☐	POS.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
	30	PRESS-IN NUT	M5	4	PC	10.000 g	KE	CLSS-M5-1

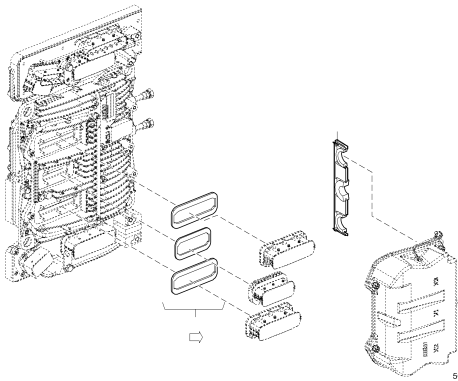
GROUP SEGMENT (FGS)  
GROUP NAME  
BOM-No.

95  
HOUSING FOR ELECTRONICS  
XS00E500.01695



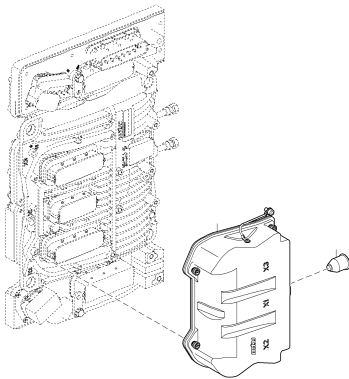
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95  
PROTECTIVE HALF-COVR FOR GOVERNOR  
XS00E500.02326



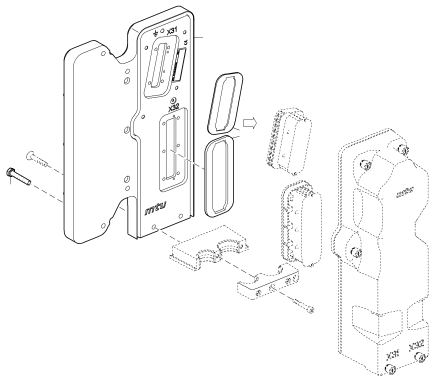
50704812

95  
COVER FOR GOVERNOR  
XS00E500.02327



50704811

95  
EXTENSION UNIT FOR ENGINE GOVERNOR  
XS00E500.02351

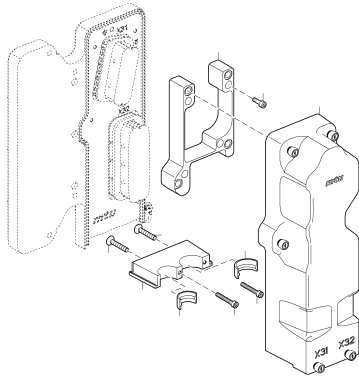


50801692

GROUP SEGMENT (FGS)

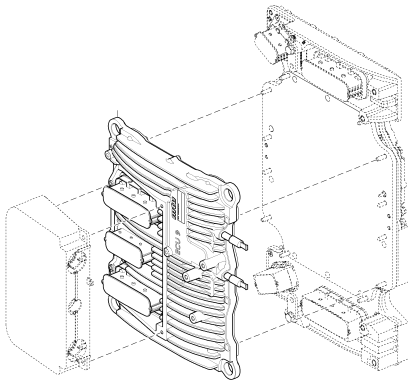
GROUP NAME

BOM-No.



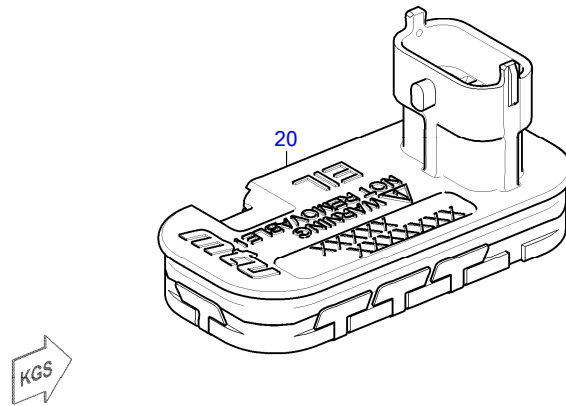
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95  
**HOOD**  
XS00E500.02353



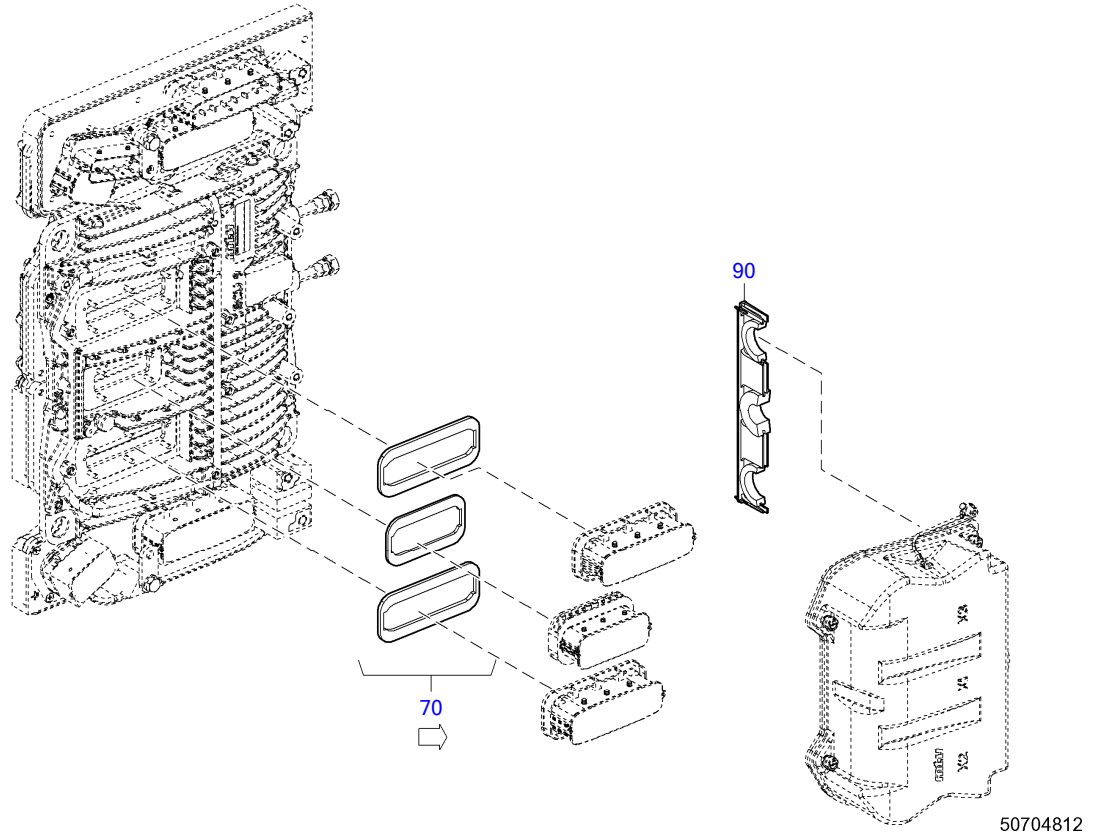
50801294

95  
**GOVERNOR**  
XS00E500.02438

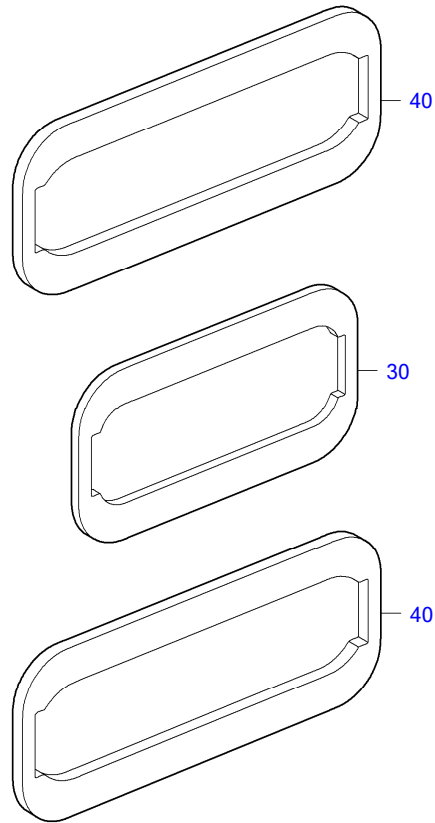


50702999

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT
	20	<b>B00E50204076</b>	HOUSING FOR ELECTRONICS	EIL1-02	1	PC	35.000 g

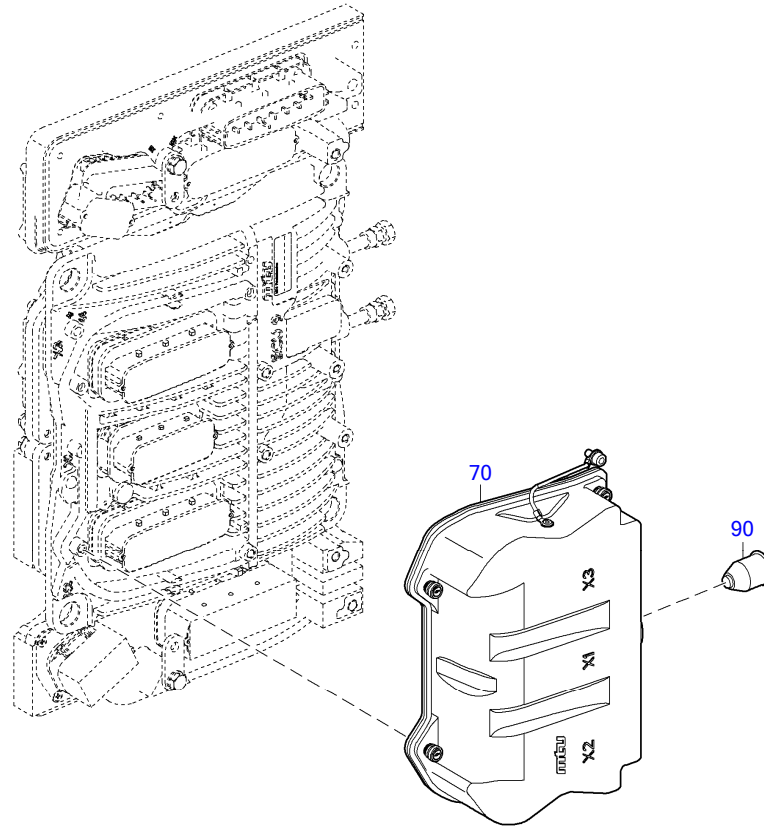


☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT
	70	<b>B00E50203897</b>	GASKET KIT FOR CONNECTOR	ECU9	1	PC	5.000 g
	90	<b>B00E50202451</b>	STRIP FOR ENGINE GOVERNOR	ECU 9	1	PC	50.000 g



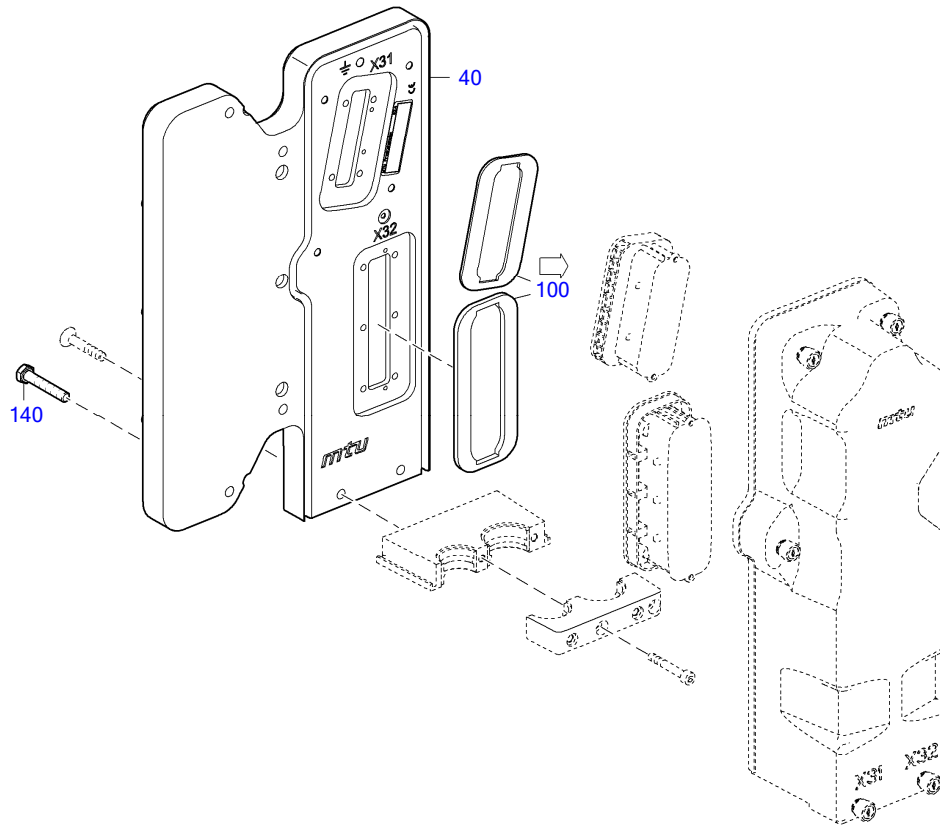
50704813

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT
	30	<b>B00E50203892</b>	GASKET FOR CONNECTOR	ECU	1	PC	10.000 g	62 POLIG
	40	<b>B00E50203893</b>	GASKET FOR CONNECTOR	ECU	2	PC	10.000 g	92 POLIG



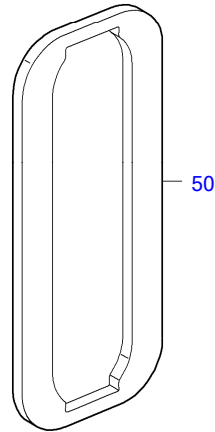
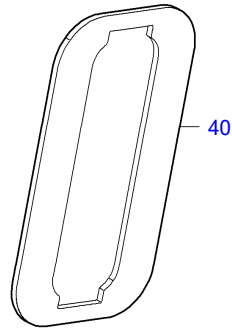
50704811

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT
	70	<b>B00E50202449</b>	COVER FOR ENGINE GOVERNOR	ECU 9	1	PC	200.000 g	
	90	<b>0015336931</b>	CAP	FUER WELLROHR	1	PC	1.000 g	ENDTÜLLE / NW17 / AD=21,2MM




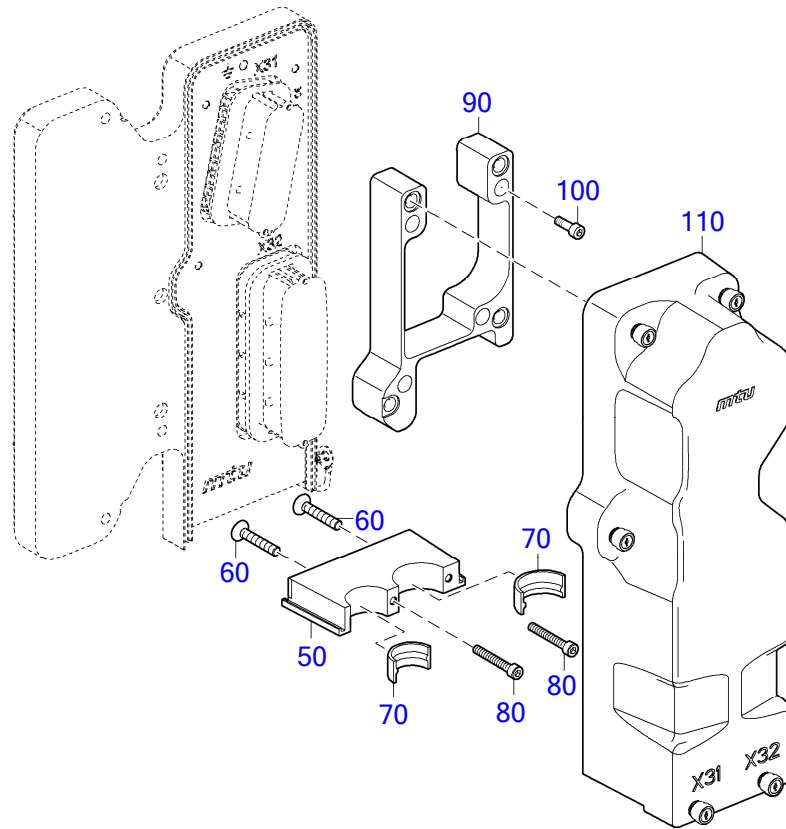
50801892

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	40	<b>X00E50211636</b>	EXTENSION UNIT FOR ENGINE GOVERNOR	EXU1-04	1	PC	3.300 kg	EXU1-04	
261	100	<b>B00E50204088</b>	GASKET KIT FOR CONNECTOR	EXU1	1	PC	100.000 g		
	140	<b>000000002648</b>	HEX SCREW		4	PC	9.400 g	M 6 X 40	ISO4017



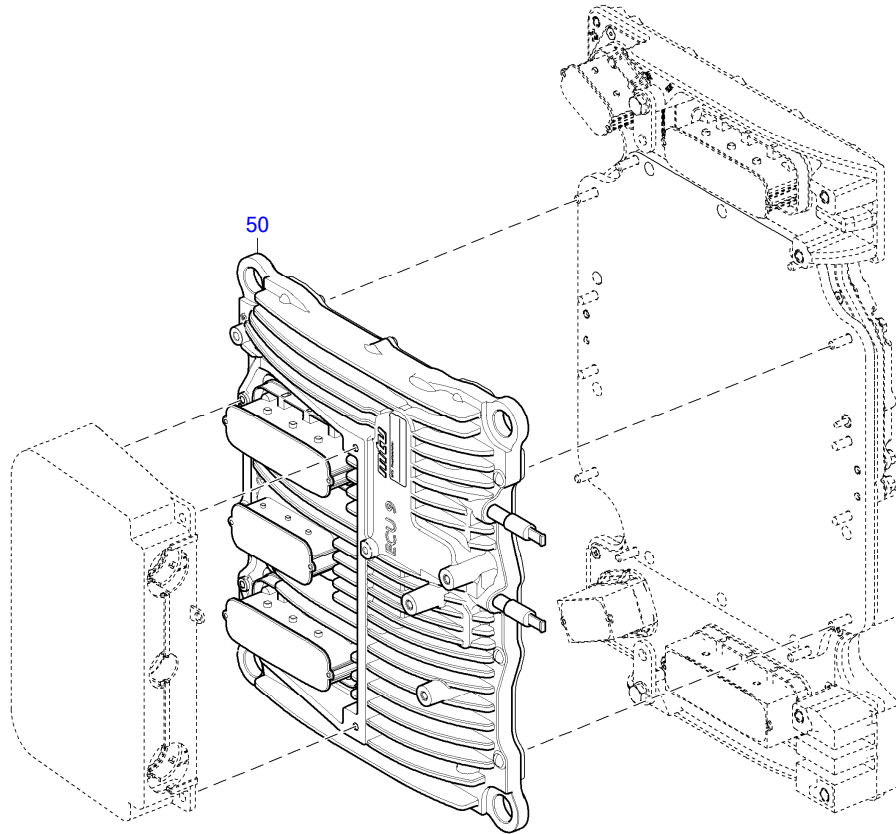
50704817

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT
	40	<b>B00E50203891</b>	GASKET FOR CONNECTOR	ECU	1	PC	10.000 g	46 POLIG
	50	<b>B00E50203893</b>	GASKET FOR CONNECTOR	ECU	1	PC	10.000 g	92 POLIG



50704899

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	50	X00E50209520	CABLE CLAMP BOTTOM	EXU	1	PC	80.000 g		
	60	210642006005	COUNTERSUNK HD SCREW W. INTERNAL HEX.		2	PC	7.200 g	M 6 X 35	ISO10642
	70	X00E50209519	CABLE CLAMP TOP	EXU	1	PC	50.000 g		
	80	204762005003	SCREW		2	PC	6.200 g	M 5 X 35	ISO4762
	90	B00E50205100	FRAME FOR COVER	EXU	1	PC	500.000 g		
	100	000000001321	SCREW		4	PC	3.600 g	M 5 X 16	DIN912
	110	X00E50209416	HOOD FOR ENGINE GOVERNOR	EXU1-01	1	PC	1.300 kg		



50801294

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN
	50	X00E50210472	GOVERNOR	ECU9-05	1	PC	5.340 kg	EM

GROUP SEGMENT (FGS)

**GROUP NAME**

BOM-No.

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05

**STD. GOVERNOR CONFIG MONOLIGHT ECU**  
XS547540.00275

EQUI TYPE: Engine

PRODUCT TYPE: 12V4000C65  
STD. GOVERNOR CONFIG MONOLIGHT ECU

SERIAL NUMBER: 5472000318

FG/FGS: 541 05  
BOM-No.: XS547540.00275

<input type="checkbox"/>	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT
	100	X00E50210108/S0003	SOFTWARE	SW_ECU_9UNIIVAR_1\ED_2_3B8	1	PC	1.000 g	SW_ECU_9UNIIVAR_1\ED_2_3B8
	150	X00E50210110/S0003	SOFTWARE FOR GOVERNOR	ECU9UDS SPS-G AB ED_2_3	1	PC	1.000 g	ECU9UDS SPS-G AB ED_2_3

EQUI TYPE: Engine

PRODUCT TYPE: 12V4000C65  
loose accessories

SERIAL NUMBER: 5472000318  
FG/FGS: ZZ

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GROUP NUMBER (FG)

**GROUP NAME**

BOM-No.

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**INSTRUCTION F/ENG COOLNT PREHEA**  
XS547200.00227

**GOVERNOR CONFIG FROM APPLICATION**  
XS547540.00238