

SPARE PART CATALOG

16V4000C65/5482000021



Power. Passion. Partnership.

Printed in Germany

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

Subject to alterations and amendments **Business Portal Online Print 29-05-2020**

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 nest 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.

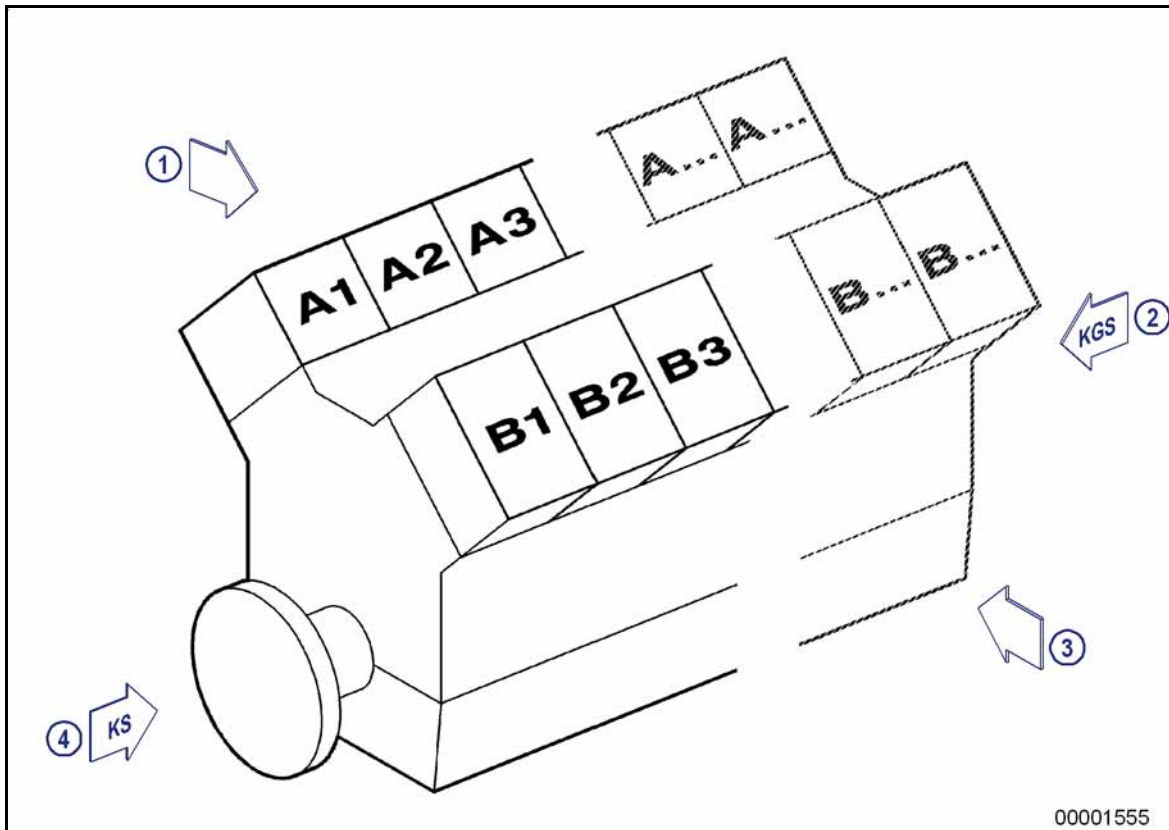
Replacing components with emission labels

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
DIN ISO 1204
(KGS = Kupplungsgegenseite) | 4 Engine driving end in accordance with
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 MISCELLANEOUS MATERIALS

011 CRANKCASE

014 OIL PAN

015 ENGINE MOUNTING

016 END HOUSING, DRIVING END AND FREE END

018 CRANKCASE BREATHER

024 GEAR CASE FREE END

031 CRANKSHAFT WITH BEARING

032 CRANKSHAFT, PTO ON DRIVING END

035 CRANKSHAFT PTO FREE END

036 TRANSPORT LOCK/LOCK FOR CRANKSHAFT

038 CONROD

041 CYLINDER HEAD

051 CAMSHAFT

055 VALVE DRIVE

070 FUEL SYSTEM (HIGH PRESSURE)

073 INJECTION PUMP / HP PUMP

075 INJECTION VALVE / INJECTOR

077 HP FUEL LINE / HP LINE

082 FUEL PIPEWORK FROM 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 HP 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 PIPING TO CYLINDERS

125 AIR PIPING BETWEEN EXHAUST TURBOCHARGER AND INTERCOOLER

141 EXHAUST LINES AFTER CYLINDER HEAD

144 EXHAUST FLOW CONTROL FLAP WITH CONTROLS

145 EXHAUST LINES AFTER ETC

146 EXHAUST LINES AFTER ENGINE (UP TO END OF EGAT)

148 EXHAUST RECIRCULATION

172 ELECTRIC STARTING

181 LUBE OIL PUMP WITH DRIVE

183 OIL FILTRATION/COOLING

184 CRANKCASE-INTERNAL OIL SUPPLY

202 COOLANT CIRCUIT GENERAL, IF APPLICABLE, HT CIRCUIT

203 LOW-TEMPERATURE CIRCUIT

206 COOLANT PIPEWORK WITH THERMOSTAT

213 BATTERY-CHARGING GENERATOR

221 MECHANICAL FAN DRIVE

231 ENGINE MOUNTING

FG FG DESIGNATION

301 NEUTRAL ACCESSORIES

507 GENERAL WIRING, ENGINE / GEARBOX / PLANT

508 ACCESSORIES F. ENGINE GOVERNOR (ELECTRONIC) / CONTROL SYSTEM

ZZ loose accessories

GROUP SEGMENT (FGS)

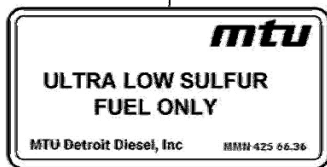
GROUP NAME

BOM-No.

05

FUEL-TANK LABEL ULT.LOW SULFUR FUEL

XS524000.00091

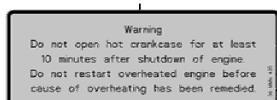


00390193

05

PLAQUARD POSSIBLE EXPLOSION HAZARD

XS524000.00104

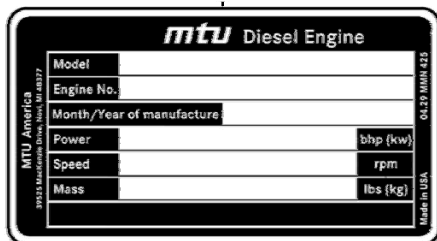


00400101

05

TYPE PLATE USA ENGLISH

XS524000.00115

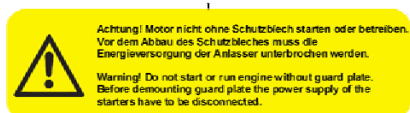


TD00000002850_008

05

PLACARD

XSD01000.00004



00403146

GROUP SEGMENT (FGS)

GROUP NAME

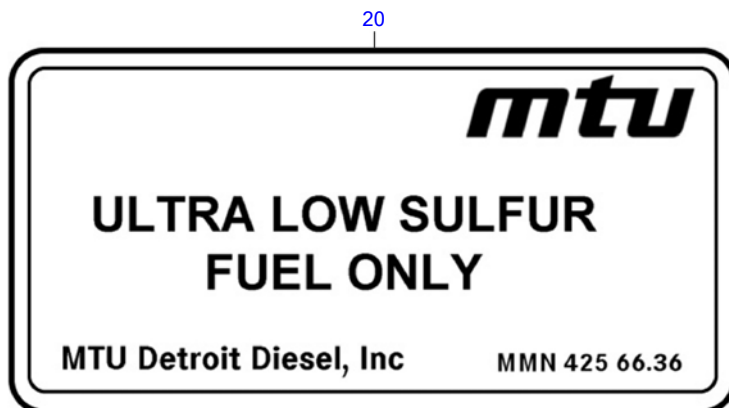
BOM-No.

05

SAFETY PLATE F/ AIR/EXH FLAP
XSD01000.00006



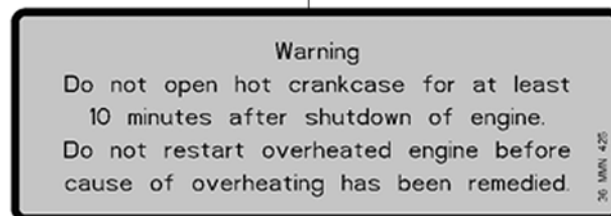
00000001



00400193

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	20	700425000218	EMI-LABEL FUEL TANK U.L.S.F.O	1	PC	0,3 g	EM	66.36	MMN425

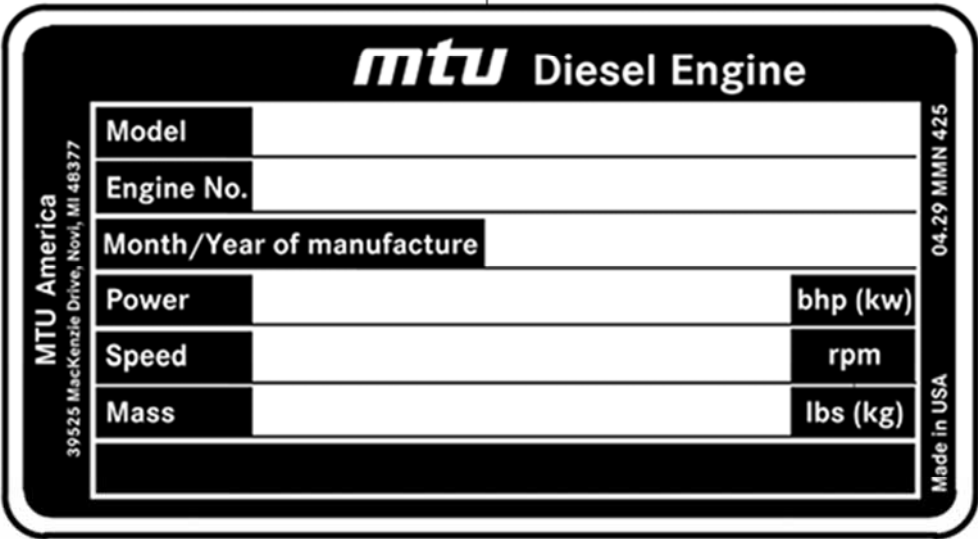
150



00400161

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	150	700425000039	PLATE	4	PC	2,3 g	36	MMN425

20



TD0000006053_004

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	20	700425000237	NAMEPLATE FOR DIESEL ENGINE	1	PC	6,7 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

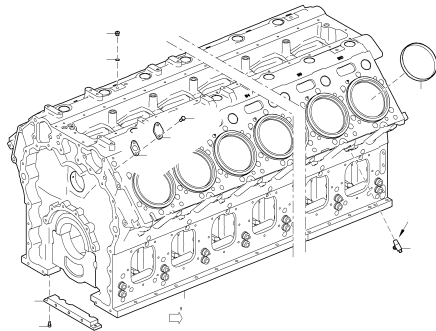
	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
	100	XD0000400001	PLACARD CRUSHING HAZARD	2	PC	0,2 g
	200	XD0000400001	PLACARD CRUSHING HAZARD	1	PC	0,2 g

GROUP SEGMENT (FGS)

GROUP NAME

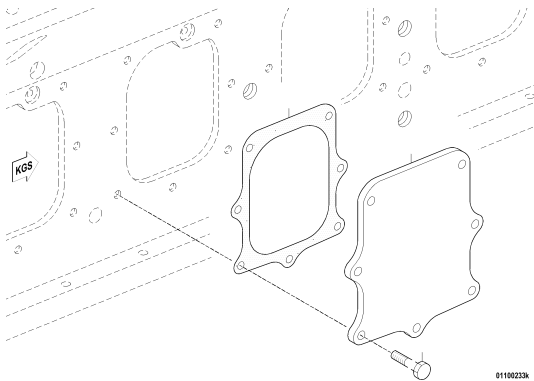
BOM-No.

05

CRANKCASE FOR 16V
XS548010.00083

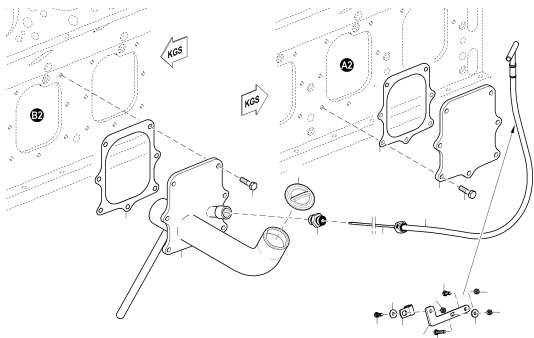
01101963

30

INSPECT PORT COVER
XS593010.00008

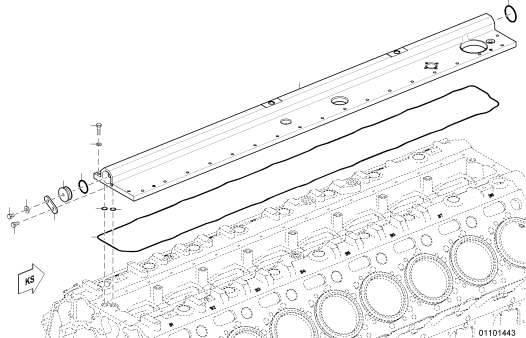
01100233k

40

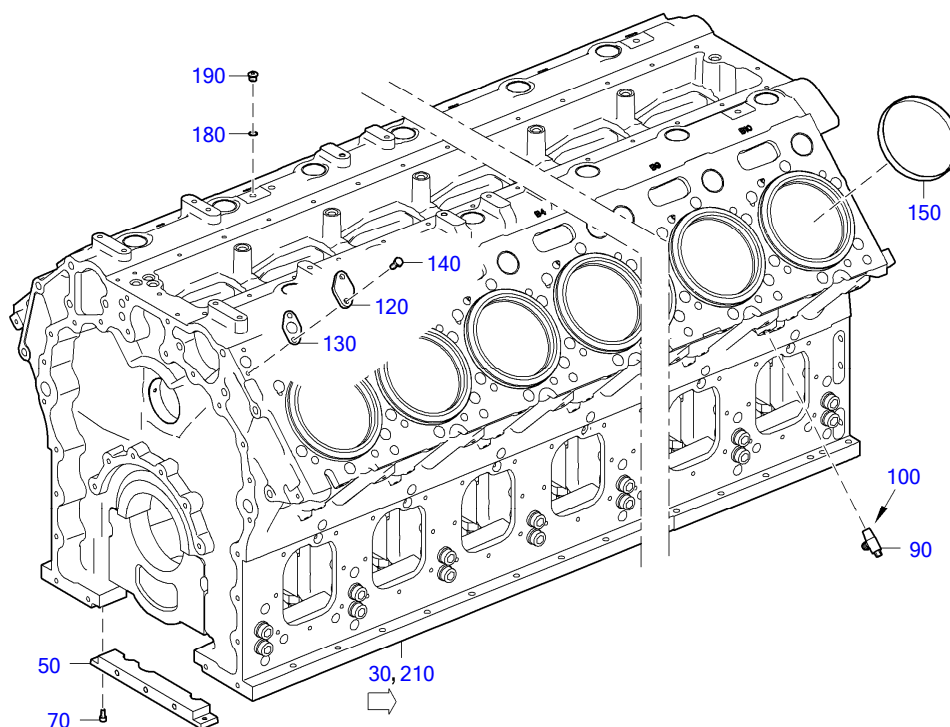
OIL FILLER NECK WITH OIL DIPSTICK
XS547010.00215

TD0000015623_011

40

CRANKCASE COVER FOR MOBILE APPLICS
XS548010.00021

01101443



01101963

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
13	30	X54801100068	CRANKCASE FOR 16V	1	PC	2186 kg	EM		
	50	X52401100023	STRIP	1	PC	2,8 kg			
	70	000912008115	BOLT HEX SOC HD	2	PC	11,4 g		M 8 X 16	DIN912
	90	0049976736	VALVE DRAIN	2	PC	125 g			
	100	50155	TAPE SEALING PTFE	1	PC	0,014 kg		12 X 0,1	MTS5034
	120	5240110045	COVER CRANKCASE BREA THER	2	PC	170 g			
	130	5501871280	GASKET	2	PC	1,1 g			
	140	000000003021	HEX SCREW	4	PC	22,8 g		M 10 X 25	ISO4017
	150	5240110259	RING CARBON SCRAPER	16	PC	200 g			
	180	007603014102	COPPER SEALING RING	3	PC	1 g		A 14 X 18	DIN7603
	190	000908014001	SCREW PLUG	3	PC	0,016 kg		M 14 X 1,5	DIN908
	210	EX54801100068	CRANKCASE FOR 16V	1	PC		MN EM		

EQUI TYPE: Engine

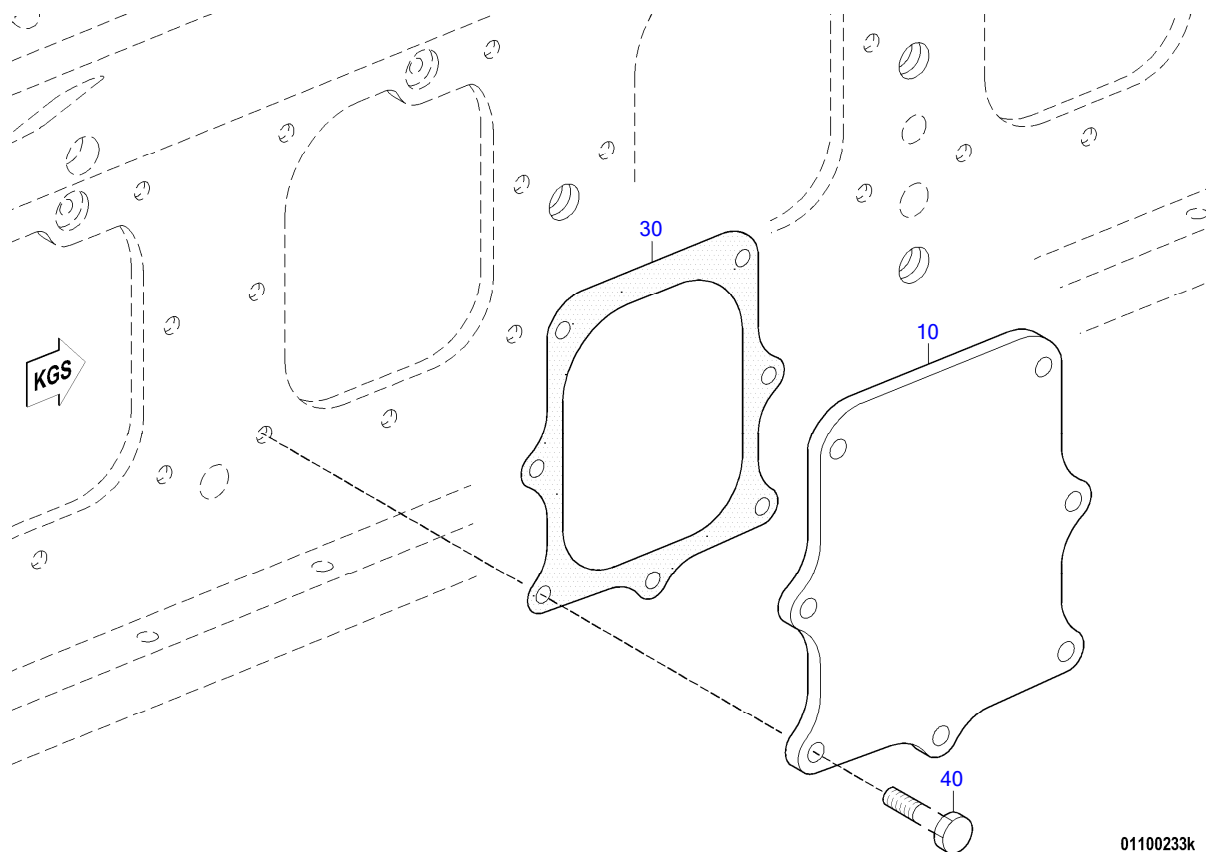
PRODUCT TYPE: 16V4000C65
CRANKCASE FOR 16V

SERIAL NUMBER: 5482000021

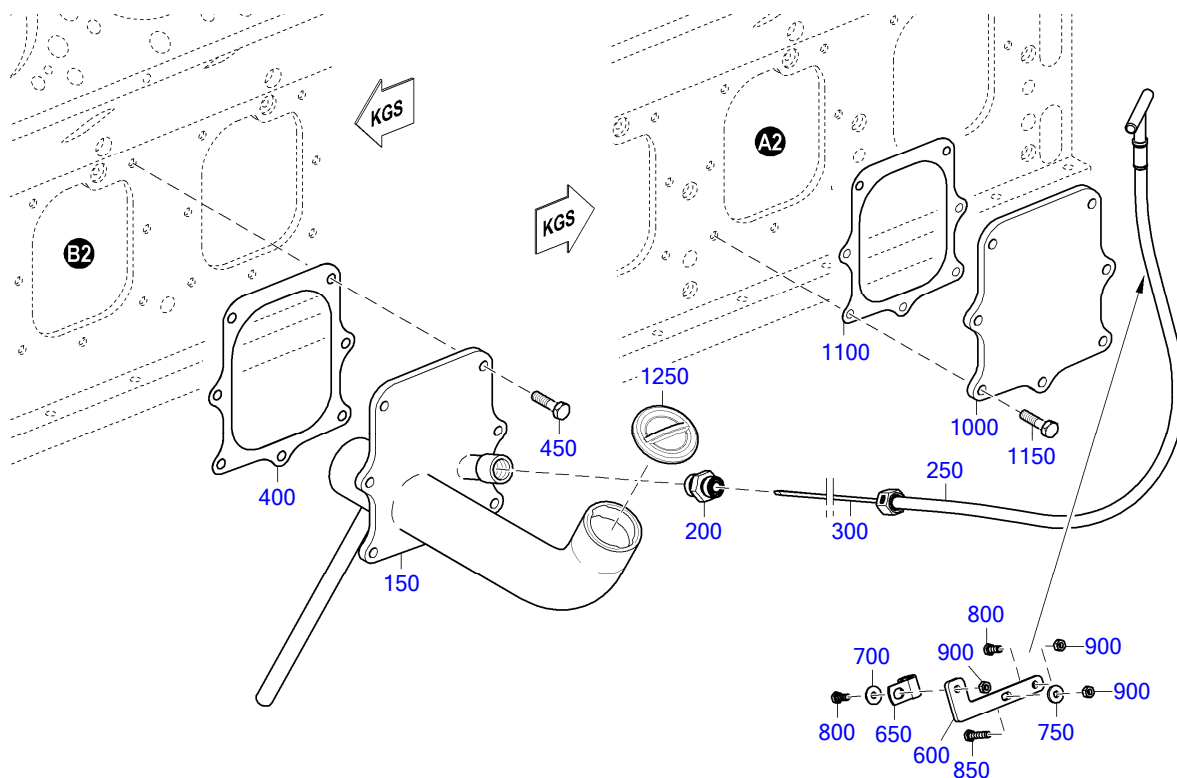
FG/FGS:

BOM-No.: X54801100068

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
	20	X54801100067	CRANKCASE	1	PC		EM	
	30	X52901100008	CRANKSHAFT BRG CAP	9	PC	13,303 kg		
	40	X54701100013	STUD F/CRANKSHFT BEARING	18	PC	1,1 kg		
	50	X54701100010	COLLAR NUT	18	PC	205,6 g		
	60	X52999100023	SCREW W. INTERNAL HEX.	36	PC	489,1 g		M 20 X 1,5 X 175,5
	70	5249970020	SEALING CAP	32	PC	62,6 g		D 50
	80	5240510110	BEARING CAMSHAFT STD	9	PC	136,6 g		
	100	X52901100019	BUSHING	2	PC	48,1 g		
	110	X54701300044	CYLINDER LINER STAGE 0	16	PC	16,876 kg	EM	
	130	5550110259	SEALING RING	32	PC	24,7 g		
	140	X54799100238	O-RING	16	PC	5,7 g		

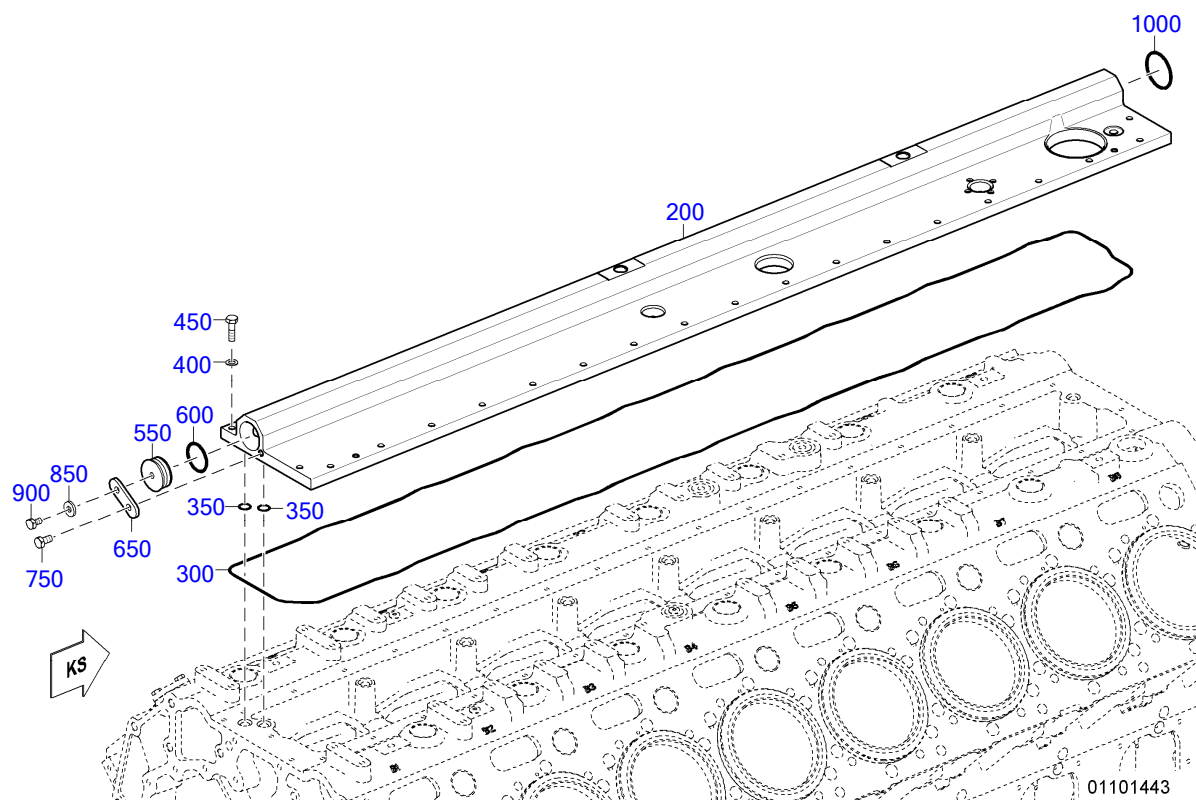


	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	5240110732	COVER CYL BLOCK ACCE SS PORT	1	PC	2,8 kg		
	30	5240111380	GASKET	1	PC	25 g		
	40	000000003021	HEX SCREW	7	PC	22,8 g	M 10 X 25	ISO4017



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	4,92 kg		
200	5319974272	FITTING		1	PC	100 g		
250	X52601400013	GUIDE TUBE FOR OIL DIPSTICK	BR4000	1	PC	0,16 kg		
300	X54799101303	OIL DIPSTICK		1	PC	0,114 kg		
400	5240111380	GASKET		1	PC	25 g		
450	000000003021	HEX SCREW		7	PC	22,8 g	M 10 X 25	ISO4017
1000	5240110732	COVER CYL BLOCK ACCE SS PORT		1	PC	2,8 kg		
1100	5240111380	GASKET		1	PC	25 g		
1150	000000003021	HEX SCREW		7	PC	22,8 g	M 10 X 25	ISO4017
1250	0000181802	OIL FILL CAP		1	PC	110 g		
	916016012201	CLAMP		1	ST	21 g	BRSGU 12/20	N16016
	000125008427	WASHER		2	ST	1,5 g	A 8,4	DIN125
	304017008079	HEX SCREW		1	ST	11,7 g	M 8 X 20	ISO4017

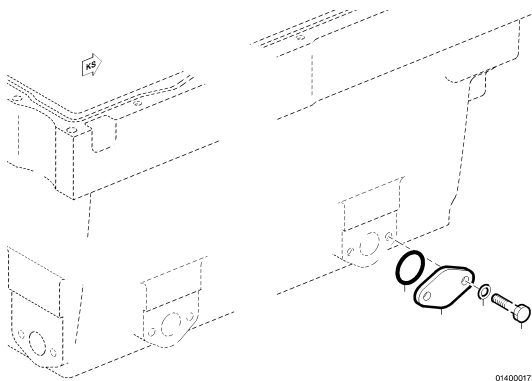


☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	200	X54801100003	END COVER FOR CRANKCASE	1	PC	36,5 kg		
	300	5279970345	SEAL STRIP	1	PC	184,8 g	1357X5	
	350	700429018005	O-RING	10	PC	1,9 g	18 X 4	MMN429
	400	5509901540	WASHER	37	PC	4,8 g		
	450	000000000897	HEX SCREW	37	PC	29,8 g	M 10 X 40	ISO4017
	550	735084050000	PLUG	1	PC	103,9 g	50	MTN5084
	600	700429042000	O-RING	1	PC	6,2 g	42 X 5	MMN429
	650	5249950059	STRAP	1	PC	75 g		
	750	000000003020	HEX SCREW	1	PC	20 g	M 10 X 20	ISO4017
	850	007349010002	WASHER	1	PC	11 g	10,5	DIN7349
	900	000000003706	HEX SCREW	1	PC	18,3 g	M 10 X 16	ISO4017
	1000	700429055001	O-RING	1	PC	8 g	55 X 5	MMN429

GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.

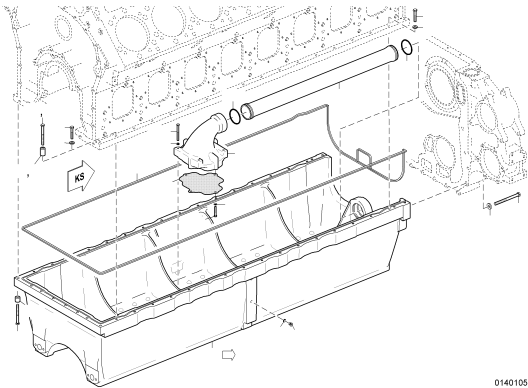


05

SEAL ELEM.

010.00140

01400017b

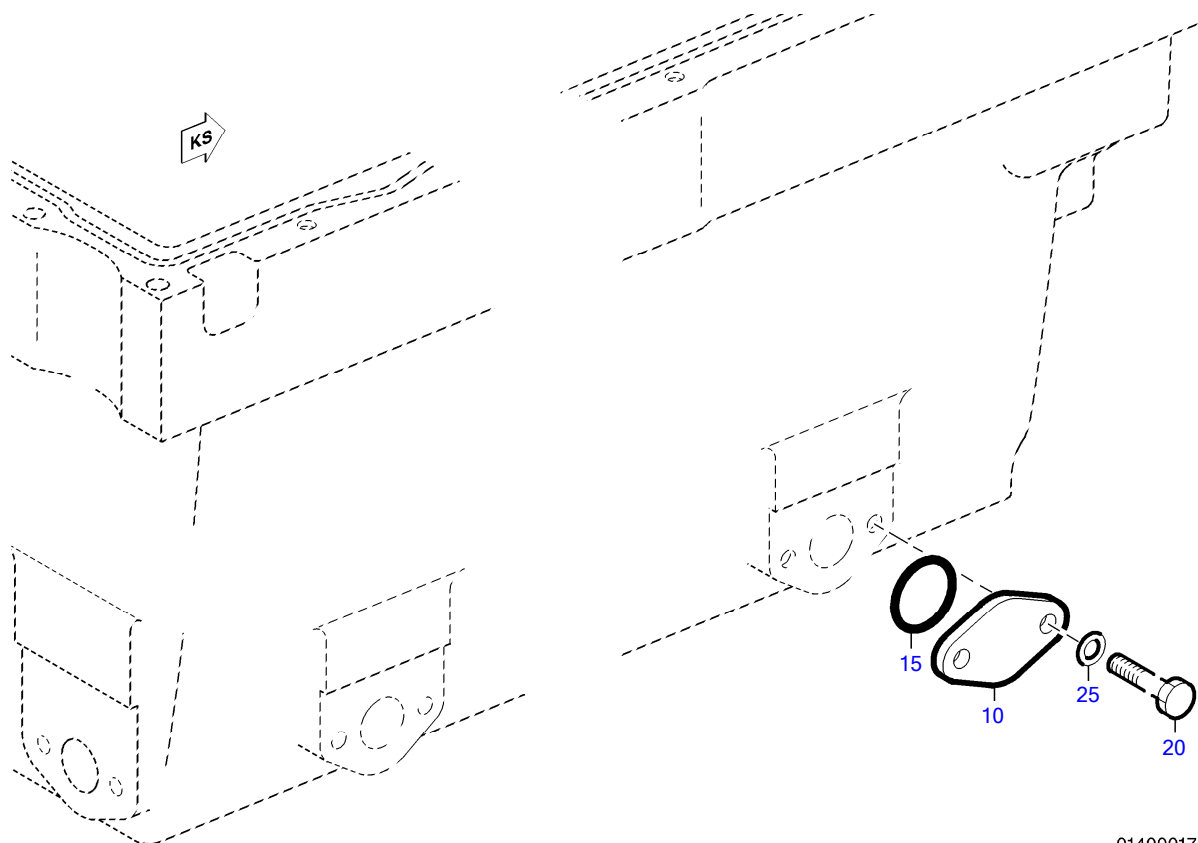


05

OIL PAN

XS595010.00060

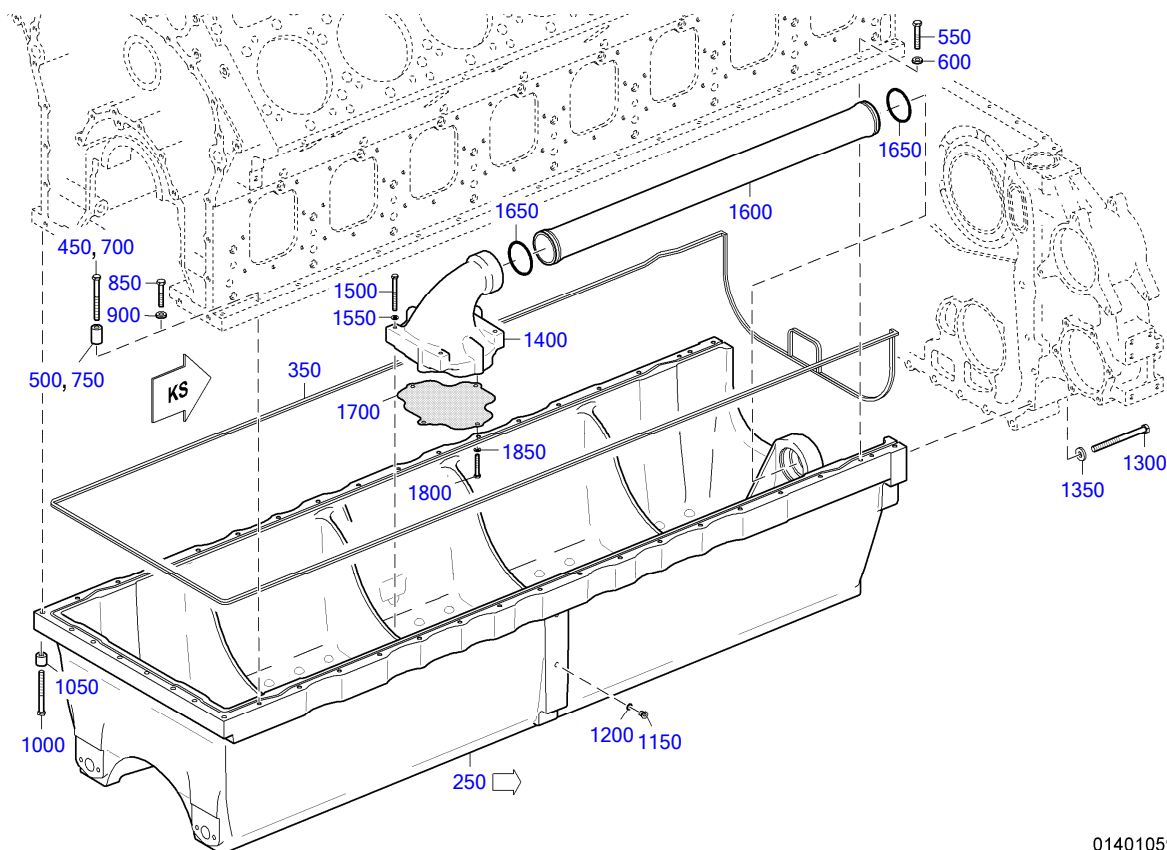
01401059



01400017b

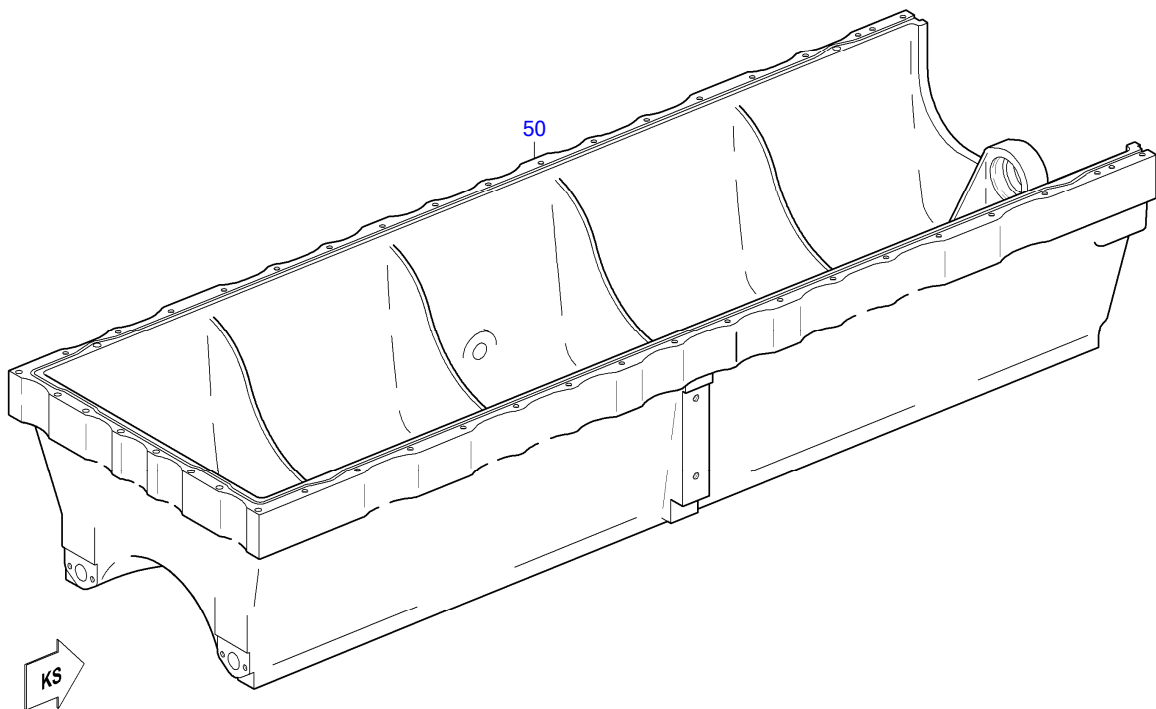
	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	5500140745	FLANGE	1	PC	55,4 g		
	15	700429035000	O-RING	1	PC	3,4 g	35,5 X 4	MMN429
	20	000000003021	HEX SCREW	2	PC	22,8 g	M 10 X 25	ISO4017
	25	000125010524	WASHER	2	PC	3,1 g	A 10,5	DIN125

OIL PAN



01401059

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
20	250	X59501400006	OIL PAN	1	PC	144 kg		
	350	5279870435	SEAL OIL PAN 4569LG	1	PC	0,51 kg		
	450	700209010208	STRESS BOLT	22	PC	50 g	B M 10 X 90	MMN209
	500	5240140253	SPACER SLEEVE	22	PC	105 g	11MM X 24MM L=37	
	550	000931010105	HEX SCREW	10	PC	43,9 g	M 10 X 60	DIN931
	600	735151010100	SPACER	10	PC	11 g	A 10,5	MTN5151
	700	700209010208	STRESS BOLT	4	PC	50 g	B M 10 X 90	MMN209
	750	5240140253	SPACER SLEEVE	4	PC	105 g	11MM X 24MM L=37	
	850	000931010105	HEX SCREW	4	PC	43,9 g	M 10 X 60	DIN931
	900	735151010100	SPACER	4	PC	11 g	A 10,5	MTN5151
	1000	700209010208	STRESS BOLT	8	PC	50 g	B M 10 X 90	MMN209
	1050	5240140153	SPACER SLEEVE	8	PC	60 g	11MM X 24MM L=22	
	1150	000908012003	THREAD PLUG	2	PC	11,9 g	M 12 X 1,5	DIN908
	1200	007603012111	COPPER SEALING RING	2	PC	0,7 g	A 12 X 15,5	DIN7603
	1300	000931012176	HEX SCREW	10	PC	138,5 g	M 12 X 150	DIN931
	1350	007349013002	WASHER	10	PC	24,5 g	13	DIN7349
	1400	X00020248	ELBOW SUMP OIL PICKU P ASM	1	PC	3,326 kg		
	1500	000931008189	HEX SCREW	4	PC	35,6 g	M 8 X 85	DIN931
	1550	007349008002	WASHER	4	PC	7,9 g	8,4	DIN7349
	1600	5242000754	TUBE PLUG-IN-PIPE	4000	1	PC	3,92 kg	
	1650	700429070000	O-RING	2	PC	0,01 kg	70 X 5	MMN429
	1700	X00020254	STRAINER	1	PC	375 g		
	1800	304017008087	HEX SCREW	4	PC	21,3 g	M 8 X 50	ISO4017
	1850	000125008427	WASHER	4	PC	1,5 g	A 8,4	DIN125



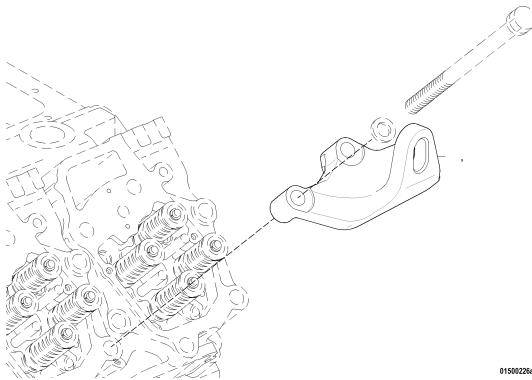
01401197

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
	50	X59501400007	OIL PAN	1	PC	144 kg

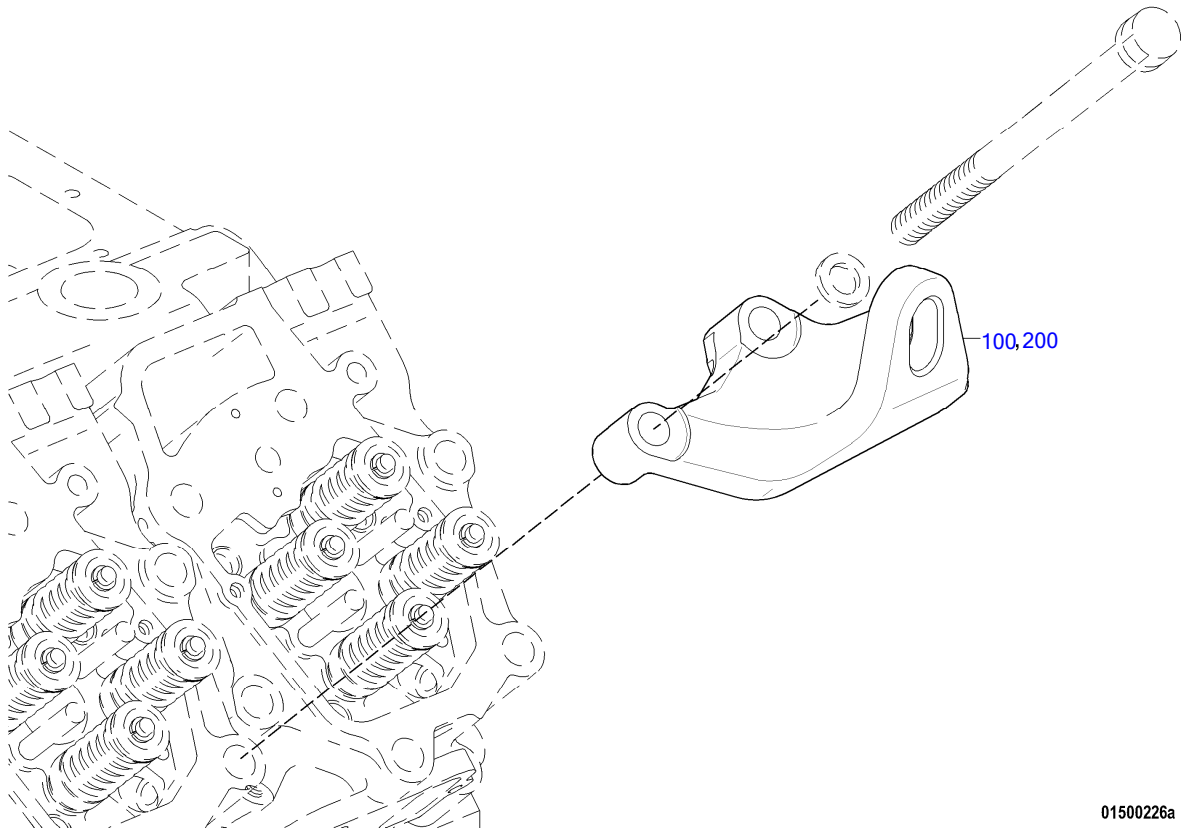
GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.



05
ENGINE MOUNTING REINFORCED
XS596010.00036

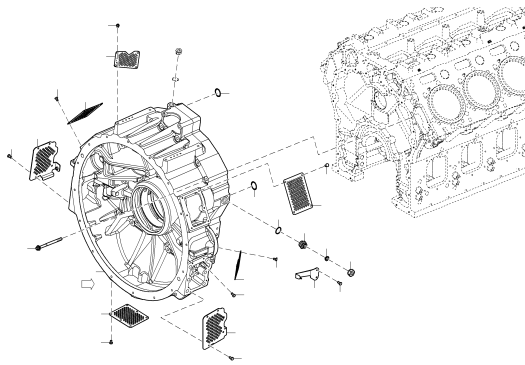


	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
	100	X52801500002	LIFTING EYE	2	PC	9,5 kg
	200	X52801500002	LIFTING EYE	2	PC	9,5 kg

GROUP SEGMENT (FGS)

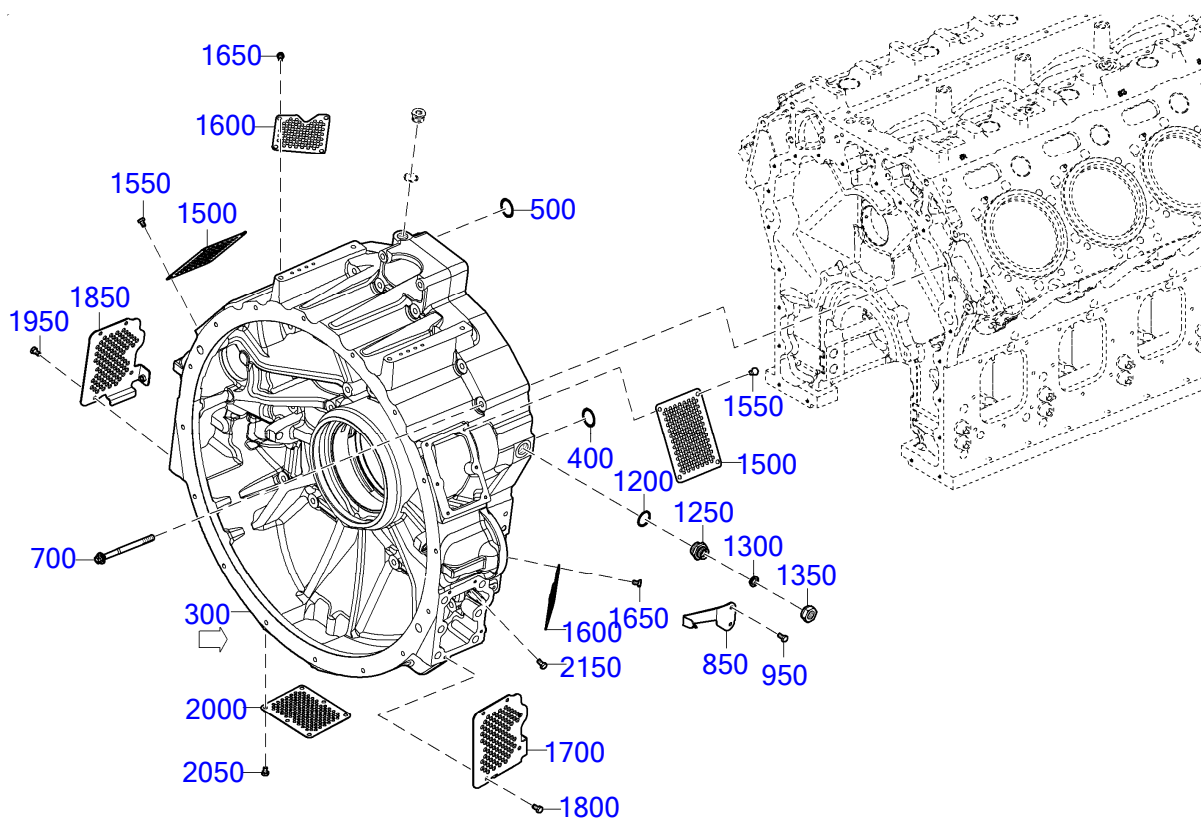
GROUP NAME

BOM-No.



30
FLYWHEEL HOUSING DRY
XS547010.00126

01601050



01601050

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
25	300	X52901600022	FLYWHEEL HOUSING LONG	1	PC	295,5 kg		
	400	700429033001	O-RING	2	PC	5,1 g	33 X 5	MMN429
	500	700429020003	O-RING	2	PC	2,1 g	20 X 4	MMN429
	700	X54799101043	TORX SCREW	33	PC	131,8 g	M12X147-12.9	
	850	X54701600018	DEAD-CENTER INDICATR ON FLYWHEEL HSNG	1	PC	151 g		
	950	304017008077	HEX SCREW	2	PC	10,5 g	M 8 X 16	ISO4017
	1200	007603030101	COPPER SEALING RING	2	PC	4,3 g	A 30 X 36	DIN7603
	1250	915007020001	CONNECTOR 20/16	2	PC	85 g	20 / 16	N15007
	1300	915005016000	CONE SEALING 18	2	PC	11,5 g	18	MBN15005
	1350	915001016004	NUT 16 M26X1.5 BL.GE OELT	2	PC	40,9 g	16 M 26 X 1,5	N15001
	1500	X00021753	GUARD PLATE	2	PC	181,9 g		
	1550	304017008076	HEX SCREW	8	PC	9,1 g	M 8 X 12	ISO4017
	1600	X54701600053	COVER PLATE F.FLYWHEEL HOUSING	2	PC	0,087 kg		
	1650	X59699100243	SCREW SAVETIX	8	PC	10 g	M 8 X 16 X 10	
	1700	X54701600054	COVER PLATE F.FLYWHEEL HOUSING	1	PC	0,614 kg		
	1800	X59699100236	SCREW SAVETIX	4	PC	0,014 kg	M 8 X 25 X 10	
	1850	X54701600055	COVER PLATE F.FLYWHEEL HOUSING	1	PC	0,614 kg		
	1950	X59699100236	SCREW SAVETIX	4	PC	0,014 kg	M 8 X 25 X 10	
	2000	X54701600041	COVER PLATE F.FLYWHEEL HOUSING	1	PC	0,164 kg		
	2050	304017008076	HEX SCREW	6	PC	9,1 g	M 8 X 12	ISO4017
	2150	304017008077	HEX SCREW	1	PC	10,5 g	M 8 X 16	ISO4017

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000C65
FLYWHEEL HOUSING LONG

SERIAL NUMBER: 5482000021

FG/FGS:

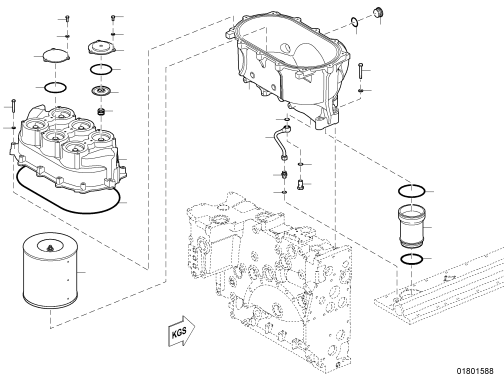
BOM-No.: X52901600022

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	50	X52901600021	FLYWHEEL HOUSING LONG	1	PC	283,5 kg		
	100	X59303100024	THRUST WASHER	1	PC	8,817 kg		
	150	200433010500	WASHER	16	PC	1,9 g	10,5	DIN433
	200	000000002969	HEX SCREW	16	PC	39,6 g	M 10 X 60	ISO4017
	250	5240332730	CRANKSHAFT BEARING DRIVING END (KS)	1	PC	2,22 kg		
	350	000908026005	THREAD PLUG	1	PC	0,069 kg	M 26 X 1,5	DIN908
	400	007603026104	COPPER SEALING RING	1	PC	3,1 g	A 26 X 31	DIN7603

GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.



00

CRANKCASE BREATHER FOR 16V
XS548010.00046

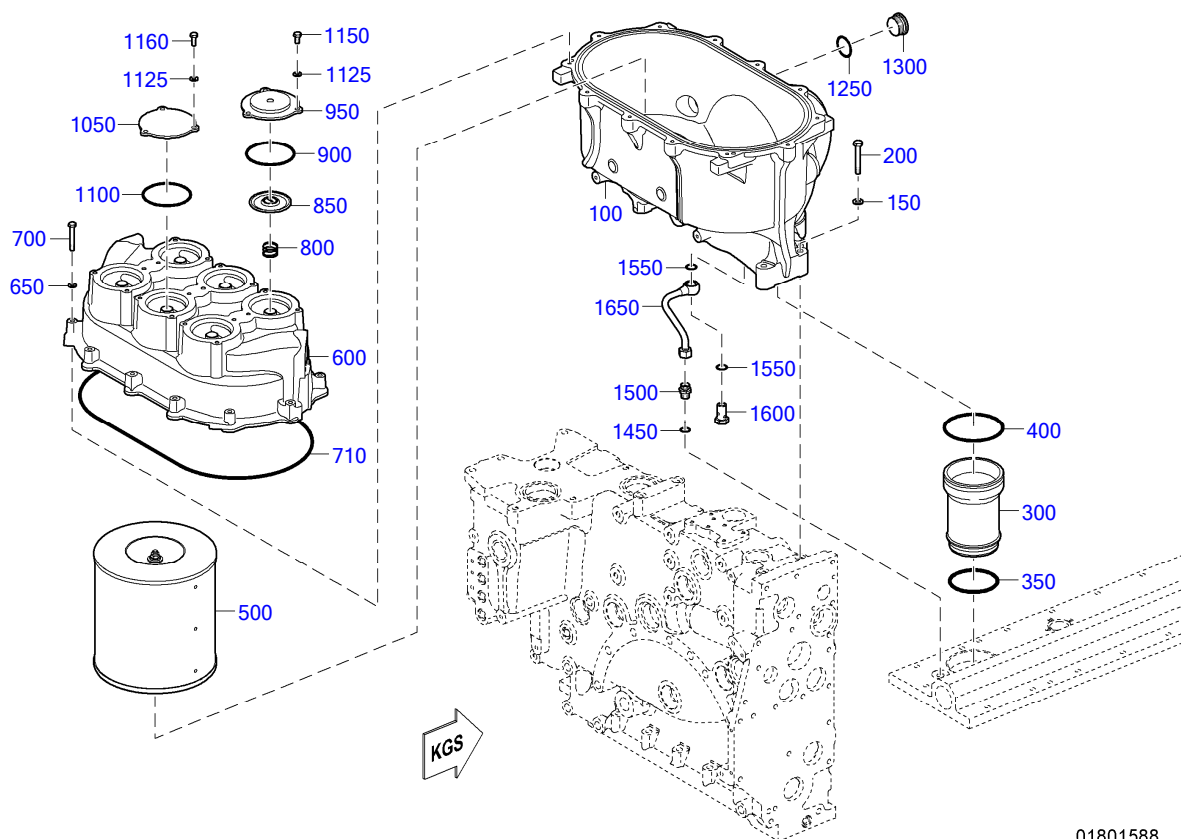
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000C65
CRANKCASE BREATHER FOR 16V

SERIAL NUMBER: 5482000021

FG/FGS: 018 00

BOM-No.: XS548010.00046



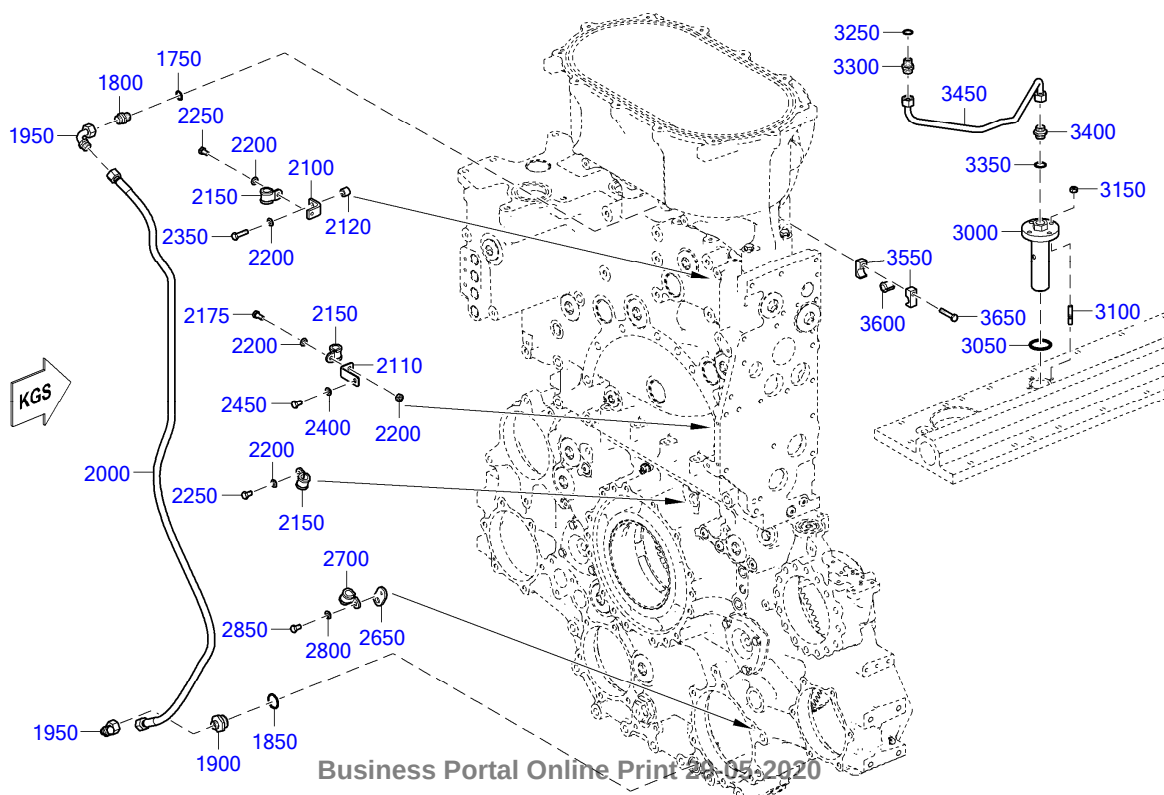
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000C65
CRANKCASE BREATHER FOR 16V

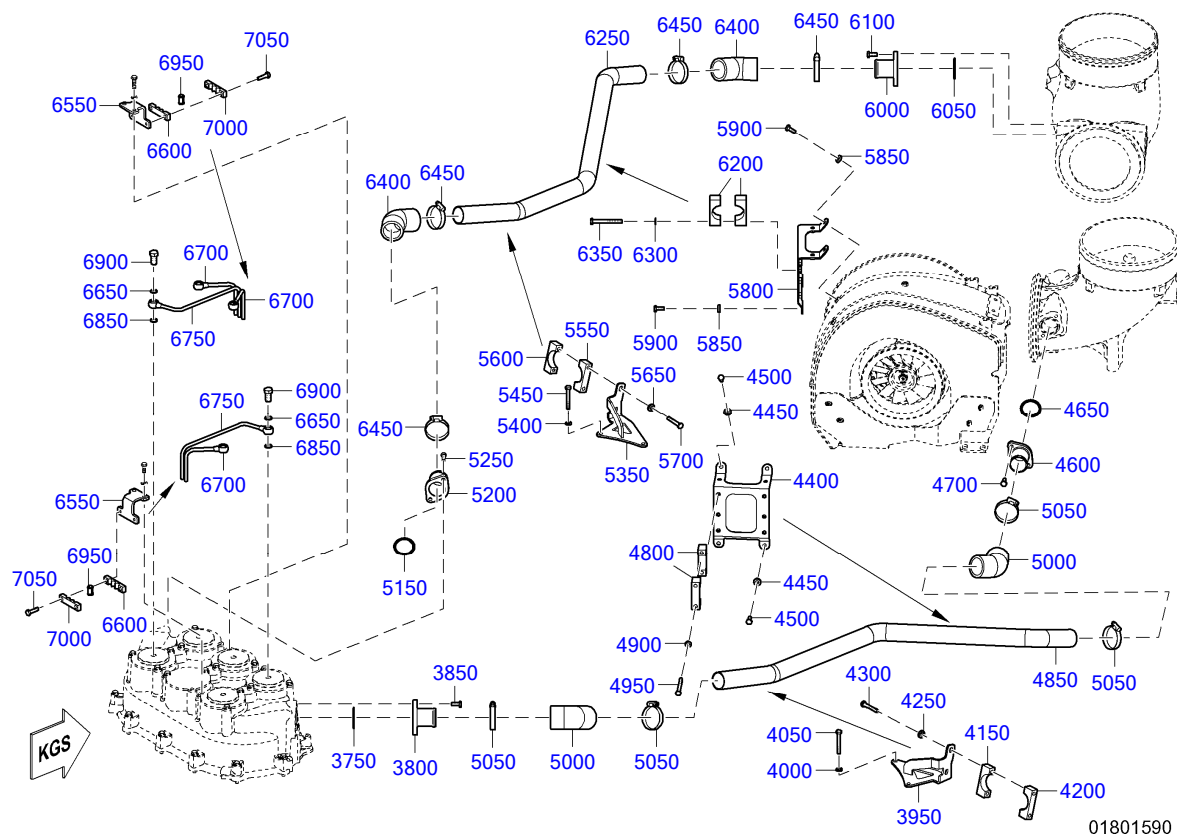
SERIAL NUMBER: 5482000021

FG/FGS: 018 00

BOM-No.: XS548010.00046



Business Portal Online Print 20.05.2020



01801590

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
100	X54701800142	VENT HOUSING F/CRANKCASE VENTILA	1	PC	70,8 kg	EM		
150	000125010524	WASHER	4	PC	3,1 g	A 10,5		DIN125
200	000000004745	HEX SCREW	4	PC	41,8 g	M 10 X 65		ISO4017
300	X54799100823	PLUG-IN PIPE F/CRANKCASE VENTILA	1	PC	1,858 kg			
350	700429085002	O-RING	1	PC	17,5 g	85 X 6		MMN429
400	700429110000	O-RING	1	PC	21,7 g	110 X 6		MMN429
500	X54701800287	OIL SEPARATOR F/CRANKCASE VENTILA	2	PC	3,28 kg	EM		
510	207040010000	HEX NUT	2	PC	0,01 kg	M10		ISO7040
520	009021010102	WASHER	2	PC	11,4 g	A 10,5		DIN9021
530	X54799101415	THREADED ROD	2	PC	0,15 kg			
600	X54701800222	DIAPHRAGM HOUSING F/CRANKCASE VENTILA	1	PC	11,5 kg			
650	000125008427	WASHER	12	PC	1,5 g	A 8,4		DIN125
700	304017008088	HEX SCREW	12	PC	22,6 g	M 8 X 55		ISO4017
710	700429460001	O-RING	1	PC	39 g	460 X 4		MMN429
800	X54799100782	PRESSURE SPRING	5	PC	0,002 kg			
850	X54701800163	DIAPHRAGM F/CRANKCASE VENTILA	5	PC	11,5 g			
900	700429090004	O-RING	6	PC	3 g	90 X 2,5		MMN429
950	X54701800201	DIAPHRAGM COVER FOR COALESCENCE MOD	5	PC	0,246 kg			
1050	X54701800139	COVER	1	PC	235,5 g			
1100	700429014000	O-RING	1	PC	0,8 g	14 X 3		MMN429
1125	000125008427	WASHER	18	PC	1,5 g	A 8,4		DIN125
1150	304017008079	HEX SCREW	14	PC	11,7 g	M 8 X 20		ISO4017
1160	304017008081	HEX SCREW	4	PC	13,4 g	M 8 X 25		ISO4017
1250	007603038101	COPPER SEALING RING	2	PC	5,4 g	A 38 X 44		DIN7603
1300	000908038000	THREAD PLUG	1	PC	0,15 kg	M 38 X 1,5		DIN908

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
28	1305	X54799101292	PLUG SCREW	1	PC	0,237 kg			
	1450	007603016105	COPPER SEALING RING	1	PC	3 g		A 16 X 20	DIN7603
	1500	735070010000	UNION	1	PC	32,2 g		12	MTN5070
	1550	007603018101	COPPER SEALING RING	2	PC	1,3 g		A 18 X 22	DIN7603
	1600	700223010000	BOLT BANJO A12	1	PC	64,8 g		A 12	MMN223
	1650	X54751500002	MEASURING LINE FOR COALESCENCE MOD	1	PC	140,1 g			
	1750	007603016105	COPPER SEALING RING	1	PC	3 g		A 16 X 20	DIN7603
	1800	735070010000	UNION	1	PC	32,2 g		12	MTN5070
	1850	007603026104	COPPER SEALING RING	1	PC	3,1 g		A 26 X 31	DIN7603
	1900	915007016000	CONNECTOR 16/10	1	PC	63 g		16 / 10	N15007
	1950	700160000010	ELBOW 90 DEG KR 10	2	PC	76,8 g		KR 10	MMN160
	2000	X54799100937/88	HOSE	1	PC	404 g		PTFE DN10-N N1500 M18X1,5 60°	
	2100	5551870640	RETAINER	1	PC	54,9 g			
	2110	5502034540	BRACKET L H:27 VENT LINE TO TANK	1	PC	36,8 g			
	2120	5500780453	SPACER SLEEVE	1	PC	13,6 g		9 X 16 X 13	
	2150	916016015200	CLAMP	3	PC	25,9 g		BRSGU 15/20	N16016
	2175	204017008009	HEX SCREW	1	PC	10,9 g		M 8 X 18	ISO4017
	2200	000125008427	WASHER	4	PC	1,5 g		A 8,4	DIN125
	2250	204017008022	HEX SCREW	2	PC	10 g		M 8 X 14	ISO4017
	2350	204017008002	HEX SCREW	1	PC	14,8 g		M 8 X 30	ISO4017
	2400	000125008427	WASHER	1	PC	1,5 g		A 8,4	DIN125
	2450	304017008077	HEX SCREW	1	PC	10,5 g		M 8 X 16	ISO4017
	2650	8802370640	RETAINER	1	PC	0,033 kg			
	2700	916016015200	CLAMP	1	PC	25,9 g		BRSGU 15/20	N16016
	2800	000125008427	WASHER	1	PC	1,5 g		A 8,4	DIN125
	2850	204017008022	HEX SCREW	1	PC	10 g		M 8 X 14	ISO4017
	3000	X54701800180	DRAIN PIPE FOR COALESCENCE MOD	1	PC	0,719 kg	EM		
	3050	700429040000	O-RING	1	PC	2 g		40 X 3	MMN429
	3100	000835008086	STUD	4	PC	13 g		M 8 X 25	DIN835
	3150	304032008014	NUT HEX 8 A3C	4	PC	4,8 g		M 8	ISO4032
	3250	007603016105	COPPER SEALING RING	1	PC	3 g		A 16 X 20	DIN7603
	3300	735070010000	UNION	1	PC	32,2 g		12	MTN5070
	3350	007603018104	WASHER A COP	1	PC	2 g		A 18 X 24	DIN7603
	3400	915006010002	UNION	1	PC	32,2 g		10	N15006
	3450	X54801800029	OIL RETURN LINE FOR COALESCENCE MOD	1	PC	193 g	EM		
	3550	700325018100	CLAMP HALF TUBE 1/1 D9-18	2	PC	40 g		1/1 D 9 - 18	MMN325
	3600	700327012000	GROMMET	1	PC	4,6 g		12	MMN327
	3650	304017008085	HEX SCREW	1	PC	18 g		M 8 X 40	ISO4017
	3750	700429043000	O-RING	1	PC	2,2 g		43 X 3	MMN429
	3800	X54799100777	FLANGED UNION	1	PC	300,9 g			
	3850	304017008079	HEX SCREW	2	PC	11,7 g		M 8 X 20	ISO4017
	3950	X54999100074	RETAINER FOR VENT LINE	1	PC	0,555 kg			
	4000	000125008427	WASHER	2	PC	1,5 g		A 8,4	DIN125
	4050	000000004164	HEX SCREW	2	PC	23,5 g		M 8 X 60	ISO4017
	4150	700325045100	CLAMP HALF TUBE 1/2 D9-45	1	PC	125 g		1/2 D 9 - 45	MMN325
	4200	700325045200	CLAMP HALF TUBE 1/2 G8-45	1	PC	192,8 g		1/2 G 8 - 45	MMN325
	4250	735151008100	SPACER	2	PC	7,4 g		A 8,4	MTN5151
	4300	000000003536	HEX SCREW	2	PC	21,2 g		M 8 X 50	ISO4017
	4400	X54701800137	RETAINER F/CRANKCASE VENTILA	1	PC	527 g			
	4450	735151008100	SPACER	4	PC	7,4 g		A 8,4	MTN5151
	4500	304017008079	HEX SCREW	4	PC	11,7 g		M 8 X 20	ISO4017
	4600	X54799100777	FLANGED UNION	1	PC	300,9 g			
	4650	700429043000	O-RING	1	PC	2,2 g		43 X 3	MMN429
	4700	304017008079	HEX SCREW	2	PC	11,7 g		M 8 X 20	ISO4017

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	4800	700325045100	CLAMP HALF TUBE 1/2 D9-45	4	PC	125 g		1/2 D 9 - 45	MMN325
	4850	X54801800026	VENT LINE F/CRANKCASE VENTILA	1	PC	2,195 kg	EM		
	4900	000125008427	WASHER	4	PC	1,5 g		A 8,4	DIN125
	4950	000000004389	HEX SCREW	4	PC	30 g		M 8 X 75	ISO4017
	5000	X54701800171/88	VENT LINE FOR CRANKCASE	2	PC	154 g	EM		
	5050	000000000672	CLAMP	4	PC	34,2 g		50- 70X12-SW7-W3	MBN10223
	5150	700429043000	O-RING	1	PC	2,2 g		43 X 3	MMN429
	5200	X54799100777	FLANGED UNION	1	PC	300,9 g			
	5250	304017008079	HEX SCREW	2	PC	11,7 g		M 8 X 20	ISO4017
	5350	X54801800036	RETAINER F.CRANKC.VENT.RIGHT	1	PC	0,628 kg			
	5400	000125008427	WASHER	2	PC	1,5 g		A 8,4	DIN125
	5450	000000004164	HEX SCREW	2	PC	23,5 g		M 8 X 60	ISO4017
	5550	700325045100	CLAMP HALF TUBE 1/2 D9-45	1	PC	125 g		1/2 D 9 - 45	MMN325
	5600	700325045200	CLAMP HALF TUBE 1/2 G8-45	1	PC	192,8 g		1/2 G 8 - 45	MMN325
	5650	735151008100	SPACER	2	PC	7,4 g		A 8,4	MTN5151
	5700	000000003536	HEX SCREW	2	PC	21,2 g		M 8 X 50	ISO4017
	5800	X54701800261	RETAINER F/CRANKCASE VENTILA	1	PC	1,355 kg			
	5850	735151008100	SPACER	4	PC	7,4 g		A 8,4	MTN5151
	5900	304017008079	HEX SCREW	2	PC	11,7 g		M 8 X 20	ISO4017
	5920	304017008083	HEX SCREW	2	PC	15,1 g		M 8 X 30	ISO4017
	5930	X52899100090	BUSHING	2	PC	0,1 kg		D=18/9 L=7	
	6000	X54799100777	FLANGED UNION	1	PC	300,9 g			
	6050	700429043000	O-RING	1	PC	2,2 g		43 X 3	MMN429
	6100	304017008079	HEX SCREW	2	PC	11,7 g		M 8 X 20	ISO4017
	6200	700325045100	CLAMP HALF TUBE 1/2 D9-45	4	PC	125 g		1/2 D 9 - 45	MMN325
	6250	X54801800037	VENT LINE F/CRANKCASE VENTILA	1	PC	2,48 kg	EM		
	6300	000125008427	WASHER	4	PC	1,5 g		A 8,4	DIN125
	6350	000000004389	HEX SCREW	4	PC	30 g		M 8 X 75	ISO4017
	6400	X54701800171/88	VENT LINE FOR CRANKCASE	2	PC	154 g	EM		
	6450	000000000672	CLAMP	4	PC	34,2 g		50- 70X12-SW7-W3	MBN10223
	6550	X54799100919	RETAINER FOR COALESCENCE MOD	2	PC	218,1 g			
	6600	700325012110	PIPE CLAMP HALF	2	PC	57,7 g		3/2 D 9 - 12	MMN325
	6650	007603014102	COPPER SEALING RING	5	PC	1 g		A 14 X 18	DIN7603
	6700	X54701800204	VENT LINE FOR COALESCENCE MOD	3	PC	61,2 g	EM		
	6750	X54701800203	VENT LINE FOR COALESCENCE MOD	2	PC	91,5 g	EM		
	6850	007603014102	COPPER SEALING RING	5	PC	1 g		A 14 X 18	DIN7603
	6900	700223006000	BOLT BANJO A8 S2000/ 4000	5	PC	38,8 g		A 8	MMN223
	6950	700327008000	GROMMET	5	PC	1,7 g		8	MMN327
	7000	700325012110	PIPE CLAMP HALF	2	PC	57,7 g		3/2 D 9 - 12	MMN325
	7050	304017008083	HEX SCREW	4	PC	15,1 g		M 8 X 30	ISO4017

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000C65
PLUG SCREW

SERIAL NUMBER: 5482000021

FG/FGS:

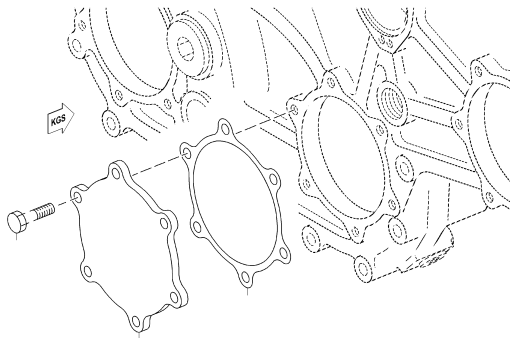
BOM-No.: X54799101292

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	50	000910038000	PLUG	1	PC	0,244 kg	M 38 X 1,5	DIN910

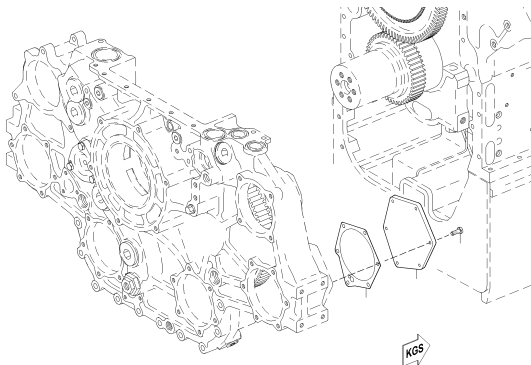
GROUP SEGMENT (FGS)

GROUP NAME

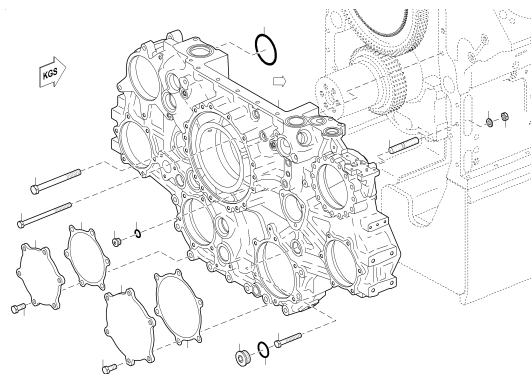
BOM-No.

05
COVER
020.00004

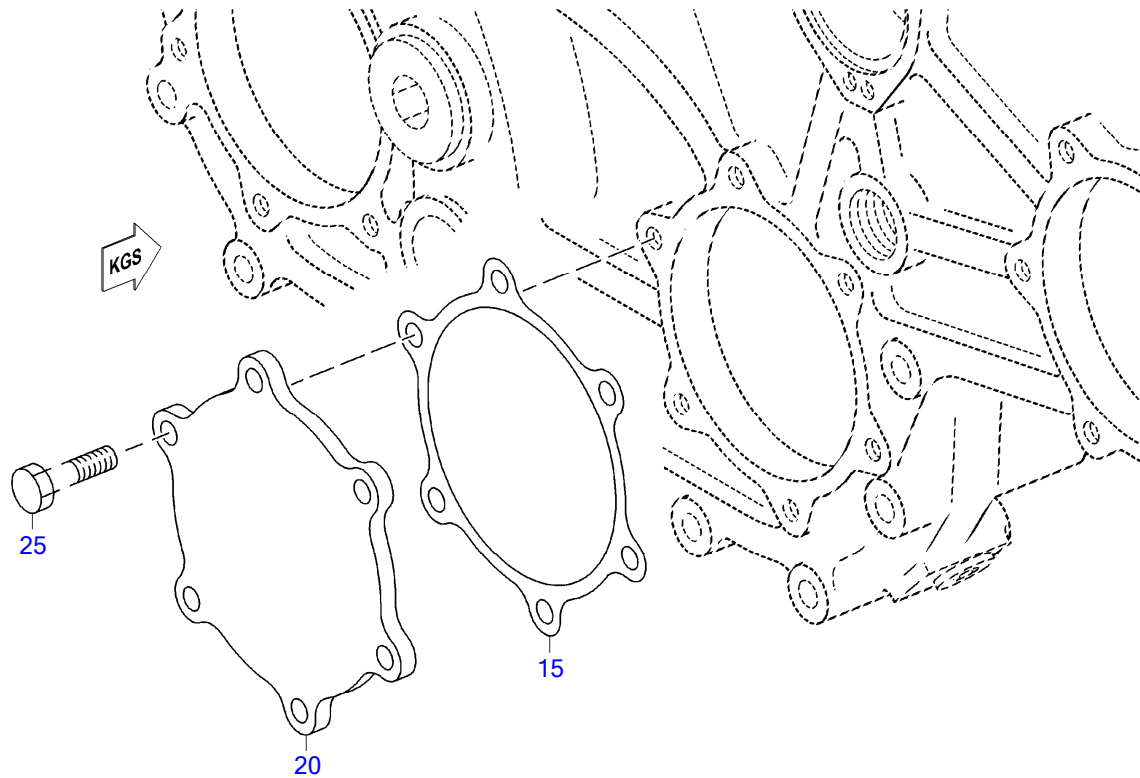
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05
COVER FOR DDC COMPRESSOR
020.00060

02400112a

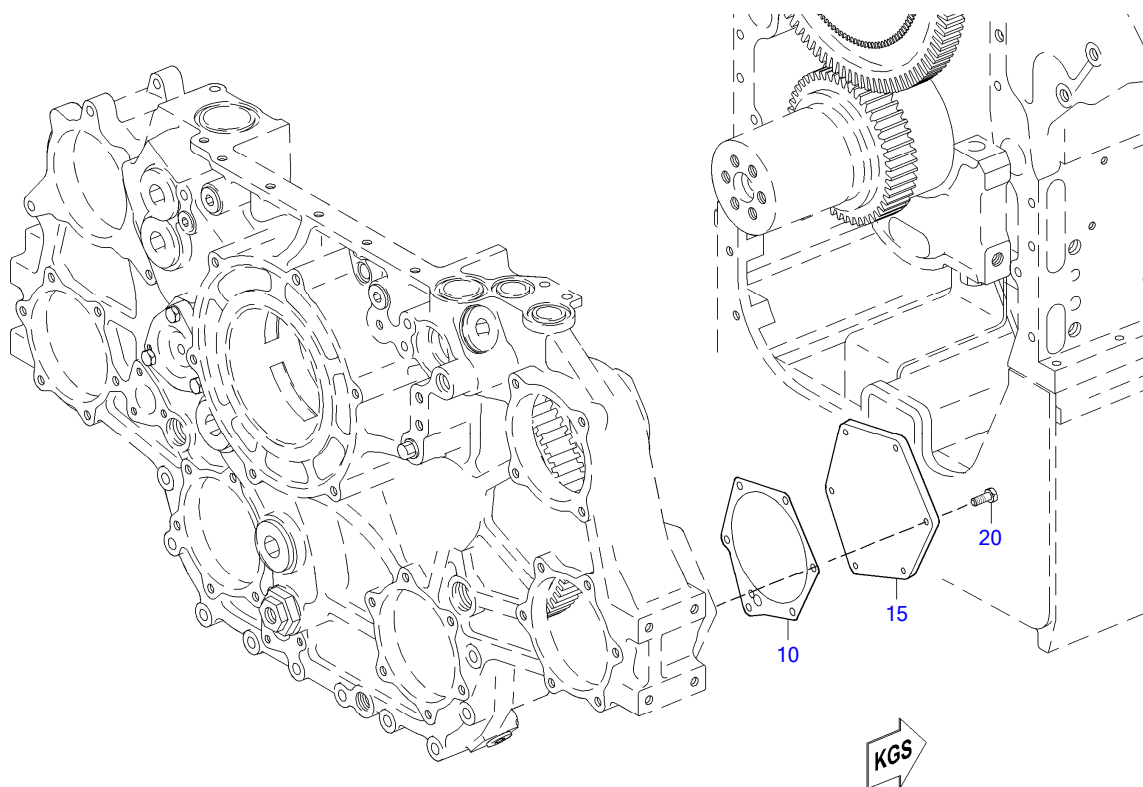
05
EQUIPMENT RACK AUX PTO END (KGS)
XS529020.00010

02400644



TD0000032277_024

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	15	5241880080	GASKET	1	PC	10,6 g	1X250X250	
	20	5241880102	COVER	1	PC	1,9 kg		
	25	000000003925	HEX SCREW	6	PC	36,9 g	M 12 X 30	ISO4017



02400112a

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	5360520080	GASKET	1	PC	6 g		
	15	5241880502	COVER	1	PC	2,6 kg		
	20	000000003021	HEX SCREW	6	PC	22,8 g	M 10 X 25	ISO4017

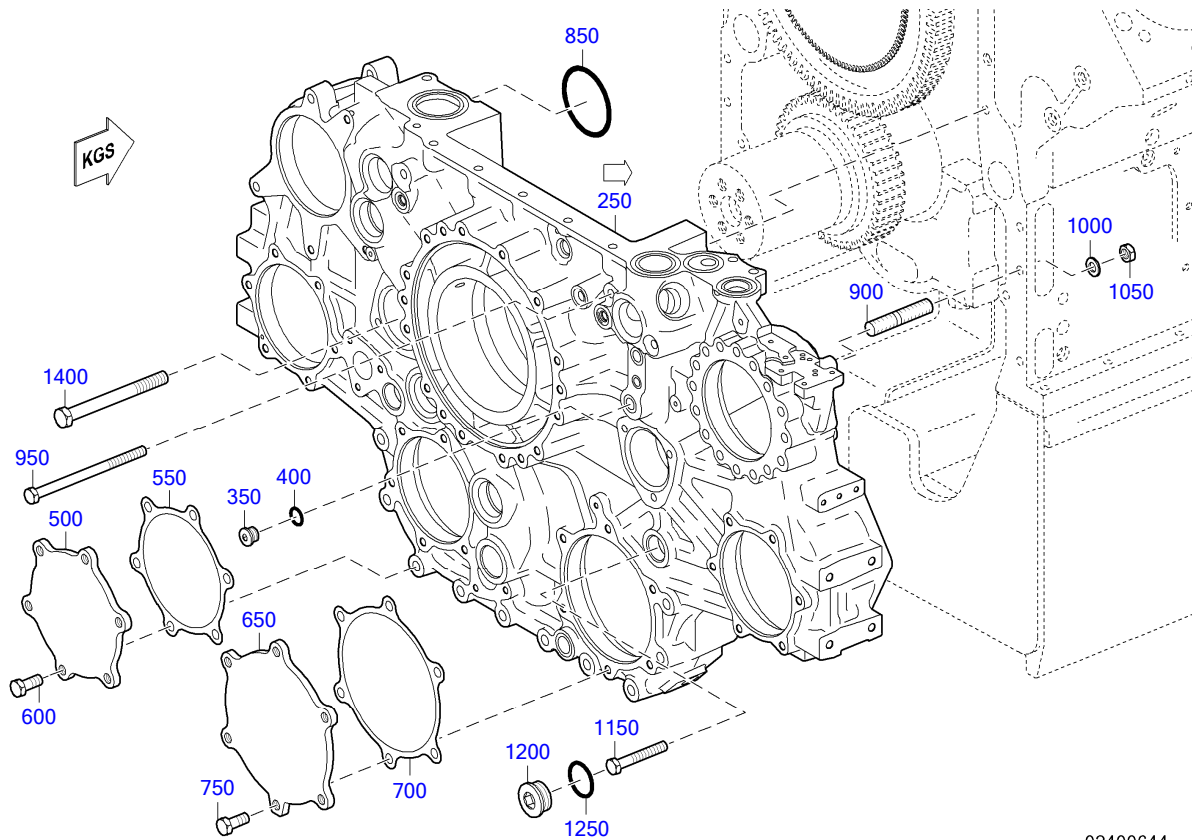
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000C65
EQUIPMENT RACK AUX PTO END (KGS)

SERIAL NUMBER: 5482000021

FG/FGS: 024 05

BOM-No.: XS529020.00010



02400644

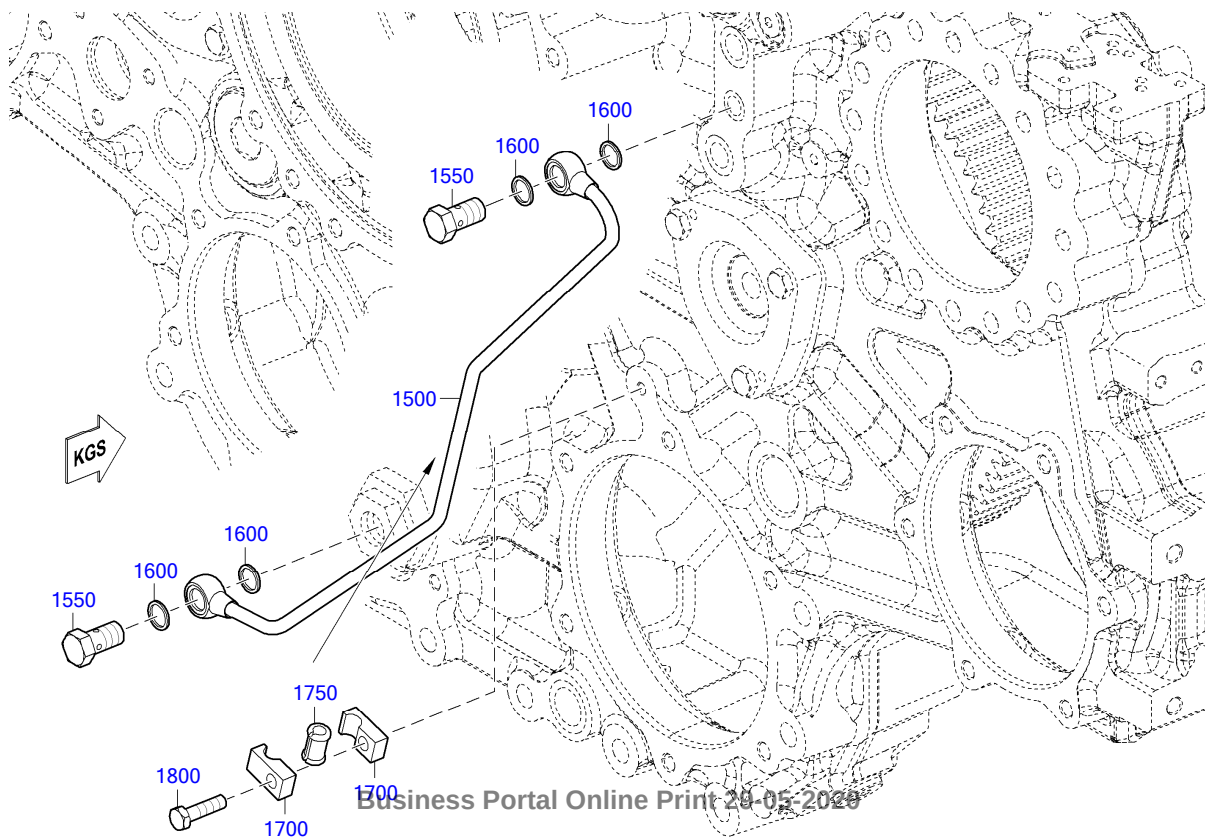
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000C65
EQUIPMENT RACK AUX PTO END (KGS)

SERIAL NUMBER: 5482000021

FG/FGS: 024 05

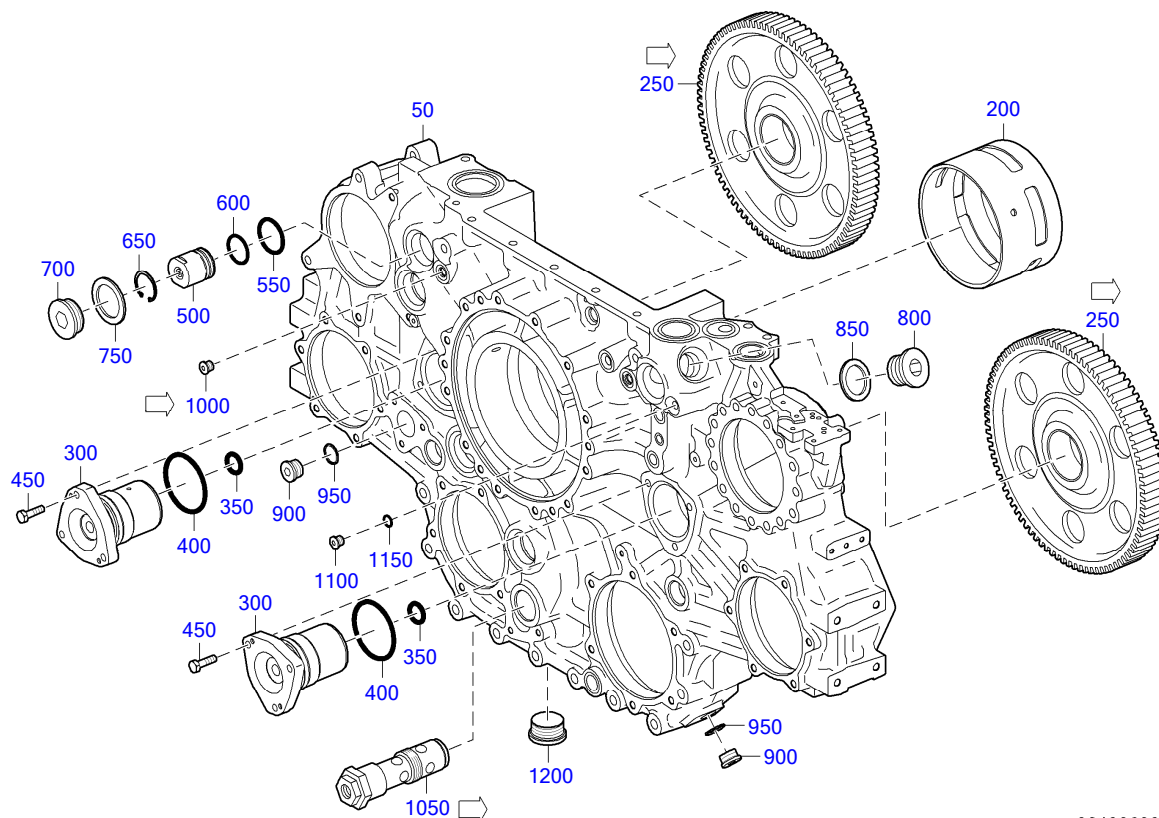
BOM-No.: XS529020.00010



Business Portal Online Print 28-05-2020

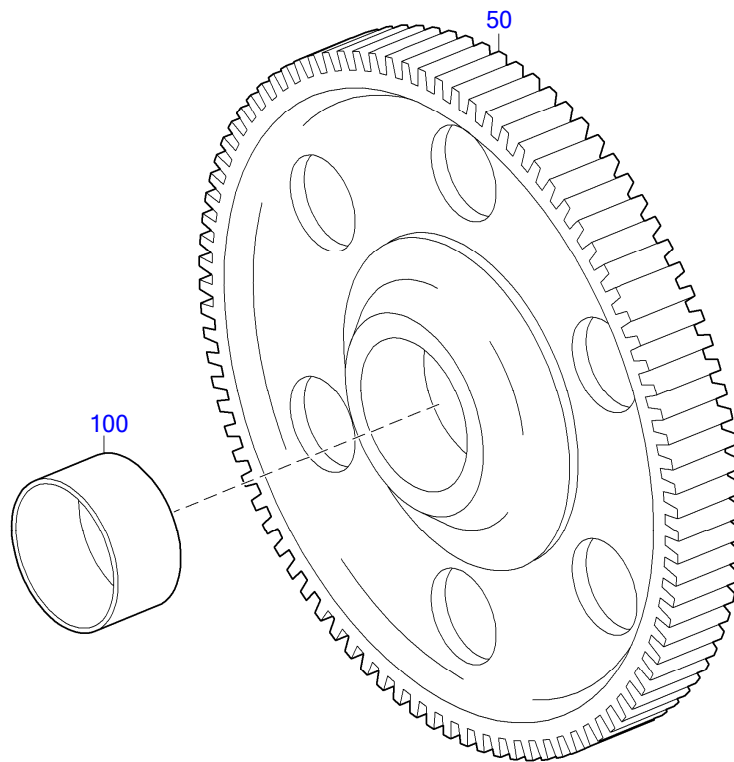
02400645

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
33	250	X52902400029	EQUIPMENT RACK		1	PC	256 kg			
	350	000908018002	PLUG		1	PC	0,029 kg		M 18 X 1,5	DIN908
	400	007603018101	COPPER SEALING RING		1	PC	1,3 g		A 18 X 22	DIN7603
	500	5241880102	COVER		1	PC	1,9 kg			
	550	5241880080	GASKET		1	PC	10,6 g		1X250X250	
	600	000000003925	HEX SCREW		6	PC	36,9 g		M 12 X 30	ISO4017
	650	5281880102	COVER	20V4000	1	PC	2,7 kg			
	700	5281880080	GASKET		1	PC	11,1 g			
	750	000000003925	HEX SCREW		6	PC	36,9 g		M 12 X 30	ISO4017
	850	700429083000	O-RING		2	PC	11,7 g		83 X 5	MMN429
	900	200939012003	STUD		6	PC	32,3 g		M 12 X 30	DIN939
	950	204014012008	HEX SCREW		2	PC	155 g		M 12 X170	ISO4014
	1000	200433013000	WASHER		6	PC	2,5 g		13	DIN433
	1050	204032012000	NUT HEX ZNPH R5F		6	PC	14,9 g		M 12	ISO4032
	1150	000000000904	HEX SCREW		2	PC	75 g		M 12 X 80	ISO4017
	1200	000908038000	THREAD PLUG		2	PC	0,15 kg		M 38 X 1,5	DIN908
	1250	007603038101	COPPER SEALING RING		2	PC	5,4 g		A 38 X 44	DIN7603
	1400	204017016000	HEX SCREW		2	PC	246,2 g		M 16 X160	ISO4017
	1500	5281800519	TUBE ASM OIL LINE	20V4000	1	PC	200 g	SB		
	1550	700223006000	BOLT BANJO A8 S2000/ 4000		2	PC	38,8 g		A 8	MMN223
	1600	007603014102	COPPER SEALING RING		4	PC	1 g		A 14 X 18	DIN7603
	1700	700325012100	CLAMP HALF TUBE 1/1 D9-12		2	PC	25 g		1/1 D 9 - 12	MMN325
	1750	700327008000	GROMMET		1	PC	1,7 g		8	MMN327
	1800	304017008083	HEX SCREW		1	PC	15,1 g		M 8 X 30	ISO4017



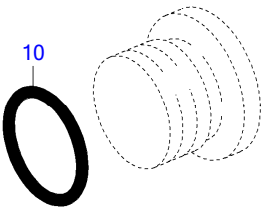
02400638

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	50	X52902400028	EQUIPMENT RACK (MACHINED)	1	PC	208 kg			
	200	5240332630	CRANKSHAFT BEARING AUX PTO END	1	PC	2,5 kg			
34	250	X54702500009	IDLER GEAR	2	PC	14,132 kg	EM		
	300	X59302400005	AXLE	2	PC	4,694 kg			
	350	700429024000	O-RING	2	PC	3,9 g		24 X 5	MMN429
	400	700429083000	O-RING	2	PC	11,7 g		83 X 5	MMN429
	450	304017010035	HEX SCREW	6	PC	32,1 g		M 10 X 45	ISO4017
	500	5241800015	PRESSURE VALVE ASSY.	2	PC	390 g		2.5 BAR	
	550	700429048000	O-RING	2	PC	4,4 g		48 X 4	MMN429
	600	700429040000	O-RING	2	PC	2 g		40 X 3	MMN429
	650	000472048000	RING SNAP	2	PC	6,5 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	12,5 g		A 52 X 60	DIN7603
	800	000908038000	THREAD PLUG	2	PC	0,15 kg		M 38 X 1,5	DIN908
	850	007603038101	COPPER SEALING RING	2	PC	5,4 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	3,1 g		A 26 X 31	DIN7603
35	1000	735210014000	THREAD PLUG	3	PC	0,019 kg		M 14 X 1,5	MTN5210
36	1050	0001800015	PRESSURE REDUCING VALVE ASSY.	1	PC	1,4 kg			
	1100	000908014001	SCREW PLUG	1	PC	0,016 kg		M 14 X 1,5	DIN908
	1150	007603014102	COPPER SEALING RING	1	PC	1 g		A 14 X 18	DIN7603
	1200	735210048000	THREAD PLUG	1	PC	339,1 g		M 48 X 2	MTN5210



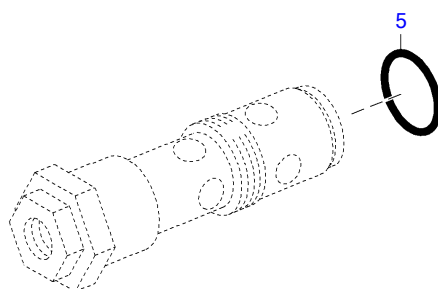
02400639

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN
	50	X54702500010	IDLER GEAR	1	PC	13,867 kg	EM
	100	X59305200002	BUSHING	1	PC	304,2 g	



TD0000022038_181

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	735221011000	O-RING	1	PC	0,3 g	11,3 X 2,2 - M14X1,5	MTN5221



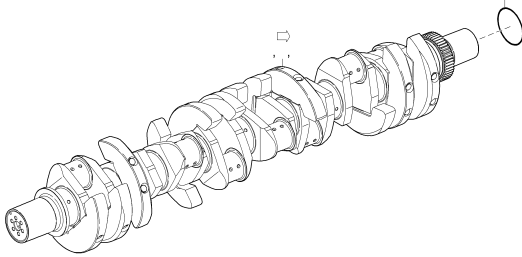
TD0000032212_024

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	5	700429037000	O-RING	1	PC	2,8 g	37,7 X 3,53	MMN429

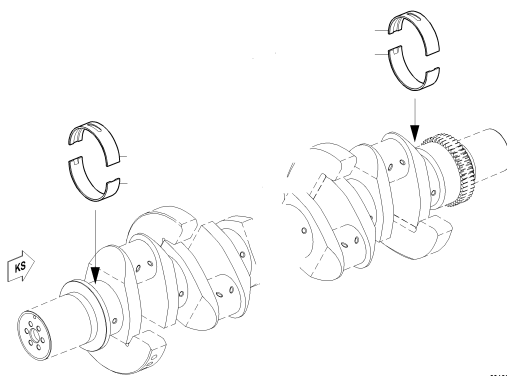
GROUP SEGMENT (FGS)

GROUP NAME

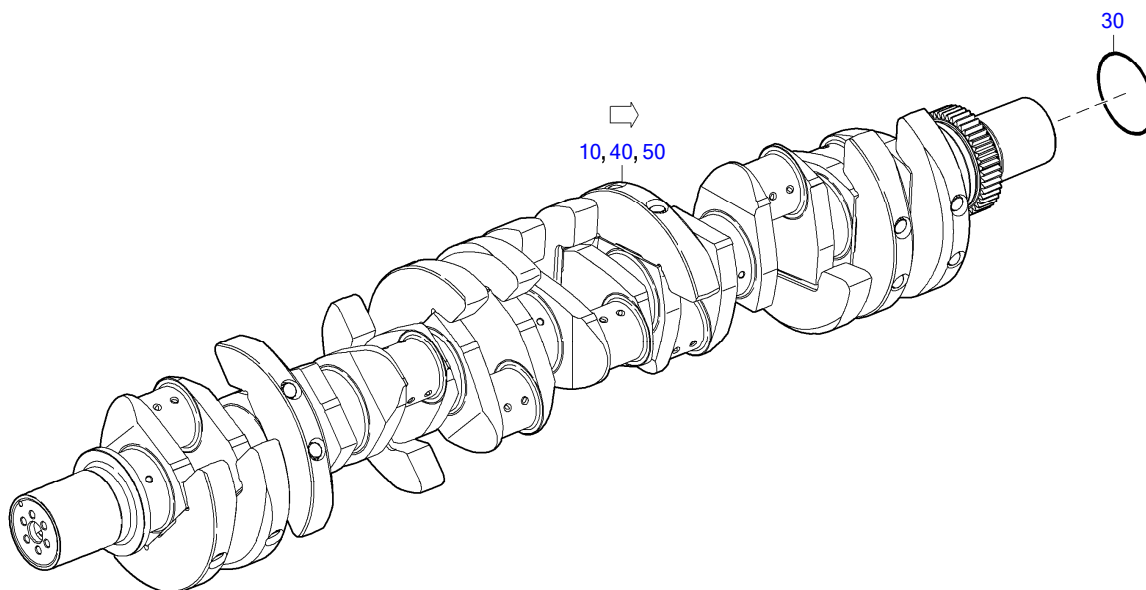
BOM-No.

05
CRANKSHAFT
XS548030.00037

03101298

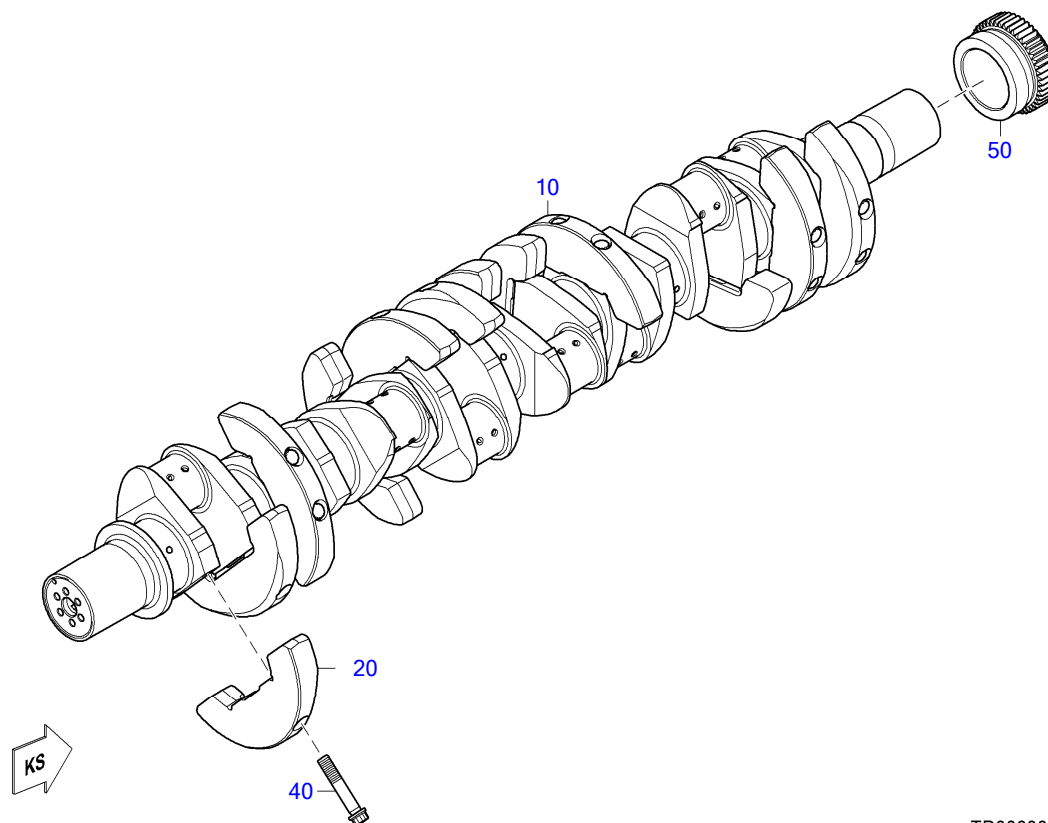
10
MAIN BEARING
X00011303

03100380a



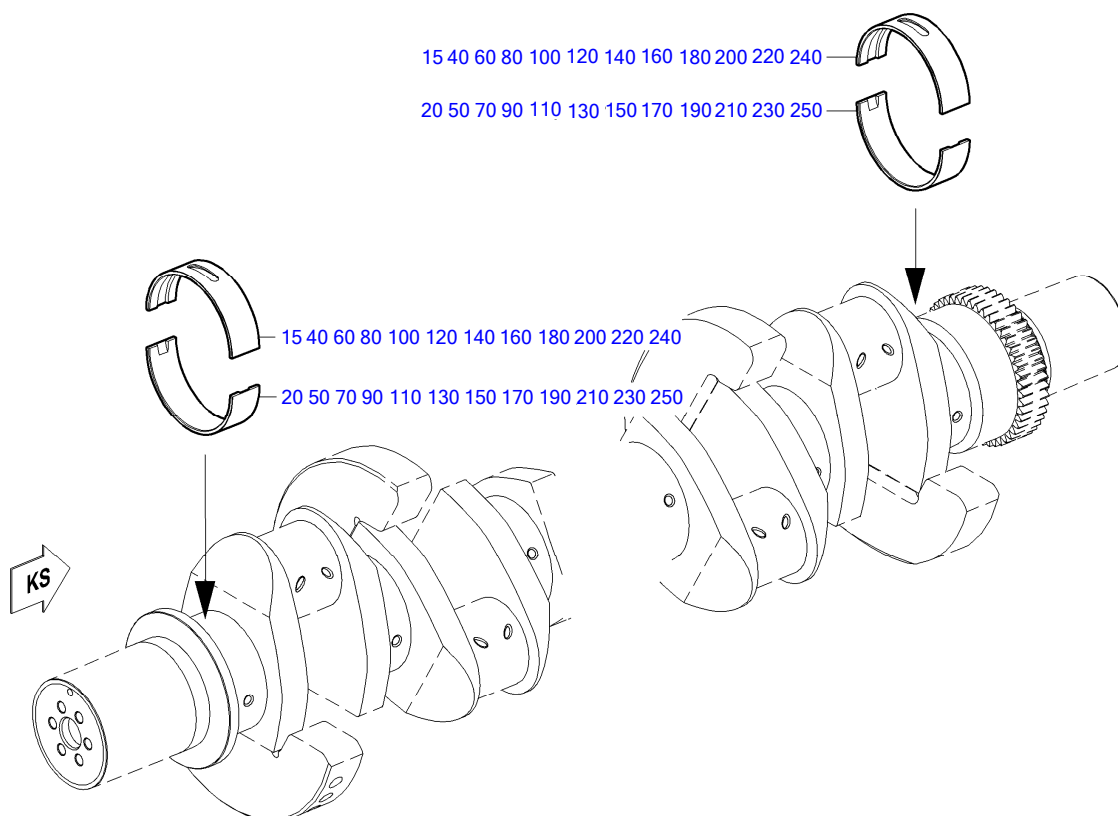
03101298

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
39	10	X54803100019	CRANKSHAFT	16V-12CWT-STROKE210	1	PC	619,2 kg	EM		
	30	700429150000	O-RING		1	PC	12,9 g		150 X 4	MMN429
	40	EX54803100006	CRANKSHAFT	16V-12CWT-STROKE210	1	PC	617,3 kg	MN EM		
	50	RX54803100006	CRANKSHAFT	16V-12CWT-STROKE210	1	PC	619,3 kg	EM		



TD0000023854_031

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN
	10	X54803100018	CRANKSHAFT	16-12CWT-STROKE210	1	PC	538 kg	EM
	20	X54903100018	COUNTERWEIGHT	SERIES 4000	12	PC	15 kg	
	40	5240310171	BOLT 12 PT HD		24	PC	548,6 g	
	50	X54903100012	CRANKSHAFT GEAR	SERIES 4000	1	PC	18,33 kg	EM



03100390a

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN
	15	X00016024	CRANKSHAFT BEARING SIZE 0-0	OBERE HAEFTE	9	PC	0,392 kg	
	20	5240336602	CRANKSHAFT BEARING LOWER HALF		9	PC	510 g	
	40	X52403100003	CRANKSHAFT BEARING SIZE 0-1	OBERE HAEFTE	1	PC	390 g	M
	50	5240336702	CRANKSHAFT BEARING SIZE 0-1		1	PC	600 g	M
	60	X52403100004	CRANKSHAFT BEARING SIZE 0-2	OBERE HAEFTE	1	PC	0,97 kg	M
	70	5240336802	CRANKSHAFT BEARING SIZE 0-2		1	PC	565 g	M
	80	X52403100005	CRANKSHAFT BEARING SIZE 0-3	OBERE HAEFTE	1	PC	0,388 kg	M
	90	5240336902	CRANKSHAFT BEARING SIZE 0-3		1	PC	585 g	M
	100	X52403100006	CRANKSHAFT BEARING SIZE 1-0	OBERE HAEFTE	1	PC	0,388 kg	M
	110	5240337002	CRANKSHAFT BEARING SIZE 1-0		1	PC	529,7 g	M
	120	X52403100007	CRANKSHAFT BEARING SIZE 1-1	OBERE HAEFTE	1	PC	428,3 g	M
	130	5240337102	CRANKSHAFT BEARING SIZE 1-1		1	PC	565 g	M
	140	X52403100008	CRANKSHAFT BEARING SIZE 1-2	OBERE HAEFTE	1	PC	0,457 kg	M
	150	5240337202	CRANKSHAFT BEARING SIZE 1-2		1	PC	1 kg	M
	160	X52403100009	CRANKSHAFT BEARING SIZE 1-3	OBERE HAEFTE	1	PC	0,388 kg	M
	170	5240337302	CRANKSHAFT BEARING SIZE 1-3		1	PC	600 g	M
	180	X52403100010	CRANKSHAFT BEARING SIZE 2-0	OBERE HAEFTE	1	PC	0,388 kg	M
	190	5240337402	CRANKSHAFT BEARING SIZE 2-0		1	PC	560 g	M
	200	X52403100011	CRANKSHAFT BEARING SIZE 2-1	OBERE HAEFTE	1	PC	458,5 g	M
	210	5240337502	CRANKSHAFT BEARING SIZE 2-1		1	PC	580 g	M
	220	X52403100012	CRANKSHAFT BEARING SIZE 2-2	OBERE HAEFTE	1	PC	0,388 kg	M
	230	5240337602	CRANKSHAFT BEARING SIZE 2-2		1	PC	675 g	M
	240	X52403100013	CRANKSHAFT BEARING SIZE 2-3	OBERE HAEFTE	1	PC	0,388 kg	M
	250	5240337702	CRANKSHAFT BEARING SIZE 2-3		1	PC	685 g	M

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000C65
CRANKSHAFT, PTO ON DRIVING END

SERIAL NUMBER: 5482000021
FG/FGS: 032

GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.

10

FLYWHEEL W/INSULATION

XS547030.00234

EQUI TYPE: Engine

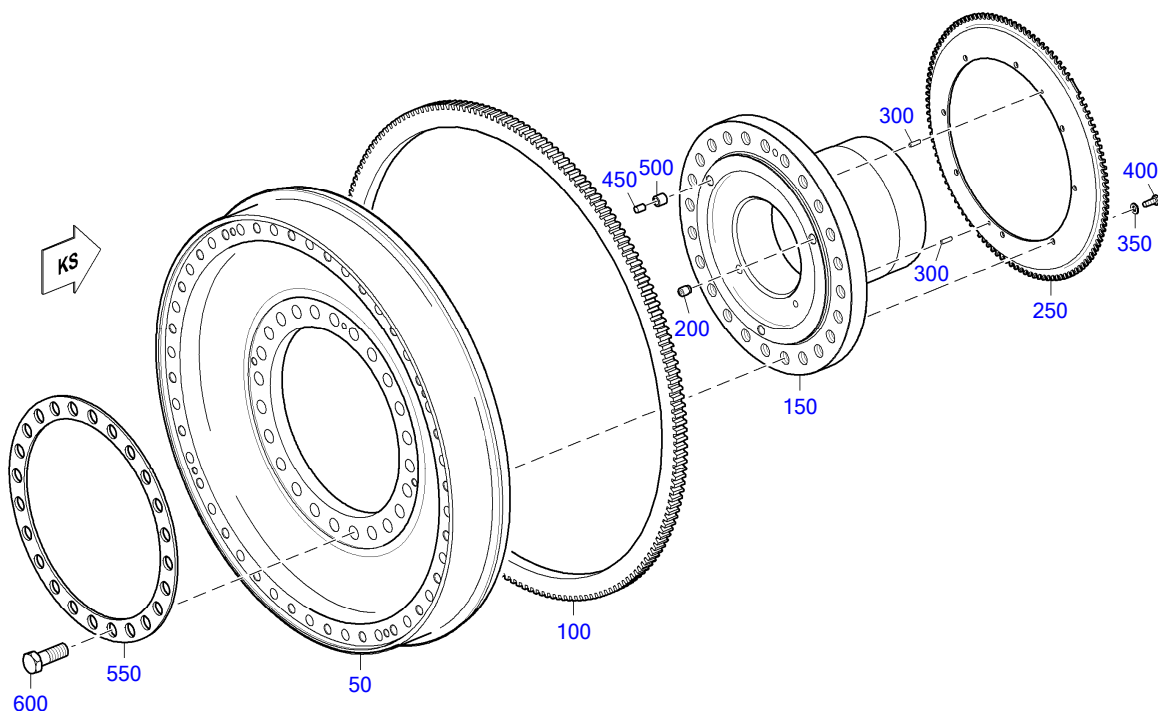
PRODUCT TYPE: 16V4000C65
FLYWHEEL W/INSULATION

SERIAL NUMBER: 5482000021

FG/FGS: 032 10

BOM-No.: XS547030.00234

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT
	30	0219976647	SEAL RING CRANKSHAFT REAR	PTEF-MANSCHETTE	1	PC	160 g	DM 210
43	50	X52603200054	FLYWHEEL W/INSULATION		1	PC	152 kg	



03200356

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	50	X52603200052	FLYWHEEL	1	PC	83,838 kg			
	100	5240320705	RING GEAR	1	PC	12 kg			
	150	X52603200049	PTO FLANGE W/INSULATION	1	PC	50 kg			
	200	5769970219	PLUG HEX SOC HD G1/4 17.5 X 11 42CRM04	1	PC	12 g			
	250	5240311148	WHEEL MDEC TRS METERING CRANKSHAFT	1	PC	2,22 kg	EM		
	300	001481006004	PIN SPRING	2	PC	2,4 g	6 X 20 - N		ISO8752
	350	000125008427	WASHER	8	PC	1,5 g	A 8,4		DIN125
	400	304017008079	HEX SCREW	8	PC	11,7 g	M 8 X 20		ISO4017
	450	000007010214	DOWEL PIN	1	PC	20,2 g	10 H8 X 30		DIN7
	500	X52603200018	BUSHING	1	PC	2,5 g			
	550	X52603200050	WASHER W/INSULATION	1	PC	1,4 kg			
	600	X52603200051	SCREW W/INSULATION	24	PC	186,9 g			

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000C65
CRANKSHAFT PTO FREE END

SERIAL NUMBER: 5482000021
FG/FGS: 035

GROUP SEGMENT (FGS)

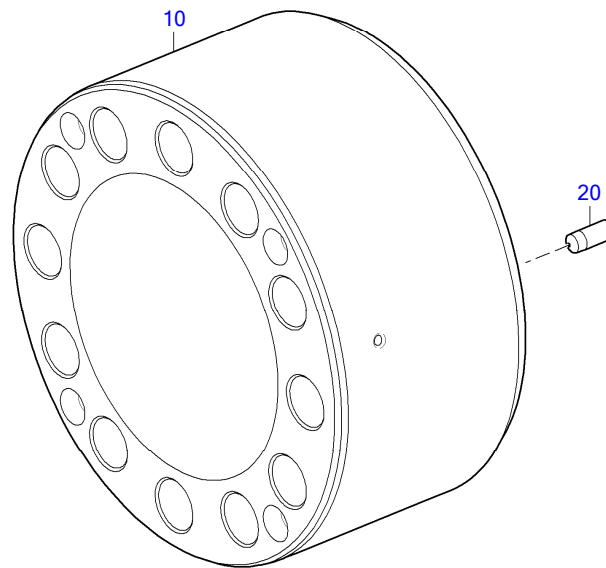
GROUP NAME

BOM-No.

05

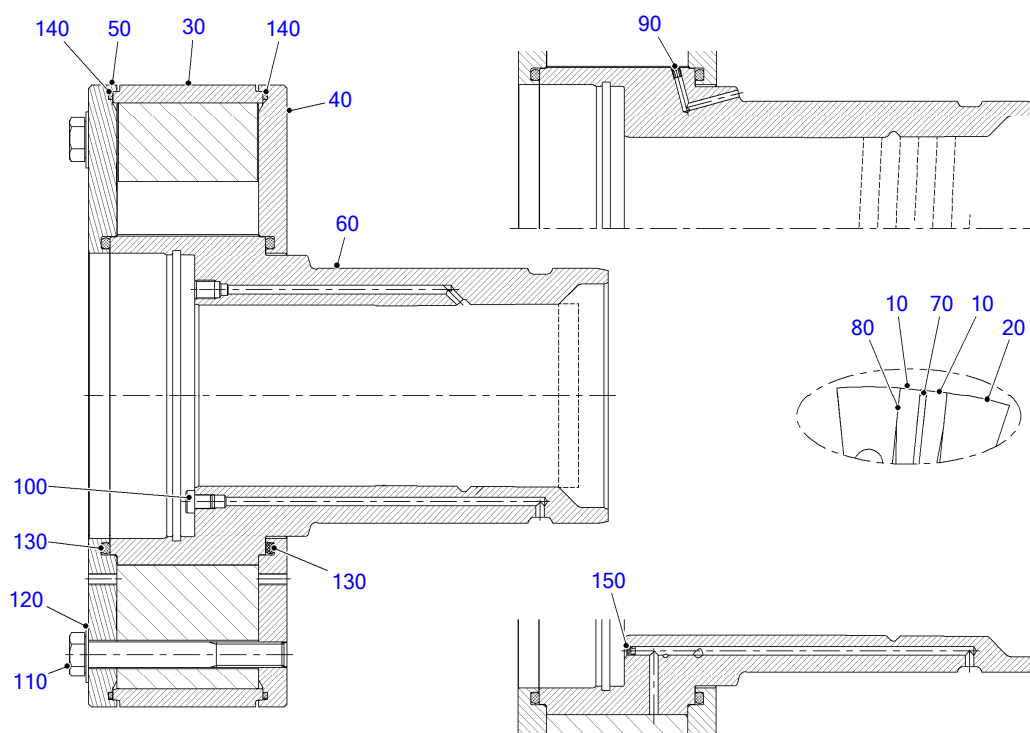
VIBRATION DAMPER WITH AUX. PTO
XS547030.00157

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	30	X54799101152	FLANGE F.VIB.DAMPER HOUSIN		1	PC	46,3 kg			
	40	700429290000	O-RING		1	PC	25,2 g	290 X 4		MMN429
	50	000931012180	HEX SCREW		17	PC	105,4 g	M 12 X110		DIN931
	70	X54799101116	TORX SCREW		16	PC	58 g	M12		
	90	007603018101	COPPER SEALING RING		1	PC	1,3 g	A 18 X 22		DIN7603
	100	000908018003	PLUG		1	PC	0,029 kg	M 18 X 1,5		DIN908
47	120	X54703500007	VIBRATION DAMPER		1	PC	154 kg			
	130	EX54703500007	VIBRATION DAMPER		1	PC	154 kg	MN		
	140	5769970219	PLUG HEX SOC HD G1/4 17.5 X 11 42CRM04		1	PC	12 g			
	160	X52703500001	DAMPER VIBRATION HSG G73		1	PC	38,222 kg			
	170	700429480000	O-RING		1	PC	64,6 g	480 X 5		MMN429
	180	304017008085	HEX SCREW		12	PC	18 g	M 8 X 40		ISO4017
	200	0219976547	SEAL RING CRANKSHAFT FRONT AUX PTO PTFE-MANSCHETTE		1	PC	225 g	DM200		
46	220	X52799100002	FLANGE FOR FREE END PTO		1	PC	14,72 kg			
	230	700429200002	O-RING		1	PC	17,3 g	200 X 4		MMN429
	240	700429008003	O-RING		1	PC	0,3 g	8 X 2,5		MMN429
	250	200912008000	SCREW		4	PC	53,7 g	M 8 X130		DIN912
	270	X52699100108	PLATE GUARD G73		1	PC	330 g			
	280	206796020000	CONICAL SPR. WASHER		3	PC	45 g	20		DIN6796
	300	204017020013	HEX SCREW		3	PC	396,5 g	M 20 X160		ISO4017



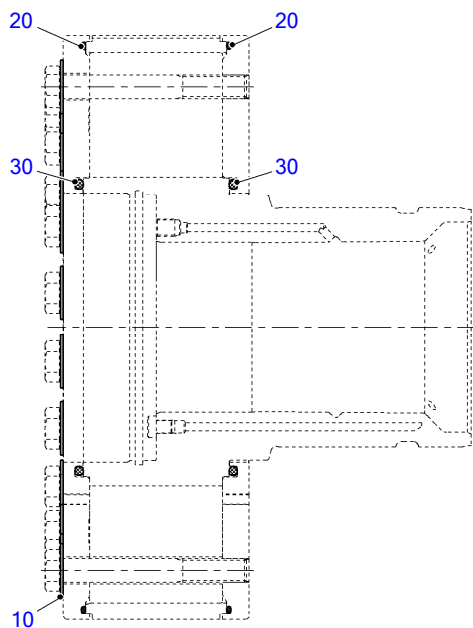
TD0000031551_035

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
	10	X52799100001	FLANGE FOR FREE END PTO	1	PC	14,85 kg
	20	5280310023	NOZZLE OIL C23	1	PC	4,6 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	0,49 g	M10X1 DICHTNIPPEL	
	110	XP52725100096	HEX SCREW		22	PC		M 18 X 140	ENISO4014
	120	Z=40X19X2	DISC WASHER (VULKAN)		22	PC	14,7 g		
	130	8699970418	SEALING RING		2	PC	53,5 g	208 X 7	
	140	700429420000	O-RING		2	PC	36,7 g	420 X 4	MMN429
	150	XP52203500025	PLUG		4	PC	0,002 kg	DICHTSTOPFEN 6	
48	160	XP59303500005	PARTS KIT	FÜR DÄMPFER	1	PC	0,506 kg	ET-KIT D 44/KIT 1	



TD0000011413_032

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	Z=40X19X2	DISC WASHER (VULKAN)	22	PC	14,7 g		
	20	X00035257	O-RING	2	PC	5 g	7 X 208	
	30	700429420000	O-RING	2	PC	36,7 g	420 X 4	MMN429

GROUP SEGMENT (FGS)

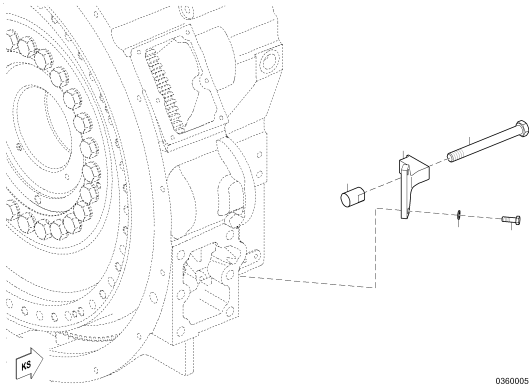
GROUP NAME

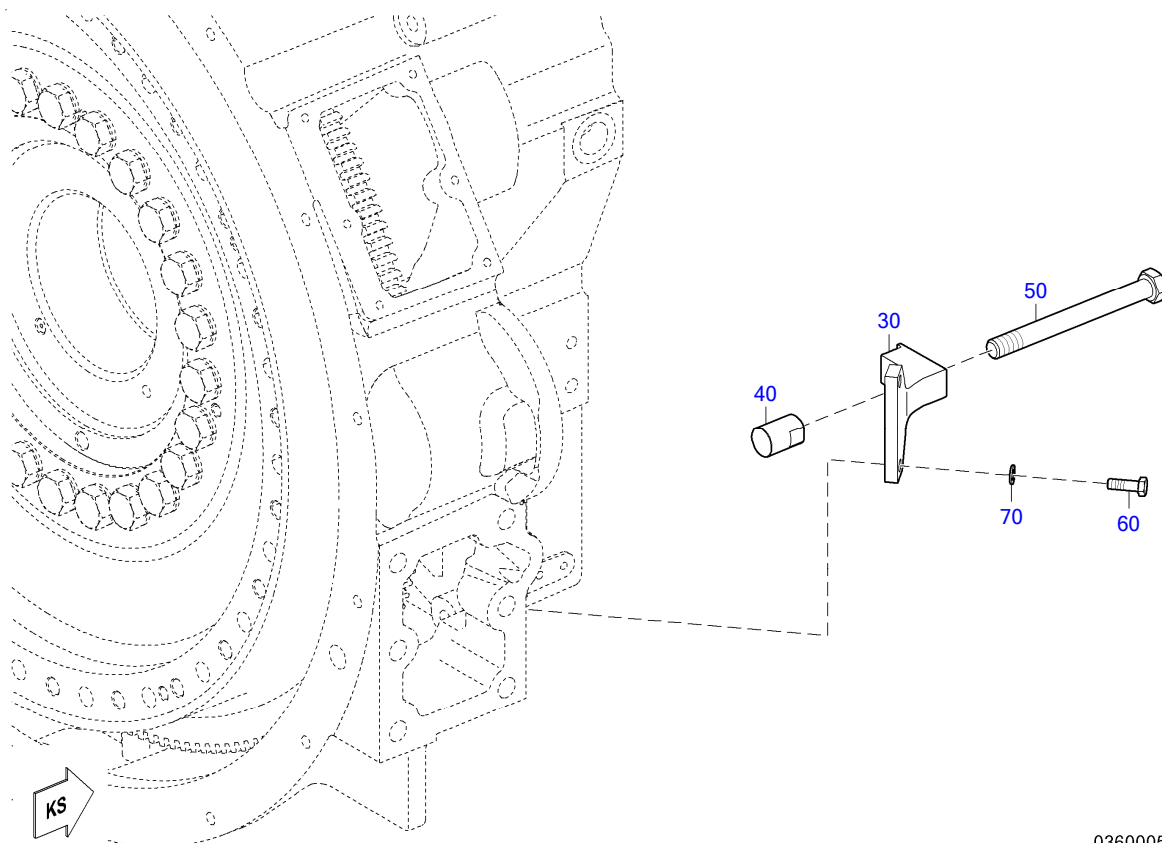
BOM-No.

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	532,4 g		
	40	X54799101023	THREADED BUSHING	2	PC	0,092 kg		
	50	204017016000	HEX SCREW	2	PC	246,2 g	M 16 X160	ISO4017
	60	304017008080	HEX SCREW	4	PC	13,3 g	M 8 X 25	ISO4017
	70	200433008402	WASHER	4	PC	1,6 g	8,4	DIN433

GROUP SEGMENT (FGS)

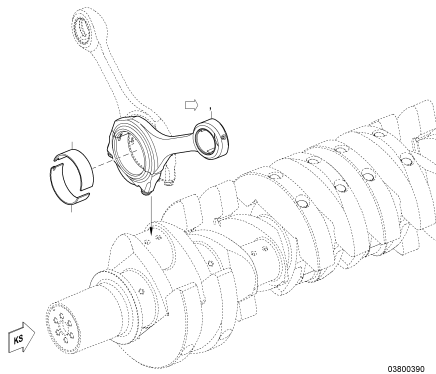
GROUP NAME

BOM-No.

00

CONROD W/BEARING

XS548030.00066



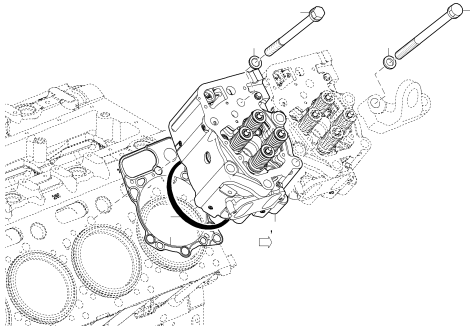
GROUP SEGMENT (FGS)

GROUP NAME

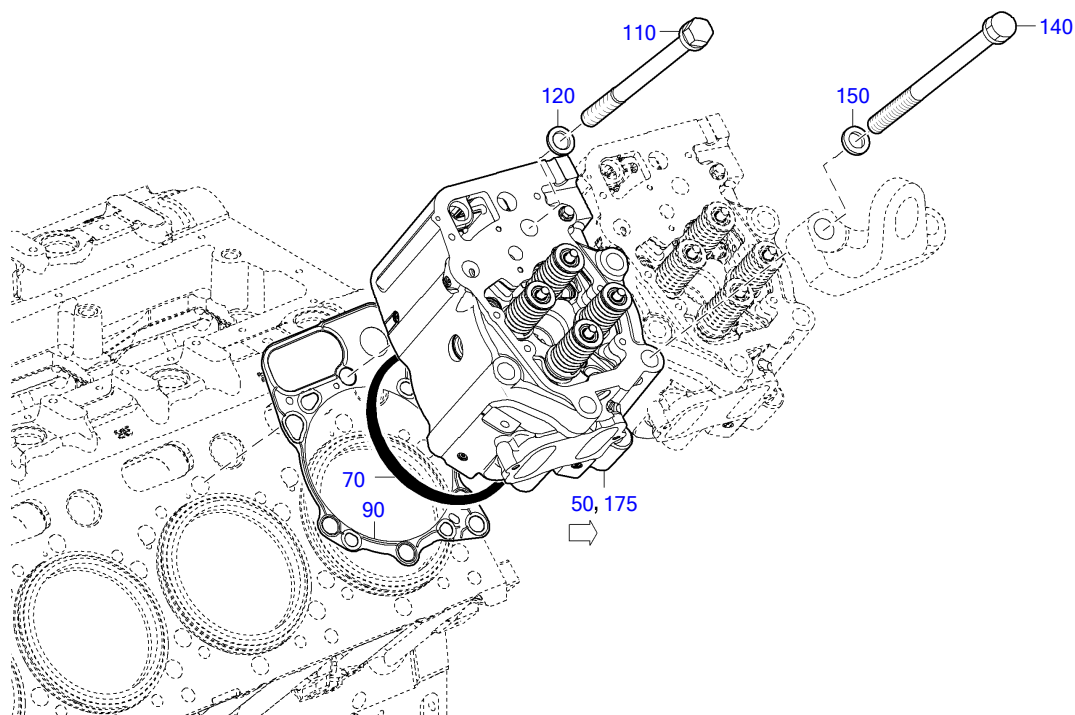
BOM-No.

05

CYLINDER HEAD FOR 16V
XS548040.00026



04101570



04101570

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
55	50	X52904100161	CYL.HEAD WITH VALVES	16	PC	50,243 kg	EM	DRALL = 1.3
	70	X52404200052	SEAL RING	16	PC	0,163 kg	EM	
	90	X52404200037	GASKET FOR CYLINDER HEAD	16	PC	0,11 kg		
	110	X54904200002	SCREW	84	PC	904,5 g		
	120	5240110062	WASHER THRUST	84	PC	20,6 g		
	140	5240160069	BOLT HEX CYL HD	12	PC	1,1 kg		M22X2X333
	150	5240110062	WASHER THRUST	12	PC	20,6 g		
	175	EX52904100161	CYL.HEAD WITH VALVES	1	PC	50,243 kg	MN EM	

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000C65

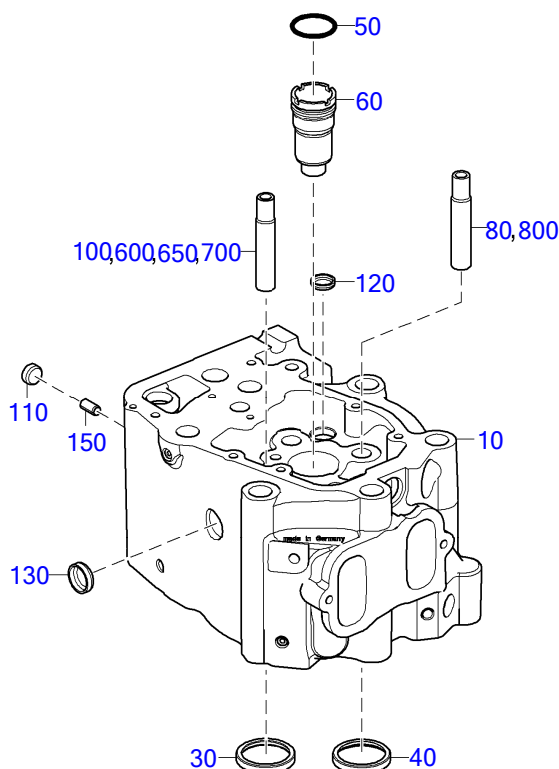
SERIAL NUMBER: 5482000021

CYL.HEAD WITH VALVES

FG/FGS:

BOM-No.: X52904100161

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
56	10	X52904100156	CYLINDER HEAD W/VALVE GUIDES		1	PC	47,25 kg	EM	DRALL = 1.3	
	20	700429010004	O-RING		2	PC	0,2 g		10,78X 1,82	MMN429
	30	X52404100226	INLET VALVE		2	PC	0,344 kg			
	40	5240530805	EXHAUST VALVE		2	PC	340,8 g	EM		
	50	X52404100108	VALVE SPRING INNER	4000	4	PC	52 g			
	60	X52404100107	VALVE SPRING OUTER	4000	4	PC	157 g			
	70	5240530125	RETAINER VALVE SPRIN G		4	PC	33,8 g			
	80	0000530926	VALVE KEEPER WEDGE		8	PC	1,6 g			
	90	0000534335	VALVE ROTATOR		4	PC	108,7 g			
	110	000910014004	PLUG		1	PC	25 g		M 14 X 1,5	DIN910
	120	007603014102	COPPER SEALING RING		1	PC	1 g		A 14 X 18	DIN7603



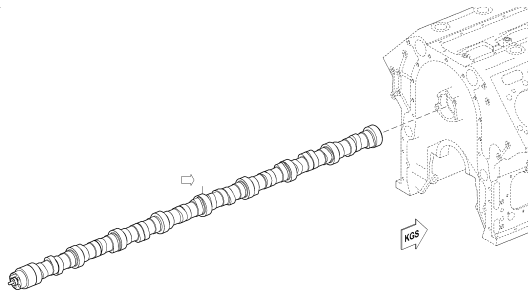
TD0000022339_041

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	47,7 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	1,8 g		39,2 X 3	MTN5252
60	5240160153	TUBE F. INJECTOR		1	PC	188,6 g			
80	X52404100143	VALVE GUIDE INSERT		2	PC	137,3 g	EM	D 19.3R6 / D10.6+0.05	
100	5240530530	VALVE GUIDE INSERT		2	PC	133,6 g	EM	D 19R6 / D10.6+0.05	
110	5550160633	SEALING CAP		1	PC	7,2 g		D 20	
120	5800160033	SEALING CAP		4	PC	11 g		D24	
130	5240160233	SEALING CAP		5	PC	18,2 g		D 30	
150	207346010000	SPRING PIN		1	PC	4,1 g		10 X 20	DIN7346
600	5240530830	VALVE GUIDE	STUFE 0 - KENNZ. 1 RILLE	1	PC	130 g		FERTIG BEARBEITET, 19.00 R6 H7	
650	5240530930	VALVE GUIDE	STUFE 1 - KENNZ. 2 RILLEN	1	PC	130 g	EM	FERTIG BEARBEITET, 19.10 R6 H7	
700	5240531030	VALVE GUIDE	STUFE 2 - KENNZ. 3 RILLEN	1	PC	140 g	EM	FERTIG BEARBEITET, 19.30 R6 H7	
800	X52404200010	VALVE GUIDE INLET AND EXHAUST	STUFE 2 - KENNZ. 3 RILLEN	1	PC	0,12 kg	EM	FERTIG BEARBEITET, 19.30 R6 H7	

GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.

05
CAMSHAFT FOR 16V
XS548050.00025

05100561

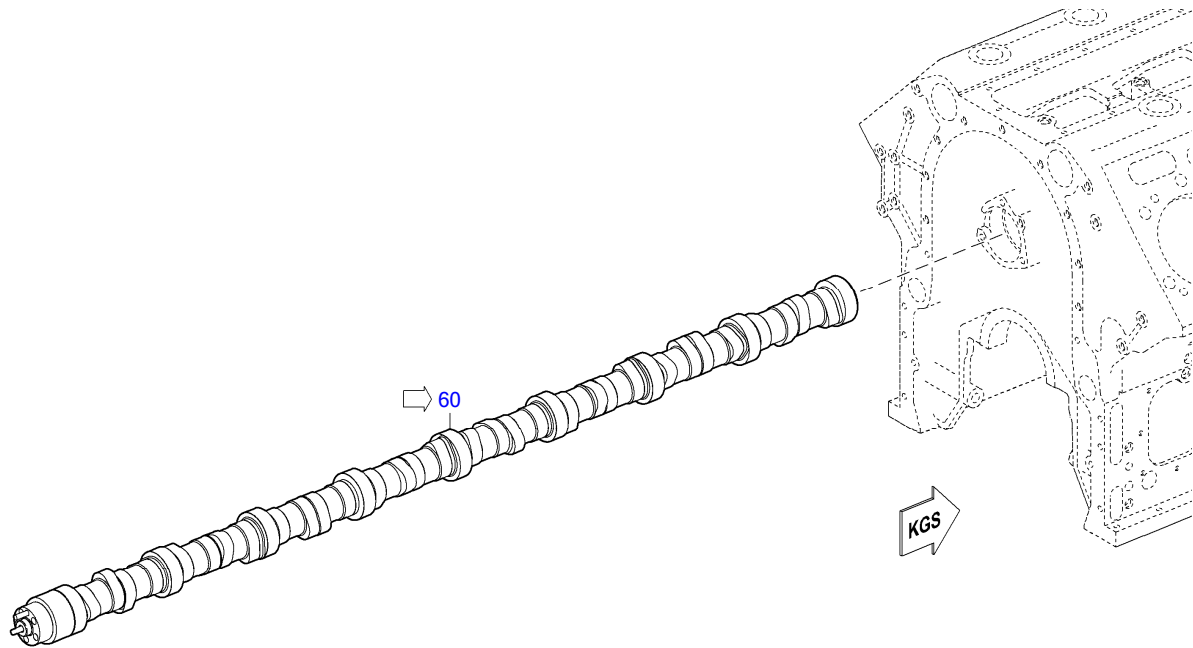
EQUI TYPE: Engine

**PRODUCT TYPE: 16V4000C65
CAMSHAFT FOR 16V**

SERIAL NUMBER: 5482000021

FG/FGS: 051 05

BOM-No.: XS548050.00025



05100561

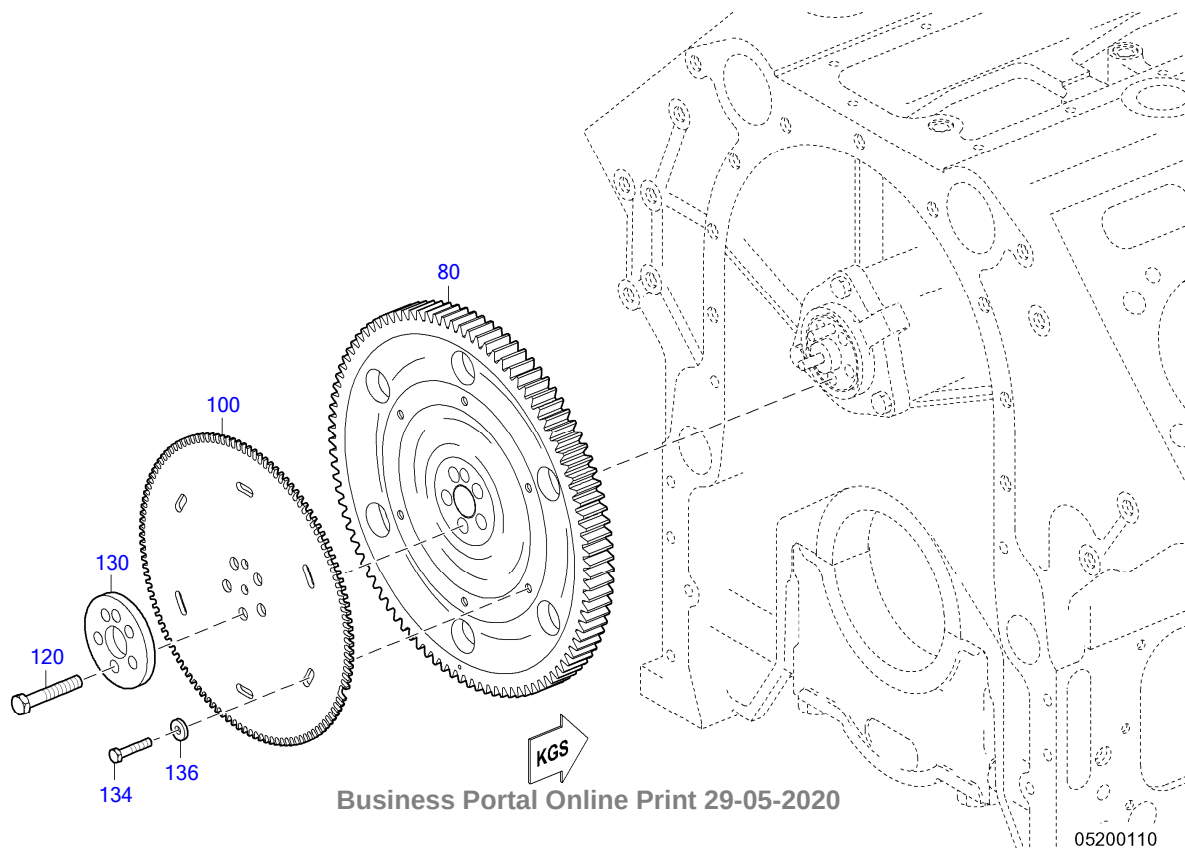
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000C65
CAMSHAFT FOR 16V

SERIAL NUMBER: 5482000021

FG/FGS: 051 05

BOM-No.: XS548050.00025



Business Portal Online Print 29-05-2020

05200110

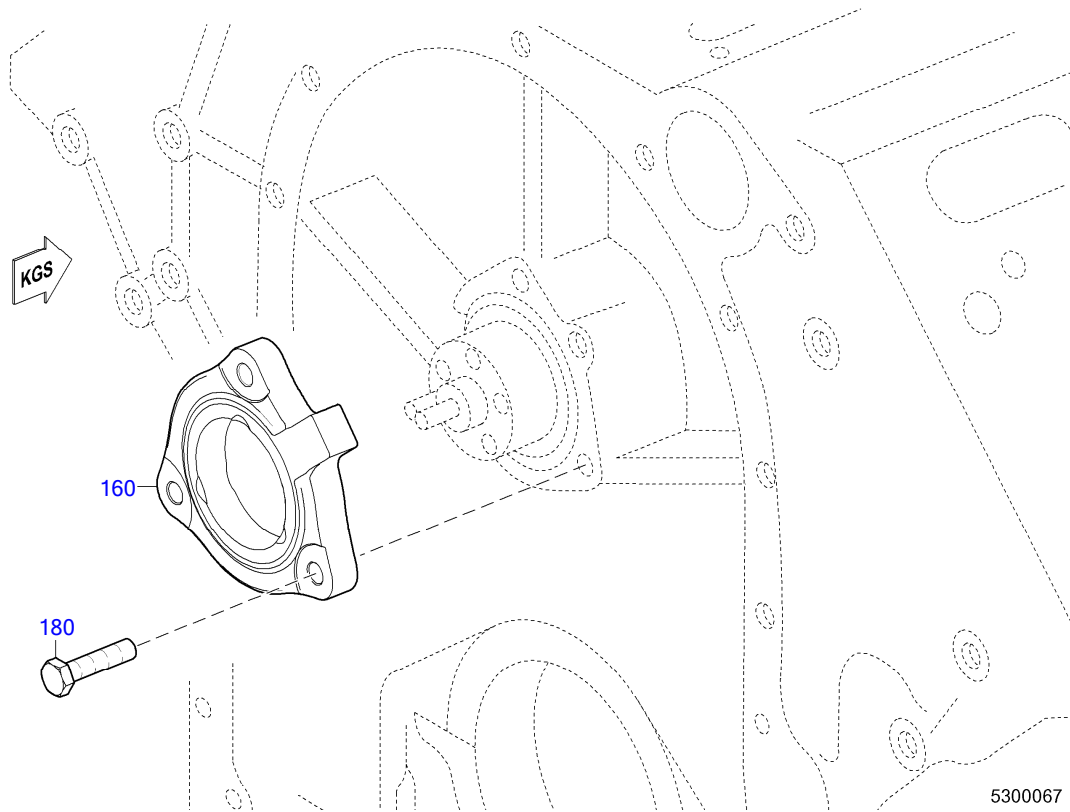
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000C65
CAMSHAFT FOR 16V

SERIAL NUMBER: 5482000021

FG/FGS: 051 05

BOM-No.: XS548050.00025



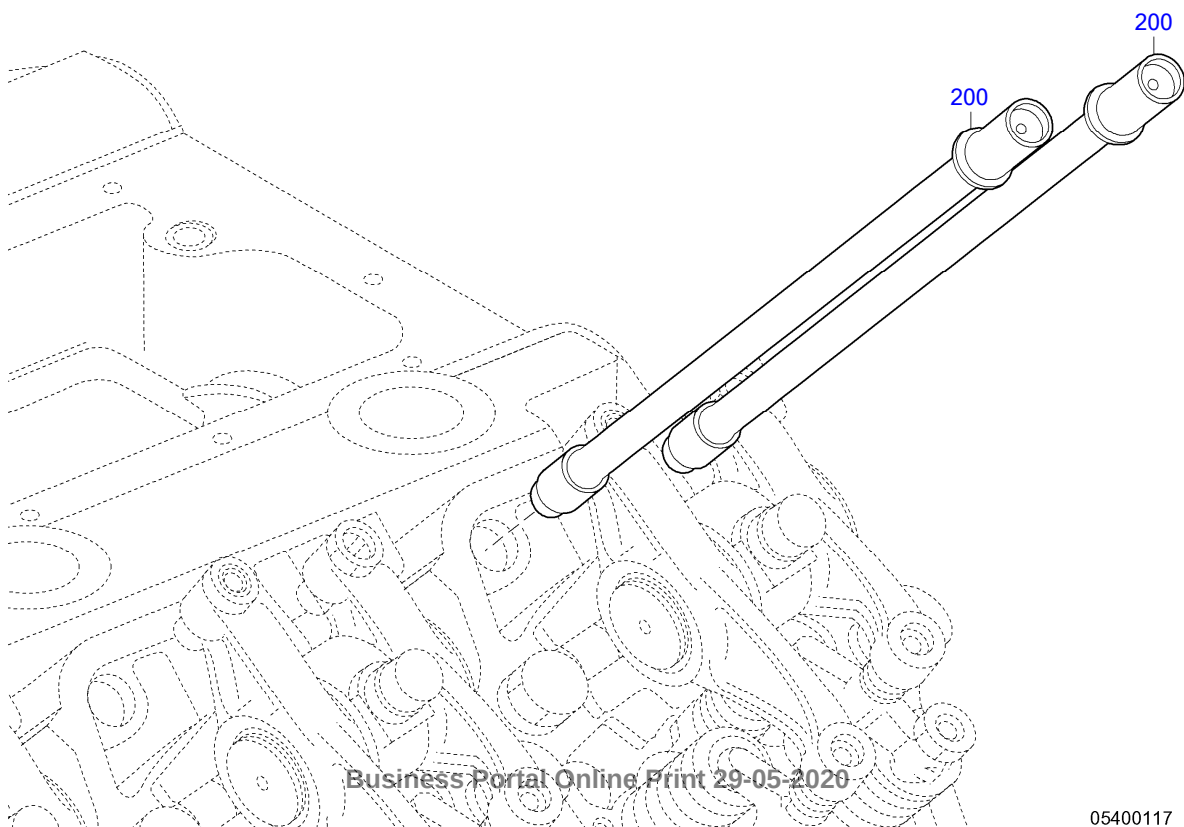
EQUI TYPE: Engine

PRODUCT TYPE: 16V4000C65
CAMSHAFT FOR 16V

SERIAL NUMBER: 5482000021

FG/FGS: 051 05

BOM-No.: XS548050.00025



EQUI TYPE: Engine

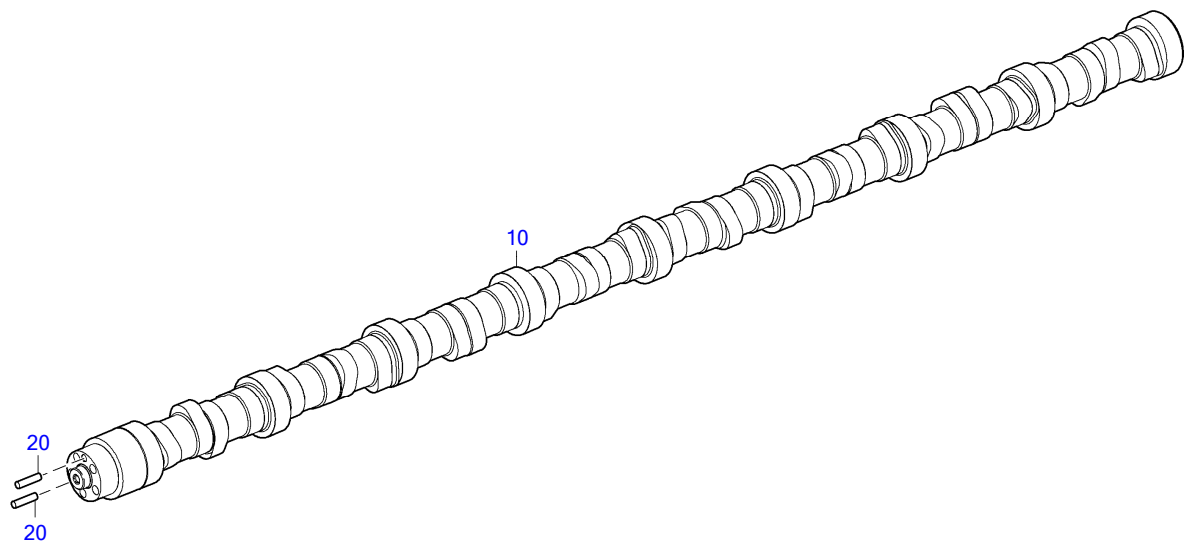
PRODUCT TYPE: 16V4000C65
CAMSHAFT FOR 16V

SERIAL NUMBER: 5482000021

FG/FGS: 051 05

BOM-No.: XS548050.00025

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
59	60	X54805100015	CAMSHAFT FOR 16V	1	PC	65,243 kg	EM		
	80	X52405200023	CAMSHAFT GEAR	1	PC	19,52 kg	EM		
	100	5240521748	WHEEL SRS ADEC	1	PC	2,9 kg	EM		
	120	000931012052	HEX SCREW	5	PC	72,19 g		M 12 X 70	DIN931
	130	5240510351	SPACER RING HOLES	1	PC	422,9 g			
	134	304017008085	HEX SCREW	6	PC	18 g		M 8 X 40	ISO4017
	136	007349008002	WASHER	6	PC	7,9 g		8,4	DIN7349
	160	X52405300005	THRUST BEARING FLANG FOR CAMSHAFT	1	PC	2 kg			
	180	000000003437	HEX SCREW	3	PC	50,8 g		M 12 X 50	ISO4017
	200	X52405400013	PUSHROD	32	PC	600,2 g			



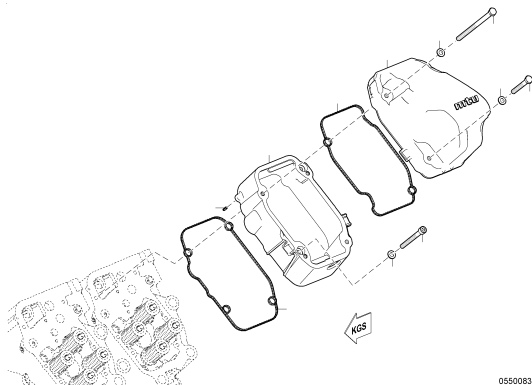
05100562

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	10	X54805100014	CAMSHAFT FOR 16V	1	PC	65,192 kg	EM		
	20	000007010111	PIN DOWEL CAMSHAFT	2	PC	25 g		10 M6 X 40	DIN7

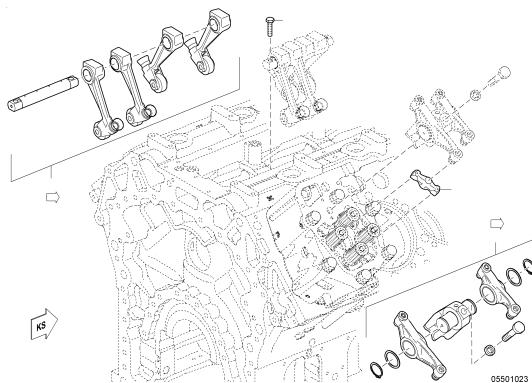
GROUP SEGMENT (FGS)

GROUP NAME

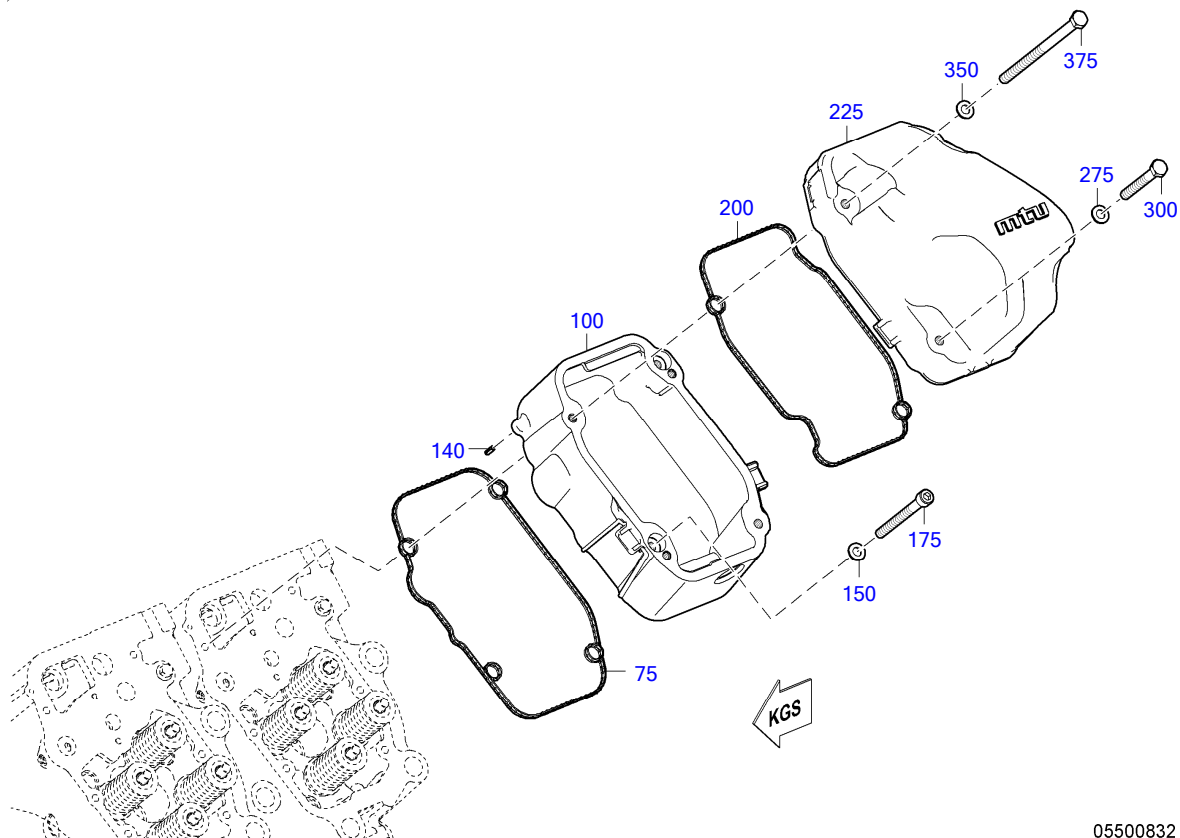
BOM-No.



00
CYLINDER HEAD COVER FOR 16V
XS548050.00028

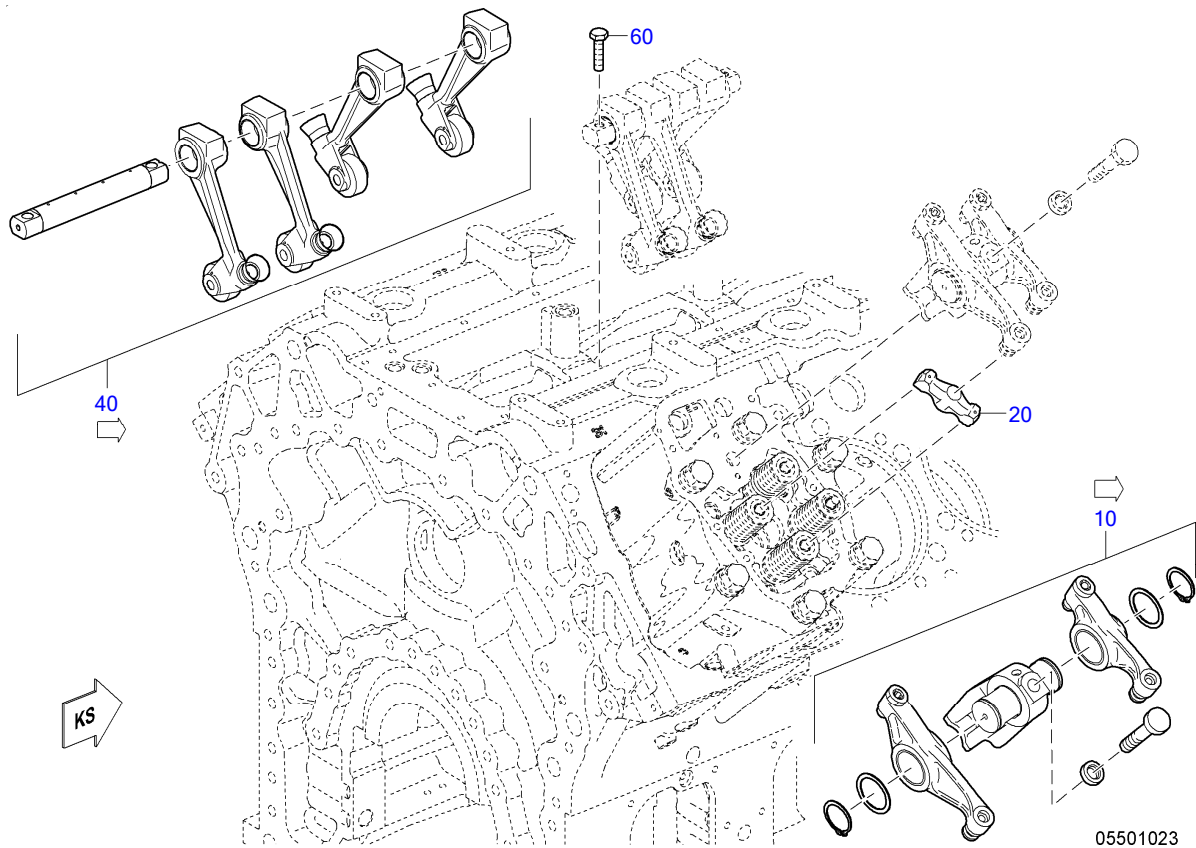


05
VALVE GEAR WITH PRESS.OIL LUBR
XS527050.00046

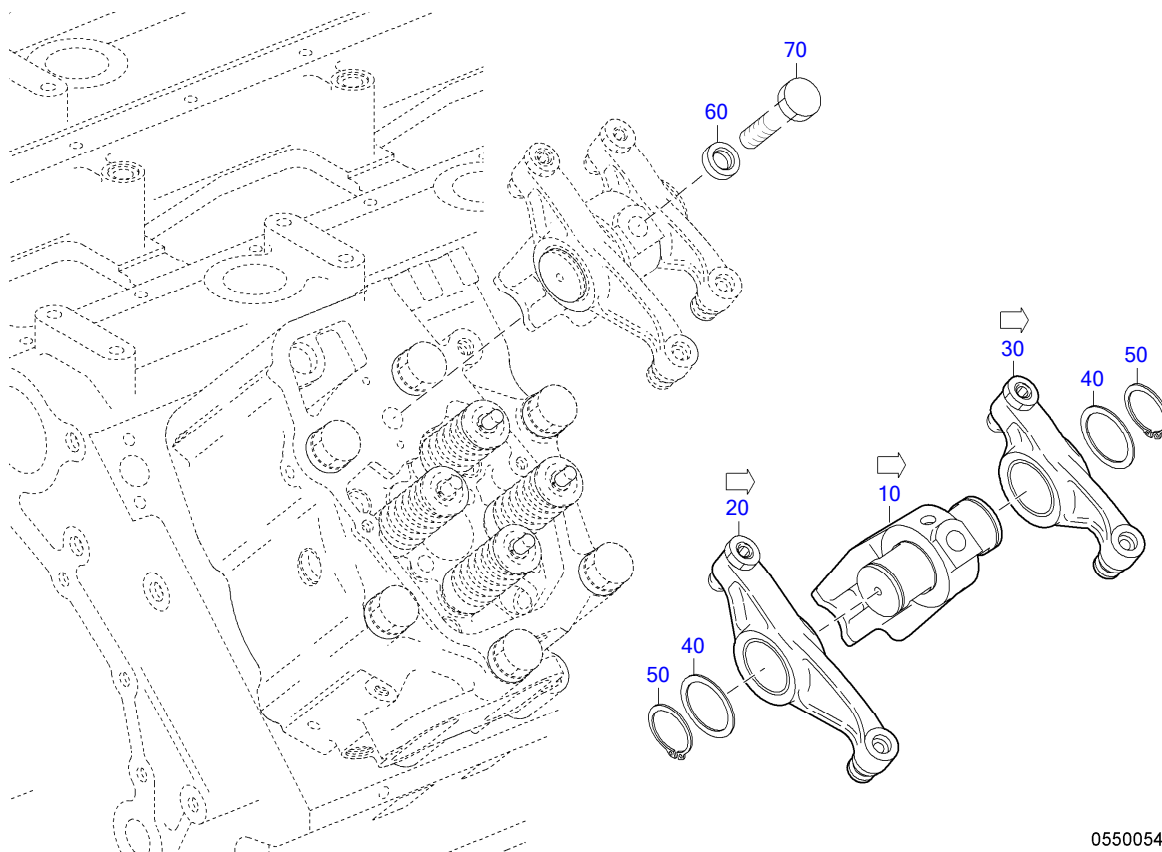


05500832

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	75	X52904200002	GASKET F CYLIND. HEAD COVE	16	PC	19,4 g		
	100	X52905500042	CYLINDER HEAD COVER LOWER PART	16	PC	2,8 kg		
	140	001481005017	PIN SPRING	16	PC	1,4 g	5 X 16 - N	ISO8752
	150	200433010501	WASHER	32	PC	2 g	10,5	DIN433
	175	204762010006	FILLISTER SCREW	32	PC	62,2 g	M 10 X 90	ISO4762
	200	X52904200003	GASKET F CYLIND. HEAD COVE	16	PC	16,6 g		
	225	X52905500025	CYLINDER HEAD COVER UPPER PART	16	PC	4,25 kg		
	275	735151010200	SPACER S2000/4000	32	PC	22,1 g	B 10,5	MTN5151
	300	204017010026	HEX SCREW	32	PC	51,7 g	M 10 X 85	ISO4017
	350	735151010200	SPACER S2000/4000	32	PC	22,1 g	B 10,5	MTN5151
	375	204014010045	HEX SCREW	32	PC	112 g	M 10 X175	ISO4014

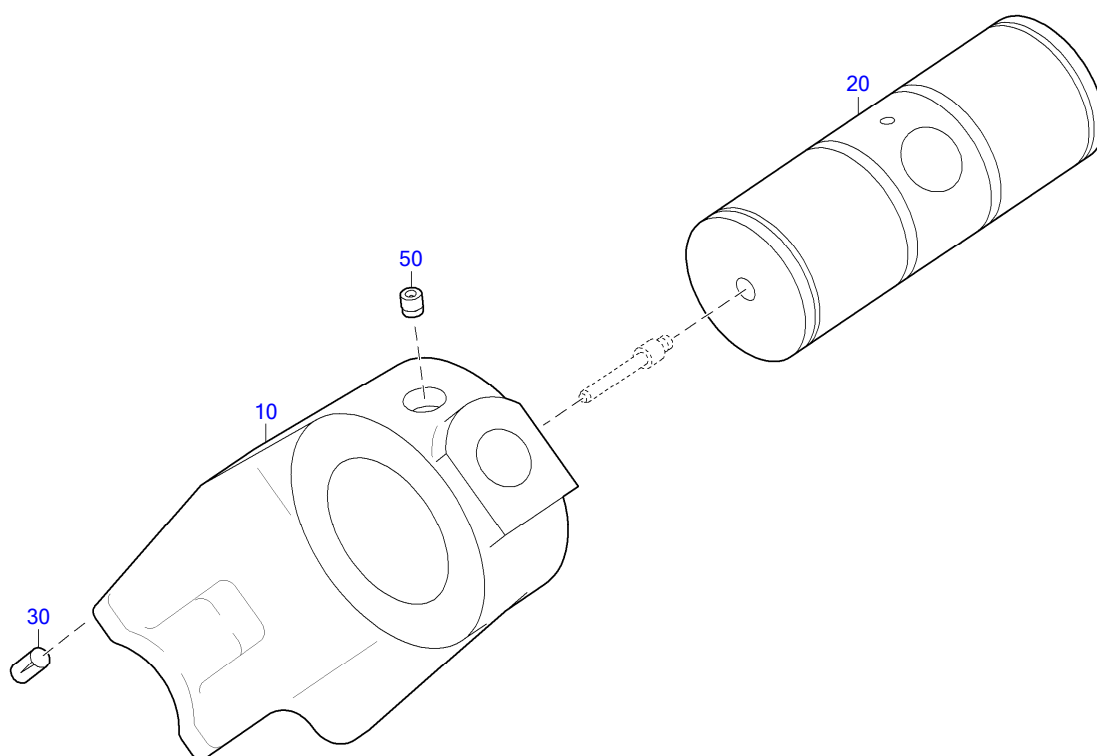


	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
63	10	X52405500216	ROCKER ARM	16	PC	6,546 kg		
	20	X52405500212	VALVE BRIDGE	32	PC	272,2 g		
67	40	X52405500243	SWING FOLL.	8	PC	7,4 kg		
	60	910105010011	HEX SCREW	16	PC	0,037 kg	M10X 40	MBN10105



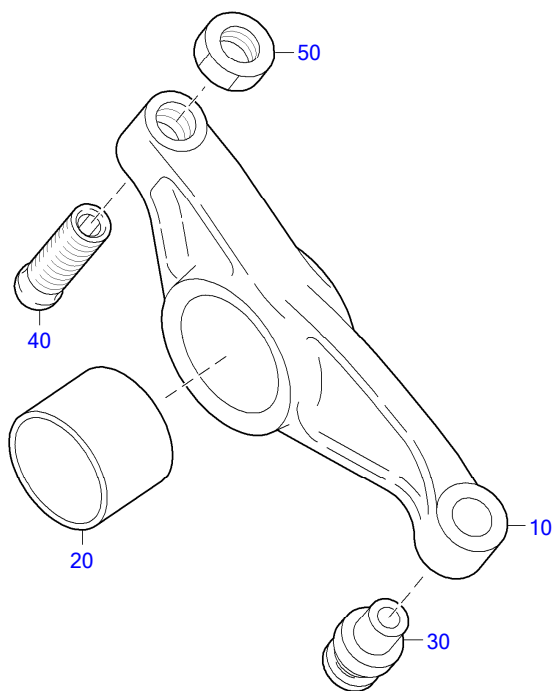
05500546

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
64	10	X52405500217	ROCKER SHAFT SUPPORT		1	PC	3,487 kg		
65	20	X52405500214	ROCKER ARM INLET		1	PC	1,393 kg		
66	30	X52405500215	ROCKER ARM EXHAUST		1	PC	1,377 kg		
	40	X52499100774	SUPPORT PLATE	BR4000	2	PC	10 g		
	50	000471045000	RING SNAP HV ZNPH R5 F		2	PC	7,3 g	45 X 1,75	DIN471
	60	700521016200	WASHER		1	PC	11,7 g	16,2	MMN521
	70	200933016002	HEX SCREW		1	PC	272 g	M 16 X180	DIN933



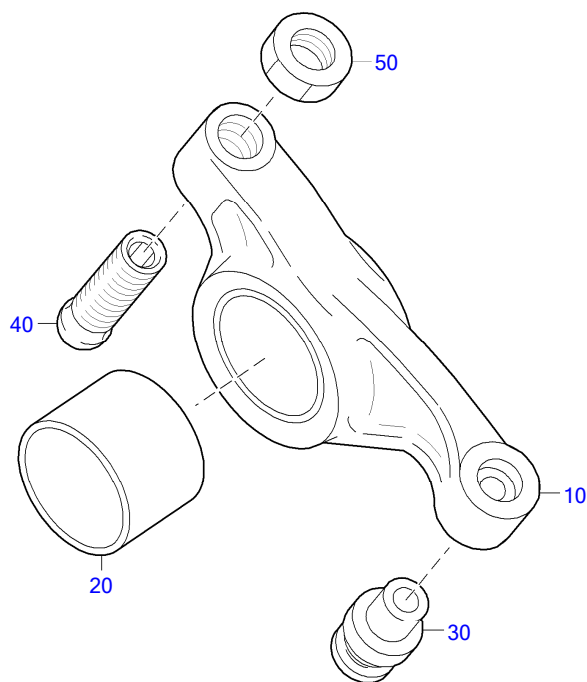
05500549

	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	2,7 g	6 X 12	DIN1474
	50	X52418300025	OIL SPRAY NOZZLE	1	PC	1 g		



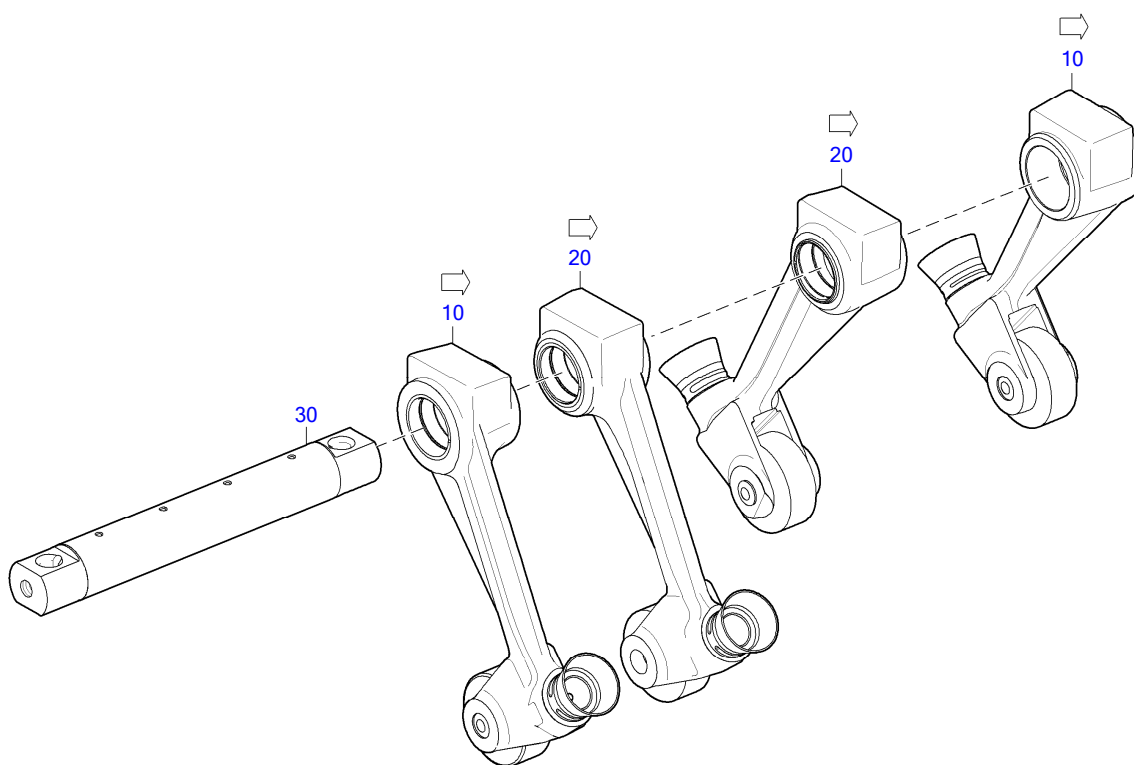
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	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	X52405500205	ROCKER ARM INLET	1	PC	1,102 kg		
	20	5240550550	BUSHING	1	PC	116 g		
	30	X52405200015	THRUST MEMBER FOR ROCKER ARM	1	PC	75 g		
	40	X52499100259	ADJUSTING SCREW FOR ROCKER ARM	1	PC	71 g		
	50	000000000403	NUT ADEC	1	PC	17 g	M 16 X 1,5	ISO8675



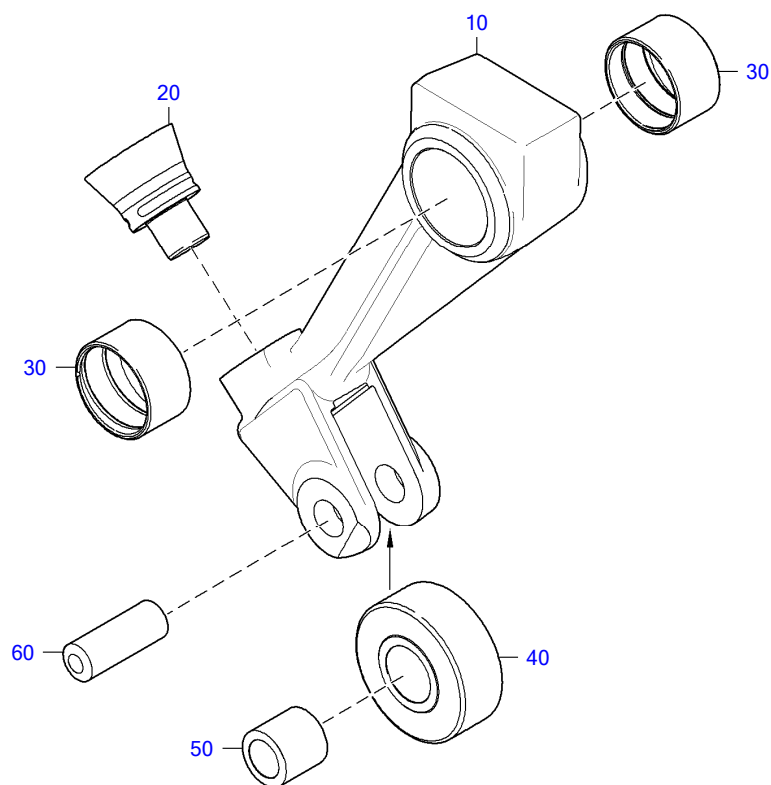
05500548

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	X52405500206	ROCKER ARM EXHAUST	BR4000	1	PC	1,065 kg		
	20	5240550550	BUSHING		1	PC	116 g		
	30	X52405200015	THRUST MEMBER FOR ROCKER ARM		1	PC	75 g		
	40	X52499100259	ADJUSTING SCREW FOR ROCKER ARM		1	PC	71 g		
	50	000000000403	NUT ADEC		1	PC	17 g	M 16 X 1,5	ISO8675



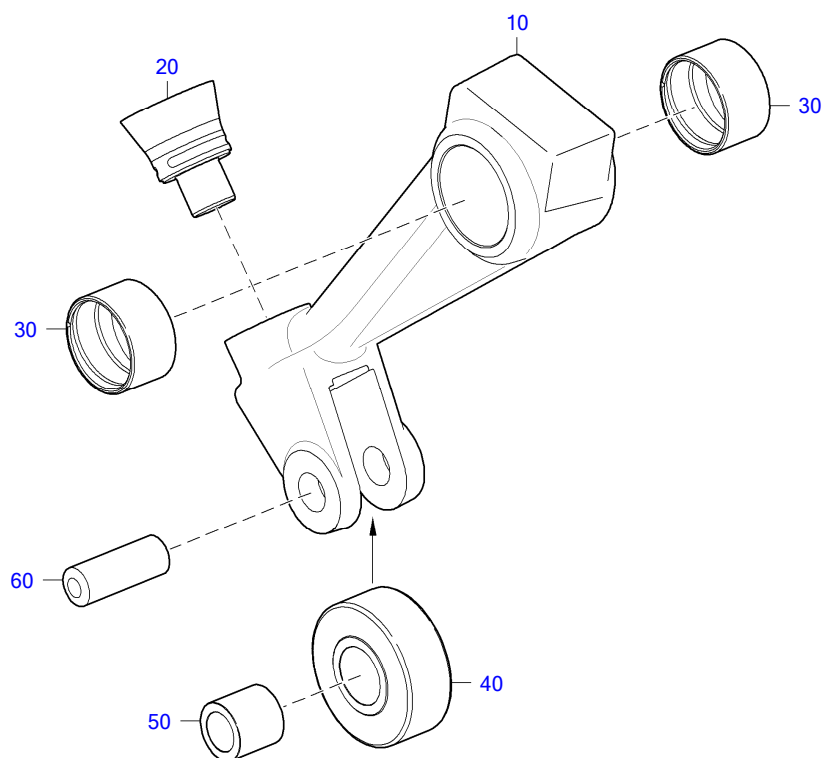
05501004

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
68	10	X52405500241	SWING FOLL. INLET	2	PC	1,671 kg
69	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	64,5 g
	30	X52499100777	BUSHING FOR ROCKER ARM	2	PC	36 g
	40	X52405500164	ROLLER FOR ROCKER ARM	1	PC	272 g
	50	X52499100179	BUSHING FOR ROCKER ARM	1	PC	30 g
	60	X52499100180	PIN FOR ROCKER ARM	1	PC	45 g



05501006

	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	64,5 g
	30	X52499100777	BUSHING FOR ROCKER ARM	2	PC	36 g
	40	X52405500164	ROLLER FOR ROCKER ARM	1	PC	272 g
	50	X52499100179	BUSHING FOR ROCKER ARM	1	PC	30 g
	60	X52499100180	PIN FOR ROCKER ARM	1	PC	45 g

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000C65
FUEL SYSTEM (HIGH PRESSURE)

SERIAL NUMBER: 5482000021
FG/FGS: 070

GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.

00

INJECTOR FOR 16V
XU548018.009

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000C65
INJECTOR FOR 16V

SERIAL NUMBER: 5482000021

FG/FGS: 070 00

BOM-No.: XU548018.009

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
72	170	X52907500116	INJECTOR		16	PC	4,6 kg	EM	
	210	X00E50211763	TERMINAL FOR CYLINDER HEAD	CaptiveNut - M520-0097	16	PC	0,027 kg		L=110MM, 250V/1500V/24A 2-POL.

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000C65
INJECTOR

SERIAL NUMBER: 5482000021

FG/FGS:

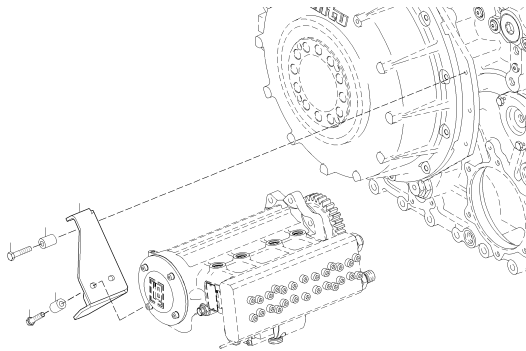
BOM-No.: X52907500116

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	10	X52907500007	SEALING RING FOR INJECTOR	FUER LEAD2-INJEKTOR	1	PC	3 g			
	20	XP52907500079	O-RING		1	PC	2,8 g		37X3,7	
	30	700429038003	O-RING		1	PC	3 g		38,5 X 3,7	MMN429
	40	700429021001	O-RING		1	PC	0,5 g		21 X 2	MMN429
	50	XP52907500081	O-RING		1	PC	1 g		31,5X3	
	60	XP52907500080	DAMPER RING		1	PC	34,4 g		60,6X15	
	70	XP52907500105	CABLE	KABEL ZU INJEKTOR X52907500102	1	PC	0,054 kg			
	80	X00E50210634	UNION NUT		1	PC	4 g	UB	F. APD JAMNUT 7P	

GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.



073005276

00

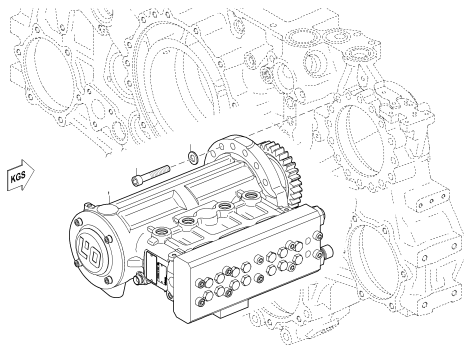
RETAINER FOR HP PUMP

XS547070.00052

00

HP PUMP

XU529017.007



07301065

05

HP PUMP WITH 4-CYLINDERS

XS529070.00089

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000C65
HP PUMP

SERIAL NUMBER: 5482000021

FG/FGS: 073 00

BOM-No.: XU529017.007

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN
75	450	X52907300071	HP PUMP	PCO-G10004	1	PC	85 kg	EM

EQUI TYPE: Engine

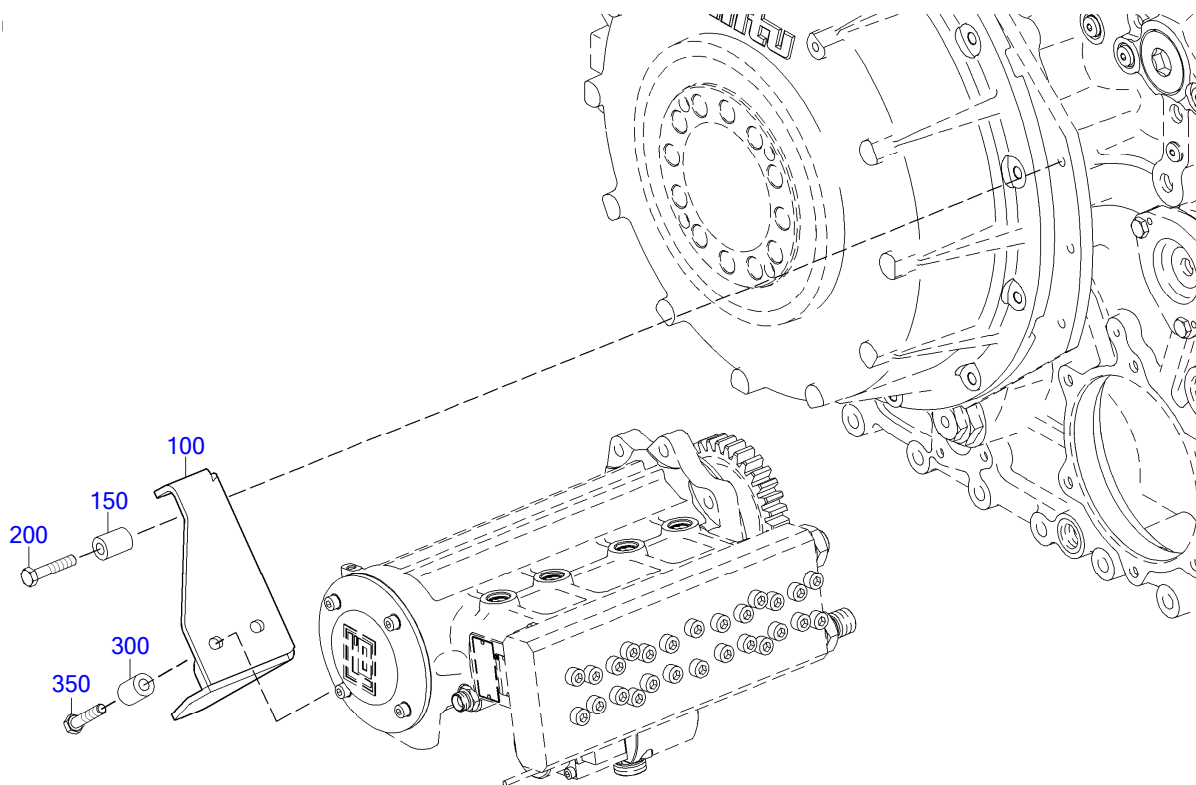
PRODUCT TYPE: 16V4000C65
HP PUMP

SERIAL NUMBER: 5482000021

FG/FGS:

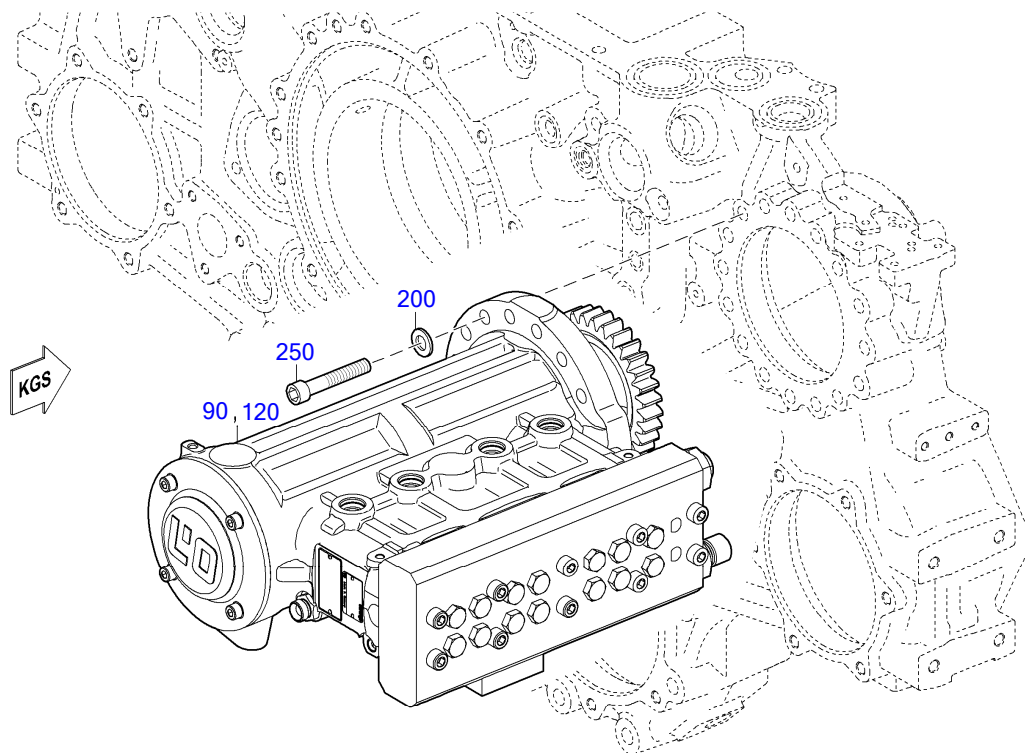
BOM-No.: X52907300071

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT
	10	X52907300051	CONTROL BLOCK FOR HP PUMP	FSV12S	1	PC	4,8 kg	PCO-U350
	20	XP52907700145	INJ.PUMP/HP PUMP F.SPARE PARTS KITS	PCO-10000	1	PC	0,339 kg	



07300527b

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	100	X54707300008	RETAINER FOR HP PUMP	1	PC	2,92 kg		
	150	735151010200	SPACER S2000/4000	3	PC	22,1 g	B 10,5	MTN5151
	200	000000001042	HEX SCREW	3	PC	34,6 g	M 10 X 50	ISO4017
	300	735151010200	SPACER S2000/4000	2	PC	22,1 g	B 10,5	MTN5151
	350	000000001042	HEX SCREW	2	PC	34,6 g	M 10 X 50	ISO4017



07301065

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
78	90	X52907300061	HP PUMP	PCO-G056GV7	1	PC	84,6 kg	EM		
	120	EX52907300061	HP PUMP		1	PC	85 kg	MN EM		
	200	200433013001	WASHER		16	PC	2,6 g		13	DIN433
	250	000912012093	SCREW		16	PC	59 g		M 12 X 55	DIN912

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000C65
HP PUMP

SERIAL NUMBER: 5482000021

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	4,8 kg	PCO-U350
	20	XP52907700145	INJ.PUMP/HP PUMP F.SPARE PARTS KITS	PCO-10000	1	PC	0,339 kg	

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000C65
INJECTION VALVE / INJECTOR

SERIAL NUMBER: 5482000021
FG/FGS: 075

GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.

05

INJECTOR FOR 16V

XS548070.00086

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000C65
INJECTOR FOR 16V

SERIAL NUMBER: 5482000021

FG/FGS: 075 05

BOM-No.: XS548070.00086

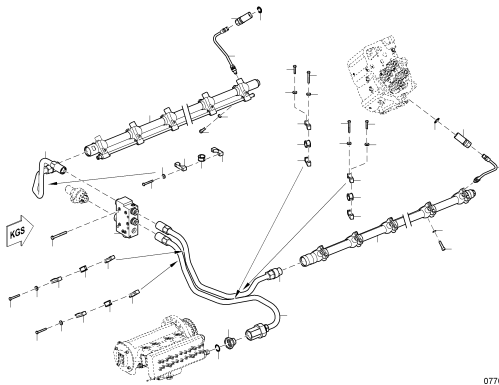
	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
	50	X52907500114	INJECTOR	16	PC	4,992 kg	EM	
	150	5240780535	CLAMP INJECTOR HOLD- DOWN	16	PC	355 g		
	200	5249902101	HEX SCREW	16	PC	87 g		M12X100
	250	EX52907500114	INJECTOR	16	PC		MN EM	

GROUP SEGMENT (FGS)

GROUP NAME

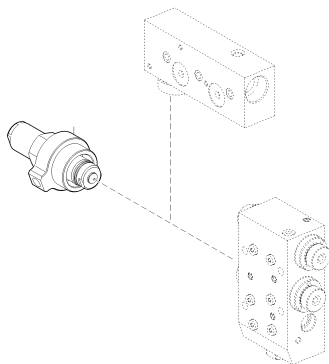
BOM-No.

05

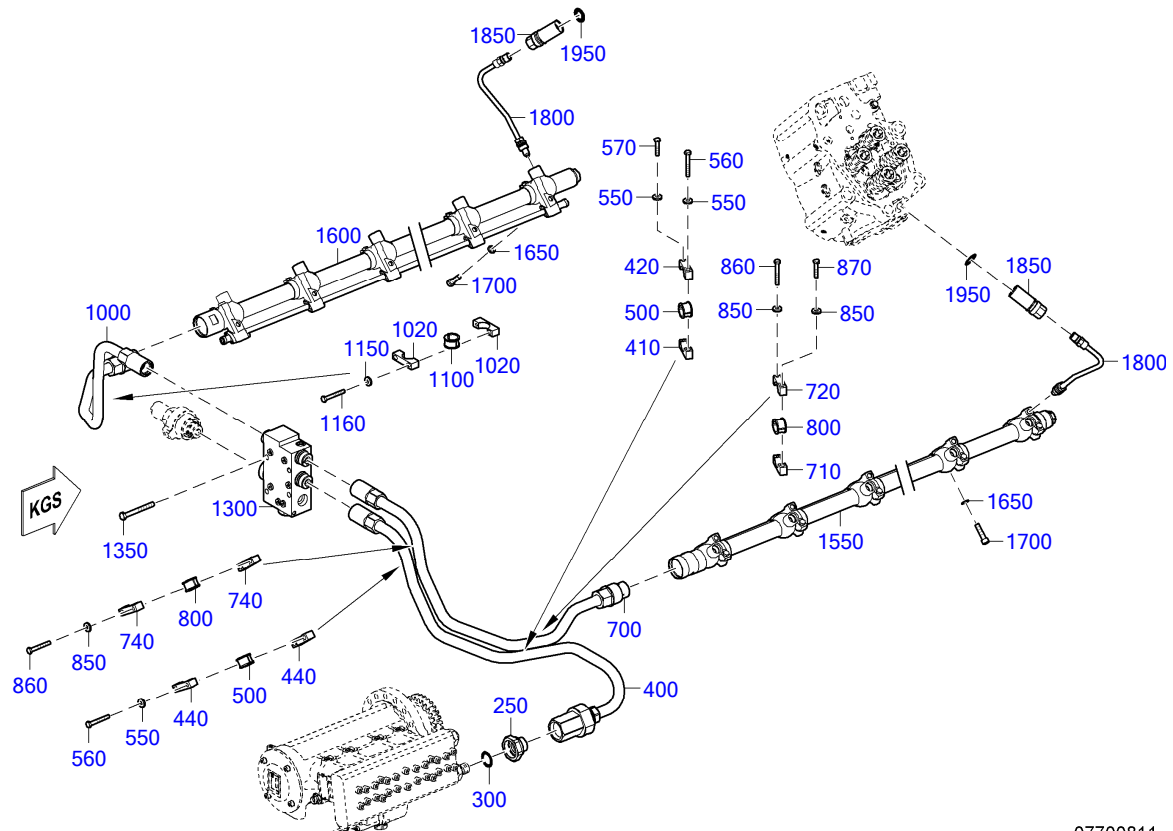
HP FUEL LINE FOR 16V
XS548070.00064

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
83	250	X59407700021	ADAPTER FOR HP LINE	1	PC	302 g			
	300	700429028004	O-RING	1	PC	1,6 g		28 X 3,15	MMN429
	400	X52907700113	HP FUEL LINE JACKETED	1	PC	4,733 kg	EM	NOVA HDL PUMPE l=1,5	
	410	X52999100141	PIPE HALF-CLAMP	2	PC	0,083 kg			
	420	X54999100196	HEX SCREW	2	PC	0,218 kg			
	440	X52999100030	PIPE HALF-CLAMP	2	PC	100,7 g			
	500	X59399100008	GROMMET	2	PC	8,9 g			
	550	007349008002	WASHER	4	PC	7,9 g		8,4	DIN7349
	560	000000003110	HEX SCREW	2	PC	23,9 g		M 8 X 60	ISO4017
	700	X52907700034	HP FUEL LINE DOUBLE-WALLED, LEFT	1	PC	3,925 kg	EM		
	710	X52999100141	PIPE HALF-CLAMP	2	PC	0,083 kg			
	720	X54999100196	HEX SCREW	2	PC	0,218 kg			
	740	X52999100030	PIPE HALF-CLAMP	2	PC	100,7 g			
	800	X59399100008	GROMMET	2	PC	8,9 g			
	850	007349008002	WASHER	4	PC	7,9 g		8,4	DIN7349
	860	000000003110	HEX SCREW	2	PC	23,9 g		M 8 X 60	ISO4017
	1000	X52907700035	HP FUEL LINE DOUBLE-WALLED, RIGH	1	PC	3,452 kg	EM		
	1020	X52999100030	PIPE HALF-CLAMP	2	PC	100,7 g			
	1100	X59399100008	GROMMET	1	PC	8,9 g			
	1150	007349008002	WASHER	2	PC	7,9 g		8,4	DIN7349
	1160	000000003110	HEX SCREW	2	PC	23,9 g		M 8 X 60	ISO4017
	1300	X52907800011	FUEL DISTRIBUTOR JACKETED	1	PC	6,3 kg	EM		
	1350	000000000907	HEX SCREW	4	PC	49,5 g		M 10 X 80	ISO4017

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000C65

SERIAL NUMBER: 5482000021

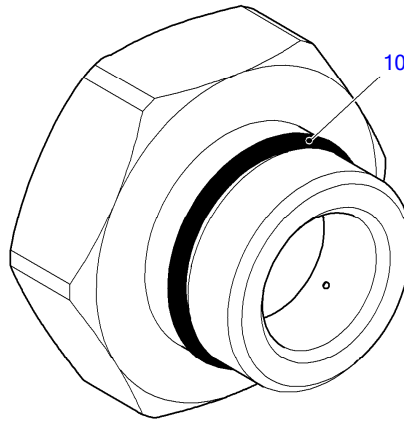
HP FUEL LINE FOR 16V

FG/FGS: 077

05

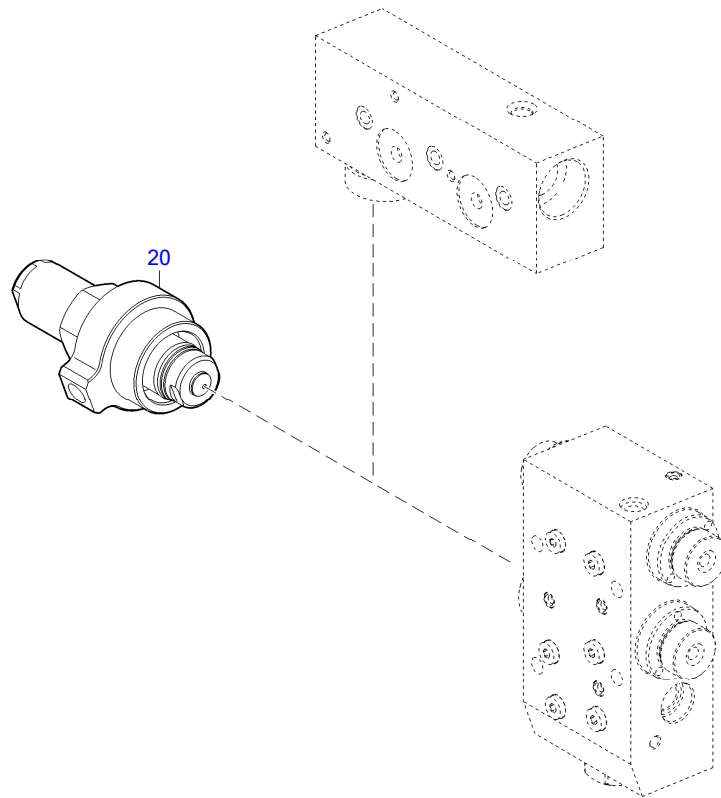
BOM-No.: XS548070.00064

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
35	1410	735210014000	THREAD PLUG		1	PC	0,019 kg		M 14 X 1,5	MTN5210
	1550	X54807700011	HP ACCUMULATOR DOUBLE-WALLED, LEFT		1	PC	32,5 kg	EM		
	1600	X54807700010	HP ACCUMULATOR DOUBLE-WALLED, RIGH		1	PC	21,09 kg	EM		
	1650	200433010500	WASHER		16	PC	1,9 g		10,5	DIN433
	1700	000912010014	BOLT HEX SOC HD		16	PC	31,5 g		M 10 X 40	DIN912
	1800	X52907700054	FUEL INJECTION LINE JACKETED		16	PC	287,6 g	EM		
	1850	X52907700049	ADAPTER JACKETED	DW ADAPTER OHNE SPALTFILTER	16	PC	324 g	EM	TERRA	
	1950	700429024000	O-RING		16	PC	3,9 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	1,1 g



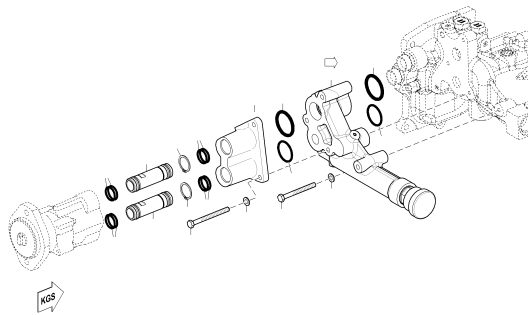
07700793

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN
	20	X54807700031	RELIEF VALVE	1	PC	2,17 kg	EM

GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.

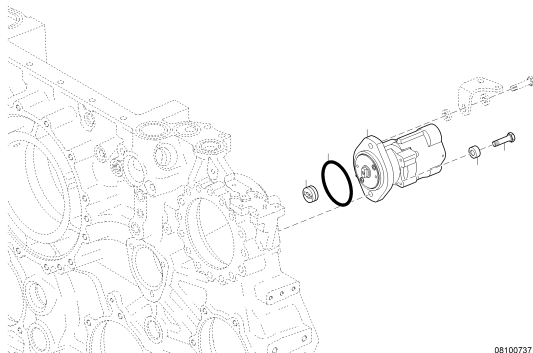


05

FUEL LINE FOR LOW-PRESS. SYST

XS547080.00149

08200249



05

FUEL PUMP

XS547080.00156

08100737

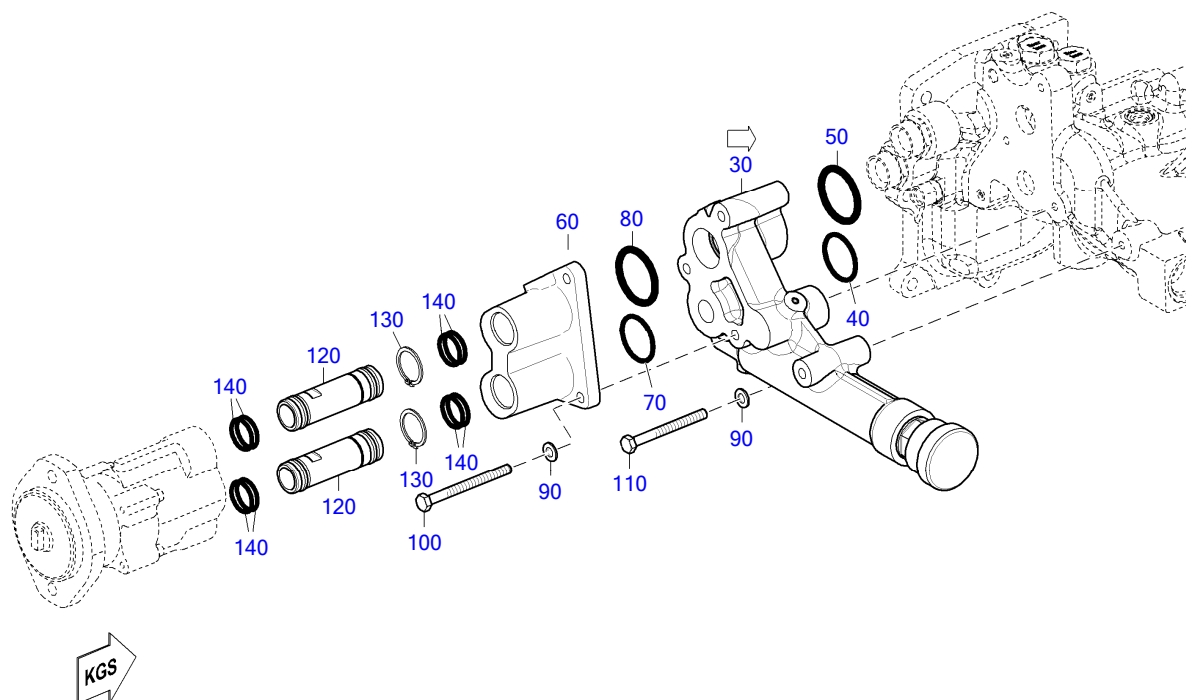
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PRODUCT TYPE: 16V4000C65
FUEL LINE FOR LOW-PRESS. SYST

SERIAL NUMBER: 5482000021

FG/FGS: 082 05

BOM-No.: XS547080.00149



08200249

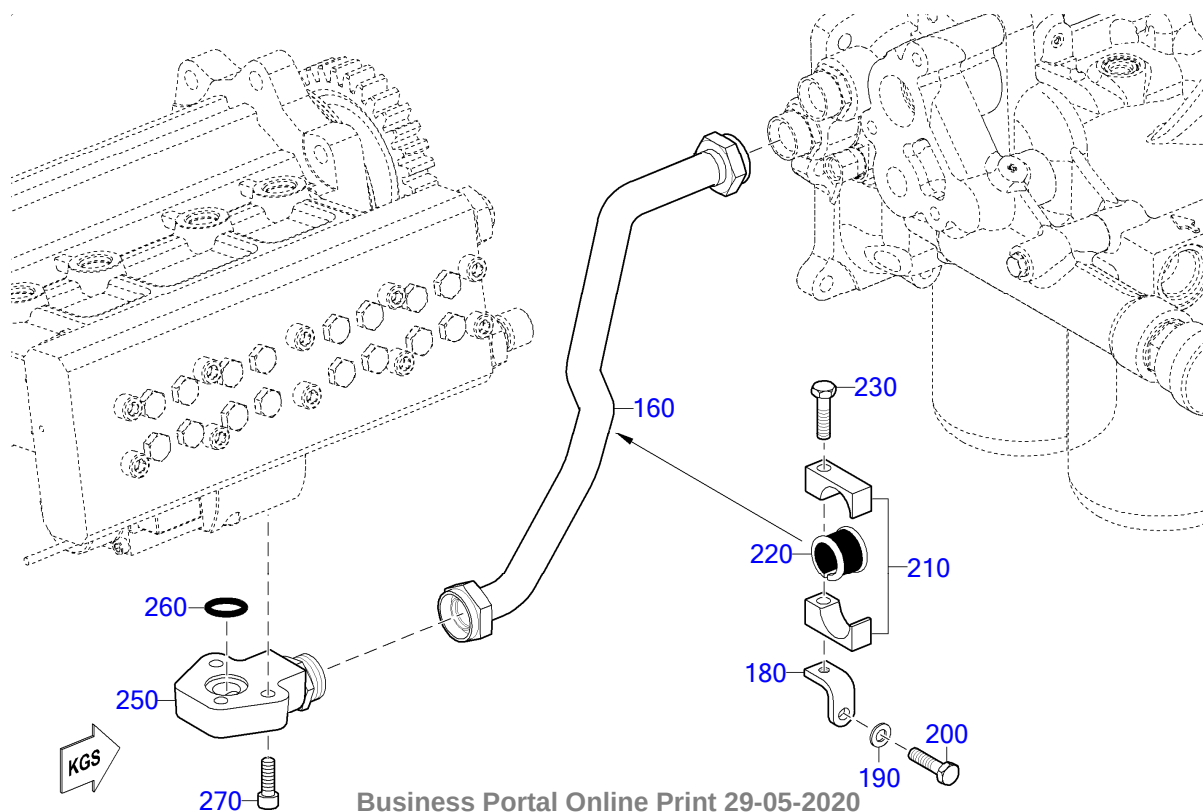
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PRODUCT TYPE: 16V4000C65
FUEL LINE FOR LOW-PRESS. SYST

SERIAL NUMBER: 5482000021

FG/FGS: 082 05

BOM-No.: XS547080.00149



Business Portal Online Print 29-05-2020

TD0000022325_082

EQUI TYPE: Engine

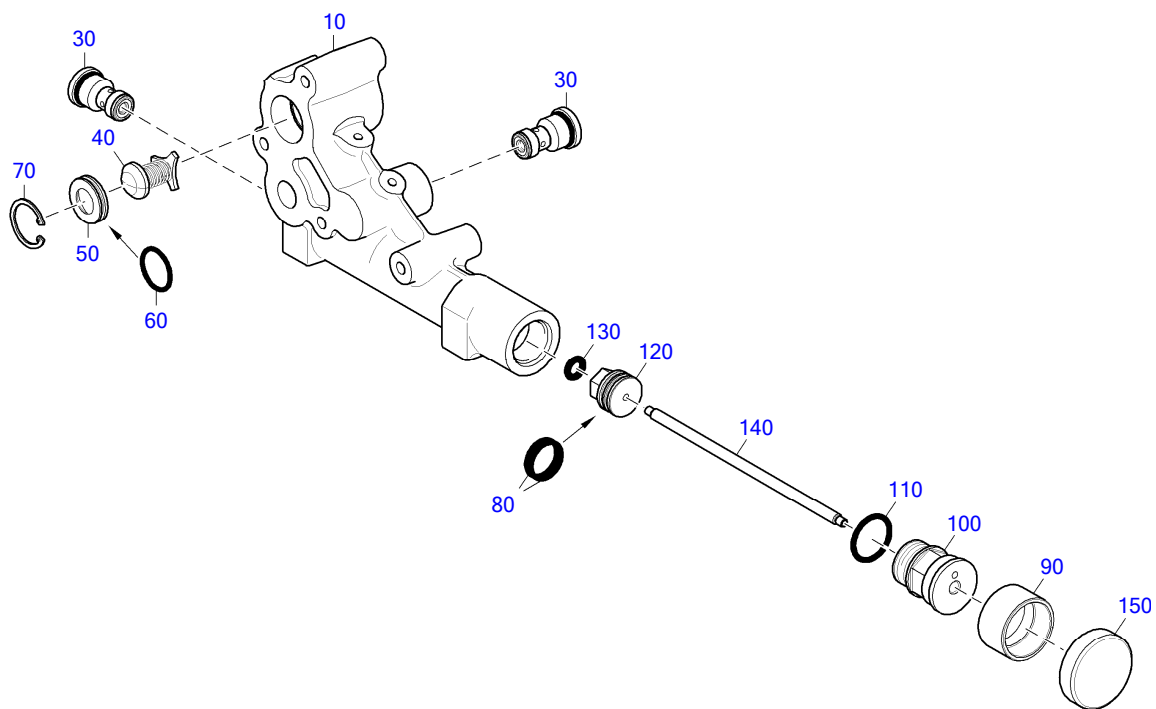
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FUEL LINE FOR LOW-PRESS. SYST

SERIAL NUMBER: 5482000021

FG/FGS: 082 05

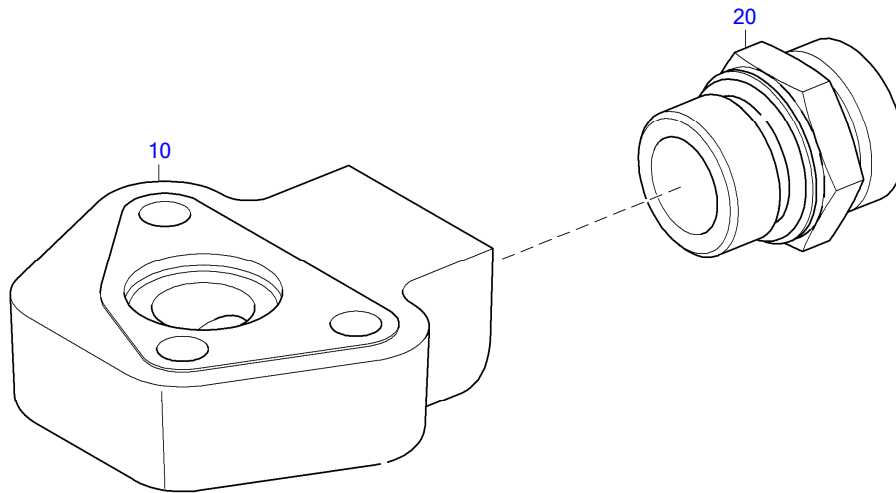
BOM-No.: XS547080.00149

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
87	30	X54708100015	FUEL HAND PUMP		1	PC	6,211 kg			
	40	700429037002	O-RING		1	PC	1,9 g		37 X 3	MMN429
	50	700429042000	O-RING		1	PC	6,2 g		42 X 5	MMN429
	60	X59508200019	FLANGE		1	PC	1,8 kg	EM		
	70	700429037002	O-RING		1	PC	1,9 g		37 X 3	MMN429
	80	700429042000	O-RING		1	PC	6,2 g		42 X 5	MMN429
	90	000125008427	WASHER		4	PC	1,5 g		A 8,4	DIN125
	100	000000003496	HEX SCREW		3	PC	38,2 g		M 8 X 90	ISO4014
	110	304014008032	HEX SCREW		1	PC	34,1 g		M 8 X 80	ISO4014
	120	X54899100017	PLUG-IN PIPE FOR FUEL		2	PC	176,6 g			
	130	000471028000	SNAP RING		2	PC	2,6 g		28 X 1,5	DIN471
	140	700429024001	O-RING		8	PC	0,8 g		24 X 2,5	MMN429
	160	X59508400004	FUEL LINE		1	PC	596,7 g	SB EM		
	180	X59399100023	BRACKET	JA	1	PC	81,3 g			
	190	007349008002	WASHER		1	PC	7,9 g		8,4	DIN7349
	200	304017008081	HEX SCREW		1	PC	13,4 g		M 8 X 25	ISO4017
	210	700325028100	CLAMP HALF TUBE 1/1 D9-28		2	PC	55 g		1/1 D 9 - 28	MMN325
	220	700327022000	GROMMET		1	PC	9 g		22	MMN327
	230	304017008086	HEX SCREW		1	PC	19,4 g		M 8 X 45	ISO4017
88	250	X54708400018	CONNECTING PIECE FOR HP PUMP		1	PC	0,692 kg			
	260	700429020003	O-RING		1	PC	2,1 g		20 X 4	MMN429
	270	000912008014	SOCKET HD. S		3	PC	14,3 g		M 8 X 25	DIN912



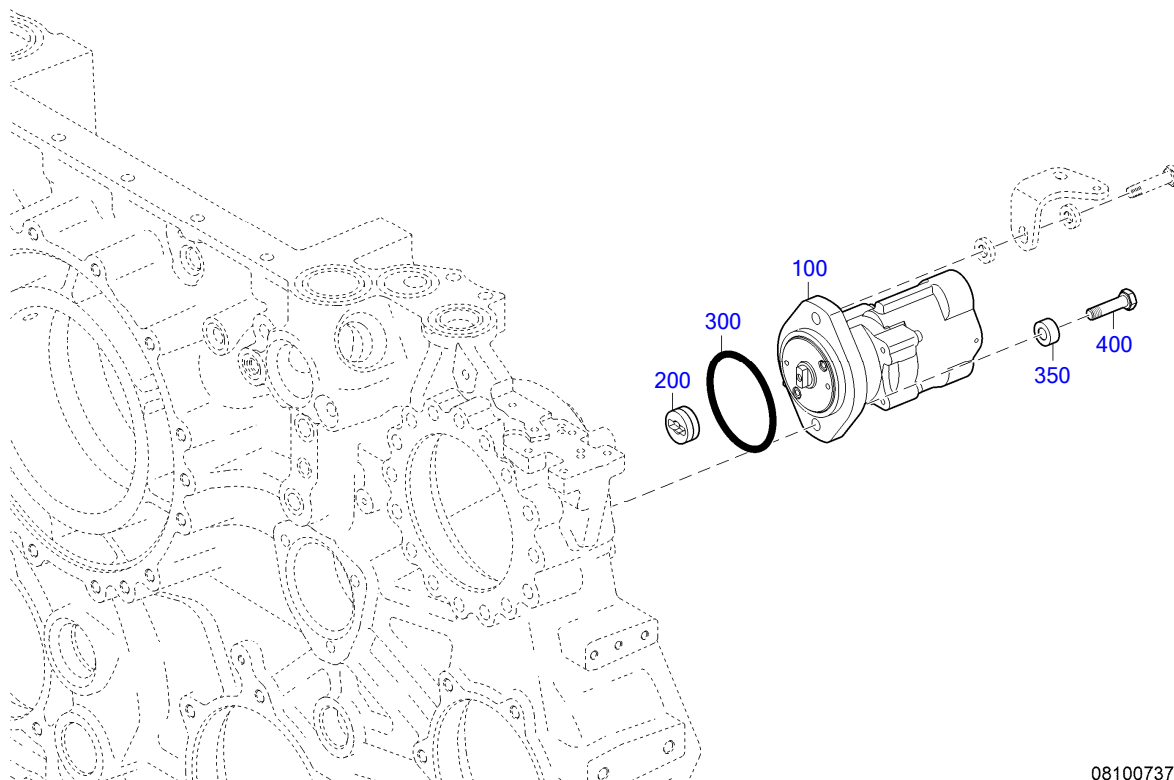
08200253

☐	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	93,7 g		
	40	X54999100035	NON-RETURN VALVE	1	PC	49,8 g		
	50	X59408300003	VALVE SEAT	1	PC	18,2 g		
	60	700429028000	O-RING	1	PC	1 g	28 X 2,5	MMN429
	70	000472035000	SNAP RING	1	PC	2,9 g	35 X 1,5	DIN472
	80	700429025001	O-RING	2	PC	0,9 g	25 X 2,5	MMN429
	90	X54708100035	SLEEVE	1	PC	40 g		
	100	X54708100037	SEAL PLUG	1	PC	0,999 g		
	110	700429030003	O-RING	1	PC	1,7 g	30 X 3	MMN429
	120	X54708100039	PISTON	1	PC	0,1 kg		
	130	700429010001	O-RING	1	PC	1,2 g	10 X 4	MMN429
	140	X54708100038	PISTON ROD	1	PC	61 g		
	150	X54708100036	HANDHOLD	1	PC	58 g		



TD0000011979_084

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	X54799101123	CONNECTING PIECE FOR HP PUMP	1	PC	0,6 kg		
	20	735211022000	UNION THD O-RING	1	PC	0,092 kg	22M 27 X 2	MTN5211



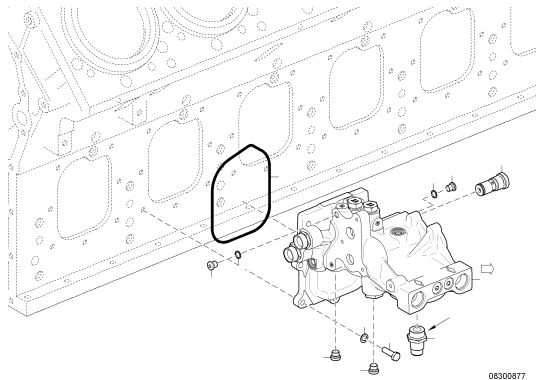
08100737

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	200	X52408100007	LINK		1	PC	54 g			
	300	700429083000	O-RING		1	PC	11,7 g		83 X 5	MMN429
	350	735151010200	SPACER S2000/4000		1	PC	22,1 g		B 10,5	MTN5151
	400	304017010036	HEX SCREW		1	PC	30 g		M 10 X 40	ISO4017
		X52808100013	FUEL DELIVERY PUMP	R25/23 8BAR ABSTEUERDRUCK	1	ST	5 kg	EM		
		XZ54708000031	FUEL PUMP		1	ST				

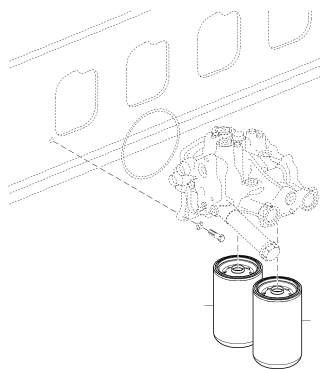
GROUP SEGMENT (FGS)

GROUP NAME

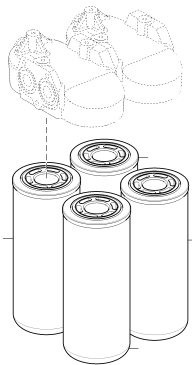
BOM-No.



05
FUEL FILTER HEAD
XS547080.00054

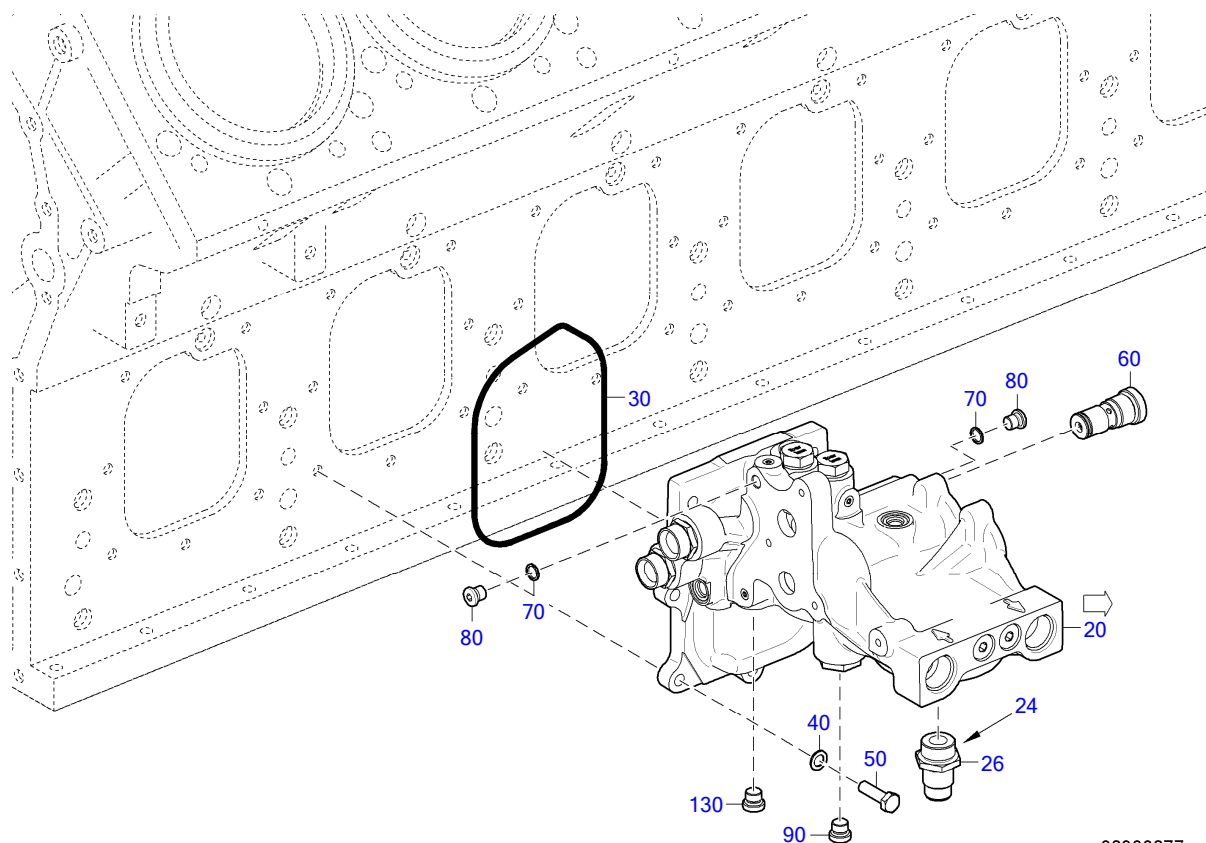


05
EASY-CHANGE FILTER
XS547080.00110



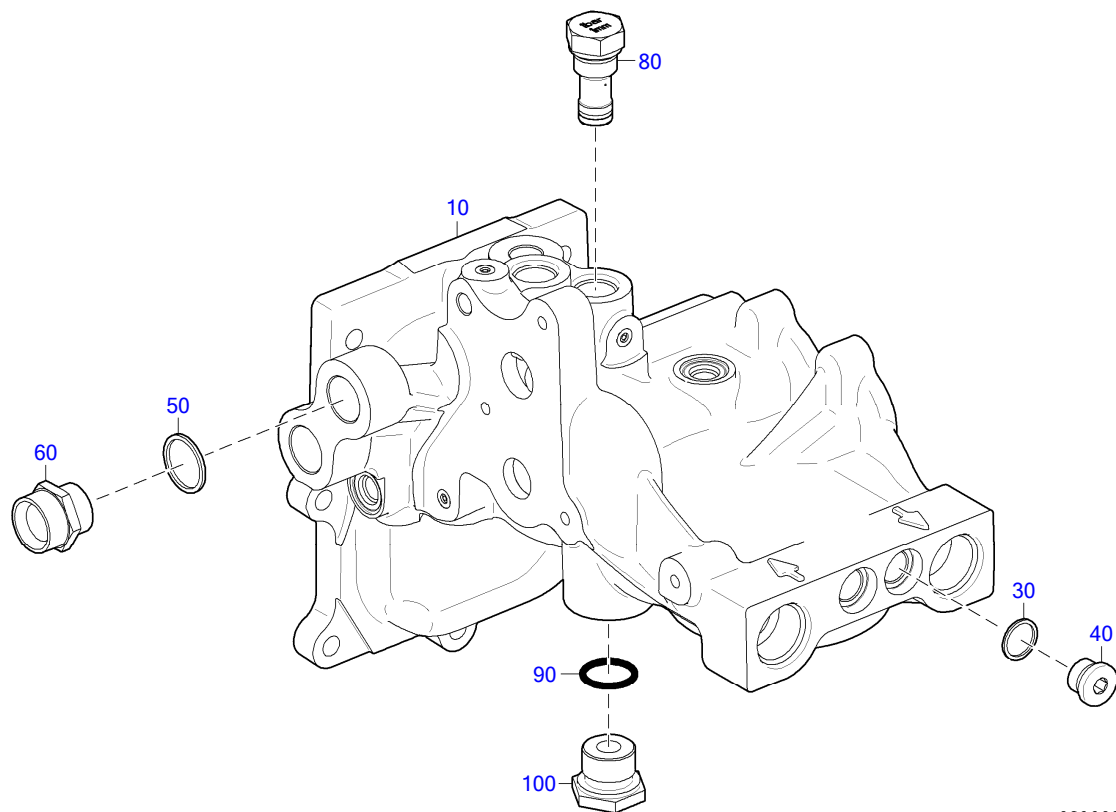
10
FUEL FILTER HEAD F.ADDIT.FUEL FILTER
XS547080.00220

10
ADDIT. FUEL FILTER
XS548080.00024



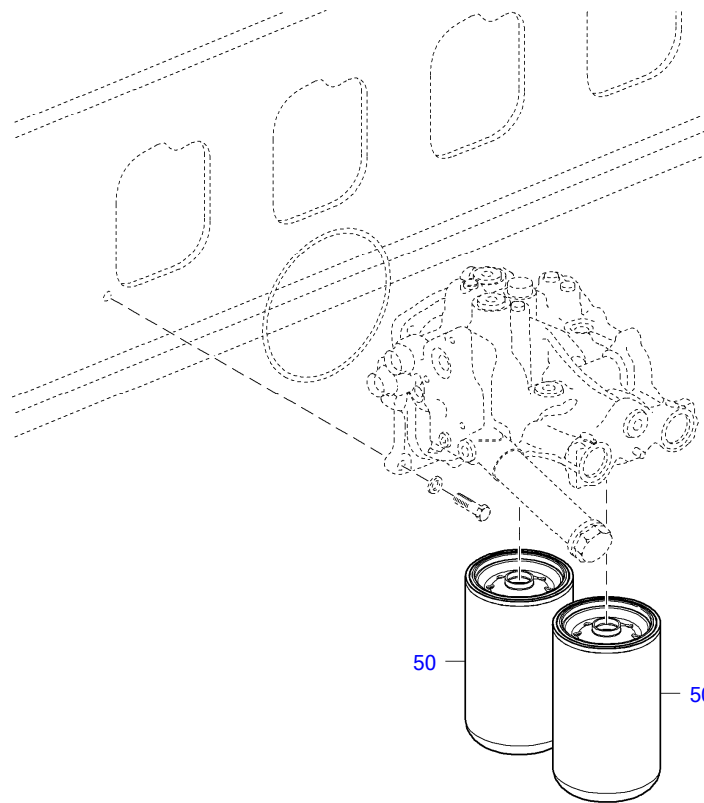
08300877

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
92	20	X54708300022	FUEL FILTER HEAD		1	PC	21,609 kg		
	24	40033	SEALANT PIPE THREAD LOCTITE 586 HENKEL LOCTITE 586		1	PC	80 g	1 KAR = 12 ST À 50 ML	MMN377B
	26	X54799100999	SCREW-FITTING UNION		2	PC	169 g	M30X1,5 / 1 1/16-16 UN-2A	
	30	700429180000	O-RING		1	PC	17 g	180 X 4	MMN429
	40	200433010500	WASHER		7	PC	1,9 g	10,5	DIN433
	50	204017010017	HEX SCREW		7	PC	27,5 g	M 10 X 35	ISO4017
	60	X54799100678	VALVE		1	PC	0,196 kg		
	70	007603012108	SEALING RING		2	PC	0,5 g	A 12 X 15,5	DIN7603
	80	000908012003	THREAD PLUG		2	PC	11,9 g	M 12 X 1,5	DIN908
35	90	735210014000	THREAD PLUG		1	PC	0,019 kg	M 14 X 1,5	MTN5210
35	130	735210014000	THREAD PLUG		1	PC	0,019 kg	M 14 X 1,5	MTN5210



08300873

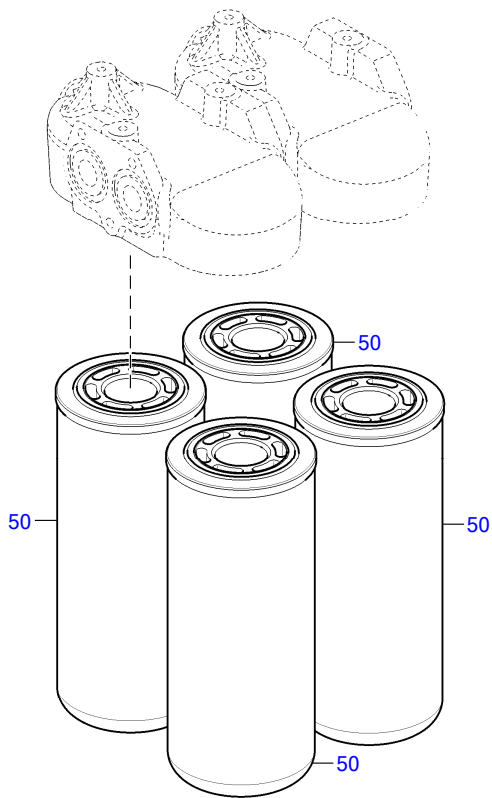
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	10	X54708300021	FUEL FILTER HEAD	1	PC	21,936 kg		
	30	007603018101	COPPER SEALING RING	3	PC	1,3 g	A 18 X 22	DIN7603
	40	000908018002	PLUG	3	PC	0,029 kg	M 18 X 1,5	DIN908
	50	007603026104	COPPER SEALING RING	2	PC	3,1 g	A 26 X 31	DIN7603
	60	915013020002	SCREW NECK	2	PC	66,7 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 g	23,6 X 2,9 - M27X2	MTN5221
	100	X54799101012	THREADED BUSHING	1	PC	106,1 g		



08301196

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT
	50	X59408300082	EASY-CHANGE FILTER	4MM>=99,96% (G1+F2-200)	2	PC	1,37 kg

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	150	5240111380	GASKET		1	PC	25 g		
	200	5240110732	COVER CYL BLOCK ACCE SS PORT		1	PC	2,8 kg		
	250	00000003021	HEX SCREW		2	PC	22,8 g	M 10 X 25	ISO4017
	350	X54808300023	RETAINER F.ADDIT.FUEL FILTER		1	PC	7,973 kg		
	400	007349010002	WASHER		5	PC	11 g	10,5	DIN7349
	450	000000001039	HEX SCREW		5	PC	29,8 g	M 10 X 40	ISO4017
	550	X54808300021	ADDIT. FUEL FILTER		1	PC	6,355 kg		
	600	007603016105	COPPER SEALING RING		2	PC	3 g	A 16 X 20	DIN7603
	650	000908016001	THREADED PLUG		2	PC	0,02 kg	M 16 X 1,5	DIN908
	660	007603018101	COPPER SEALING RING		2	PC	1,3 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 g	1 KAR = 12 ST Å 50 ML	MMN377B
	750	X54799100089	SCREW-FITTING UNION		2	PC	207 g		
	800	700429042002	O-RING		2	PC	3,8 g	42 X 4	MMN429
	840	200433008400	WASHER		3	PC	1,5 g	8,4	DIN433
	850	304017008082	HEX SCREW		3	PC	14,9 g	M 8 X 30	ISO4017
	950	007349008002	WASHER		3	PC	7,9 g	8,4	DIN7349
	1000	304017008082	HEX SCREW		2	PC	14,9 g	M 8 X 30	ISO4017
	1010	204014008000	HEX SCREW		1	PC	29,8 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 g	A 16 X 20	DIN7603
	1200	000908016001	THREADED PLUG		2	PC	0,02 kg	M 16 X 1,5	DIN908
	1210	007603018101	COPPER SEALING RING		2	PC	1,3 g	A 18 X 22	DIN7603
	1220	000908018002	PLUG		2	PC	0,029 kg	M 18 X 1,5	DIN908
	1250	40033	SEALANT PIPE THREAD LOCTITE 586 HENKEL LOCTITE 586		1	PC	80 g	1 KAR = 12 ST Å 50 ML	MMN377B
	1300	X54799100089	SCREW-FITTING UNION		2	PC	207 g		
	1350	700429042002	O-RING		2	PC	3,8 g	42 X 4	MMN429
	1390	200433008400	WASHER		3	PC	1,5 g	8,4	DIN433
	1400	304017008082	HEX SCREW		3	PC	14,9 g	M 8 X 30	ISO4017
	1500	007349008002	WASHER		3	PC	7,9 g	8,4	DIN7349
	1550	304017008082	HEX SCREW		2	PC	14,9 g	M 8 X 30	ISO4017
	1560	204014008000	HEX SCREW		1	PC	29,8 g	M 8 X 70	ISO4014
	1570	X56999100506	SPACER SLEEVE		1	PC	0,096 kg		
	1650	X54708300026	BLANKING PLATE		1	PC	1,154 kg		
	1700	700429042002	O-RING		2	PC	3,8 g	42 X 4	MMN429
	1710	200433008400	WASHER		3	PC	1,5 g	8,4	DIN433
	1750	204017008017	HEX SCREW		3	PC	16,4 g	M 8 X 35	ISO4017
	1800	0004204655	VENT VALVE		1	PC	11 g		



08300731

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT
	50	X59408300081	EASY-CHANGE FILTER	4µm>=99,95% (G1)	4	PC	2,15 kg

GROUP SEGMENT (FGS)

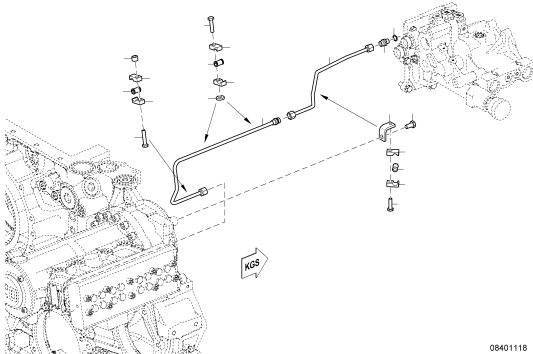
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BOM-No.

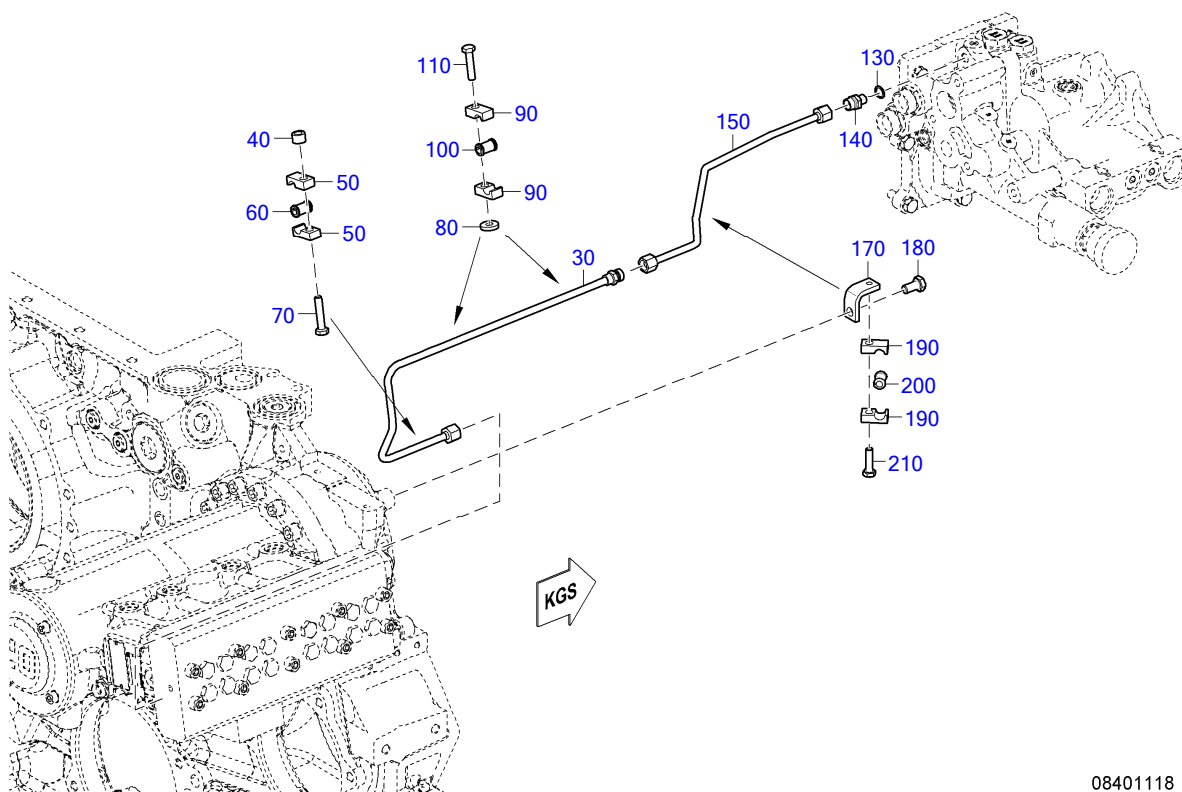
10

FUEL RETURN LINE FOR HP PUMP

XS547080.00151



08401118



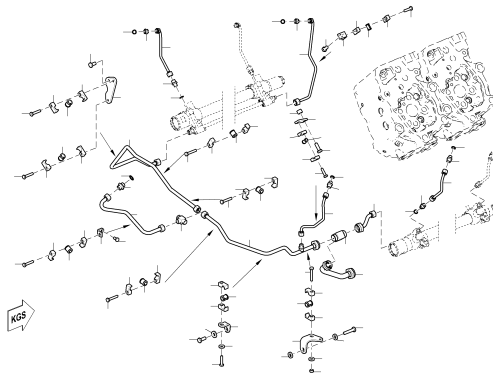
08401118

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	30	X54708600024	FUEL LINE	1	PC	129 g		
	40	5901750251	SPACER	1	PC	8,8 g		
	50	700325012100	CLAMP HALF TUBE 1/1 D9-12	2	PC	25 g	1/1 D 9 - 12	MMN325
	60	700327008000	GROMMET	1	PC	1,7 g	8	MMN327
	70	304017008085	HEX SCREW	1	PC	18 g	M 8 X 40	ISO4017
	80	007349008002	WASHER	2	PC	7,9 g	8,4	DIN7349
	90	700325012100	CLAMP HALF TUBE 1/1 D9-12	4	PC	25 g	1/1 D 9 - 12	MMN325
	100	700327008000	GROMMET	2	PC	1,7 g	8	MMN327
	110	304017008084	HEX SCREW	2	PC	16,4 g	M 8 X 35	ISO4017
	130	007603012102	WASHER A COP	1	PC	0,8 g	A 12 X 16	DIN7603
	140	915013006002	UNION	1	PC	19,6 g	6	N15013
	150	X54708600023	FUEL LINE	1	PC	0,126 kg		
	170	5551870640	RETAINER	1	PC	54,9 g		
	180	000000003020	HEX SCREW	1	PC	20 g	M 10 X 20	ISO4017
	190	700325012100	CLAMP HALF TUBE 1/1 D9-12	2	PC	25 g	1/1 D 9 - 12	MMN325
	200	700327008000	GROMMET	1	PC	1,7 g	8	MMN327
	210	304017008083	HEX SCREW	1	PC	15,1 g	M 8 X 30	ISO4017

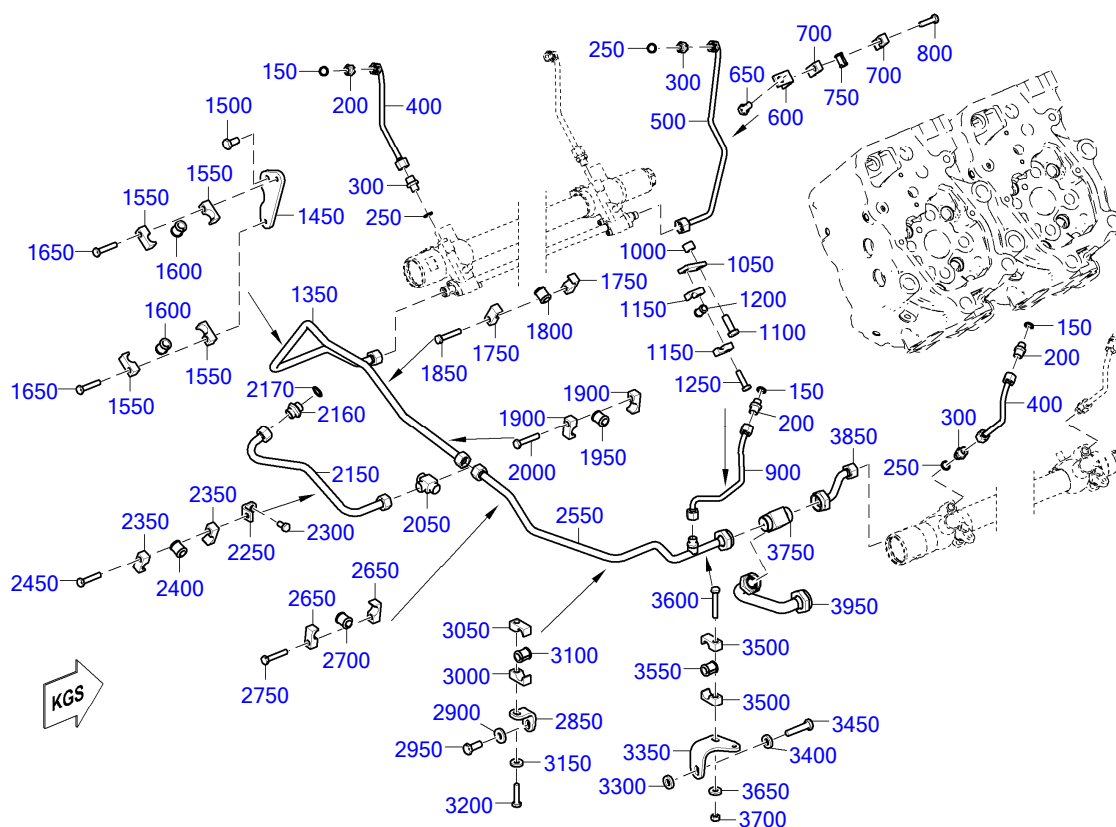
GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.

05
FUEL RETURN
XS548080.00026

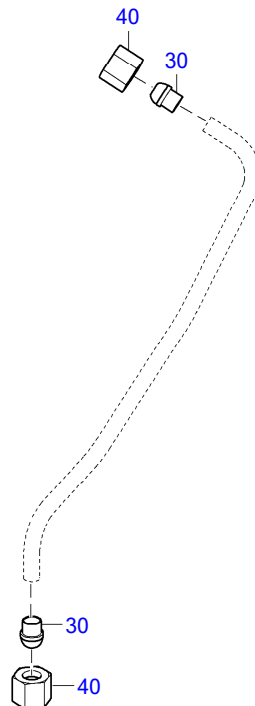
08600563



08600563

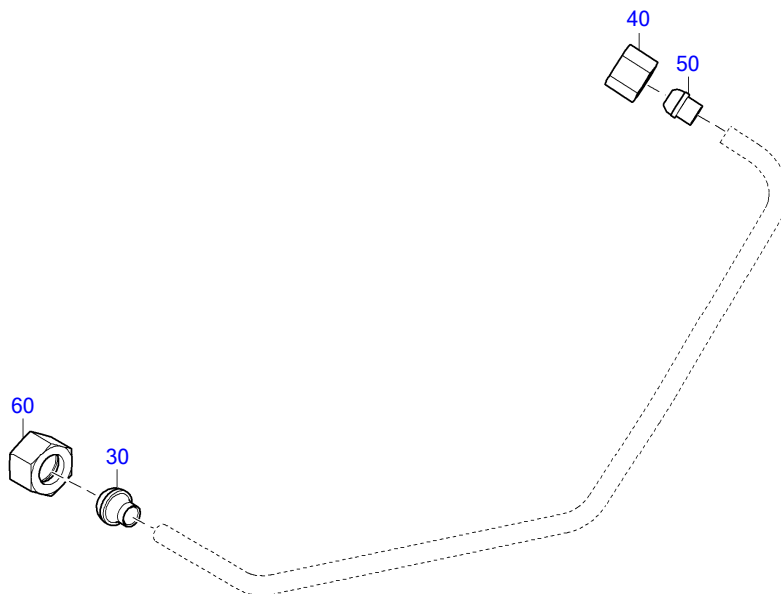
	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	150	007603012108	SEALING RING	14	PC	0,5 g		A 12 X 15,5	DIN7603
	200	207647008001	UNION	14	PC	0,02 kg		A 8	DIN7647
	250	007603012108	SEALING RING	16	PC	0,5 g		A 12 X 15,5	DIN7603
	300	207647008001	UNION	16	PC	0,02 kg		A 8	DIN7647
	400	X54708600099	FUEL RETURN LINE	14	PC	0,065 kg			
101	500	X54708600098	FUEL RETURN LINE	1	PC	0,118 kg			
	600	5551870640	RETAINER	1	PC	54,9 g			
	650	000000003020	HEX SCREW	1	PC	20 g		M 10 X 20	ISO4017
	700	700325012100	CLAMP HALF TUBE 1/1 D9-12	2	PC	25 g		1/1 D 9 - 12	MMN325
	750	700327008000	GROMMET	1	PC	1,7 g		8	MMN327
	800	304017008083	HEX SCREW	1	PC	15,1 g		M 8 X 30	ISO4017
100	900	X54708600097	FUEL RETURN LINE	1	PC	0,082 kg			
	1000	5511531550	SPACER BUSHING	1	PC	16,2 g			
	1050	135M55009/1	STRAP 75 X20	1	PC	62,1 g			
	1100	000000001464	HEX SCREW	1	PC	24,9 g		M 10 X 30	ISO4017
	1150	700325012100	CLAMP HALF TUBE 1/1 D9-12	2	PC	25 g		1/1 D 9 - 12	MMN325
	1200	700327008000	GROMMET	1	PC	1,7 g		8	MMN327
	1250	304017008083	HEX SCREW	1	PC	15,1 g		M 8 X 30	ISO4017
	1350	X54708600001	FUEL RETURN LINE	1	PC	291,9 g	SB		
	1450	X54708600006	RETAINER	1	PC	247,6 g			
	1500	000000003020	HEX SCREW	1	PC	20 g		M 10 X 20	ISO4017
	1550	700325018100	CLAMP HALF TUBE 1/1 D9-18	4	PC	40 g		1/1 D 9 - 18	MMN325
	1600	700327012000	GROMMET	2	PC	4,6 g		12	MMN327
	1650	304017008085	HEX SCREW	2	PC	18 g		M 8 X 40	ISO4017
	1750	700325018100	CLAMP HALF TUBE 1/1 D9-18	2	PC	40 g		1/1 D 9 - 18	MMN325

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	1800	700327012000	GROMMET	1	PC	4,6 g		12	MMN327
	1850	304017008085	HEX SCREW	1	PC	18 g		M 8 X 40	ISO4017
	1900	700325018100	CLAMP HALF TUBE 1/1 D9-18	2	PC	40 g		1/1 D 9 - 18	MMN325
	1950	700327012000	GROMMET	1	PC	4,6 g		12	MMN327
	2000	304017008085	HEX SCREW	1	PC	18 g		M 8 X 40	ISO4017
	2050	5569970774	FITTING TEE	1	PC	75 g		DN 10 / M18X1,5	
	2150	X54708600002	FUEL RETURN LINE	1	PC	144,8 g	SB		
	2160	915007010001	CONNECTOR 10/8	1	PC	33,1 g		10 / 8	N15007
	2170	007603016105	COPPER SEALING RING	1	PC	3 g		A 16 X 20	DIN7603
	2250	5502030043	ANGLE	1	PC	31 g		H023	
	2300	304017008077	HEX SCREW	1	PC	10,5 g		M 8 X 16	ISO4017
	2350	700325018100	CLAMP HALF TUBE 1/1 D9-18	2	PC	40 g		1/1 D 9 - 18	MMN325
	2400	700327012000	GROMMET	1	PC	4,6 g		12	MMN327
	2450	304017008084	HEX SCREW	1	PC	16,4 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 g		1/1 D 9 - 18	MMN325
	2700	700327012000	GROMMET	1	PC	4,6 g		12	MMN327
	2750	304017008085	HEX SCREW	1	PC	18 g		M 8 X 40	ISO4017
	2850	X59408100017	RETAINER FOR FUEL LINE	1	PC	64,9 g			
	2900	007349010002	WASHER	1	PC	11 g		10,5	DIN7349
	2950	000000003021	HEX SCREW	1	PC	22,8 g		M 10 X 25	ISO4017
	3000	700325018100	CLAMP HALF TUBE 1/1 D9-18	1	PC	40 g		1/1 D 9 - 18	MMN325
	3050	700325018200	CLAMP HALF TUBE 1/1 G8-18	1	PC	40 g		1/1 G 8 - 18	MMN325
	3100	700327012000	GROMMET	1	PC	4,6 g		12	MMN327
	3150	007349008002	WASHER	1	PC	7,9 g		8,4	DIN7349
	3200	304017008084	HEX SCREW	1	PC	16,4 g		M 8 X 35	ISO4017
	3300	735151010100	SPACER	1	PC	11 g		A 10,5	MTN5151
	3350	X59308600005	BRACKET	1	PC	174,5 g			
	3400	735151010100	SPACER	1	PC	11 g		A 10,5	MTN5151
	3450	304017010035	HEX SCREW	1	PC	32,1 g		M 10 X 45	ISO4017
	3500	700325018100	CLAMP HALF TUBE 1/1 D9-18	2	PC	40 g		1/1 D 9 - 18	MMN325
	3550	700327012000	GROMMET	1	PC	4,6 g		12	MMN327
	3600	304017008087	HEX SCREW	1	PC	21,3 g		M 8 X 50	ISO4017
	3650	007349008002	WASHER	1	PC	7,9 g		8,4	DIN7349
	3700	304032008014	NUT HEX 8 A3C	1	PC	4,8 g		M 8	ISO4032
	3750	5569970274	FITTING TEE	1	PC	190 g		DN 16 / M26X1,5	
	3850	X00040958	TUBE FUEL RETURN 87. 391	1	PC	110 g	SB		
	3950	X00040966	TUBE FUEL RETURN	1	PC	237,2 g	SB		



TD0000015297_086

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	30	915003006202	UNION BALL B2-8	2	PC	0,011 kg	B2 - 8	MBN15003
	40	915001006003	NUT	2	PC	12,5 g	6 M 14 X 1,5	N15001



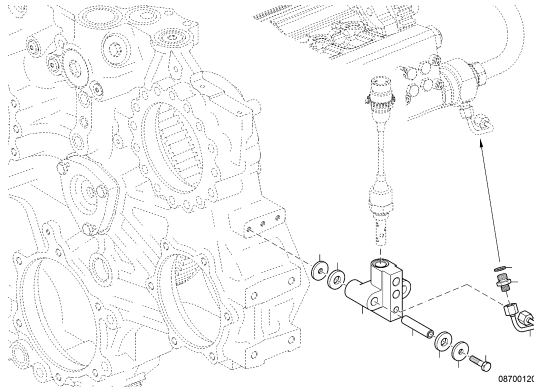
TD0000015299_086

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	30	915003006202	UNION BALL B2-8	1	PC	0,011 kg	B2 - 8	MBN15003
	40	915001006003	NUT	1	PC	12,5 g	6 M 14 X 1,5	N15001
	50	915004010202	SEALING CONE	1	PC	8,8 g	B2 -12/8	MBN15004
	60	915001010004	NUT	1	PC	20 g	10 M 18 X 1,5	N15001

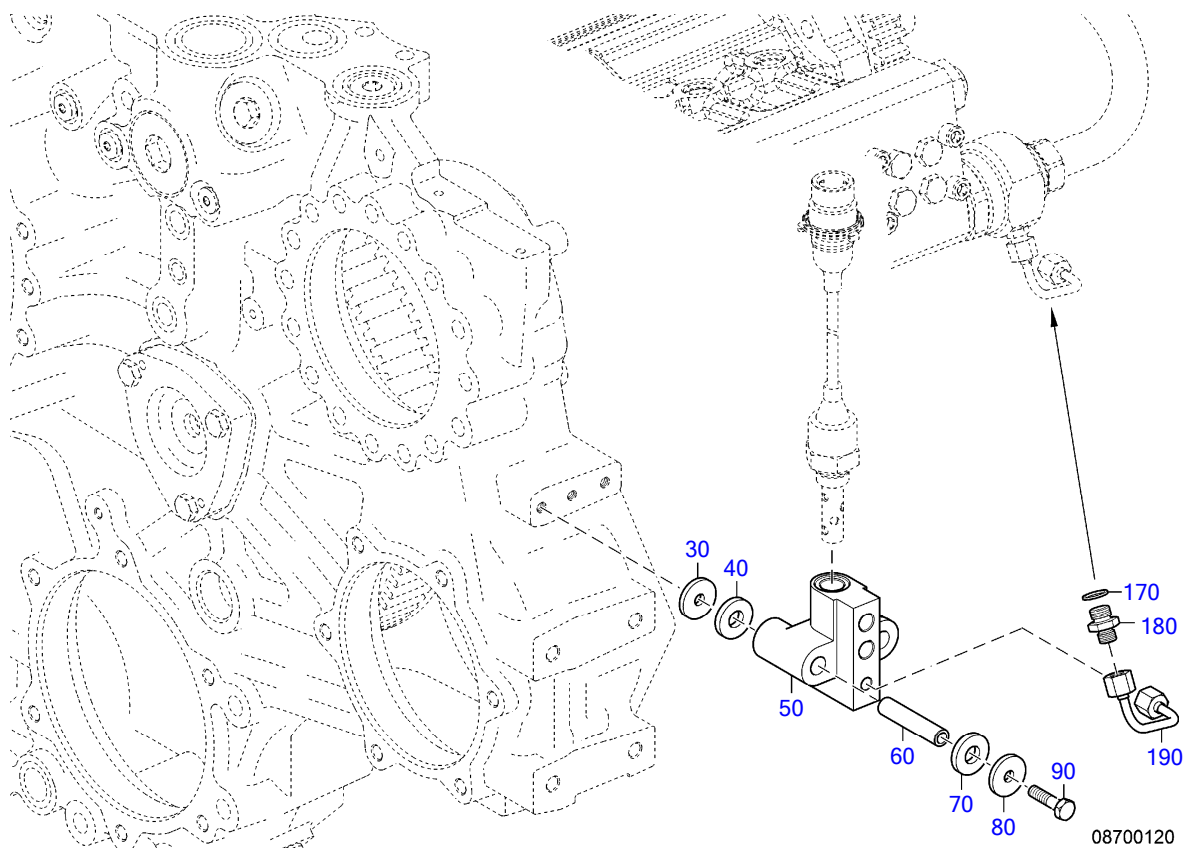
GROUP SEGMENT (FGS)

GROUP NAME

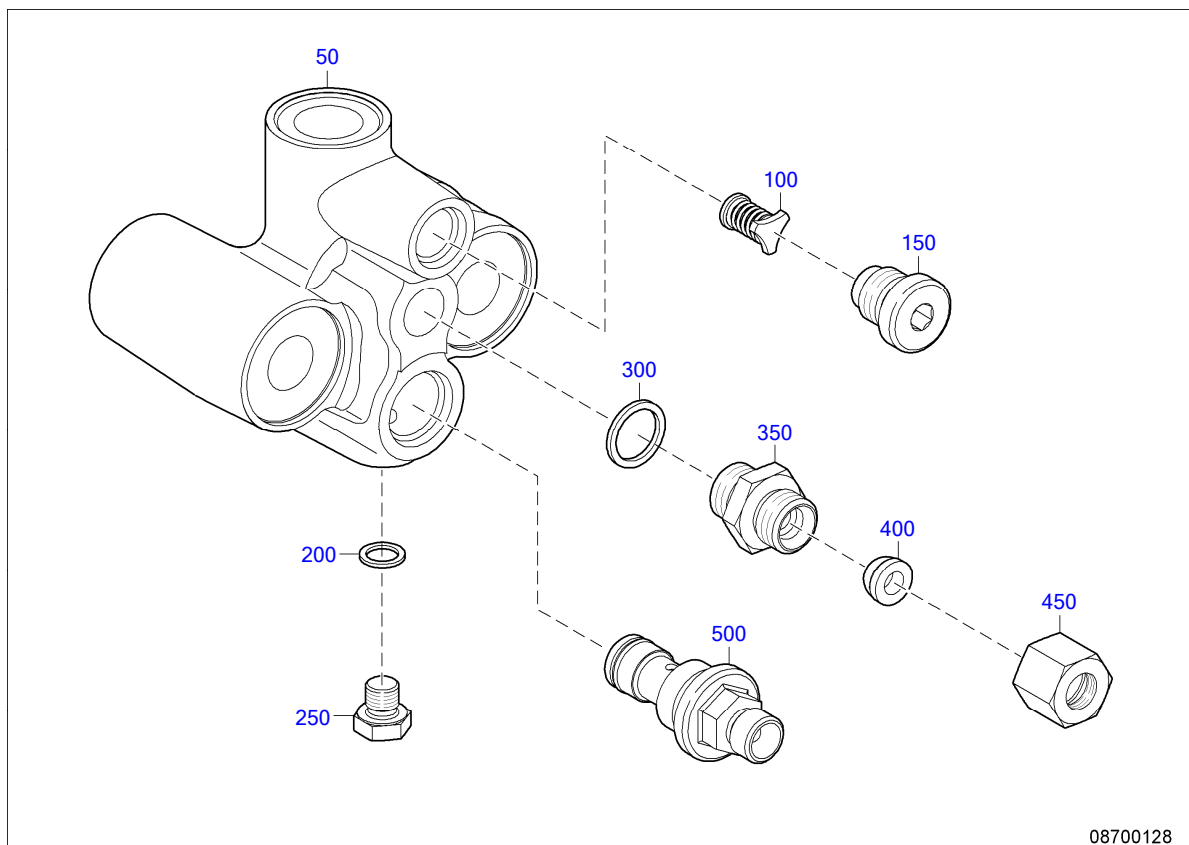
BOM-No.



05
FUEL LEAK MONITORING
XS548080.00035



	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	30	X59399100034	WASHER	2	PC	19,6 g		
	40	X59399100051	DAMPER ELEMENT	2	PC	0,037 g	30X13X5 90SH	
104	50	X54708700014	LEAK SENSOR HOUSING	1	PC	1,282 kg		
	60	X59399100036	SPACER SLEEVE	2	PC	36,4 g	8,5 X 62	
	70	X59399100051	DAMPER ELEMENT	2	PC	0,037 g	30X13X5 90SH	
	80	X59399100034	WASHER	2	PC	19,6 g		
	90	304014008032	HEX SCREW	2	PC	34,1 g	M 8 X 80	ISO4014
	170	007603010110	WASHER A COP	1	PC	0,3 g	A 10 X 13,5	DIN7603
	180	915013004002	UNION	1	PC	14 g	4	N15013
	190	X54808700002	FUEL LINE	1	PC	0,055 kg		



08700128

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	50	X54708700013	LEAK SENSOR HOUSING	1	PC	1,07 kg		
	100	X52999100033	VALVE FOR LEAK-OFF FUEL	1	PC	4 g	ITL8L 0.2BAR	
	150	X54799100978	PLUG	1	PC	23 g		
	200	007603008109	WASHER A COP	2	PC	0,3 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 g	A 14 X 18	DIN7603
	350	915006006002	UNION	1	PC	23,1 g	6	N15006
	400	915005006000	CONE SEALING 8	1	PC	3,1 g	8	MBN15005
	450	915001006003	NUT	1	PC	12,5 g	6 M 14 X 1,5	N15001
	500	X54708600029	VALVE WITH BAFFLE	1	PC	61 g	M18X1,5/1BAR/1MM	

GROUP SEGMENT (FGS)

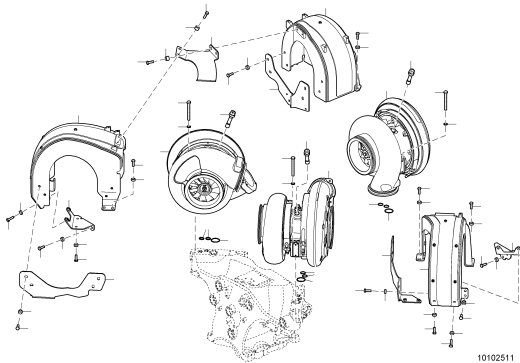
GROUP NAME

BOM-No.

01

EXHAUST TURBOCHARGER

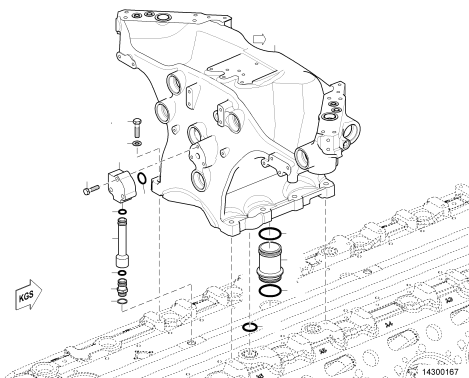
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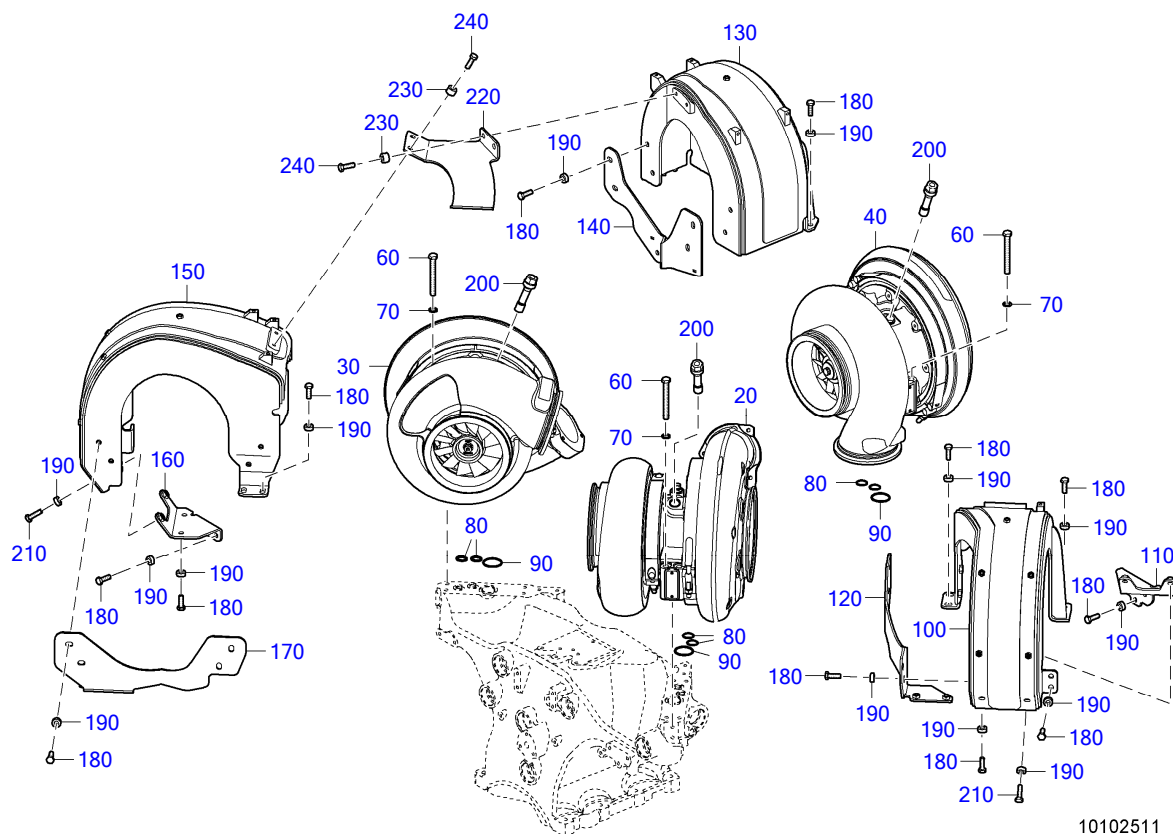


02

ETC CARRIER LOW-PRESSURE

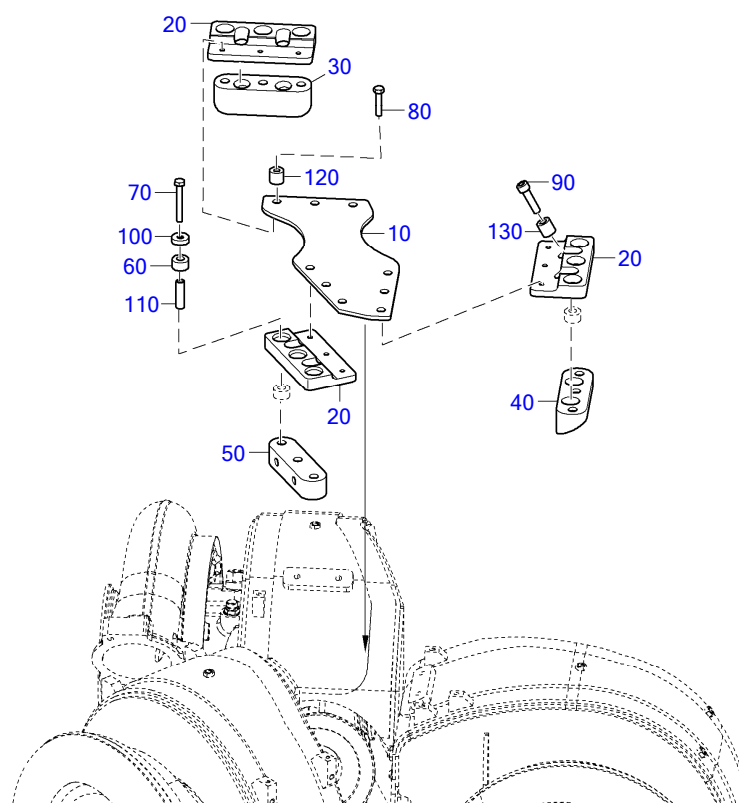
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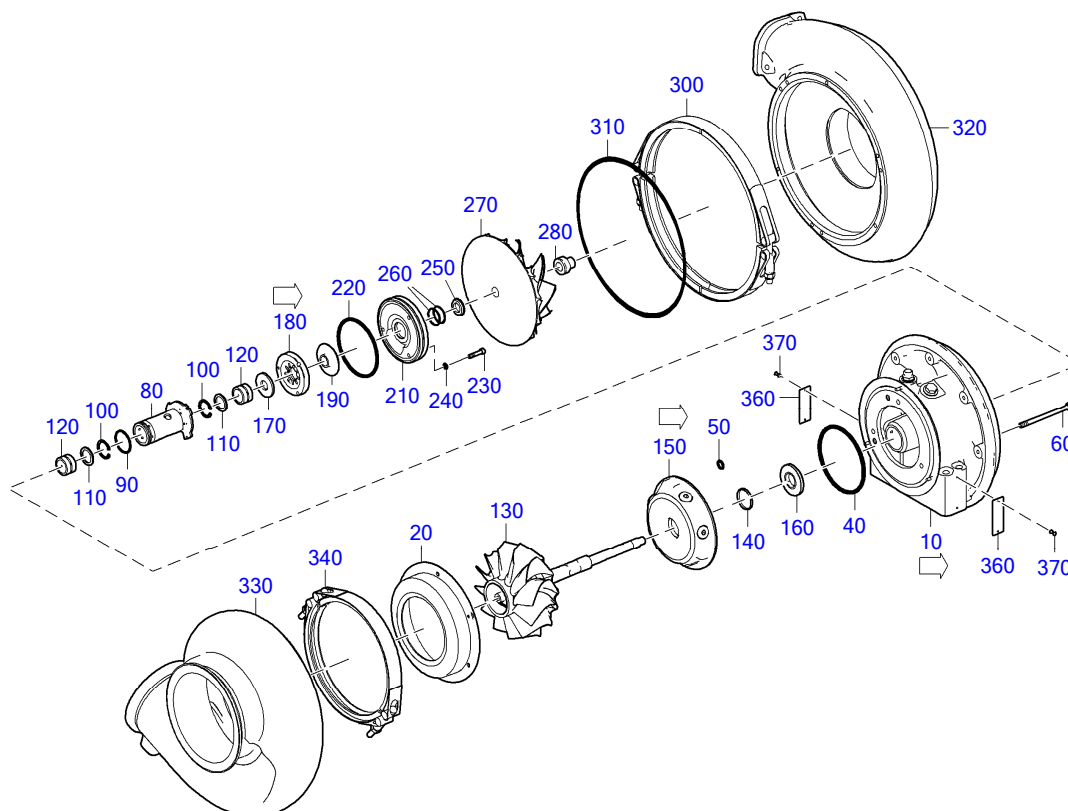
10102511

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
108	20	XT3610100375	EXHAUST TURBOCHARGER LEFT	1	PC	92,4 kg	EM		
114	30	XT3610100376	EXHAUST TURBOCHARGER RIGHT	1	PC	91,8 kg	EM		
115	40	XT3610100377	EXHAUST TURBOCHARGER MIDDLE	1	PC	92,4 kg	EM		
	60	000000002967	HEX SCREW	12	PC	89,4 g		M 12 X105	ISO4017
	70	200433013000	WASHER	12	PC	2,5 g		13	DIN433
	80	700429018004	O-RING	6	PC	3 g		18 X 5	MMN429
	90	700429036001	O-RING	3	PC	5,5 g		36 X 5	MMN429
	100	X54910100127	HEAT SHIELD F/TURBOCHARGER	1	PC	22,12 kg	SB		
	110	X54910100128	RETAINER FOR HEAT SHIELD	1	PC	0,867 kg	SB		
	120	X54910100133	HEAT SHIELD F/TURBOCHARGER	1	PC	2,04 kg			
	130	X54910100114	HEAT SHIELD F/TURBOCHARGER	1	PC	25,63 kg			
	140	X54910100108	HEAT SHIELD F/TURBOCHARGER	1	PC	1,89 kg	SB		EN10029
	150	X54910100130	HEAT SHIELD F/TURBOCHARGER	1	PC	25,76 kg	SB		
	160	X54910100134	RETAINER FOR HEAT SHIELD	1	PC	765 g			
	170	X54910100131	HEAT SHIELD F/TURBOCHARGER	1	PC	2,1 kg	SB		
	180	304017010038	HEX SCREW	40	PC	24,9 g		M 10 X 30	ISO4017
	190	207989011200	WASHER	44	PC	12,7 g		A 10	DIN7989-2
	200	5249920020	SLEEVE	3	PC	168,1 g			
	210	204017010017	HEX SCREW	4	PC	27,5 g		M 10 X 35	ISO4017
107	220	X54799101433	CONNECTING PIECE FOR HEAT SHIELD	1	PC	9,95 kg			



TD0000015377_101

☐	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 g		
	60	X59499100034	RUBBER MOUNT	18	PC	7,5 g		
	70	304017008089	HEX SCREW	9	PC	24,2 g	M 8 X 60	ISO4017
	80	304017008085	HEX SCREW	9	PC	18 g	M 8 X 40	ISO4017
	90	000912010064	BOLT HEX SOC HD	6	PC	31,6 g	M 10 X 40	DIN912
	100	X59399100022	WASHER	9	PC	21,4 g		
	110	X59402800013	SPACER SLEEVE	9	PC	20 g		
	120	X54999100175	SPACER SLEEVE	9	PC	37 g		
	130	X89430900001	SPACER SLEEVE	6	PC	35 g		



10102451

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
109	10	XT3610100175	BEARING HOUSING F/TURBOCHARGER	1	PC	20,5 kg			
	20	XT3610100023	HEAT SHIELD	1	PC	1,938 kg			
	40	700429126001	O-RING	1	PC	11 g	126 X 4		MMN429
	50	X52810100137	O-RING	2	PC	0,4 g	13,7X2,26		
	60	000931008257	HEX SCREW	3	PC	47,6 g	M 8 X115		DIN931
	80	X59610100254	BEARING BODY	1	PC	388 g			
	90	700429038002	O-RING	1	PC	0,8 g	38 X 2		MMN429
	100	5119940041	RING SNAP	2	PC	2,8 g	34 X 1,5		DIN472
	110	X59599100058	WASHER	2	PC	7,7 g			
	120	X00016599	BEARING BUSHING	2	PC	67,7 g			
	130	5110804920	TURBINE WHEEL	1	PC	6,8 kg	EM		
	140	5110850560	RING SEAL	1	PC	5,7 g			
111	150	X52810100111	HOUSING COVER	1	PC	2,8 kg			
	160	5110251976	WASHER	1	PC	67,7 g			
	170	X00010427	WASHER	1	PC	45,7 g			
112	180	XT3610100048	THRUST BEARING	1	PC	349,4 g			
	190	X00010428	WASHER	1	PC	56,4 g			
	210	X59610100237	RETAINING RING	1	PC	1,22 kg			
	220	700429105001	O-RING	1	PC	7,1 g	105 X 3,5		MMN429
	230	000912006028	SCREW	3	PC	7,8 g	M 6 X 30		DIN912
	240	200433006400	WASHER	3	PC	0,6 g	6,4		DIN433
	250	X00010426	RING CARRIER	1	PC	18,1 g			
	260	5100850060	RING SEAL	2	PC	1,8 g			
	270	X52810100072	COMPRESSOR WHEEL	1	PC	3,2 kg	EM		
	280	X00018161	NUT	1	PC	78,7 g	M16X1.5 LH		

EQUI TYPE: Engine

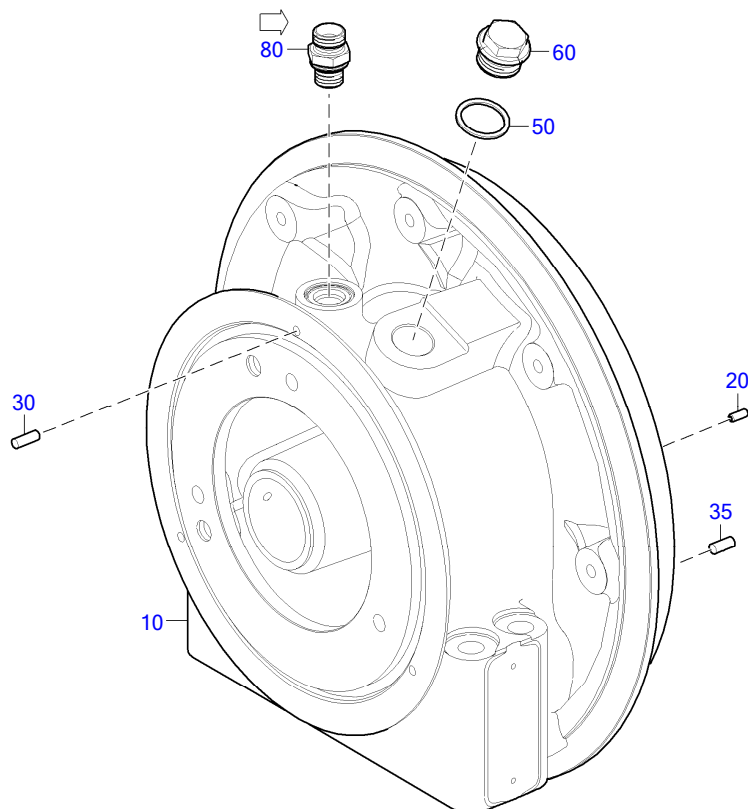
PRODUCT TYPE: 16V4000C65
EXHAUST TURBOCHARGER LEFT

SERIAL NUMBER: 5482000021

FG/FGS:

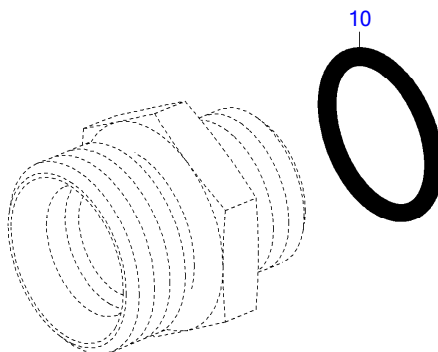
BOM-No.: XT3610100375

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	300	XT3669600001	CLAMP		1	PC	2,9 kg			
	310	700429300000	O-RING		1	PC	39,9 g	300 X 5		MMN429
	320	XT3610100437	COMPRESSOR HOUSING		1	PC	29,4 kg	EM		
	330	XT3610100093	TURBINE HOUSING W/INSULATION	A/R=3,9	1	PC	22,094 kg	EM		
	340	X52810100092	V-BAND CLAMP	ZR205	1	PC	1,133 kg			
	360	700425000049	PLATE		2	PC	3,9 g	39		MMN425
	370	215977003000	BLIND RIVET		4	PC	1 g	3X8		ISO15977



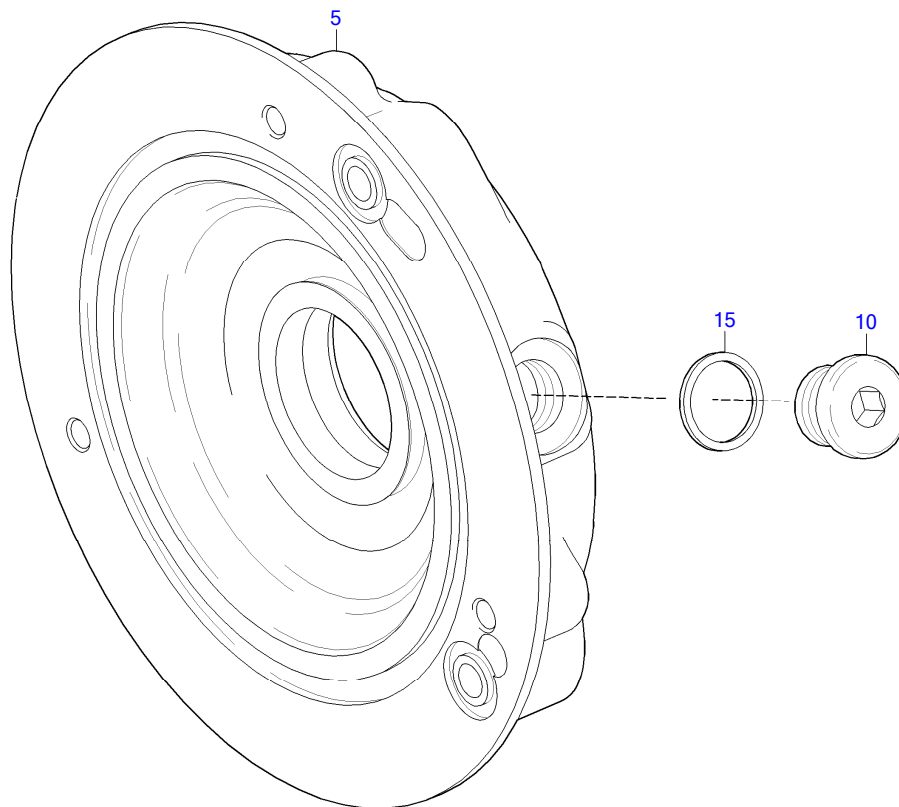
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	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	XT3610100174	BEARING HOUSING F/TURBOCHARGER	T36	1	PC	19,941 kg		
	20	001481004000	PIN SPRING		2	PC	0,6 g	4 X 10 - N	ISO8752
	30	000007005106	DOWEL PIN		3	PC	2 g	5 M6 X 14	DIN7
	35	000007006107	DOWEL PIN		3	PC	2,4 g	6 M6 X 10	DIN7
	50	007603022103	SEALING RING		1	PC	1,8 g	A 22 X 27	DIN7603
	60	007604022200	PLUG		1	PC	44,5 g	C M 22 X 1,5	DIN7604
110	80	735211010000	UNION		1	PC	0,029 kg	10M 14 X 1,5	MTN5211



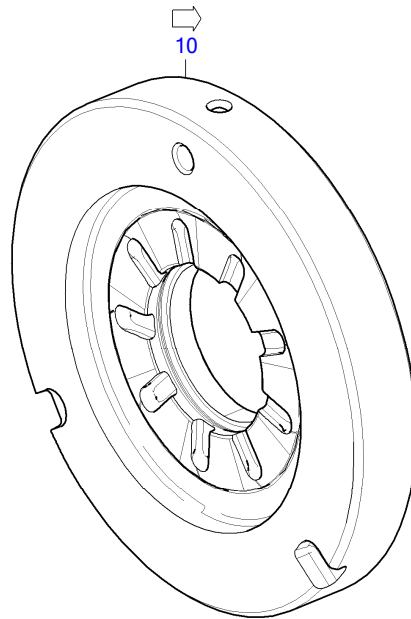
TD0000022423

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	735221011000	O-RING	1	PC	0,3 g	11,3 X 2,2 - M14X1,5	MTN5221



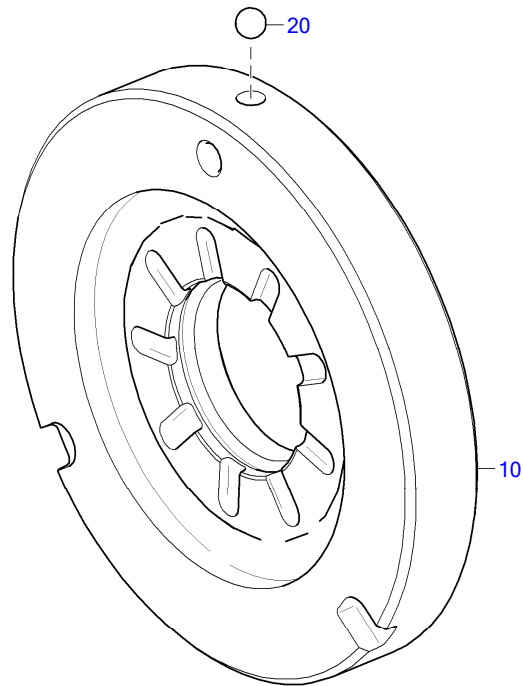
10100898a

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	5	X52810100122	HOUSING COVER	1	PC	2,582 kg		
	10	000908018002	PLUG	5	PC	0,029 kg	M 18 X 1,5	DIN908
	15	007603018101	COPPER SEALING RING	5	PC	1,3 g	A 18 X 22	DIN7603



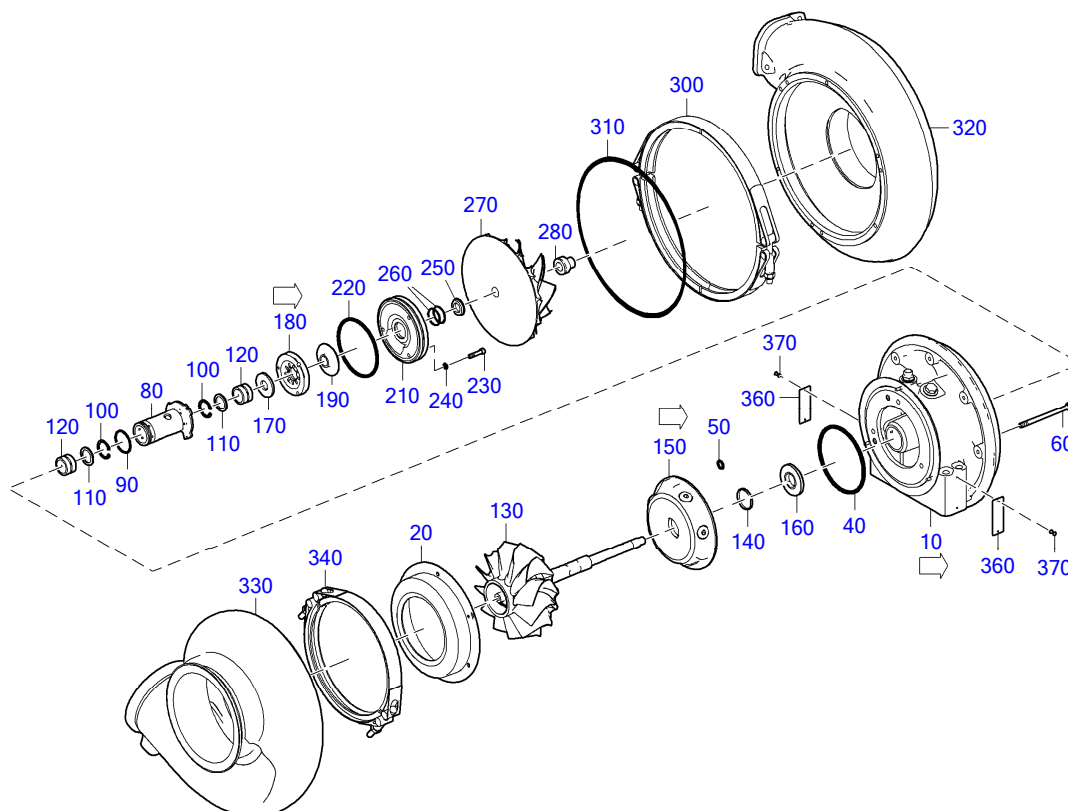
10102033

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
113	10	X59610100189	THRUST BEARING F/TURBOCHARGER	1	PC	350,1 g



10101447

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	X59610100188	THRUST BEARING F/TURBOCHARGER	1	PC			
	20	005401304000	BALL	1	PC	0,3 g	4G20	DIN5401



10102451

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
109	10	XT3610100175	BEARING HOUSING F/TURBOCHARGER	1	PC	20,5 kg			
	20	XT3610100023	HEAT SHIELD	1	PC	1,938 kg			
	40	700429126001	O-RING	1	PC	11 g	126 X 4		MMN429
	50	X52810100137	O-RING	2	PC	0,4 g	13,7X2,26		
	60	000931008257	HEX SCREW	3	PC	47,6 g	M 8 X115		DIN931
	80	X59610100254	BEARING BODY	1	PC	388 g			
	90	700429038002	O-RING	1	PC	0,8 g	38 X 2		MMN429
	100	5119940041	RING SNAP	2	PC	2,8 g	34 X 1,5		DIN472
	110	X59599100058	WASHER	2	PC	7,7 g			
	120	X00016599	BEARING BUSHING	2	PC	67,7 g			
	130	5110804920	TURBINE WHEEL	1	PC	6,8 kg	EM		
	140	5110850560	RING SEAL	1	PC	5,7 g			
111	150	X52810100111	HOUSING COVER	1	PC	2,8 kg			
	160	5110251976	WASHER	1	PC	67,7 g			
	170	X00010427	WASHER	1	PC	45,7 g			
112	180	XT3610100048	THRUST BEARING	1	PC	349,4 g			
	190	X00010428	WASHER	1	PC	56,4 g			
	210	X59610100237	RETAINING RING	1	PC	1,22 kg			
	220	700429105001	O-RING	1	PC	7,1 g	105 X 3,5		MMN429
	230	000912006028	SCREW	3	PC	7,8 g	M 6 X 30		DIN912
	240	200433006400	WASHER	3	PC	0,6 g	6,4		DIN433
	250	X00010426	RING CARRIER	1	PC	18,1 g			
	260	5100850060	RING SEAL	2	PC	1,8 g			
	270	X52810100072	COMPRESSOR WHEEL	1	PC	3,2 kg	EM		
	280	X00018161	NUT	1	PC	78,7 g	M16X1.5 LH		

EQUI TYPE: Engine

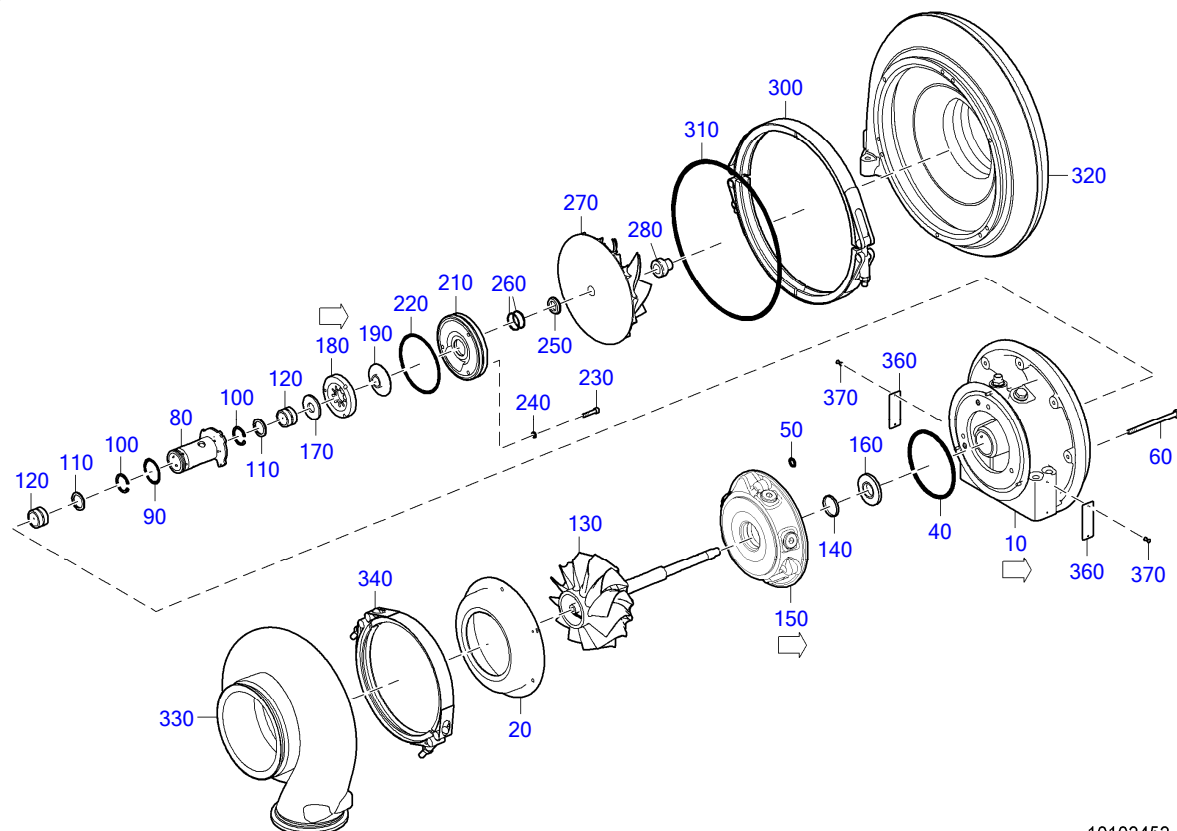
PRODUCT TYPE: 16V4000C65
EXHAUST TURBOCHARGER RIGHT

SERIAL NUMBER: 5482000021

FG/FGS:

BOM-No.: XT3610100376

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	300	XT3669600001	CLAMP		1	PC	2,9 kg			
	310	700429300000	O-RING		1	PC	39,9 g	300 X 5		MMN429
	320	XT3610100437	COMPRESSOR HOUSING		1	PC	29,4 kg	EM		
	330	XT3610100093	TURBINE HOUSING W/INSULATION	A/R=3,9	1	PC	22,094 kg	EM		
	340	X52810100092	V-BAND CLAMP	ZR205	1	PC	1,133 kg			
	360	700425000049	PLATE		2	PC	3,9 g	39		MMN425
	370	215977003000	BLIND RIVET		4	PC	1 g	3X8		ISO15977



10102452

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	109	10	XT3610100175	BEARING HOUSING F/TURBOCHARGER	1	PC	20,5 kg			
		20	XT3610100023	HEAT SHIELD	1	PC	1,938 kg			
		40	700429126001	O-RING	1	PC	11 g	126 X 4		MMN429
		50	X52810100137	O-RING	2	PC	0,4 g	13,7X2,26		
		60	000931008257	HEX SCREW	3	PC	47,6 g	M 8 X115		DIN931
		80	X59610100254	BEARING BODY	1	PC	388 g			
		90	700429038002	O-RING	1	PC	0,8 g	38 X 2		MMN429
		100	5119940041	RING SNAP	2	PC	2,8 g	34 X 1,5		DIN472
		110	X59599100058	WASHER	2	PC	7,7 g			
		120	X00016599	BEARING BUSHING	2	PC	67,7 g			
		130	5110804920	TURBINE WHEEL	1	PC	6,8 kg	EM		
		140	5110850560	RING SEAL	1	PC	5,7 g			
	111	150	X52810100111	HOUSING COVER	1	PC	2,8 kg			
		160	5110251976	WASHER	1	PC	67,7 g			
		170	X00010427	WASHER	1	PC	45,7 g			
	112	180	XT3610100048	THRUST BEARING	1	PC	349,4 g			
		190	X00010428	WASHER	1	PC	56,4 g			
		210	X59610100237	RETAINING RING	1	PC	1,22 kg			
		220	700429105001	O-RING	1	PC	7,1 g	105 X 3,5		MMN429
		230	000912006028	SCREW	3	PC	7,8 g	M 6 X 30		DIN912
		240	200433006400	WASHER	3	PC	0,6 g	6,4		DIN433
		250	X00010426	RING CARRIER	1	PC	18,1 g			
		260	5100850060	RING SEAL	2	PC	1,8 g			
		270	X52810100072	COMPRESSOR WHEEL	1	PC	3,2 kg	EM		
		280	X00018161	NUT	1	PC	78,7 g	M16X1.5 LH		

EQUI TYPE: Engine

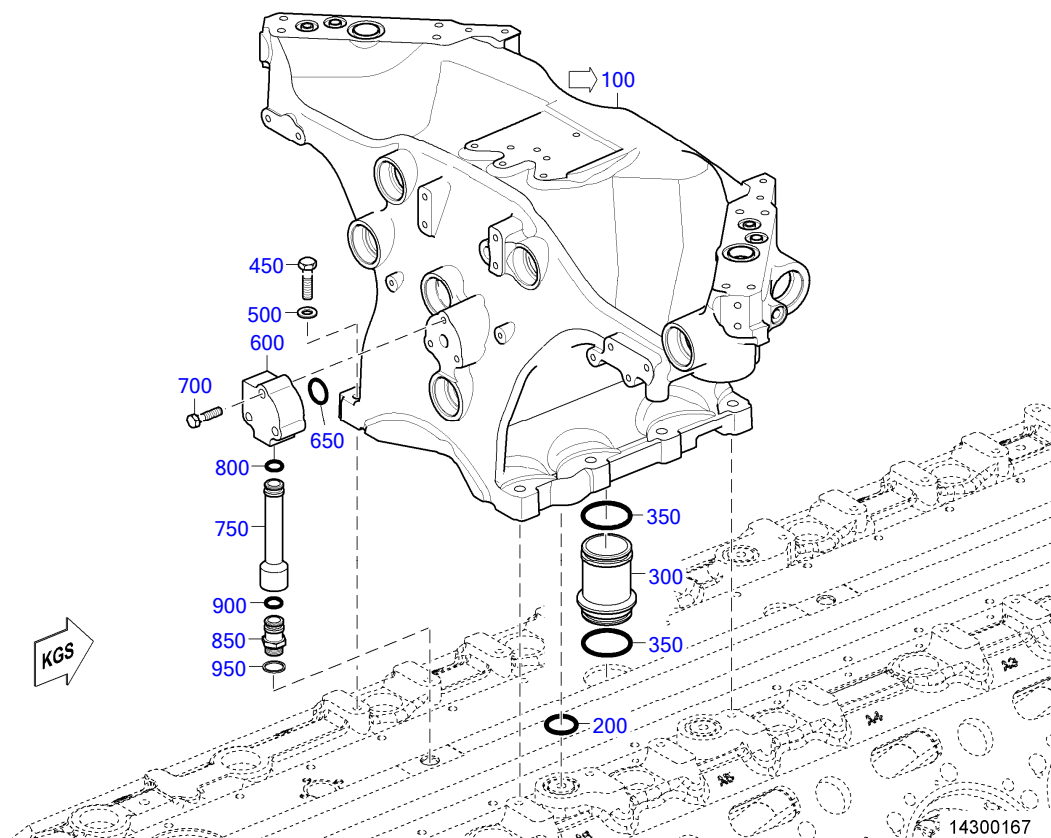
PRODUCT TYPE: 16V4000C65
EXHAUST TURBOCHARGER MIDDLE

SERIAL NUMBER: 5482000021

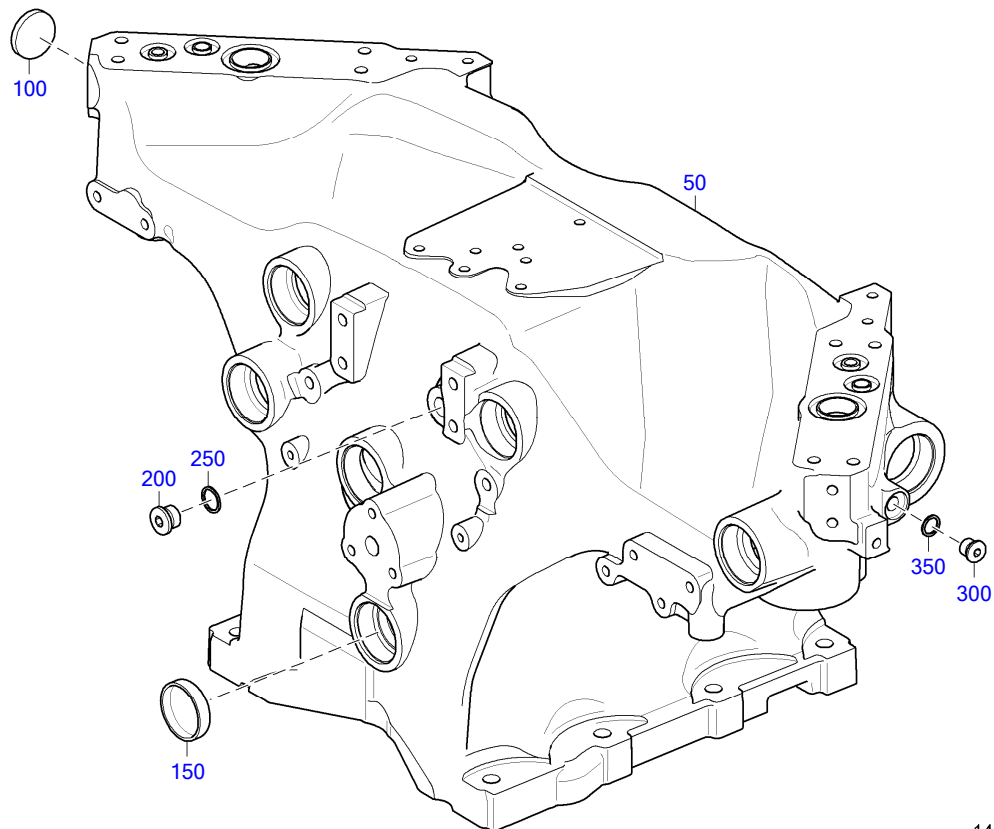
FG/FGS:

BOM-No.: XT3610100377

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	300	XT3669600001	CLAMP		1	PC	2,9 kg			
	310	700429300000	O-RING		1	PC	39,9 g	300 X 5		MMN429
	320	XT3610100437	COMPRESSOR HOUSING		1	PC	29,4 kg	EM		
	330	XT3610100093	TURBINE HOUSING W/INSULATION	A/R=3,9	1	PC	22,094 kg	EM		
	340	X52810100092	V-BAND CLAMP	ZR205	1	PC	1,133 kg			
	360	700425000049	PLATE		2	PC	3,9 g	39		MMN425
	370	215977003000	BLIND RIVET		4	PC	1 g	3X8		ISO15977



	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
117	100	X54710200006	TC CARRIER LOW PRESSURE	1	PC	129,027 kg		
	200	700429033001	O-RING	1	PC	5,1 g	33 X 5	MMN429
	300	X54799100038	PLUG-IN PIPE FUER OELRUECKLAUF	1	PC	220,2 g		
	350	700429055001	O-RING	2	PC	8 g	55 X 5	MMN429
	450	000000002963	HEX SCREW	8	PC	54,2 g	M 12 X 55	ISO4017
	500	735151012100	SPACER S2000/4000	8	PC	20 g	A 12,5	MTN5151
	600	X54799100051	FLANGE F/TURBO OIL SUPPLY	1	PC	1,2 kg		
	650	700429026001	O-RING	1	PC	1,3 g	26 X 3	MMN429
	700	204017010033	HEX SCREW	3	PC	37,3 g	M 10 X 55	ISO4017
	750	X54799100036	SOCKET PIPE F/TURBO OIL SUPPLY	1	PC	100,4 g		
	800	700429018005	O-RING	1	PC	1,9 g	18 X 4	MMN429
	850	X54799100031	SCREW-FITTING UNION F/TURBO OIL SUPPLY	1	PC	73,5 g		
	900	700429018005	O-RING	1	PC	1,9 g	18 X 4	MMN429
	950	5319970545	SEALING RING	1	PC	0,6 g	19,30 X 2,20	



14300225

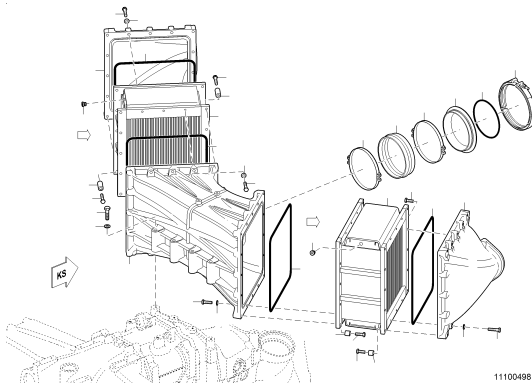
	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	50	X54710200005	TC CARRIER LOW PRESSURE	1	PC	127,855 kg		
	100	5370160233	SEALING CAP	1	PC	32 g	D 40	
	150	5249970020	SEALING CAP	16	PC	62,6 g	D 50	
	200	000908018002	PLUG	2	PC	0,029 kg	M 18 X 1,5	DIN908
	250	007603018101	COPPER SEALING RING	2	PC	1,3 g	A 18 X 22	DIN7603
	300	000908014001	SCREW PLUG	2	PC	0,016 kg	M 14 X 1,5	DIN908
	350	007603014102	COPPER SEALING RING	2	PC	1 g	A 14 X 18	DIN7603

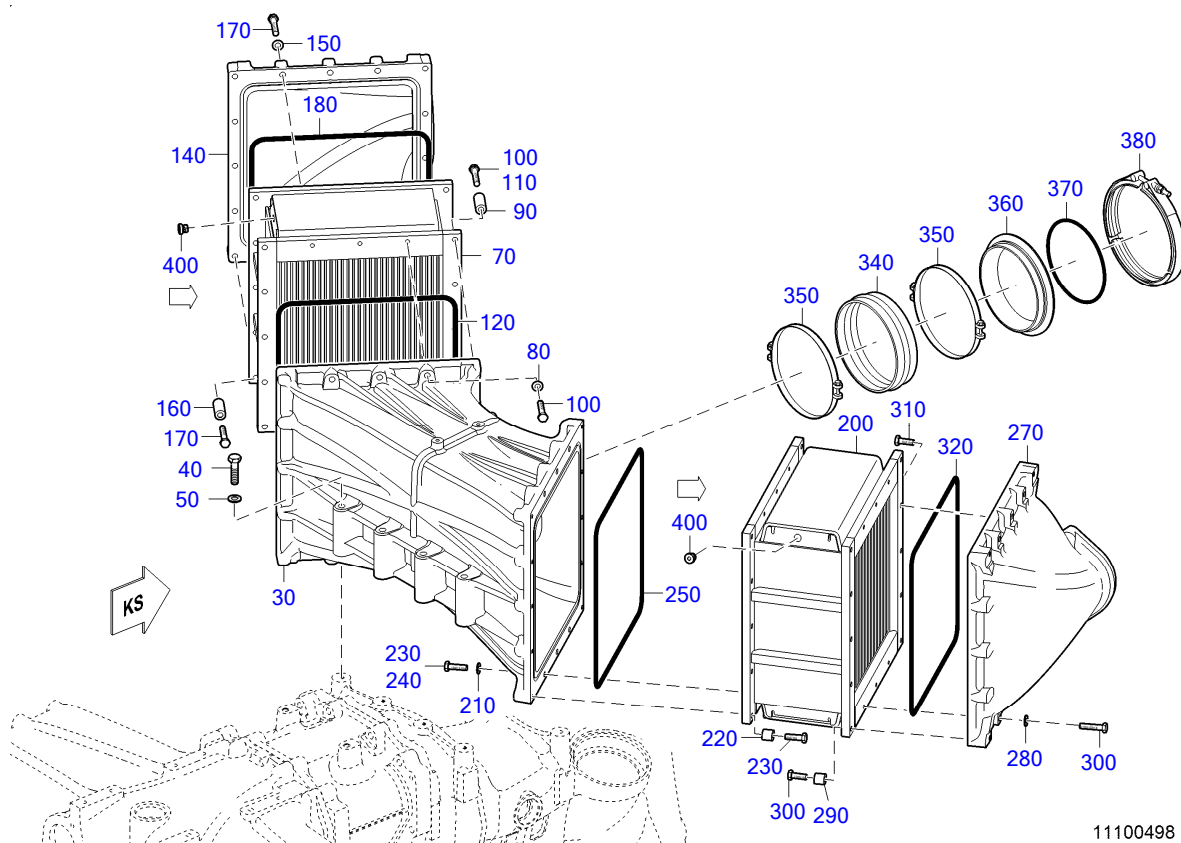
GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.

10
INTERCOOLER LOW PRESSURE
XS547110.00030





☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	30	X54712500147	AIR HOUSING FOR LP INTERCOOLER	1	PC	62,27 kg	EM		
	40	204017012030	HEX SCREW	6	PC	100,9 g		M 12 X120	ISO4017
	50	000125013012	WASHER	6	PC	5,6 g		A 13	DIN125
	70	X54711100002	INTERCOOLER LOW PRESSURE	1	PC	66,6 kg	EM		
	80	735151010100	SPACER	6	PC	11 g		A 10,5	MTN5151
	90	5531420553	SLEEVE	10	PC	54,1 g			
	100	204014010001	HEX SCREW	13	PC	39,7 g		M 10 X 55	ISO4014
	110	204014010032	HEX SCREW	3	PC	42,9 g		M 10 X 60	ISO4014
	120	735254418000	O-RING	1	PC	70,9 g		418 X 6	MTN5254
	140	X54712500114	CONNECTION HOUSING INLET	1	PC	20,2 kg	EM		
	150	735151010100	SPACER	6	PC	11 g		A 10,5	MTN5151
	160	5531420553	SLEEVE	10	PC	54,1 g			
	170	204014010001	HEX SCREW	16	PC	39,7 g		M 10 X 55	ISO4014
	180	735254418000	O-RING	1	PC	70,9 g		418 X 6	MTN5254
	200	X54711100002	INTERCOOLER LOW PRESSURE	1	PC	66,6 kg	EM		
	210	735151010100	SPACER	6	PC	11 g		A 10,5	MTN5151
	220	5531420553	SLEEVE	10	PC	54,1 g			
	230	204014010001	HEX SCREW	15	PC	39,7 g		M 10 X 55	ISO4014
	240	204014010032	HEX SCREW	1	PC	42,9 g		M 10 X 60	ISO4014
	250	735254418000	O-RING	1	PC	70,9 g		418 X 6	MTN5254
	270	X54712500114	CONNECTION HOUSING INLET	1	PC	20,2 kg	EM		
	280	735151010100	SPACER	6	PC	11 g		A 10,5	MTN5151
	290	5531420553	SLEEVE	10	PC	54,1 g			
	300	204014010001	HEX SCREW	14	PC	39,7 g		M 10 X 55	ISO4014
	310	204014010032	HEX SCREW	2	PC	42,9 g		M 10 X 60	ISO4014

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000C65
INTERCOOLER LOW PRESSURE

SERIAL NUMBER: 5482000021

FG/FGS: 111 10

BOM-No.: XS547110.00030

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	320	735254418000	O-RING	1	PC	70,9 g		418 X 6	MTN5254
	340	X54712500036	RUBBER SLEEVE	1	PC	134,9 g		174 X 51	
	350	X54799100216	HOSE CLAMP FOR CHARGE AIR	2	PC	79,4 g			
	360	X54712500056	FLANGE FOR RUBBER SLEEVE	1	PC	1,5 kg	EM		
	370	700429160001	O-RING	1	PC	13,7 g		160 X 4	MMN429
	380	0049978190	CLAMP	1	PC	615 g			
35	400	735210014000	THREAD PLUG	2	PC	0,019 kg		M 14 X 1,5	MTN5210

GROUP SEGMENT (FGS)

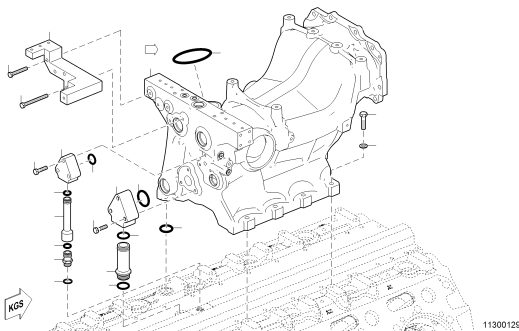
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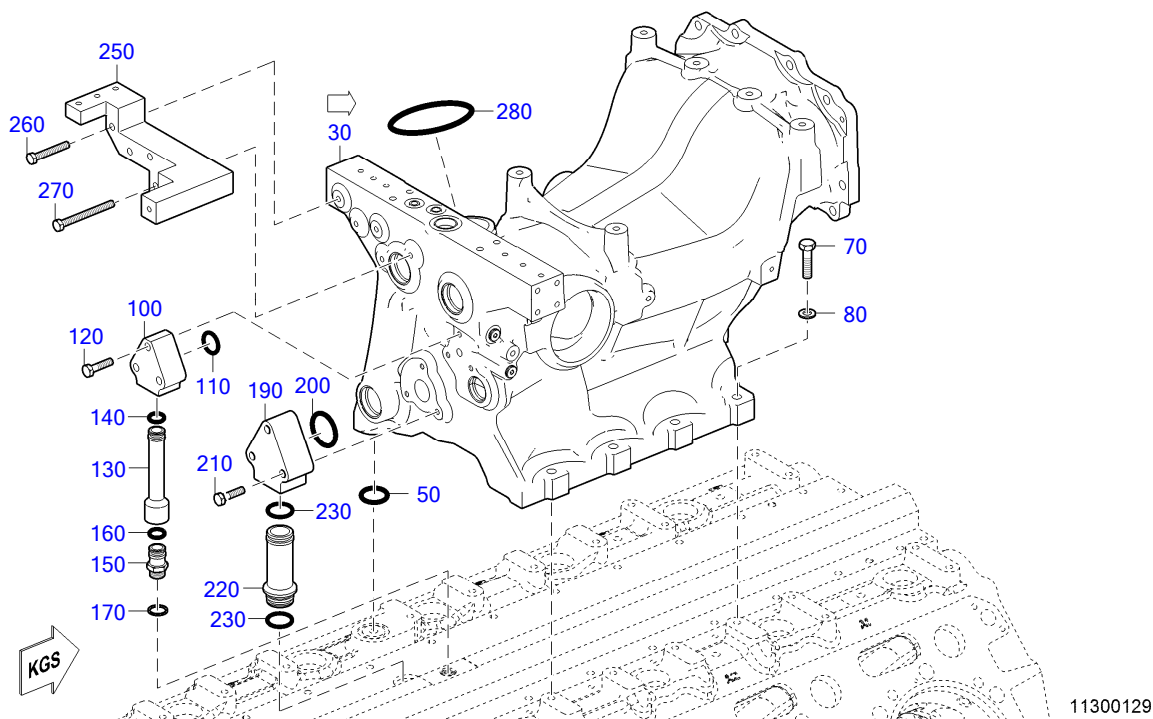
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05

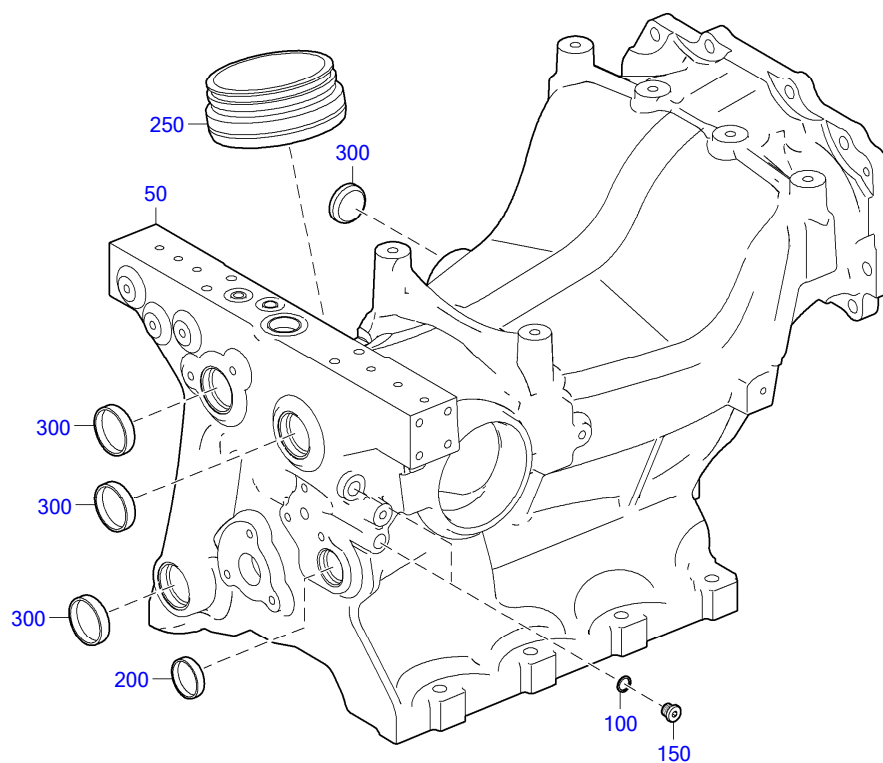
CARRIER FOR LP INTERCOOLER

XS547110.00031





POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
122	30	X54711400087 CARRIER FOR LP INTERCOOLER	1	PC	119,4 kg		
	50	700429033001 O-RING	1	PC	5,1 g	33 X 5	MMN429
	70	000000002963 HEX SCREW	8	PC	54,2 g	M 12 X 55	ISO4017
	80	735151012100 SPACER S2000/4000	8	PC	20 g	A 12,5	MTN5151
	100	X54799100042 FLANGE FUER OELZULAUF	1	PC	1,1 kg		
	110	700429027003 O-RING	1	PC	2,7 g	27 X 4	MMN429
	120	204017010033 HEX SCREW	3	PC	37,3 g	M 10 X 55	ISO4017
	130	X54799100036 SOCKET PIPE F/TURBO OIL SUPPLY	1	PC	100,4 g		
	140	700429018005 O-RING	1	PC	1,9 g	18 X 4	MMN429
	150	X54799100031 SCREW-FITTING UNION F/TURBO OIL SUPPLY	1	PC	73,5 g		
	160	700429018005 O-RING	1	PC	1,9 g	18 X 4	MMN429
	170	5319970545 SEALING RING	1	PC	0,6 g	19,30 X 2,20	
	190	X54799100043 FLANGE FUER OELRUECKLAUF	1	PC	1,8 kg		
	200	700429045000 O-RING	1	PC	6,8 g	45 X 5	MMN429
	210	304017010015 HEX SCREW	3	PC	39,2 g	M 10 X 60	ISO4017
	220	X54799100037 PLUG-IN PIPE FUER OELRUECKLAUF	1	PC	157,4 g		
	230	700429032003 O-RING	2	PC	3 g	32 X 4	MMN429
	250	X54711400022 END MEMBER ON CARRIER HOUSING	1	PC	5,24 kg		
	260	000000004745 HEX SCREW	3	PC	41,8 g	M 10 X 65	ISO4017
	270	000000003922 HEX SCREW	2	PC	66,6 g	M 10 X100	ISO4014
	280	700429115000 O-RING	1	PC	23 g	115 X 6	MMN429



11300130

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	50	X54711400086	CARRIER FOR LP INTERCOOLER	1	PC	113,93 kg		
	100	007603014102	COPPER SEALING RING	2	PC	1 g	A 14 X 18	DIN7603
	150	000908014001	SCREW PLUG	2	PC	0,016 kg	M 14 X 1,5	DIN908
	200	5370160233	SEALING CAP	1	PC	32 g	D 40	
	250	X54799101079	PLUG-IN PIPE FLANGE	1	PC	1,129 kg		
	300	5249970020	SEALING CAP	4	PC	62,6 g	D 50	

GROUP SEGMENT (FGS)

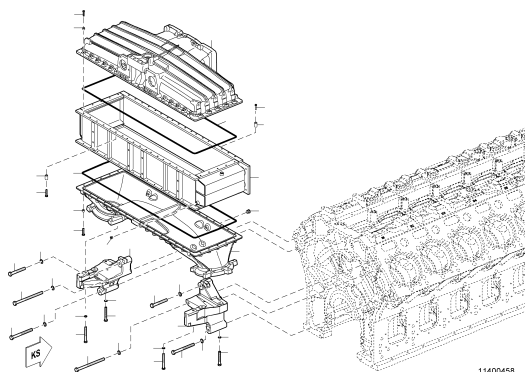
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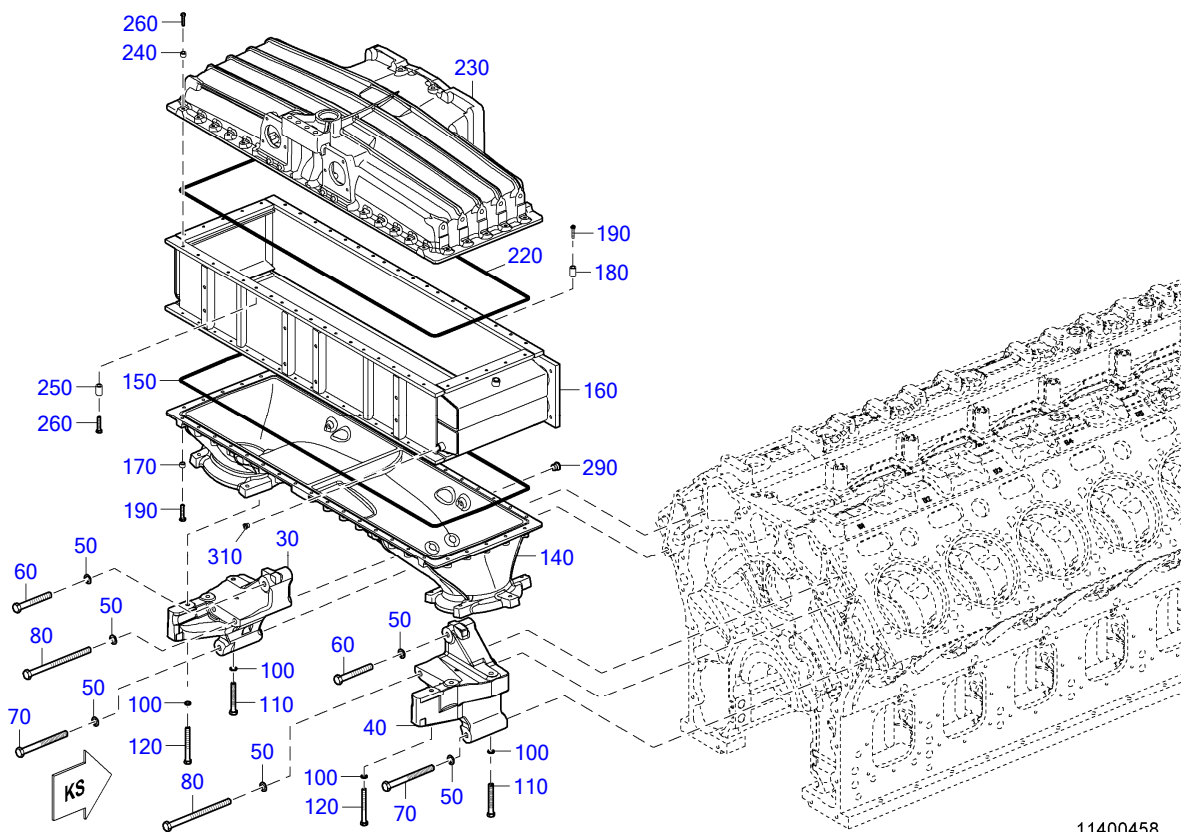
BOM-No.

05

INTERCOOLER HIGH PRESSURE

XS548110.00008





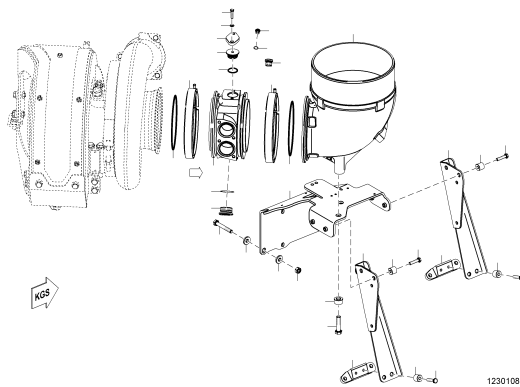
11400458

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	30	X59611400061	BRACKET LEFT	1	PC	35,5 kg			
	40	X59611400062	BRACKET RIGHT	1	PC	35,5 kg			
	50	200433017000	WASHER	8	PC	6,8 g	17		DIN433
	60	304014016007	HEX SCREW	2	PC	210,6 g	M 16 X120		ISO4014
	70	204014016005	HEX SCREW	2	PC	284,4 g	M 16 X170		ISO4014
	80	204014016010	HEX SCREW	4	PC	375,2 g	M 16 X230		ISO4014
	100	200433013001	WASHER	6	PC	2,6 g	13		DIN433
	110	000000002527	HEX SCREW	2	PC	78,9 g	M 12 X 90		ISO4017
	120	000000001077	HEX SCREW	4	PC	104,6 g	M 12 X110		ISO4014
	150	X54999100020	O-RING	1	PC	195 g		980 X 6	
	160	X54911400014	INTERCOOLER HIGH PRESSURE	1	PC	247,6 kg	EM		
	170	X54999100203	SLEEVE	40	PC	0,029 kg			
	180	X54999100202	SLEEVE	2	PC	0,051 kg			
	190	304017008022	HEX SCREW	42	PC	24 g	M 8 X 60		ISO4017
	220	X54999100020	O-RING	1	PC	195 g		980 X 6	
	230	X54911400010	CONNECTION HOUSING TOP	1	PC	113,6 kg	EM		
	240	X54999100203	SLEEVE	26	PC	0,029 kg			
	250	X54999100202	SLEEVE	20	PC	0,051 kg			
	260	304017008022	HEX SCREW	46	PC	24 g	M 8 X 60		ISO4017
	290	735210018000	PLUG	2	PC	0,036 kg	M 18 X 1,5		MTN5210
35	310	735210014000	THREAD PLUG	1	PC	0,019 kg	M 14 X 1,5		MTN5210
		X54911400011	CONNECTION HOUSING BOTTOM	1	ST	83,707 kg	EM		

GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.



35

AIR SYSTEM VERTICAL

XS547120.00115

35

MODIFICATION BOM FOR COMB.AIR SYSTEM

XU547018.006

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000C65

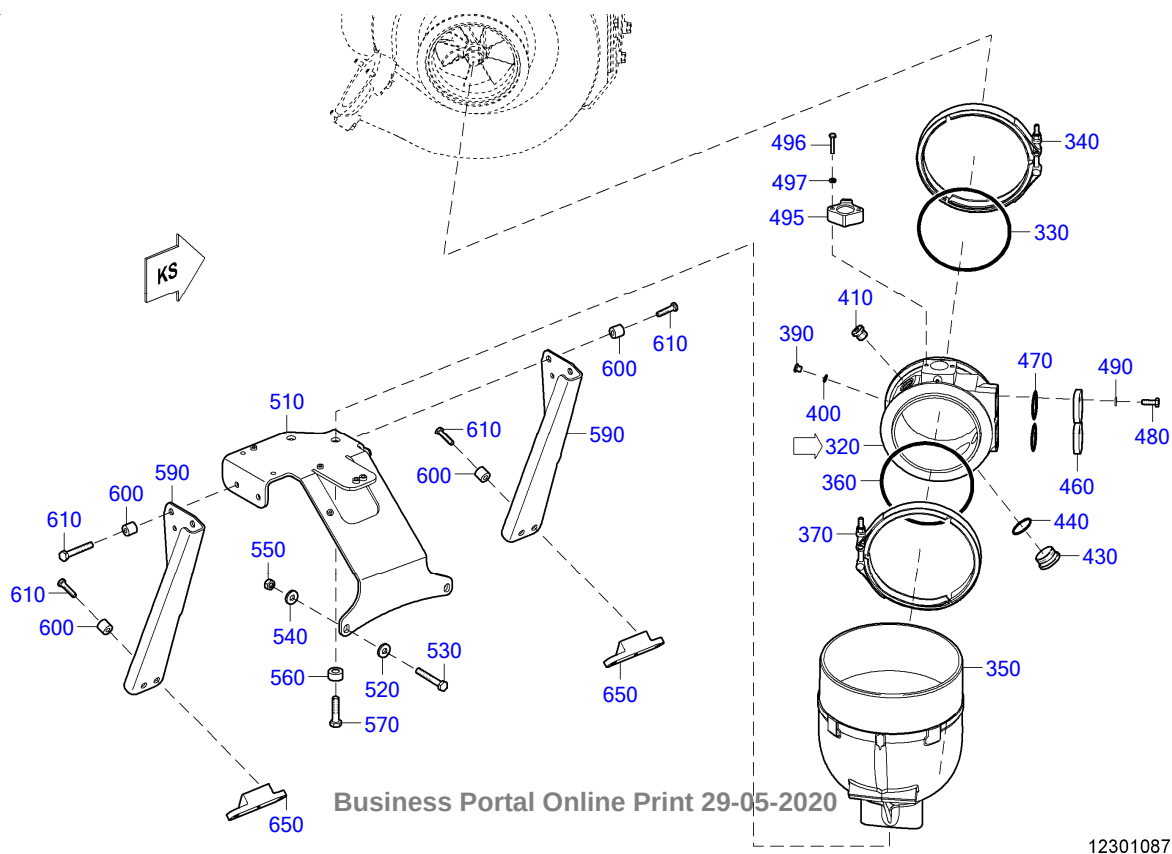
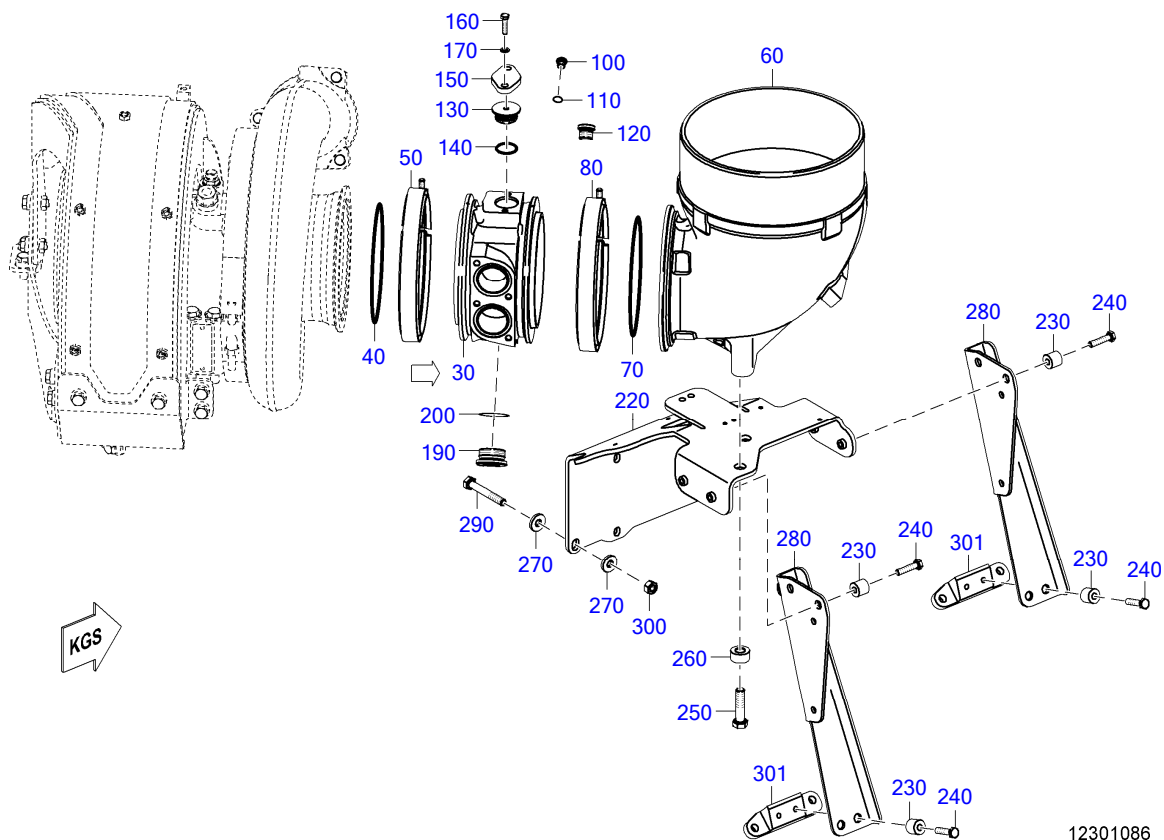
SERIAL NUMBER: 5482000021

MODIFICATION BOM FOR COMB.AIR SYSTEM

FG/FGS: 123 35

BOM-No.: XU547018.006

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	250	X54712300177	INTAKE HOUSING VERTICAL	1	PC	5,65 kg	EM		
	650	700429025000	O-RING	1	PC	1,5 g		25 X 3,15	MMN429
	700	X54799100168	END COVER	1	PC	32,8 g			
	750	000000004231	FLANGE	1	PC	109,1 g		B 0 X 48	DIN71501
	800	007349006004	WASHER	2	PC	4,1 g		6,4	DIN7349
	850	304017006063	HEX SCREW	2	PC	6,8 g		M 6 X 25	ISO4017



☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	30	X54712300106	INTAKE HOUSING FOR CHARGE AIR		1	PC	2,663 kg	EM		
	40	700429160001	O-RING		1	PC	13,7 g	160 X 4		MMN429
	50	0049978190	CLAMP		1	PC	615 g			
	70	700429160001	O-RING		1	PC	13,7 g	160 X 4		MMN429
	80	0049978190	CLAMP		1	PC	615 g			
	100	000908010002	SCREWED PLUG		1	PC	0,006 kg	M 10 X 1		DIN908
	110	007603010110	WASHER A COP		1	PC	0,3 g	A 10 X 13,5		DIN7603
	120	735210018000	PLUG		1	PC	0,036 kg	M 18 X 1,5		MTN5210
	130	X54799100168	END COVER		1	PC	32,8 g			
	140	700429025000	O-RING		1	PC	1,5 g	25 X 3,15		MMN429
	150	000000004231	FLANGE		1	PC	109,1 g	B 0 X 48		DIN71501
	160	304017006063	HEX SCREW		2	PC	6,8 g	M 6 X 25		ISO4017
	170	007349006004	WASHER		2	PC	4,1 g	6,4		DIN7349
	190	200908036000	PLUG		1	PC	0,122 kg	M 36 X 2		DIN908
	200	007603036101	WASHER A COP		1	PC	5,2 g	A 36 X 42		DIN7603
	230	5564910250	BUSH		8	PC	36,1 g			
	240	304017008084	HEX SCREW		8	PC	16,4 g	M 8 X 35		ISO4017
	250	000000003437	HEX SCREW		2	PC	50,8 g	M 12 X 50		ISO4017
	260	735151012200	SPACER		2	PC	40,1 g	B 12,5		MTN5151
	270	007349010002	WASHER		4	PC	11 g	10,5		DIN7349
	280	X54712300151	RETAINER FOR INTAKE AIR		2	PC	0,928 kg			
	290	000000001076	HEX SCREW		2	PC	45,9 g	M 10 X 70		ISO4017
	300	000000003187	NUT HEX A3C		2	PC	9,2 g	M 10		ISO4032
	301	X54712300144	RETAINER FOR INTAKE AIR		2	PC	0,465 kg			
	320	X54712300106	INTAKE HOUSING FOR CHARGE AIR		1	PC	2,663 kg	EM		
	330	700429160001	O-RING		1	PC	13,7 g	160 X 4		MMN429
	340	0049978190	CLAMP		1	PC	615 g			
	360	700429160001	O-RING		1	PC	13,7 g	160 X 4		MMN429
	370	0049978190	CLAMP		1	PC	615 g			
	390	000908010002	SCREWED PLUG		1	PC	0,006 kg	M 10 X 1		DIN908
	400	007603010110	WASHER A COP		1	PC	0,3 g	A 10 X 13,5		DIN7603
	410	735210018000	PLUG		1	PC	0,036 kg	M 18 X 1,5		MTN5210
	430	200908036000	PLUG		1	PC	0,122 kg	M 36 X 2		DIN908
	440	007603036101	WASHER A COP		1	PC	5,2 g	A 36 X 42		DIN7603
	460	X59499100174	FLANGE		2	PC	94,8 g			
	470	700429043000	O-RING		2	PC	2,2 g	43 X 3		MMN429
	480	304017008081	HEX SCREW		4	PC	13,4 g	M 8 X 25		ISO4017
	490	000125008427	WASHER		4	PC	1,5 g	A 8,4		DIN125
	510	X54712300132	RETAINER F.AIRROUTING PRE TC		1	PC	4,111 kg			
	520	007349010002	WASHER		2	PC	11 g	10,5		DIN7349
	530	000000001076	HEX SCREW		2	PC	45,9 g	M 10 X 70		ISO4017
	540	007349010002	WASHER		2	PC	11 g	10,5		DIN7349
	550	000000003187	NUT HEX A3C		2	PC	9,2 g	M 10		ISO4032
	560	735151012200	SPACER		2	PC	40,1 g	B 12,5		MTN5151
	570	000000003437	HEX SCREW		2	PC	50,8 g	M 12 X 50		ISO4017
	590	X54712300151	RETAINER FOR INTAKE AIR		2	PC	0,928 kg			
	600	5564910250	BUSH		8	PC	36,1 g			
	610	304017008084	HEX SCREW		8	PC	16,4 g	M 8 X 35		ISO4017
	650	X54712300144	RETAINER FOR INTAKE AIR		2	PC	0,465 kg			
		X54712300182	RETAINER FOR INTAKE AIR		1	ST	4,776 kg			
128		X54712300162	INTAKE HOUSING VERTICAL		2	ST	5,639 kg	EM		
		X00E50701749	CONNECTING CABLE FOR ON-ENGINE SENSO	B90	1	ST	0,041 kg			

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000C65
INTAKE HOUSING VERTICAL

SERIAL NUMBER: 5482000021

FG/FGS:

BOM-No.: X54712300162

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN
129	50	X54712300161	INTAKE HOUSING VERTICAL	1	PC	5,548 kg	EM
130	100	X54799101451	SPACER	1	PC	0,095 kg	

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000C65
INTAKE HOUSING VERTICAL

SERIAL NUMBER: 5482000021

FG/FGS:

BOM-No.: X54712300161

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
	50	X54712300054	INTAKE HOUSING VERTICAL	VERTIKAL	1	PC	5,45 kg	NN EM	DURCHMESSER 254

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000C65
SPACER

SERIAL NUMBER: 5482000021

FG/FGS:

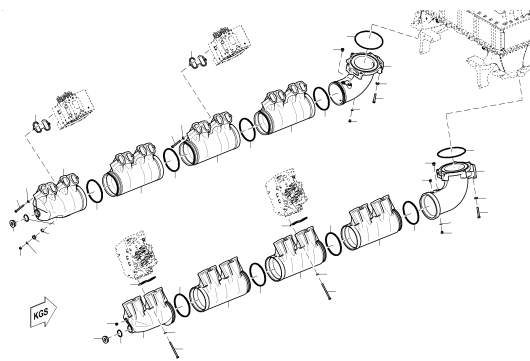
BOM-No.: X54799101451

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
	50	X54799101450	SPACER	1	PC	0,087 kg

GROUP SEGMENT (FGS)

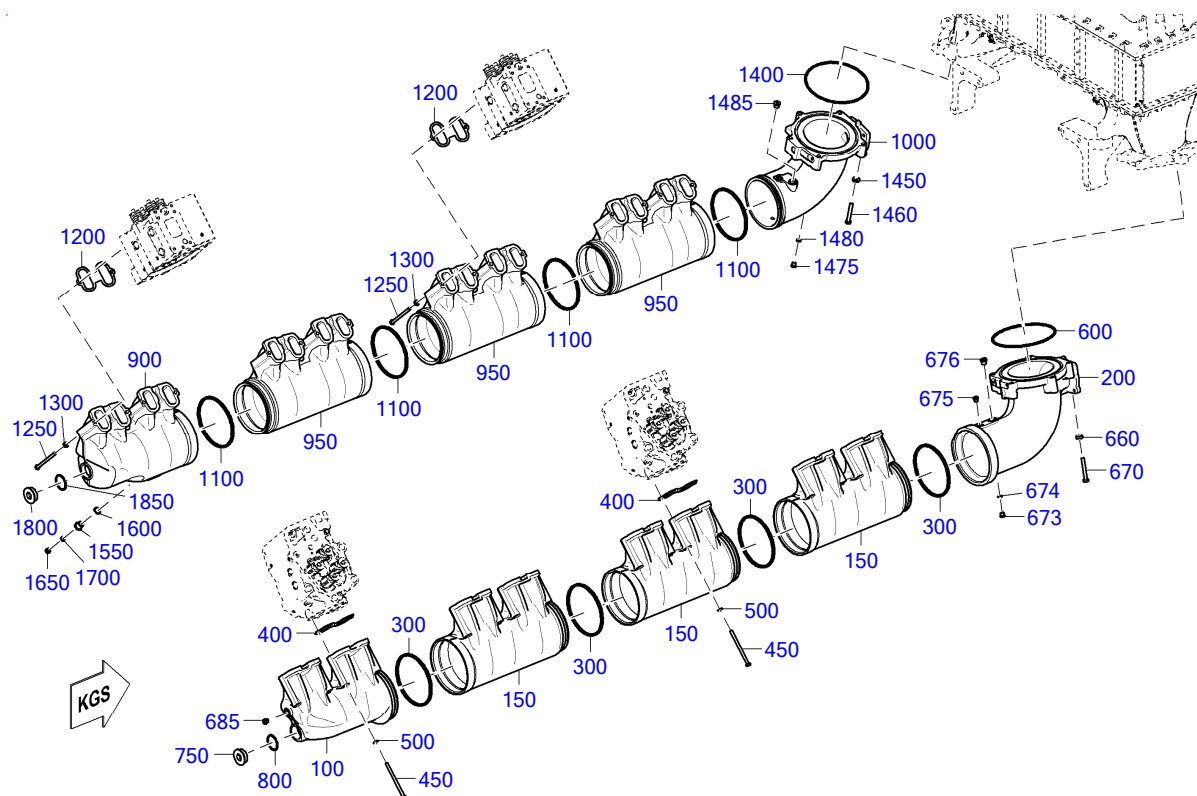
GROUP NAME

BOM-No.



05
CHARGE-AIR MANIFOLD INTERCOOLER TO CYLH
XS548120.00001

12400686



12400686

	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	3	PC	8,855 kg	EM		
	200	X54811400013	ELBOW F.INTERCOOLER LHS	1	PC	10,121 kg	EM		
	300	700429180004	O-RING	4	PC	65,3 g		180 X 8	MMN429
	400	5240980680	GASKET	8	PC	0,014 kg			
	450	000000001041	HEX SCREW	16	PC	90,2 g		M 10 X140	ISO4014
	500	000125010524	WASHER	16	PC	3,1 g		A 10,5	DIN125
	600	700429230001	O-RING	1	PC	44,7 g		230 X 6	MMN429
	660	735151012100	SPACER S2000/4000	5	PC	20 g		A 12,5	MTN5151
	670	000000003048	HEX SCREW	5	PC	75,1 g		M 12 X 85	ISO4017
	673	000908014001	SCREW PLUG	1	PC	0,016 kg		M 14 X 1,5	DIN908
	674	007603014102	COPPER SEALING RING	1	PC	1 g		A 14 X 18	DIN7603
35	675	735210014000	THREAD PLUG	1	PC	0,019 kg		M 14 X 1,5	MTN5210
	676	735210018000	PLUG	1	PC	0,036 kg		M 18 X 1,5	MTN5210
35	685	735210014000	THREAD PLUG	1	PC	0,019 kg		M 14 X 1,5	MTN5210
	750	000908052003	THREAD PLUG	1	PC	0,298 kg		M 52 X 1,5	DIN908
	800	007603052101	COPPER SEALING RING	1	PC	12,5 g		A 52 X 60	DIN7603
	900	X54812400010	CHARGE-AIR PIPE END MEMBER, RIGHT	1	PC	8,291 kg	EM		
	950	X54812400008	CHARGE-AIR PIPE CENTER SECTION	3	PC	8,855 kg	EM		
	1000	X54811400014	ELBOW F/INTERCOOLER, RIGH	1	PC	9,123 kg	EM		
	1100	700429180004	O-RING	4	PC	65,3 g		180 X 8	MMN429
	1200	5240980680	GASKET	8	PC	0,014 kg			
	1250	000000001041	HEX SCREW	16	PC	90,2 g		M 10 X140	ISO4014
	1300	000125010524	WASHER	16	PC	3,1 g		A 10,5	DIN125
	1400	700429230001	O-RING	1	PC	44,7 g		230 X 6	MMN429

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000C65

SERIAL NUMBER: 5482000021

CHARGE-AIR MANIFOLD INTERCOOLER TO CYLH

FG/FGS: 124

05

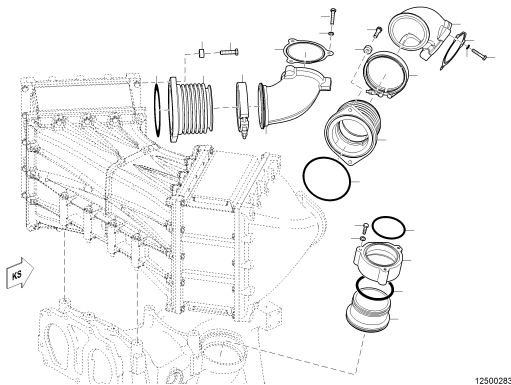
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	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	1450	735151012100	SPACER S2000/4000	5	PC	20 g		A 12,5	MTN5151
	1460	000000003048	HEX SCREW	5	PC	75,1 g		M 12 X 85	ISO4017
	1475	000908014001	SCREW PLUG	1	PC	0,016 kg		M 14 X 1,5	DIN908
	1480	007603014102	COPPER SEALING RING	1	PC	1 g		A 14 X 18	DIN7603
	1485	735210018000	PLUG	1	PC	0,036 kg		M 18 X 1,5	MTN5210
	1550	700354014003	THREADED BUSHING	2	PC	40 g		M 14 X 1,5	MMN354
	1600	007603022102	COPPER SEALING RING	2	PC	0,9 g		A 22 X 27	DIN7603
	1650	000908014001	SCREW PLUG	2	PC	0,016 kg		M 14 X 1,5	DIN908
	1700	007603014102	COPPER SEALING RING	2	PC	1 g		A 14 X 18	DIN7603
	1800	000908052003	THREAD PLUG	1	PC	0,298 kg		M 52 X 1,5	DIN908
	1850	007603052101	COPPER SEALING RING	1	PC	12,5 g		A 52 X 60	DIN7603

GROUP SEGMENT (FGS)

GROUP NAME

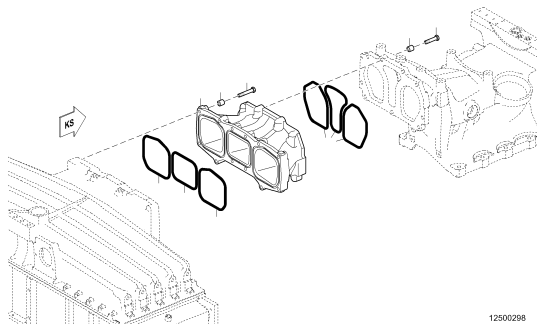
BOM-No.



15

AIR PIPING FOR LP INTERCOOLER

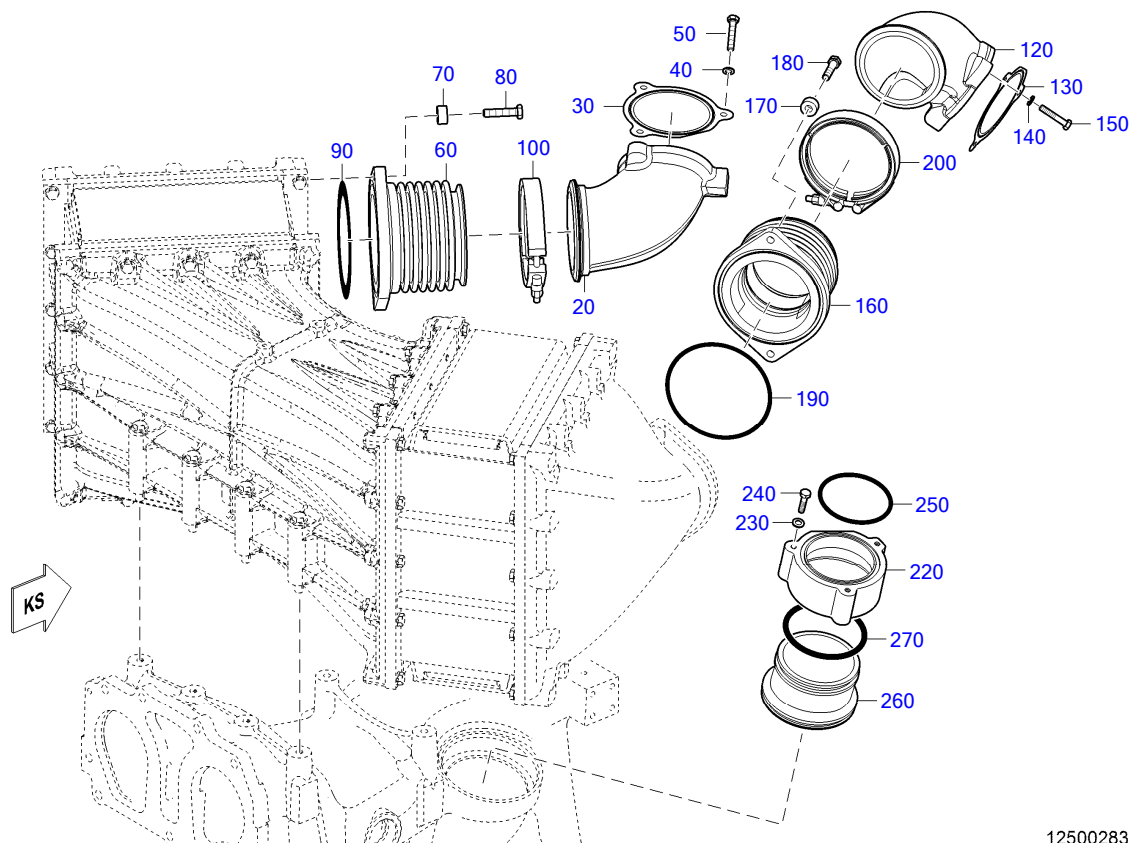
XS547120.00125



15

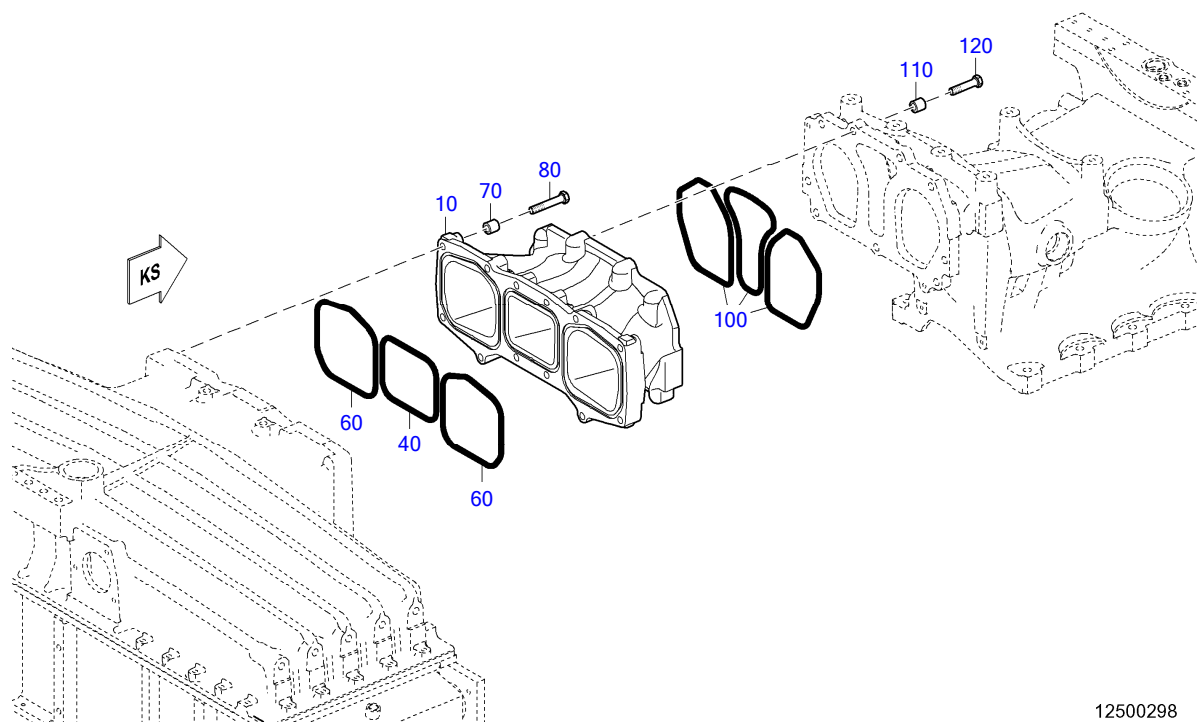
INTERMEDIATE HOUSING F.HP CH.-AIR COOLER

XS548110.00005



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	0,01 kg			
	40	200433008400	WASHER	3	PC	1,5 g	8,4		DIN433
	50	304017008086	HEX SCREW	3	PC	19,4 g	M 8 X 45		ISO4017
	60	X54799100644	BELLOWS AFTER COMPRESSOR	1	PC	2,807 kg			
	70	5371860052	SPACER WASHER	2	PC	33,5 g			
	80	204017010021	HEX SCREW	2	PC	32,5 g	M 10 X 45		ISO4017
	90	735254150000	O-RING	1	PC	11,5 g	150 X 4		MTN5254
	100	X00007114	V-BAND CLAMP	1	PC	0,37 kg			
	120	X54712500085	ELBOW AFTER COMPRESSOR	1	PC	3,644 kg	EM		
	130	X54799100863	GASKET	1	PC	0,01 kg			
	140	200433008400	WASHER	3	PC	1,5 g	8,4		DIN433
	150	304017008086	HEX SCREW	3	PC	19,4 g	M 8 X 45		ISO4017
	160	X54799100644	BELLOWS AFTER COMPRESSOR	1	PC	2,807 kg			
	170	5371860052	SPACER WASHER	2	PC	33,5 g			
	180	204017010021	HEX SCREW	2	PC	32,5 g	M 10 X 45		ISO4017
	190	735254150000	O-RING	1	PC	11,5 g	150 X 4		MTN5254
	200	X00007114	V-BAND CLAMP	1	PC	0,37 kg			
	220	X54712500049	FLANGE VON HD-VERDICHT-GEH	1	PC	2,2 kg	EM		
	230	200433008400	WASHER	3	PC	1,5 g	8,4		DIN433
	240	304017008086	HEX SCREW	3	PC	19,4 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	21,7 g	110 X 6		MMN429



12500298

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	X54811400017	INTERMEDIATE HOUSING F.HP CH.-AIR COOLER	1	PC	25,406 kg		
	40	735252148000	O-RING	1	PC	25,2 g	148 X 6	MTN5252
	60	735252166000	O-RING	2	PC	28 g	166 X 6	MTN5252
	70	5510720150	BUSH	12	PC	27 g		
	80	000000002970	HEX SCREW	12	PC	64,7 g	M 12 X 70	ISO4017
	100	735252166000	O-RING	3	PC	28 g	166 X 6	MTN5252
	110	5510720150	BUSH	9	PC	27 g		
	120	000000002963	HEX SCREW	9	PC	54,2 g	M 12 X 55	ISO4017

GROUP SEGMENT (FGS)

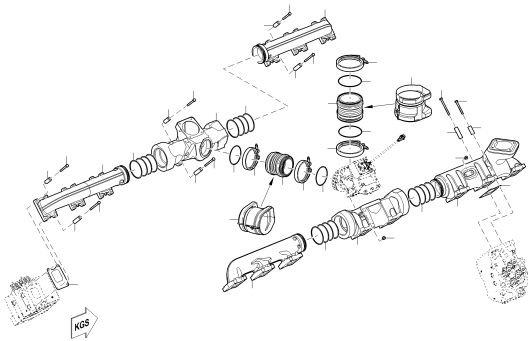
GROUP NAME

BOM-No.

10

EXH.LINES AFT.CYL.HD

XS548140.00043

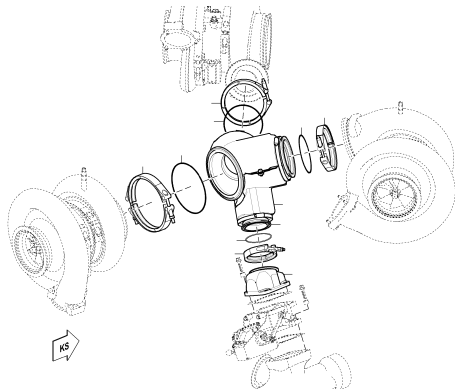


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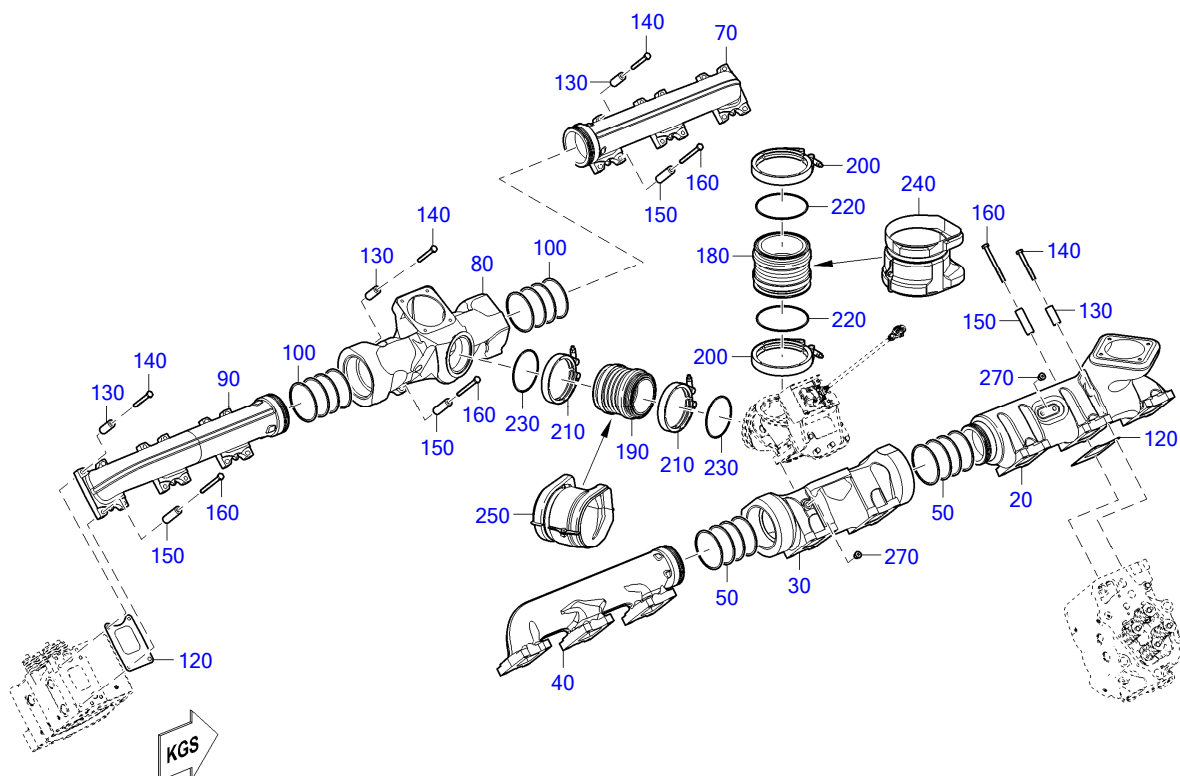
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EXHAUST SYSTEM TO/FROM TURBOCHARGE

XS547140.00073

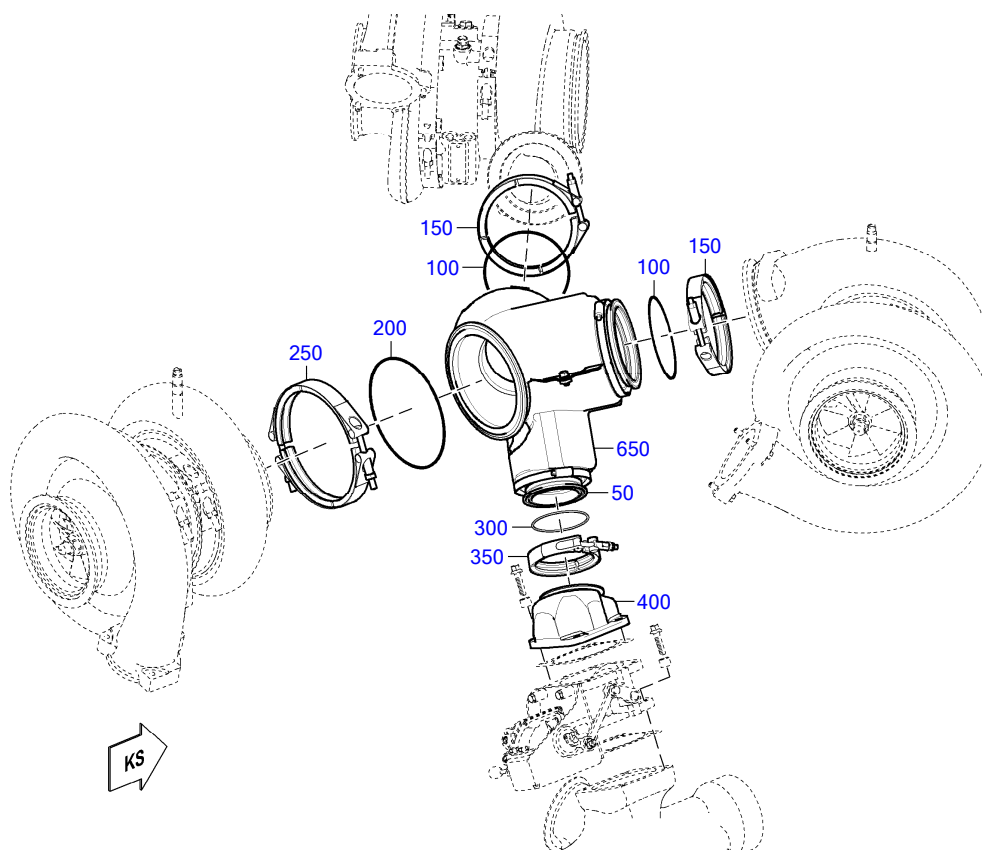


14100509



14100627

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
20	X54814100010	EXHAUST PIPE LEFT, W/INSULATION		1	PC	19,8 kg	EM		
40	X00039466	EXHAUST PIPE		1	PC	17,97 kg	EM		
50	0001426857	LAMELLAR RING		8	PC	27,1 g			
70	X00039466	EXHAUST PIPE		1	PC	17,97 kg	EM		
80	X54714100043	EXHAUST PIPE RIGHT, W/INSULATION		1	PC	18,06 kg	EM		
90	X00039468	EXHAUST PIPE		1	PC	17,97 kg	EM		
100	0001426857	LAMELLAR RING		8	PC	27,1 g			
120	5241420580	GASKET	KEIN MHD, IST AUS METALL	16	PC	38 g			
130	X52614100012	SPACER SLEEVE		32	PC	74,8 g			
140	000000003322	HEX SCREW		32	PC	60,8 g	M 10 X 90		ISO4014
150	X54799100236	SPACER SLEEVE FOR EXHAUST ELBOW		32	PC	91,8 g			
160	204014010040	HEX SCREW		32	PC	77 g	M 10 X115		ISO4014
180	X54799101193	EXH PIPE BELLOWS		1	PC	4 kg			
190	X54799101192	EXH PIPE BELLOWS		1	PC	3,5 kg			
200	X54999100182	V-BAND CLAMP		2	PC	0,8 kg	Ø163,5		
210	X54799101207	V-BAND CLAMP		2	PC	0,585 kg			
220	X54714100065	GASKET FOR EXHAUST DUCTING		2	PC	193,3 g			
230	X54714100064	GASKET FOR EXHAUST DUCTING		2	PC	189,3 g			
240	X54714100074	INSULATION FOR EXHAUST DUCTING		1	PC	503,5 g	EM		
250	X54714100075	INSULATION FOR EXHAUST DUCTING		1	PC	1 kg	EM		
270	000000003342	PLUG		3	PC	0,015 kg	M 14 X 1,5		DIN908
	X54714100071	EXHAUST PIPE INSULATED, LEFT		1	ST	17,669 kg	EM		



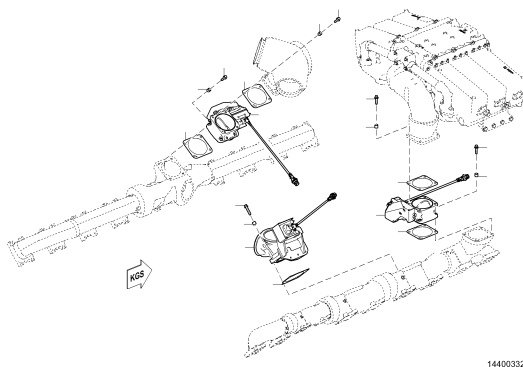
14100509

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
	50	X54710300010	EXHAUST Y-PIPE TO/FROM TURBOCHARGE	1	PC	9,5 kg		
	100	X54714100065	GASKET FOR EXHAUST DUCTING	2	PC	193,3 g		
	150	X54999100182	V-BAND CLAMP	2	PC	0,8 kg		Ø163,5
	200	X54714100066	GASKET FOR EXHAUST DUCTING	1	PC	195,5 g		
	250	X54799100740	V-BAND CLAMP	1	PC	1,449 kg		
	300	X54714100063	GASKET FOR EXHAUST DUCTING	1	PC	186,1 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	1,6 kg	EM	

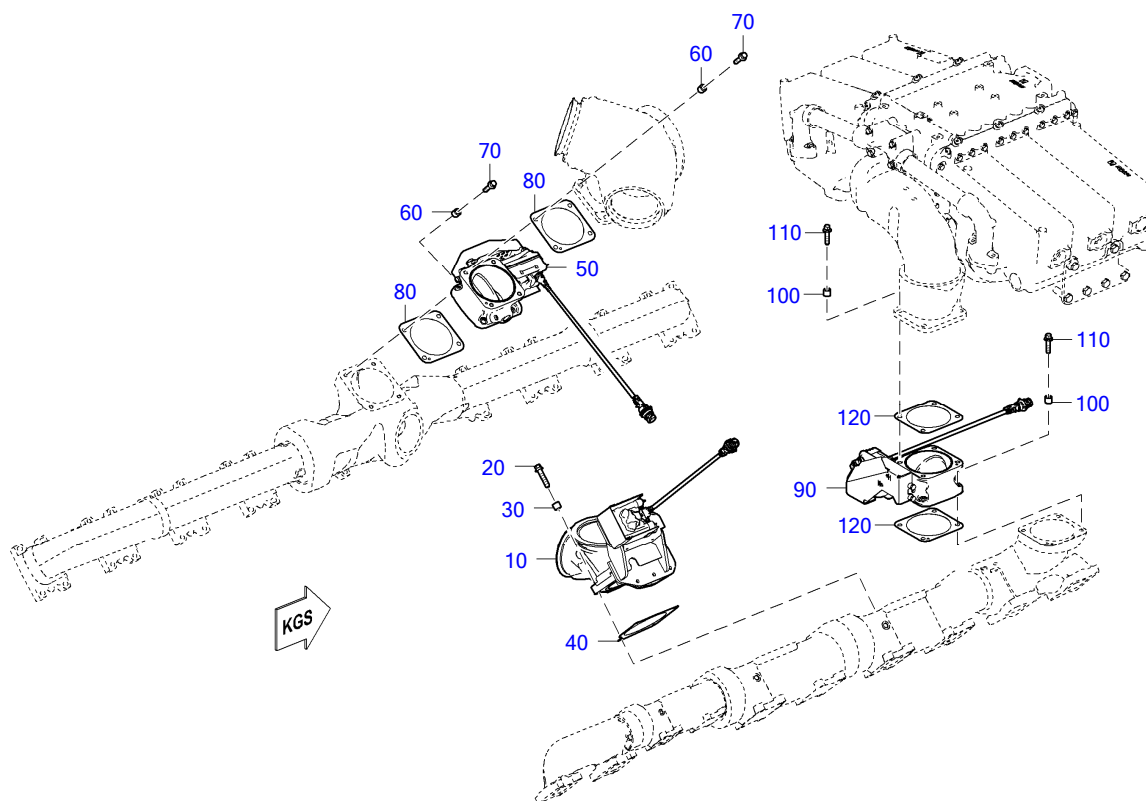
GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.

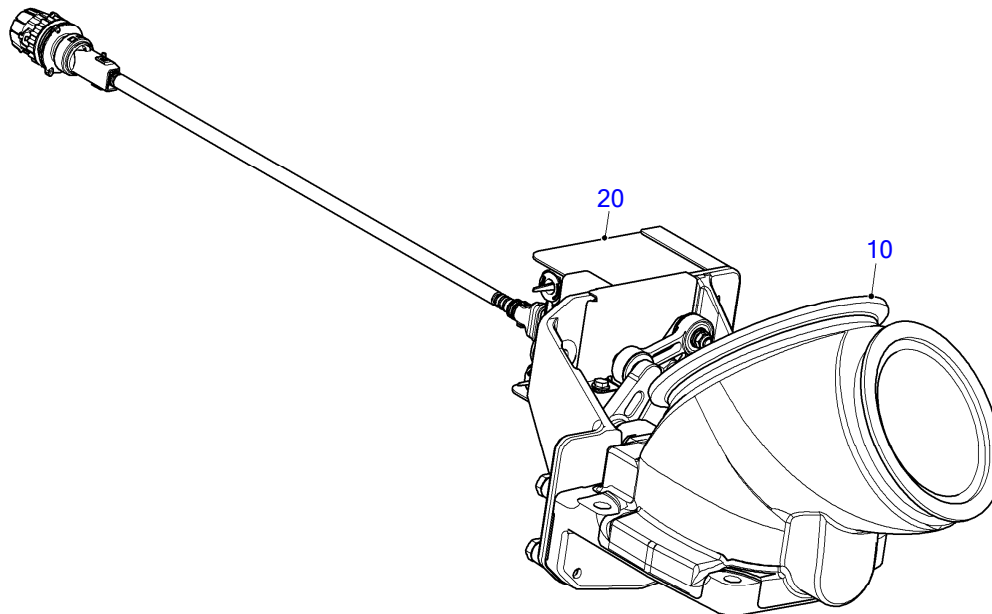


05
EXHAUST FLAP
XS549140.00037



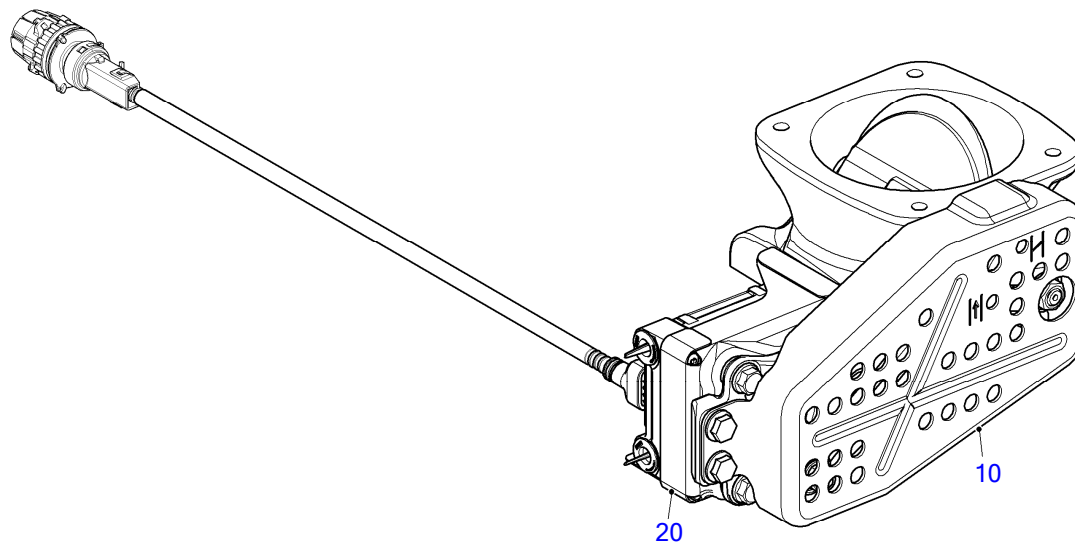
14400332

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
141	10	X54714800302/B05	EGR GENERATOR FLAP		1	PC	13,2 kg	EM	
	20	5249900705	BOLT HEX FLG		4	PC	43 g		M 10 X 50
	30	X54799100090	SPACER SLEEVE		4	PC	20 g		
	40	X54714100080	GASKET		1	PC	30,8 g		
142	50	X54714800303	EGR BYPASS FLAP		1	PC	8,5 kg	EM	
	60	X54799100090	SPACER SLEEVE		8	PC	20 g		
	70	5249900605	BOLT HEX CAP	BR 4000	8	PC	37,9 g		M 10 X 40
	80	X54799100771	GASKET		2	PC	24,4 g		
	100	X54799100090	SPACER SLEEVE		8	PC	20 g		
	110	5249900605	BOLT HEX CAP	BR 4000	8	PC	37,9 g		M 10 X 40
	120	X54799100771	GASKET		2	PC	24,4 g		
143		X54714800304	EGR SHUT-OFF FLAP		1	ST	8,5 kg	EM	



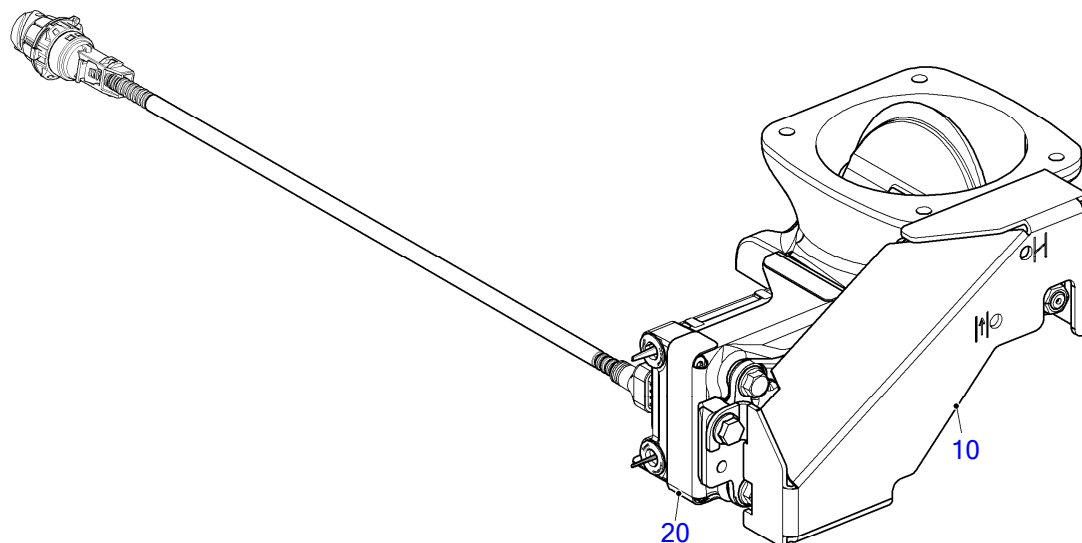
TD0000023256_144

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT
	10	XP54714800365	ASSEMBLY KIT	GELENKSTANGE+EINZELTEILE	1	PC	0,22 kg	
	20	X00E50211072	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	XP54714800364	ASSEMBLY KIT	ABSCHIRMBLECH+GELENKSTANGE+ET	1	PC	0,92 kg	
	20	X00E50211072	ACTUATOR	R244 CAN 7F 6,5NM 100GRD	1	PC	1,064 kg	MIT KUEHLKANALBESCHICHTUNG



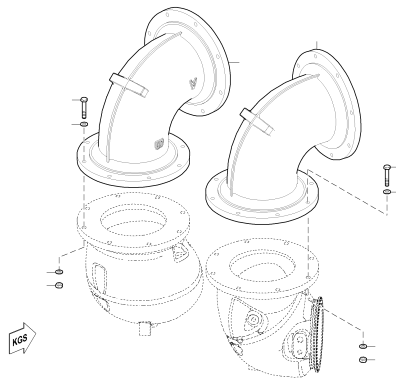
TD0000022361_144

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT
	10	XP54714800363	ASSEMBLY KIT	ABSCHIRMBLECH+GELENKSTANGE+ET	1	PC	1,04 kg	
	20	X00E50211072	ACTUATOR	R244 CAN 7F 6,5NM 100GRD	1	PC	1,064 kg	MIT KUEHLKANALBESCHICHTUNG

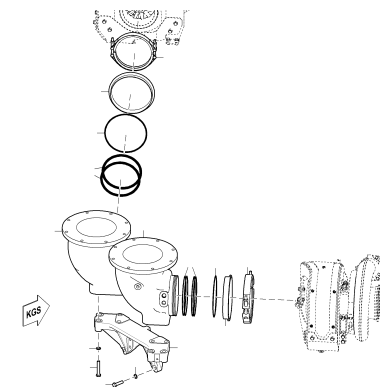
GROUP SEGMENT (FGS)

GROUP NAME

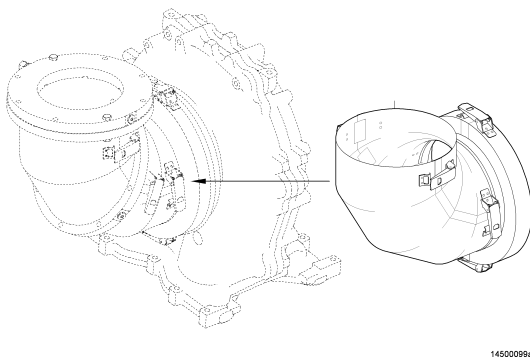
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05

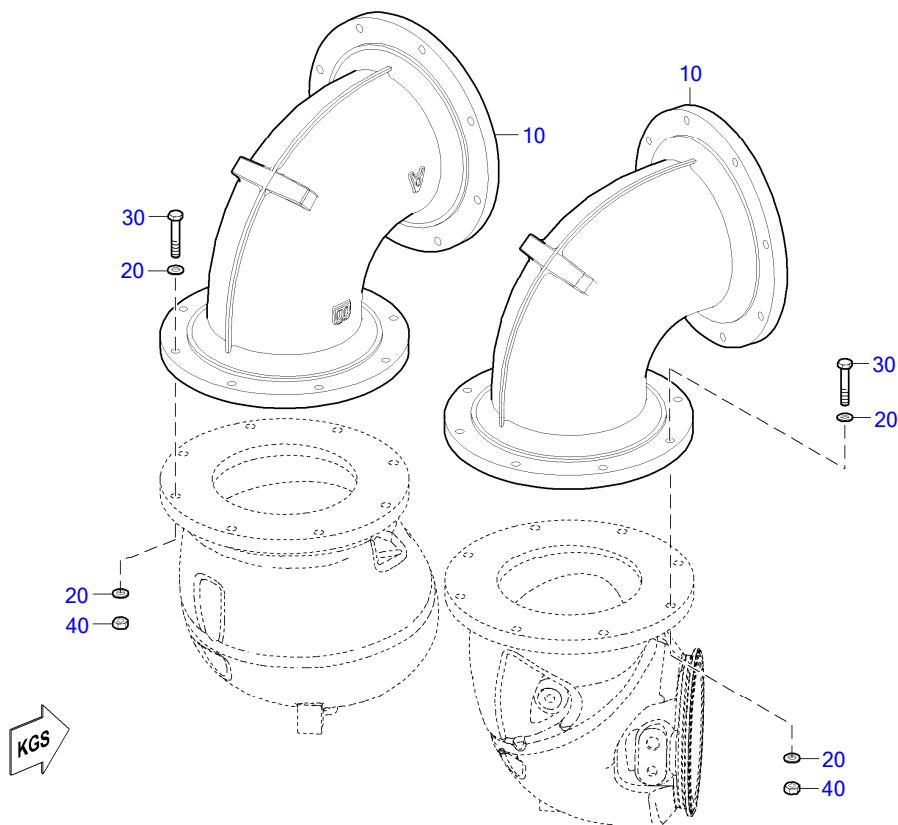
EXH.LINES AFTER ENG. HORIZONTAL
XS547140.00103

05

EXH. LINES AFTER TC VERTICAL
XS547140.00173

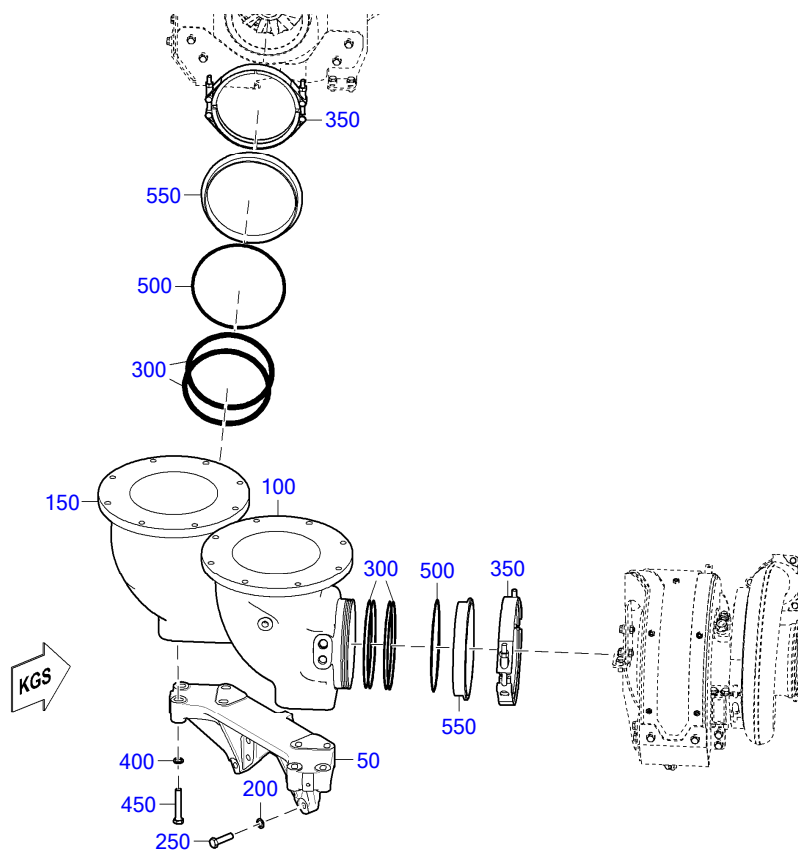
05

INSULATION FOR EXHAUST ELBOW
XS594140.00011



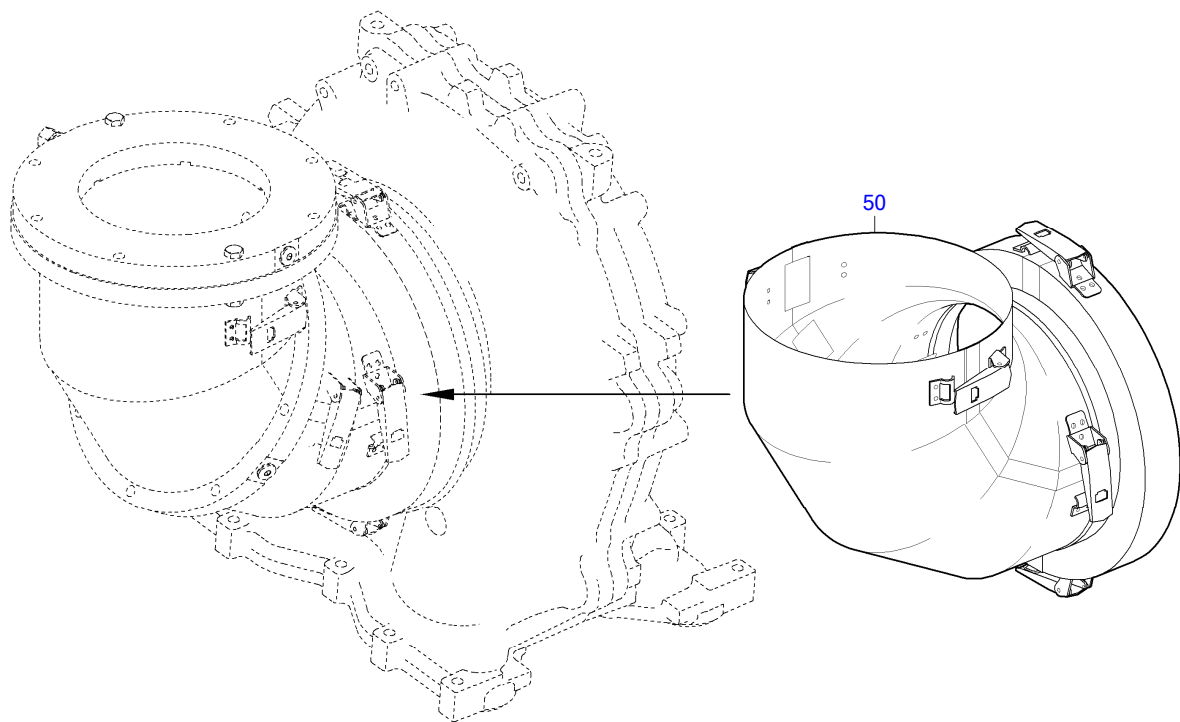
14500217

	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	3,1 g		A 10,5	DIN125
	30	000000003347	HEX SCREW	16	PC	37,5 g		M 10 X 55	ISO4017
	40	200934010000	NUT HEX	16	PC	10,4 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	23,5 kg	EM		
	150	X54714500077	EXHAUST ELBOW RIGHT, W/INSULATION	1	PC	23,5 kg	EM		
	200	200433013001	WASHER	6	PC	2,6 g	13		DIN433
	250	204017012014	HEX SCREW	6	PC	45 g		M 12 X 45	ISO4017
	300	X54799100237	SEAL RING	8	PC	30 g			
	350	X54799100740	V-BAND CLAMP	2	PC	1,449 kg			
	400	200433013001	WASHER	8	PC	2,6 g	13		DIN433
	450	000000001710	HEX SCREW	8	PC	68,5 g		M 12 X 70	ISO4017
	500	X54714100066	GASKET FOR EXHAUST DUCTING	2	PC	195,5 g			
	550	X54799100904	COLLAR RING AFTER TURBINE	2	PC	659,3 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 INSULATI ON 90 DEG VERTICAL	2	PC	4,346 kg

GROUP SEGMENT (FGS)

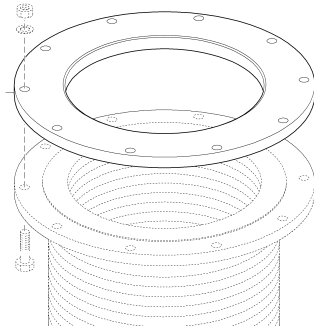
GROUP NAME

BOM-No.

05

FLANGE

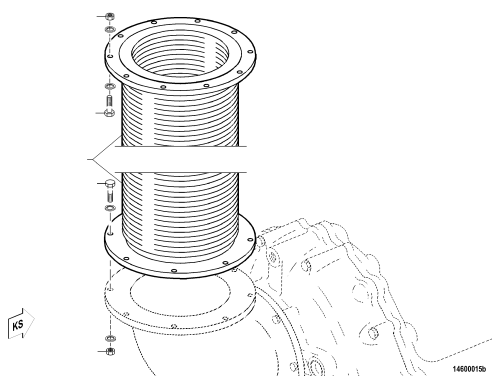
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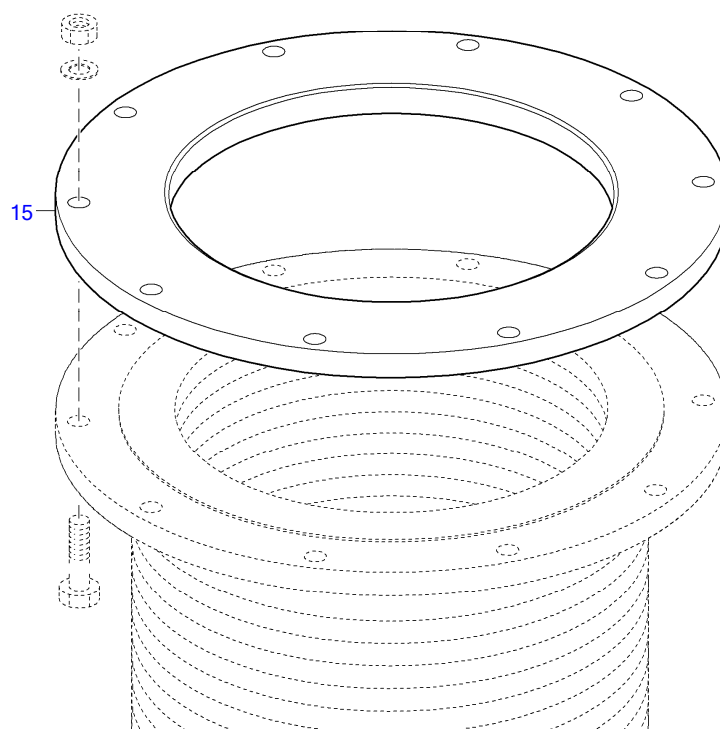


05

EXH PIPE BELLOWS

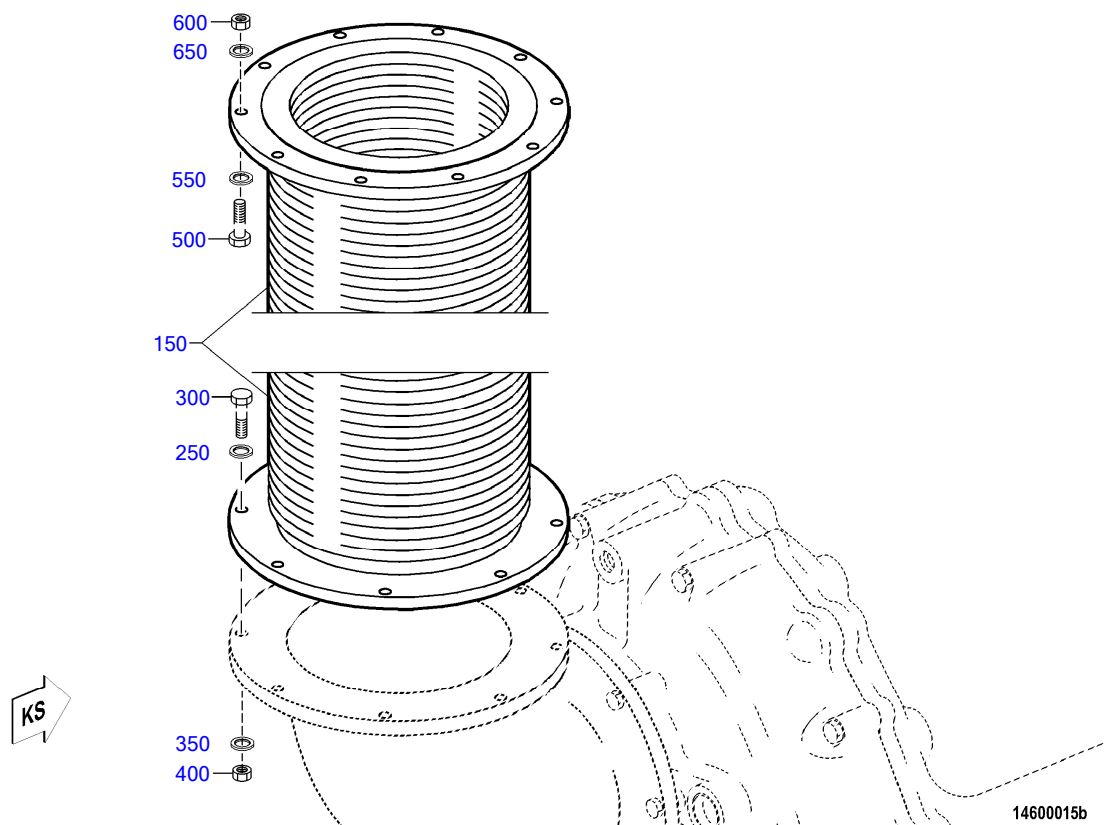
XS594140.00004





TD0000024004_146

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

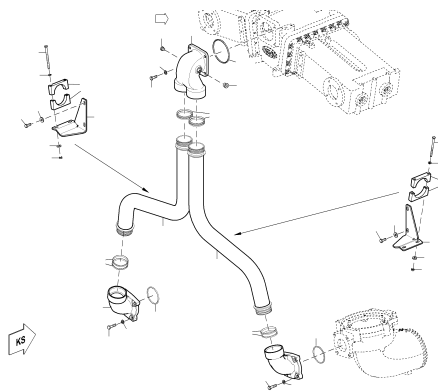


☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	150	0001400182/87	EXH PIPE BELLOWS WITH TEST CERT. 3.1	2	PC	14,388 kg		
	250	200433010500	WASHER	16	PC	1,9 g	10,5	DIN433
	300	200931010002	HEX SCREW	16	PC	38 g	M 10 X 50	DIN931
	350	200433010500	WASHER	16	PC	1,9 g	10,5	DIN433
	400	200934010000	NUT HEX	16	PC	10,4 g	M 10	DIN934
	500	200931010002	HEX SCREW	20	PC	38 g	M 10 X 50	DIN931
	550	200433010500	WASHER	20	PC	1,9 g	10,5	DIN433
	600	200934010000	NUT HEX	20	PC	10,4 g	M 10	DIN934
	650	200433010500	WASHER	20	PC	1,9 g	10,5	DIN433

GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.

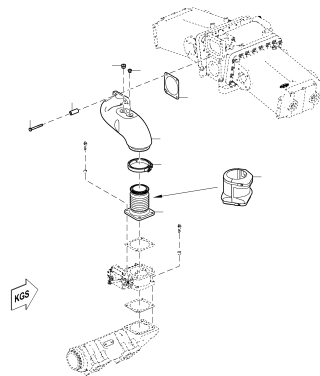


14000155

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EXHAUST SYSTEM AFTER EGR COOLER

XS547140.00049

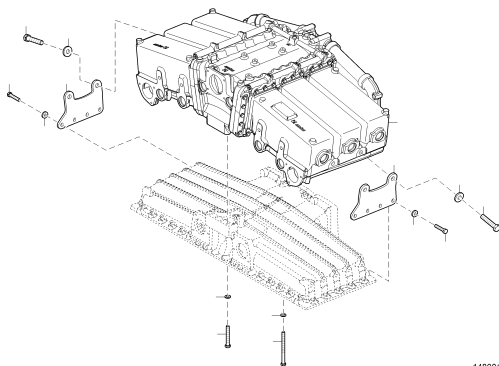


14800100

05

EXHAUST SYSTEM BEFORE EGR COOLER

XS548140.00049

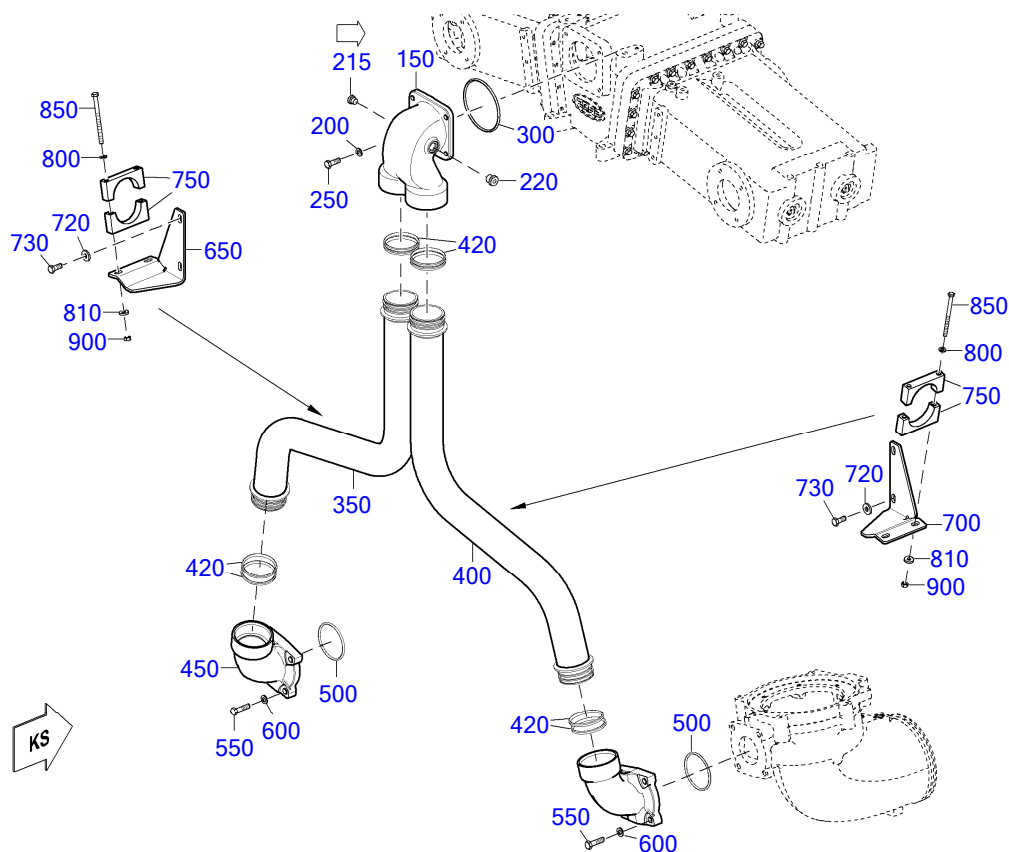


14800101

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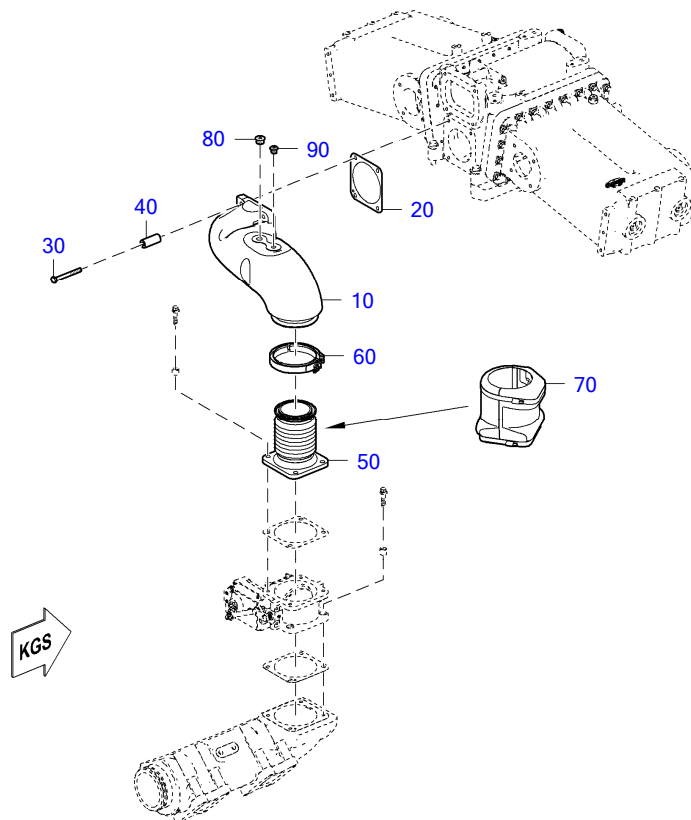
EGR COOLER

XS548140.00054



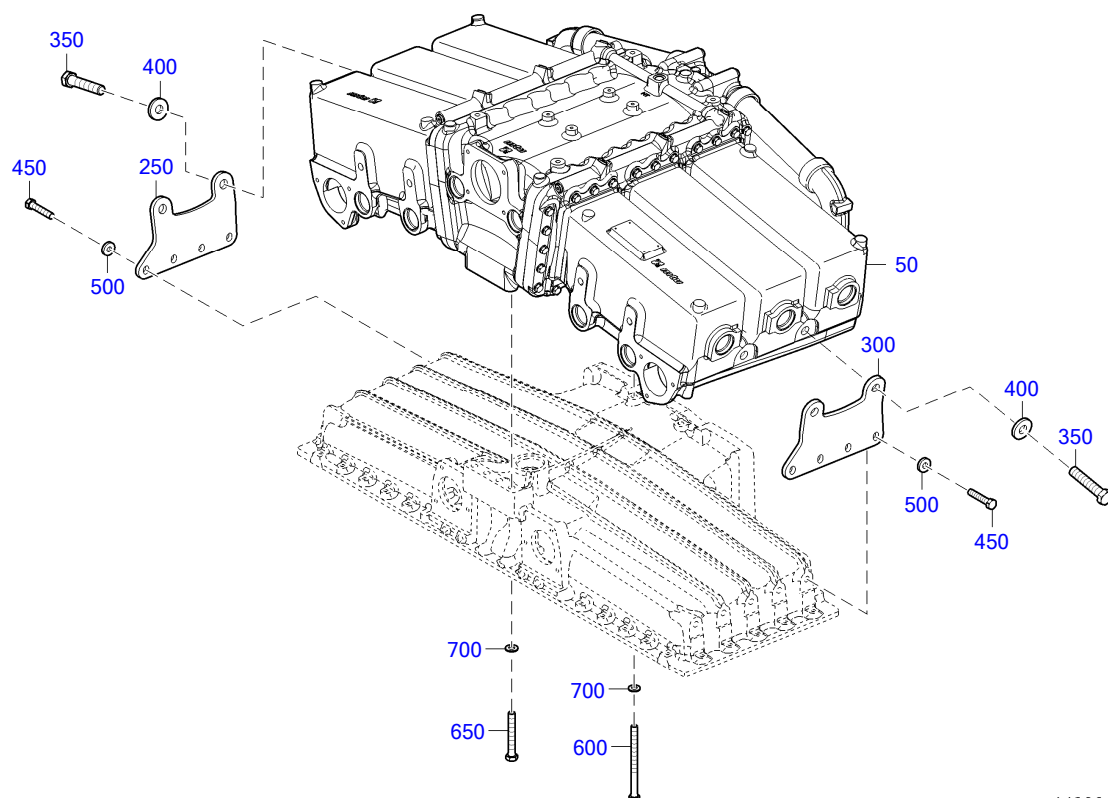
14000155

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	150	X54714800235	EGR ELBOW AFTER EGR COOLER	1	PC	5,3 kg	EM		
	200	000125010524	WASHER	4	PC	3,1 g		A 10,5	DIN125
35	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	24,9 g		M 10 X 30	ISO4017
	300	735254115000	O-RING	1	PC	13,8 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	8,7 g		70 X 5	MTN5254
	450	X54714800240	ELBOW AFTER EGR COOLER	2	PC	3,8 kg	EM	180X170X120	
	500	735254080000	O-RING	2	PC	10,1 g		80 X 5	MTN5254
	550	000000001039	HEX SCREW	8	PC	29,8 g		M 10 X 40	ISO4017
	600	000125010524	WASHER	8	PC	3,1 g		A 10,5	DIN125
	650	X54714800236	RETAINER F.EXH.GAS RECIRC.	1	PC	1,1 kg		178X125X123	
	700	X54714800237	RETAINER F.EXH.GAS RECIRC.	1	PC	1,1 kg		178X125X123	
	720	000000004172	WASHER	4	PC	11,1 g		10,5	DIN7349
	730	000000003021	HEX SCREW	4	PC	22,8 g		M 10 X 25	ISO4017
	750	X54799100045	PIPE HALF-CLAMP	4	PC	377,4 g			
	800	000125008427	WASHER	4	PC	1,5 g		A 8,4	DIN125
	810	000000003331	WASHER	4	PC	7,7 g		8,4	DIN7349
	850	000931008257	HEX SCREW	4	PC	47,6 g		M 8 X115	DIN931
	900	000000002221	HEX NUT	4	PC	4,8 g		M 8	ISO4032



14800100

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	10	X54814800201	EXHAUST PIPE BEFORE EGR COOLER	1	PC	11,5 kg	EM		
	20	X54799100771	GASKET	1	PC	24,4 g			
	30	000000003322	HEX SCREW	4	PC	60,8 g		M 10 X 90	ISO4014
	40	X52614100012	SPACER SLEEVE	4	PC	74,8 g			
	50	X54814100018	EXH PIPE BELLOWS BEFORE EGR COOLER	1	PC	2,764 kg	EM		
	60	X54899100077	V-BAND CLAMP	1	PC	298,7 g			
	70	X54814100011	INSULATION FOR EXHAUST DUCTING	1	PC	476 g	EM		
	80	000908018008	PLUG	1	PC	0,029 kg		M 18 X 1,5	DIN908
	90	000000003342	PLUG	1	PC	0,015 kg		M 14 X 1,5	DIN908



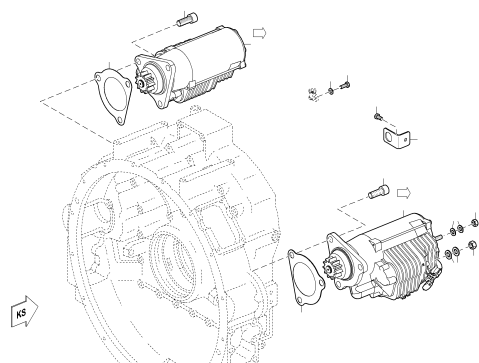
14800101

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	50	X54814800214	EGR COOLER	1	PC		EM		
	250	X54899100095	RETAINER FOR COOLER	1	PC	2,381 kg			
	300	X54899100096	RETAINER FOR COOLER	1	PC	2,29 kg		2,394	
	350	000000003107	HEX SCREW	4	PC	140,5 g		M 16 X 80	ISO4017
	400	007349017002	WASHER	4	PC	41,3 g		17	DIN7349
	450	000000001040	HEX SCREW	8	PC	58,3 g		M 12 X 60	ISO4017
	500	007349013002	WASHER	8	PC	24,5 g		13	DIN7349
	600	204017012022	HEX SCREW	2	PC	122,9 g		M 12 X150	ISO4017
	650	000000003048	HEX SCREW	4	PC	75,1 g		M 12 X 85	ISO4017
	700	000125013012	WASHER	6	PC	5,6 g		A 13	DIN125

GROUP SEGMENT (FGS)

GROUP NAME

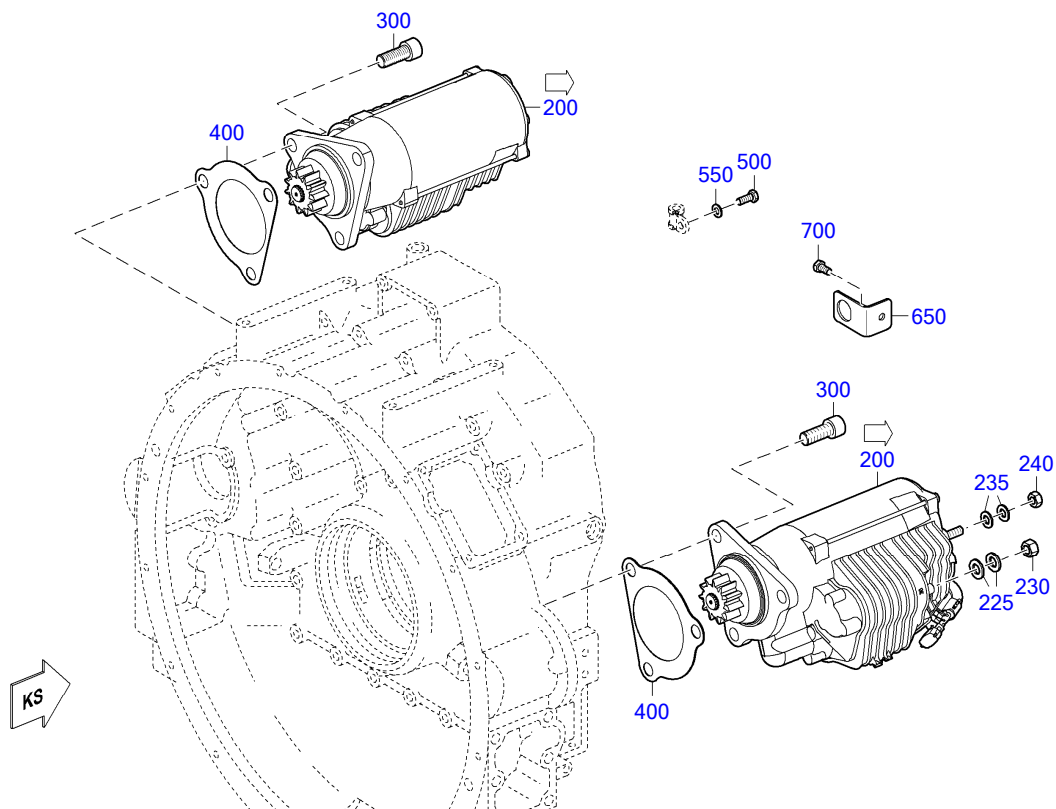
BOM-No.



05

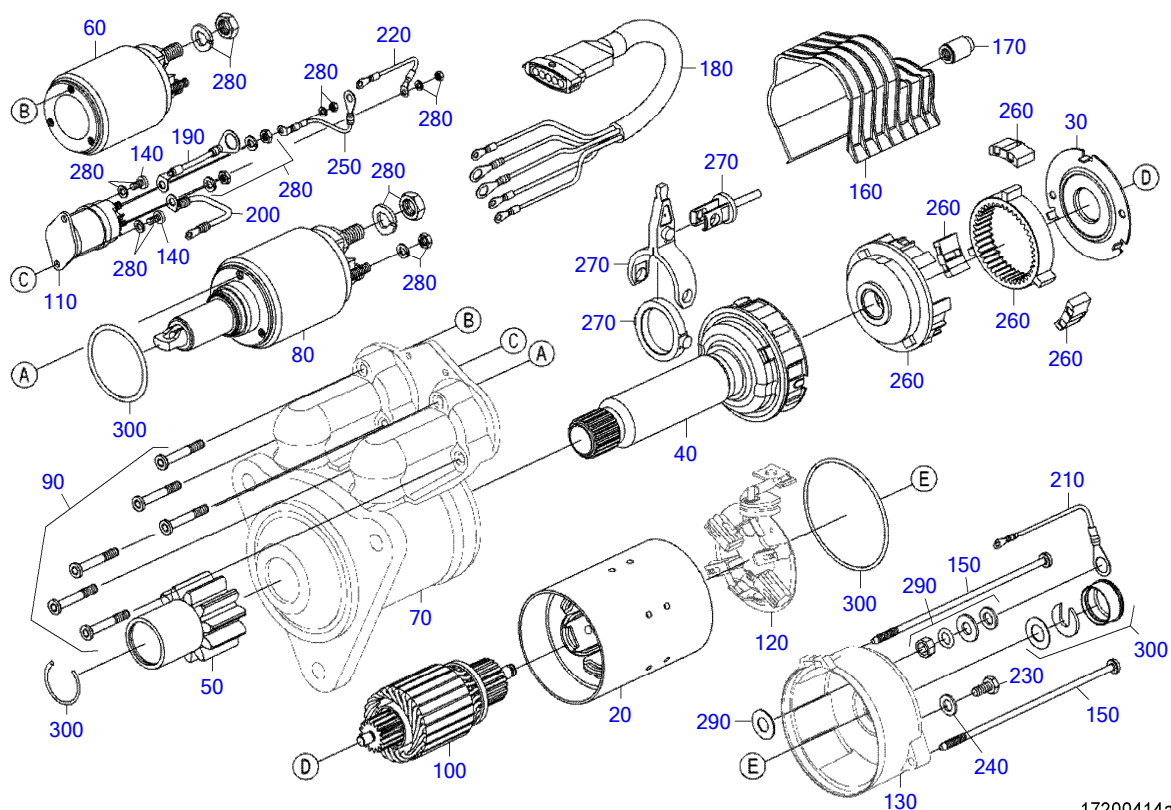
ELECTRIC STARTER

XS526170.00030



17200576

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
157	200	X52417200001	STARTER		2	PC	16 kg		
	225	000125013012	WASHER		4	PC	5,6 g	A 13	DIN125
	230	000000004744	HEX NUT		2	PC	14,3 g	M 12	ISO4032
	235	000125010524	WASHER		4	PC	3,1 g	A 10,5	DIN125
	240	000000003187	NUT HEX A3C		2	PC	9,2 g	M 10	ISO4032
	300	000912016002	BOLT HEX SOC HD		6	PC	90 g	M 16 X 40	DIN912
	400	X52417200062	SPACER PLATE		2	PC	0,063 kg		
	500	304017008079	HEX SCREW		5	PC	11,7 g	M 8 X 20	ISO4017
	550	000125008427	WASHER		5	PC	1,5 g	A 8,4	DIN125
	650	5225460043	BRACKET L H:49	12/16V2000SG	1	PC	75 g		
	700	304017008077	HEX SCREW		1	PC	10,5 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	2,6 kg		
	50	XP52417200027	PINION		1	PC			
	60	XP52417200028	RELAY		1	PC	1,31 kg		
	70	XP52417200029	DRIVE-END BEARING		1	PC			
	80	XP52417200030	ENGAGEMENT RELAY		1	PC	1,34 kg		
	90	XP52417200031	COUNTERSUNK HD SCREW		1	PC	0,025 kg		
	100	XP52417200032	ARMATURE		6	PC			
	110	XP52417200033	RELAY		1	PC	0,23 kg		
	120	XP52417200034	COMMUTATOR BEARING		1	PC	8 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 kg		
	170	XP52417200039	NUT	BEFESTIGUNGSTEIL	2	PC	7,2 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	2,16 kg		

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000C65
STARTER

SERIAL NUMBER: 5482000021

FG/FGS:

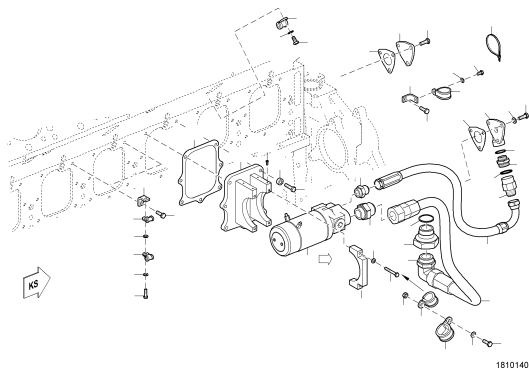
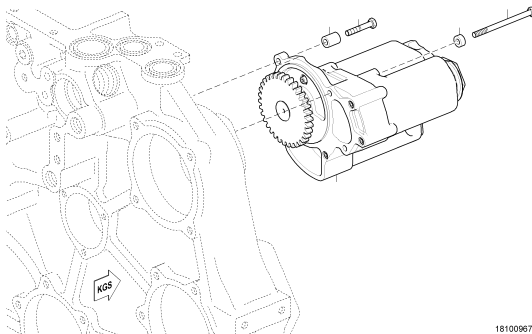
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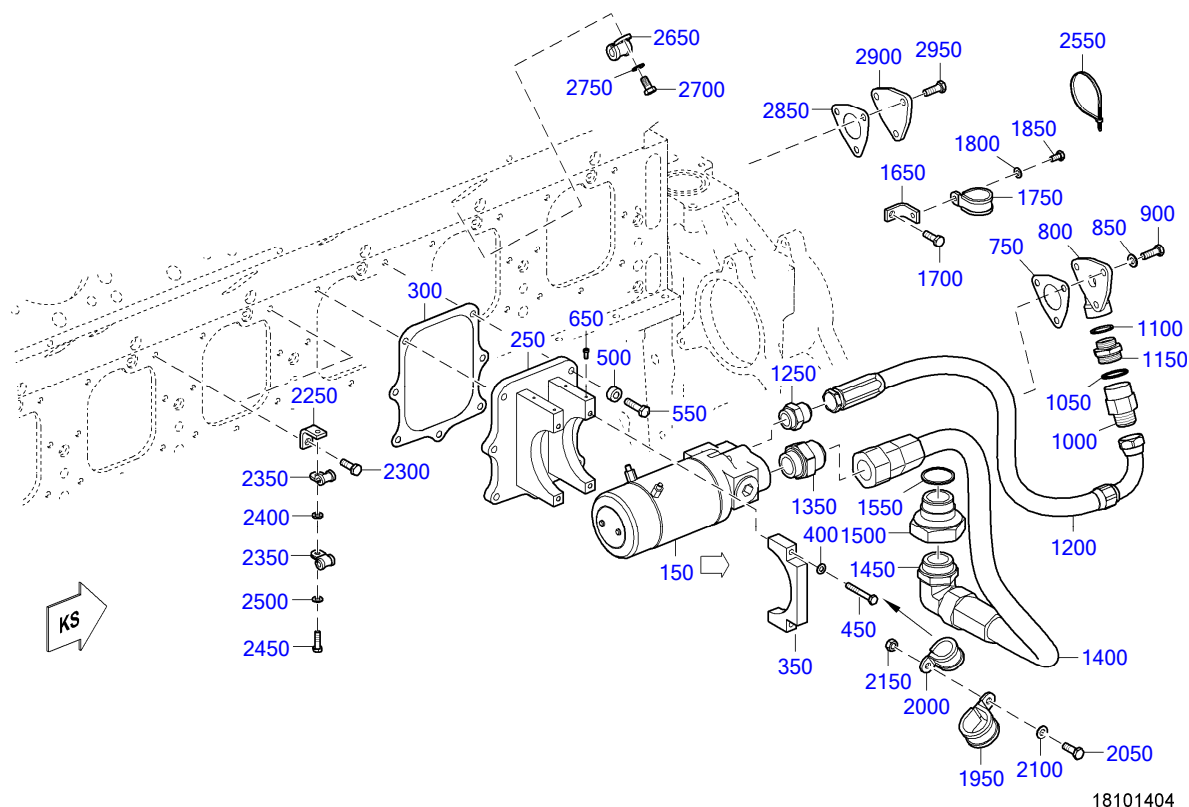
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	270	XP52417200049	PARTS KIT	GABELHEBEL	1	PC			
	280	XP52417200050	PARTS KIT	ANSCHLUSSVERSCHRAUBUNG	1	PC	0,075 kg		
	290	XP52417200051	PARTS KIT	ISOLIERSCHEIBE	1	PC	0,013 kg		
	300	XP52417200052	PARTS KIT	VERSCHLEISSTEIL	1	PC	0,094 kg		

GROUP SEGMENT (FGS)

GROUP NAME

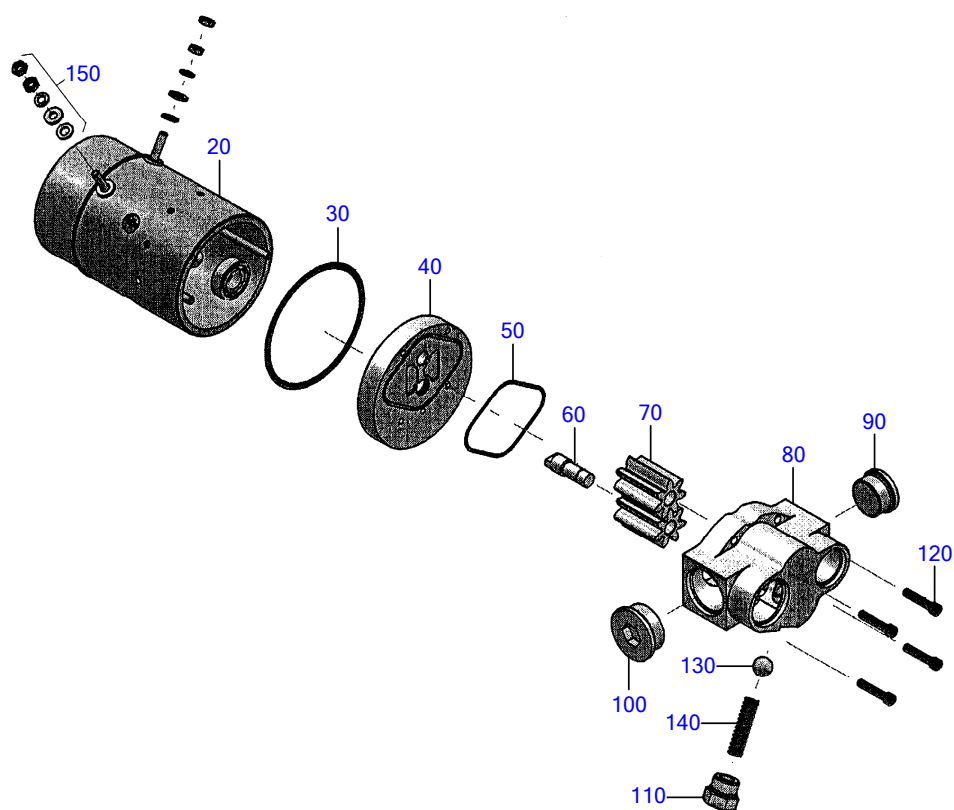
BOM-No.

05
STARTING-PRELUBE
XS548180.0001205
OIL PUMP
XS595180.00068



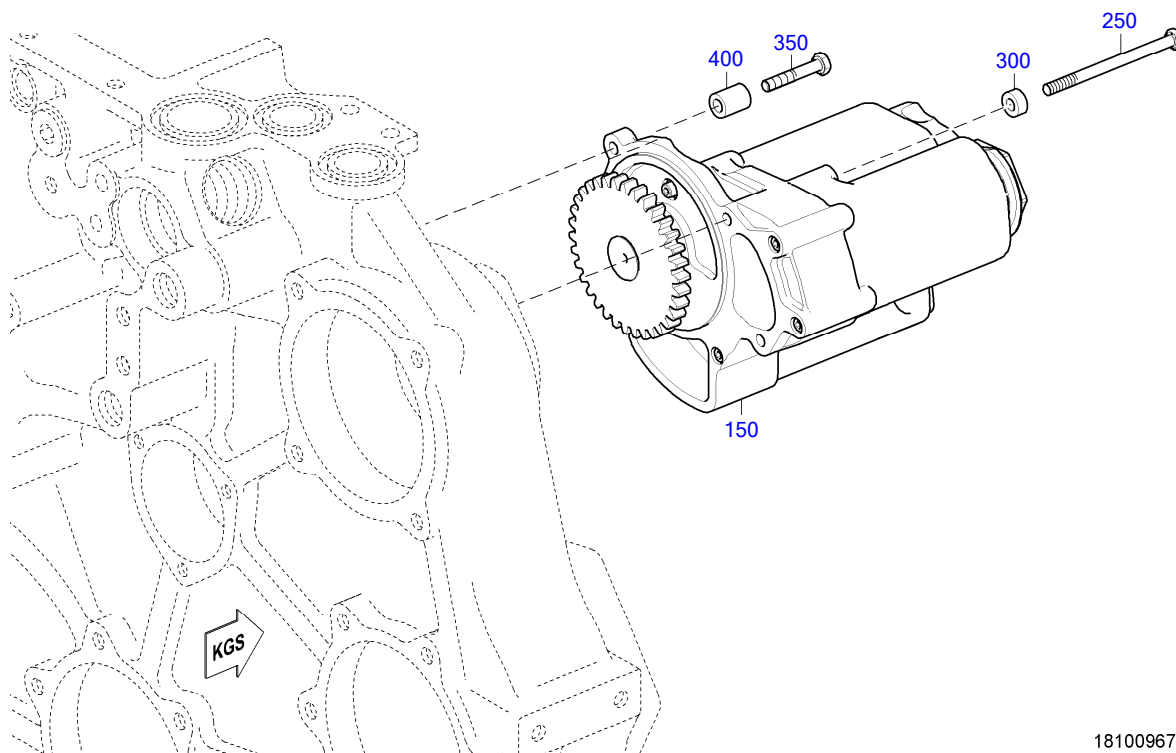
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160	150	X00026836 PUMP HIGH VOLUME 24V MOTOR P4K-40 MTED		1	PC	9,1 kg		
	250	X00036290 COVER INSPECT PORT HALF CLAMP TUBE		1	PC	7,1 kg		
	300	5240111380 GASKET		1	PC	25 g		
	350	X00036292 CLAMP HALF TUBE		2	PC	648,3 g		
	400	000125008427 WASHER		4	PC	1,5 g	A 8,4	DIN125
	450	304017008089 HEX SCREW		4	PC	24,2 g	M 8 X 60	ISO4017
	500	735151010200 SPACER S2000/4000		7	PC	22,1 g	B 10,5	MTN5151
	550	000000001039 HEX SCREW		7	PC	29,8 g	M 10 X 40	ISO4017
	650	000084005404 SCREW		2	PC	2,5 g	M 5 X 12	DIN84
	750	5241880180 GASKET		1	PC	6,2 g	1X120X120	
	800	X59618800017 CONNECTING FLANGE FOR OIL PRIMING		1	PC	663,6 g		
	850	000125010524 WASHER		3	PC	3,1 g	A 10,5	DIN125
	900	000000001464 HEX SCREW		3	PC	24,9 g	M 10 X 30	ISO4017
	1000	X59699100105 NON-RETURN VALVE FOR OIL PRIMING		1	PC	285 g		
	1050	007603036100 SEALING RING		1	PC	1,6 g	A 36 X 42	DIN7603
	1100	007603030100 SEALING RING		1	PC	1,3 g	A 30 X 36	DIN7603
	1150	X59699100143 REDUCTION UNION		1	PC	118,9 g		
	1200	BELV0314 HOSE FOR OIL PRIMING PUM		1	PC	1,1 kg		
	1250	23540206 FITTING STRAIGHT #16 STO - #16 JIC		1	PC	205,8 g		
	1350	23540205 FITTING STRAIGHT #20 STO - #24 JIC		1	PC	487,5 g	20 STOR - 24 JIC	
	1400	BGLL0343 HOSE		1	PC	2,082 kg		
	1450	X59699100097 UNION FOR OIL PRIMING		1	PC	1 kg		
	1500	X54799100903 UNION FOR OIL PRIMING		1	PC	940,2 g	M48X2	
	1550	700429044001 O-RING		1	PC	3,2 g	44,04X 3,53	MMN429

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	1650	5551870640	RETAINER		1	PC	54,9 g		
	1700	000000001464	HEX SCREW		1	PC	24,9 g	M 10 X 30	ISO4017
	1750	916016035201	CLAMP		1	PC	43 g	BRSGU 35/20	N16016
	1800	000125008427	WASHER		1	PC	1,5 g	A 8,4	DIN125
	1850	304017008077	HEX SCREW		1	PC	10,5 g	M 8 X 16	ISO4017
	1950	0009952201	PIPE CLAMP		1	PC	73 g	42/25	N16016
	2000	916016030201	CLAMP		1	PC	60 g	BRSGU 30/25	N16016
	2050	000000001464	HEX SCREW		1	PC	24,9 g	M 10 X 30	ISO4017
	2100	000125010524	WASHER		1	PC	3,1 g	A 10,5	DIN125
	2150	000000003187	NUT HEX A3C		1	PC	9,2 g	M 10	ISO4032
	2250	5551870640	RETAINER		5	PC	54,9 g		
	2300	000000001464	HEX SCREW		5	PC	24,9 g	M 10 X 30	ISO4017
	2350	916016008202	CLAMP		10	PC	17,9 g	BRSGU 8/20	N16016
	2400	007349008002	WASHER		5	PC	7,9 g	8,4	DIN7349
	2450	204017008031	HEX SCREW		5	PC	14,3 g	M 8 X 28	ISO4017
	2500	000125008427	WASHER		5	PC	1,5 g	A 8,4	DIN125
	2550	0005312181	QUICK-CATCH CLAMP	TYH/TYB 25M	1	PC	1 g	186X4,8X1,1MM D=3,5-45MM	
	2650	916016012201	CLAMP		1	PC	21 g	BRSGU 12/20	N16016
	2700	304017008077	HEX SCREW		1	PC	10,5 g	M 8 X 16	ISO4017
	2750	000125008427	WASHER		1	PC	1,5 g	A 8,4	DIN125
	2850	5241880180	GASKET		1	PC	6,2 g	1X120X120	
	2900	5241880202	COVER		1	PC	390 g		
	2950	000000003020	HEX SCREW		3	PC	20 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 g	
	40		PLATE	BR 4000	1	PC		KE
	50	X00040088	GASKET	BR 4000	1	PC	115 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 g	AC
	100	X00040128	PLUG	BR 4000	1	PC	180 g	AC
	110	X00040129	PLUG	BR 4000	1	PC	65 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 g	
	150	X00040113	CONNECTING HARDWARE	BR 4000	2	PC		



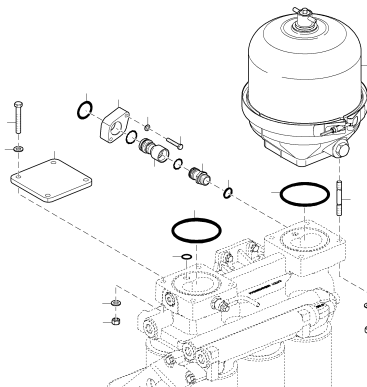
	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	150	X52818100006	OIL PUMP		1	PC	37 kg		
	250	304014010015	HEX SCREW		3	PC	90,9 g	M 10 X140	ISO4014
	300	735151010200	SPACER S2000/4000		3	PC	22,1 g	B 10,5	MTN5151
	350	304017010051	HEX SCREW		1	PC	40,2 g	M 10 X 60	ISO4017
	400	5241871853	SPACER SLEEVE	BR 4000	1	PC	65 g	11MM X 22MM L=28	

GROUP SEGMENT (FGS)

GROUP NAME

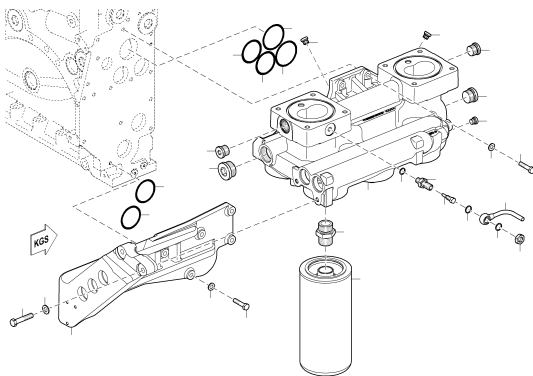
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00
CENTRIFUGAL OIL FLTR FOR 16V
XS548180.00011



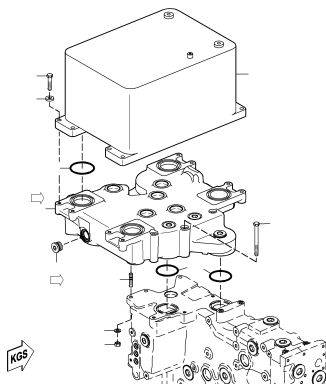
18301823

05
SAFETY OIL FILTER W/SUPPORT
XS548180.00009

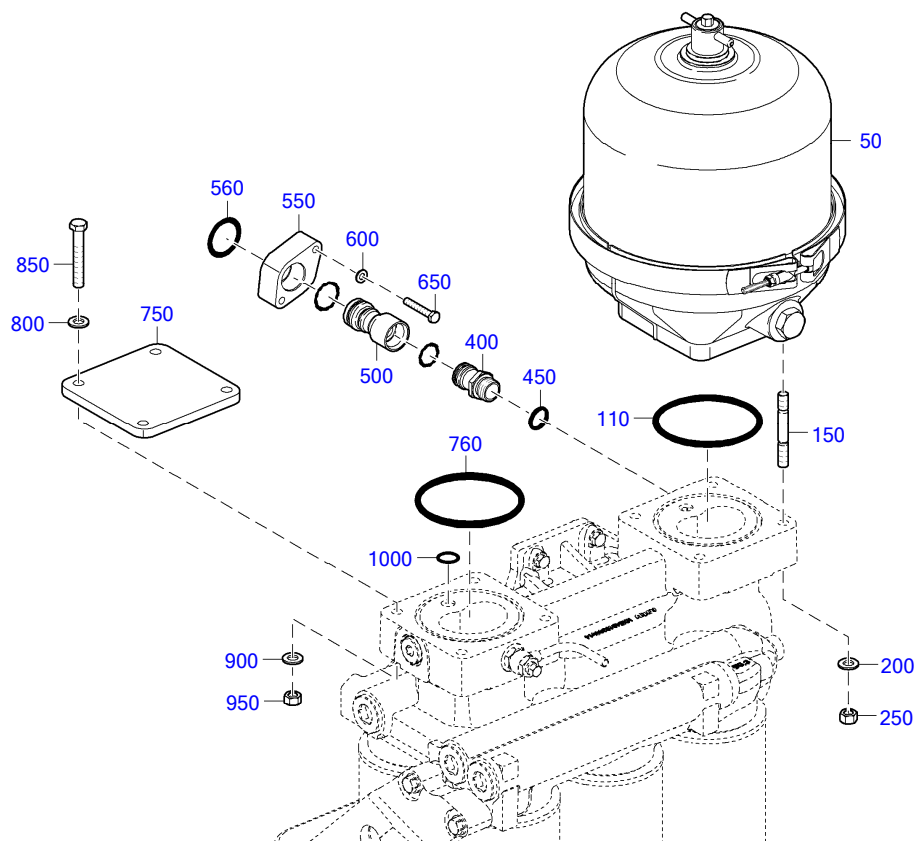


18301822

15
OIL COOLER
X00019312

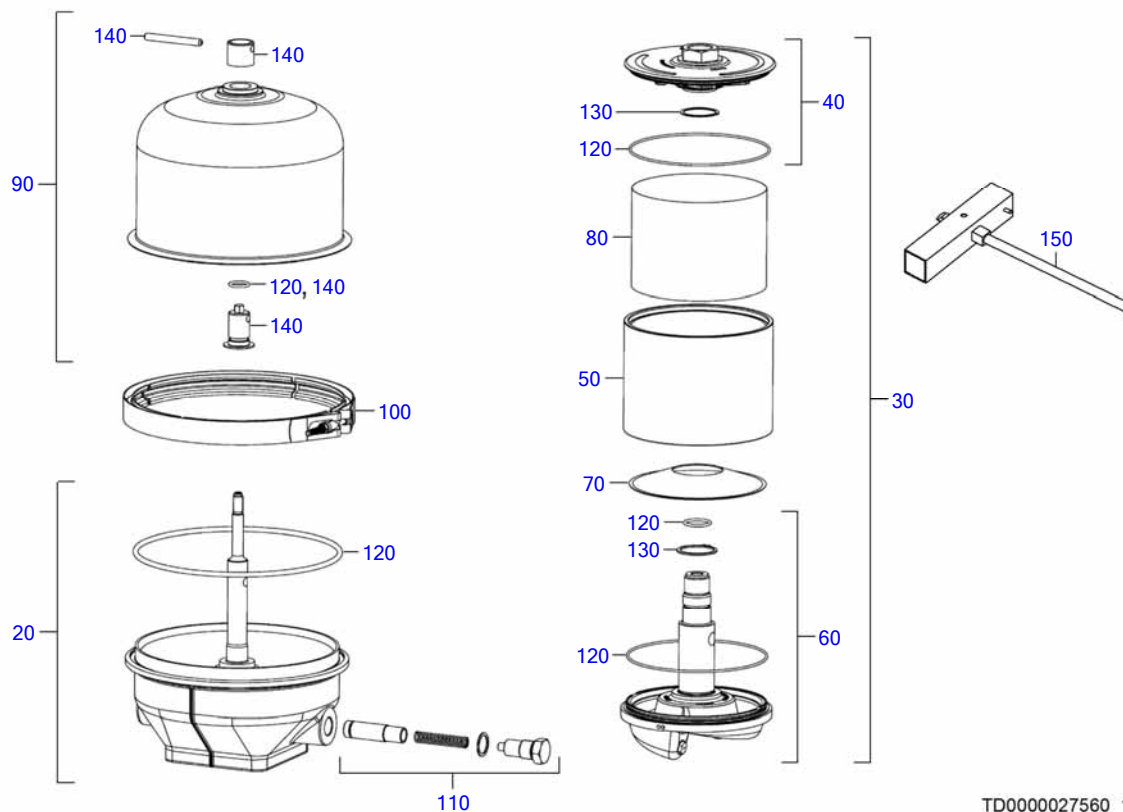


18300721b



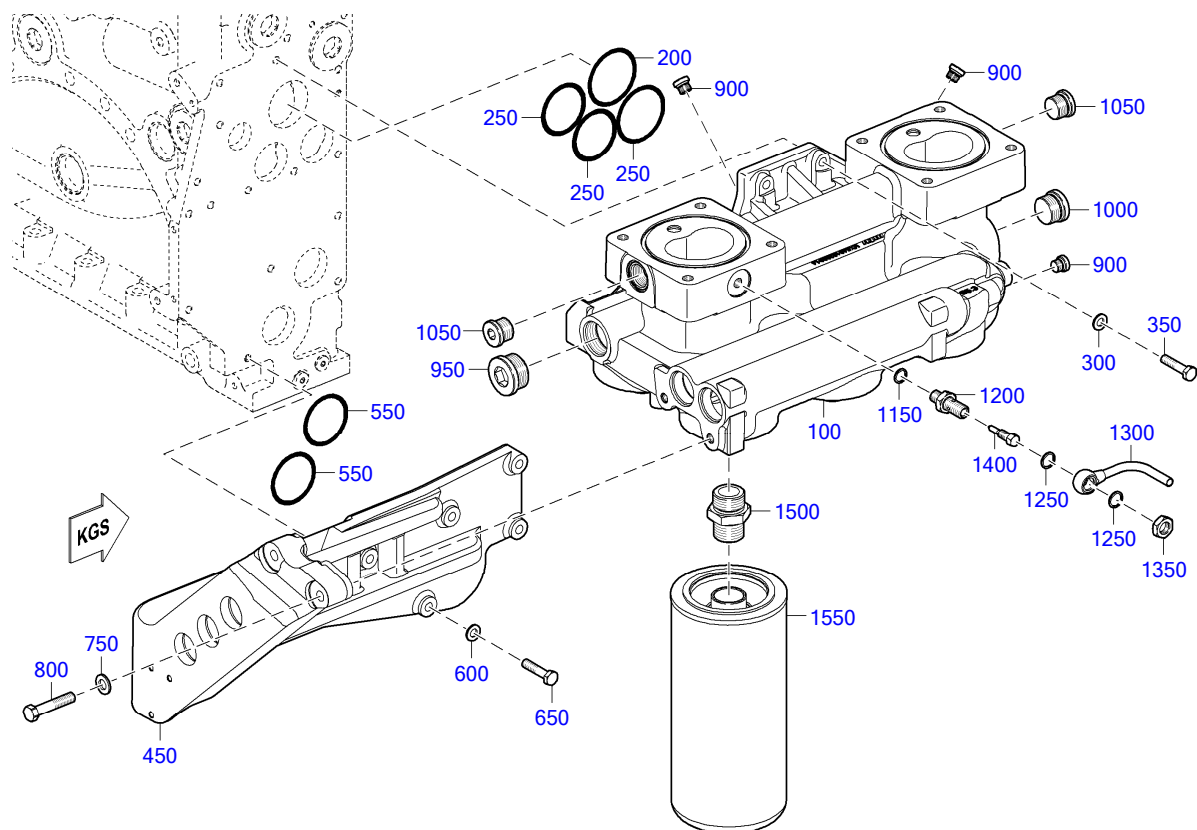
18301823

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
164	50	X52718300040	CENTRIFUGAL OIL FLTR		1	PC	20 kg		
	110	700429120000	O-RING		1	PC	10,8 g	120 X 4	MMN429
	150	000835012014	STUD		4	PC	77,8 g	M 12 X 75	DIN835
	200	000125013012	WASHER		4	PC	5,6 g	A 13	DIN125
	250	000000004744	HEX NUT		4	PC	14,3 g	M 12	ISO4032
	400	5269970172	UNION		1	PC	0,118 kg		
	450	5319970345	SEALING RING		1	PC	0,7 g		
	490	700429022003	O-RING		1	PC	2,2 g	22 X 4	MMN429
	500	X59318300009	SOCKET PIPE		1	PC	98,2 g		
	510	700429028002	O-RING		1	PC	2,8 g	28 X 4	MMN429
	550	5281840609	FLANGE	BR 4000	1	PC	221 g		
	560	700429042002	O-RING		1	PC	3,8 g	42 X 4	MMN429
	600	000125008427	WASHER		2	PC	1,5 g	A 8,4	DIN125
	650	304017008087	HEX SCREW		2	PC	21,3 g	M 8 X 50	ISO4017
	750	X54899100120	END COVER FOR OIL FILTER		1	PC	790 g		
	760	700429120000	O-RING		1	PC	10,8 g	120 X 4	MMN429
	800	000125013012	WASHER		4	PC	5,6 g	A 13	DIN125
	850	000000002088	HEX SCREW		4	PC	72,4 g	M 12 X 80	ISO4017
	900	000125013012	WASHER		4	PC	5,6 g	A 13	DIN125
	950	000000004744	HEX NUT		4	PC	14,3 g	M 12	ISO4032
	1000	700429021002	O-RING		1	PC	1,2 g	21 X 3	MMN429



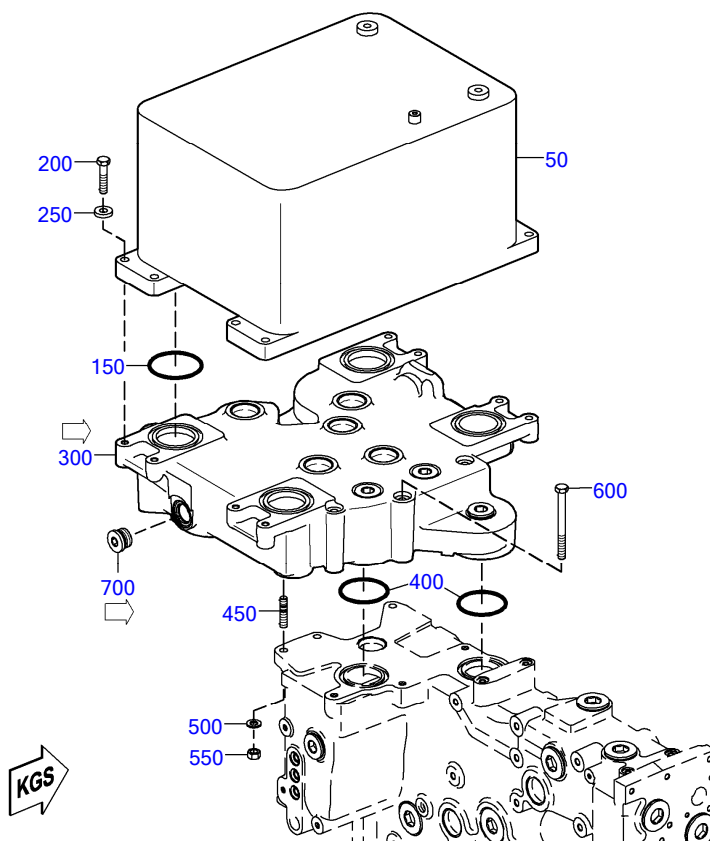
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☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
	20	XP52718300054	HSNG; BOTTOM SECTION	1	PC	
	30	XP52718300055	ROTOR ASSEMBLY	1	PC	
	40	XP52718300056	ROTOR COVER ASSEMBLY	1	PC	
	50	XP52718300057	ROTOR TUBE	1	PC	
	60	XP52718300058	ROTOR BASE ASSEMBLY	1	PC	
	70	XP52718300059	SEPARATION CONE	1	PC	
	80	XP52718300060	PAPER INSERT	1	PC	0,003 kg
	90	XP52718300061	COVER ASSEMBLY	1	PC	3,059 kg
	100	XP52718300062	V-BAND CLAMP	1	PC	1,22 kg
	110	XP52718300063	CUT OFF VALVE KIT	1	PC	0,511 kg
	120	XP52718300064	GASKET KIT	1	PC	0,11 kg
	130	XP52718300065	CIRCLIP KIT	1	PC	0,02 kg
	140	XP52718300066	FILTER COVER NUT KIT	1	PC	0,325 kg
	150	XP52718300067	ROTOR DISASSEMBLY TOOL	1	PC	1,461 kg



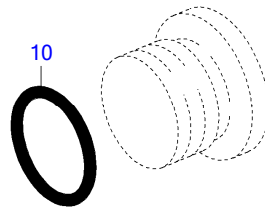
18301822

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	100	X54818300020	OIL FILTER HOUSING	1	PC	18,715 kg			
	200	700429065000	O-RING	1	PC	5,8 g		65 X 4	MMN429
	250	700429058001	O-RING	3	PC	6 g		58 X 4	MMN429
	300	000125010524	WASHER	8	PC	3,1 g		A 10,5	DIN125
	350	304017010035	HEX SCREW	8	PC	32,1 g		M 10 X 45	ISO4017
	450	X54818300017	RETAINER F.OIL FILTER MODULE	1	PC	0,999 g			
	550	700429058001	O-RING	2	PC	6 g		58 X 4	MMN429
	600	000125010524	WASHER	5	PC	3,1 g		A 10,5	DIN125
	650	304017010035	HEX SCREW	5	PC	32,1 g		M 10 X 45	ISO4017
	750	000125013012	WASHER	2	PC	5,6 g		A 13	DIN125
	800	000000001040	HEX SCREW	2	PC	58,3 g		M 12 X 60	ISO4017
35	900	735210014000	THREAD PLUG	5	PC	0,019 kg		M 14 X 1,5	MTN5210
	925	735210018000	PLUG	1	PC	0,036 kg		M 18 X 1,5	MTN5210
	950	735210042001	PLUG	3	PC	0,228 kg		M 42 X 2	MTN5210
	1000	735210033001	PLUG	1	PC	0,141 kg		M 33 X 2	MTN5210
	1050	735210027000	PLUG	2	PC	0,089 kg		M 27 X 2	MTN5210
	1150	007603014102	COPPER SEALING RING	1	PC	1 g		A 14 X 18	DIN7603
	1200	5849972672	UNION	1	PC	63,1 g			
	1250	007603016105	COPPER SEALING RING	2	PC	3 g		A 16 X 20	DIN7603
	1300	5241802019	TUBE ASM SOL OIL SUPPLY	1	PC	70 g	SB		
	1350	000439016200	NUT M16 04-2 DIN439	1	PC	20 g		B M 16	DIN439
	1400	5849900615	BOLT SPL M10 1.00X40 TO M6 0.2 8.8	1	PC	20 g			
	1500	5241840168	CONNECTOR OIL FLTR ADAP 59.8LG M36X1.5	6	PC	120 g			
	1550	X54718300033	OIL FILTER	6	PC	2,123 kg			



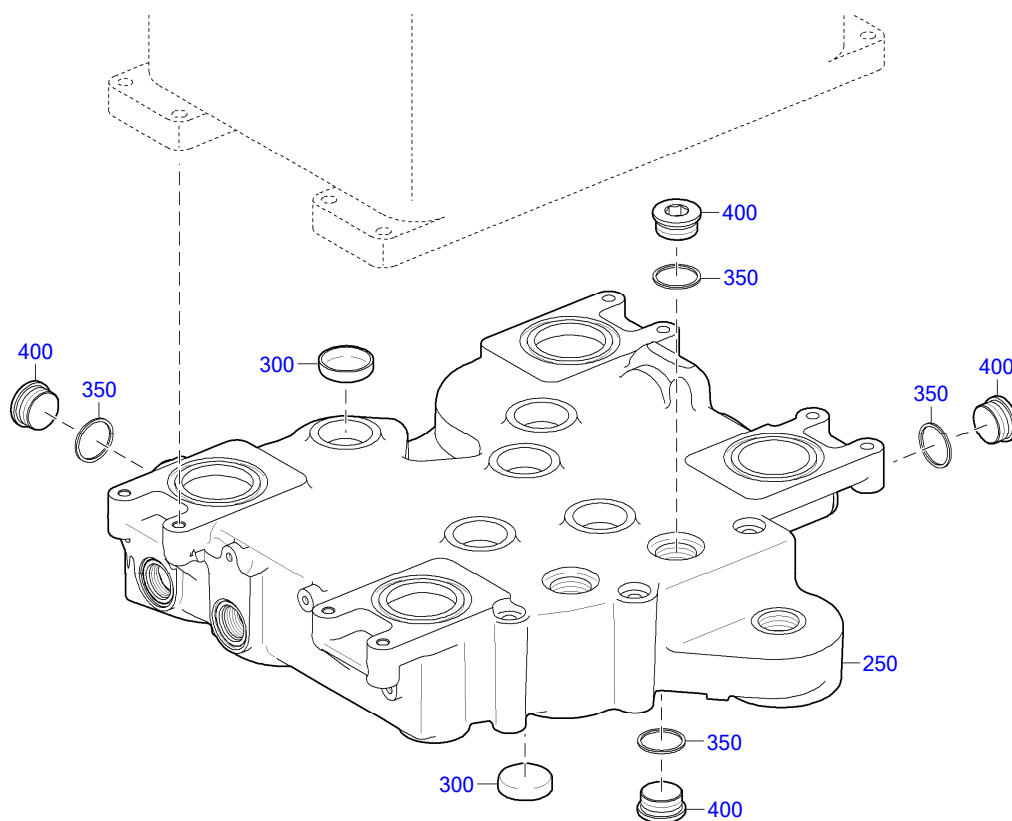
18300721b

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	50	X59618300045/87	OIL COOLER	1	PC	196 kg		
	150	700429083000	O-RING	4	PC	11,7 g	83 X 5	MMN429
	200	000000003926	HEX SCREW	8	PC	54 g	M 12 X 55	ISO4017
	250	007349013002	WASHER	8	PC	24,5 g	13	DIN7349
168	300	X59418300021	OIL. DISTR. HOUSING	1	PC	65 kg		
	400	700429075001	O-RING	2	PC	10,6 g	75 X 5	MMN429
	450	000939012061	STUD	3	PC	39,9 g	M 12 X 40	DIN939
	500	000125013012	WASHER	3	PC	5,6 g	A 13	DIN125
	550	000000004744	HEX NUT	3	PC	14,3 g	M 12	ISO4032
	600	000000003378	HEX SCREW	3	PC	122,1 g	M 12 X130	ISO4014
167	700	735210033000	PLUG	2	PC	0,142 kg	M 33 X 2	MTN5210



TD0000022038_181

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



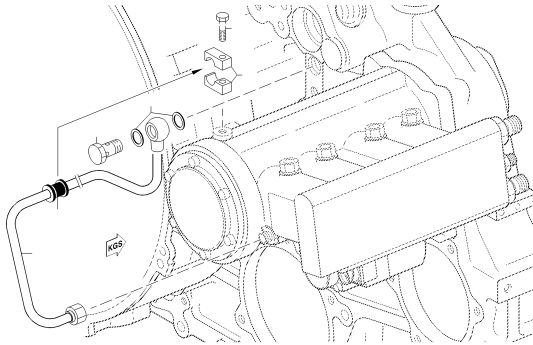
18300851b

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	250	X59418300020	OIL. DISTR. HOUSING	1	PC	64 kg		
	300	5249970020	SEALING CAP	9	PC	62,6 g	D 50	
	350	007603038101	COPPER SEALING RING	7	PC	5,4 g	A 38 X 44	DIN7603
	400	000908038000	THREAD PLUG	7	PC	0,15 kg	M 38 X 1,5	DIN908

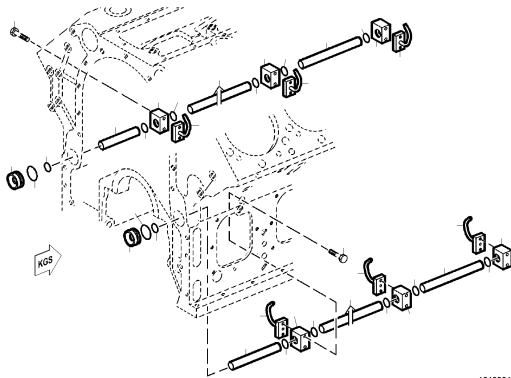
GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.

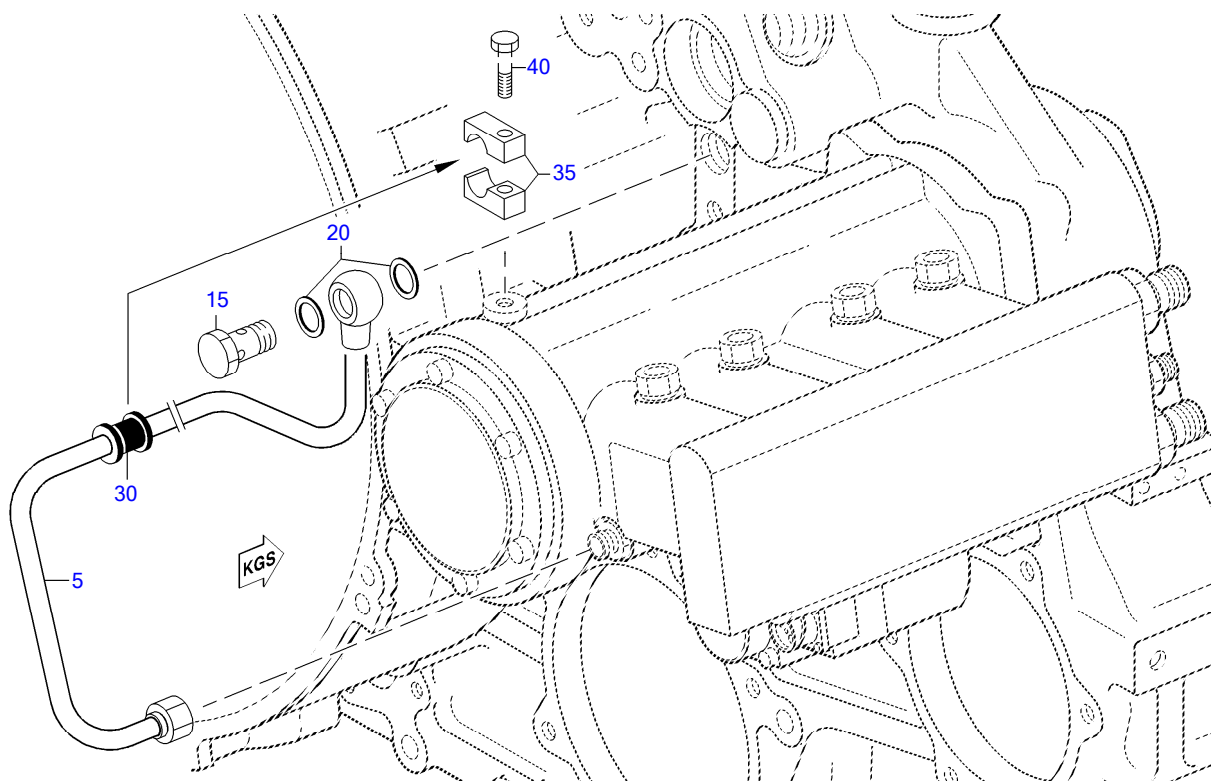


18300099a

05
OIL SUPPLY FOR HP PUMP
180.00150

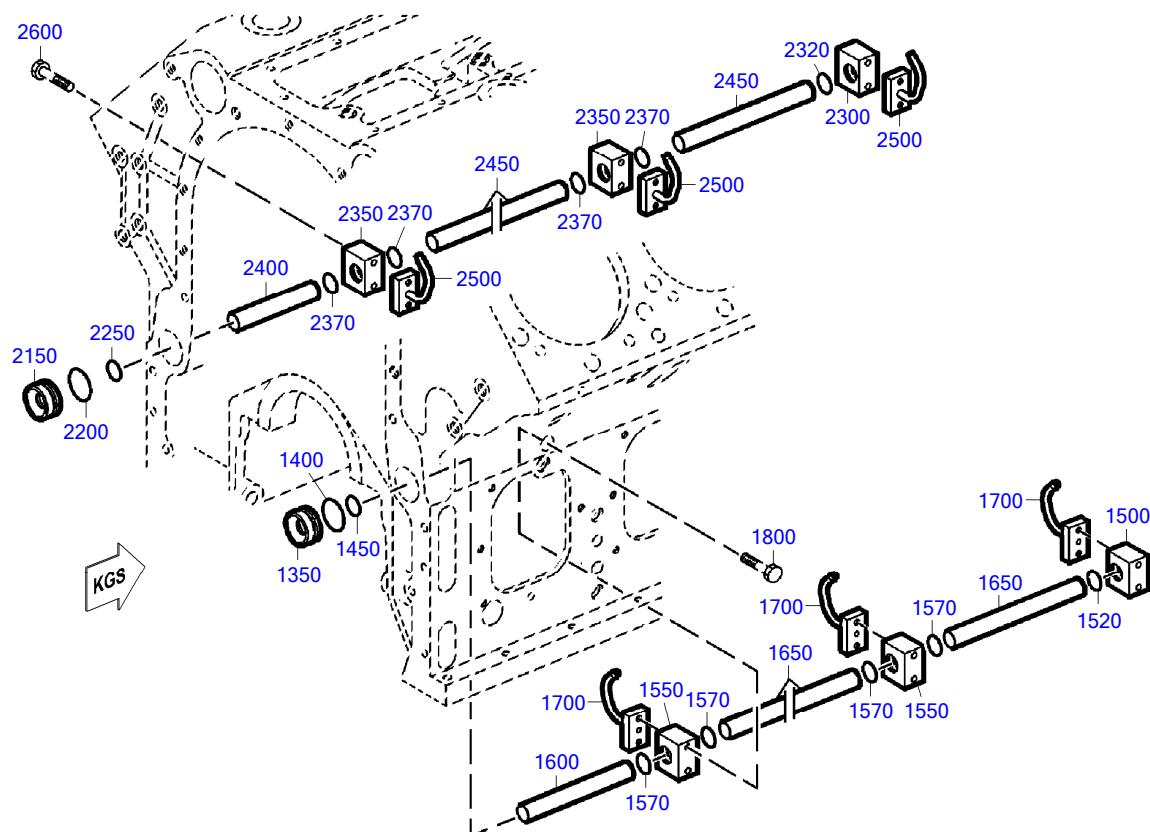
18400047c

10
OIL SYSTEM BASIC SCOPE
X00019302



18300099a

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	5	5281800319	TUBE HIGH PRESS FUEL PUMP LUBE OIL	1	PC	270 g		
	15	700223010000	BOLT BANJO A12	1	PC	64,8 g	A 12	MMN223
	20	007603018101	COPPER SEALING RING	2	PC	1,3 g	A 18 X 22	DIN7603
	30	700327012000	GROMMET	1	PC	4,6 g	12	MMN327
	35	700325018100	CLAMP HALF TUBE 1/1 D9-18	2	PC	40 g	1/1 D 9 - 18	MMN325
	40	304017008085	HEX SCREW	1	PC	18 g	M 8 X 40	ISO4017



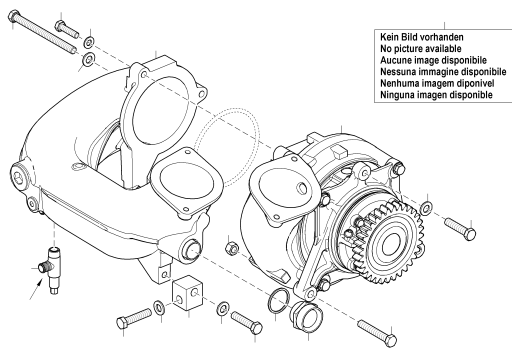
18400047c

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	1350	5241870276	RETAINER O-RING	1	PC	60 g			
	1400	700429041000	O-RING	1	PC	3,8 g		41 X 4	MMN429
	1450	700429024002	O-RING	1	PC	2,3 g		24 X 4	MMN429
	1500	X52418400002	RETAINER	1	PC	170 g			
	1520	700429024002	O-RING	1	PC	2,3 g		24 X 4	MMN429
	1550	X52418400001	RETAINER	7	PC	105 g			
	1570	700429024002	O-RING	14	PC	2,3 g		24 X 4	MMN429
	1600	5241870401	TUBE D	1	PC	160 g			
	1650	5241870101	TUBE D	7	PC	130 g			
	1700	X59418400008	OIL SPRAY NOZZLE	8	PC	190 g	EM		
	1800	304014008032	HEX SCREW	16	PC	34,1 g		M 8 X 80	ISO4014
	2150	5241870276	RETAINER O-RING	1	PC	60 g			
	2200	700429041000	O-RING	1	PC	3,8 g		41 X 4	MMN429
	2250	700429024002	O-RING	1	PC	2,3 g		24 X 4	MMN429
	2300	X52418400002	RETAINER	1	PC	170 g			
	2320	700429024002	O-RING	1	PC	2,3 g		24 X 4	MMN429
	2350	X52418400001	RETAINER	7	PC	105 g			
	2370	700429024002	O-RING	14	PC	2,3 g		24 X 4	MMN429
	2400	5241870201	TUBE D	1	PC	120 g			
	2450	5241870101	TUBE D	7	PC	130 g			
	2500	X59418400008	OIL SPRAY NOZZLE	8	PC	190 g	EM		
	2600	304014008032	HEX SCREW	16	PC	34,1 g		M 8 X 80	ISO4014

GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.

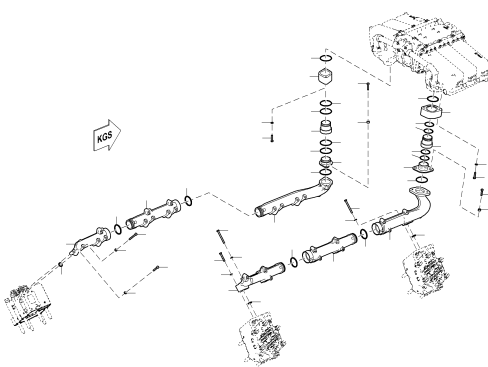


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05

COOLANT PUMP HT COOLANT CIRCUIT

XS549200.00060

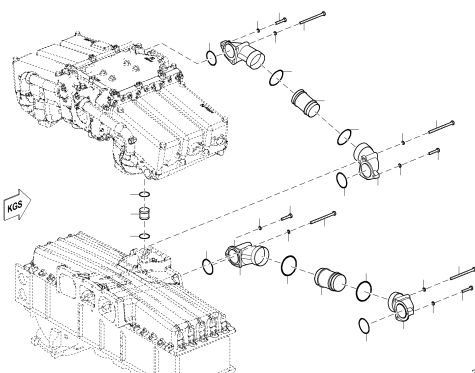


20203551

20

COOLANT DUCTING HT BEFORE EGR COOL

XS548200.00045

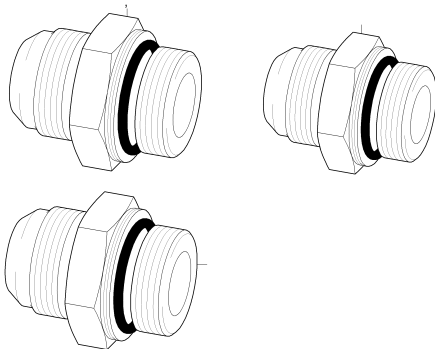


20203439

20

COOLANT DUCTING HT AFTER EGR COOLER

XS548200.00051



20203019

40

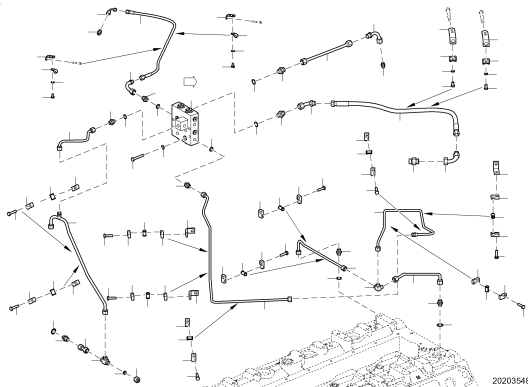
CONNECTING HARDWARE FOR PREHEATING

XS547200.00094

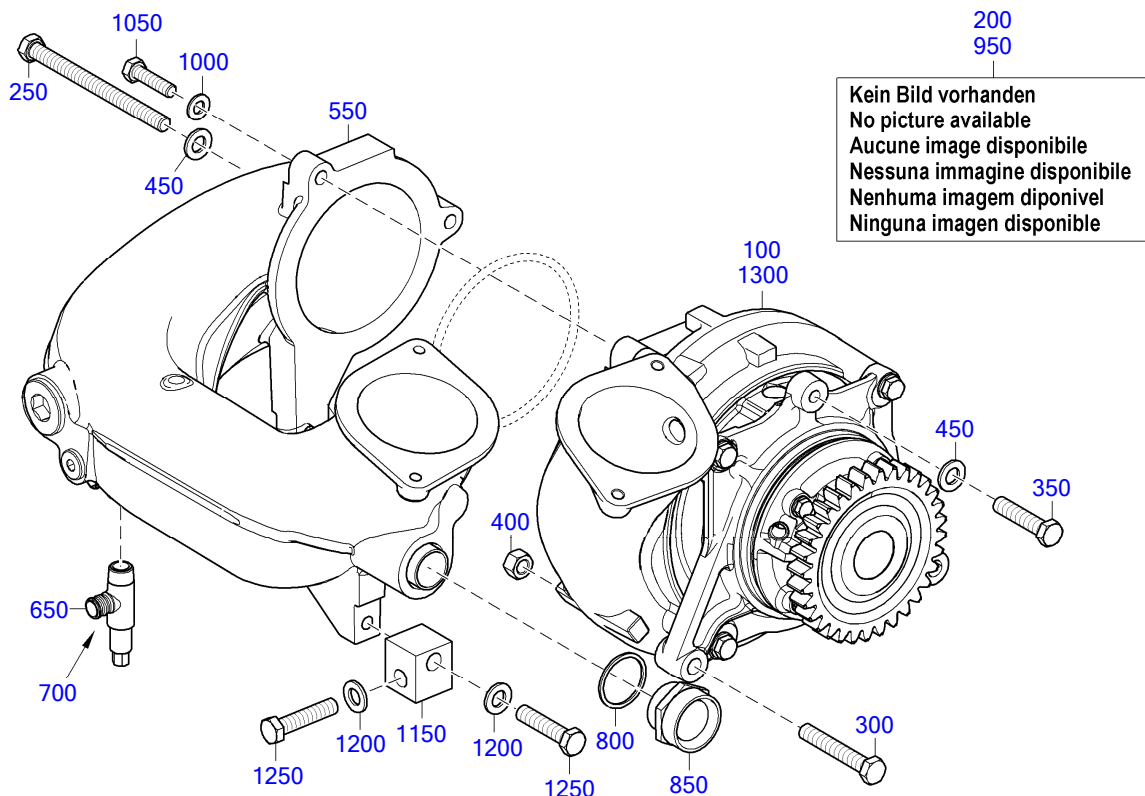
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GROUP NAME

BOM-No.

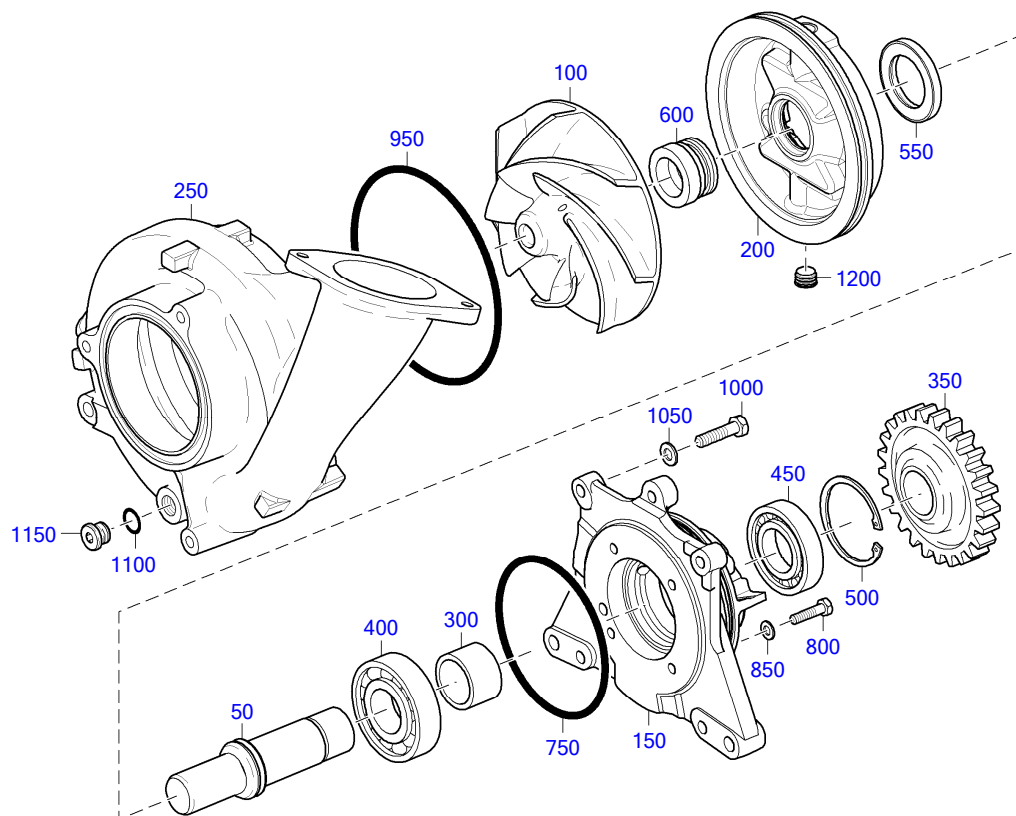


65
COOLANT VENT
XS548200.00056



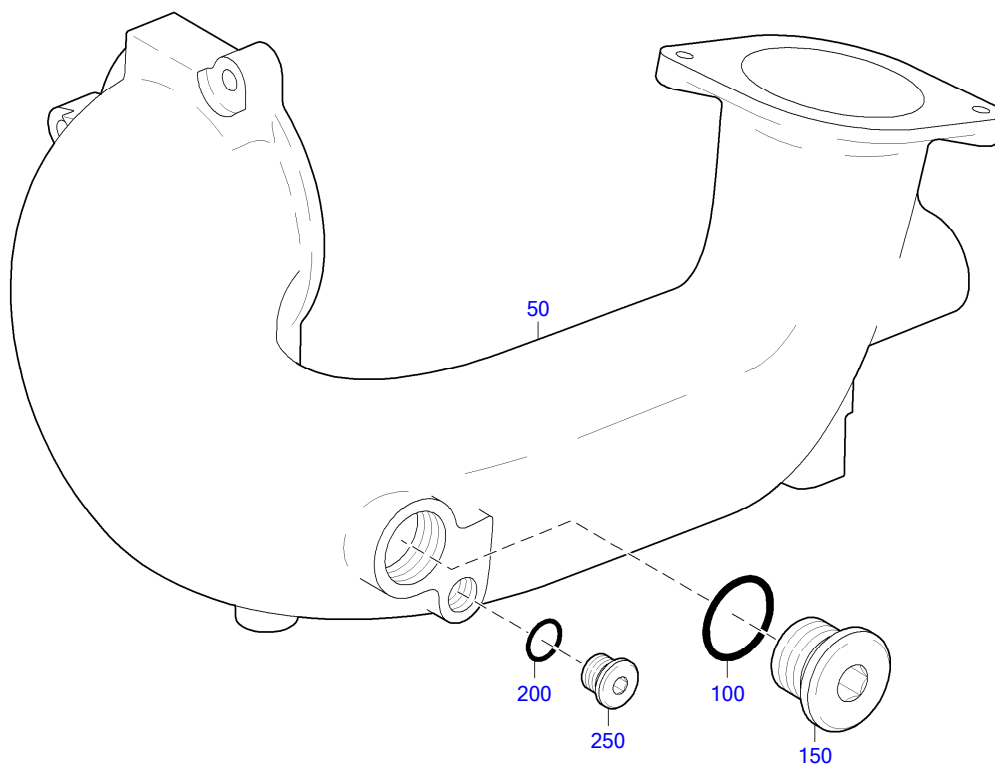
TD0000015151_202

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
174	100	X54920200040	COOLANT PUMP HIGH-TEMP CIRCUIT	1	PC	28,1 kg	EM		
	200	735252130000	O-RING	1	PC	0,01 kg		130 X 5	MTN5252
	250	000000003921	HEX SCREW	1	PC	138,5 g		M 12 X 150	ISO4014
	300	204017012019	HEX SCREW	1	PC	68,7 g		M 12 X 75	ISO4017
	350	000000003926	HEX SCREW	1	PC	54 g		M 12 X 55	ISO4017
	400	000000004744	HEX NUT	1	PC	14,3 g		M 12	ISO4032
	450	000125013012	WASHER	3	PC	5,6 g		A 13	DIN125
175	550	X59620200168	ELBOW ON COOLANT PUMP	1	PC	13,553 kg			
	650	0049976736	VALVE DRAIN	1	PC	125 g			
	700	50155	TAPE SEALING PTFE	1	PC	0,014 kg		12 X 0,1	MTS5034
	800	007603038101	COPPER SEALING RING	1	PC	5,4 g		A 38 X 44	DIN7603
	850	X00043213	INJECTOR FOR ELBOW	1	PC	342,8 g	SB		
	950	735252130001	O-RING	1	PC	0,022 kg		130 X 6	MTN5252
	1000	000125010524	WASHER	3	PC	3,1 g		A 10,5	DIN125
	1050	000000001039	HEX SCREW	3	PC	29,8 g		M 10 X 40	ISO4017
	1150	5242030340	SUPPORT MTG HOLDER	1	PC	295 g			
	1200	000125013012	WASHER	2	PC	5,6 g		A 13	DIN125
	1250	000000003926	HEX SCREW	2	PC	54 g		M 12 X 55	ISO4017
	1300	EX54920200040	COOLANT PUMP HIGH-TEMP CIRCUIT	1	PC	28,29 kg	EM		



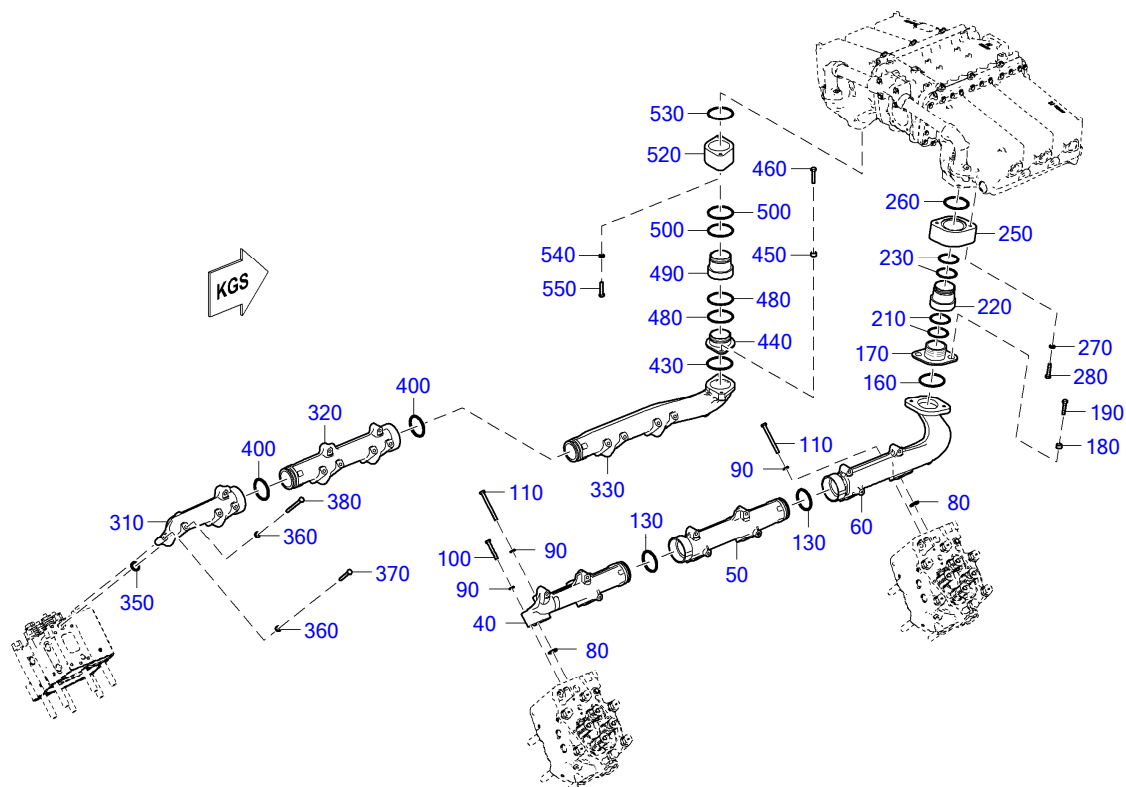
20203806

☐	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	7,75 kg		
	200	X54820300022	SEAL CARRIER	1	PC	3,446 kg		
	250	X52620200184	SPIRAL HOUSING HIGH-TEMP CIRCUIT	1	PC	10,5 kg		
	300	5272010153	SPACER SLEEVE	1	PC	172,8 g		
	350	X54899100143	GEAR FOR AUX PTO	1	PC	1,78 kg		
	400	200628103006	BEARING ANGULAR CONT ACT ROLLER	1	PC	750 g	QJ308	DIN628
	450	705100502035	BEARING CYLINDRICAL ROLLER	1	PC	623 g	NU208	DIN5412
	500	000472080000	RING SNAP	1	PC	22 g	80 X 2,5	DIN472
	550	X52620200028	RADIAL-LIP SHFT SEAL FOR COOLANT PUMP	1	PC	0,03 kg		
	600	X00026765	ROTARY SEAL	1	PC	74 g		
	750	700429135000	O-RING	1	PC	18,6 g	135 X 5	MMN429
	800	000931008241	HEX SCREW	4	PC	31,7 g	M 8 X 75	DIN931
	850	000125008427	WASHER	4	PC	1,5 g	A 8,4	DIN125
	950	700429185002	O-RING	1	PC	25,2 g	185 X 5	MMN429
	1000	000000003326	HEX SCREW	4	PC	27,4 g	M 10 X 35	ISO4017
	1050	000125010524	WASHER	4	PC	3,1 g	A 10,5	DIN125
	1100	007603018101	COPPER SEALING RING	1	PC	1,3 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		



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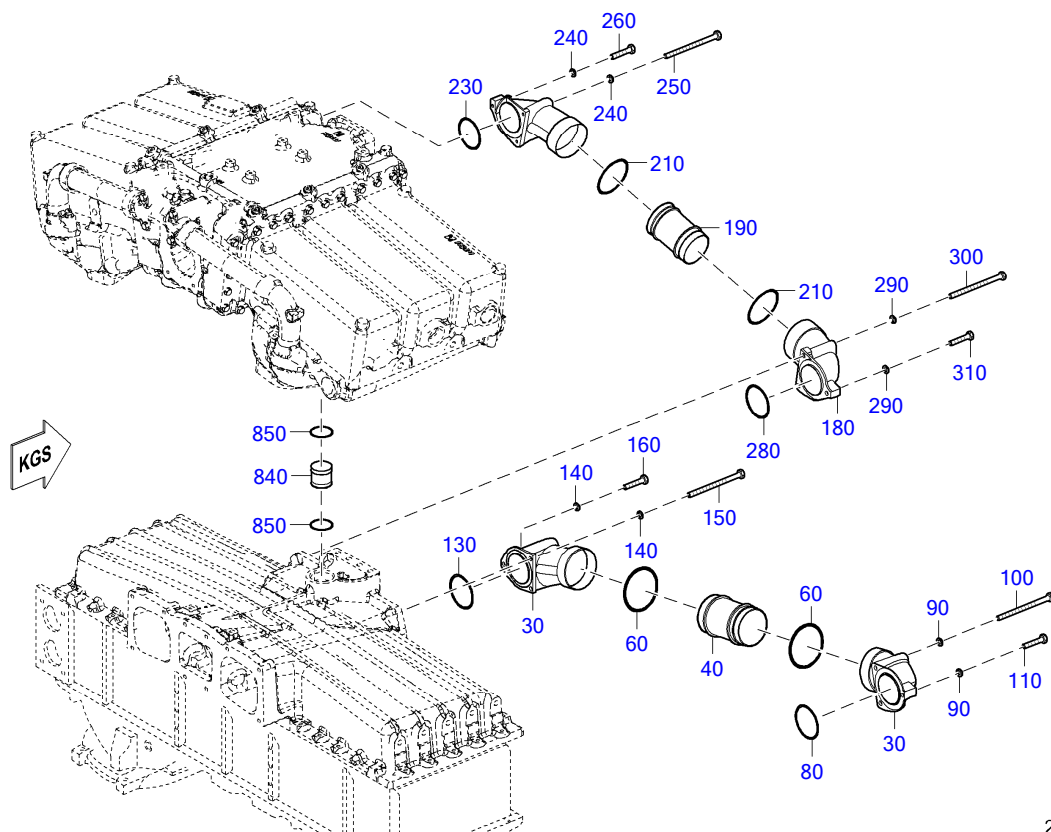
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	50	X59620200167	ELBOW ON COOLANT PUMP	1	PC	13,15 kg		
	100	007603038101	COPPER SEALING RING	1	PC	5,4 g	A 38 X 44	DIN7603
	150	000908038000	THREAD PLUG	1	PC	0,15 kg	M 38 X 1,5	DIN908
	200	007603018101	COPPER SEALING RING	1	PC	1,3 g	A 18 X 22	DIN7603
	250	000908018002	PLUG	1	PC	0,029 kg	M 18 X 1,5	DIN908



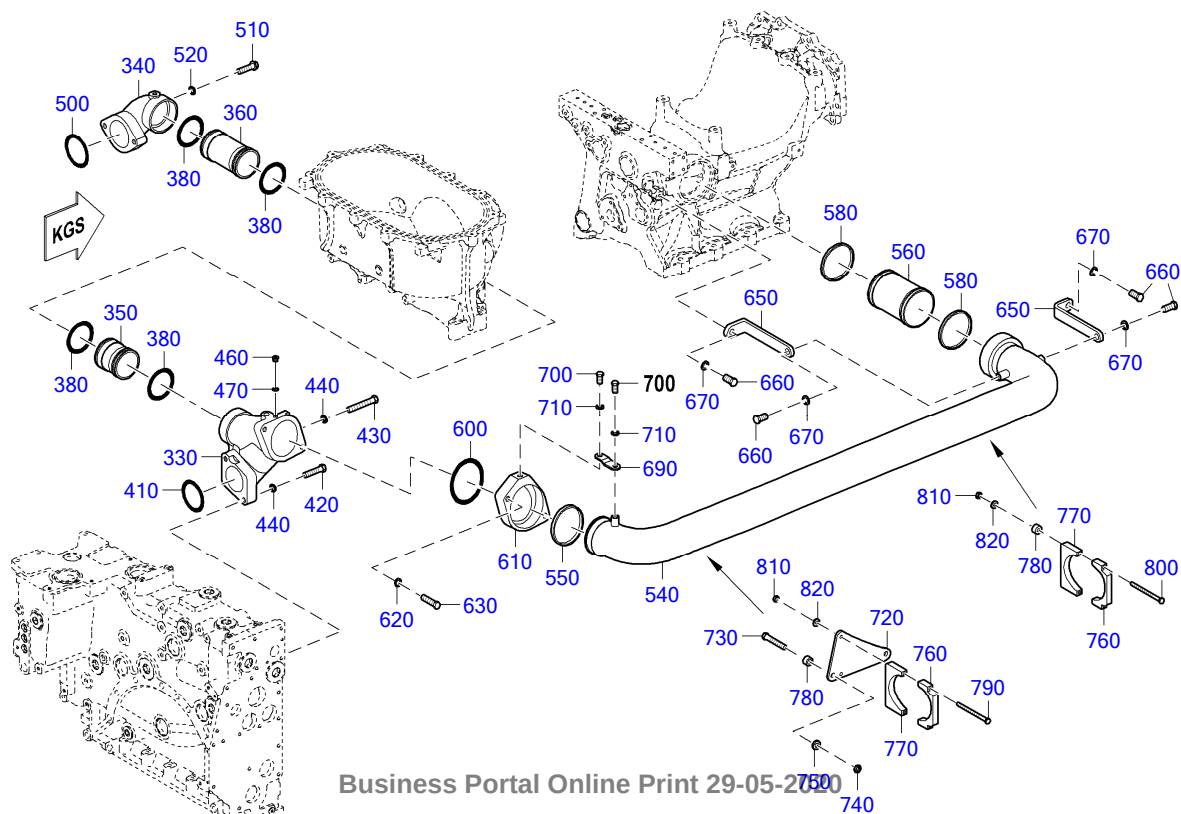
20203551

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	40	X54720200038	MANIFOLD HT COOLANT CIRCUIT	1	PC	6,32 kg		
	50	X54720200229	MANIFOLD HT COOLANT CIRCUIT	2	PC	8,145 kg		
	60	X54920200020	MANIFOLD HT COOLANT CIRCUIT	1	PC	9,528 kg		
	80	735252024000	O-RING	8	PC	0,003 kg	24 X 5	MTN5252
	90	000125010524	WASHER	16	PC	3,1 g	A 10,5	DIN125
	100	000000001076	HEX SCREW	1	PC	45,9 g	M 10 X 70	ISO4017
	110	204014010007	HEX SCREW	15	PC	72,6 g	M 10 X110	ISO4014
	130	735252065001	O-RING	3	PC	21,4 g	65 X 8	MTN5252
	160	735252085000	O-RING	1	PC	6,4 g	85 X 4	MTN5252
	170	X54799100693	PLUG-IN PIPE FLANGE	1	PC	953,6 g		
	180	5502040453	SPACER SLEEVE	2	PC	33,6 g		
	190	000000001042	HEX SCREW	2	PC	34,6 g	M 10 X 50	ISO4017
	210	735252075000	O-RING	2	PC	9 g	75 X 5	MTN5252
	220	X54899100071	SOCKET PIPE FOR COOLANT	1	PC	796 g		
	230	735252075000	O-RING	2	PC	9 g	75 X 5	MTN5252
	250	X54799100702	PLUG-IN PIPE FLANGE	1	PC	1,216 kg		
	260	735252085000	O-RING	1	PC	6,4 g	85 X 4	MTN5252
	270	000125010524	WASHER	2	PC	3,1 g	A 10,5	DIN125
	280	000000001042	HEX SCREW	2	PC	34,6 g	M 10 X 50	ISO4017
	310	X54720200039	MANIFOLD HT COOLANT CIRCUIT	1	PC	5,56 kg		
	320	X54720200229	MANIFOLD HT COOLANT CIRCUIT	2	PC	8,145 kg		
	330	X54920200024	MANIFOLD HT COOLANT CIRCUIT	1	PC	10,368 kg		
	350	735252024000	O-RING	8	PC	0,003 kg	24 X 5	MTN5252
	360	000125010524	WASHER	16	PC	3,1 g	A 10,5	DIN125
	370	000000001076	HEX SCREW	1	PC	45,9 g	M 10 X 70	ISO4017

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	380	204014010007	HEX SCREW	15	PC	72,6 g	M 10 X110	ISO4014
	400	735252065001	O-RING	3	PC	21,4 g	65 X 8	MTN5252
	430	735252085000	O-RING	1	PC	6,4 g	85 X 4	MTN5252
	440	X54799100693	PLUG-IN PIPE FLANGE	1	PC	953,6 g		
	450	5502040453	SPACER SLEEVE	2	PC	33,6 g		
	460	000000001042	HEX SCREW	2	PC	34,6 g	M 10 X 50	ISO4017
	480	735252075000	O-RING	2	PC	9 g	75 X 5	MTN5252
	490	X54899100071	SOCKET PIPE FOR COOLANT	1	PC	796 g		
	500	735252075000	O-RING	2	PC	9 g	75 X 5	MTN5252
	520	X54799100702	PLUG-IN PIPE FLANGE	1	PC	1,216 kg		
	530	735252085000	O-RING	1	PC	6,4 g	85 X 4	MTN5252
	540	000125010524	WASHER	2	PC	3,1 g	A 10,5	DIN125
	550	000000001042	HEX SCREW	2	PC	34,6 g	M 10 X 50	ISO4017



20203439



20203440

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	30	X54820200070	COOLANT ELBOW HIGH-TEMP CIRCUIT	2	PC	4,2 kg		
	40	X54799100666	PLUG-IN PIPE	1	PC	928,9 g		
	60	735252075000	O-RING	2	PC	9 g	75 X 5	MTN5252
	80	735252090000	O-RING	1	PC	0,011 kg	90 X 5	MTN5252
	90	000125010524	WASHER	3	PC	3,1 g	A 10,5	DIN125
	100	204014010007	HEX SCREW	2	PC	72,6 g	M 10 X110	ISO4014
	110	000000001042	HEX SCREW	1	PC	34,6 g	M 10 X 50	ISO4017
	130	735252090000	O-RING	1	PC	0,011 kg	90 X 5	MTN5252
	140	000125010524	WASHER	3	PC	3,1 g	A 10,5	DIN125
	150	204014010007	HEX SCREW	2	PC	72,6 g	M 10 X110	ISO4014
	160	000000001042	HEX SCREW	1	PC	34,6 g	M 10 X 50	ISO4017
	180	X54820200070	COOLANT ELBOW HIGH-TEMP CIRCUIT	2	PC	4,2 kg		
	190	X54799100666	PLUG-IN PIPE	1	PC	928,9 g		
	210	735252075000	O-RING	2	PC	9 g	75 X 5	MTN5252
	230	735252090000	O-RING	1	PC	0,011 kg	90 X 5	MTN5252
	240	000125010524	WASHER	3	PC	3,1 g	A 10,5	DIN125
	250	204014010007	HEX SCREW	2	PC	72,6 g	M 10 X110	ISO4014
	260	000000001042	HEX SCREW	1	PC	34,6 g	M 10 X 50	ISO4017
	280	735252090000	O-RING	1	PC	0,011 kg	90 X 5	MTN5252
	290	000125010524	WASHER	3	PC	3,1 g	A 10,5	DIN125
	300	204014010007	HEX SCREW	2	PC	72,6 g	M 10 X110	ISO4014
	310	000000001042	HEX SCREW	1	PC	34,6 g	M 10 X 50	ISO4017
	330	X54720200349	COOLANT ELBOW HIGH-TEMP CIRCUIT	1	PC	0,001 kg		
	340	X54720200312	COOLANT ELBOW HIGH-TEMP CIRCUIT	1	PC	3,15 kg		
	350	X54799100886	PLUG-IN PIPE	1	PC	666,1 g		
	360	X54799100887	PLUG-IN PIPE	1	PC	942,2 g		
	380	735252075000	O-RING	4	PC	9 g	75 X 5	MTN5252
	410	735252083000	O-RING	1	PC	9,6 g	83 X 5	MTN5252
	420	000000001042	HEX SCREW	1	PC	34,6 g	M 10 X 50	ISO4017
	430	000000003322	HEX SCREW	1	PC	60,8 g	M 10 X 90	ISO4014
	440	000125010524	WASHER	2	PC	3,1 g	A 10,5	DIN125
35	460	735210014000	THREAD PLUG	1	PC	0,019 kg	M 14 X 1,5	MTN5210
	500	735252083000	O-RING	1	PC	9,6 g	83 X 5	MTN5252
	510	000000001042	HEX SCREW	2	PC	34,6 g	M 10 X 50	ISO4017
	520	000125010524	WASHER	2	PC	3,1 g	A 10,5	DIN125
	540	X54820200066	COOLANT RETURN LINE HT AFTER EGR COOLER	1	PC	11,6 kg		
	550	735252095001	O-RING	1	PC	0,016 kg	95 X 6	MTN5252
	560	X54799100039	PLUG-IN PIPE F.KUEHLW-RUECKL HT	1	PC	1,9 kg		
	580	735252095001	O-RING	2	PC	0,016 kg	95 X 6	MTN5252
	600	735252110000	O-RING	1	PC	0,018 kg	110 X 6	MTN5252
	610	X54799100604	PLUG-IN PIPE FLANGE	1	PC	2,492 kg		
	620	000125010524	WASHER	2	PC	3,1 g	A 10,5	DIN125
	630	000000003695	HEX SCREW	2	PC	0,041 kg	M 10 X 60	ISO4017
	650	X54720200055	MOUNTING BRACKET FOR COOLANT LINE	2	PC	665 g		
	660	000000001464	HEX SCREW	4	PC	24,9 g	M 10 X 30	ISO4017
	670	735151010100	SPACER	4	PC	11 g	A 10,5	MTN5151
	690	X54799100663	RETAINER HT COOLANT CIRCUIT	1	PC	78,6 g		
	700	000000003021	HEX SCREW	2	PC	22,8 g	M 10 X 25	ISO4017
	710	735151010100	SPACER	2	PC	11 g	A 10,5	MTN5151
	720	X54720200211	RETAINER HT COOLANT CIRCUIT	1	PC	804,5 g		
	730	000000003922	HEX SCREW	2	PC	66,6 g	M 10 X100	ISO4014
	740	000000003187	NUT HEX A3C	2	PC	9,2 g	M 10	ISO4032
	750	007349010002	WASHER	2	PC	11 g	10,5	DIN7349
	760	700346100100	PIPE CLAMP HALF	2	PC	430 g	AD 9 - 100	MMN346

EQUI TYPE: Engine

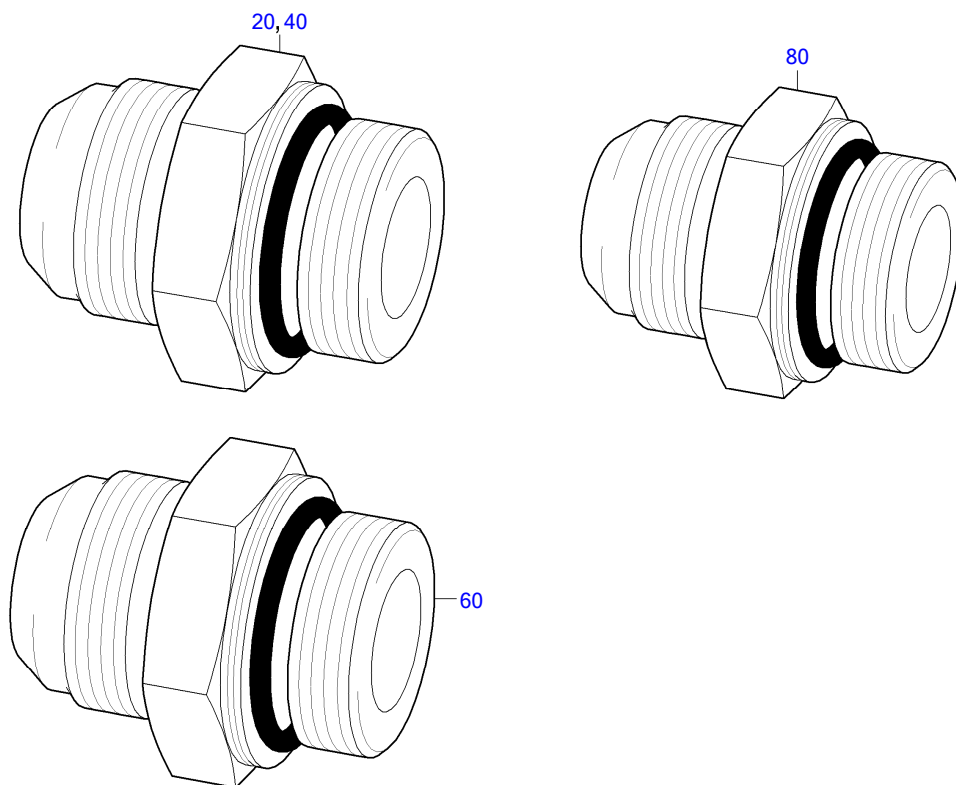
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COOLANT DUCTING HT AFTER EGR COOLER

SERIAL NUMBER: 5482000021

FG/FGS: 202 20

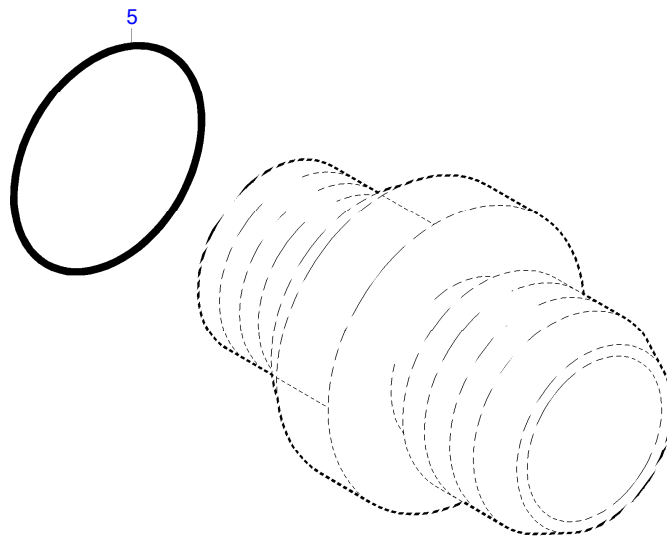
BOM-No.: XS548200.00051

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	770	700346100201	PIPE HALF-CLAMP	2	PC	578,6 g	BD 9 - 100	MMN346
	780	X54799100605	BUSHING	4	PC	27,6 g		
	790	204014008009	HEX SCREW	2	PC	48,9 g	M 8 X120	ISO4014
	800	204014008011	HEX SCREW	2	PC	52,6 g	M 8 X130	ISO4014
	810	304032008014	NUT HEX 8 A3C	4	PC	4,8 g	M 8	ISO4032
	820	735151008100	SPACER	4	PC	7,4 g	A 8,4	MTN5151
	840	X54799100081	PLUG-IN PIPE FOR COOLANT	1	PC	243,9 g		
	850	735252045000	O-RING	2	PC	0,01 kg	45 X 5	MTN5252



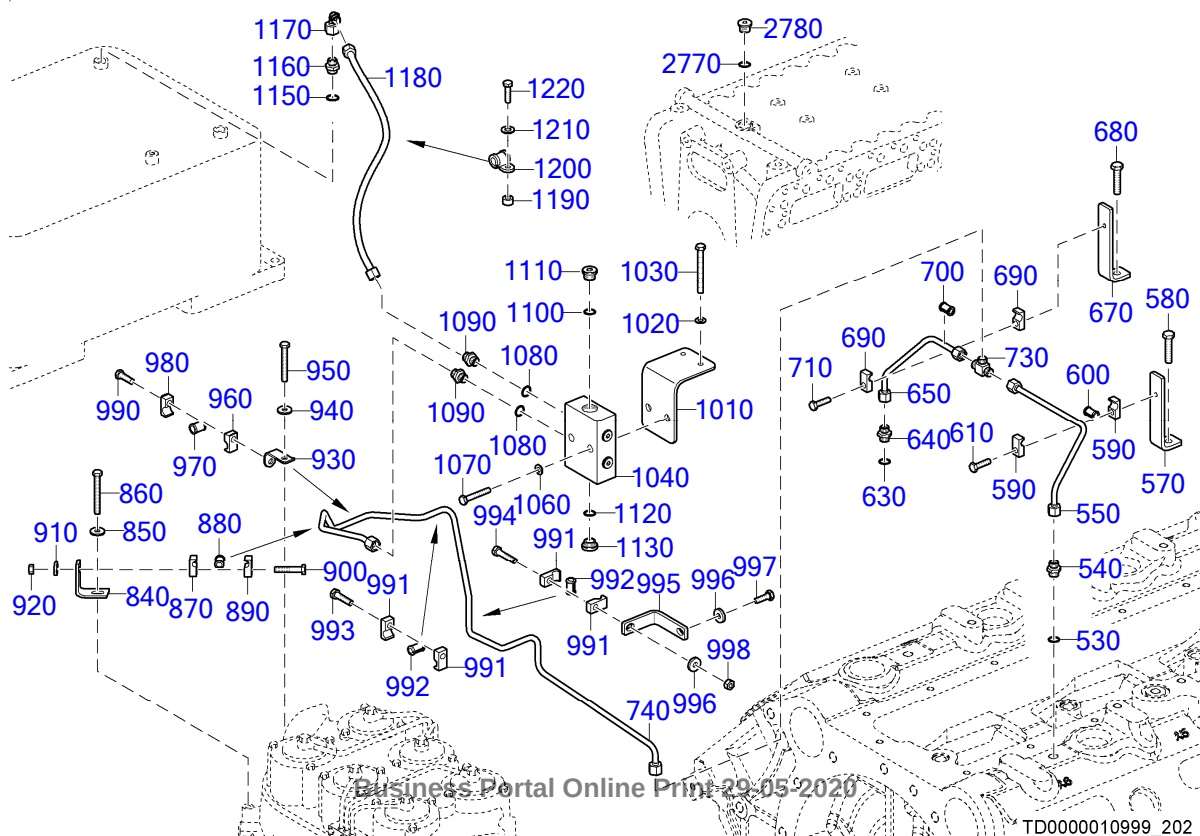
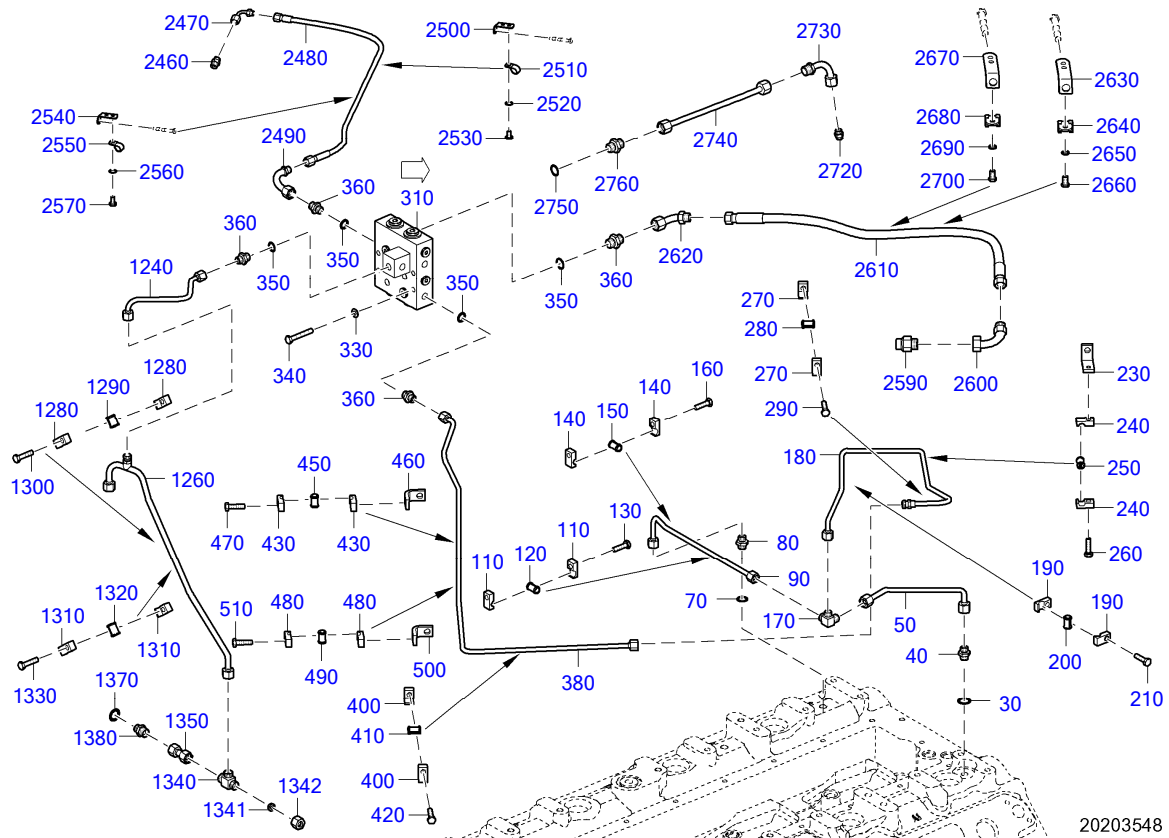
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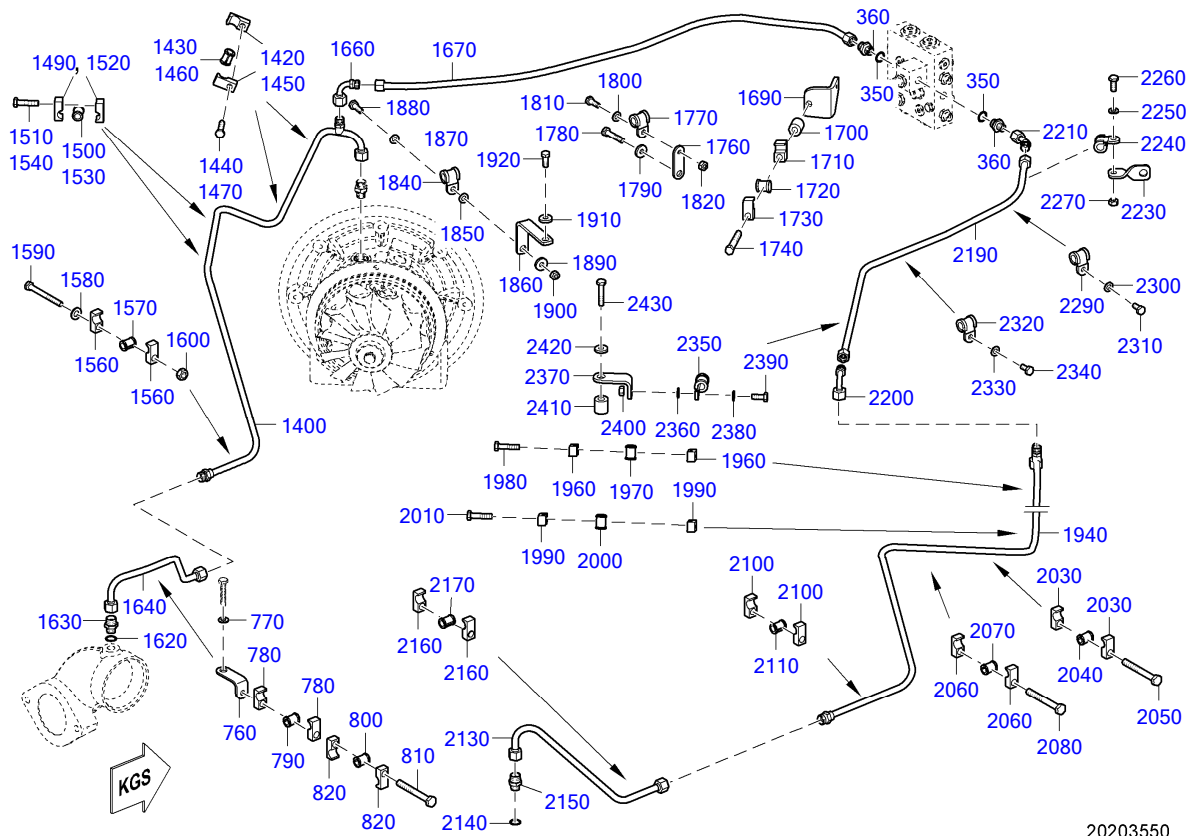
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179	20	5244760024	CONNECTING PIECE		1	PC	228 g		
179	40	5244760024	CONNECTING PIECE		1	PC	228 g		
	60	5319973272	CONNECTING PIECE	BR 4000	1	PC	226,3 g	M33X2 1 5/16-12	
	62	X59520200019	THREADED BUSHING		1	PC	125 g		
	65	007603038101	COPPER SEALING RING		1	PC	5,4 g	A 38 X 44	DIN7603
	80	5319977472	FITTING	BR 4000	2	PC	250 g	M30X1.5 1 5/16-12	



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	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
	5	5249970745	O-RING	1	PC	1,3 g





	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	30	007603014102	COPPER SEALING RING	1	PC	1 g		A 14 X 18	DIN7603
	40	915006006000	UNION	1	PC	22,9 g		6	N15006
	50	X54920200034	VENT LINE	1	PC	0,066 kg			
	70	007603014102	COPPER SEALING RING	1	PC	1 g		A 14 X 18	DIN7603
	80	915006006000	UNION	1	PC	22,9 g		6	N15006
	90	X54720200068	VENT LINE	1	PC	93,7 g	SB		
	110	700325012100	CLAMP HALF TUBE 1/1 D9-12	2	PC	25 g		1/1 D 9 - 12	MMN325
	120	700327008000	GROMMET	1	PC	1,7 g		8	MMN327
	130	304017008083	HEX SCREW	1	PC	15,1 g		M 8 X 30	ISO4017
	140	700325012100	CLAMP HALF TUBE 1/1 D9-12	2	PC	25 g		1/1 D 9 - 12	MMN325
	150	700327008000	GROMMET	1	PC	1,7 g		8	MMN327
	160	304017008083	HEX SCREW	1	PC	15,1 g		M 8 X 30	ISO4017
	170	X54999100089	CROSS	1	PC	46 g			
	180	X54720200069	VENT LINE	1	PC	155 g	SB		
	190	700325012100	CLAMP HALF TUBE 1/1 D9-12	2	PC	25 g		1/1 D 9 - 12	MMN325
	200	700327008000	GROMMET	1	PC	1,7 g		8	MMN327
	210	304017008083	HEX SCREW	1	PC	15,1 g		M 8 X 30	ISO4017
	230	5551870640	RETAINER	1	PC	54,9 g			
	240	700325012100	CLAMP HALF TUBE 1/1 D9-12	2	PC	25 g		1/1 D 9 - 12	MMN325
	250	700327008000	GROMMET	1	PC	1,7 g		8	MMN327
	260	304017008083	HEX SCREW	1	PC	15,1 g		M 8 X 30	ISO4017
	270	700325012100	CLAMP HALF TUBE 1/1 D9-12	2	PC	25 g		1/1 D 9 - 12	MMN325
	280	700327008000	GROMMET	1	PC	1,7 g		8	MMN327
	290	304017008083	HEX SCREW	1	PC	15,1 g		M 8 X 30	ISO4017
182	310	X54720200233	DISTRIBUTOR BLOCK	1	PC	4,483 kg			

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	330	000125008427	WASHER	2	PC	1,5 g		A 8,4	DIN125
	340	304017008087	HEX SCREW	2	PC	21,3 g		M 8 X 50	ISO4017
	350	007603014102	COPPER SEALING RING	6	PC	1 g		A 14 X 18	DIN7603
	360	915006006000	UNION	6	PC	22,9 g		6	N15006
	380	X54820200054	VENT LINE	1	PC	198 g	SB		
	400	700325012100	CLAMP HALF TUBE 1/1 D9-12	2	PC	25 g		1/1 D 9 - 12	MMN325
	410	700327008000	GROMMET	1	PC	1,7 g		8	MMN327
	420	304017008083	HEX SCREW	1	PC	15,1 g		M 8 X 30	ISO4017
	430	700325012100	CLAMP HALF TUBE 1/1 D9-12	2	PC	25 g		1/1 D 9 - 12	MMN325
	450	700327008000	GROMMET	1	PC	1,7 g		8	MMN327
	460	5551870640	RETAINER	1	PC	54,9 g			
	470	304017008083	HEX SCREW	1	PC	15,1 g		M 8 X 30	ISO4017
	480	700325012100	CLAMP HALF TUBE 1/1 D9-12	2	PC	25 g		1/1 D 9 - 12	MMN325
	490	700327008000	GROMMET	1	PC	1,7 g		8	MMN327
	500	5551870640	RETAINER	1	PC	54,9 g			
	510	304017008083	HEX SCREW	1	PC	15,1 g		M 8 X 30	ISO4017
	530	007603014102	COPPER SEALING RING	1	PC	1 g		A 14 X 18	DIN7603
	540	915006006000	UNION	1	PC	22,9 g		6	N15006
	550	X54820200036	VENT LINE	1	PC	0,093 kg	SB		
	570	5240180440	BRACKET	1	PC	213,1 g			
	580	204017010021	HEX SCREW	1	PC	32,5 g		M 10 X 45	ISO4017
	590	700325012100	CLAMP HALF TUBE 1/1 D9-12	2	PC	25 g		1/1 D 9 - 12	MMN325
	600	700327008000	GROMMET	1	PC	1,7 g		8	MMN327
	610	304017008083	HEX SCREW	1	PC	15,1 g		M 8 X 30	ISO4017
	630	007603014102	COPPER SEALING RING	1	PC	1 g		A 14 X 18	DIN7603
	640	915006006000	UNION	1	PC	22,9 g		6	N15006
	650	X54820200037	VENT LINE	1	PC	0,07 kg	SB		
	670	5240180440	BRACKET	1	PC	213,1 g			
	680	204017010021	HEX SCREW	1	PC	32,5 g		M 10 X 45	ISO4017
	690	700325012100	CLAMP HALF TUBE 1/1 D9-12	2	PC	25 g		1/1 D 9 - 12	MMN325
	700	700327008000	GROMMET	1	PC	1,7 g		8	MMN327
	710	304017008083	HEX SCREW	1	PC	15,1 g		M 8 X 30	ISO4017
	730	5569970574	FITTING TEE	1	PC	48 g		DN 6 / M14X1,5	
183	740	X54820300038	PIPE LINE	1	PC	0,245 kg			
	760	5315461043	RETAINER	1	PC	81,1 g			
	770	000125013012	WASHER	1	PC	5,6 g		A 13	DIN125
	780	700325015100	CLAMP HALF TUBE 1/1 D9-15	2	PC	0,033 kg		1/1 D 9 - 15	MMN325
	790	700327010000	GROMMET	1	PC	2,8 g		10	MMN327
	800	700327008000	GROMMET	1	PC	1,7 g		8	MMN327
	810	304017008088	HEX SCREW	1	PC	22,6 g		M 8 X 55	ISO4017
	820	700325012100	CLAMP HALF TUBE 1/1 D9-12	2	PC	25 g		1/1 D 9 - 12	MMN325
	840	X00018519	RETAINER	1	PC	65 g			
	850	007349008002	WASHER	1	PC	7,9 g		8,4	DIN7349
	860	204017008032	HEX SCREW	1	PC	25,5 g		M 8 X 65	ISO4017
	870	700325012100	CLAMP HALF TUBE 1/1 D9-12	1	PC	25 g		1/1 D 9 - 12	MMN325
	880	700327008000	GROMMET	1	PC	1,7 g		8	MMN327
	890	700325012100	CLAMP HALF TUBE 1/1 D9-12	1	PC	25 g		1/1 D 9 - 12	MMN325
	900	304017008085	HEX SCREW	1	PC	18 g		M 8 X 40	ISO4017
	910	007349008002	WASHER	1	PC	7,9 g		8,4	DIN7349
	920	304032008014	NUT HEX 8 A3C	1	PC	4,8 g		M 8	ISO4032
	930	X54499100390	BRACKET	1	PC	38,7 g			
	940	000125008427	WASHER	1	PC	1,5 g		A 8,4	DIN125
	950	304017008089	HEX SCREW	1	PC	24,2 g		M 8 X 60	ISO4017
	960	700325012100	CLAMP HALF TUBE 1/1 D9-12	1	PC	25 g		1/1 D 9 - 12	MMN325

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	970	700327008000	GROMMET	1	PC	1,7 g		8	MMN327
	980	700325012100	CLAMP HALF TUBE 1/1 D9-12	1	PC	25 g		1/1 D 9 - 12	MMN325
	990	204017008031	HEX SCREW	1	PC	14,3 g		M 8 X 28	ISO4017
	991	700325012100	CLAMP HALF TUBE 1/1 D9-12	4	PC	25 g		1/1 D 9 - 12	MMN325
	992	700327008000	GROMMET	2	PC	1,7 g		8	MMN327
	993	304017008084	HEX SCREW	1	PC	16,4 g		M 8 X 35	ISO4017
	994	304017008085	HEX SCREW	1	PC	18 g		M 8 X 40	ISO4017
	995	X00043246	RETAINER	1	PC	0,11 kg			
	996	007349008002	WASHER	2	PC	7,9 g		8,4	DIN7349
	997	304017008081	HEX SCREW	1	PC	13,4 g		M 8 X 25	ISO4017
	998	304032008014	NUT HEX 8 A3C	1	PC	4,8 g		M 8	ISO4032
	1010	X54799100920	RETAINER	1	PC	0,294 kg			
	1020	000125008427	WASHER	2	PC	1,5 g		A 8,4	DIN125
	1030	304017008081	HEX SCREW	2	PC	13,4 g		M 8 X 25	ISO4017
	1040	5240780045	BLOCK JUNCTION MULTI -PORT	1	PC	404 g	EM		
	1060	000125006431	WASHER	2	PC	0,8 g		A 6,4	DIN125
	1070	304017006066	HEX SCREW	2	PC	8,4 g		M 6 X 35	ISO4017
	1080	007603014102	COPPER SEALING RING	2	PC	1 g		A 14 X 18	DIN7603
	1090	915006006000	UNION	2	PC	22,9 g		6	N15006
	1100	007603018101	COPPER SEALING RING	1	PC	1,3 g		A 18 X 22	DIN7603
	1110	000908018002	PLUG	1	PC	0,029 kg		M 18 X 1,5	DIN908
	1120	007603014102	COPPER SEALING RING	3	PC	1 g		A 14 X 18	DIN7603
	1130	000908014001	SCREW PLUG	3	PC	0,016 kg		M 14 X 1,5	DIN908
	1150	007603014102	COPPER SEALING RING	1	PC	1 g		A 14 X 18	DIN7603
	1160	915006006002	UNION	1	PC	23,1 g		6	N15006
	1170	700160000006	ELBOW 90 DEG KR 6	1	PC	44,8 g		KR 6	MMN160
	1180	X54799100338/88	HOSE	1	PC	164,9 g		W1-DN6X750 M14X1,5	
	1190	5500780453	SPACER SLEEVE	1	PC	13,6 g		9 X 16 X 13	
	1200	916016012201	CLAMP	1	PC	21 g		BRSGU 12/20	N16016
	1210	000125008427	WASHER	1	PC	1,5 g		A 8,4	DIN125
	1220	304017008083	HEX SCREW	1	PC	15,1 g		M 8 X 30	ISO4017
	1240	X54720200126	VENT LINE	1	PC	71,1 g	SB		
	1260	X54720200067	COOLANT LINE	1	PC	178 g	SB		
	1280	700325015100	CLAMP HALF TUBE 1/1 D9-15	2	PC	0,033 kg		1/1 D 9 - 15	MMN325
	1290	700327010000	GROMMET	1	PC	2,8 g		10	MMN327
	1300	304017008084	HEX SCREW	1	PC	16,4 g		M 8 X 35	ISO4017
	1310	700325015100	CLAMP HALF TUBE 1/1 D9-15	2	PC	0,033 kg		1/1 D 9 - 15	MMN325
	1320	700327010000	GROMMET	1	PC	2,8 g		10	MMN327
	1330	304017008084	HEX SCREW	1	PC	16,4 g		M 8 X 35	ISO4017
	1340	5569970674	FITTING TEE	1	PC	61,6 g		DN 8 / M16X1,5	
	1341	915005008001	CONE SEALING 10	1	PC	4,5 g		10	MBN15005
	1342	915001008003	NUT	1	PC	0,014 kg		8 M 16 X 1,5	N15001
	1350	X52820200121	COOLANT LINE	1	PC	44,5 g	SB		
	1370	007603016105	COPPER SEALING RING	1	PC	3 g		A 16 X 20	DIN7603
	1380	915006008002	UNION	1	PC	29,7 g		8	N15006
	1400	X54820200042	COOLANT LINE	1	PC	286,2 g	SB		
	1420	700325015100	CLAMP HALF TUBE 1/1 D9-15	2	PC	0,033 kg		1/1 D 9 - 15	MMN325
	1430	700327010000	GROMMET	1	PC	2,8 g		10	MMN327
	1440	304017008084	HEX SCREW	1	PC	16,4 g		M 8 X 35	ISO4017
	1450	700325015100	CLAMP HALF TUBE 1/1 D9-15	2	PC	0,033 kg		1/1 D 9 - 15	MMN325
	1460	700327010000	GROMMET	1	PC	2,8 g		10	MMN327
	1470	304017008084	HEX SCREW	1	PC	16,4 g		M 8 X 35	ISO4017
	1490	700325015100	CLAMP HALF TUBE 1/1 D9-15	2	PC	0,033 kg		1/1 D 9 - 15	MMN325
	1500	700327010000	GROMMET	1	PC	2,8 g		10	MMN327

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	1510	304017008084	HEX SCREW	1	PC	16,4 g		M 8 X 35	ISO4017
	1520	700325015100	CLAMP HALF TUBE 1/1 D9-15	2	PC	0,033 kg		1/1 D 9 - 15	MMN325
	1530	700327010000	GROMMET	1	PC	2,8 g		10	MMN327
	1540	304017008084	HEX SCREW	1	PC	16,4 g		M 8 X 35	ISO4017
	1560	700325015110	CLAMP HALF TUBE 1/1 D11-15	2	PC	30,2 g		1/1 D11 - 15	MMN325
	1570	700327010000	GROMMET	1	PC	2,8 g		10	MMN327
	1580	000125010524	WASHER	1	PC	3,1 g		A 10,5	DIN125
	1590	000000000906	HEX SCREW	1	PC	49,4 g		M 10 X 80	ISO4017
	1600	000000003187	NUT HEX A3C	1	PC	9,2 g		M 10	ISO4032
	1620	007603014102	COPPER SEALING RING	1	PC	1 g		A 14 X 18	DIN7603
	1630	915013008002	SCREW NECK	1	PC	24 g		8 (M16X1,5/M14X1,5)	N15013
	1640	X54820200049	COOLANT LINE	1	PC	0,12 kg	SB		
	1660	700160000006	ELBOW 90 DEG KR 6	1	PC	44,8 g		KR 6	MMN160
	1670	X54799100339/88	HOSE	1	PC	0,17 kg		W1-DN6X850 M14X1,5	
	1690	X54720200071	RETAINER	1	PC	169,2 g			
	1700	X00029369	SPACER SLEEVE	1	PC	48,8 g			
	1710	700325015100	CLAMP HALF TUBE 1/1 D9-15	1	PC	0,033 kg		1/1 D 9 - 15	MMN325
	1720	700327010000	GROMMET	1	PC	2,8 g		10	MMN327
	1730	700325015100	CLAMP HALF TUBE 1/1 D9-15	1	PC	0,033 kg		1/1 D 9 - 15	MMN325
	1740	304017008088	HEX SCREW	1	PC	22,6 g		M 8 X 55	ISO4017
	1760	5241538440	BRACKET	1	PC	30,1 g	SB		
	1770	916016012201	CLAMP	1	PC	21 g		BRSGU 12/20	N16016
	1780	304017008079	HEX SCREW	1	PC	11,7 g		M 8 X 20	ISO4017
	1790	007349008002	WASHER	1	PC	7,9 g		8,4	DIN7349
	1800	000125008427	WASHER	1	PC	1,5 g		A 8,4	DIN125
	1810	304017008079	HEX SCREW	1	PC	11,7 g		M 8 X 20	ISO4017
	1820	304032008014	NUT HEX 8 A3C	1	PC	4,8 g		M 8	ISO4032
	1840	916016012201	CLAMP	1	PC	21 g		BRSGU 12/20	N16016
	1850	000125008427	WASHER	1	PC	1,5 g		A 8,4	DIN125
	1860	X54899100026	RETAINER	1	PC	100,3 g			
	1870	000125008427	WASHER	1	PC	1,5 g		A 8,4	DIN125
	1880	304017008081	HEX SCREW	1	PC	13,4 g		M 8 X 25	ISO4017
	1890	007349008002	WASHER	1	PC	7,9 g		8,4	DIN7349
	1900	304032008014	NUT HEX 8 A3C	1	PC	4,8 g		M 8	ISO4032
	1910	007349008002	WASHER	1	PC	7,9 g		8,4	DIN7349
	1920	304017008079	HEX SCREW	1	PC	11,7 g		M 8 X 20	ISO4017
	1940	X54820200043	COOLANT LINE	1	PC	331 g	SB		
	1960	700325015100	CLAMP HALF TUBE 1/1 D9-15	2	PC	0,033 kg		1/1 D 9 - 15	MMN325
	1970	700327010000	GROMMET	1	PC	2,8 g		10	MMN327
	1980	304017008084	HEX SCREW	1	PC	16,4 g		M 8 X 35	ISO4017
	1990	700325015100	CLAMP HALF TUBE 1/1 D9-15	2	PC	0,033 kg		1/1 D 9 - 15	MMN325
	2000	700327010000	GROMMET	1	PC	2,8 g		10	MMN327
	2010	304017008084	HEX SCREW	1	PC	16,4 g		M 8 X 35	ISO4017
	2030	700325015100	CLAMP HALF TUBE 1/1 D9-15	2	PC	0,033 kg		1/1 D 9 - 15	MMN325
	2040	700327010000	GROMMET	1	PC	2,8 g		10	MMN327
	2050	304017008084	HEX SCREW	1	PC	16,4 g		M 8 X 35	ISO4017
	2060	700325015100	CLAMP HALF TUBE 1/1 D9-15	2	PC	0,033 kg		1/1 D 9 - 15	MMN325
	2070	700327010000	GROMMET	1	PC	2,8 g		10	MMN327
	2080	304017008084	HEX SCREW	1	PC	16,4 g		M 8 X 35	ISO4017
	2100	700325015110	CLAMP HALF TUBE 1/1 D11-15	2	PC	30,2 g		1/1 D11 - 15	MMN325
	2110	700327010000	GROMMET	1	PC	2,8 g		10	MMN327
	2130	X54820200048	COOLANT LINE	1	PC	115,8 g	SB		
	2140	007603014102	COPPER SEALING RING	1	PC	1 g		A 14 X 18	DIN7603
	2150	915013008002	SCREW NECK	1	PC	24 g		8 (M16X1,5/M14X1,5)	N15013

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	2160	700325015110	CLAMP HALF TUBE 1/1 D11-15	2	PC	30,2 g		1/1 D11 - 15	MMN325
	2170	700327010000	GROMMET	1	PC	2,8 g		10	MMN327
	2190	X54799100338/88	HOSE	1	PC	164,9 g		W1-DN6X750 M14X1,5	
	2200	700160000006	ELBOW 90 DEG KR 6	1	PC	44,8 g		KR 6	MMN160
	2210	0029908171	ELBOW	1	PC	35,7 g			
	2230	X54899100025	RETAINER	1	PC	47 g	SB		
	2240	916016012201	CLAMP	1	PC	21 g		BRSGU 12/20	N16016
	2250	000125008427	WASHER	1	PC	1,5 g		A 8,4	DIN125
	2260	304017008079	HEX SCREW	1	PC	11,7 g		M 8 X 20	ISO4017
	2270	304032008014	NUT HEX 8 A3C	1	PC	4,8 g		M 8	ISO4032
	2290	916016012201	CLAMP	1	PC	21 g		BRSGU 12/20	N16016
	2300	000125008427	WASHER	1	PC	1,5 g		A 8,4	DIN125
	2310	304017008077	HEX SCREW	1	PC	10,5 g		M 8 X 16	ISO4017
	2320	916016012201	CLAMP	1	PC	21 g		BRSGU 12/20	N16016
	2330	000125008427	WASHER	1	PC	1,5 g		A 8,4	DIN125
	2340	304017008077	HEX SCREW	1	PC	10,5 g		M 8 X 16	ISO4017
	2350	916016012201	CLAMP	1	PC	21 g		BRSGU 12/20	N16016
	2360	000125008427	WASHER	1	PC	1,5 g		A 8,4	DIN125
	2370	5315461043	RETAINER	1	PC	81,1 g			
	2380	000125008427	WASHER	1	PC	1,5 g		A 8,4	DIN125
	2390	304017008077	HEX SCREW	1	PC	10,5 g		M 8 X 16	ISO4017
	2410	X57599100381	SPACER SLEEVE F. HOT ENGINE PARTS	1	PC	0,052 kg			
	2420	007349008002	WASHER	1	PC	7,9 g		8,4	DIN7349
	2430	304017008085	HEX SCREW	1	PC	18 g		M 8 X 40	ISO4017
181	2460	735211008001	UNION	1	PC	0,031 kg		8M 14 X 1,5	MTN5211
	2470	700160000006	ELBOW 90 DEG KR 6	1	PC	44,8 g		KR 6	MMN160
	2480	X52999100105/88	HOSE	1	PC	146 g		W1-DN6X570	
	2490	700160000006	ELBOW 90 DEG KR 6	1	PC	44,8 g		KR 6	MMN160
	2500	136M52010/1	BRACKET L H:100	1	PC	48 g			
	2510	916016012201	CLAMP	1	PC	21 g		BRSGU 12/20	N16016
	2520	000125008427	WASHER	1	PC	1,5 g		A 8,4	DIN125
	2530	204017008022	HEX SCREW	1	PC	10 g		M 8 X 14	ISO4017
	2540	136M52010/1	BRACKET L H:100	1	PC	48 g			
	2550	916016012201	CLAMP	1	PC	21 g		BRSGU 12/20	N16016
	2560	000125008427	WASHER	1	PC	1,5 g		A 8,4	DIN125
	2570	204017008022	HEX SCREW	1	PC	10 g		M 8 X 14	ISO4017
181	2590	735211008001	UNION	1	PC	0,031 kg		8M 14 X 1,5	MTN5211
	2600	700160000006	ELBOW 90 DEG KR 6	1	PC	44,8 g		KR 6	MMN160
	2610	X54899100020/88	HOSE	1	PC	149,1 g		W1-DN6X610	
	2620	0029908171	ELBOW	1	PC	35,7 g			
	2630	136M52010/1	BRACKET L H:100	1	PC	48 g			
	2640	916016012201	CLAMP	1	PC	21 g		BRSGU 12/20	N16016
	2650	000125008427	WASHER	1	PC	1,5 g		A 8,4	DIN125
	2660	204017008022	HEX SCREW	1	PC	10 g		M 8 X 14	ISO4017
	2670	136M52010/1	BRACKET L H:100	1	PC	48 g			
	2680	916016012201	CLAMP	1	PC	21 g		BRSGU 12/20	N16016
	2690	000125008427	WASHER	1	PC	1,5 g		A 8,4	DIN125
	2700	204017008022	HEX SCREW	1	PC	10 g		M 8 X 14	ISO4017
181	2720	735211008001	UNION	1	PC	0,031 kg		8M 14 X 1,5	MTN5211
	2730	700160000006	ELBOW 90 DEG KR 6	1	PC	44,8 g		KR 6	MMN160
	2740	X54920200031	VENT LINE F/INTERCOOLER, RIGH	1	PC	0,061 kg			
	2750	007603014102	COPPER SEALING RING	1	PC	1 g		A 14 X 18	DIN7603
	2760	915006006000	UNION	1	PC	22,9 g		6	N15006
	2770	007603018101	COPPER SEALING RING	1	PC	1,3 g		A 18 X 22	DIN7603

EQUI TYPE: Engine

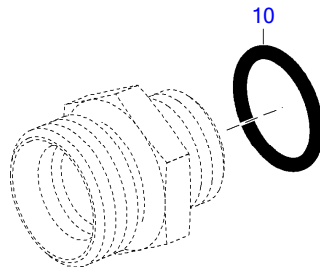
PRODUCT TYPE: 16V4000C65
COOLANT VENT

SERIAL NUMBER: 5482000021

FG/FGS: 202 65

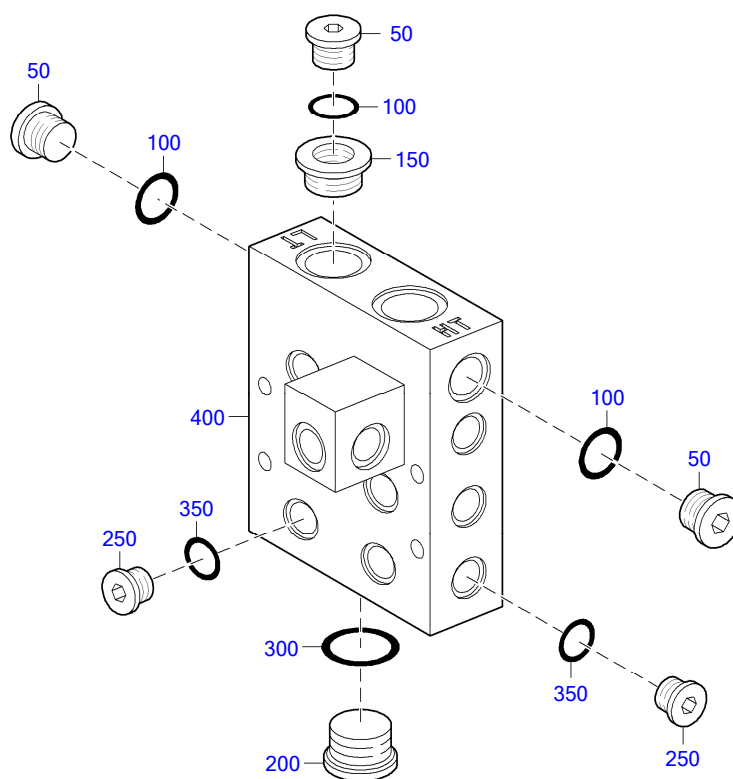
BOM-No.: XS548200.00056

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	2780	000908018002	PLUG	1	PC	0,029 kg		M 18 X 1,5	DIN908



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	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	735221011000	O-RING	1	PC	0,3 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	1,3 g	A 18 X 22	DIN7603
	150	5319970016	THREADED BUSHING	8V2000	2	PC	32,7 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	3,1 g	A 26 X 31	DIN7603
	350	007603014102	COPPER SEALING RING		20	PC	1 g	A 14 X 18	DIN7603
	400	X54720200232	DISTRIBUTOR BLOCK		1	PC	3,84 kg		

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000C65
PIPE LINE

SERIAL NUMBER: 5482000021

FG/FGS:

BOM-No.: X54820300038

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	100	915003006202	UNION BALL B2-8	2	PC	0,011 kg	B2 - 8	MBN15003
	150	915001006003	NUT	2	PC	12,5 g	6 M 14 X 1,5	N15001

GROUP SEGMENT (FGS)

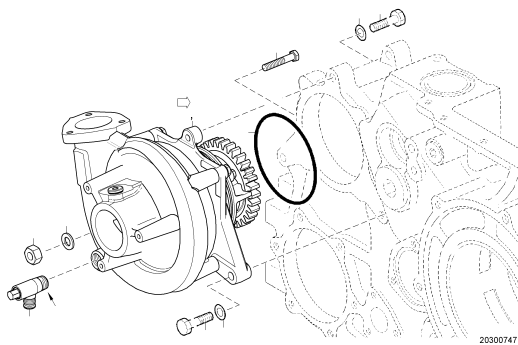
GROUP NAME

BOM-No.

05

COOLANT PUMP LT CIRCUIT

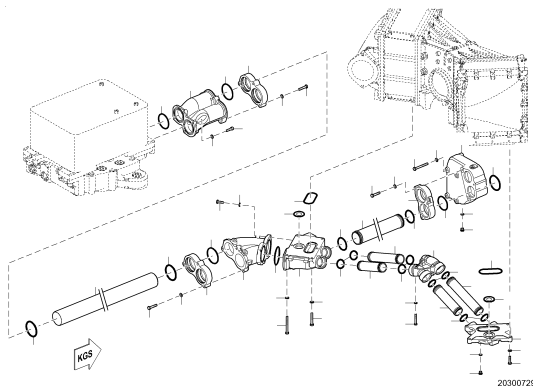
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25

COOLANT DUCTING LT CIRCUIT

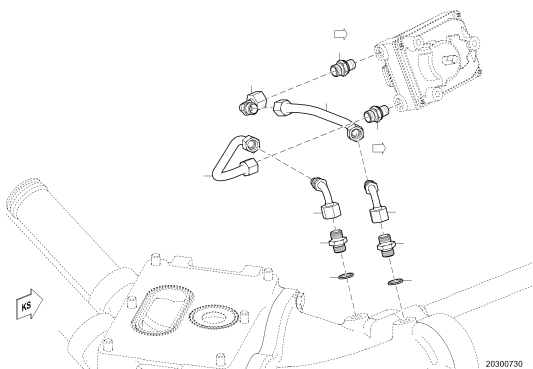
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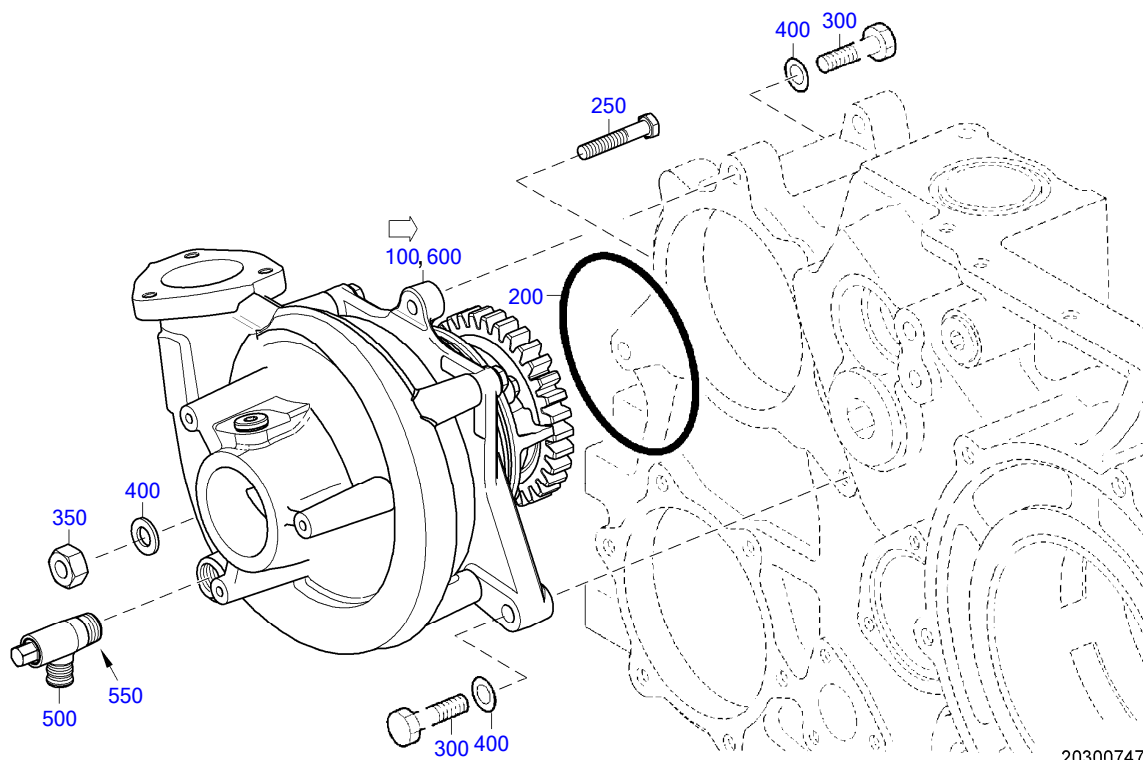


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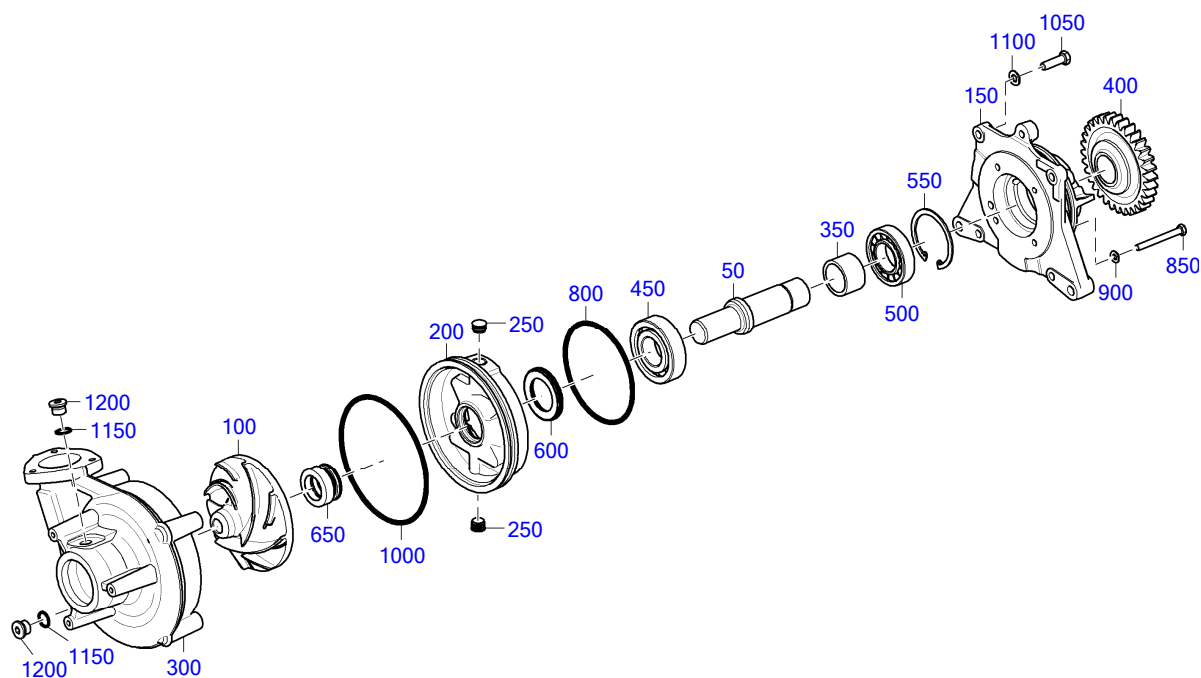
COOLANT DUCTING FOR ACTUATOR MOTOR

XS548200.00060



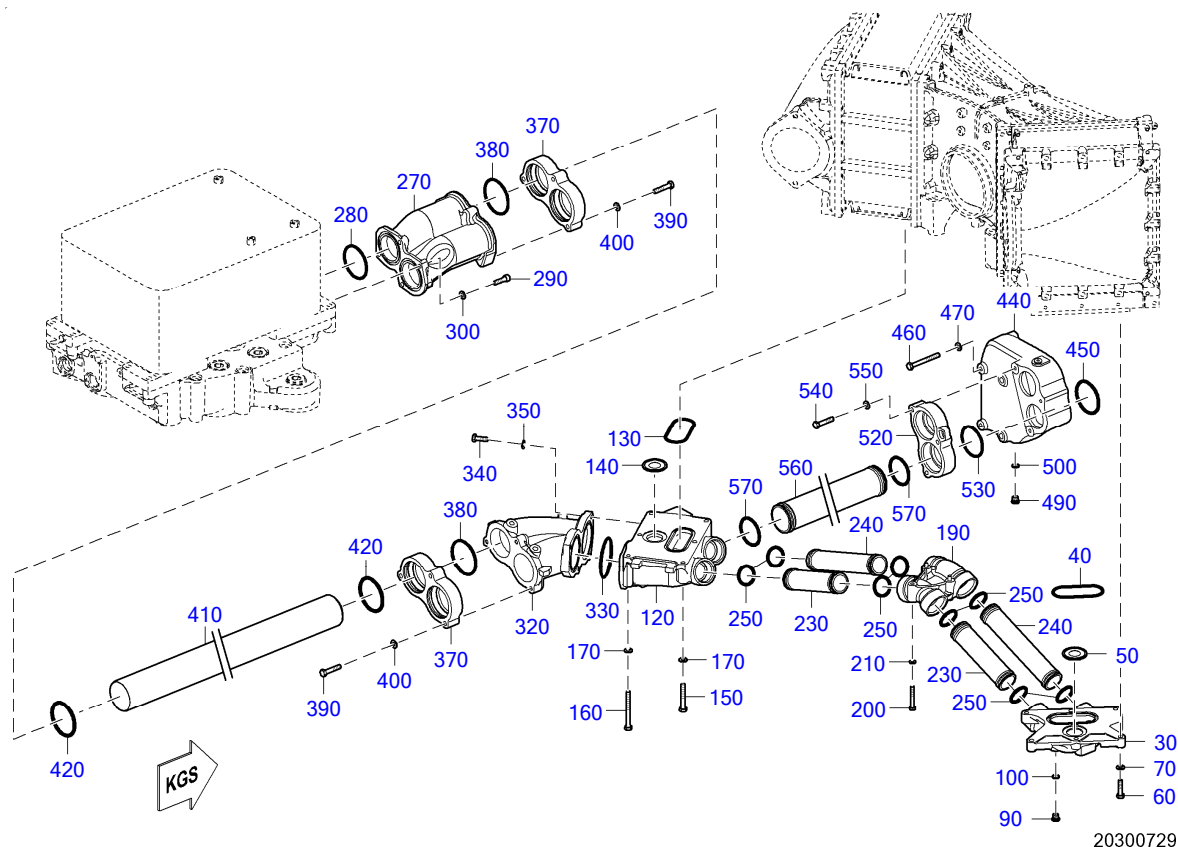


	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
186	100	X54920300044	COOLANT PUMP LT CIRCUIT	1	PC	24,8 kg	EM		
	200	735252130000	O-RING	1	PC	0,01 kg		130 X 5	MTN5252
	250	000000003328	HEX SCREW	1	PC	64,4 g		M 12 X 70	ISO4017
	300	000000003437	HEX SCREW	2	PC	50,8 g		M 12 X 50	ISO4017
	350	000000004744	HEX NUT	1	PC	14,3 g		M 12	ISO4032
	400	000125013012	WASHER	3	PC	5,6 g		A 13	DIN125
	500	0049976736	VALVE DRAIN	1	PC	125 g			
	550	50155	TAPE SEALING PTFE	1	PC	0,014 kg		12 X 0,1	MTS5034
	600	EX54920300044	COOLANT PUMP LT CIRCUIT	1	PC		EM		



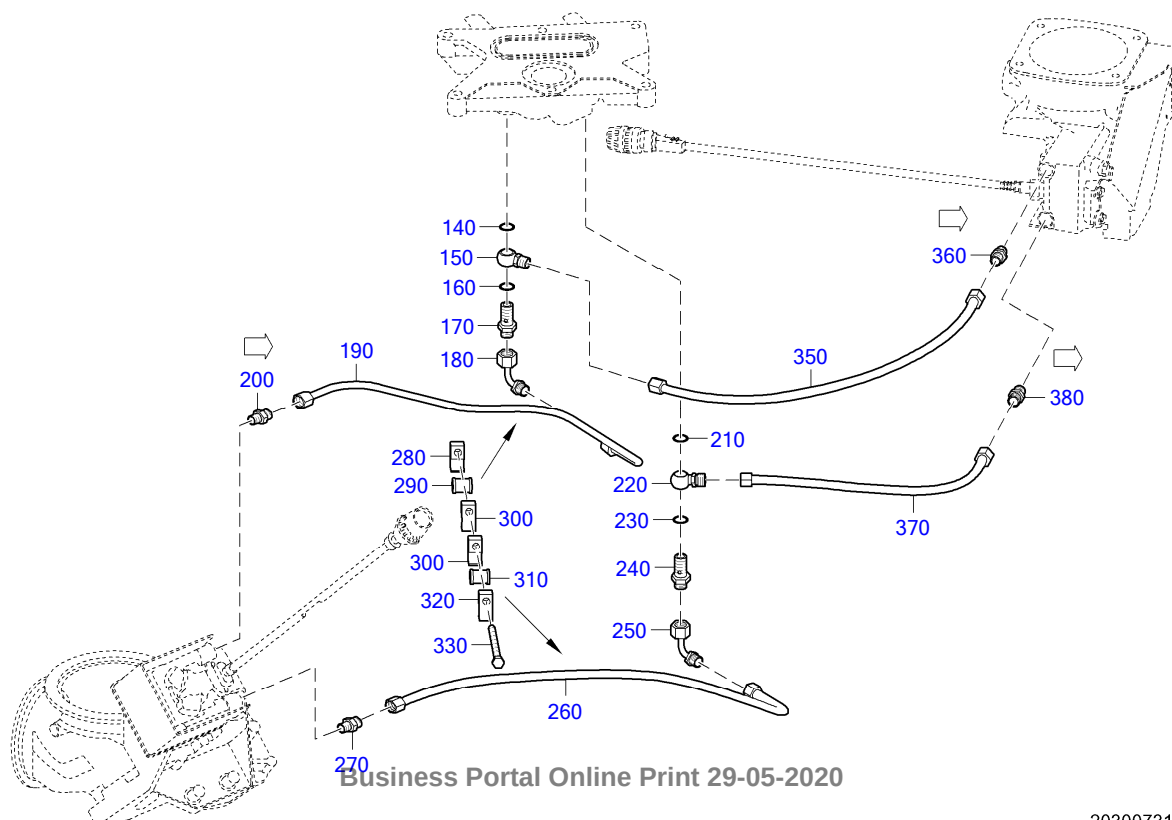
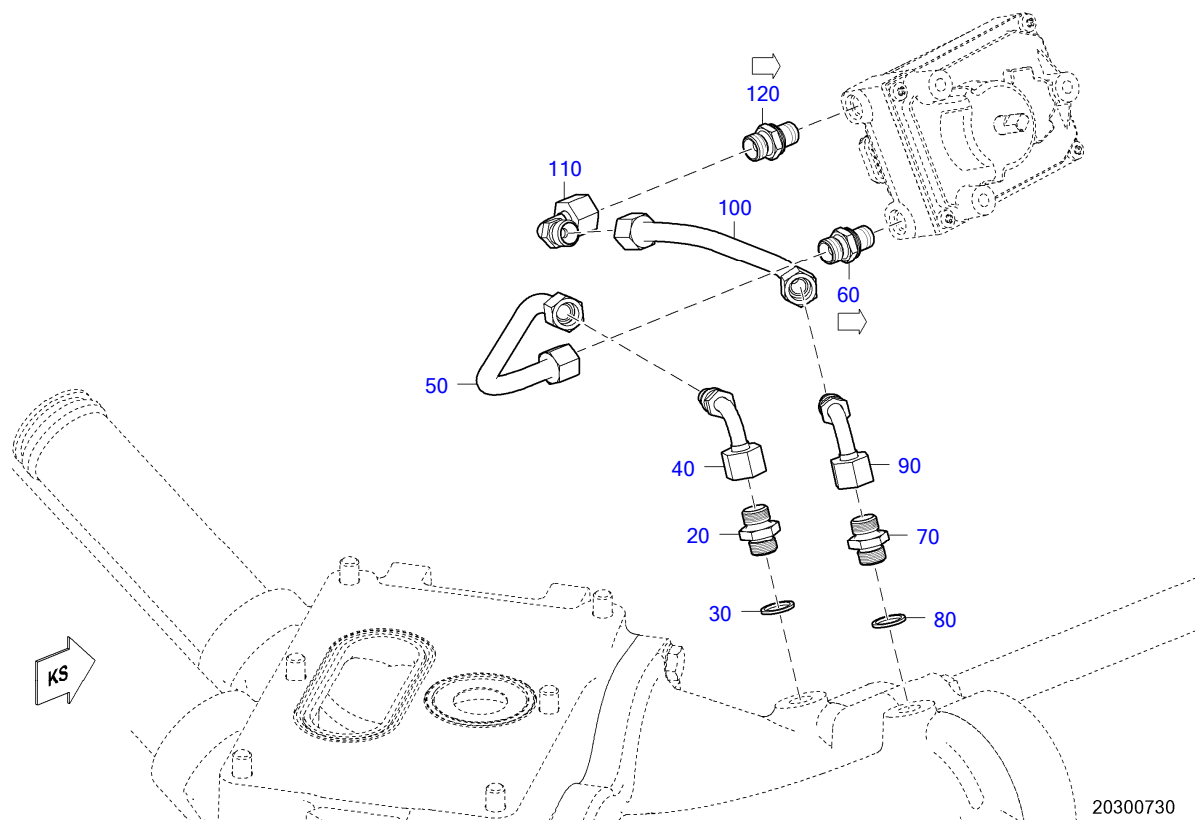
20300748

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	50	5272010805	SHAFT WTR PMP HI TEMP CLG CIRCUIT		1	PC	1,699 kg		
	100	X54820300026	IMPELLER LT CIRCUIT	16V4000-04	1	PC	2,185 kg		
	150	5272010010	BEARING HOUSING		1	PC	7,05 kg		
	200	X54820300021	SEAL CARRIER		1	PC	2,936 kg		
	250	X52699100537	PLUG		2	PC	0,002 kg		
	300	X54820300028	SPIRAL HOUSING LT CIRCUIT		1	PC	7,77 kg		
	350	5272010153	SPACER SLEEVE		1	PC	172,8 g		
	400	X54899100143	GEAR FOR AUX PTO		1	PC	1,78 kg		
	450	200628103006	BEARING ANGULAR CONT ACT ROLLER		1	PC	750 g	QJ308	DIN628
	500	705100502035	BEARING CYLINDRICAL ROLLER		1	PC	623 g	NU208	DIN5412
	550	000472080000	RING SNAP		1	PC	22 g	80 X 2,5	DIN472
	600	X52620200028	RADIAL-LIP SHFT SEAL FOR COOLANT PUMP		1	PC	0,03 kg		
	650	X00026765	ROTARY SEAL		1	PC	74 g		
	800	700429135000	O-RING		1	PC	18,6 g	135 X 5	MMN429
	850	000931008241	HEX SCREW		4	PC	31,7 g	M 8 X 75	DIN931
	900	000125008427	WASHER		4	PC	1,5 g	A 8,4	DIN125
	1000	700429172000	O-RING		1	PC	23,5 g	172 X 5	MMN429
	1050	000000003326	HEX SCREW		4	PC	27,4 g	M 10 X 35	ISO4017
	1100	000125010524	WASHER		4	PC	3,1 g	A 10,5	DIN125
	1150	007603018101	COPPER SEALING RING		2	PC	1,3 g	A 18 X 22	DIN7603
	1200	000908018002	PLUG		2	PC	0,029 kg	M 18 X 1,5	DIN908

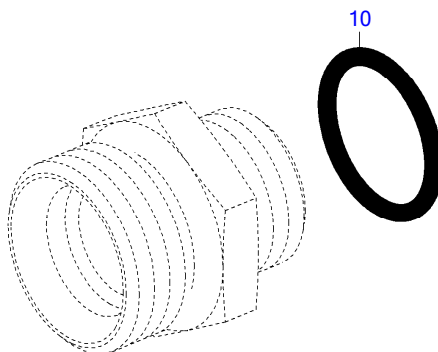


☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	30	X54720300008	CONNECTION HOUSING F.INTERCOOLER LHS	1	PC	7,34 kg		
	40	735252095000	O-RING	1	PC	7 g	95 X 4	MTN5252
	50	X54720200204	RESTRICTOR	1	PC	13,7 g		
	60	000000001039	HEX SCREW	6	PC	29,8 g	M 10 X 40	ISO4017
	70	000125010524	WASHER	6	PC	3,1 g	A 10,5	DIN125
	90	000908014001	SCREW PLUG	2	PC	0,016 kg	M 14 X 1,5	DIN908
	100	007603014102	COPPER SEALING RING	2	PC	1 g	A 14 X 18	DIN7603
	120	X54720300007	DISTRIBUTOR HOUSING F/INTERCOOLER, RIGH	1	PC	11,86 kg		
	130	735252095000	O-RING	1	PC	7 g	95 X 4	MTN5252
	140	X54720200204	RESTRICTOR	1	PC	13,7 g		
	150	000000001076	HEX SCREW	3	PC	45,9 g	M 10 X 70	ISO4017
	160	000000003922	HEX SCREW	3	PC	66,6 g	M 10 X100	ISO4014
	170	000125010524	WASHER	6	PC	3,1 g	A 10,5	DIN125
	190	X54720300098	TWIN ELBOW F.TRANSV.CONN. IC	1	PC	2,45 kg		
	200	304017008089	HEX SCREW	3	PC	24,2 g	M 8 X 60	ISO4017
	210	000125008427	WASHER	3	PC	1,5 g	A 8,4	DIN125
	230	X54720300004	PLUG-IN PIPE FROM/TO INTERCOOLER	2	PC	894,8 g		
	240	X54720300005	PLUG-IN PIPE FROM/TO INTERCOOLER	2	PC	1,2 kg		
	250	735252042000	O-RING	8	PC	0,015 kg	42 X 5	MTN5252
	270	X54720300001	COOLANT ELBOW LT CIRCUIT	1	PC	6,94 kg		
	280	735252080000	O-RING	2	PC	6 g	80 X 4	MTN5252
	290	000912010066	BOLT HEX SOC HD	4	PC	29,1 g	M 10 X 35	DIN912
	300	000125010524	WASHER	4	PC	3,1 g	A 10,5	DIN125
	320	X54720300014	COOLANT ELBOW	1	PC	7,56 kg		
	330	735252090001	O-RING	2	PC	6,7 g	90 X 4	MTN5252

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	340	000000001464	HEX SCREW	4	PC	24,9 g	M 10 X 30	ISO4017
	350	000125010524	WASHER	4	PC	3,1 g	A 10,5	DIN125
	370	X54799100523	DUAL-PURPOSE PLATE ON COOLANT DISTR HS	2	PC	2,577 kg		
	380	735252085000	O-RING	4	PC	6,4 g	85 X 4	MTN5252
	390	000000001042	HEX SCREW	6	PC	34,6 g	M 10 X 50	ISO4017
	400	000125010524	WASHER	6	PC	3,1 g	A 10,5	DIN125
	410	X54820300002	COOLANT LINE LT COOLANT CIRCUIT	2	PC	4,5 kg		
	420	735252080002	O-RING	4	PC	14,16 g	80 X 6	MTN5252
	440	X54820300037	COOLANT ELBOW LT CIRCUIT	1	PC	12,051 kg		
	450	735252080000	O-RING	2	PC	6 g	80 X 4	MTN5252
	460	000000003922	HEX SCREW	4	PC	66,6 g	M 10 X100	ISO4014
	470	000125010524	WASHER	4	PC	3,1 g	A 10,5	DIN125
	490	000908014001	SCREW PLUG	2	PC	0,016 kg	M 14 X 1,5	DIN908
	500	007603014102	COPPER SEALING RING	2	PC	1 g	A 14 X 18	DIN7603
35	505	735210014000	THREAD PLUG	1	PC	0,019 kg	M 14 X 1,5	MTN5210
	520	X54799100860	DUAL-PURPOSE PLATE TO INTERCOOLER	1	PC	2,365 kg		
	530	735252074000	O-RING	2	PC	5,6 g	74 X 4	MTN5252
	540	000000003347	HEX SCREW	3	PC	37,5 g	M 10 X 55	ISO4017
	550	000125010524	WASHER	3	PC	3,1 g	A 10,5	DIN125
	560	X54899100061	PLUG-IN PIPE TO INTERCOOLER	2	PC	2,134 kg		
	570	735252065000	O-RING	4	PC	7,7 g	65 X 5	MTN5252



	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	20	915006006000	UNION	1	PC	22,9 g		6	N15006
	30	007603014102	COPPER SEALING RING	1	PC	1 g		A 14 X 18	DIN7603
	40	700160000006	ELBOW 90 DEG KR 6	1	PC	44,8 g		KR 6	MMN160
	50	X59399100145/88	HOSE	1	PC	113,4 g		W1-DN6X300	
189	60	735211008000	UNION	1	PC	0,023 kg	P	8M 12 X 1,5	MTN5211
	70	915006006000	UNION	1	PC	22,9 g		6	N15006
	80	007603014102	COPPER SEALING RING	1	PC	1 g		A 14 X 18	DIN7603
	90	700160000006	ELBOW 90 DEG KR 6	1	PC	44,8 g		KR 6	MMN160
	100	X59399100145/88	HOSE	1	PC	113,4 g		W1-DN6X300	
	110	700160000006	ELBOW 90 DEG KR 6	1	PC	44,8 g		KR 6	MMN160
189	120	735211008000	UNION	1	PC	0,023 kg	P	8M 12 X 1,5	MTN5211
	140	007603014102	COPPER SEALING RING	1	PC	1 g		A 14 X 18	DIN7603
	150	X54999100088	BANJO FITTING WITH SCREW THREAD	1	PC	0,03 kg			
	160	007603014102	COPPER SEALING RING	1	PC	1 g		A 14 X 18	DIN7603
	170	700335008002	BANJO UNION	1	PC	35 g		8	MMN335
	180	700160000006	ELBOW 90 DEG KR 6	1	PC	44,8 g		KR 6	MMN160
	190	X59399100144/88	HOSE	1	PC	146,4 g		W1-DN6X585	
189	200	735211008000	UNION	1	PC	0,023 kg	P	8M 12 X 1,5	MTN5211
	210	007603014102	COPPER SEALING RING	1	PC	1 g		A 14 X 18	DIN7603
	220	X54999100088	BANJO FITTING WITH SCREW THREAD	1	PC	0,03 kg			
	230	007603014102	COPPER SEALING RING	1	PC	1 g		A 14 X 18	DIN7603
	240	700335008002	BANJO UNION	1	PC	35 g		8	MMN335
	250	700160000006	ELBOW 90 DEG KR 6	1	PC	44,8 g		KR 6	MMN160
	260	X54899100020/88	HOSE	1	PC	149,1 g		W1-DN6X610	
189	270	735211008000	UNION	1	PC	0,023 kg	P	8M 12 X 1,5	MTN5211
	280	700325015100	CLAMP HALF TUBE 1/1 D9-15	1	PC	0,033 kg		1/1 D 9 - 15	MMN325
	290	700327010000	GROMMET	1	PC	2,8 g		10	MMN327
	300	700325015100	CLAMP HALF TUBE 1/1 D9-15	2	PC	0,033 kg		1/1 D 9 - 15	MMN325
	310	700327010000	GROMMET	1	PC	2,8 g		10	MMN327
	320	700325015100	CLAMP HALF TUBE 1/1 D9-15	1	PC	0,033 kg		1/1 D 9 - 15	MMN325
	330	304014008032	HEX SCREW	1	PC	34,1 g		M 8 X 80	ISO4014
	350	X59399100145/88	HOSE	1	PC	113,4 g		W1-DN6X300	
189	360	735211008000	UNION	1	PC	0,023 kg	P	8M 12 X 1,5	MTN5211
	370	X52999100101/88	HOSE	1	PC	108,1 g		W1-DN6X240	
189	380	735211008000	UNION	1	PC	0,023 kg	P	8M 12 X 1,5	MTN5211



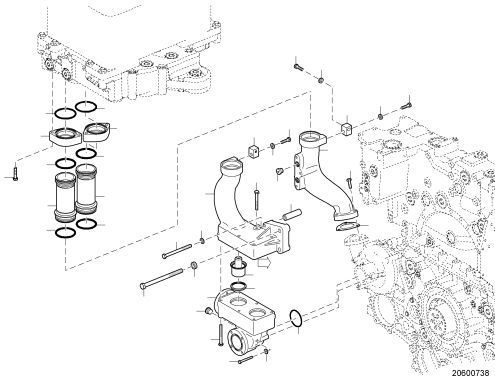
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	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	735221009000	O-RING	1	PC	0,1 g	9,3 X 2,2 - M12X1,5	MTN5221

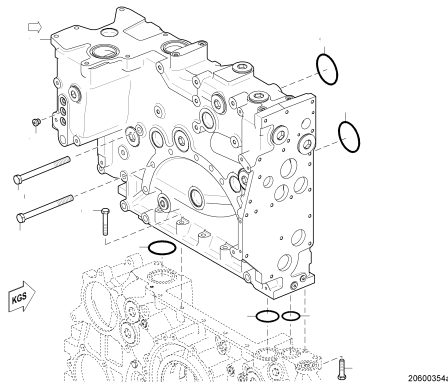
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GROUP NAME

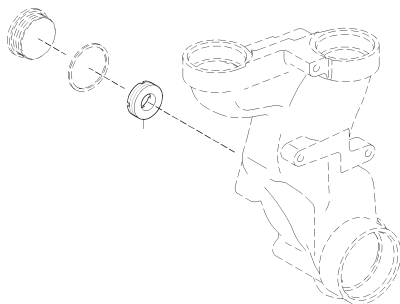
BOM-No.



05

THERMOSTAT HOUSING LT CIRCUIT
XS547200.00101

05

COOLANT DISTRIB HSG
XS594200.00019

05

MODIFICATION BOM
XU547018.030/002

10

RESTRICTOR
X00028740

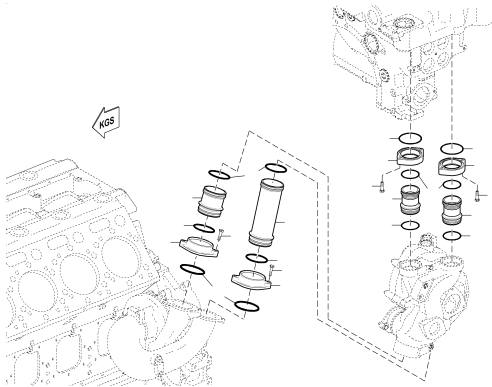
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MODIFICATION BOM
XU547018.030/001

GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.



15

THERMOSTAT HOUSING HT COOLANT CIRCUIT
XS529200.00024

EQUI TYPE: Engine

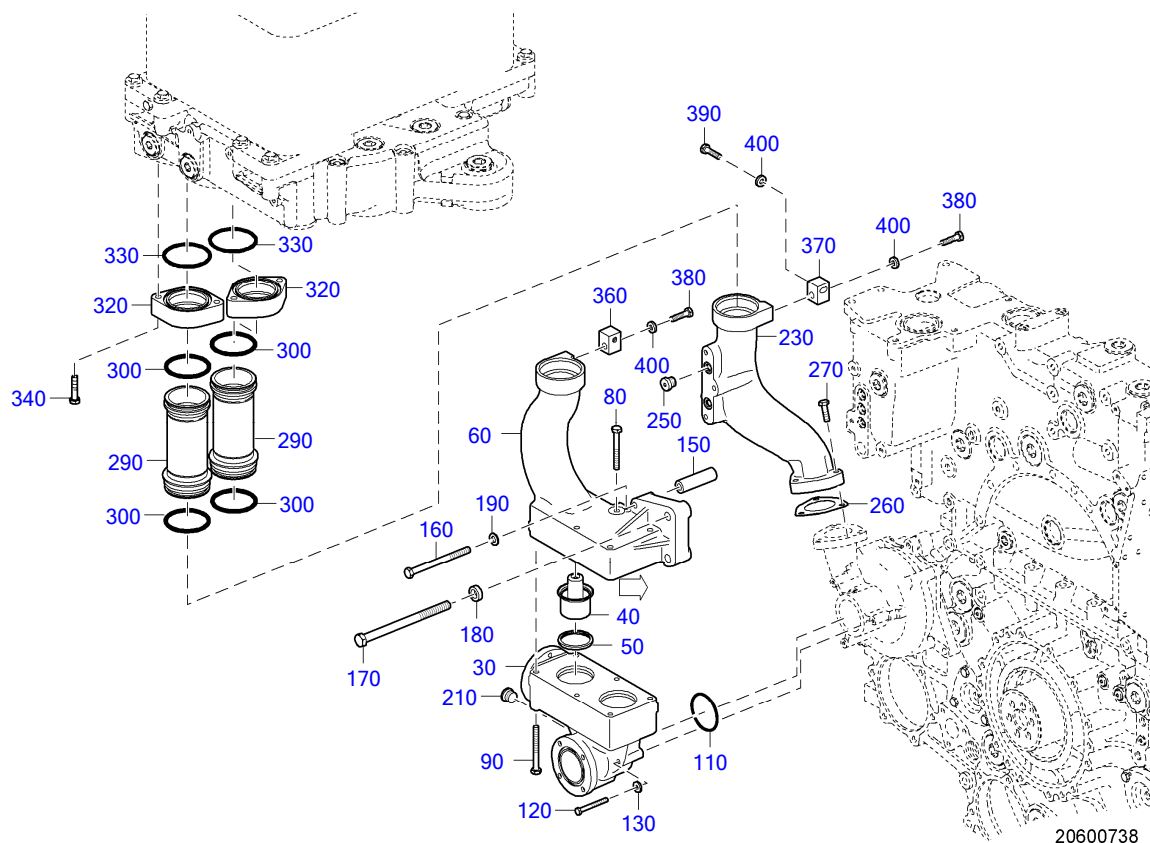
PRODUCT TYPE: 16V4000C65
MODIFICATION BOM

SERIAL NUMBER: 5482000021

FG/FGS: 206 05

BOM-No.: XU547018.030/002

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN
	40	X52420300050	THERMAL ACTUATOR	2	PC	0,183 kg	EM



☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	30	X54720300113	THERMOSTAT HOUSING		1	PC	12,783 g			
	40	X52420300037	THERMAL ACTUATOR	DICHTRING AUS FKM MTL5076	2	PC	178,8 g	EM		
	50	05132155	SEALING RING		2	PC	20 g			
	60	X54720300079	THERMOSTAT HOUSING		1	PC	11 kg			
	80	204014010039	HEX SCREW		4	PC	58,9 g	M 10 X 85		ISO4014
	90	000000004740	HEX SCREW		2	PC	63,4 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	27,3 g	M 8 X 70		ISO4017
	130	007349008002	WASHER		3	PC	7,9 g	8,4		DIN7349
	150	5282030653	TUBE SPACER		1	PC	235,7 g			
	160	000000003921	HEX SCREW		1	PC	138,5 g	M 12 X150		ISO4014
	170	204014016019	HEX SCREW		2	PC	516 g	M 16 X320		ISO4014
	180	5581420076	WASHER		2	PC	28,7 g			
	190	000125013012	WASHER		1	PC	5,6 g	A 13		DIN125
	210	5319970832	PLUG		1	PC	0,055 kg	M22X1.5		
	230	X00028045	ELBOW THERMOSTAT HSG		1	PC	7,3 kg			
35	250	735210014000	THREAD PLUG		1	PC	0,019 kg	M 14 X 1,5		MTN5210
	260	5272030080	GASKET		1	PC	6,5 g			
	270	000000003711	HEX SCREW		3	PC	29,4 g	M 10 X 40		ISO4017
	290	5262003251	TUBE ASM 178	4000-03	2	PC	1,1 kg			
	300	735252070000	O-RING		4	PC	8,5 g	70 X 5		MTN5252
	320	5262030439	FLANGE WELDING-NECK		2	PC	620 g			
	330	735252076000	O-RING		2	PC	5,6 g	76 X 4		MTN5252
	340	204017010021	HEX SCREW		4	PC	32,5 g	M 10 X 45		ISO4017
	360	X52820300020	RETAINER		1	PC	285 g			

EQUI TYPE: Engine

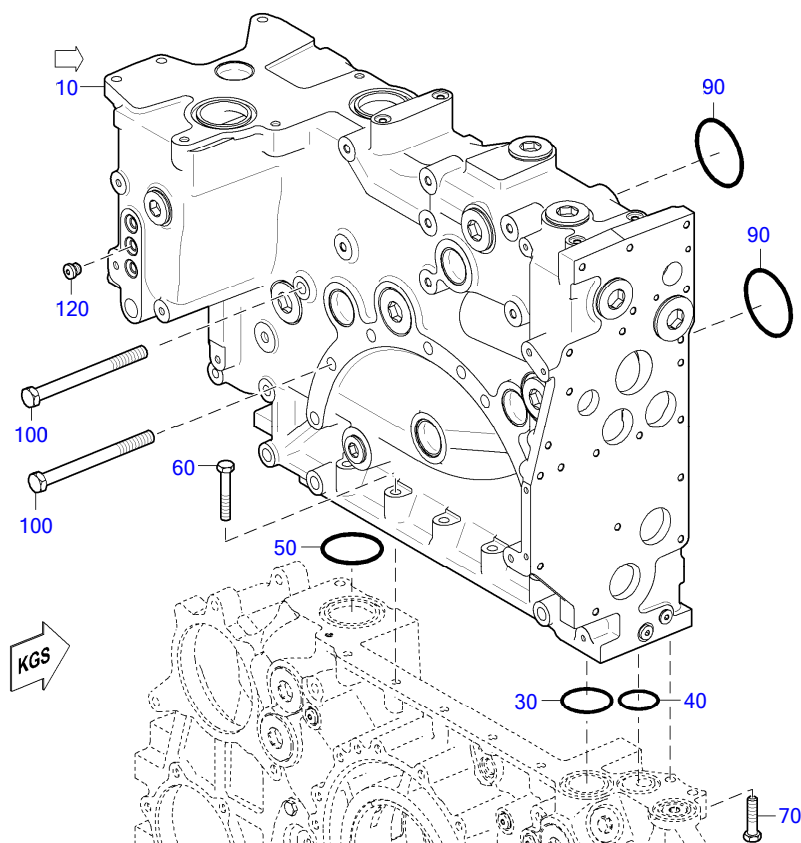
PRODUCT TYPE: 16V4000C65
THERMOSTAT HOUSING LT CIRCUIT

SERIAL NUMBER: 5482000021

FG/FGS: 206 05

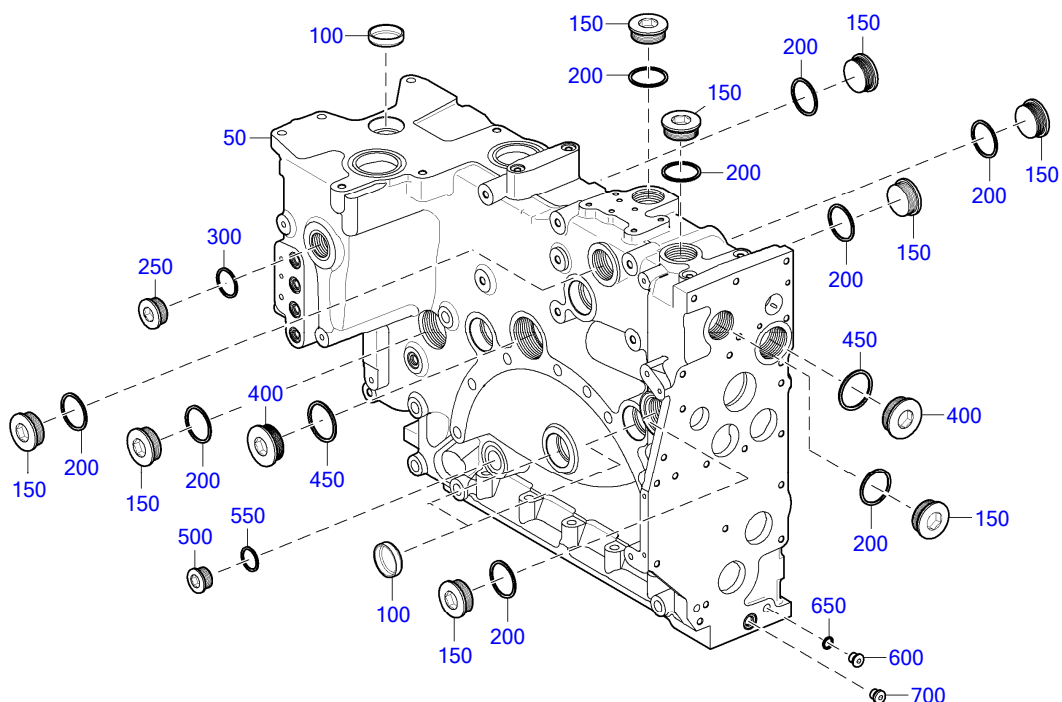
BOM-No.: XS547200.00101

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	370	X52820300021	RETAINER		1	PC	260 g			
	380	204017010021	HEX SCREW		2	PC	32,5 g		M 10 X 45	ISO4017
	390	000000004742	HEX SCREW		1	PC	46,6 g		M 10 X 75	ISO4017
	400	735151010100	SPACER		3	PC	11 g		A 10,5	MTN5151



20600354a

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
194	10	X59320200160	Coolant Distr. Hsg. S4000 Type 03-04	1	PC	154 kg		
	30	735252055000	O-RING	1	PC	6,4 g	55 X 5	MTN5252
	40	735252042000	O-RING	1	PC	0,015 kg	42 X 5	MTN5252
	50	735252070000	O-RING	1	PC	8,5 g	70 X 5	MTN5252
	60	204017012015	HEX SCREW	2	PC	50 g	M 12 X 50	ISO4017
	70	000000002970	HEX SCREW	5	PC	64,7 g	M 12 X 70	ISO4017
	90	735252083000	O-RING	2	PC	9,6 g	83 X 5	MTN5252
	100	000000002973	HEX SCREW	2	PC	302,8 g	M 16 X 180	ISO4014
35	120	735210014000	THREAD PLUG	4	PC	0,019 kg	M 14 X 1,5	MTN5210



TD0000005012_206

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	50	X59320200159	COOLANT DISTR. HSG	1	PC	147 kg		
	100	5249970020	SEALING CAP	8	PC	62,6 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	7,7 g	A 48 X 55	DIN7603
	250	000908038000	THREAD PLUG	3	PC	0,15 kg	M 38 X 1,5	DIN908
	300	007603038101	COPPER SEALING RING	3	PC	5,4 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	12,5 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	4,3 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 g	A 14 X 18	DIN7603
35	700	735210014000	THREAD PLUG	1	PC	0,019 kg	M 14 X 1,5	MTN5210

EQUI TYPE: Engine

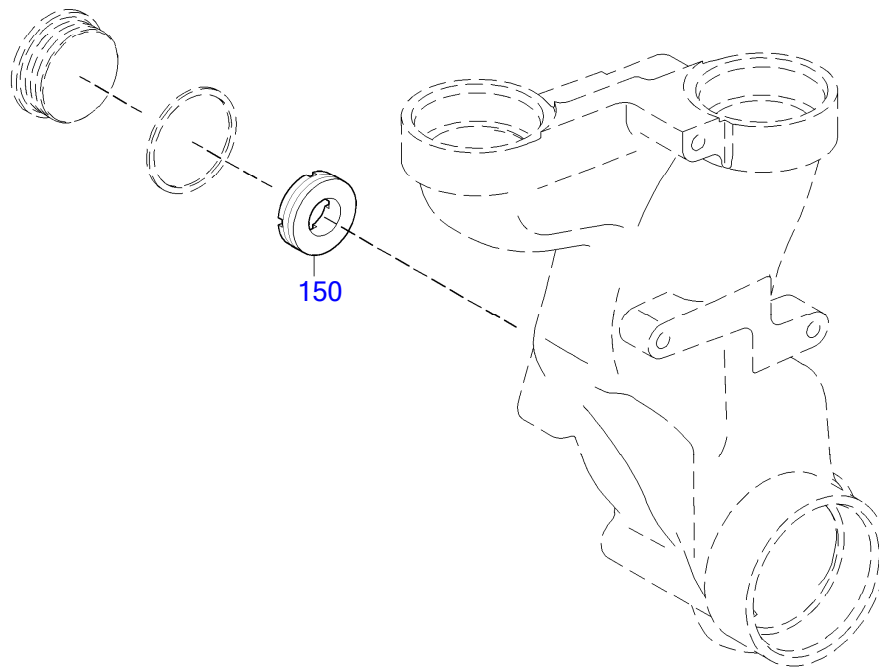
PRODUCT TYPE: 16V4000C65
MODIFICATION BOM

SERIAL NUMBER: 5482000021

FG/FGS: 206 10

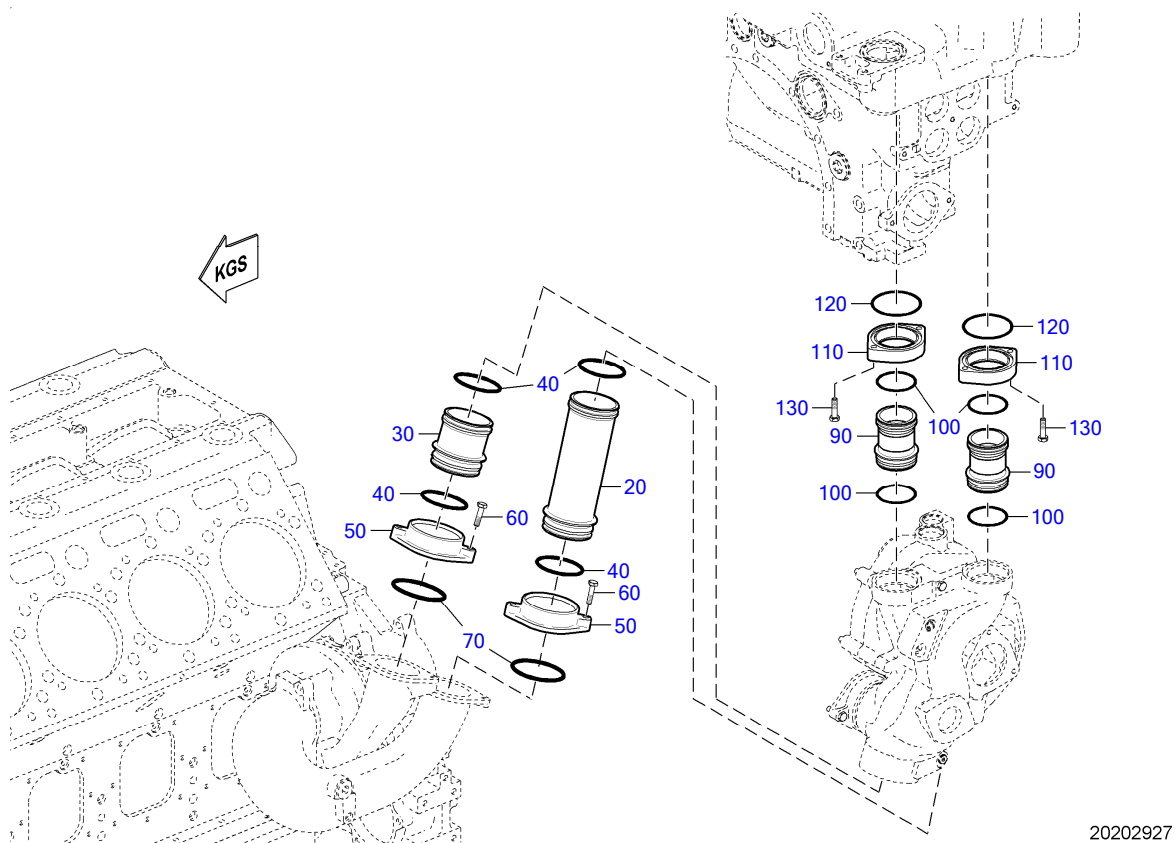
BOM-No.: XU547018.030/001

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN
	40	X59420300092	THERMAL ACTUATOR	5	PC	0,18 kg	EM

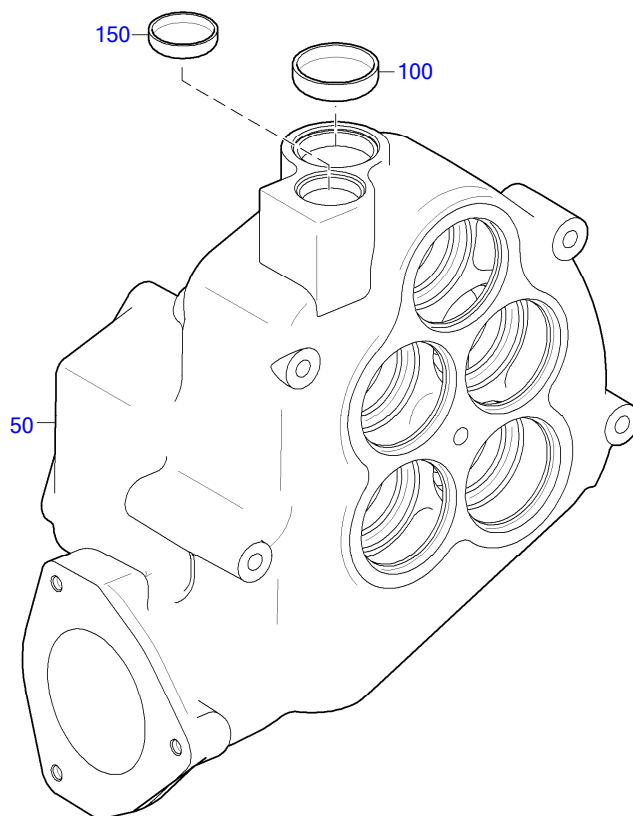


20600276b

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT
	150	5242031452	RESTRICTOR	12V4000	1	PC	161,6 g	M52-1.5X15 W/26MM OPENING

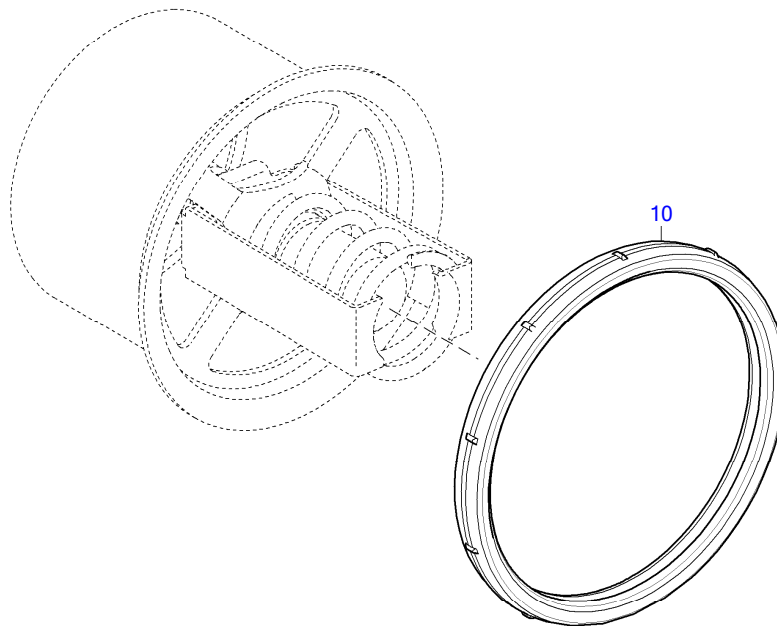


☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	20	5282030053	TUBE PLUG-IN 277 L		1	PC	2,12 kg			
	30	5282030153	TUBE PLUG-IN 106 L	4000	1	PC	950 g			
	40	735252085001	O-RING		4	PC	13,6 g	85 X 6	MTN5252	
	50	5242030139	FLANGE		2	PC	1,2 kg			
	60	000000001039	HEX SCREW		4	PC	29,8 g	M 10 X 40	ISO4017	
	70	735252100000	O-RING		2	PC	11,5 g	100 X 5	MTN5252	
	90	5282000151	TUBE	20V4000	2	PC	700 g	SB		
	100	735252070000	O-RING		4	PC	8,5 g	70 X 5	MTN5252	
	110	5282030039	FLANGE		2	PC	1,1 kg			
	120	735252090000	O-RING		2	PC	0,011 kg	90 X 5	MTN5252	
	130	000000001039	HEX SCREW		4	PC	29,8 g	M 10 X 40	ISO4017	
	190	000908014001	SCREW PLUG		1	PC	0,016 kg	M 14 X 1,5	DIN908	
	200	007603014102	COPPER SEALING RING		1	PC	1 g	A 14 X 18	DIN7603	
	210	X59420200402	TWIN ELBOW		1	PC	16,1 kg			
	230	000908014001	SCREW PLUG		1	PC	0,016 kg	M 14 X 1,5	DIN908	
	240	007603014102	COPPER SEALING RING		1	PC	1 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 g	A 64 X 72	DIN7603	
199	270	X59420300059	THERMAL ACTUATOR	DICHTRING AUS FKM MTL5076	5	PC	178,3 g	EM		
	280	05132155	SEALING RING		5	PC	20 g			
	300	000000001465	HEX SCREW		2	PC	78,2 g	M 10 X120	ISO4014	
	310	000000001076	HEX SCREW		1	PC	45,9 g	M 10 X 70	ISO4017	
	330	000000003323	HEX SCREW		2	PC	95,4 g	M 10 X150	ISO4014	
	340	000000003322	HEX SCREW		1	PC	60,8 g	M 10 X 90	ISO4014	
	360	5242032053	CONNECTOR WATER TUBE		1	PC	550 g			
	370	5242030139	FLANGE		1	PC	1,2 kg			
	380	735252085001	O-RING		2	PC	13,6 g	85 X 6	MTN5252	
	390	735252100000	O-RING		1	PC	11,5 g	100 X 5	MTN5252	
	400	000000001039	HEX SCREW		2	PC	29,8 g	M 10 X 40	ISO4017	
35	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	4,3 g	A 30 X 36	DIN7603	
198		X54720200225	THERMOSTAT HOUSING HIGH-TEMP CIRCUIT		1	ST	25,2 kg			



20600737

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT
	50	X54720200224	THERMOSTAT HOUSING HIGH-TEMP CIRCUIT	1	PC		
	100	5249970020	SEALING CAP	2	PC	62,6 g	D 50
	150	5370160233	SEALING CAP	1	PC	32 g	D 40



20600750

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
	10	XP59420300091	SEAL RING	1	PC	0,009 kg

GROUP SEGMENT (FGS)

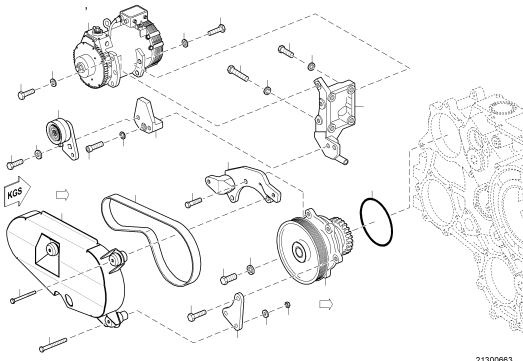
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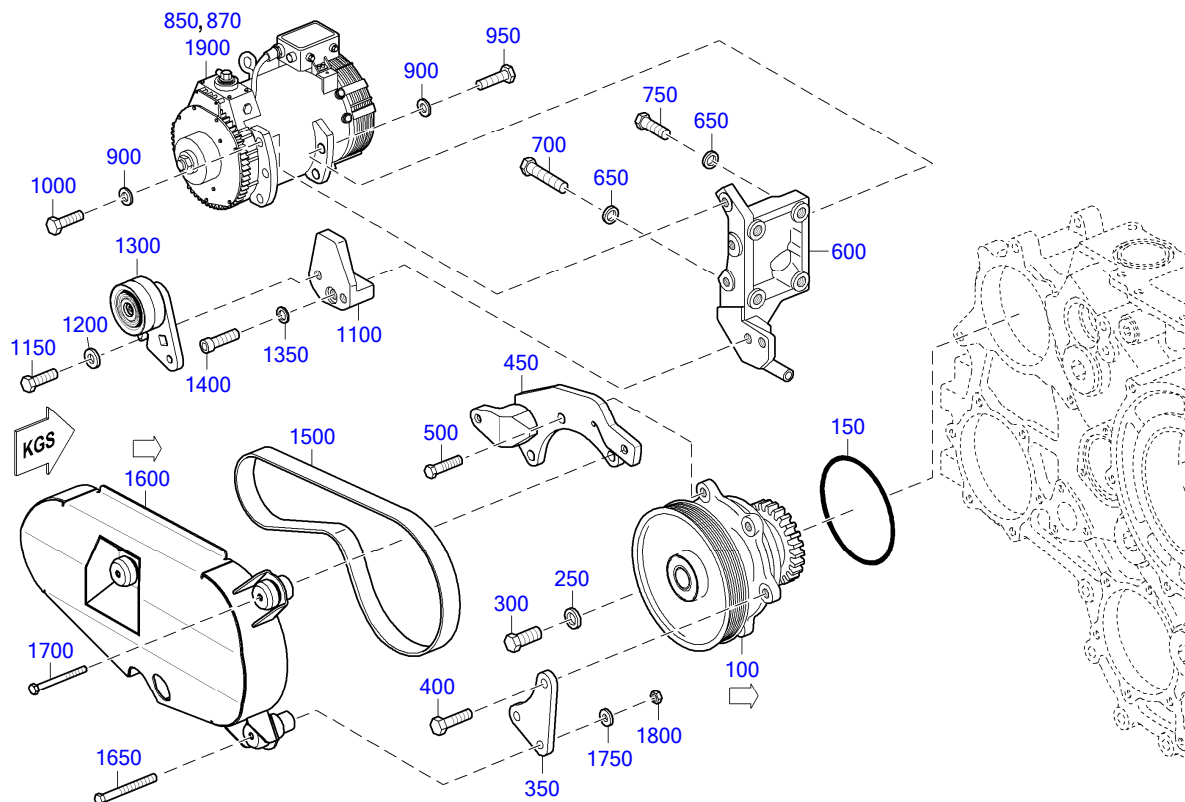
BOM-No.

05

GENERATOR RIGHT SIDE

XS547210.00006





21300663

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
202	100	X52802600011	DRIVE FOR ATT. HARDWARE	1	PC	10,836 kg			
	150	700429135000	O-RING	1	PC	18,6 g		135 X 5	MMN429
	250	735151012100	SPACER S2000/4000	1	PC	20 g		A 12,5	MTN5151
	300	000000000905	HEX SCREW	1	PC	40 g		M 12 X 40	ISO4017
	350	X59402600018	RETAINER	1	PC	430 g	SB		
	400	204017012014	HEX SCREW	2	PC	45 g		M 12 X 45	ISO4017
	450	X59402600023	RETAINER	1	PC	1,6 kg			
	500	204017012014	HEX SCREW	3	PC	45 g		M 12 X 45	ISO4017
	600	X00021704	BRACKET ALT SUPT	1	PC	3,6 kg			
	650	5590770176	WASHER	4	PC	7,7 g			
	700	000000002970	HEX SCREW	2	PC	64,7 g		M 12 X 70	ISO4017
	750	204017012014	HEX SCREW	2	PC	45 g		M 12 X 45	ISO4017
	850	X52421300037	ALTERNATOR	1	PC	36,3 kg			
	870	EX52421300037	ALTERNATOR	1	PC	37 kg			
	900	5590770176	WASHER	5	PC	7,7 g			
	950	204017012014	HEX SCREW	2	PC	45 g		M 12 X 45	ISO4017
	1000	000000000905	HEX SCREW	3	PC	40 g		M 12 X 40	ISO4017
	1100	X52421300039	RETAINER FOR BELT TENSIONER	1	PC	1,194 kg			
	1150	000000001039	HEX SCREW	2	PC	29,8 g		M 10 X 40	ISO4017
	1200	007349010002	WASHER	2	PC	11 g		10,5	DIN7349
	1300	X59499100767	V-BELT TENSIONER	1	PC	1,043 kg			
	1350	000125010524	WASHER	1	PC	3,1 g		A 10,5	DIN125
	1400	204762010002	SCREW	1	PC	35 g		M 10 X 45	ISO4762
	1500	X59499100622	V-RIBBED BELT	1	PC	115,2 g			
	1600	X59402800027	PROTECTIVE COVER	1	PC	4,032 kg	SB		

EQUI TYPE: Engine

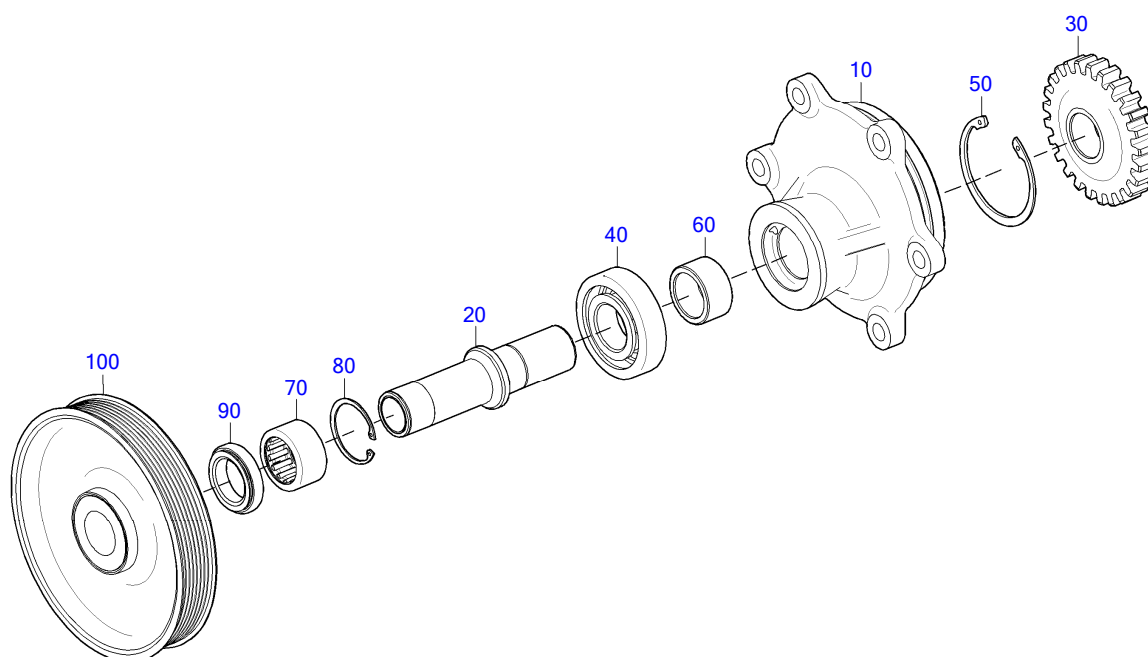
PRODUCT TYPE: 16V4000C65
GENERATOR RIGHT SIDE

SERIAL NUMBER: 5482000021

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	38,2 g		M 8 X 90	ISO4014
	1700	000000001463	HEX SCREW		2	PC	30,5 g		M 8 X 80	ISO4017
	1750	007349008002	WASHER		1	PC	7,9 g		8,4	DIN7349
	1800	304032008014	NUT HEX 8 A3C		1	PC	4,8 g		M 8	ISO4032
	1900	RX52421300037	ALTERNATOR	NIEHOFF C626	1	PC	37,35 kg			



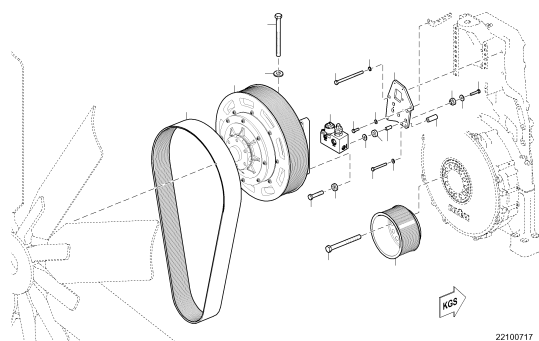
21300273a

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	23540902	HSG ACSRY DRV HVY DT Y LRG BRG UNITIZED	1	PC	3 kg		
	20	X52802600004	SHAFT FOR DRIVE	1	PC	1,254 kg		
	30	X00018270	GEAR FOR DRIVE	1	PC	1,1 kg		
	40	205412503005	CYL ROLLER BEARING	1	PC	550 g	NUP 307 M A	DIN5412
	50	23509204	RING RET ACSRY DRV L RG BALL BRG	1	PC	24,1 g		
	60	X00018267	SPACER SLEEVE FOR DRIVE	1	PC	0,12 kg		
	70	23511745	BEARING NDL ROLLER H VY DTY ACSRY DRV	1	PC	143,4 g		
	80	23511746	RING RET INT 187 HVY DTY ACSRY DRV	1	PC	0,01 kg		
	90	23523995	SEALING RING	1	PC	0,03 kg		
	100	X00036694	PULLEY ACCESSORY DRIVE POLY-V	1	PC	2,47 kg		

GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.

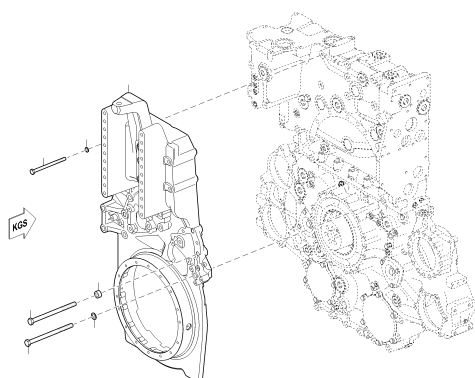


22100717

05

FAN DRIVE

XS548220.00007

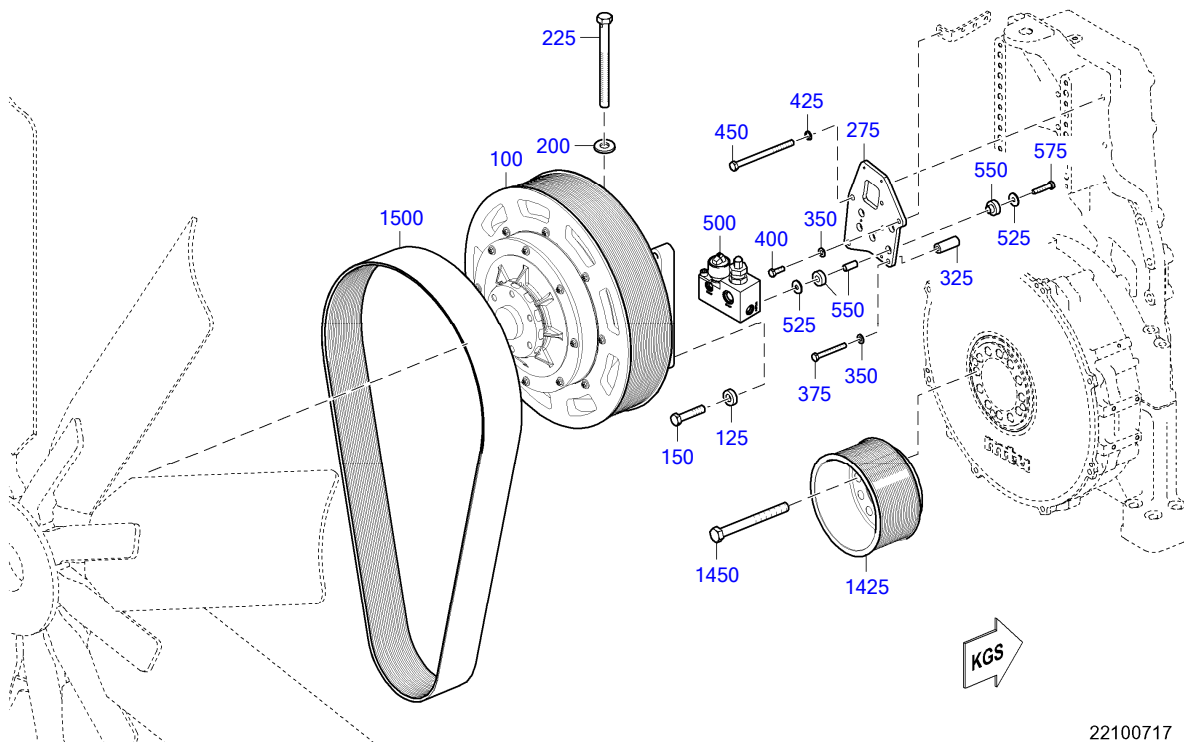


22100721

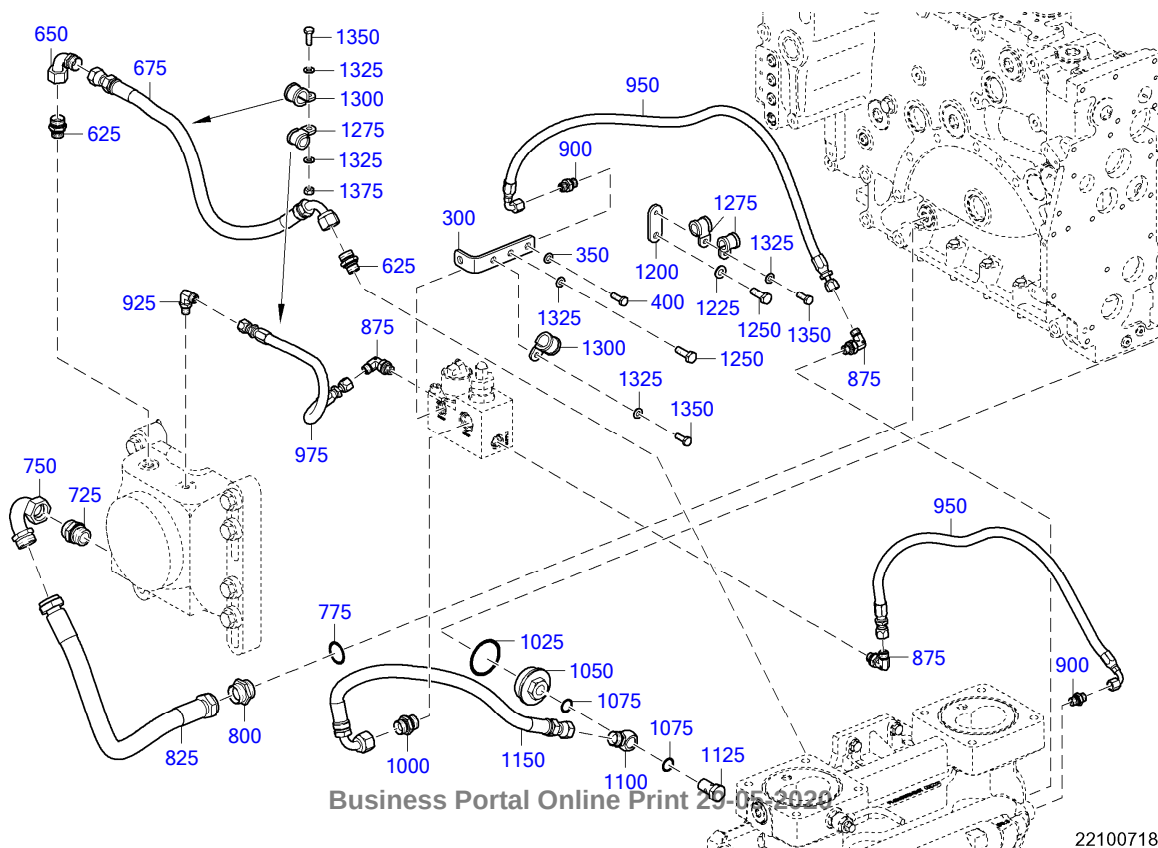
05

RETAINER FOR FAN DRIVE

XS549220.00010



22100717



Business Portal Online Print 20-05-2020

22100718

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	100	X54722100014	FAN COUPLING		1	PC	148,8 kg		ROCKFORD S270	
	101	EX54722100014	FAN COUPLING		1	PC	154 kg	MN	ROCKFORD S270	
	102	RX54722100014	FAN COUPLING		1	PC	154 kg			
	125	735151016100	SPACER		8	PC	65 g	A 16,5		MTN5151
	150	000000003459	HEX SCREW		8	PC	132,9 g	M 16 X 75		ISO4017
	200	206796020000	CONICAL SPR. WASHER		1	PC	45 g	20		DIN6796
	225	204017020027	HEX SCREW		1	PC	1,92 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 g			
	350	000125010524	WASHER		3	PC	3,1 g	A 10,5		DIN125
	375	204017010026	HEX SCREW		1	PC	51,7 g	M 10 X 85		ISO4017
	400	000000001464	HEX SCREW		2	PC	24,9 g	M 10 X 30		ISO4017
	425	200433013000	WASHER		2	PC	2,5 g	13		DIN433
	450	000931012191	HEX SCREW		2	PC	156 g	M 12 X170		DIN931
	500	X54722100057	REGULATING VALVE FOR FAN COUPLING	MIT INTEGR. DRUCKBEGRENZER	1	PC	2,6 kg	4.8 BAR / 70 PSI		
	525	009021010201	WASHER		8	PC	12 g	10,5		DIN9021
	550	5321530026	DAMPER		4	PC	39 g			
	575	000000001042	HEX SCREW		4	PC	34,6 g	M 10 X 50		ISO4017
	625	735211015000	UNION		2	PC	44,2 g	15M 18 X 1,5		MTN5211
	650	700160000013	ELBOW 90 DEG KR 12-M W		1	PC	115,9 g	KR 12		MMN160
	675	X54422100060	HOSE F.HIGH TEMP.APPLICS		1	PC	486,6 g	FC510-08(DN12)-C1C3-550		
	725	735211022000	UNION THD O-RING		1	PC	0,092 kg	22M 27 X 2		MTN5211
	750	700160700042	ELBOW		1	PC	1 kg	KR 20-F		MMN160
	775	007603030101	COPPER SEALING RING		1	PC	4,3 g	A 30 X 36		DIN7603
	800	915006020005	UNION		1	PC	86 g	20		N15006
	825	X59499101016	HOSE	AQP	1	PC	850 g	DN20		MTN5038
205	860	X54799101393	THREADED BUSHING		1	PC	0,295 kg	M42X2 - M14X1,5		
	875	5319975572	FITTING		4	PC	80 g			
	900	5319973772	FITTING		1	PC	36 g			MTN5185
	925	735187004000	UNION		1	PC	57,2 g	4 M12X1,5		MTN5187
	950	X54799101160	HOSE		1	PC	380 g	FC234-DN6-P1P3-877		
	975	5242000282	HOSE		1	PC	183,8 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	12,5 g	A 52 X 60		DIN7603
	1050	X54799100516	UNION		1	PC	373,1 g	M52X1.5 - M18X1.5		
	1075	007603018101	COPPER SEALING RING		2	PC	1,3 g	A 18 X 22		DIN7603
	1100	735214015000	UNION		1	PC	69,6 g	15		MTN5214
	1125	700223010000	BOLT BANJO A12		1	PC	64,8 g	A 12		MMN223
	1150	X54422100060	HOSE F.HIGH TEMP.APPLICS		1	PC	486,6 g	FC510-08(DN12)-C1C3-550		
	1200	5241538040	RETAINER		1	PC	48,5 g			
	1225	000125010524	WASHER		1	PC	3,1 g	A 10,5		DIN125
	1250	000000003020	HEX SCREW		1	PC	20 g	M 10 X 20		ISO4017
	1275	916016015200	CLAMP		2	PC	25,9 g	BRSGU 15/20		N16016
	1300	000000002837	CLAMP		2	PC	26,9 g	BRSGU 20/20		N16016
	1325	000125008427	WASHER		4	PC	1,5 g	A 8,4		DIN125
	1350	204017008011	HEX SCREW		3	PC	12,2 g	M 8 X 22		ISO4017
	1375	304032008014	NUT HEX 8 A3C		1	PC	4,8 g	M 8		ISO4032
	1425	X54799100454	BELT PULLEY		1	PC	13,033 kg			
	1450	000000001469	HEX SCREW		12	PC	535,5 g	M 20 X200		ISO4014
	1500	X52499100799	RIBBED BELT		1	PC	1,721 kg	23-PL - 2680MM		

EQUI TYPE: Engine

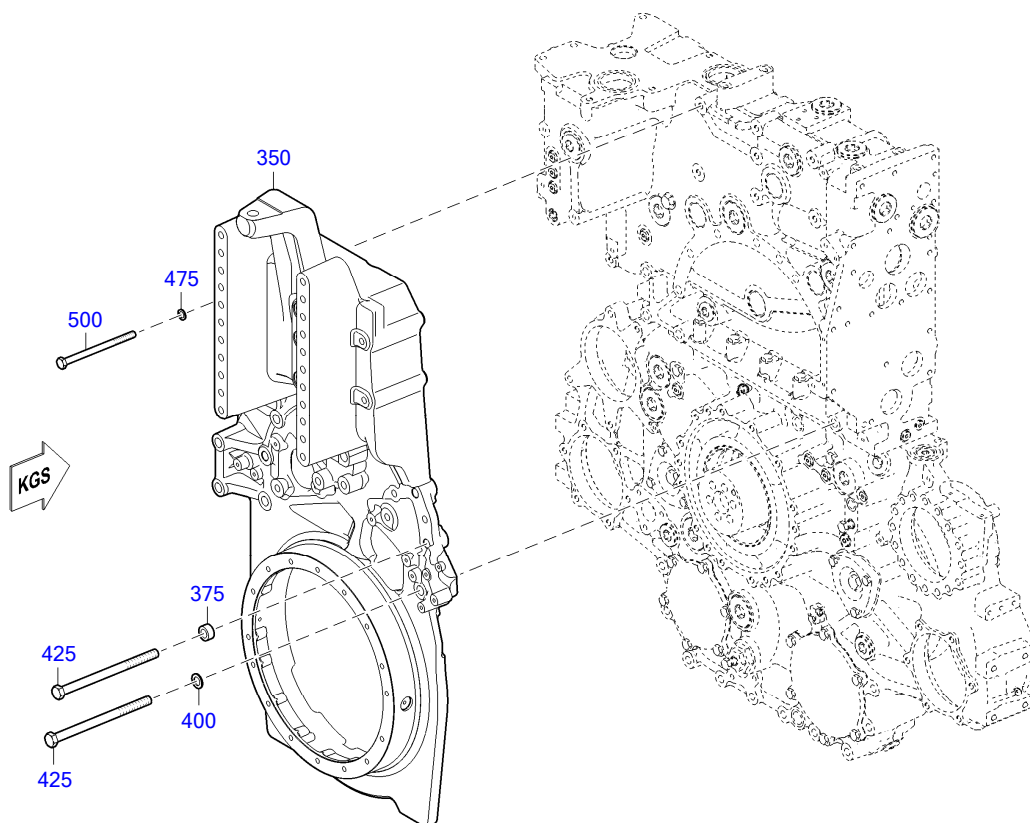
PRODUCT TYPE: 16V4000C65
THREADED BUSHING

SERIAL NUMBER: 5482000021

FG/FGS:

BOM-No.: X54799101393

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	25	X54799101412	THREADED BUSHING	1	PC	0,293 kg		
	50	735221038000	O-RING	1	PC		38,6 X 2,9 - M42X2	MTN5221



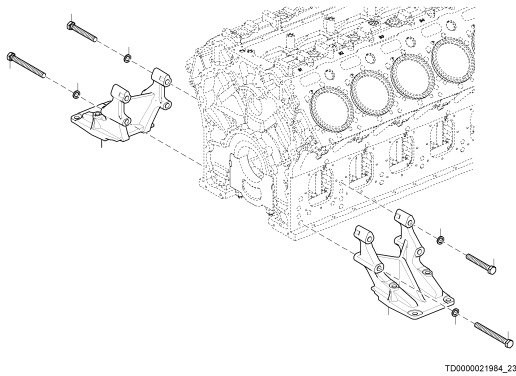
22100721

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	350	X54723100014	RETAINER ENG.MOUNTS+FAN DRIV		1	PC	129 kg		
	475	200433013000	WASHER		5	PC	2,5 g	13	DIN433
	500	000931012191	HEX SCREW		5	PC	156 g	M 12 X170	DIN931
		200433017000	WASHER		10	ST	6,8 g	17	DIN433
		X54799100980	HEX SCREW	DINENISO 4014	10	ST	0,402 kg	M16X230-12.9	

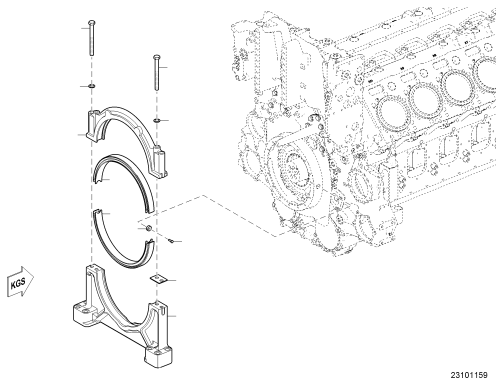
GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.

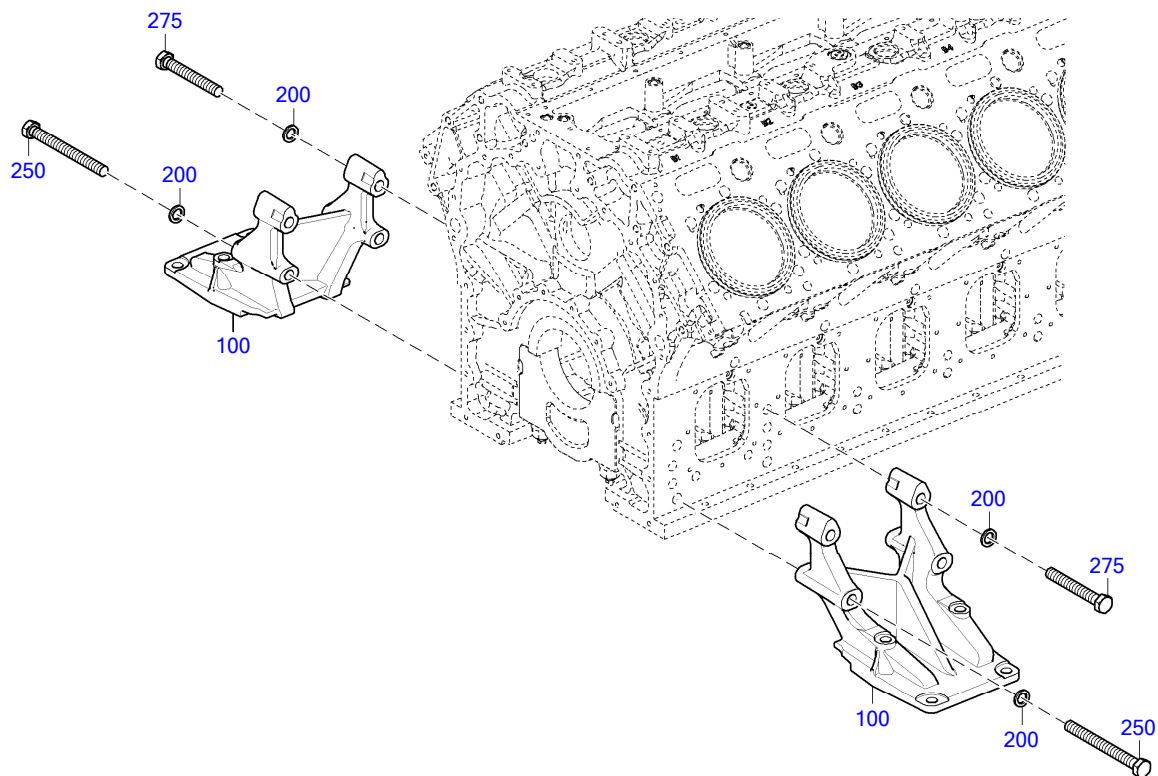


05

TRANSPORTATION BRACE 3-POINT MOUNTING
XS547230.00021

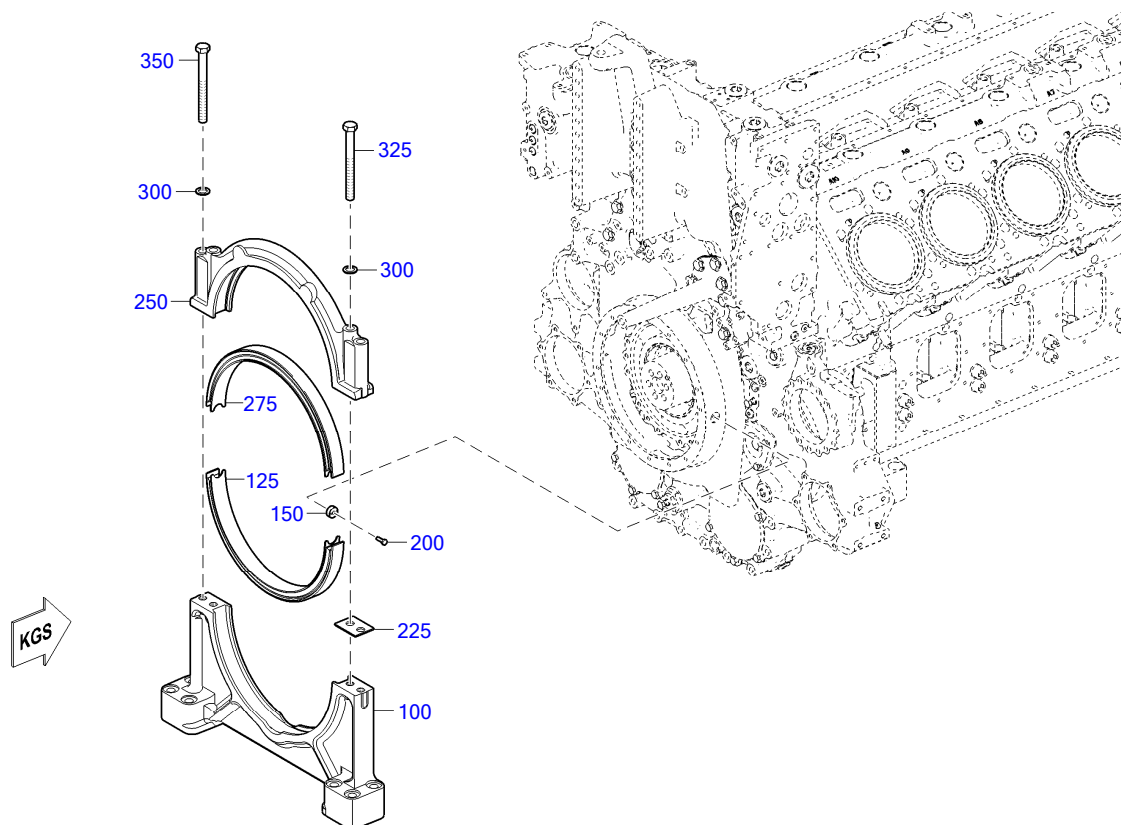
10

ENGINE MOUNTING HEAVY-DUTY
XS547230.00048



TD0000021984_231

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	100	X54823100014	MOUNTING BRACKET DRIVING END (KS)	2	PC	38,33 kg		
	200	5240110062	WASHER THRUST	8	PC	20,6 g		
	250	208676022004	HEX SCREW	4	PC	688 g	M 22 X 1,5 X 220	ISO8676
	275	208676022006	HEX SCREW	4	PC	0,543 kg	M 22 X 1,5 X 160	ISO8676



23101159

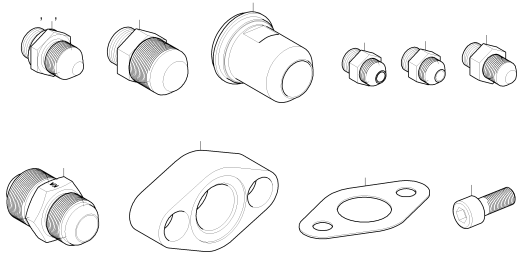
☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	100	X54723100033	ENGINE MOUNT BRACKET	1	PC	42,856 kg		
	150	5282230052	SPACER WASHER	2	PC	46,1 g		
	200	304017008080	HEX SCREW	2	PC	13,3 g	M 8 X 25	ISO4017
	225	X54799100953	SHIM	2	PC	128,8 g		
	250	X54723100034	MOUNTING BRACKET	1	PC	18,873 kg		
	300	200433021000	WASHER	4	PC	10,8 g	21	DIN433
	325	204014020004	HEX SCREW	2	PC	530,6 g	M 20 X200	ISO4014
	350	204017020019	HEX SCREW	2	PC	445 g	M 20 X180	ISO4017
		X54723100010	RUBBER MOUNT	2	ST	2,677 kg		

GROUP SEGMENT (FGS)

GROUP NAME

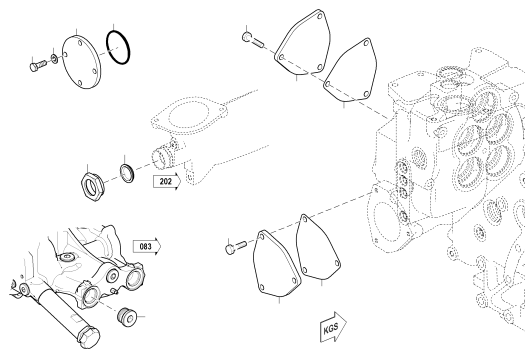
BOM-No.

10

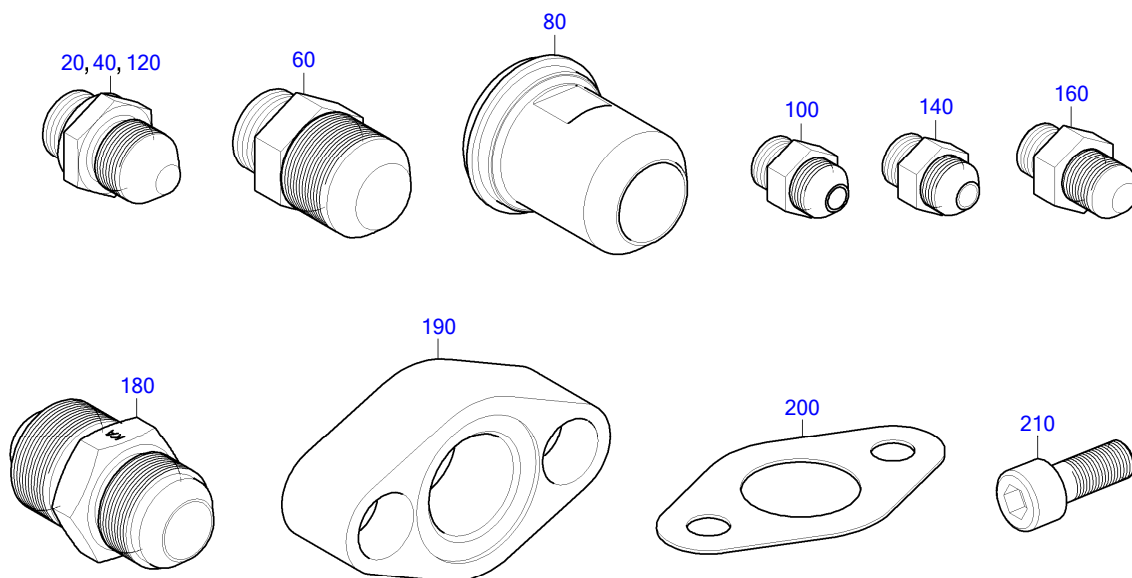
CONNECTING HARDWARE FOR C+I
XS547300.00003

30000185

25

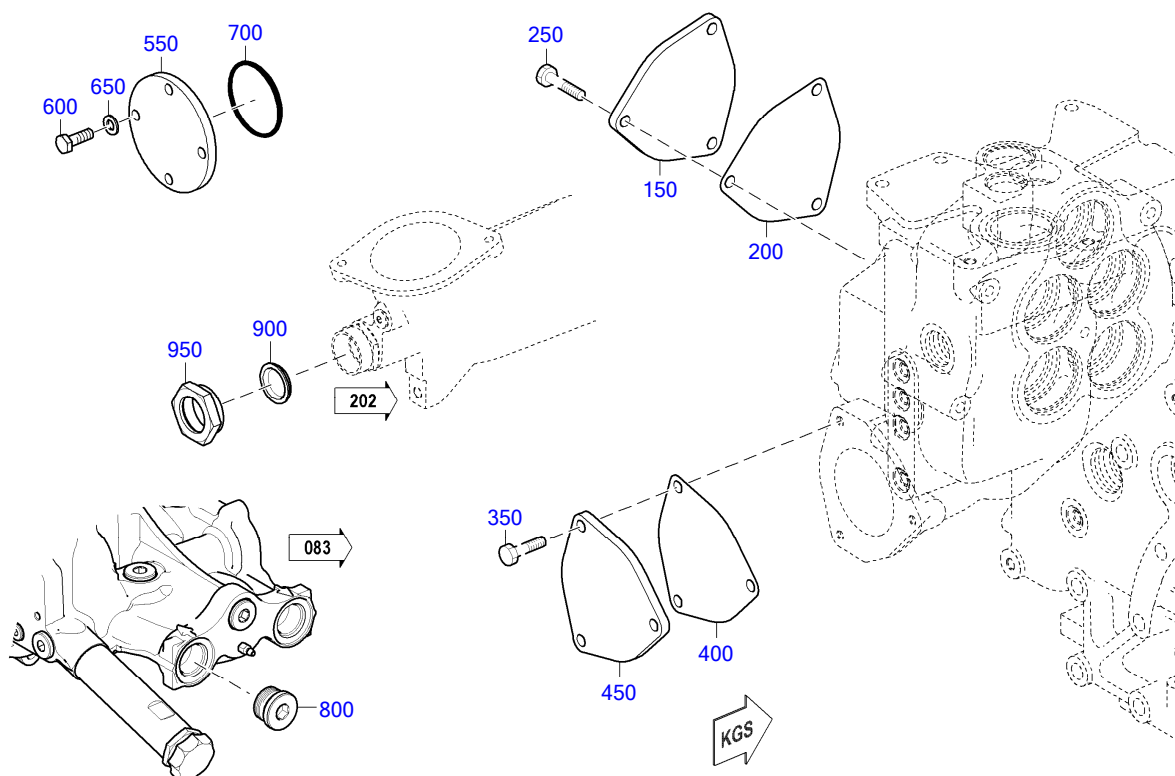
SEALING ELEMENT FOR ENGINE
XS547990.00073

30100052



30000185

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	20	5319977372	CONNECTING PIECE	BR 4000	1	PC	64,5 g	M18X1.5 1 3/4-16	
	40	5319977372	CONNECTING PIECE	BR 4000	3	PC	64,5 g	M18X1.5 1 3/4-16	
	60	5319970672	FITTING JIC	BR 4000	1	PC	110 g	M22X1.5 1 1/16-12	
	80	X54799100476	ADAPTER		1	PC	0,211 kg		
	85	915001032003	NUT		1	PC	122,4 g	32 M 45 X 1,5	N15001
	100	5361880066	CONNECTING PIECE	S2000	1	PC	35 g	9/16-18XM14X1,5	
	120	5319977372	CONNECTING PIECE	BR 4000	1	PC	64,5 g	M18X1.5 1 3/4-16	
	140	5319972272	CONNECTING PIECE	BR 4000	1	PC	30 g	M14X1.5 7/16-20	
	160	5319977272	FITTING		1	PC	34,4 g	M14X1,5	
	180	5319977472	FITTING	BR 4000	1	PC	250 g	M30X1.5 1 5/16-12	
	190	5500140145	FLANGE		1	PC	395,5 g		
	200	5602030280	GASKET		1	PC	2,6 g		
	210	204762010001	SCREW		2	PC	24,5 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	23,6 g		
	250	000000003021	HEX SCREW	3	PC	22,8 g	M 10 X 25	ISO4017
	350	X00021527	COVER BLIND	1	PC	1,188 kg		
	400	X00021730	GASKET	1	PC	23,6 g		
	450	000000003021	HEX SCREW	3	PC	22,8 g	M 10 X 25	ISO4017
	550	X52999100037	BLIND FLANGE	2	PC	0,865 kg		
	600	000000001464	HEX SCREW	8	PC	24,9 g	M 10 X 30	ISO4017
	650	000125010524	WASHER	8	PC	3,1 g	A 10,5	DIN125
	700	735252072000	O-RING	2	PC	0,003 kg	72 X 3	MTN5252
167	800	735210033000	PLUG	2	PC	0,142 kg	M 33 X 2	MTN5210
	900	735189035000	SEALING CONE	1	PC	38 g	35	MTN5189
	950	915001032003	NUT	1	PC	122,4 g	32 M 45 X 1,5	N15001

GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.

00

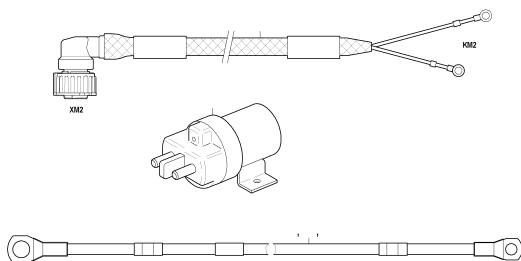
RETAINER F.ADEC A. WIRE HARN

XS548500.00043

98

ENGINE CABLING FOR OIL PRIMING PUM

XS00E500.01110

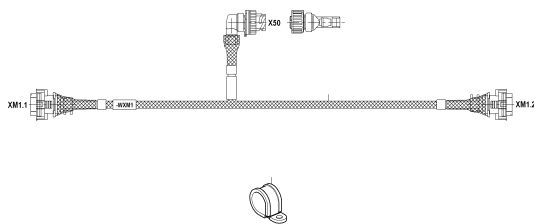


50702585

98

CONNECTING CABLE FOR STARTER

XS00E500.01330

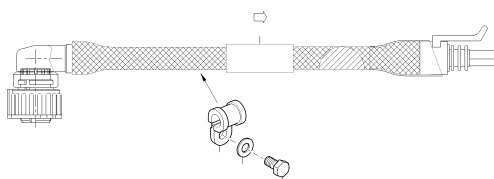


50702503

98

CONNECTING CABLE FOR FAN

XS00E500.01833

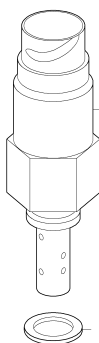


50703298

98

LEVEL PROBE FOR LEAK-OFF FUEL

XS00E500.02268



50704830

GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.

98

CONNECTING CABLE F.CUST. CONNECTION

XS00E500.02435



50704816

98

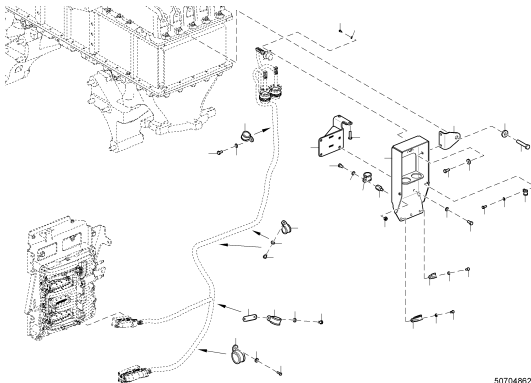
ENGINE CABLING FOR ON-ENGINE SENSO

XS00E500.02973

98

RETAINER FOR PRESSURE SENSOR

XS548500.00034



50704862

98

RETAINER F.CUST. CONNECTION

XS549500.00020

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	30	5240111380	GASKET		2	PC	25 g			
	40	X54701100054	INSPECT PORT COVER		1	PC	5,1 kg			
	50	000000003021	HEX SCREW		14	PC	22,8 g	M 10 X 25		ISO4017
	60	X54750700117	RETAINER FOR ECU		1	PC	3,397 kg			
	70	5221530026	DAMPER	SG 2000	4	PC	152,8 g			
	75	000125008427	WASHER		8	PC	1,5 g	A 8,4		DIN125
215	80	X54750700115	RETAINER FOR GOVERNOR		1	PC	2,576 kg			
	90	007349010002	WASHER		2	PC	11 g	10,5		DIN7349
	100	000000003021	HEX SCREW		2	PC	22,8 g	M 10 X 25		ISO4017
	110	304032008014	NUT HEX 8 A3C		8	PC	4,8 g	M 8		ISO4032
	120	X00012261	SPACER SLEEVE		2	PC	36,9 g			
	130	000000004389	HEX SCREW		2	PC	30 g	M 8 X 75		ISO4017
	140	X54750700118	RETAINER FOR ECU		1	PC	5,474 kg			
	150	007349010002	WASHER		2	PC	11 g	10,5		DIN7349
	160	000000001039	HEX SCREW		2	PC	29,8 g	M 10 X 40		ISO4017
216	170	X54750700119	RETAINER FOR GOVERNOR		1	PC	2,612 kg			
	180	X00012261	SPACER SLEEVE		2	PC	36,9 g			
	190	000000004389	HEX SCREW		2	PC	30 g	M 8 X 75		ISO4017
	200	5221530026	DAMPER	SG 2000	6	PC	152,8 g			
	205	000125008427	WASHER		6	PC	1,5 g	A 8,4		DIN125
	210	007349008002	WASHER		6	PC	7,9 g	8,4		DIN7349
	220	304032008014	NUT HEX 8 A3C		12	PC	4,8 g	M 8		ISO4032
	230	X00E50201048	GROUND/EARTH LINE		1	PC	18,7 g	2XM6, 6QMM, 250MM, ISOLIERT		
	240	000125006431	WASHER		4	PC	0,8 g	A 6,4		DIN125
	250	000000003387	HEX SCREW		2	PC	5,1 g	M 6 X 16		ISO4017
	260	304032006011	HEX NUT		2	PC	2,2 g	M 6		ISO4032
	280	5315461343	Connector Fastener		1	PC	95 g			
	290	000125008427	WASHER		2	PC	1,5 g	A 8,4		DIN125
	300	304017008079	HEX SCREW		1	PC	11,7 g	M 8 X 20		ISO4017
	310	000000004268	HEX NUT		1	PC	4,9 g	M 8		ISO4032
	320	136M55056/1	BRACKET H:78		1	PC	48 g			
	330	916016030202	CLAMP		2	PC	39,4 g	BRSGU 30/20		N16016
	340	000125008427	WASHER		1	PC	1,5 g	A 8,4		DIN125
	350	304017008079	HEX SCREW		1	PC	11,7 g	M 8 X 20		ISO4017
	360	000125008427	WASHER		1	PC	1,5 g	A 8,4		DIN125
	370	000000004268	HEX NUT		2	PC	4,9 g	M 8		ISO4032
	380	000125008427	WASHER		1	PC	1,5 g	A 8,4		DIN125
	390	304017008081	HEX SCREW		1	PC	13,4 g	M 8 X 25		ISO4017
	400	X54750700071	RETAINER		2	PC	198,4 g			
	410	000125010524	WASHER		2	PC	3,1 g	A 10,5		DIN125
	420	000000003326	HEX SCREW		2	PC	27,4 g	M 10 X 35		ISO4017
	430	916016014201	CLAMP		2	PC	23,4 g	BRSGU 14/20		N16016
	440	916016016201	CLAMP		2	PC	24,2 g	BRSGU 16/20		N16016
	450	007349008002	WASHER		4	PC	7,9 g	8,4		DIN7349
	460	304017008084	HEX SCREW		2	PC	16,4 g	M 8 X 35		ISO4017
	470	304032008014	NUT HEX 8 A3C		2	PC	4,8 g	M 8		ISO4032
	480	X54750700098	RETAINER		1	PC	0,632 kg			
	490	000000002839	CLAMP		2	PC	29,8 g	BRSGU 24/20		N16016
	500	000125008427	WASHER		2	PC	1,5 g	A 8,4		DIN125
	510	304017008076	HEX SCREW		2	PC	9,1 g	M 8 X 12		ISO4017
	520	916016014201	CLAMP		2	PC	23,4 g	BRSGU 14/20		N16016
	530	000125008427	WASHER		2	PC	1,5 g	A 8,4		DIN125
	540	304017008076	HEX SCREW		2	PC	9,1 g	M 8 X 12		ISO4017
	550	000125008427	WASHER		2	PC	1,5 g	A 8,4		DIN125

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	560	304017008079	HEX SCREW		2	PC	11,7 g		M 8 X 20	ISO4017
	570	916016038204	CLAMP		2	PC	68,9 g		BRSGU 38/25	N16016
	580	007349006004	WASHER		2	PC	4,1 g		6,4	DIN7349
	590	000000001444	HEX SCREW		2	PC	6 g		M 6 X 20	ISO4017
	610	916016018202	CLAMP		6	PC	25,7 g		BRSGU 18/20	N16016
	620	916016014201	CLAMP		6	PC	23,4 g		BRSGU 14/20	N16016
	630	8711590571	BRACKET		6	PC	38,5 g			
	640	304017008077	HEX SCREW		6	PC	10,5 g		M 8 X 16	ISO4017
	650	8711590571	BRACKET		6	PC	38,5 g			
	660	5612033740	RETAINER		1	PC	60,6 g			
	670	000125013012	WASHER		1	PC	5,6 g		A 13	DIN125
	680	000000003924	HEX SCREW		1	PC	32,8 g		M 12 X 25	ISO4017
	690	916016006202	CLAMP		1	PC	16,4 g		BRSGU 6/20	N16016
	700	000125008427	WASHER		1	PC	1,5 g		A 8,4	DIN125
	710	304017008076	HEX SCREW		1	PC	9,1 g		M 8 X 12	ISO4017
	720	X54750700071	RETAINER		2	PC	198,4 g			
	730	000125010524	WASHER		2	PC	3,1 g		A 10,5	DIN125
	740	000000003326	HEX SCREW		2	PC	27,4 g		M 10 X 35	ISO4017
	750	916016014201	CLAMP		2	PC	23,4 g		BRSGU 14/20	N16016
	760	916016018202	CLAMP		2	PC	25,7 g		BRSGU 18/20	N16016
	770	304017008084	HEX SCREW		2	PC	16,4 g		M 8 X 35	ISO4017
	780	007349008002	WASHER		4	PC	7,9 g		8,4	DIN7349
	790	304032008014	NUT HEX 8 A3C		2	PC	4,8 g		M 8	ISO4032
	800	5225460043	BRACKET L H:49	12/16V2000SG	1	PC	75 g			
	810	916016014201	CLAMP		1	PC	23,4 g		BRSGU 14/20	N16016
	820	916016018202	CLAMP		1	PC	25,7 g		BRSGU 18/20	N16016
	830	000125008427	WASHER		1	PC	1,5 g		A 8,4	DIN125
	840	304017008081	HEX SCREW		1	PC	13,4 g		M 8 X 25	ISO4017
	850	916016022204	CABLE CLAMP BRSGU 22 /25		2	PC	48,9 g		BRSGU 22/25	N16016
	860	000125010524	WASHER		1	PC	3,1 g		A 10,5	DIN125
	870	000000001039	HEX SCREW		1	PC	29,8 g		M 10 X 40	ISO4017
	880	136M55056/1	BRACKET H:78		1	PC	48 g			
	890	000000002527	HEX SCREW		1	PC	78,9 g		M 12 X 90	ISO4017
	900	916016018202	CLAMP		1	PC	25,7 g		BRSGU 18/20	N16016
	910	916016014201	CLAMP		1	PC	23,4 g		BRSGU 14/20	N16016
	920	000125008427	WASHER		1	PC	1,5 g		A 8,4	DIN125
	930	304017008077	HEX SCREW		1	PC	10,5 g		M 8 X 16	ISO4017
	940	5241538440	BRACKET		1	PC	30,1 g	SB		
	950	916016012201	CLAMP		1	PC	21 g		BRSGU 12/20	N16016
	960	000125008427	WASHER		1	PC	1,5 g		A 8,4	DIN125
	970	304017008076	HEX SCREW		1	PC	9,1 g		M 8 X 12	ISO4017
	980	000000003020	HEX SCREW		1	PC	20 g		M 10 X 20	ISO4017
	990	136M55056/1	BRACKET H:78		1	PC	48 g			
	1000	916016008202	CLAMP		1	PC	17,9 g		BRSGU 8/20	N16016
	1010	000125008427	WASHER		1	PC	1,5 g		A 8,4	DIN125
	1020	204017008022	HEX SCREW		1	PC	10 g		M 8 X 14	ISO4017
	1040	X52850700068	CABLE CHANNEL		1	PC	1,499 kg			
	1050	916016020201	CLAMP		2	PC	15,9 g		BRSGU 20/15	N16016
	1060	000125006431	WASHER		4	PC	0,8 g		A 6,4	DIN125
	1070	000000003387	HEX SCREW		2	PC	5,1 g		M 6 X 16	ISO4017
	1080	304032006011	HEX NUT		2	PC	2,2 g		M 6	ISO4032
	1090	916016018201	CLAMP		2	PC	15 g		BRSGU 18/15	N16016
	1100	000125006431	WASHER		4	PC	0,8 g		A 6,4	DIN125
	1110	5901750251	SPACER		2	PC	8,8 g			

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	1120	304017006065	HEX SCREW		2	PC	7,5 g		M 6 X 30	ISO4017
	1130	304032006011	HEX NUT		2	PC	2,2 g		M 6	ISO4032
	1140	X52850700068	CABLE CHANNEL		1	PC	1,499 kg			
	1150	916016020201	CLAMP		2	PC	15,9 g		BRSGU 20/15	N16016
	1160	000125006431	WASHER		4	PC	0,8 g		A 6,4	DIN125
	1170	000000003387	HEX SCREW		2	PC	5,1 g		M 6 X 16	ISO4017
	1180	304032006011	HEX NUT		2	PC	2,2 g		M 6	ISO4032
	1190	916016018201	CLAMP		3	PC	15 g		BRSGU 18/15	N16016
	1200	000125006431	WASHER		6	PC	0,8 g		A 6,4	DIN125
	1210	5901750251	SPACER		3	PC	8,8 g			
	1220	304017006065	HEX SCREW		3	PC	7,5 g		M 6 X 30	ISO4017
	1230	304032006011	HEX NUT		3	PC	2,2 g		M 6	ISO4032
	1240	X52850700068	CABLE CHANNEL		1	PC	1,499 kg			
	1250	916016020201	CLAMP		2	PC	15,9 g		BRSGU 20/15	N16016
	1260	000125006431	WASHER		4	PC	0,8 g		A 6,4	DIN125
	1270	000000003387	HEX SCREW		2	PC	5,1 g		M 6 X 16	ISO4017
	1280	304032006011	HEX NUT		2	PC	2,2 g		M 6	ISO4032
	1290	916016018201	CLAMP		3	PC	15 g		BRSGU 18/15	N16016
	1300	000125006431	WASHER		6	PC	0,8 g		A 6,4	DIN125
	1310	5901750251	SPACER		2	PC	8,8 g			
	1320	304017006065	HEX SCREW		2	PC	7,5 g		M 6 X 30	ISO4017
	1330	304032006011	HEX NUT		3	PC	2,2 g		M 6	ISO4032
	1340	000000003387	HEX SCREW		1	PC	5,1 g		M 6 X 16	ISO4017
	1350	X52850700068	CABLE CHANNEL		1	PC	1,499 kg			
	1360	916016018201	CLAMP		3	PC	15 g		BRSGU 18/15	N16016
	1370	000125006431	WASHER		6	PC	0,8 g		A 6,4	DIN125
	1380	5901750251	SPACER		3	PC	8,8 g			
	1390	304017006065	HEX SCREW		3	PC	7,5 g		M 6 X 30	ISO4017
	1400	304032006011	HEX NUT		3	PC	2,2 g		M 6	ISO4032
	1410	916016020201	CLAMP		2	PC	15,9 g		BRSGU 20/15	N16016
	1420	000125006431	WASHER		4	PC	0,8 g		A 6,4	DIN125
	1430	000000003387	HEX SCREW		2	PC	5,1 g		M 6 X 16	ISO4017
	1440	304032006011	HEX NUT		2	PC	2,2 g		M 6	ISO4032
	1460	204014010014	HEX SCREW		12	PC	109,5 g		M 10 X170	ISO4014
	1470	007349010001	WASHER		12	PC	10,9 g		10,5	DIN7349
	1480	916016010201	CLAMP		8	PC	9,1 g		BRSGU 10/15	N16016
	1490	000125006431	WASHER		8	PC	0,8 g		A 6,4	DIN125
	1500	000000003387	HEX SCREW		8	PC	5,1 g		M 6 X 16	ISO4017
	1510	304032006011	HEX NUT		8	PC	2,2 g		M 6	ISO4032
	1520	916016010201	CLAMP		8	PC	9,1 g		BRSGU 10/15	N16016
	1530	000125006431	WASHER		8	PC	0,8 g		A 6,4	DIN125
	1540	000000003387	HEX SCREW		8	PC	5,1 g		M 6 X 16	ISO4017
	1550	304032006011	HEX NUT		8	PC	2,2 g		M 6	ISO4032
	1570	5551870640	RETAINER		1	PC	54,9 g			
	1580	204017010021	HEX SCREW		1	PC	32,5 g		M 10 X 45	ISO4017
	1590	916016012201	CLAMP		1	PC	21 g		BRSGU 12/20	N16016
	1600	000125008427	WASHER		1	PC	1,5 g		A 8,4	DIN125
	1610	304017008077	HEX SCREW		1	PC	10,5 g		M 8 X 16	ISO4017
	1620	5241538440	BRACKET		1	PC	30,1 g	SB		
	1630	916016012201	CLAMP		1	PC	21 g		BRSGU 12/20	N16016
	1640	000125008427	WASHER		1	PC	1,5 g		A 8,4	DIN125
	1650	304017008076	HEX SCREW		1	PC	9,1 g		M 8 X 12	ISO4017
	1660	000931010339	HEX SCREW		1	PC	103,2 g		M 10 X160	DIN931
	1670	5241538440	BRACKET		1	PC	30,1 g	SB		

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	1680	916016010203	CLAMP		1	PC	20 g		BRSGU 10/20	N16016
	1690	000125008427	WASHER		1	PC	1,5 g		A 8,4	DIN125
	1700	304017008076	HEX SCREW		1	PC	9,1 g		M 8 X 12	ISO4017
	1710	5241534640	BRACKET L H:30 SENSO R E	4000	1	PC	47 g			
	1720	007349010002	WASHER		1	PC	11 g		10,5	DIN7349
	1730	204017010016	HEX SCREW		1	PC	26,1 g		M 10 X 32	ISO4017
	1740	5551870640	RETAINER		3	PC	54,9 g			
	1750	000000003347	HEX SCREW		1	PC	37,5 g		M 10 X 55	ISO4017
	1760	916016010203	CLAMP		3	PC	20 g		BRSGU 10/20	N16016
	1770	000000003020	HEX SCREW		3	PC	20 g		M 10 X 20	ISO4017
	1780	000125008427	WASHER		3	PC	1,5 g		A 8,4	DIN125
	1790	304017008077	HEX SCREW		3	PC	10,5 g		M 8 X 16	ISO4017
	1800	916016010203	CLAMP		1	PC	20 g		BRSGU 10/20	N16016
	1810	000125008427	WASHER		1	PC	1,5 g		A 8,4	DIN125
	1820	304017008079	HEX SCREW		1	PC	11,7 g		M 8 X 20	ISO4017
	1830	5315461043	RETAINER		1	PC	81,1 g			
	1840	000125010524	WASHER		1	PC	3,1 g		A 10,5	DIN125
	1850	000000003021	HEX SCREW		1	PC	22,8 g		M 10 X 25	ISO4017
	1860	916016010203	CLAMP		1	PC	20 g		BRSGU 10/20	N16016
	1870	000125008427	WASHER		1	PC	1,5 g		A 8,4	DIN125
	1880	304017008077	HEX SCREW		1	PC	10,5 g		M 8 X 16	ISO4017
	1910	000125008427	WASHER		2	PC	1,5 g		A 8,4	DIN125
	1920	304017008085	HEX SCREW		2	PC	18 g		M 8 X 40	ISO4017
	1930	X54799100167	FLANGE		1	PC	462,5 g			
	1960	707000000076	UNION		2	PC	22,9 g	6		N15006
	1980	X59499100583/88	HOSE		1	PC	100 g		W1-DN6X265 M14X1,5	
	1990	X54799101337	PIPE ELBOW		1	PC	0,035 kg		MMN 160-KR 6-C	
	2000	X57299100541	SPACER SLEEVE		1	PC	14,2 g			
	2010	916016008202	CLAMP		2	PC	17,9 g		BRSGU 8/20	N16016
	2020	000125006431	WASHER		1	PC	0,8 g		A 6,4	DIN125
	2030	304017006066	HEX SCREW		1	PC	8,4 g		M 6 X 35	ISO4017
	2040	5315460443	BRACKET H:41 S2000/S 4000	8V2000M90	1	PC	65 g			
	2050	304017008077	HEX SCREW		1	PC	10,5 g		M 8 X 16	ISO4017
	2060	000125008427	WASHER		1	PC	1,5 g		A 8,4	DIN125
	2070	916016010203	CLAMP		1	PC	20 g		BRSGU 10/20	N16016
	2080	000125006431	WASHER		1	PC	0,8 g		A 6,4	DIN125
	2090	000000003387	HEX SCREW		1	PC	5,1 g		M 6 X 16	ISO4017
	2100	916016018202	CLAMP		1	PC	25,7 g		BRSGU 18/20	N16016
	2110	000125008427	WASHER		2	PC	1,5 g		A 8,4	DIN125
	2120	304017008083	HEX SCREW		1	PC	15,1 g		M 8 X 30	ISO4017
	2130	304032008014	NUT HEX 8 A3C		1	PC	4,8 g		M 8	ISO4032
	2140	8200980053	SPACER SLEEVE		1	PC	12,4 g			
	2150	916016010203	CLAMP		1	PC	20 g		BRSGU 10/20	N16016
	2160	000125008427	WASHER		2	PC	1,5 g		A 8,4	DIN125
	2170	304017008079	HEX SCREW		1	PC	11,7 g		M 8 X 20	ISO4017
	2180	304032008014	NUT HEX 8 A3C		1	PC	4,8 g		M 8	ISO4032
	2190	916016015204	CLAMP		1	PC	40,6 g		BRSGU 15/25	N16016
	2200	916016008202	CLAMP		1	PC	17,9 g		BRSGU 8/20	N16016
	2210	000125010524	WASHER		1	PC	3,1 g		A 10,5	DIN125
	2220	000000003021	HEX SCREW		1	PC	22,8 g		M 10 X 25	ISO4017
	2230	5551870640	RETAINER		1	PC	54,9 g			
	2240	5241538440	BRACKET		1	PC	30,1 g	SB		
	2250	000125008427	WASHER		3	PC	1,5 g		A 8,4	DIN125
	2260	916016008202	CLAMP		2	PC	17,9 g		BRSGU 8/20	N16016

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	2270	304017008076	HEX SCREW		2	PC	9,1 g		M 8 X 12	ISO4017
	2280	304017008083	HEX SCREW		1	PC	15,1 g		M 8 X 30	ISO4017
	2290	5361530840	BRACKET H:28		1	PC	55,2 g		H028	
	2300	000125010524	WASHER		1	PC	3,1 g		A 10,5	DIN125
	2310	000000003020	HEX SCREW		1	PC	20 g		M 10 X 20	ISO4017
	2320	916016008202	CLAMP		1	PC	17,9 g		BRSGU 8/20	N16016
	2330	000125006431	WASHER		1	PC	0,8 g		A 6,4	DIN125
	2340	304017006058	HEX SCREW		1	PC	4,4 g		M 6 X 12	ISO4017
	2350	5551870640	RETAINER		1	PC	54,9 g			
	2360	735151008101	WASHER		1	PC	8 g		A 8,4	MTN5151
	2370	000125008427	WASHER		2	PC	1,5 g		A 8,4	DIN125
	2380	916016008202	CLAMP		1	PC	17,9 g		BRSGU 8/20	N16016
	2390	304017008077	HEX SCREW		1	PC	10,5 g		M 8 X 16	ISO4017
	2400	304017008088	HEX SCREW		1	PC	22,6 g		M 8 X 55	ISO4017
	2410	X57299100096	SPACER SLEEVE		1	PC	22,6 g			
	2420	916016008202	CLAMP		1	PC	17,9 g		BRSGU 8/20	N16016
	2430	000125008427	WASHER		1	PC	1,5 g		A 8,4	DIN125
	2440	304017008085	HEX SCREW		1	PC	18 g		M 8 X 40	ISO4017
	2450	X54899100026	RETAINER		1	PC	100,3 g			
	2460	000125008427	WASHER		3	PC	1,5 g		A 8,4	DIN125
	2470	916016008202	CLAMP		1	PC	17,9 g		BRSGU 8/20	N16016
	2480	304017008077	HEX SCREW		1	PC	10,5 g		M 8 X 16	ISO4017
	2490	304017008081	HEX SCREW		1	PC	13,4 g		M 8 X 25	ISO4017
	2500	304032008014	NUT HEX 8 A3C		1	PC	4,8 g		M 8	ISO4032
	2510	916016010203	CLAMP		1	PC	20 g		BRSGU 10/20	N16016
	2520	000125008427	WASHER		1	PC	1,5 g		A 8,4	DIN125
	2530	304017008083	HEX SCREW		1	PC	15,1 g		M 8 X 30	ISO4017
	2540	000125006431	WASHER		2	PC	0,8 g		A 6,4	DIN125
	2550	000000003387	HEX SCREW		2	PC	5,1 g		M 6 X 16	ISO4017
	2560	916016008202	CLAMP		1	PC	17,9 g		BRSGU 8/20	N16016
	2570	000125008427	WASHER		1	PC	1,5 g		A 8,4	DIN125
	2580	304017008083	HEX SCREW		1	PC	15,1 g		M 8 X 30	ISO4017
	2600	916016015204	CLAMP		1	PC	40,6 g		BRSGU 15/25	N16016
	2610	000125010524	WASHER		1	PC	3,1 g		A 10,5	DIN125
	2620	000000003322	HEX SCREW		1	PC	60,8 g		M 10 X 90	ISO4014
	2630	007349010002	WASHER		1	PC	11 g		10,5	DIN7349
	2640	5241538440	BRACKET		1	PC	30,1 g	SB		
	2650	000000004740	HEX SCREW		2	PC	63,4 g		M 10 X 95	ISO4014
	2660	916016012201	CLAMP		1	PC	21 g		BRSGU 12/20	N16016
	2670	000125008427	WASHER		1	PC	1,5 g		A 8,4	DIN125
	2680	304017008076	HEX SCREW		1	PC	9,1 g		M 8 X 12	ISO4017
	2690	007349010002	WASHER		1	PC	11 g		10,5	DIN7349
	2700	X59499100415	RETAINER		1	PC	97,2 g			
	2710	000125010524	WASHER		1	PC	3,1 g		A 10,5	DIN125
	2730	916016012201	CLAMP		2	PC	21 g		BRSGU 12/20	N16016
	2740	000125006431	WASHER		2	PC	0,8 g		A 6,4	DIN125
	2750	000000003387	HEX SCREW		2	PC	5,1 g		M 6 X 16	ISO4017
	2760	304032006011	HEX NUT		2	PC	2,2 g		M 6	ISO4032
	2780	916016012203	CLAMP		1	PC	35,8 g		BRSGU 12/25	N16016
	2790	000125010524	WASHER		1	PC	3,1 g		A 10,5	DIN125
	2820	000000003021	HEX SCREW		1	PC	22,8 g		M 10 X 25	ISO4017
	2821	X52650700003	GUARD PLATE		1	PC	1,4 kg			
	2822	000000004173	WASHER		3	PC	3,5 g		10	ISO7089
	2823	000000001465	HEX SCREW		3	PC	78,2 g		M 10 X120	ISO4014

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	2840	5551870640	RETAINER		1	PC	54,9 g			
	2850	916016012201	CLAMP		1	PC	21 g	BRSGU 12/20		N16016
	2860	000125008427	WASHER		3	PC	1,5 g	A 8,4		DIN125
	2870	304017008077	HEX SCREW		1	PC	10,5 g	M 8 X 16		ISO4017
	2880	304017008079	HEX SCREW		1	PC	11,7 g	M 8 X 20		ISO4017
	2890	5241534640	BRACKET L H:30 SENSO R E	4000	1	PC	47 g			
	2900	000125008427	WASHER		1	PC	1,5 g	A 8,4		DIN125
	2910	304017008077	HEX SCREW		1	PC	10,5 g	M 8 X 16		ISO4017
	2920	X54750700068	HEAT SHIELD		1	PC	0,744 kg			
	2930	000000002986	HEX SCREW		2	PC	51,6 g	M 10 X 85		ISO4017
	2940	916016012201	CLAMP		1	PC	21 g	BRSGU 12/20		N16016
	2950	X54750700067	HEAT SHIELD		1	PC	1,172 kg			
	2960	000125008427	WASHER		4	PC	1,5 g	A 8,4		DIN125
	2970	304017008077	HEX SCREW		4	PC	10,5 g	M 8 X 16		ISO4017
	2980	916016012201	CLAMP		2	PC	21 g	BRSGU 12/20		N16016
	2990	007349008000	WASHER		1	PC	7,7 g	8,4		DIN7349
	3000	000000004389	HEX SCREW		1	PC	30 g	M 8 X 75		ISO4017
	3010	5225460043	BRACKET L H:49	12/16V2000SG	1	PC	75 g			
	3020	000125008427	WASHER		1	PC	1,5 g	A 8,4		DIN125
	3030	304017008077	HEX SCREW		1	PC	10,5 g	M 8 X 16		ISO4017
	3040	X54799100515	MOUNTING BRACKET FOR HOLDER		1	PC	179,5 g			
	3050	916016016201	CLAMP		1	PC	24,2 g	BRSGU 16/20		N16016
	3060	000125010524	WASHER		1	PC	3,1 g	A 10,5		DIN125
	3070	000000003021	HEX SCREW		1	PC	22,8 g	M 10 X 25		ISO4017
	3080	000125008427	WASHER		3	PC	1,5 g	A 8,4		DIN125
	3090	304017008079	HEX SCREW		1	PC	11,7 g	M 8 X 20		ISO4017
	3100	304017008081	HEX SCREW		1	PC	13,4 g	M 8 X 25		ISO4017
	3110	304032008014	NUT HEX 8 A3C		2	PC	4,8 g	M 8		ISO4032
	3125	X54799100047	SPACER SLEEVE		1	PC	67,1 g			
	3130	916016020203	CLAMP		1	PC	47,5 g	BRSGU 20/25		N16016
	3140	000125010524	WASHER		1	PC	3,1 g	A 10,5		DIN125
	3150	000000003347	HEX SCREW		1	PC	37,5 g	M 10 X 55		ISO4017
	3160	5241538440	BRACKET		1	PC	30,1 g	SB		
	3170	916016012201	CLAMP		1	PC	21 g	BRSGU 12/20		N16016
	3180	000125008427	WASHER		1	PC	1,5 g	A 8,4		DIN125
	3190	304017008076	HEX SCREW		1	PC	9,1 g	M 8 X 12		ISO4017
	3200	5315461043	RETAINER		1	PC	81,1 g			
	3210	8711590571	BRACKET		1	PC	38,5 g			
	3220	916016012201	CLAMP		1	PC	21 g	BRSGU 12/20		N16016
	3230	000125008427	WASHER		1	PC	1,5 g	A 8,4		DIN125
	3240	304017008077	HEX SCREW		1	PC	10,5 g	M 8 X 16		ISO4017
	3250	000000003021	HEX SCREW		1	PC	22,8 g	M 10 X 25		ISO4017
	3260	8381594840	RETAINER		1	PC	36,5 g			
	3270	916016012201	CLAMP		1	PC	21 g	BRSGU 12/20		N16016
	3280	000125008427	WASHER		2	PC	1,5 g	A 8,4		DIN125
	3290	304032008014	NUT HEX 8 A3C		1	PC	4,8 g	M 8		ISO4032
	3300	304017008079	HEX SCREW		1	PC	11,7 g	M 8 X 20		ISO4017
	3310	916016020203	CLAMP		2	PC	47,5 g	BRSGU 20/25		N16016
	3320	000125010524	WASHER		2	PC	3,1 g	A 10,5		DIN125
	3330	204017010035	HEX SCREW		2	PC	37,8 g	M 10 X 55		ISO4017
	3340	916016008202	CLAMP		1	PC	17,9 g	BRSGU 8/20		N16016
	3350	000125008427	WASHER		1	PC	1,5 g	A 8,4		DIN125
	3360	000000003169	HEX SCREW		1	PC	11,8 g	M 8 X 20		ISO4017
	3370	X56950700015	RETAINER F. WIRING HARNESS		1	PC	104,8 g			

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	3380	916016012203	CLAMP		1	PC	35,8 g		BRSGU 12/25	N16016
	3390	000125010524	WASHER		1	PC	3,1 g		A 10,5	DIN125
	3400	916016015204	CLAMP		1	PC	40,6 g		BRSGU 15/25	N16016
	3410	000000003020	HEX SCREW		1	PC	20 g		M 10 X 20	ISO4017
	3420	916016018205	CLAMP		1	PC	44,8 g		BRSGU 18/25	N16016
	3425	000125008427	WASHER		1	PC	1,5 g		A 8,4	DIN125
	3430	304017008089	HEX SCREW		1	PC	24,2 g		M 8 X 60	ISO4017
	3450	X52850700068	CABLE CHANNEL		1	PC	1,499 kg			
	3460	916016020201	CLAMP		2	PC	15,9 g		BRSGU 20/15	N16016
	3470	000125006431	WASHER		4	PC	0,8 g		A 6,4	DIN125
	3480	000000003387	HEX SCREW		2	PC	5,1 g		M 6 X 16	ISO4017
	3490	304032006011	HEX NUT		2	PC	2,2 g		M 6	ISO4032
	3500	916016018201	CLAMP		2	PC	15 g		BRSGU 18/15	N16016
	3510	000125006431	WASHER		4	PC	0,8 g		A 6,4	DIN125
	3520	5901750251	SPACER		2	PC	8,8 g			
	3530	304017006065	HEX SCREW		2	PC	7,5 g		M 6 X 30	ISO4017
	3540	304032006011	HEX NUT		2	PC	2,2 g		M 6	ISO4032
	3550	X52850700068	CABLE CHANNEL		1	PC	1,499 kg			
	3560	916016020201	CLAMP		2	PC	15,9 g		BRSGU 20/15	N16016
	3570	000125006431	WASHER		4	PC	0,8 g		A 6,4	DIN125
	3580	000000003387	HEX SCREW		2	PC	5,1 g		M 6 X 16	ISO4017
	3590	304032006011	HEX NUT		2	PC	2,2 g		M 6	ISO4032
	3600	916016018201	CLAMP		3	PC	15 g		BRSGU 18/15	N16016
	3610	000125006431	WASHER		6	PC	0,8 g		A 6,4	DIN125
	3620	5901750251	SPACER		3	PC	8,8 g			
	3630	304017006065	HEX SCREW		3	PC	7,5 g		M 6 X 30	ISO4017
	3640	304032006011	HEX NUT		3	PC	2,2 g		M 6	ISO4032
	3650	X52850700068	CABLE CHANNEL		1	PC	1,499 kg			
	3660	916016020201	CLAMP		2	PC	15,9 g		BRSGU 20/15	N16016
	3670	000125006431	WASHER		4	PC	0,8 g		A 6,4	DIN125
	3680	000000003387	HEX SCREW		2	PC	5,1 g		M 6 X 16	ISO4017
	3690	304032006011	HEX NUT		2	PC	2,2 g		M 6	ISO4032
	3700	916016018201	CLAMP		3	PC	15 g		BRSGU 18/15	N16016
	3710	000125006431	WASHER		6	PC	0,8 g		A 6,4	DIN125
	3720	5901750251	SPACER		2	PC	8,8 g			
	3730	304017006065	HEX SCREW		2	PC	7,5 g		M 6 X 30	ISO4017
	3740	304032006011	HEX NUT		3	PC	2,2 g		M 6	ISO4032
	3750	000000003387	HEX SCREW		1	PC	5,1 g		M 6 X 16	ISO4017
	3760	X52850700068	CABLE CHANNEL		1	PC	1,499 kg			
	3770	916016018201	CLAMP		3	PC	15 g		BRSGU 18/15	N16016
	3780	000125006431	WASHER		6	PC	0,8 g		A 6,4	DIN125
	3790	5901750251	SPACER		3	PC	8,8 g			
	3800	304017006065	HEX SCREW		3	PC	7,5 g		M 6 X 30	ISO4017
	3810	304032006011	HEX NUT		3	PC	2,2 g		M 6	ISO4032
	3820	916016020201	CLAMP		2	PC	15,9 g		BRSGU 20/15	N16016
	3830	000125006431	WASHER		4	PC	0,8 g		A 6,4	DIN125
	3840	000000003387	HEX SCREW		2	PC	5,1 g		M 6 X 16	ISO4017
	3850	304032006011	HEX NUT		2	PC	2,2 g		M 6	ISO4032
	3870	204014010014	HEX SCREW		12	PC	109,5 g		M 10 X170	ISO4014
	3880	007349010001	WASHER		12	PC	10,9 g		10,5	DIN7349
	3890	916016010201	CLAMP		8	PC	9,1 g		BRSGU 10/15	N16016
	3900	000125006431	WASHER		8	PC	0,8 g		A 6,4	DIN125
	3910	000000003387	HEX SCREW		8	PC	5,1 g		M 6 X 16	ISO4017
	3920	304032006011	HEX NUT		8	PC	2,2 g		M 6	ISO4032

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	3930	916016010201	CLAMP		8	PC	9,1 g		BRSGU 10/15	N16016
	3940	000125006431	WASHER		8	PC	0,8 g		A 6,4	DIN125
	3950	000000003387	HEX SCREW		8	PC	5,1 g		M 6 X 16	ISO4017
	3960	304032006011	HEX NUT		8	PC	2,2 g		M 6	ISO4032
	3980	5551870640	RETAINER		3	PC	54,9 g			
	3990	916016010203	CLAMP		3	PC	20 g		BRSGU 10/20	N16016
	4000	8200980053	SPACER SLEEVE		3	PC	12,4 g			
	4010	000000004742	HEX SCREW		1	PC	46,6 g		M 10 X 75	ISO4017
	4020	000125010524	WASHER		1	PC	3,1 g		A 10,5	DIN125
	4030	000000003187	NUT HEX A3C		1	PC	9,2 g		M 10	ISO4032
	4040	000125008427	WASHER		5	PC	1,5 g		A 8,4	DIN125
	4050	304017008077	HEX SCREW		2	PC	10,5 g		M 8 X 16	ISO4017
	4060	8200980053	SPACER SLEEVE		1	PC	12,4 g			
	4070	304017008083	HEX SCREW		1	PC	15,1 g		M 8 X 30	ISO4017
	4080	916016010203	CLAMP		2	PC	20 g		BRSGU 10/20	N16016
	4090	000125008427	WASHER		4	PC	1,5 g		A 8,4	DIN125
	4100	304032008014	NUT HEX 8 A3C		3	PC	4,8 g		M 8	ISO4032
	4110	304017008079	HEX SCREW		3	PC	11,7 g		M 8 X 20	ISO4017
	4120	5241538440	BRACKET		1	PC	30,1 g	SB		
	4130	916016012201	CLAMP		1	PC	21 g		BRSGU 12/20	N16016
	4140	000125008427	WASHER		2	PC	1,5 g		A 8,4	DIN125
	4150	304017008030	HEX SCREW		1	PC	21,1 g		M 8 X 50	ISO4017
	4160	304017008077	HEX SCREW		1	PC	10,5 g		M 8 X 16	ISO4017
	4170	136M55056/1	BRACKET H:78		1	PC	48 g			
	4180	916016018202	CLAMP		1	PC	25,7 g		BRSGU 18/20	N16016
	4190	916016014201	CLAMP		1	PC	23,4 g		BRSGU 14/20	N16016
	4200	000125008427	WASHER		1	PC	1,5 g		A 8,4	DIN125
	4210	304017008079	HEX SCREW		1	PC	11,7 g		M 8 X 20	ISO4017
	4220	000000002527	HEX SCREW		1	PC	78,9 g		M 12 X 90	ISO4017
	4230	5241538440	BRACKET		1	PC	30,1 g	SB		
	4240	000000002838	CLAMP		1	PC	29 g		BRSGU 22/20	N16016
	4250	000125008427	WASHER		1	PC	1,5 g		A 8,4	DIN125
	4260	304017008076	HEX SCREW		1	PC	9,1 g		M 8 X 12	ISO4017
	4270	000000003020	HEX SCREW		1	PC	20 g		M 10 X 20	ISO4017
	4280	5315460443	BRACKET H:41 S2000/S 4000	8V2000M90	1	PC	65 g			
	4290	000125006431	WASHER		1	PC	0,8 g		A 6,4	DIN125
	4300	304017006058	HEX SCREW		1	PC	4,4 g		M 6 X 12	ISO4017
	4310	5225460043	BRACKET L H:49	12/16V2000SG	1	PC	75 g			
	4320	000125008427	WASHER		1	PC	1,5 g		A 8,4	DIN125
	4330	304017008079	HEX SCREW		1	PC	11,7 g		M 8 X 20	ISO4017
	4340	304032008014	NUT HEX 8 A3C		1	PC	4,8 g		M 8	ISO4032
	4350	916016010201	CLAMP		1	PC	9,1 g		BRSGU 10/15	N16016
	4360	000125006431	WASHER		1	PC	0,8 g		A 6,4	DIN125
	4370	304017006058	HEX SCREW		1	PC	4,4 g		M 6 X 12	ISO4017
	4380	916016018201	CLAMP		1	PC	15 g		BRSGU 18/15	N16016
	4390	000125006431	WASHER		1	PC	0,8 g		A 6,4	DIN125
	4400	000000003387	HEX SCREW		1	PC	5,1 g		M 6 X 16	ISO4017
	4410	5361530840	BRACKET H:28		1	PC	55,2 g		H028	
	4420	000125010524	WASHER		1	PC	3,1 g		A 10,5	DIN125
	4430	000000003020	HEX SCREW		1	PC	20 g		M 10 X 20	ISO4017
	4440	916016008202	CLAMP		1	PC	17,9 g		BRSGU 8/20	N16016
	4450	000125006431	WASHER		1	PC	0,8 g		A 6,4	DIN125
	4460	304017006058	HEX SCREW		1	PC	4,4 g		M 6 X 12	ISO4017
	4470	916016010205	CLAMP		1	PC	35 g		BRSGU 10/25	N16016

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	4480	000125010524	WASHER		1	PC	3,1 g		A 10,5	DIN125
	4490	204017010021	HEX SCREW		1	PC	32,5 g		M 10 X 45	ISO4017
	4500	5551870640	RETAINER		1	PC	54,9 g			
	4510	916016010203	CLAMP		1	PC	20 g		BRSGU 10/20	N16016
	4520	304017010035	HEX SCREW		1	PC	32,1 g		M 10 X 45	ISO4017
	4530	000125008427	WASHER		1	PC	1,5 g		A 8,4	DIN125
	4540	204017008022	HEX SCREW		1	PC	10 g		M 8 X 14	ISO4017
	4550	8381594840	RETAINER		1	PC	36,5 g			
	4560	304017008079	HEX SCREW		2	PC	11,7 g		M 8 X 20	ISO4017
	4570	000000002853	CLAMP		1	PC	16,8 g		BRSGU 6/20	N16016
	4580	000125008427	WASHER		2	PC	1,5 g		A 8,4	DIN125
	4590	304032008014	NUT HEX 8 A3C		1	PC	4,8 g		M 8	ISO4032
	4600	916016010205	CLAMP		1	PC	35 g		BRSGU 10/25	N16016
	4610	000125010524	WASHER		1	PC	3,1 g		A 10,5	DIN125
	4611	000000001464	HEX SCREW		2	PC	24,9 g		M 10 X 30	ISO4017
	4612	5241534340	BRACKET H:14	4000	1	PC	24 g			
	4613	5550780241	BRACKET L H:21		1	PC	42 g			
	4630	5315460443	BRACKET H:41 S2000/S 4000	8V2000M90	1	PC	65 g			
	4640	5241538440	BRACKET		1	PC	30,1 g	SB		
	4650	916016008202	CLAMP		2	PC	17,9 g		BRSGU 8/20	N16016
	4660	000125008427	WASHER		1	PC	1,5 g		A 8,4	DIN125
	4670	304017008077	HEX SCREW		1	PC	10,5 g		M 8 X 16	ISO4017
	4680	916016010205	CLAMP		2	PC	35 g		BRSGU 10/25	N16016
	4690	000125010524	WASHER		2	PC	3,1 g		A 10,5	DIN125
	4700	000000001039	HEX SCREW		2	PC	29,8 g		M 10 X 40	ISO4017
	4710	916016008202	CLAMP		2	PC	17,9 g		BRSGU 8/20	N16016
	4720	000125008427	WASHER		2	PC	1,5 g		A 8,4	DIN125
	4730	304017008081	HEX SCREW		2	PC	13,4 g		M 8 X 25	ISO4017
	4740	5241538440	BRACKET		2	PC	30,1 g	SB		
	4750	000125008427	WASHER		2	PC	1,5 g		A 8,4	DIN125
	4760	304017008085	HEX SCREW		2	PC	18 g		M 8 X 40	ISO4017
	4770	916016006202	CLAMP		2	PC	16,4 g		BRSGU 6/20	N16016
	4780	000125008427	WASHER		2	PC	1,5 g		A 8,4	DIN125
	4790	304017008076	HEX SCREW		2	PC	9,1 g		M 8 X 12	ISO4017
	4800	8381594840	RETAINER		1	PC	36,5 g			
	4810	000125010524	WASHER		1	PC	3,1 g		A 10,5	DIN125
	4820	000000003020	HEX SCREW		1	PC	20 g		M 10 X 20	ISO4017
	4830	916016010203	CLAMP		1	PC	20 g		BRSGU 10/20	N16016
	4840	000125008427	WASHER		1	PC	1,5 g		A 8,4	DIN125
	4850	304017008079	HEX SCREW		1	PC	11,7 g		M 8 X 20	ISO4017
	4860	304032008014	NUT HEX 8 A3C		1	PC	4,8 g		M 8	ISO4032
	4870	8381594840	RETAINER		1	PC	36,5 g			
	4880	000125008427	WASHER		1	PC	1,5 g		A 8,4	DIN125
	4890	304017008076	HEX SCREW		1	PC	9,1 g		M 8 X 12	ISO4017
	4900	916016010203	CLAMP		1	PC	20 g		BRSGU 10/20	N16016
	4910	000125008427	WASHER		2	PC	1,5 g		A 8,4	DIN125
	4920	304017008079	HEX SCREW		1	PC	11,7 g		M 8 X 20	ISO4017
	4930	304032008014	NUT HEX 8 A3C		1	PC	4,8 g		M 8	ISO4032
	4940	916016010205	CLAMP		1	PC	35 g		BRSGU 10/25	N16016
	4950	000125010524	WASHER		1	PC	3,1 g		A 10,5	DIN125
	4960	000000003326	HEX SCREW		1	PC	27,4 g		M 10 X 35	ISO4017
	4970	304017006058	HEX SCREW		2	PC	4,4 g		M 6 X 12	ISO4017
	4980	000125006431	WASHER		2	PC	0,8 g		A 6,4	DIN125

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000C65
RETAINER FOR GOVERNOR

SERIAL NUMBER: 5482000021

FG/FGS:

BOM-No.: X54750700115

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
	30	X59550700001	SPACER SLEEVE	2	PC	0,257 kg

EQUI TYPE: Engine

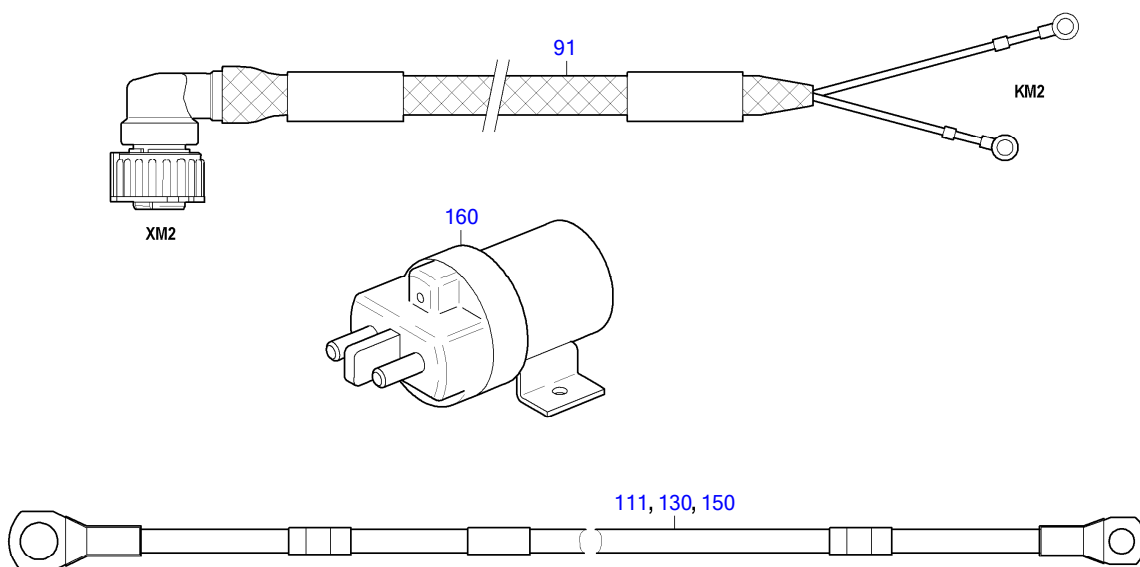
PRODUCT TYPE: 16V4000C65
RETAINER FOR GOVERNOR

SERIAL NUMBER: 5482000021

FG/FGS:

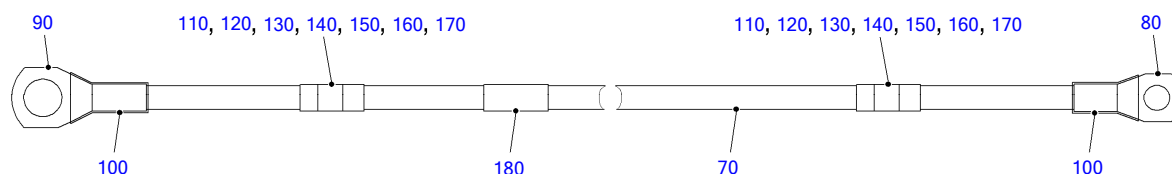
BOM-No.: X54750700119

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
	20	X59550700001	SPACER SLEEVE	2	PC	0,257 kg



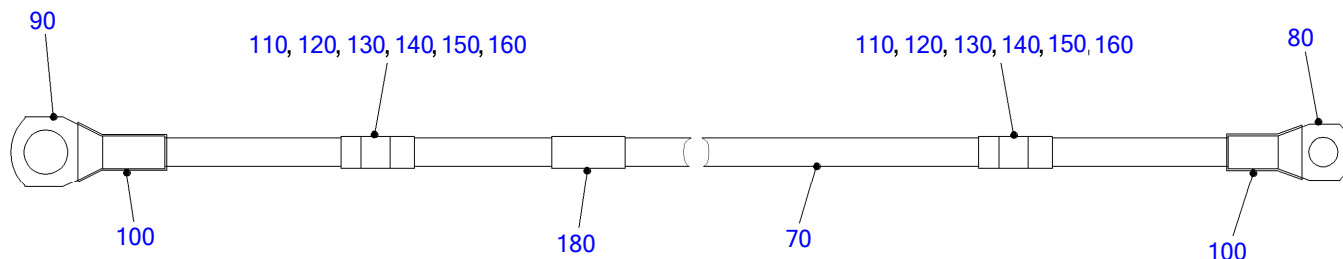
50702585

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
220	91	X00E50700506	CONNECTING CABLE FOR OIL PRIMING PUM	BR4000CX2-CX5	1	PC	51,5 g	UB	VORSCHMIERPUMPE ADAPTION KB
	111	X00E50700163	CONNECTING CABLE FOR LUBE-OIL PUMP	16V4000C	1	PC	305 g	AB	REL.KM2/88 - ANL.M01/+
219	130	X00037762	CONNECTING CABLE FOR LUBE-OIL PUMP	16V4000C	1	PC	289 g		VSP M2/2D2 - ANL.M01/-
218	150	X00037761	CONNECTING CABLE FOR LUBE-OIL PUMP	BR4000CX3	1	PC	55,2 g		VSP M2/1D1 - REL.KM2/88A
	155	X00E50210273	PROTECTIVE CAP	PVC - SCHWARZ	6	PC	0,008 kg		SCHUTZKAPPE 90° WINKEL
	160	X00036463	RELAY	26.08.08	1	PC	561,6 g	AB	



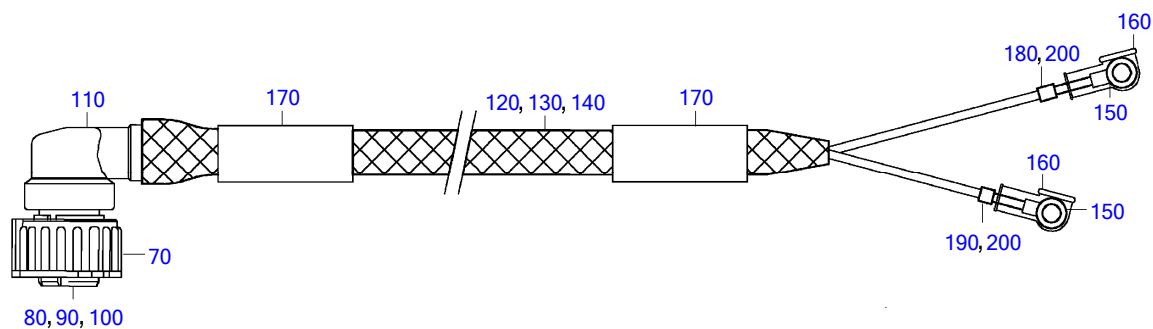
50701144c

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
70	0095313980	CABLE	4 GW-AX_16QMM	0,250	M	190 g	AB	16QMM FEINDR. KURZSCHLUSSSICH	
80	700500001066	CRIMPED TERMINAL LUG		1	PC	6,4 g		16 MM2 LOCH 8,4	MMN500
90	X00037778	CABLE TERMINAL	M10/16 QMM/ GERADE SICHTLOCH	1	PC	720 g	AB	M10/16QMM/GERADE/MIT SICHTLOCH	
100	0015310682	SHRINKABLE HOSE	SSCHL. 18/6-2 RT	0,100	M	22,7 g		18/6MM, ROT	
110	700461104000	MARKER SLEEVE		1	PC	0,4 g		4/A	MMN461
120	700461104003	MARKER SLEEVE		1	PC	0,3 g		4/D	MMN461
130	700461104012	MARKER SLEEVE		2	PC	0,3 g		4/M	MMN461
140	700461104026	MARKER SLEEVE		2	PC	0,01 g		4//	MMN461
150	700461204001	MARKER SLEEVE		2	PC	0,1 g		4/1	MMN461
160	700461204002	MARKER SLEEVE		2	PC	0,3 g		4/2	MMN461
170	700461204008	MARKER SLEEVE		2	PC	0,4 g		4/8	MMN461
180	0035337089	IDENTIFICATION PLATE	ELAT	1	PC	1,4 g		47X135MM, BEDRUCKBAR 47X25MM	



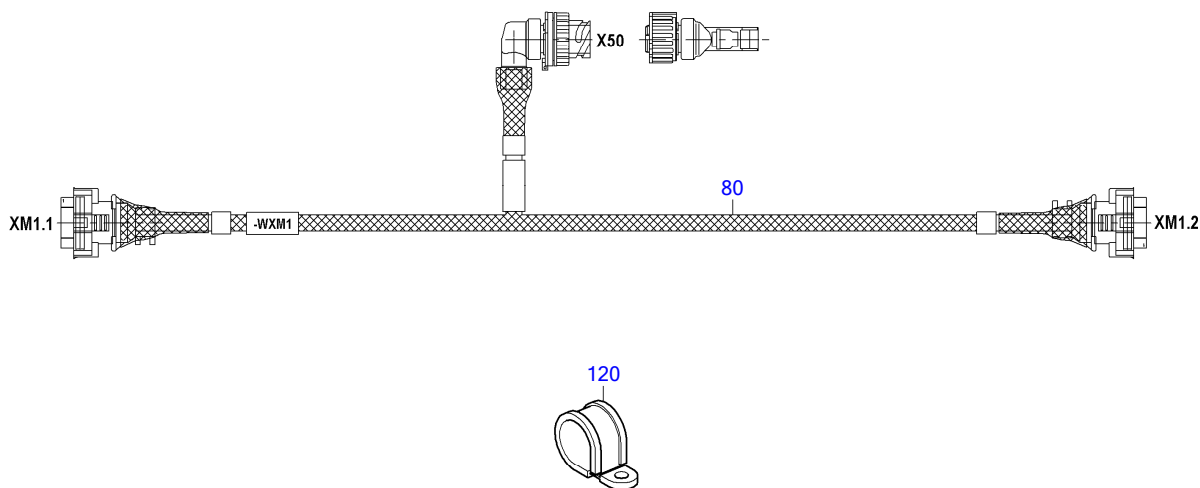
50701144b

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	70	0095313980	CABLE	4 GKW-AX_16QMM	1,500	M	190 g	AB	16QMM FEINDR. KURZSCHLUSSSICH	
	80	700500001066	CRIMPED TERMINAL LUG		1	PC	6,4 g		16 MM2 LOCH 8,4	MMN500
	90	X00037776	CABLE TERMINAL	M12/16 QMM/ GERADE SICHTLOCH	1	PC	720 g	AB	M12/16QMM/GERADE/MIT SICHTLOCH	
	100	0015310582	SHRINKABLE HOSE	SSCHL. 18/6-6 BL	0,100	M	22,8 g		18/6MM, BLAU	
	110	700461104012	MARKER SLEEVE		2	PC	0,3 g		4/M	MMN461
	120	700461104003	MARKER SLEEVE		1	PC	0,3 g		4/D	MMN461
	130	700461104026	MARKER SLEEVE		2	PC	0,01 g		4//	MMN461
	140	700461104027	MARKER SLEEVE		1	PC	0,41 kg		4/-	MMN461
	150	700461204001	MARKER SLEEVE		1	PC	0,1 g		4/1	MMN461
	160	700461204002	MARKER SLEEVE		3	PC	0,3 g		4/2	MMN461
	180	0035337089	IDENTIFICATION PLATE	ELAT	1	PC	1,4 g		47X135MM, BEDRUCKBAR 47X25MM	



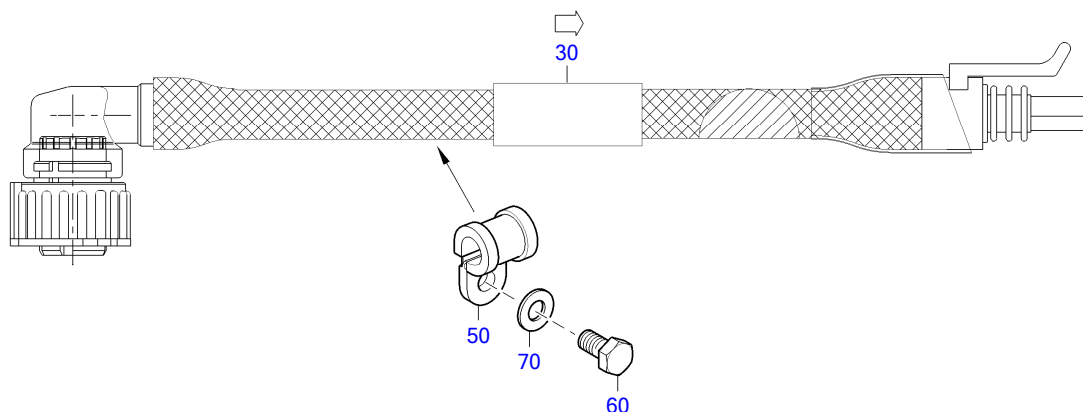
50705066

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	11,5 g	4POL. CODE 1 / DIN 72585 BU	
80	0165313383	FEMALE CONTACT FOR BUSH HOUSING	BUCHSE CUNISI VERZINNT	2	PC	0,5 g	0,5-1,0 MM ² / D=2,5MM	
90	0165313483	SINGLE-CORE INSUL	EINZELADERABDICHTUNG	2	PC	0,12 g	1,2-2,1MM ² / 2,5MM / DIN72585	
100	0165313583	BLANKING PLUG	BLINDSTOPFEN	2	PC	0,1 g	SYSTEM 2,5MM / 2,8MM	
110	0165313683	ADAPTER FOR CORRUGATED PIPE		1	PC	5,6 g	GR.B NW10 90GRD/HDSCS	
120	X00E50204216	ADHESIVE TAPE F.HEAVY-DUTY CABLE	-40C BIS 150C / SYNTHESKAUT.	1	PC	135 g	25M / 25MM / SCHWARZ / POLYESTER	
130	0095318880	CABLE	RADDOX 155S RW VERDRILLT	1,000	M	11,2 g	1X2X0,5QMM / WS / NUMMERIERT	
140	X00E50204209	YARN F. WIRING HARNESS	PVC VN-4000S SCHWARZ	5,000	M	100 g	1,02MM / -54°C BIS 138°C	
150	0001591479	CABLE TERMINAL		2	PC	0,8 g	0,35-1,5QMM/M4 ROT	
160	0001541185	GUARD CAP		2	PC	4,4 g		
170	0035337089	IDENTIFICATION PLATE	ELAT	2	PC	1,4 g	47X135MM, BEDRUCKBAR 47X25MM	
180	700461202005	MARKER SLEEVE		1	PC	0,1 g	2/5	MMN461
190	700461202006	MARKER SLEEVE		1	PC	0,1 g	2/6	MMN461
200	700461202008	MARKER SLEEVE		2	PC	0,001 kg	2/8	MMN461



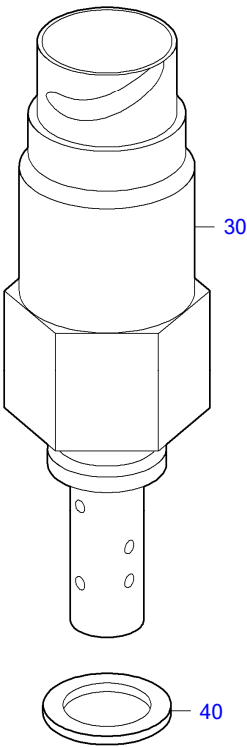
50702503

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	80	X00E50700505	CONNECTING CABLE FOR STARTER	HEAVY-DUTY	1	PC	280 g	UB	BOSCH HEP109	
	120	916016010203	CLAMP		5	PC	20 g		BRSGU 10/20	N16016



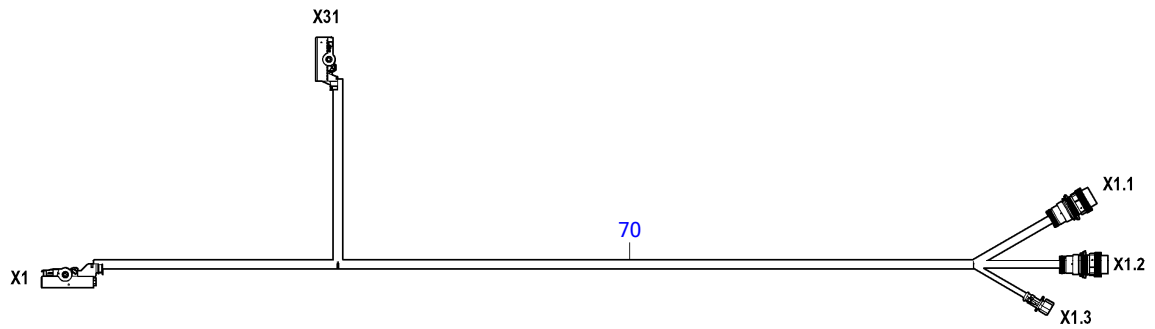
50703298

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	30	X00E50208089	CONNECTING CABLE FOR FAN DRIVE	16V/20V4000CX03 HEAVY DUTY	1	PC	50,5 g	AB	380MM / ROCKFORD S370	
	50	916016012201	CLAMP		1	PC	21 g		BRSGU 12/20	N16016
	60	304017008077	HEX SCREW		1	PC	10,5 g		M 8 X 16	ISO4017
	70	000125008427	WASHER		1	PC	1,5 g		A 8,4	DIN125



50704830

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	30	X00E50211805	LEVEL MONITOR	BEDIA CLS-50	1	PC	0,159 kg	M18X1.5, DIN72585, KABELSCHW.	
	40	007603018101	COPPER SEALING RING		1	PC	1,3 g	A 18 X 22	DIN7603



50704816

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
	70	X00E50210689	CONNECTING CABLE F.CUST. CONNECTION	S4000CX5	1	PC	3 kg	AB	AUSFÜHRUNG LIEBHERR M. DIALOG

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
226	60	X00E50701898	WIRING HARNESS FOR ON-ENGINE SENSO	16V4000Cx5	1	PC			Umbau VI klemme mit Krallenk.	
	90	0035352531	PRESSURE SENSOR		1	PC	75 g	EM	M14X1,5,SW= 27, 0-10BAR_RELATIV	
	110	0035352531	PRESSURE SENSOR		1	PC	75 g	EM	M14X1,5,SW= 27, 0-10BAR_RELATIV	
	130	X00E50210470	PRESSURE SENSOR	0,5-8 BAR ABS	1	PC	89,4 g	EM	M18X1,5, SW=27	
	150	X00E50210470	PRESSURE SENSOR	0,5-8 BAR ABS	1	PC	89,4 g	EM	M18X1,5, SW=27	
	170	X00E50207199	PRESSURE SENSOR	6 BAR REL	1	PC	105,4 g	AB	ISO M14X1,5; SW=27 TYP:EPN	
	190	X00E50207201	PRESSURE SENSOR	15 BAR REL.	1	PC	105,2 g		ISO M14X1,5;SW=27 L=56 TYP:EPN	
	192	X54799101553	BUSHING FOR PRESSURE SENSOR		1	PC	0,074 kg			
	193	735221011000	O-RING		1	PC	0,3 g		11,3 X 2,2 - M14X1,5	MTN5221
	210	X00E50207201	PRESSURE SENSOR	15 BAR REL.	1	PC	105,2 g		ISO M14X1,5;SW=27 L=56 TYP:EPN	
	212	X54799101553	BUSHING FOR PRESSURE SENSOR		1	PC	0,074 kg			
	213	735221011000	O-RING		1	PC	0,3 g		11,3 X 2,2 - M14X1,5	MTN5221
	230	X00E50207201	PRESSURE SENSOR	15 BAR REL.	1	PC	105,2 g		ISO M14X1,5;SW=27 L=56 TYP:EPN	
	232	X54799101553	BUSHING FOR PRESSURE SENSOR		1	PC	0,074 kg			
	233	735221011000	O-RING		1	PC	0,3 g		11,3 X 2,2 - M14X1,5	MTN5221
	250	X00E50207199	PRESSURE SENSOR	6 BAR REL	1	PC	105,4 g	AB	ISO M14X1,5; SW=27 TYP:EPN	
	270	X00E50210148	PRESSURE SENSOR	2800 BAR REL. -PU	1	PC	155,7 g	EM	M18X1,5;SW27;L=56;KEGEL; O-RING	
	290	0035352231	PRESSURE SENSOR		1	PC	131,6 g		M14X1,5,SW=38, +/- 70MBAR_RELAT.	
	310	X00E50207368	PRESSURE SENSOR	0.5...1,5 BAR ABS	1	PC	73,3 g	EM	M18X1,5;SW=27;H=43	
	330	X00E50210572	SENSOR	TRICAN HTD2800 GEN.2	1	PC	0,089 kg	EM	FEUCHTE-,TEMP-,DRUCK	
	350	0005357633	SPEED SENSOR	BR4000;KW;	1	PC	85 g	EM	D=19X60, KABELL.=700MM,	
	360	304017008077	HEX SCREW		1	PC	10,5 g		M 8 X 16	ISO4017
	380	0005357633	SPEED SENSOR	BR4000;KW;	1	PC	85 g	EM	D=19X60, KABELL.=700MM,	
	390	304017008077	HEX SCREW		1	PC	10,5 g		M 8 X 16	ISO4017
	410	X00E50204113	SPEED SENSOR	DSE_1210	1	PC	153,5 g		M12X1,5,KABELL. 1300, EINBT. 115	
	430	X00E50204113	SPEED SENSOR	DSE_1210	1	PC	153,5 g		M12X1,5,KABELL. 1300, EINBT. 115	
	450	X00E50204113	SPEED SENSOR	DSE_1210	1	PC	153,5 g		M12X1,5,KABELL. 1300, EINBT. 115	
	470	0005356430	TEMPERATURE SENSOR	PT1000	1	PC	50 g	EM	M14X1,5, L=29, STECKER DIN72585,	
	490	0005356430	TEMPERATURE SENSOR	PT1000	1	PC	50 g	EM	M14X1,5, L=29, STECKER DIN72585,	
	510	0005356430	TEMPERATURE SENSOR	PT1000	1	PC	50 g	EM	M14X1,5, L=29, STECKER DIN72585,	
	530	0005356430	TEMPERATURE SENSOR	PT1000	1	PC	50 g	EM	M14X1,5, L=29, STECKER DIN72585,	
	550	0005356430	TEMPERATURE SENSOR	PT1000	1	PC	50 g	EM	M14X1,5, L=29, STECKER DIN72585,	
	570	X00E50210823	SENSOR	NO_X GEN.2,8 PGN 61455	1	PC	317,3 g	EM	M20X1.5, KABELLAENGE 908	
	590	X00E50210822	SENSOR	NO_X GEN.2,8 PGN 61454	1	PC	318,1 g	EM	M20X1.5, KABELLAENGE 908	
	610	X00E50207049	SENSOR	LAMBDA SONDEN LSU ADV SERIE	1	PC	162,7 g	EM		
	630	X00E50210377	TEMPERATURE SENSOR	PT100 ABGAS	1	PC	0,194 kg	EM	M14X1,5 ET=58MM KL=1M	
	650	X00E50210470	PRESSURE SENSOR	0,5-8 BAR ABS	1	PC	89,4 g	EM	M18X1,5, SW=27	

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000C65
WIRING HARNESS FOR ON-ENGINE SENSO

SERIAL NUMBER: 5482000021
FG/FGS:
BOM-No.: X00E50701898

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT
	410	X00023675	BUSH HOUSING FOR CRIMP CONTACT	STECKER F. BU-KONTAKTE 1,5MM	18	PC	11,6 g	7POL. CODE A / DIN 72585 BU

	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	22,9 g	6	N15006
	60	X54799101337	PIPE ELBOW	1	PC	0,035 kg	MMN 160-KR 6-C	
	65	X54799100167	FLANGE	1	PC	462,5 g		
	70	304017008084	HEX SCREW	2	PC	16,4 g	M 8 X 35	ISO4017
	75	X54769900005	RETAINER	1	PC	81 g		
	80	5531420553	SLEEVE	3	PC	54,1 g		
	85	204014010032	HEX SCREW	5	PC	42,9 g	M 10 X 60	ISO4014
	90	700325012100	CLAMP HALF TUBE 1/1 D9-12	1	PC	25 g	1/1 D 9 - 12	MMN325
	92	700325012200	CLAMP HALF TUBE 1/1 G8-12	1	PC	26,2 g	1/1 G 8 - 12	MMN325
	95	700327008000	GROMMET	1	PC	1,7 g	8	MMN327
	100	700325008100	PIPE CLAMP HALF	2	PC	18 g	1/1 D 9 - 8	MMN325
228	105	X54899100134	PIPE	1	PC	0,105 kg		
	115	304017008086	HEX SCREW	1	PC	19,4 g	M 8 X 45	ISO4017
	120	136M55056/1	BRACKET H:78	2	PC	48 g		
	125	200433010501	WASHER	2	PC	2 g	10,5	DIN433
	130	916016008202	CLAMP	2	PC	17,9 g	BRSGU 8/20	N16016
	135	000125008427	WASHER	2	PC	1,5 g	A 8,4	DIN125
	140	204017008022	HEX SCREW	2	PC	10 g	M 8 X 14	ISO4017

EQUI TYPE: Engine

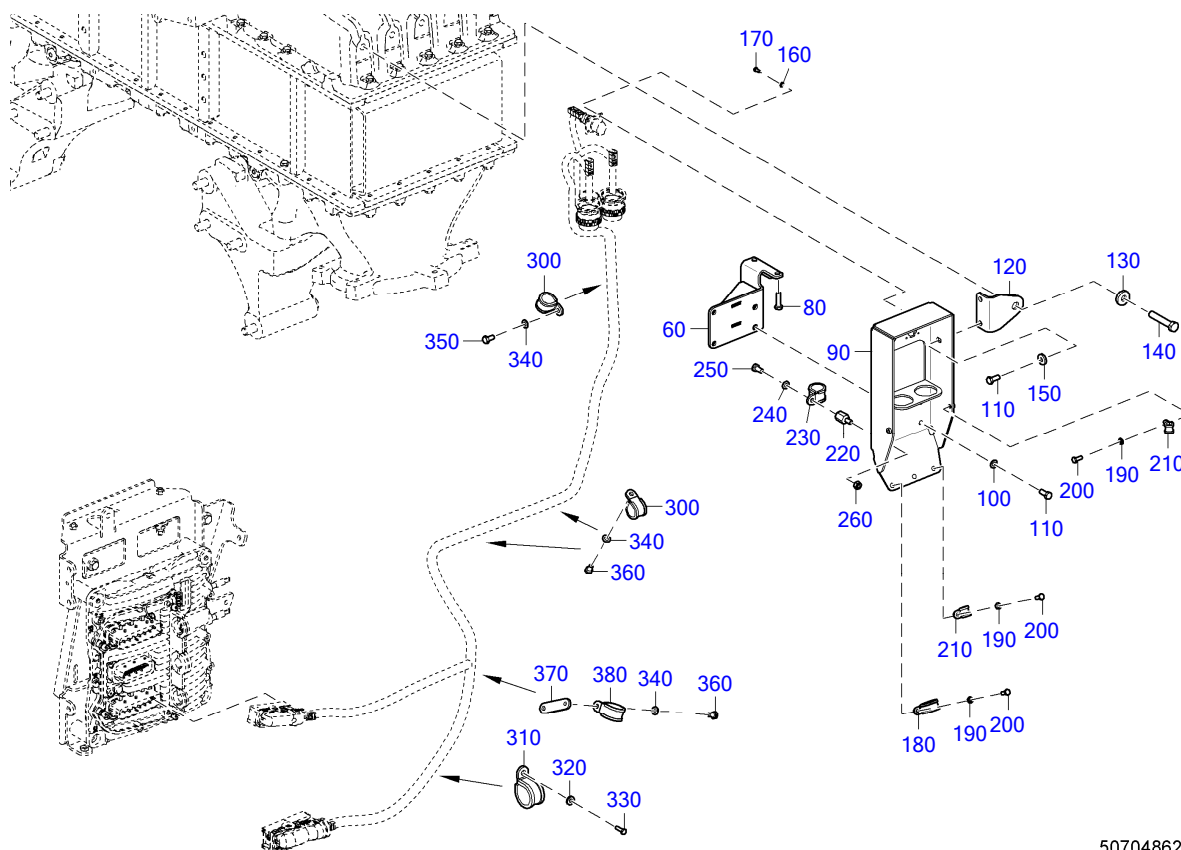
PRODUCT TYPE: 16V4000C65
PIPE

SERIAL NUMBER: 5482000021

FG/FGS:

BOM-No.: X54899100134

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	150	707000000002	NUT	2	PC	13,7 g	6 M 14 X 1,5	N15001
	200	915003006211	BALL-TYPE UNION	2	PC	3,4 g	B2 - 8	MBN15003



50704862

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	60	X54950700015	RETAINER	1	PC	1,233 kg		
	80	304017008091	HEX SCREW	2	PC	22,5 g	M 8 X 55	ISO4017
	90	X54950700010	RETAINER	1	PC	2,888 kg		
	100	000125008427	WASHER	2	PC	1,5 g	A 8,4	DIN125
	110	304017008079	HEX SCREW	4	PC	11,7 g	M 8 X 20	ISO4017
	120	X54950700012	RETAINER	1	PC	0,279 kg		
	130	007349013002	WASHER	1	PC	24,5 g	13	DIN7349
	140	000000003917	HEX SCREW	1	PC	61 g	M 12 X 65	ISO4017
	150	007349008000	WASHER	2	PC	7,7 g	8,4	DIN7349
	160	000125004317	WASHER	4	PC	0,2 g	A 4,3	DIN125
	170	304017004016	HEX SCREW	4	PC	1,5 g	M 4 X 10	ISO4017
	180	916016025201	CLAMP	2	PC	18,2 g	BRSGU 25/15	N16016
	190	000125006431	WASHER	4	PC	0,8 g	A 6,4	DIN125
	200	000000003387	HEX SCREW	4	PC	5,1 g	M 6 X 16	ISO4017
	210	916016010201	CLAMP	2	PC	9,1 g	BRSGU 10/15	N16016
	220	8711590571	BRACKET	2	PC	38,5 g		
	230	000000002839	CLAMP	2	PC	29,8 g	BRSGU 24/20	N16016
	240	000125008427	WASHER	4	PC	1,5 g	A 8,4	DIN125
	250	304017008077	HEX SCREW	2	PC	10,5 g	M 8 X 16	ISO4017
	260	304032008014	NUT HEX 8 A3C	2	PC	4,8 g	M 8	ISO4032
	300	000000002839	CLAMP	3	PC	29,8 g	BRSGU 24/20	N16016
	310	916016038204	CLAMP	1	PC	68,9 g	BRSGU 38/25	N16016
	320	007349006004	WASHER	1	PC	4,1 g	6,4	DIN7349
	330	000000001444	HEX SCREW	1	PC	6 g	M 6 X 20	ISO4017
	340	000125008427	WASHER	4	PC	1,5 g	A 8,4	DIN125

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000C65
RETAINER F.CUST. CONNECTION

SERIAL NUMBER: 5482000021

FG/FGS: 507 98

BOM-No.: XS549500.00020

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	350	304017008077	HEX SCREW	1	PC	10,5 g	M 8 X 16	ISO4017
	360	304017008076	HEX SCREW	3	PC	9,1 g	M 8 X 12	ISO4017
	370	8801590040	RETAINER	1	PC	54 g		
	380	916016030202	CLAMP	1	PC	39,4 g	BRSGU 30/20	N16016

GROUP SEGMENT (FGS)

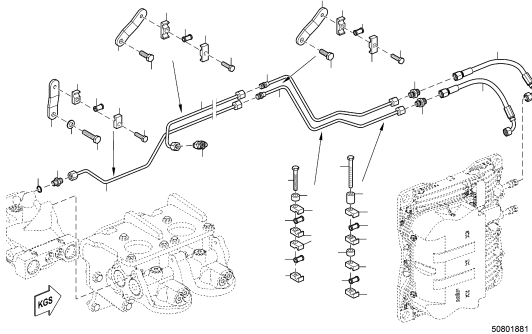
GROUP NAME

BOM-No.

81

ADEC COOLING

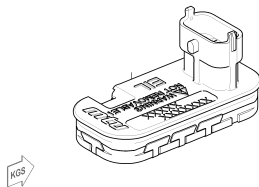
XS548500.00029



95

HOUSING FOR ELECTRONICS

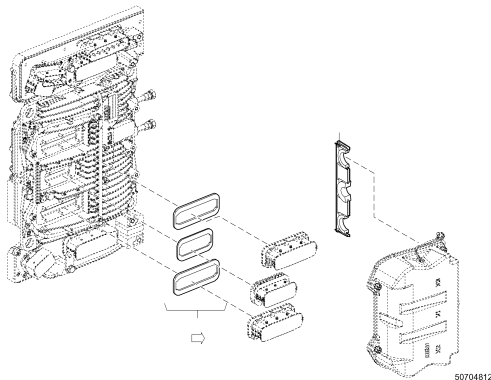
XS00E500.01695



95

PROTECTIVE HALF-COVR FOR GOVERNOR

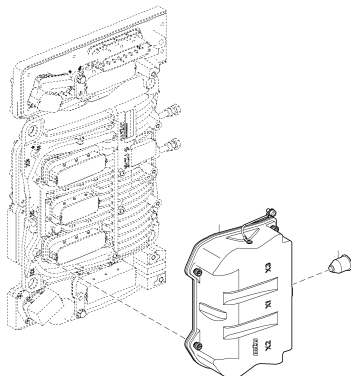
XS00E500.02326



95

COVER FOR GOVERNOR

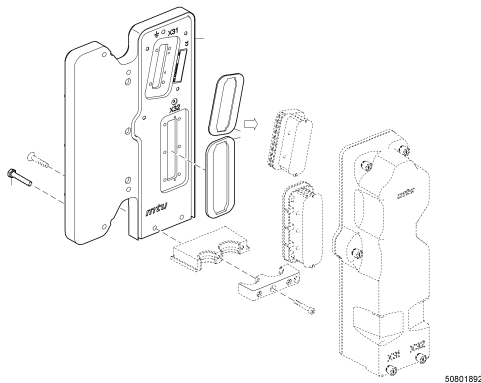
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GROUP SEGMENT (FGS)

GROUP NAME

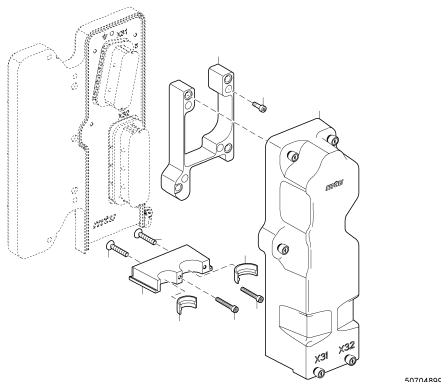
BOM-No.



95

EXTENSION UNIT FOR ENGINE GOVERNOR

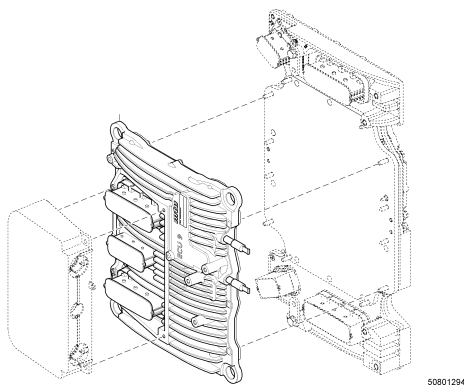
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95

HOOD

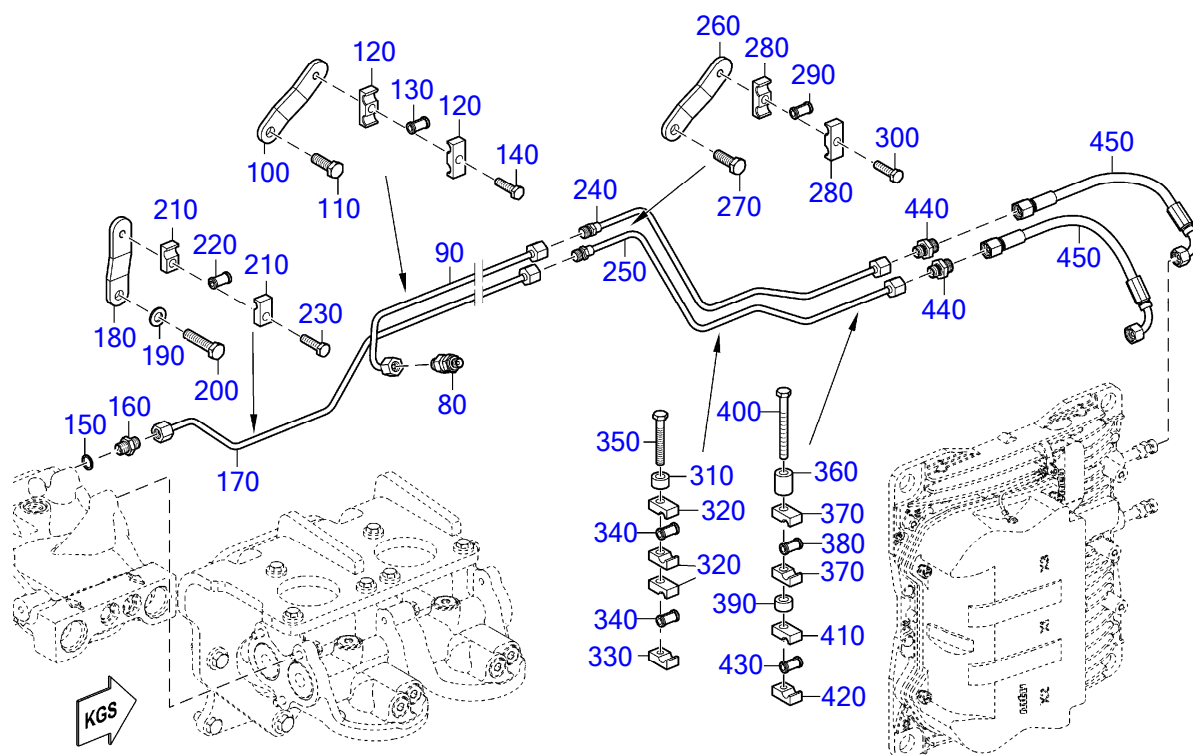
XS00E500.02353



95

GOVERNOR

XS00E500.02438



50801881

POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
80	735080006100	VALVE NON RETURN RHVK 6-LM ED 3	1	PC	47,3 g	RHVK 6-LM-ED 3	MTN5080
90	X54708400008	FUEL LINE	1	PC	0,08 kg		
100	X00037023	RETAINER	1	PC	110 g		
110	000000001464	HEX SCREW	1	PC	24,9 g	M 10 X 30	ISO4017
120	700325010103	CLAMP HALF TUBE 2/1 D9-10	2	PC	33 g	2/1 D 9 - 10	MMN325
130	700327006000	GROMMET	2	PC	1,4 g	6	MMN327
140	304017008083	HEX SCREW	1	PC	15,1 g	M 8 X 30	ISO4017
150	007603012108	SEALING RING	1	PC	0,5 g	A 12 X 15,5	DIN7603
160	915006004002	UNION	1	PC	19 g	4	N15006
170	X54708400012	FUEL LINE	1	PC	107 g		
180	X00037023	RETAINER	1	PC	110 g		
190	000125010524	WASHER	1	PC	3,1 g	A 10,5	DIN125
200	204017010021	HEX SCREW	1	PC	32,5 g	M 10 X 45	ISO4017
210	700325010100	CLAMP HALF TUBE	2	PC	25 g	1/1 D 9 - 10	MMN325
220	700327006000	GROMMET	1	PC	1,4 g	6	MMN327
230	304017008083	HEX SCREW	1	PC	15,1 g	M 8 X 30	ISO4017
240	X54708400009	FUEL LINE	1	PC	84,1 g		
250	X54708400011	FUEL LINE	1	PC	87,6 g		
260	X00037023	RETAINER	1	PC	110 g		
270	000000001464	HEX SCREW	1	PC	24,9 g	M 10 X 30	ISO4017
280	700325010103	CLAMP HALF TUBE 2/1 D9-10	2	PC	33 g	2/1 D 9 - 10	MMN325
290	700327006000	GROMMET	2	PC	1,4 g	6	MMN327
300	304017008083	HEX SCREW	1	PC	15,1 g	M 8 X 30	ISO4017
310	5511530050	SPACER BUSHING	1	PC	13,2 g	Ø18/Ø10 × 10	
320	700325010100	CLAMP HALF TUBE	3	PC	25 g	1/1 D 9 - 10	MMN325

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000C65

SERIAL NUMBER: 5482000021

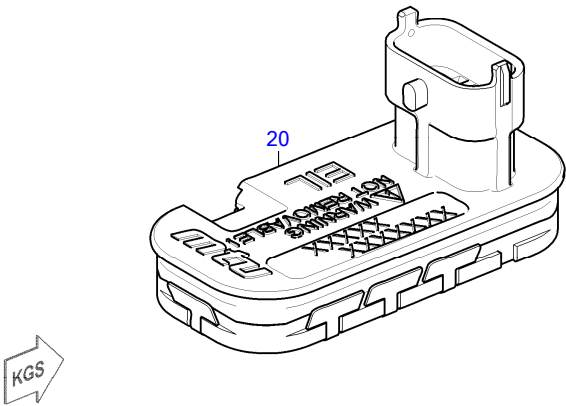
ADEC COOLING

FG/FGS: 508

81

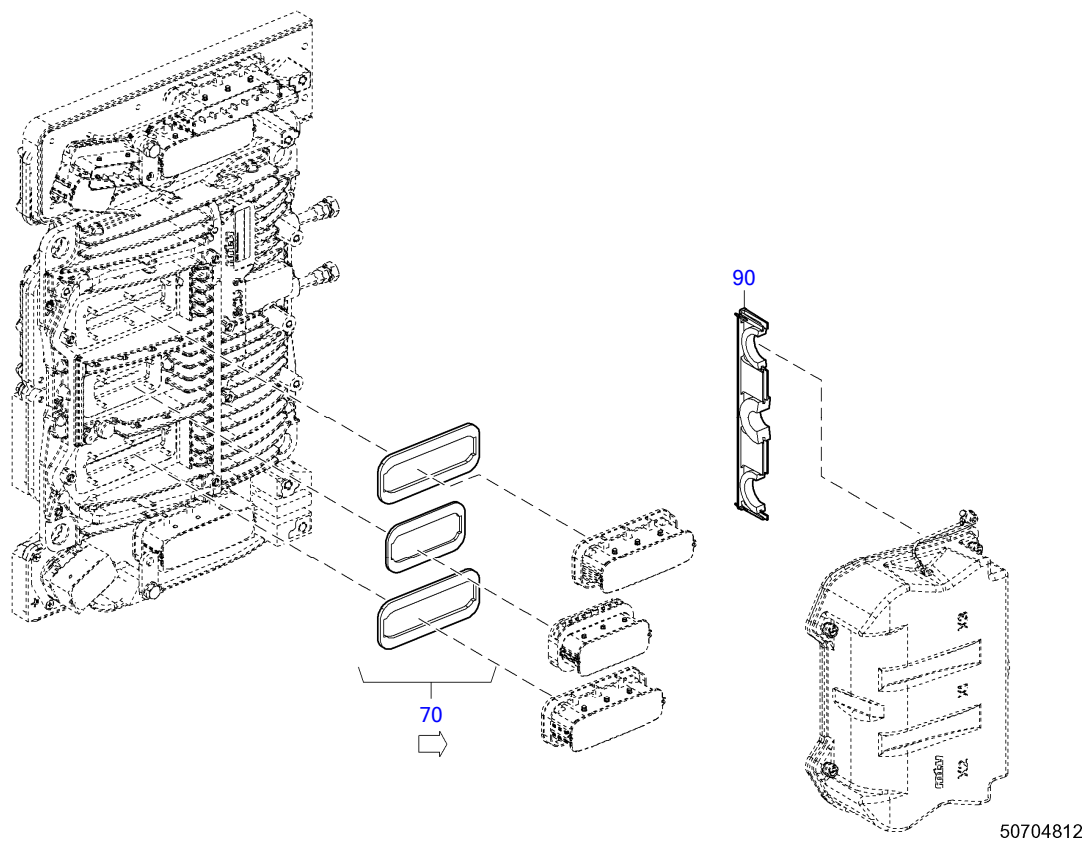
BOM-No.: XS548500.00029

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	330	700325010200	CLAMP HALF TUBE 1/1 G8-10	1	PC	26,1 g	1/1 G 8 - 10	MMN325
	340	700327006000	GROMMET	2	PC	1,4 g	6	MMN327
	350	304017008088	HEX SCREW	1	PC	22,6 g	M 8 X 55	ISO4017
	360	5511530450	SPACER BUSHING	1	PC	29,9 g		
	370	700325010100	CLAMP HALF TUBE	2	PC	25 g	1/1 D 9 - 10	MMN325
	380	700327006000	GROMMET	1	PC	1,4 g	6	MMN327
	390	5511530050	SPACER BUSHING	1	PC	13,2 g	Ø18/Ø10 × 10	
	400	000000004389	HEX SCREW	1	PC	30 g	M 8 X 75	ISO4017
	410	700325010100	CLAMP HALF TUBE	1	PC	25 g	1/1 D 9 - 10	MMN325
	420	700325010200	CLAMP HALF TUBE 1/1 G8-10	1	PC	26,1 g	1/1 G 8 - 10	MMN325
	430	700327006000	GROMMET	1	PC	1,4 g	6	MMN327
	440	915007006003	CONNECTOR 6/4	2	PC	22,5 g	6 / 4	N15007
	450	X54799101060/88	HOSE LINE	2	PC	117 g		

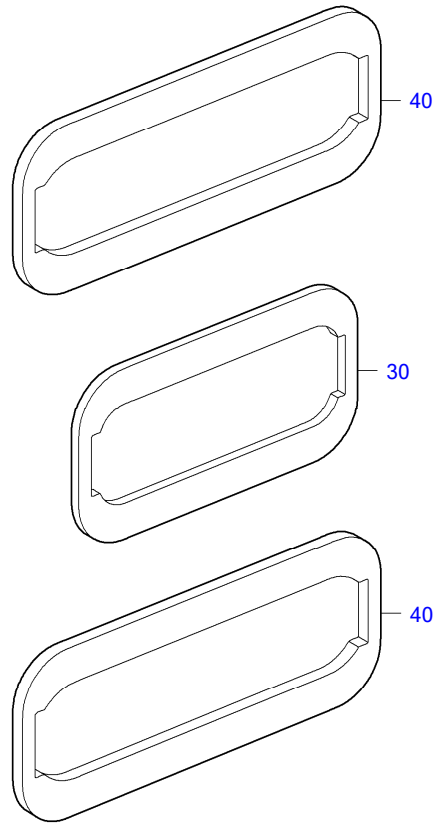


50702999

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT
	20	B00E50204076	HOUSING FOR ELECTRONICS	EIL1-02	1	PC	35 g

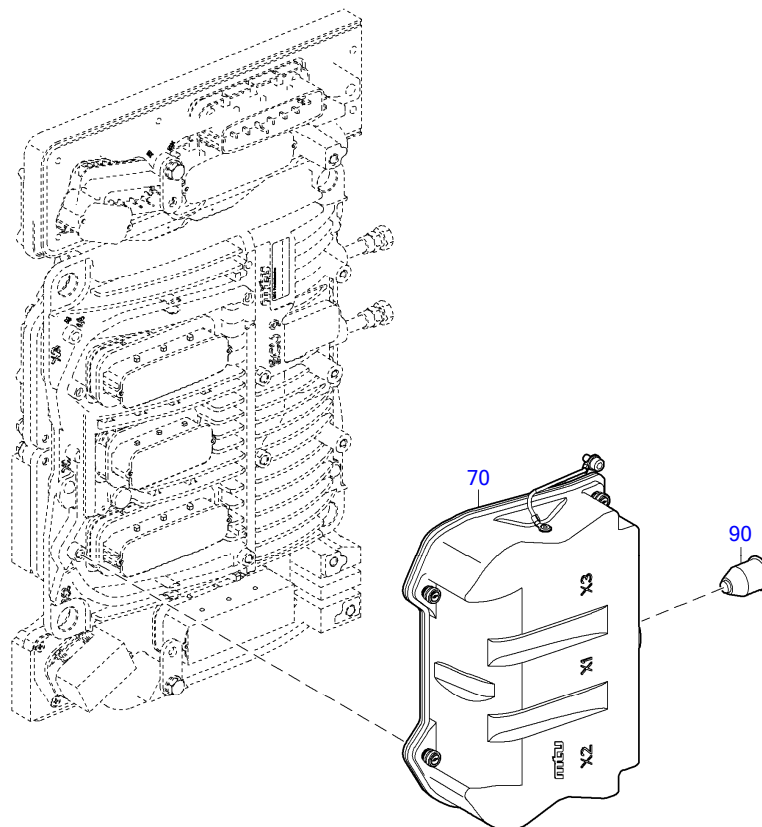


	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT
234	70	B00E50203897	GASKET KIT FOR CONNECTOR	ECU9	1	PC	5 g
	90	B00E50202451	STRIP FOR ENGINE GOVERNOR	ECU 9	1	PC	50 g



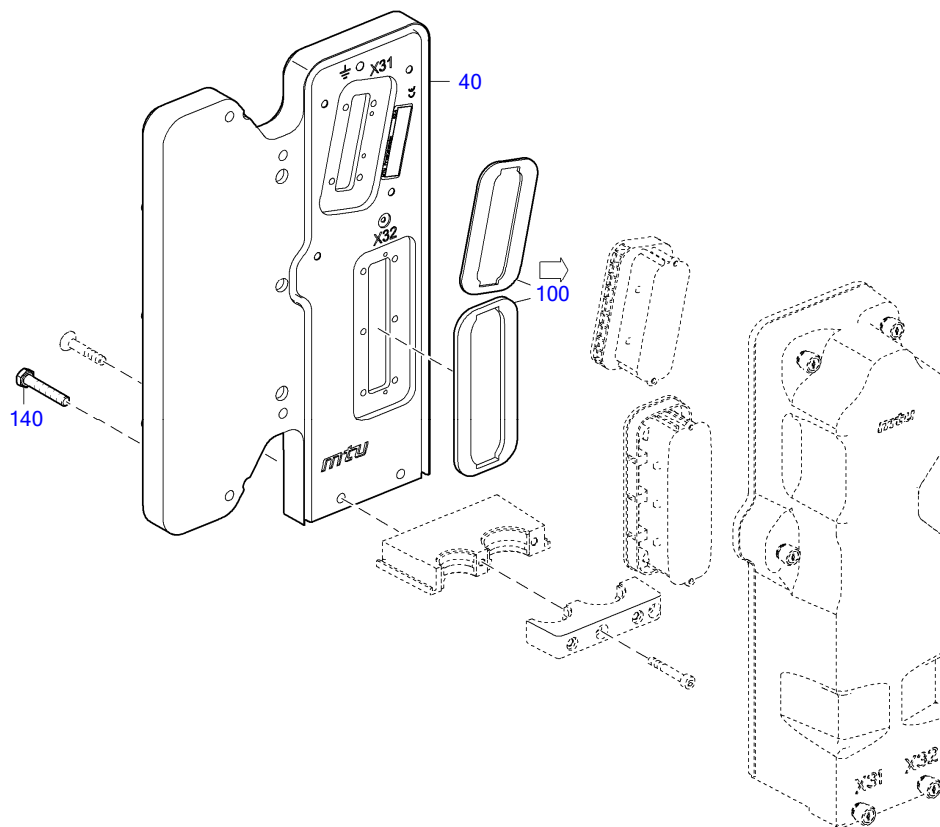
50704813

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT
	30	B00E50203892	GASKET FOR CONNECTOR	ECU	1	PC	10 g	62 POLIG
	40	B00E50203893	GASKET FOR CONNECTOR	ECU	2	PC	10 g	92 POLIG



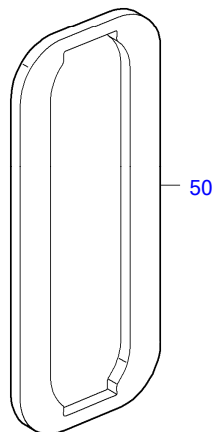
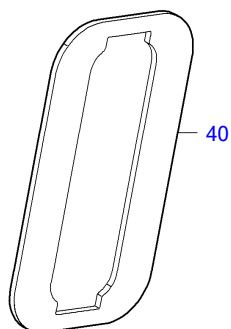
50704811

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT
	70	B00E50202449	COVER FOR ENGINE GOVERNOR	ECU 9	1	PC	200 g	
	90	0015336931	CAP	FUER WELLROHR	1	PC	1 g	ENDTÜLLE / NW17 / AD=21,2MM



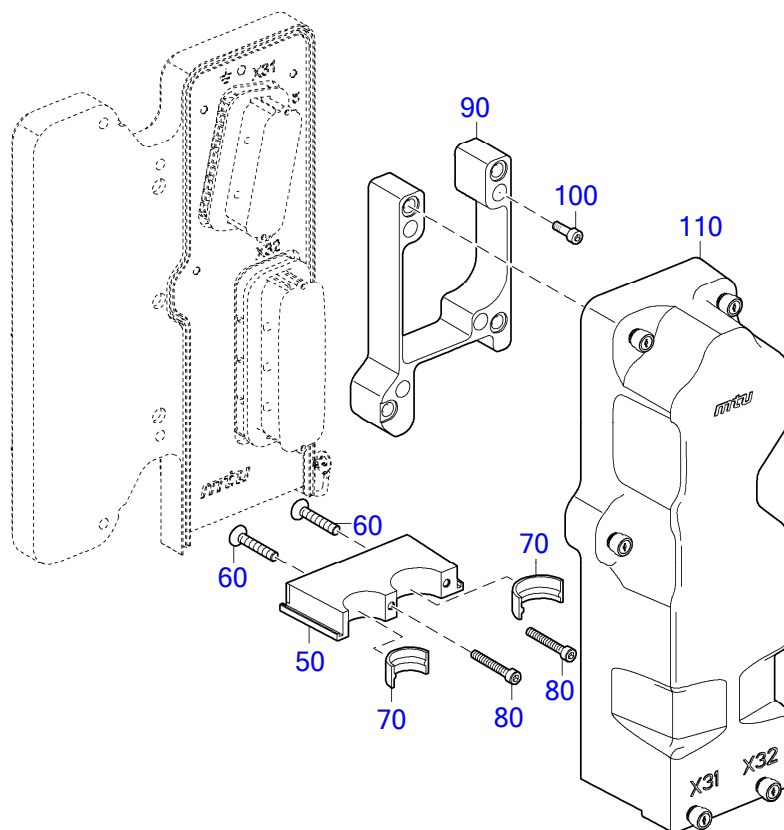
50801892

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
40	X00E50211636	EXTENSION UNIT FOR ENGINE GOVERNOR	EXU1-04	1	PC	3,192 kg	EXU1-04	
237	B00E50204088	GASKET KIT FOR CONNECTOR	EXU1	1	PC	100 g		
140	000000002648	HEX SCREW		4	PC	9,4 g	M 6 X 40	ISO4017



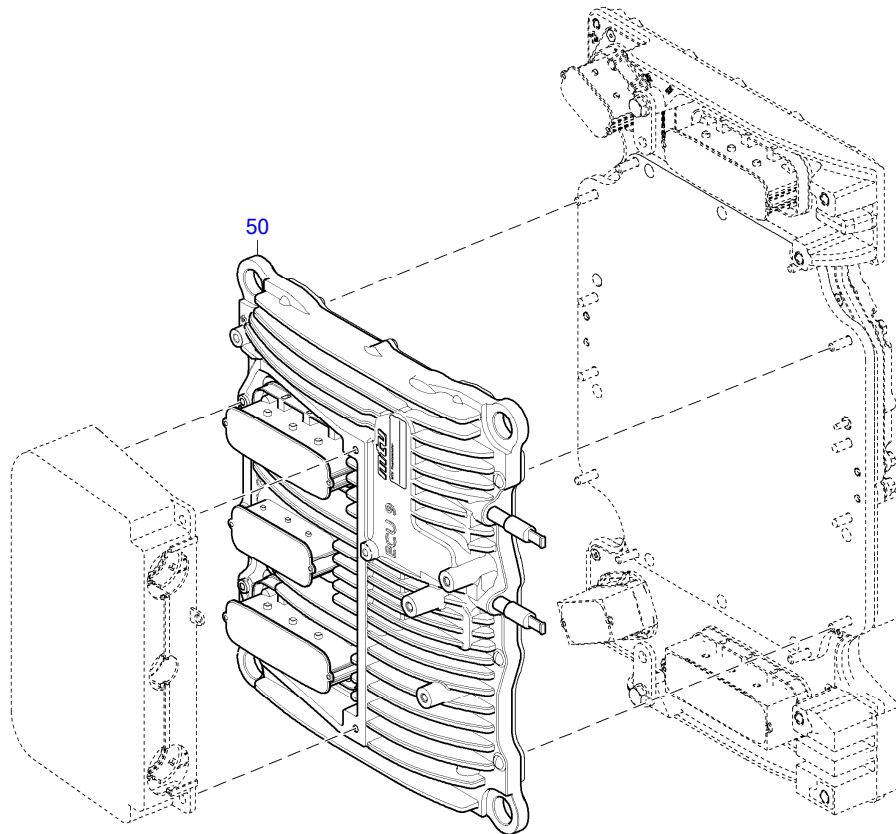
50704817

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT
	40	B00E50203891	GASKET FOR CONNECTOR	ECU	1	PC	10 g	46 POLIG
	50	B00E50203893	GASKET FOR CONNECTOR	ECU	1	PC	10 g	92 POLIG



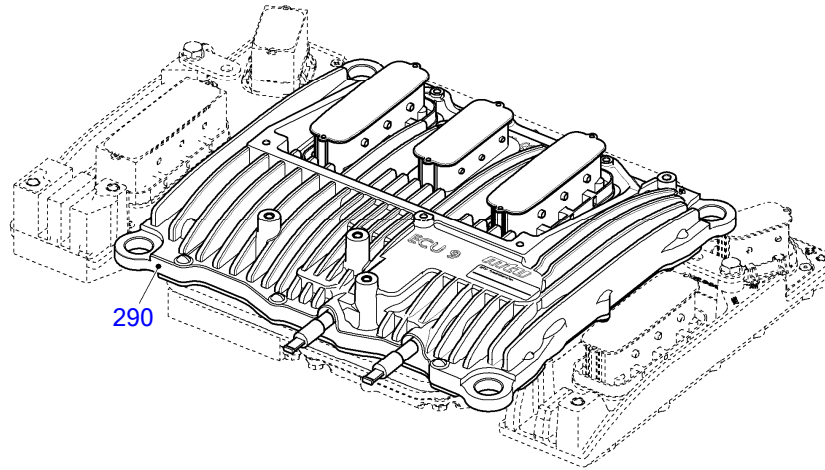
50704899

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	50	X00E50209520	CABLE CLAMP BOTTOM	EXU	1	PC	80 g		
	60	210642006005	COUNTERSUNK HD SCREW W. INTERNAL HEX.		2	PC	7,2 g	M 6 X 35	ISO10642
	70	X00E50209519	CABLE CLAMP TOP	EXU	1	PC	0,084 kg		
	80	204762005003	SCREW		2	PC	6,2 g	M 5 X 35	ISO4762
	90	B00E50205100	FRAME FOR COVER	EXU	1	PC	500 g		
	100	000000001321	SCREW		4	PC	3,6 g	M 5 X 16	DIN912
	110	X00E50209416	HOOD FOR ENGINE GOVERNOR	EXU1-01	1	PC	1,3 kg		



50801294

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN
240	50	X00E50210472	GOVERNOR	ECU9-05	1	PC	5,34 kg	EM



TD0000029928_508

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT
	290	X00E50210472/76	GOVERNOR NOT ADJUSTED	ECU9-05	1	PC	5,327 kg	ECU9-05/ FUER ET-LIEFERUNG

EQUI TYPE: Engine

PRODUCT TYPE: 16V4000C65
loose accessories

SERIAL NUMBER: 5482000021
FG/FGS: ZZ

GROUP NUMBER (FG)

GROUP NAME

BOM-No.

INSTRUCTION F/ENG COOLNT PREHEA
XS547200.00227

VEHICLE CABLING FOR ELECTRONICS
XS547500.00132

GOVERNOR CONFIG FROM APPLICATION
XS547540.00237

STD. GOVERNOR CONFIG FROM DEVELOPMENT
XS548540.00081