

SPARE PART CATALOG

8V2000M41A/531101840



Power. Passion. Partnership.

Printed in Germany

© 2017 Copyright MTU Friedrichshafen GmbH

This Publication is protected by copyright and may not be used in any way whether in whole or in part without the prior written permission of MTU Friedrichshafen GmbH. This restriction also applies to copyright, distribution, translation, microfilming and storage or processing on electronic systems including data bases and online services.

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 04-07-2017**

Preface

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

The individual components were taken from the assembly list.

Amendments service

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

Catalog structure

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


Catalog pages

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

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

Table columns

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

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

Key to the footnotes (column "FN")

- AB** Only available complete. Repair by manufacturer only.
- AC** Not scheduled as a spare part. Availability must be checked.
- ACN** Not scheduled as a spare part. Availability must be checked. Component only available complete.
- EM** Emission-relevant parts.
- EMN** Emission-relevant parts. Component only available complete.
- KD** Group balancing required.
- KE** Individual part; not scheduled as a spare part.
- KF** Calibrated spare part.
- KFN** Calibrated spare part. Component only available complete.
- M** Spares-related components or parts with different repair sizes.
Dimensions are listed in the Tolerances and Wear Limits List.
- MN** Spares-related components or parts with different repair sizes. Components only available complete.
- MUB** Spares-related components or parts with different repair sizes. Available only as complete set.
- NN** Component is not broken down into further sub-components.
- P** List of bought-in components.
- SB** Group of parts which are welded or brazed together
- UA** Indicate dimensions when ordering
- UB** Only supplied complete or as a complete set.

Ordering procedure

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

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

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

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

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

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

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

If the calibration No. is not known):

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

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

The Device Description Code is found on the nameplate at the part's installation location, or in the corresponding wiring diagram.

When ordering a non-calibrated adjustable part (marked by "KF", "KFN" in the "FN" column) which should not be calibrated by the factory:

Add extension "/76" to the part number (e.g.: 5005362810/76)

Phone orders should be confirmed in writing to prevent errors.

Ordering Example

Product Type	Serial No.	FG/FGS	Pos	Part number	Designation	Qty.	Page
16V4000R41	527101836	031 88	5	5270300701	Crankshaft	1	33
		083 05	5	0020922801	Fuel filter spin-on	1	92
Blue Line	V4000M Waterjet	517 00	75	5185301593	Control console	1	53

Factory repairs

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

Exchange components (Reman)

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

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

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

Exchange procedure

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

Further information upon request.

Emission regulations and emission labels

Responsibility for compliance with emission regulations

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

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

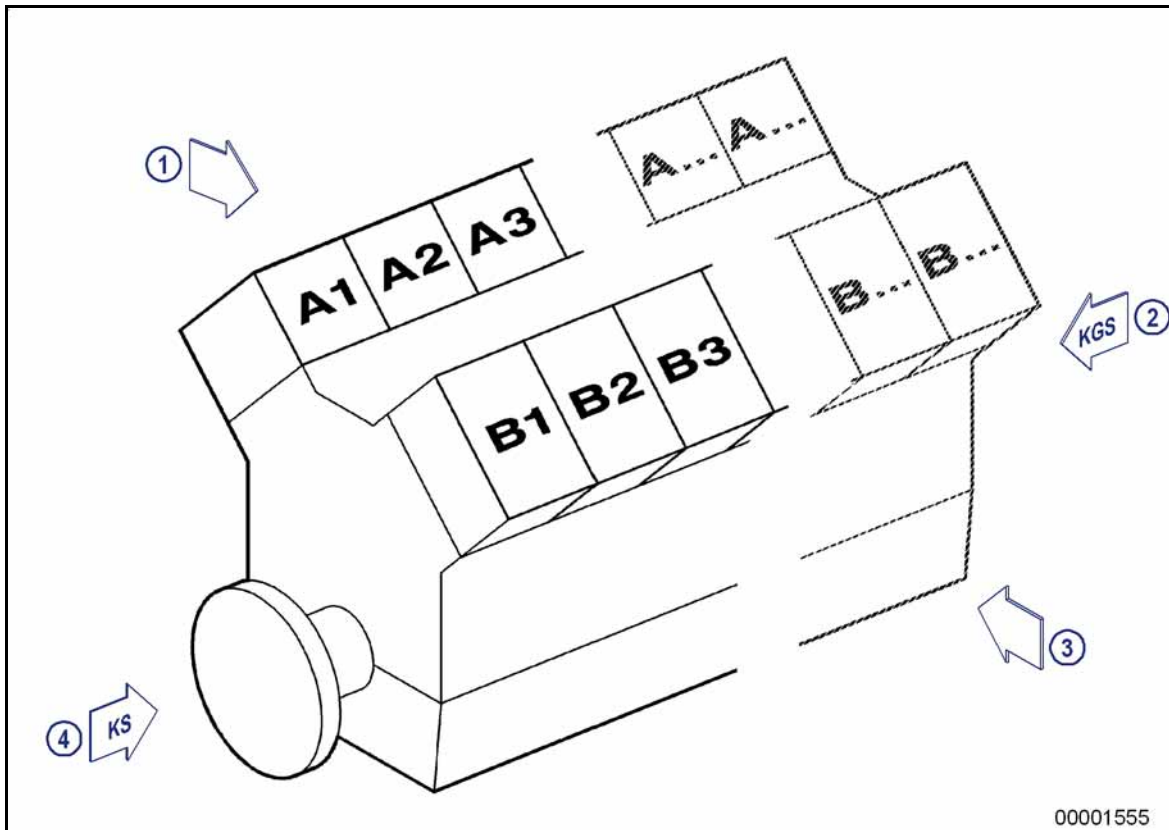
Replacing components with emission labels

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

Please note the following when replacing components with emission labels:

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

Engine side and cylinder designations



- | | |
|---|---|
| 1 Left engine side (A-side) | 3 Right engine side (B-side) |
| 2 Engine free end in accordance with
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).

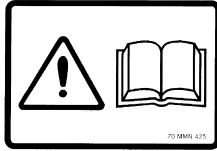
FG FG DESIGNATION

- 004 LABELS AND AUXILIARY MATERIALS
- 011 CRANKCASE
- 014 OIL PAN
- 015 ENGINE MOUNTING
- 016 END HOUSING, DRIVING END AND FREE END
- 018 CRANKCASE BREATHER
- 024 GEARCASE, AUX PTO END
- 028 BELT DRIVE
- 031 CRANKSHAFT WITH BEARINGS
- 032 CRANKSHAFT, PTO ON DRIVING END
- 035 CRANKSHAFT, PTO ON AUX PTO END
- 037 PISTON
- 038 CONNECTING ROD
- 041 CYLINDER HEAD
- 051 CAMSHAFT
- 055 VALVE DRIVE
- 073 INJECTION PUMP / HP PUMP
- 080 L.P. FUEL SYSTEM; (ALSO GAS ENGINES)
- 081 FUEL PIPEWORK BEFORE DELIVERY PUMP
- 083 FUEL FILTER
- 101 EXHAUST TURBOCHARGER, GENERAL OR H.P. TURBOCHARGER
- 114 CHARGE AIR COOLING, CENTRAL
- 121 AIR FILTER
- 123 AIR SYSTEM
- 124 AIR SUPPLY TO CYLINDERS
- 142 CONSTANT-PRESSURE EXHAUST MANIFOLD
- 146 EXHAUST DUCTING AFTER ENGINE (TO END OF EXH. AFTERTREATMENT)
- 147 EXHAUST SYSTEM INSULATION AFTER ENGINE (TO END OF EXH. AFTER
- 172 ELECTRIC STARTING
- 181 LUBE OIL PUMP AND DRIVE
- 182 ADDITIONAL EQUIPMENT FOR DRY SUMP LUBRICATION
- 183 OIL FILTRATION/COOLING
- 188 CONNECTING HARDWARE FOR ENGINE OIL SUPPLY
- 202 COOLANT CIRCUIT, GENERAL, HT CIRCUIT
- 204 HEAT EXCHANGER PLATES
- 205 COOLANT COOLER ATTACHING H/WARE
- 207 RAW WATER PUMP WITH CONNECTIONS
- 213 GENERATOR
- 231 ENGINE MOUNTING
- 293 OIL PUMP
- 500 MONITORING AND CONTROL SYSTEM, GENERAL ELECTRICAL EQUIPMENT
- 507 WIRING, GENERAL, FOR ENGINE/GEARBOX/PLANT
- 508 ACCESSORIES FOR ENGINE GOVERNOR (ELECTRONIC) CONTROL SYSTEM

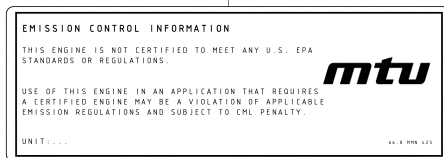
GROUP SEGMENT (FGS)

GROUP NAME

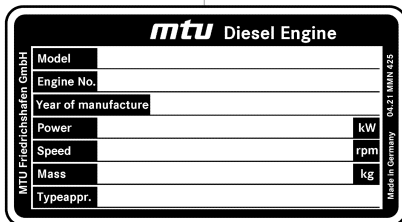
BOM-No.

05
PLATE
000.00899

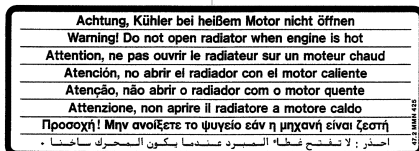
0040053a

05
EMI-INFORMATION TAG
XS524000.00019

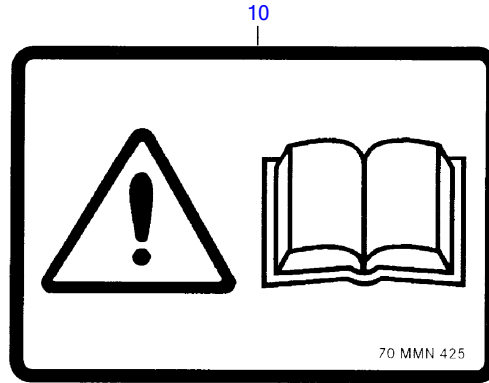
00400106a

05
NAMEPLATE ENGLISH
XS524000.00097

00400160

05
PLACARD F. COOLANT EXP.TANK
XS535000.00081

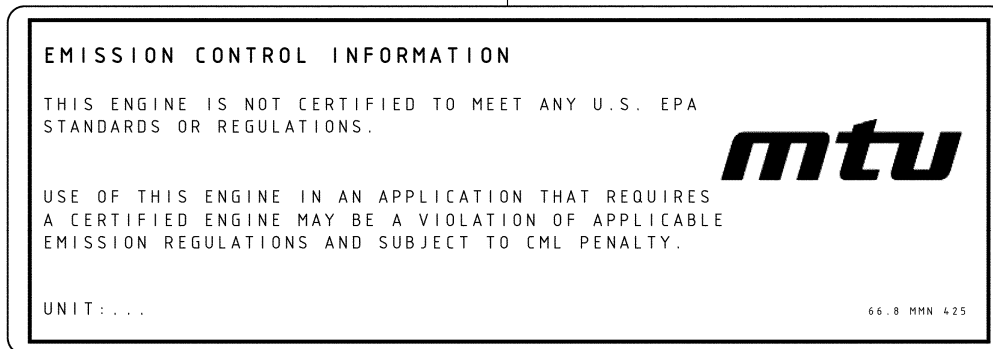
00400198



00400053a

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	700425000155	PLATE	1	PC	1.500 g	70	MMN425

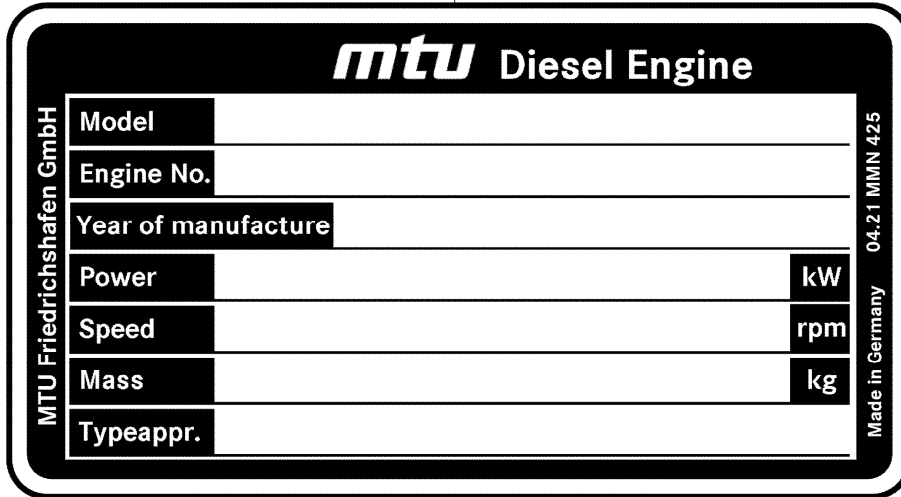
100



00400106a

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

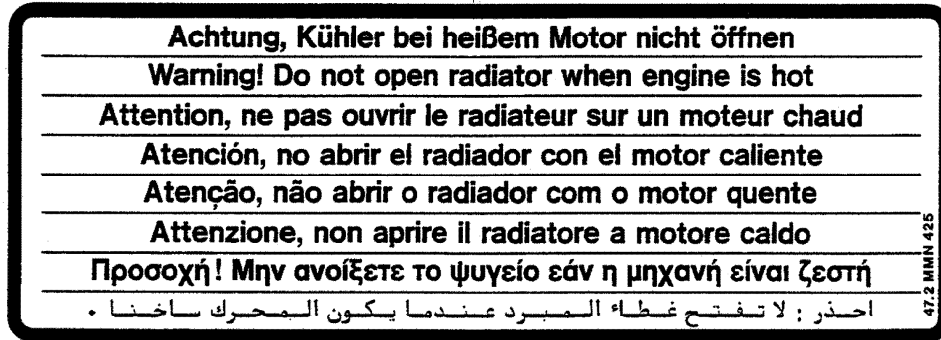
20



00400160

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	20	700425000219	NAMEPLATE FOR DIESEL ENGINE	1	PC	6.700 g	EM	04.21	MMN425

50



00400198

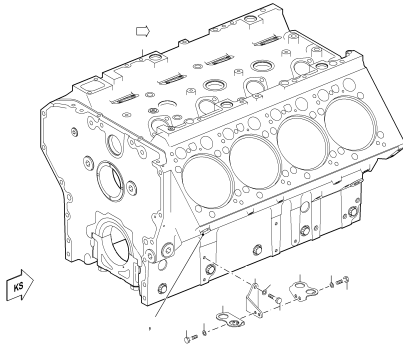
☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	50	700425000112	PLATE	1	PC	2.200 g	47.2	MMN425

GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.

05
CRANKCASE FOR 8V
XS531010.00002



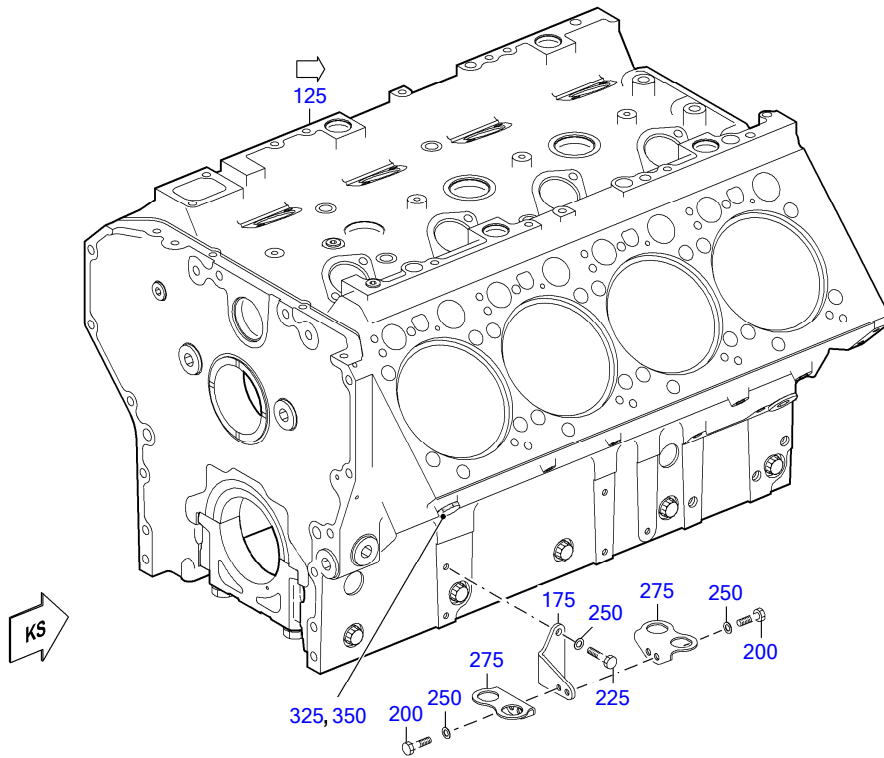
01101692

EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
CRANKCASE FOR 8V

SERIAL NUMBER: 531101840

FG/FGS: 011 05
BOM-No.: XS531010.00002



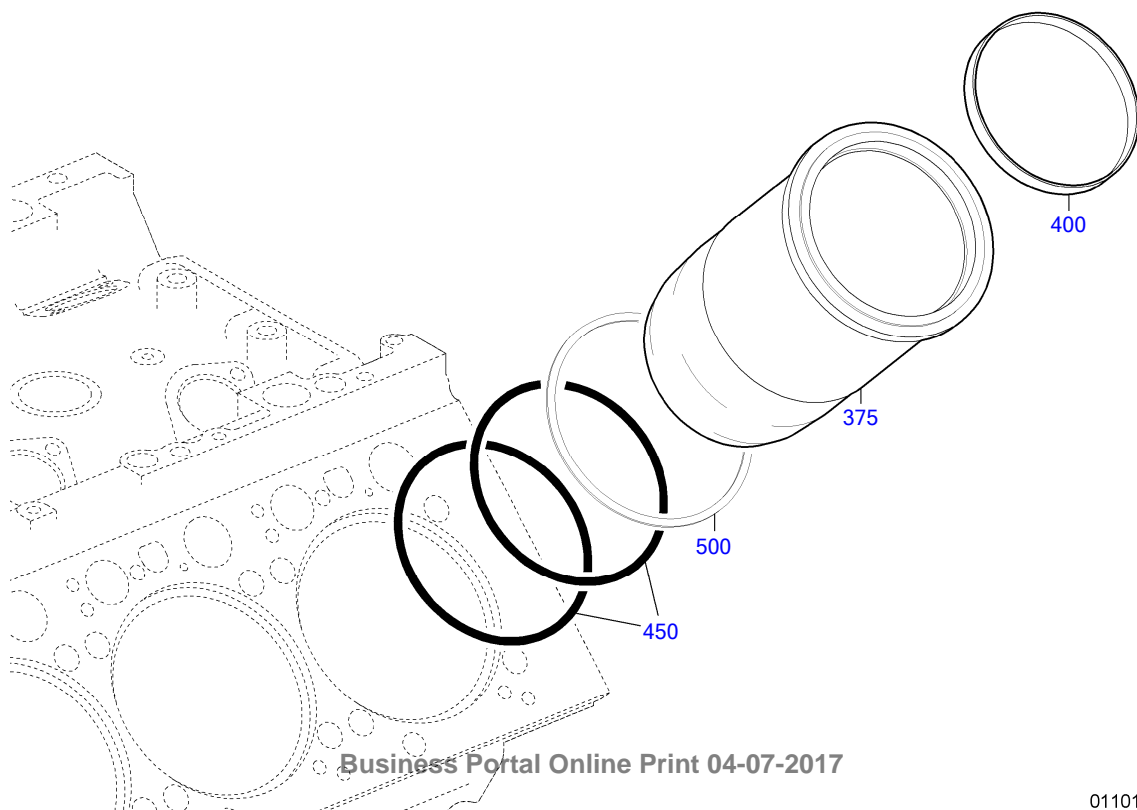
01101692

EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
CRANKCASE FOR 8V

SERIAL NUMBER: 531101840

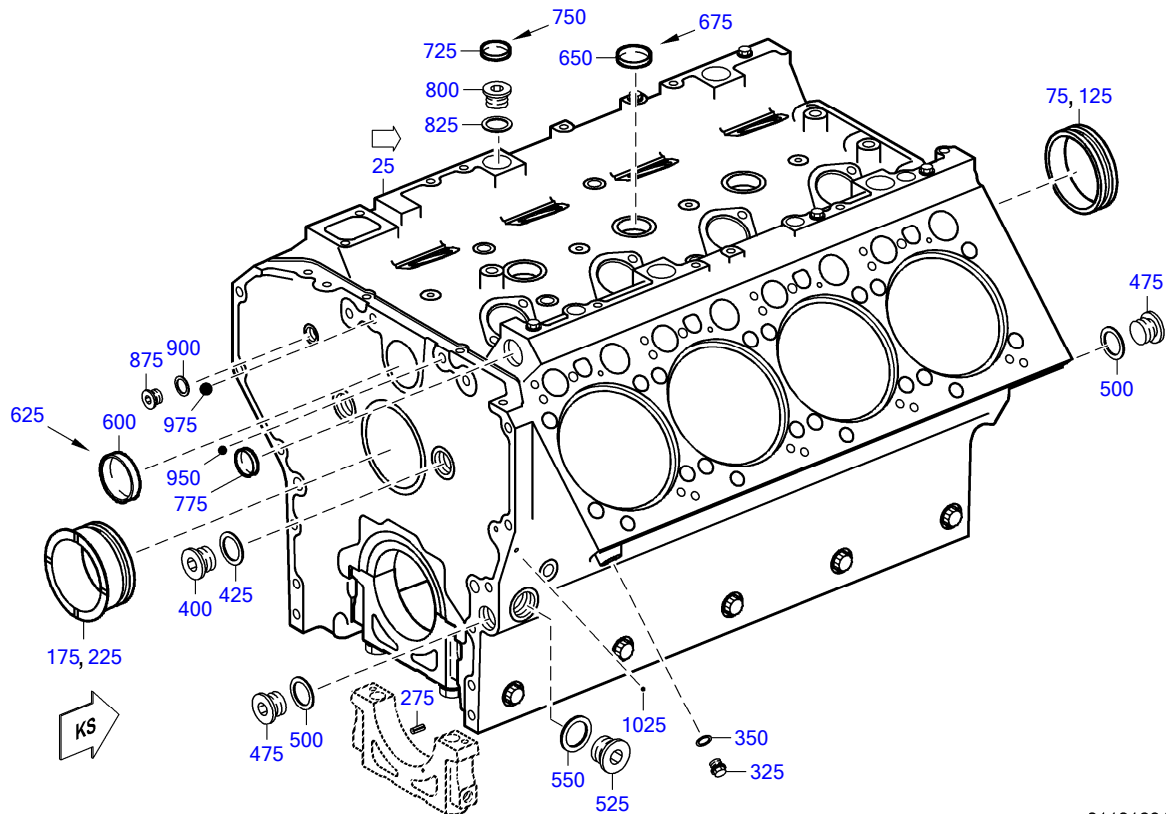
FG/FGS: 011 05
BOM-No.: XS531010.00002



Business Portal Online Print 04-07-2017

01101693

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
12	125	X53101100001	CRANKCASE WITH CAMSHAFT BRNG	8V2000M01 PLD	1	PC	380.000 kg	EM		
	175	5315460543	RETAINER	8V2000M90	1	PC	180.000 g			
	200	304017008077	HEX SCREW		2	PC	10.500 g		M 8 X 16	ISO4017
	225	304017008076	HEX SCREW		2	PC	9.100 g		M 8 X 12	ISO4017
	250	000125008427	WASHER		4	PC	1.500 g		A 8,4	DIN125
	275	5315460443	BRACKET H:41 S2000/S4000	8V2000M90	1	PC	65.000 g			
	325	000908014001	SCREW PLUG		3	PC	0.016 kg		M 14 X 1,5	DIN908
	350	007603014102	COPPER SEALING RING		3	PC	1.000 g		A 14 X 18	DIN7603
	375	X53101300001	CYLINDER LINER SIZE 0		8	PC	8.200 kg	EM		
	400	5360110359	RING SCRAPER		8	PC	90.000 g	EM		
	450	0229974948	RING SEAL LINER LOWER		16	PC	31.000 g			
	500	5410110059	SEALING RING		8	PC	3.200 g			



01101691

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	13	25	X53101100002	CRANKCASE	8V2000MPLD	1	PC	395.000 kg	EM	
		75	5310511410	CAMSHAFT BEARING SIZE 0-0	BR2000	4	PC	150.800 g		
		125	5310511510	CAMSHAFT BEARING SIZE 1-0	BR2000	1	PC	165.000 g	M	
		175	5310511110	CAMSHAFT BEARING SIZE 0-0	BR2000	1	PC	388.700 g		
		225	5310511210	CAMSHAFT BEARING SIZE 1-0	BR2000	1	PC	425.000 g	M	
		275	001474004018	PIN GROOVED		2	PC	1.000 g	4 X 10	DIN1474
		325	007604014102	PLUG		2	PC	0.024 kg	A M 14 X 1,5	DIN7604
		350	007603014106	WASHER A COP		2	PC	1.700 g	A 14 X 20	DIN7603
		400	5419970032	PLUG	8V2000	2	PC	66.400 g	M30 X 1,5	
		425	007603030101	COPPER SEALING RING		2	PC	4.300 g	A 30 X 36	DIN7603
		475	5419970032	PLUG	8V2000	3	PC	66.400 g	M30 X 1,5	
		500	007603030101	COPPER SEALING RING		3	PC	4.300 g	A 30 X 36	DIN7603
		525	000908033000	PLUG		1	PC	0.120 kg	M 33 X 2	DIN908
		550	007603033100	WASHER A33X39 COP METALLIC		1	PC	4.600 g	A 33 X 39	DIN7603
		600	0009975720	PLUG		1	PC	63.000 g		
		625	40083	SCREW LOCKING DEVICE LOCTITE 270		1	PC	80.400 g	1 KAR = 12 ST À 50 ML	MMN377A
		650	0009974320	PLUG CUP 40MM DIA		3	PC	23.900 g	SIEHE MB TAB 0009975520	
		675	40083	SCREW LOCKING DEVICE LOCTITE 270		1	PC	80.400 g	1 KAR = 12 ST À 50 ML	MMN377A
		725	4039970420	PLUG CUP		5	PC	17.300 g	34,2MM	
		750	40083	SCREW LOCKING DEVICE LOCTITE 270		1	PC	80.400 g	1 KAR = 12 ST À 50 ML	MMN377A
		775	4039970920	COVER REPAIR SIZE		1	PC	22.000 g	M	
		800	0009973532	PLUG		4	PC	56.600 g		
		825	007603026104	COPPER SEALING RING		4	PC	3.100 g	A 26 X 31	DIN7603
		875	4030110026	PLUG THD SQUIRTER		1	PC	28.900 g		
		900	007603018101	COPPER SEALING RING		1	PC	1.300 g	A 18 X 22	DIN7603

EQUI TYPE: Engine

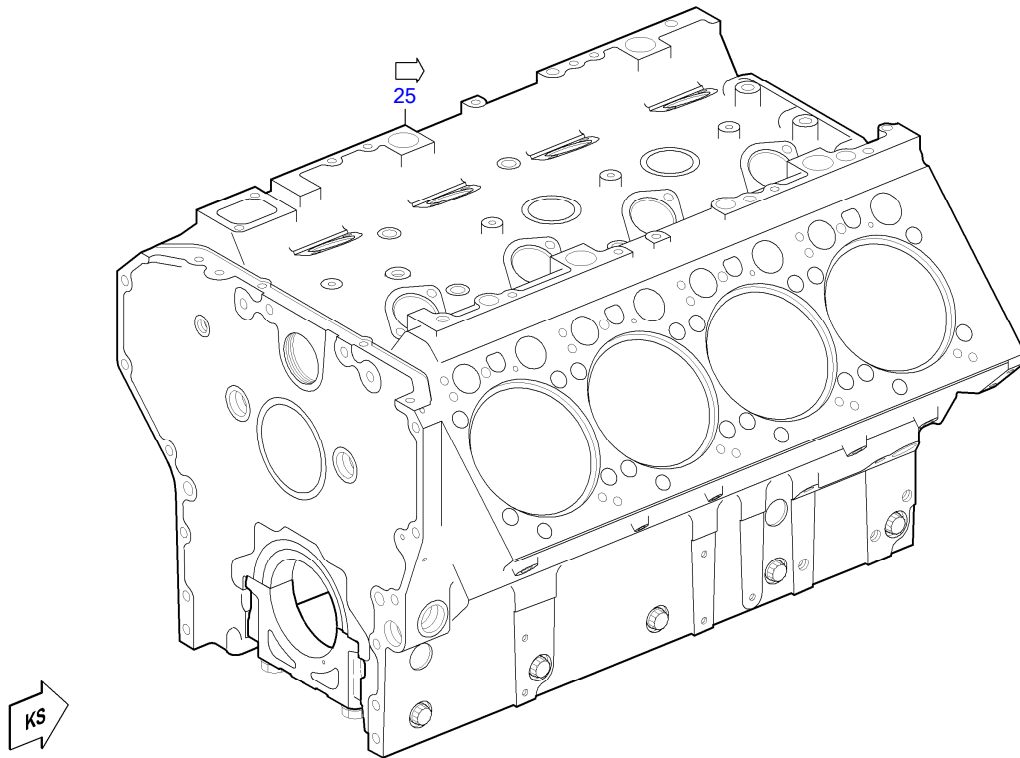
PRODUCT TYPE: 8V2000M41A
CRANKCASE WITH CAMSHAFT BRNG

SERIAL NUMBER: 531101840


FG/FGS:

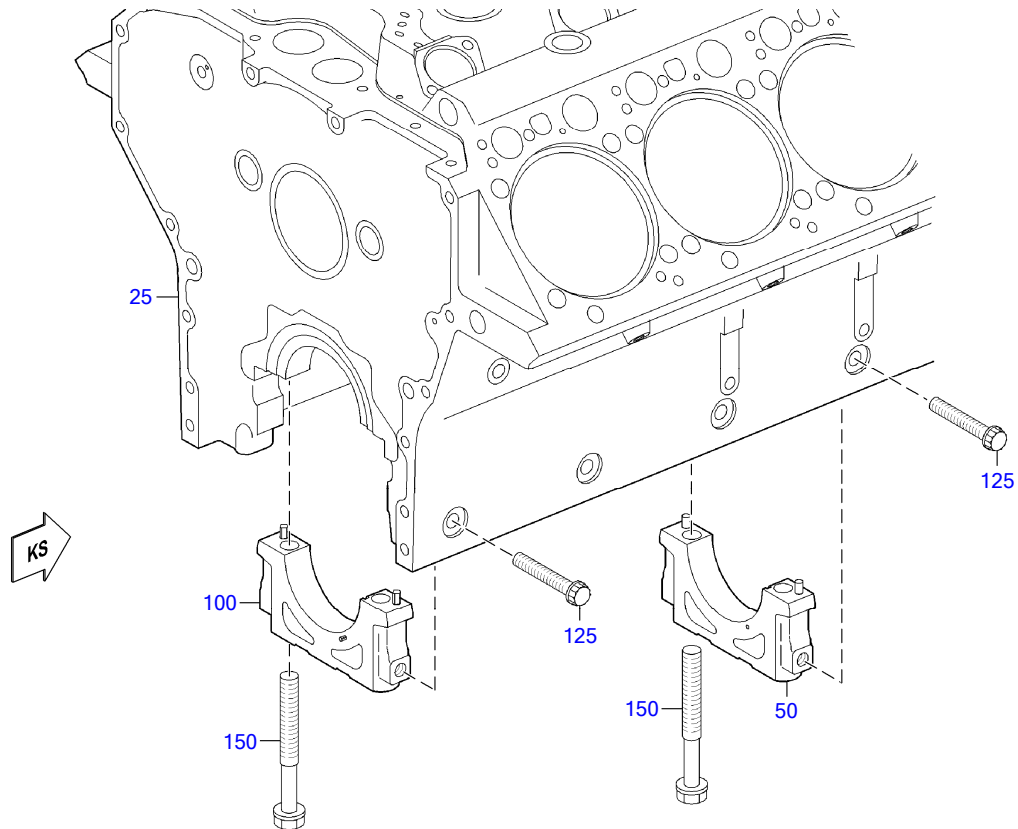
BOM-No.: X53101100001

<input type="checkbox"/>	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	950	005401999023	BALL		4	PC	4.500 g		10,319G20	DIN5401
	975	005401999031	BALL		4	PC	11.900 g		14,288G20	DIN5401
	1025	005401999012	BALL		1	PC	1.100 g		6,35G20P2	DIN5401



01101694

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN
14	25	X53101100003	CRANKCASE	8V2000M01 PLD	1	PC	374.200 kg	EM



01101695

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT
	25	X53101100004	CRANKCASE		1	PC		
	50	5410100423	CAP MAIN BEARING	BR2000	4	PC	2.563 kg	
	100	5410100523	M/BRG CAP	BR2000	1	PC	2.520 kg	
	125	5419900101	BOLT MAIN BRG CAP CROSS 10.9		10	PC	115.300 g	M14 X 1,5 X 85
	150	5410110171	HEX SCREW		10	PC	380.000 g	M18 X 2 X 173

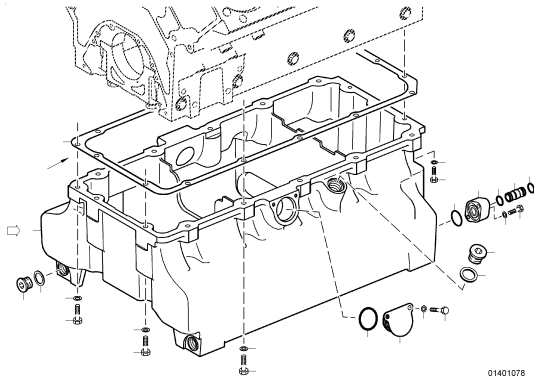
OIL PAN

FG/FGS: 014

GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.



05
OIL PAN
010.00080

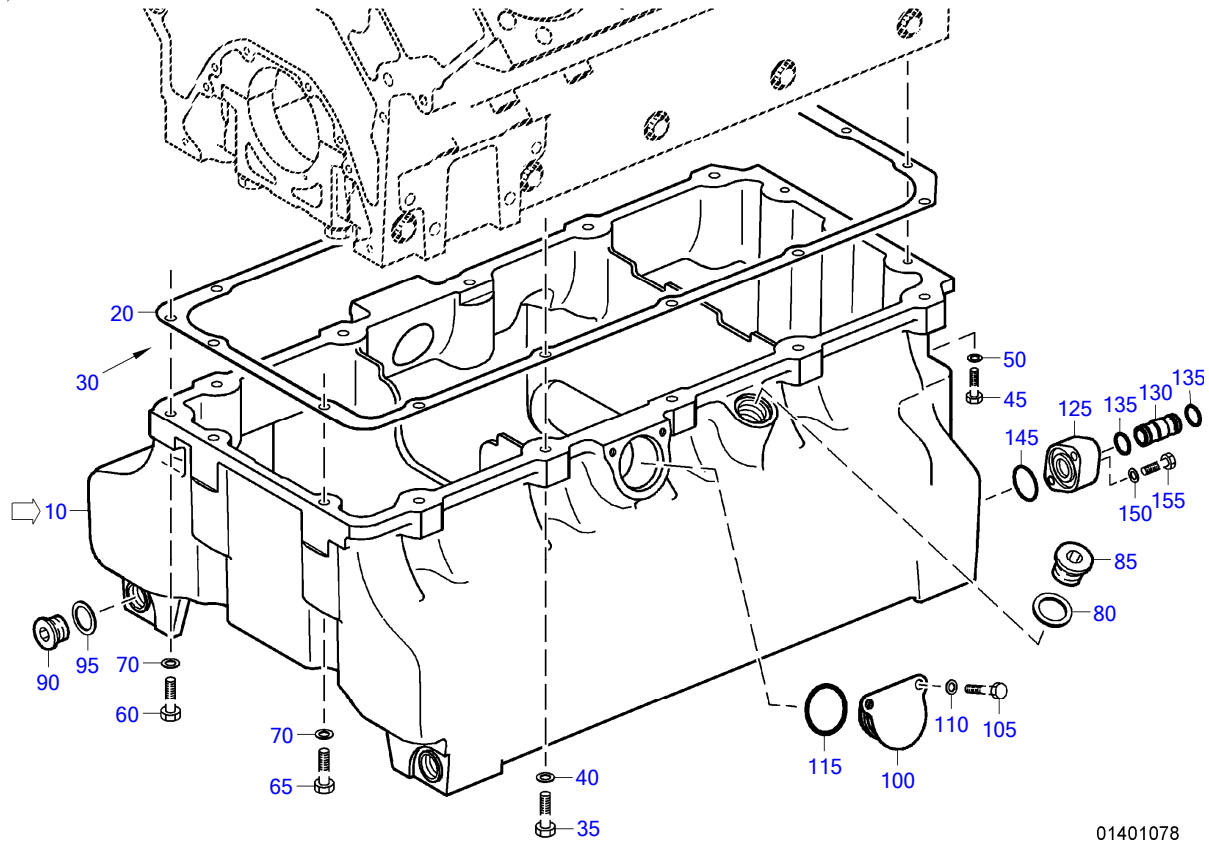
EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
OIL PAN

SERIAL NUMBER: 531101840

FG/FGS: 014 05

BOM-No.: 010.00080



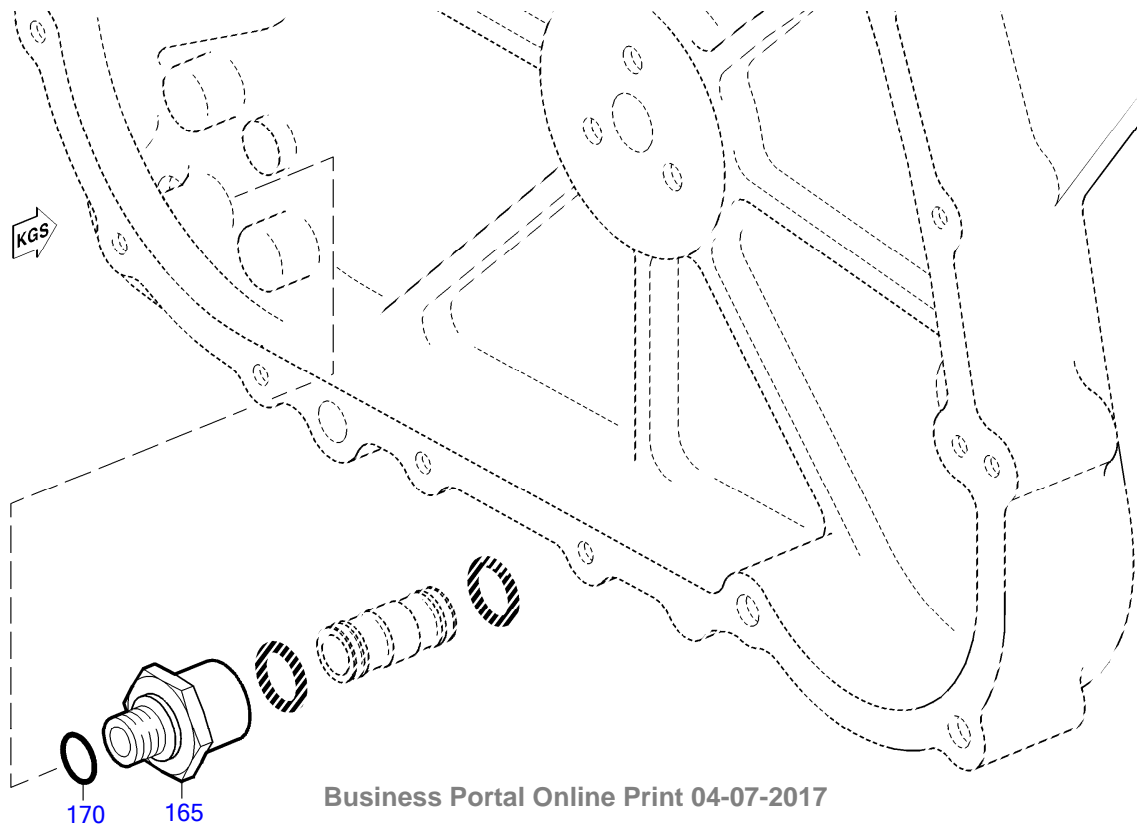
EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
OIL PAN

SERIAL NUMBER: 531101840

FG/FGS: 014 05

BOM-No.: 010.00080



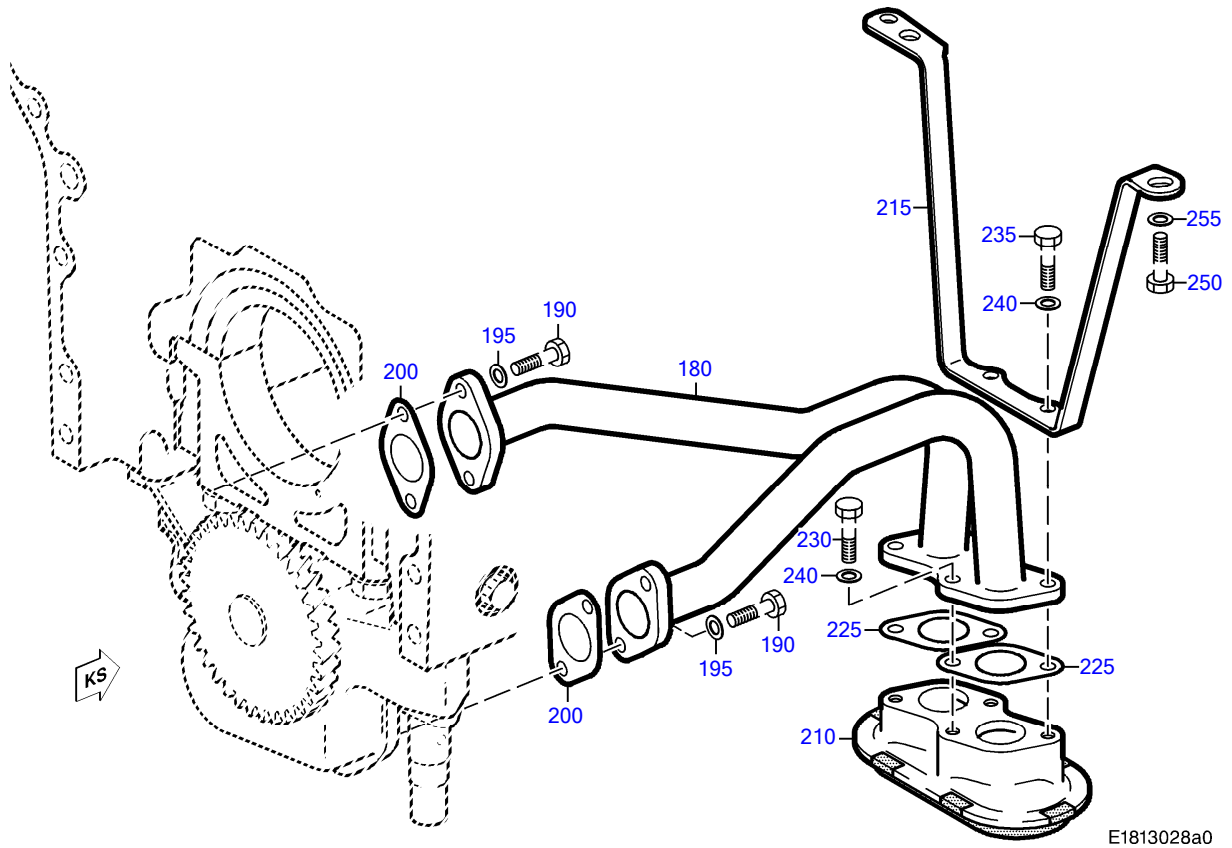
EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
OIL PAN

SERIAL NUMBER: 531101840

FG/FGS: 014 05

BOM-No.: 010.00080



E1813028a0

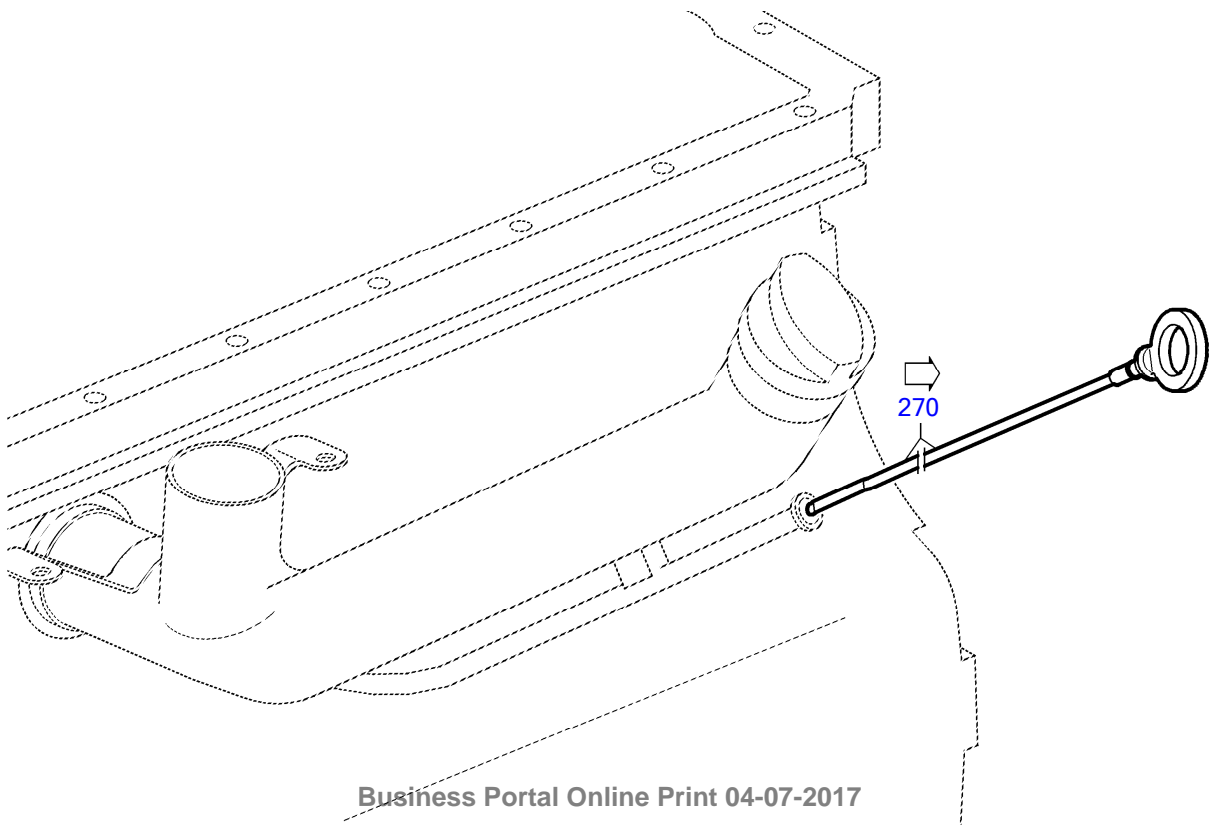
EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
OIL PAN

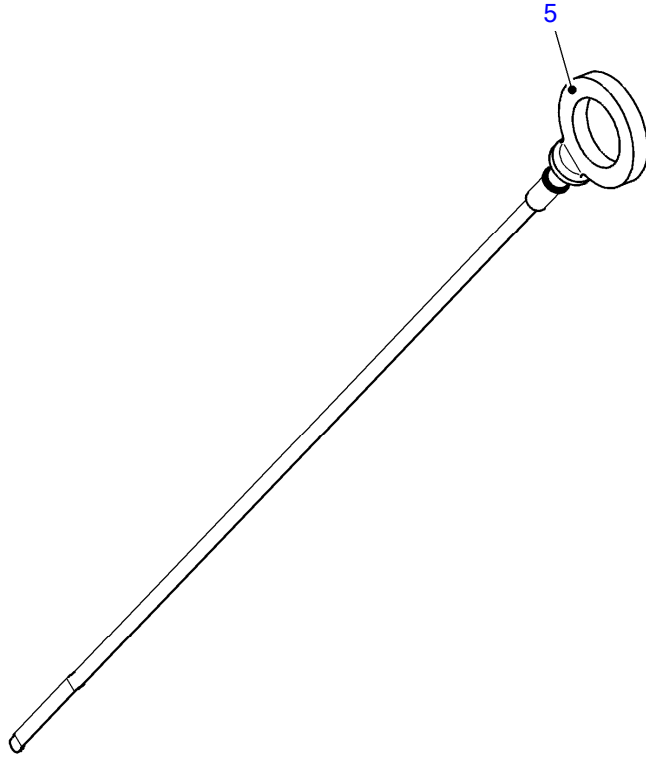
SERIAL NUMBER: 531101840

FG/FGS: 014 05


BOM-No.: 010.00080

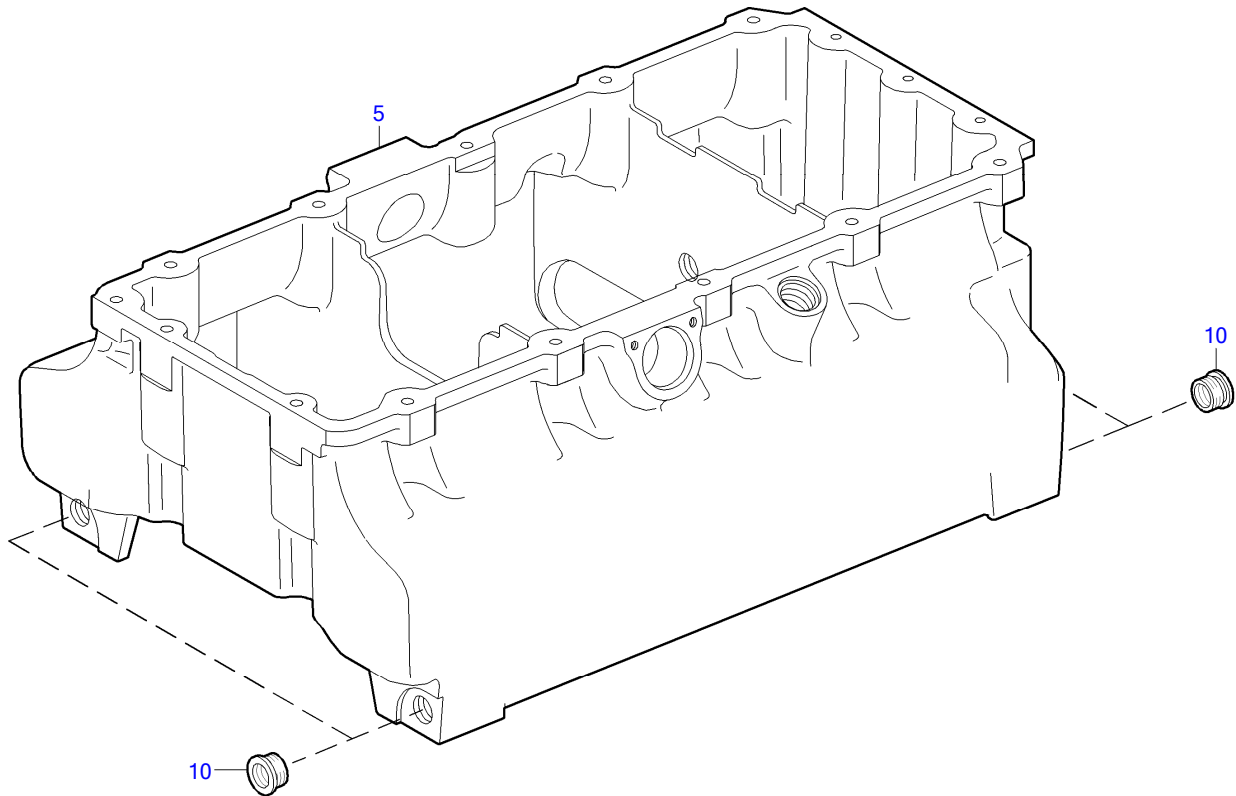


☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
18	10	5310100613	OIL PAN	8V2000M90	1	PC	37.250 kg		
	20	5420140022	GASKET		1	PC	107.700 g	EINTEILIG 1,5 MM	
	30	50592	LOCTITE 518	300 ML / 339 G	1	PC	400.000 g	LOCTITE 518	MMN377H
	35	000933010116	HEX SCREW		10	PC	34.000 g	M 10 X 45	DIN933
	40	000125010524	WASHER		10	PC	3.100 g	A 10,5	DIN125
	45	304017008086	HEX SCREW		3	PC	19.400 g	M 8 X 45	ISO4017
	50	000125008427	WASHER		3	PC	1.500 g	A 8,4	DIN125
	60	000933010095	HEX SCREW		1	PC	36.100 g	M 10 X 50	DIN933
	65	000931010281	HEX SCREW		2	PC	94.700 g	M 10 X145	DIN931
	70	000125010524	WASHER		3	PC	3.100 g	A 10,5	DIN125
	80	007603030101	COPPER SEALING RING		1	PC	4.300 g	A 30 X 36	DIN7603
	85	000908030002	THREAD PLUG		1	PC	0.085 kg	M 30 X 1,5	DIN908
	90	4039970032	PLUG		4	PC	77.400 g	M 26 X 1,5	
	95	007603026104	COPPER SEALING RING		4	PC	3.100 g	A 26 X 31	DIN7603
	100	5310100019	PLUG		1	PC	236.000 g		
	105	304017008077	HEX SCREW		2	PC	10.500 g	M 8 X 16	ISO4017
	110	000125008427	WASHER		2	PC	1.500 g	A 8,4	DIN125
	115	700429045000	O-RING		1	PC	6.800 g	45 X 5	MMN429
	125	5310140045	FLANGE	8V2000	1	PC	143.200 g		
	130	735078015003	PLUG-IN PIPE		1	PC	28.000 g	15 X 45	MTN5078-1
	135	700429018005	O-RING		2	PC	1.900 g	18 X 4	MMN429
	145	700429033001	O-RING		1	PC	5.100 g	33 X 5	MMN429
	150	000125008427	WASHER		2	PC	1.500 g	A 8,4	DIN125
	155	304017008085	HEX SCREW		2	PC	18.000 g	M 8 X 40	ISO4017
	165	5310140159	UNION	8V2000	1	PC	180.000 g		
	170	700294015003	O-RING		1	PC	0.200 g	15 X 2	MMN294
	180	5311800352	OIL SUCTION LINE	8V2000	1	PC	1.345 kg		
	190	304017008081	HEX SCREW		4	PC	13.400 g	M 8 X 25	ISO4017
	195	000125008427	WASHER		4	PC	1.500 g	A 8,4	DIN125
	200	917003036003	GASKET		2	PC	1.200 g	36 X 58 X 0,5	N17003
19	210	X53118400003	OIL STRAINER		1	PC	0.544 kg		
	215	5311810595	RETAINER	8V2000M	1	PC	332.200 g		
	225	917003036003	GASKET		2	PC	1.200 g	36 X 58 X 0,5	N17003
	230	304017008081	HEX SCREW		2	PC	13.400 g	M 8 X 25	ISO4017
	235	304017008083	HEX SCREW		2	PC	15.100 g	M 8 X 30	ISO4017
	240	000125008427	WASHER		4	PC	1.500 g	A 8,4	DIN125
	250	000961012011	HEX SCREW		2	PC	35.000 g	M 12 X 1,5 X 25	DIN961
	255	000125013012	WASHER		2	PC	5.600 g	A 13	DIN125
17	270	5310100472	OIL DIPSTICK		1	PC	31.000 g		



E0005382a0

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
	5	3520100074	OIL DIPSTICK	1	PC	75.000 g



01400789a

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT
	5	5310140502	OIL PAN	8V2000M90	1	PC	
	10	5559971216	THREADED BUSHING		4	PC	19.600 g


EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
OIL STRAINER

SERIAL NUMBER: 531101840

FG/FGS:

BOM-No.: X53118400003

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
20	10	X53118400001	OIL STRAINER	1	PC	0.381 kg		
	20	40083	SCREW LOCKING DEVICE LOCTITE 270	1	PC	80.400 g	1 KAR = 12 ST À 50 ML	MMN377A
	30	X53118400002	OIL STRAINER	1	PC	0.085 kg		
	40	304017006058	HEX SCREW	4	PC	4.400 g	M 6 X 12	ISO4017

EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
OIL STRAINER

SERIAL NUMBER: 531101840

FG/FGS:

BOM-No.: X53118400001

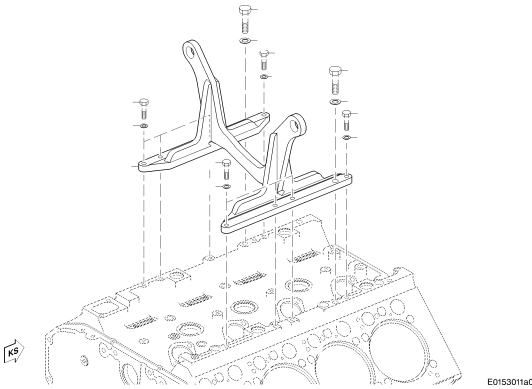
☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
	10	X53118400004	OIL STRAINER	1	PC	0.367 kg

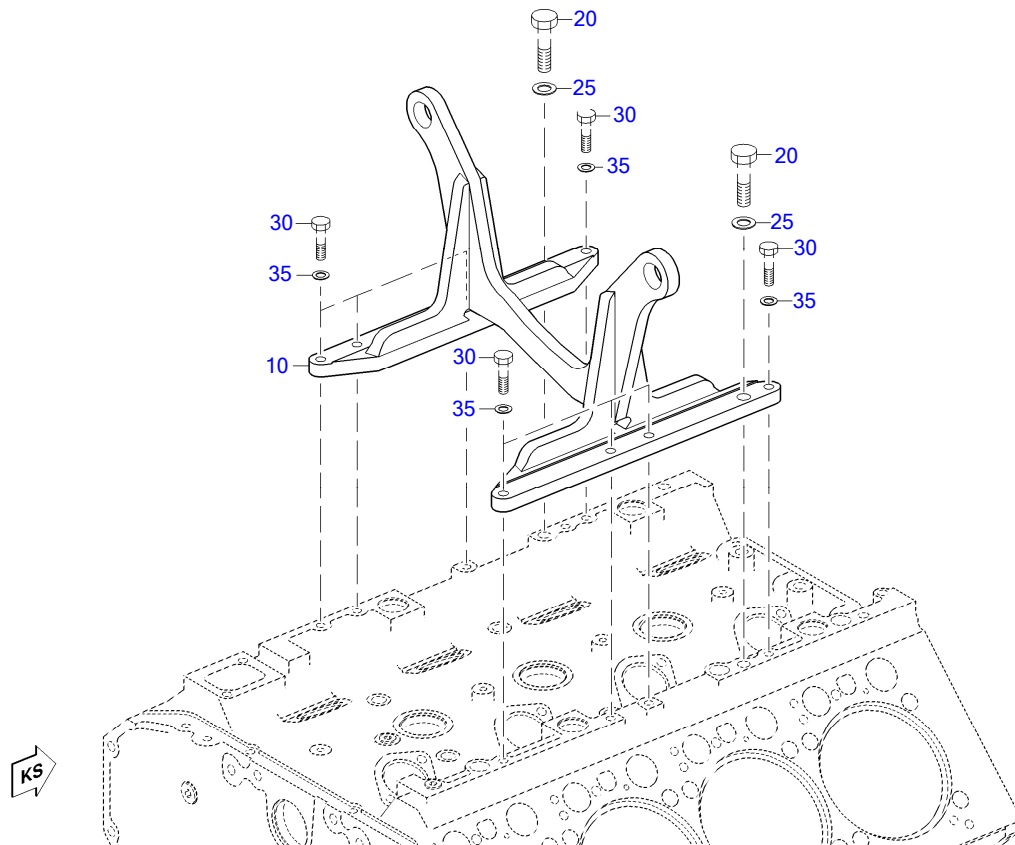
GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.

05
ENGINE MOUNTING
010.00081

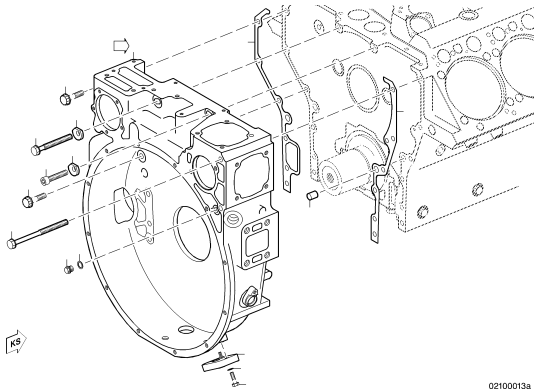




E0153011a0

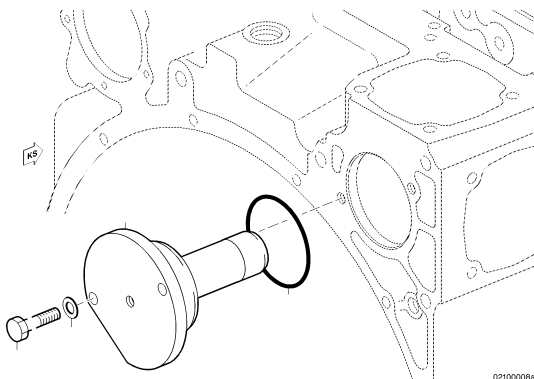
☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	5312200000	ENGINE MOUNTING	8V2000M90	1	PC	12.769 kg		
	20	000961014012	HEX SCREW		2	PC	67.000 g	M 14 X 1,5 X 40	DIN961
	25	000125015016	WASHER		2	PC	7.900 g	A 15	DIN125
	30	000933010093	HEX SCREW		8	PC	28.700 g	M 10 X 35	DIN933
	35	000125010524	WASHER		8	PC	3.100 g	A 10,5	DIN125

GROUP SEGMENT (FGS)
GROUP NAME
BOM-No.



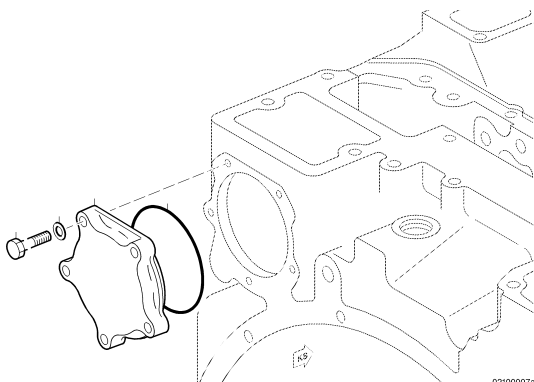
10
FLYWHEEL HOUSING
020.00036

02100013a



10
SEAL ELEM. FOR AUX PTO
360.00027

02100008a



10
SEAL ELEM. FOR AUX PTO
360.00028

02100007a

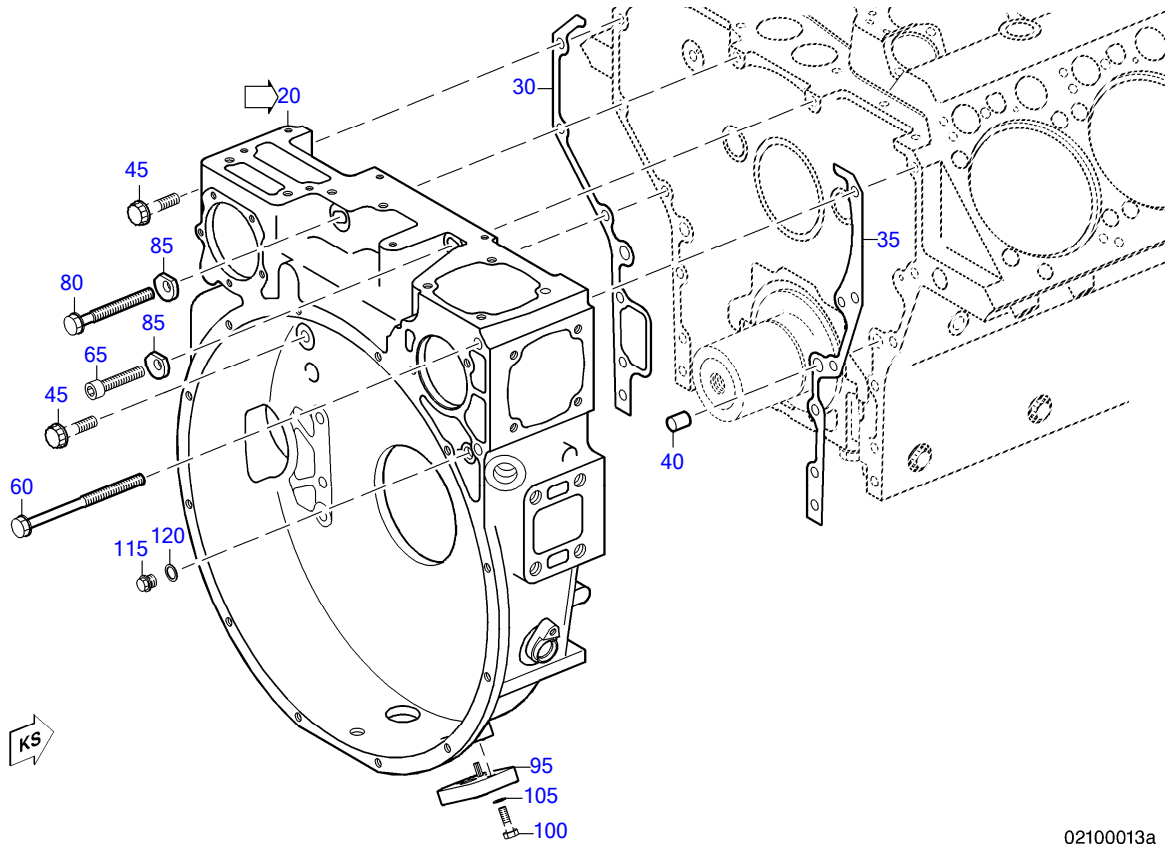
EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
FLYWHEEL HOUSING

SERIAL NUMBER: 531101840

FG/FGS: 016 10

BOM-No.: 020.00036



02100013a

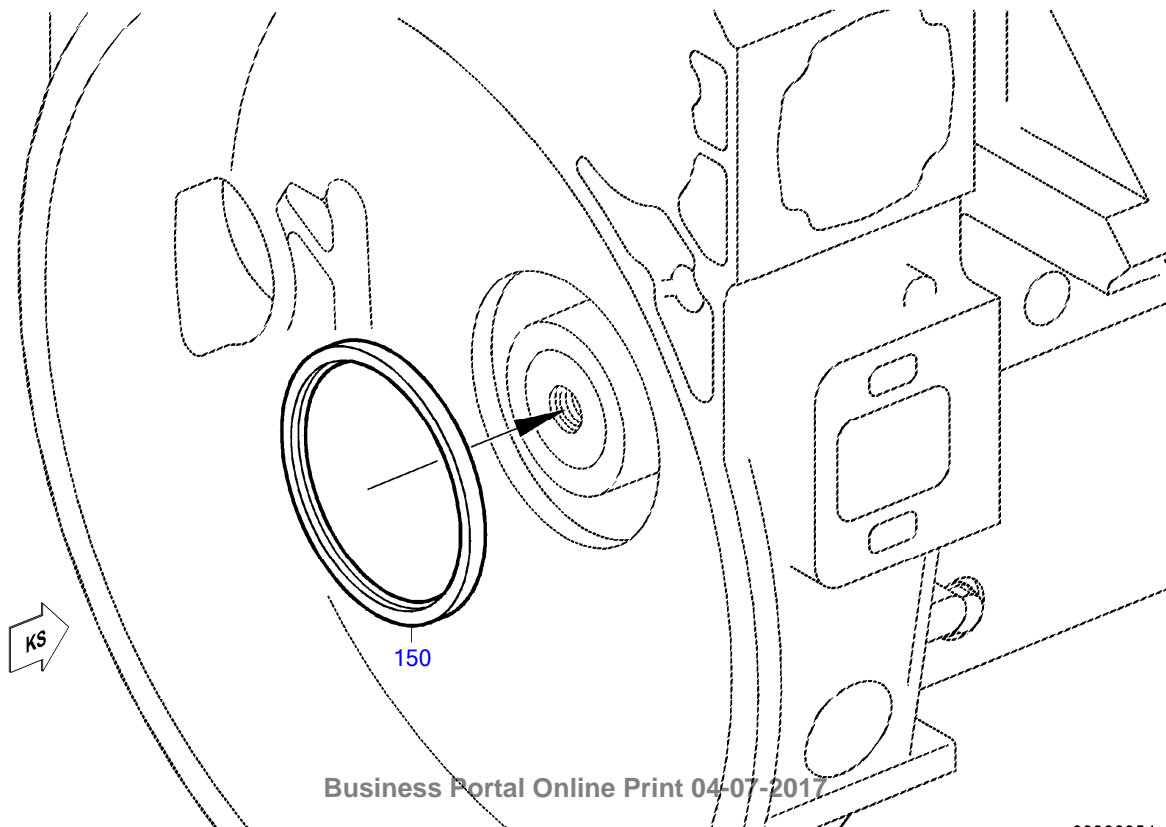
EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
FLYWHEEL HOUSING

SERIAL NUMBER: 531101840

FG/FGS: 016 10

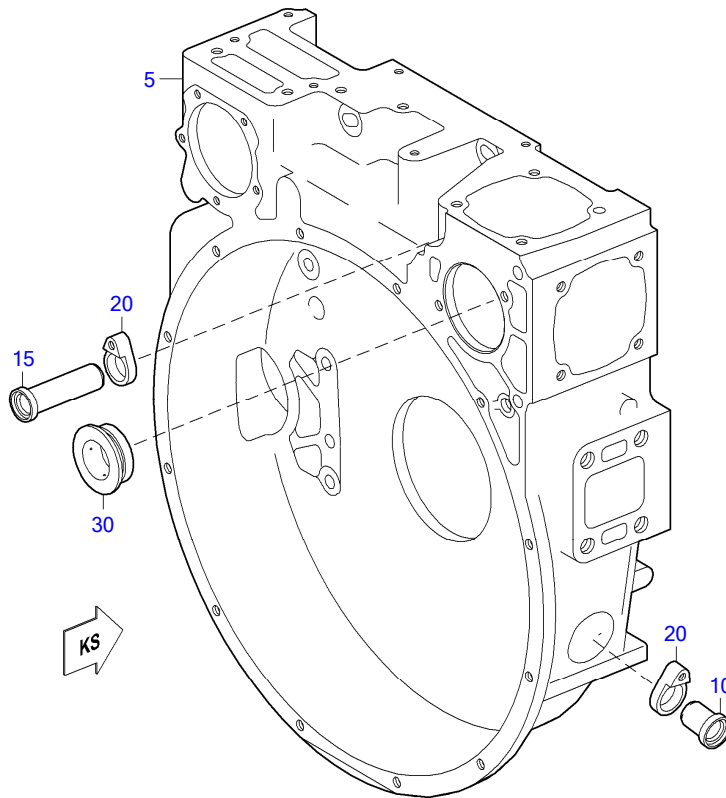
BOM-No.: 020.00036



Business Portal Online Print 04-07-2017

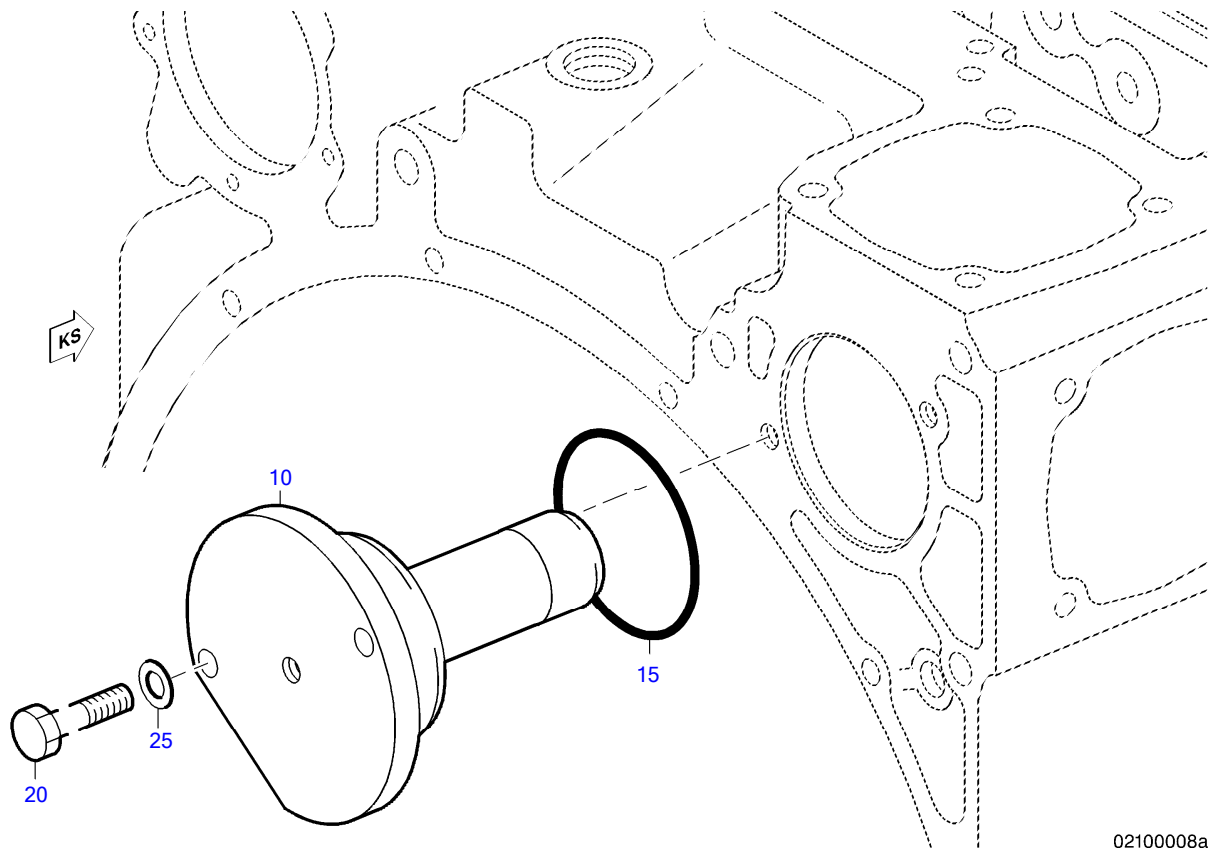
03200354

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
25	20	5310101137	F/W HOUSING	8V2000M	1	PC	42.000 kg	P	SAE 1	
	30	5410151280	GASKET LEFT		1	PC	26.000 g			
	35	5410151180	GASKET RIGHT		1	PC	27.300 g			
	40	000007016216	DOWEL PIN		2	PC	38.000 g		16 H8 X 20	DIN7
	45	4239900004	BOLT SPL FLG HD		10	PC	64.000 g		M12 X1,5 X 57	
	60	5419901104	BOLT HEX FLANGE	2000	2	PC	146.900 g		M12 X 1,5 X 167	
	65	000912012153	BOLT HEX SOC HD		1	PC	64.000 g		M 12 X 1,5 X 60	DIN912
	80	5419901204	BOLT HEX FLANGE	2000	1	PC	100.600 g		M12 X 1,5 X 105	
	85	5310140007	PLATE	12V 2000 M90	2	PC	40.000 g			
	95	X51150700001	RETAINER FOR SPEED SENSOR		1	PC	0.181 kg			
	100	304017008083	HEX SCREW		2	PC	15.100 g		M 8 X 30	ISO4017
	105	000125008427	WASHER		2	PC	1.500 g		A 8,4	DIN125
	115	000908014001	SCREW PLUG		1	PC	0.016 kg		M 14 X 1,5	DIN908
	120	007603014102	COPPER SEALING RING		1	PC	1.000 g		A 14 X 18	DIN7603
	150	0259975047	SHAFT SEAL		1	PC	87.400 g		115 X 140 X 12	



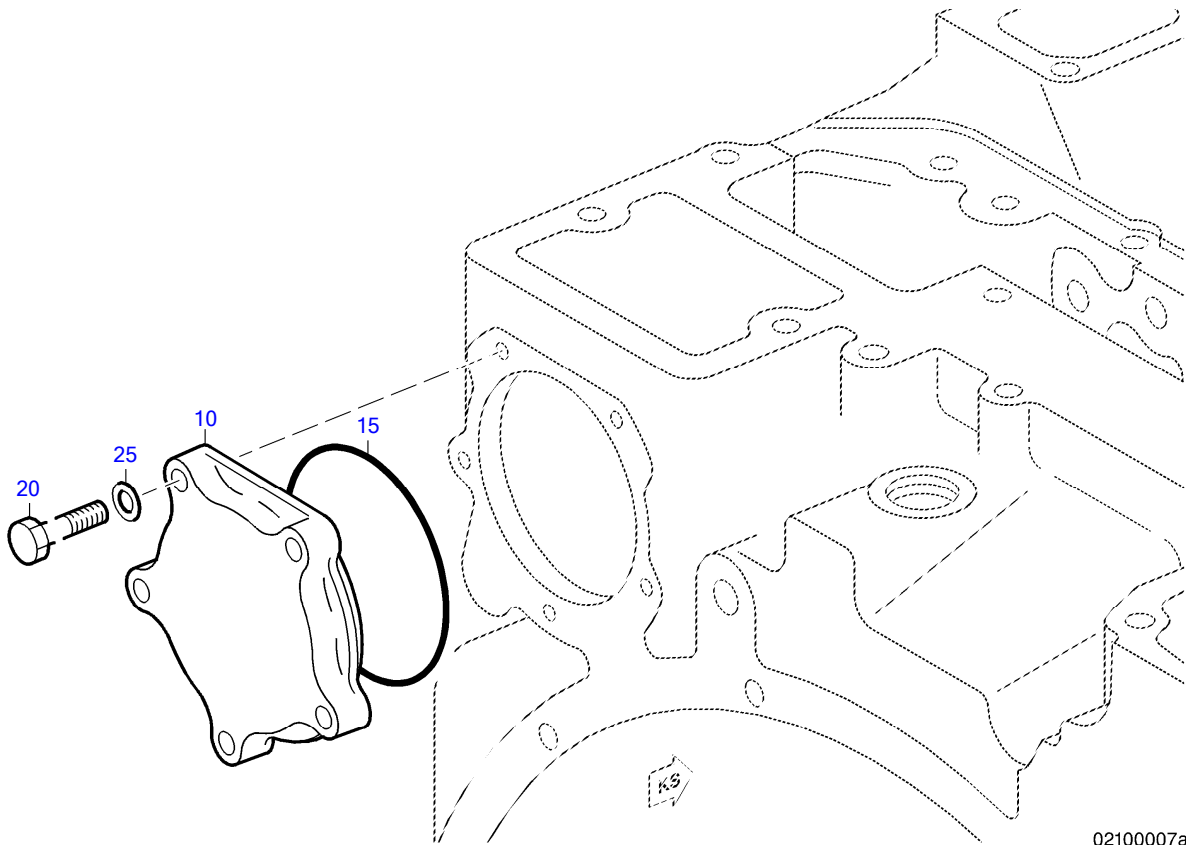
02100064

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT
	5	5310131010	HOUSING FLYWHEEL	8V2000M	1	PC	
	10	5310150249	SLEEVE	8V2000	1	PC	49.000 g
	15	5310150149	SLEEVE	8V2000	1	PC	127.000 g
	20	5310150045	FLANGE	8V2000	2	PC	44.600 g
	30	5411320145	FLANGE BEARING	8V2000	1	PC	70.000 g



02100008a

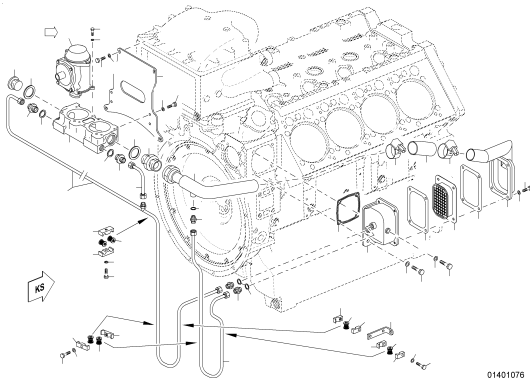
☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	5310130133	COVER	1	PC	1.100 kg		
	15	0149976148	SEALING RING	1	PC	2.300 g	78 X 3	
	20	000000001464	HEX SCREW	2	PC	24.900 g	M 10 X 30	ISO4017
	25	000125010524	WASHER	2	PC	3.100 g	A 10,5	DIN125



02100007a

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	4030150030	COVER	1	PC	174.700 g		
	15	0059971945	SEALING RING	1	PC	1.200 g	92 X 3	
	20	304017008083	HEX SCREW	5	PC	15.100 g	M 8 X 30	ISO4017
	25	000125008427	WASHER	5	PC	1.500 g	A 8,4	DIN125

GROUP SEGMENT (FGS)
GROUP NAME
BOM-No.



10
CRANKCASE BREATHER
010.00082

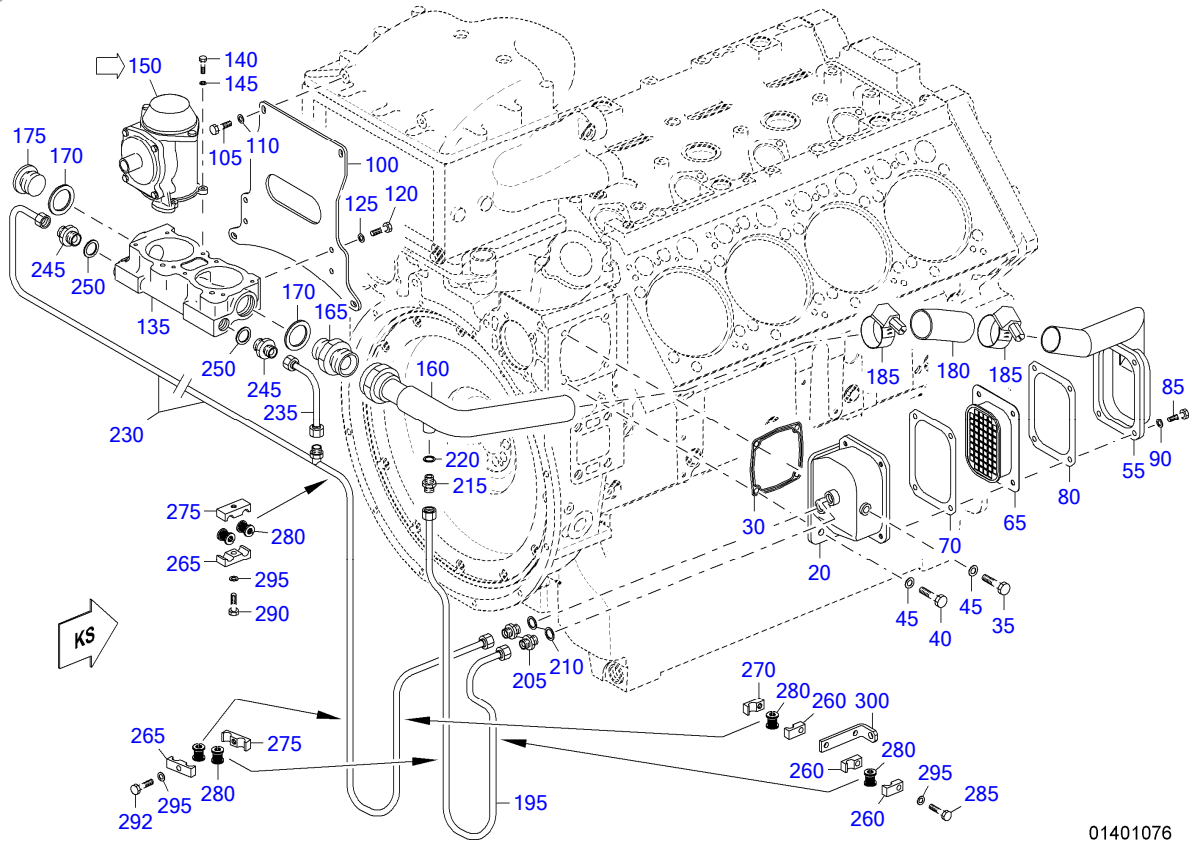
EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
CRANKCASE BREATHER

SERIAL NUMBER: 531101840

FG/FGS: 018 10

BOM-No.: 010.00082



01401076

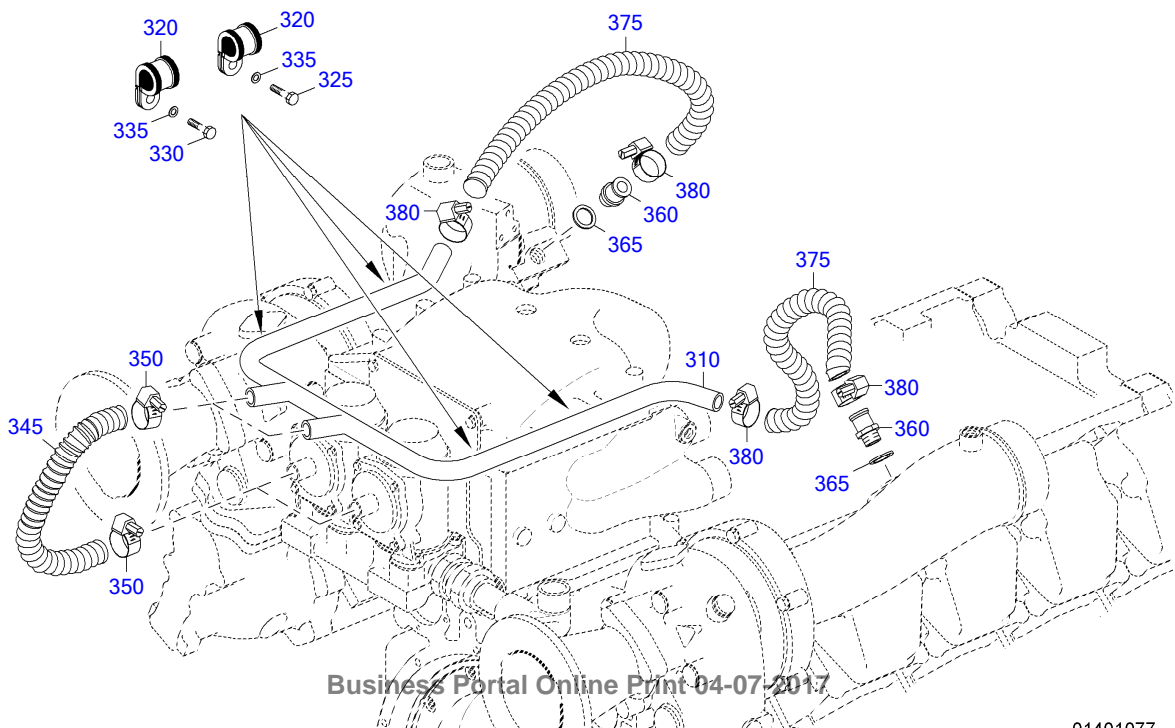
EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
CRANKCASE BREATHER

SERIAL NUMBER: 531101840

FG/FGS: 018 10

BOM-No.: 010.00082



Business Portal Online Print 04-07-2017


01401077

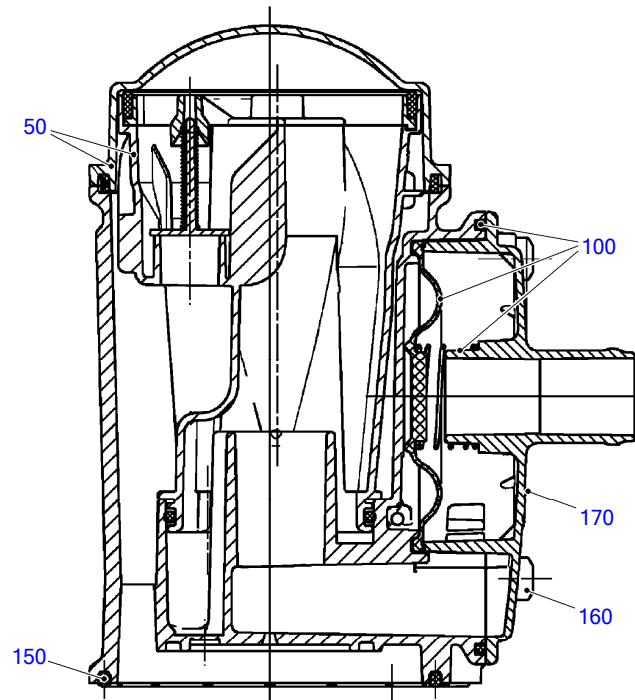
☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	20	5310100737	HOUSING	8V2000	1	PC	2.270 kg			
	30	5411310780	GASKET		1	PC	5.900 g			
	35	000933010180	HEX SCREW		3	PC	25.400 g	M 10 X 28		DIN933
	40	000931010345	HEX SCREW		1	PC	93.000 g	M 10 X140		DIN931
	45	000125010524	WASHER		4	PC	3.100 g	A 10,5		DIN125
	55	X00003945	COVER	8V2000M	1	PC	1.200 kg			
	65	5500100061	OIL SEPARATOR		1	PC	425.000 g	UB		
	70	5500180280	GASKET		1	PC	10.000 g			
	80	5500180280	GASKET		1	PC	10.000 g			
	85	000912008009	BOLT HEX SOC HD		4	PC	12.900 g	M 8 X 20		DIN912
	90	000125008427	WASHER		4	PC	1.500 g	A 8,4		DIN125
	100	X53101800001	RETAINER F/CRANKCASE VENTILA		1	PC	2.249 kg			
	105	304017008079	HEX SCREW		4	PC	11.700 g	M 8 X 20		ISO4017
	110	007349008002	WASHER		4	PC	7.900 g	8,4		DIN7349
	120	304017008079	HEX SCREW		4	PC	11.700 g	M 8 X 20		ISO4017
	125	000125008427	WASHER		4	PC	1.500 g	A 8,4		DIN125
	135	5310100034	SUPPORT		1	PC	2.099 kg			
	140	304017006063	HEX SCREW		8	PC	6.800 g	M 6 X 25		ISO4017
	145	000125006431	WASHER		8	PC	0.800 g	A 6,4		DIN125
30	150	X00005363	OIL SEPARATOR	BR2000	2	PC	495.000 g	180X150X120		
	160	X00009760	OIL LINE	8V2000M	1	PC	844.700 g			
	165	915013032000	UNION 32		1	PC	145.900 g	32		N15013
	170	007603038101	COPPER SEALING RING		2	PC	5.400 g	A 38 X 44		DIN7603
	175	000908038000	THREAD PLUG		1	PC	0.150 kg	M 38 X 1,5		DIN908
	180	700368045003	RUBBER SLEEVE		1	PC	126.900 g	45 X 100		MMN368
	185	000000006671	CLAMP		2	PC	32.300 g	40- 60X12-SW7-W3		MBN10223
	195	5311802719	OIL LINE FOR OIL RETURN RIGH	8V2000M90	1	PC	281.000 g			
	205	915006008002	UNION		2	PC	29.700 g	8		N15006
	210	007603016105	COPPER SEALING RING		2	PC	3.000 g	A 16 X 20		DIN7603
	215	915007008004	CONNECTOR 8/4		1	PC	28.600 g	8 / 6		N15007
	220	007603014102	COPPER SEALING RING		1	PC	1.000 g	A 14 X 18		DIN7603
	230	5311802819	OIL LINE FOR OIL RETURN RIGH	8V2000M90	1	PC	420.000 g			
	235	5311802019	OIL LINE	8V2000M90	1	PC	60.100 g			
	245	915007013000	CONNECTOR 13/8		2	PC	49.200 g	13 / 8		N15007
	250	007603022102	COPPER SEALING RING		2	PC	0.900 g	A 22 X 27		DIN7603
	260	700325015100	CLAMP HALF TUBE 1/1 D9-15		6	PC	34.000 g	1/1 D 9 - 15		MMN325
	265	700325015104	CLAMP HALF TUBE 2/1 D9-15		1	PC	47.000 g	2/1 D 9 - 15		MMN325
	270	700325015200	CLAMP HALF TUBE 1/1 G8-15		2	PC	34.200 g	1/1 G 8 - 15		MMN325
	275	700325015202	CLAMP HALF TUBE 2/1 G8-15		1	PC	48.300 g	2/1 G 8 - 15		MMN325
	280	700327010000	GROMMET		6	PC	2.800 g	10		MMN327
	285	304017008087	HEX SCREW		1	PC	21.300 g	M 8 X 50		ISO4017
	290	304017008081	HEX SCREW		1	PC	13.400 g	M 8 X 25		ISO4017
	292	304017008086	HEX SCREW		1	PC	19.400 g	M 8 X 45		ISO4017
	295	000125008427	WASHER		3	PC	1.500 g	A 8,4		DIN125
	300	5770980339	RETAINER		1	PC	102.500 g			
	310	X00019647	OIL LINE F/CRANKCASE VENTILA	8V2000MARINE	1	PC	980.000 g			
	320	916016024201	CLAMP		4	PC	30.000 g	BRSGU 24/20		N16016
	325	304017008083	HEX SCREW		1	PC	15.100 g	M 8 X 30		ISO4017
	330	304017008081	HEX SCREW		3	PC	13.400 g	M 8 X 25		ISO4017
	335	000125008427	WASHER		4	PC	1.500 g	A 8,4		DIN125
	345	4429975082	INTAKE HOSE		0,370	M	190.000 g	0,25 X 0,37		
	346	4429975082	INTAKE HOSE		0,370	M	190.000 g	0,25 X 0,37		
	350	000000006667	CLAMP		4	PC	24.500 g	20- 32X12-SW7-W3		MBN10223
	360	3521340356	SCREW-FITTING UNION		2	PC	98.400 g			

EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
CRANKCASE BREATHER

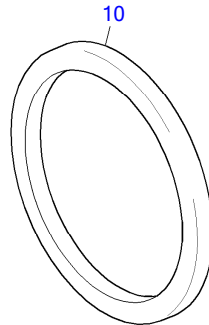
SERIAL NUMBER: 531101840
FG/FGS: 018 10
BOM-No.: 010.00082

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	365	007603022102	COPPER SEALING RING		2	PC	0.900 g		A 22 X 27	DIN7603
	375	23523994	HOSE		2	PC	211.200 g		25.4X342.9	
	380	00000000667	CLAMP		4	PC	24.500 g		20- 32X12-SW7-W3	MBN10223



01801308

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT
31	50	5410100163	INSERT OIL SEPARATOR		1	PC	218.000 g
	100	5410180233	DIAPHRAGM		1	PC	17.800 g
	150	0000180680	GASKET		1	PC	3.500 g
	160	XP52299100029	SCREW		6	PC	0.002 g
	170	5410150209	COVER	BR199	1	PC	0.168 kg



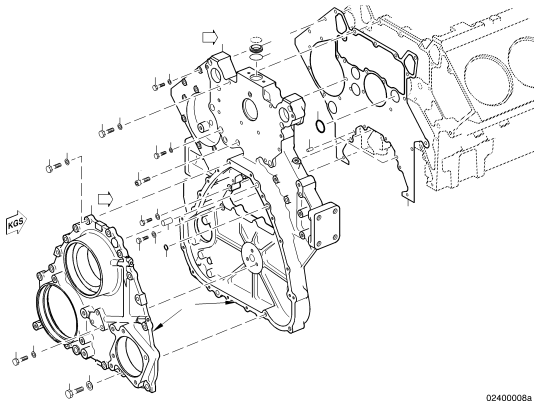
01800815a

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
	10	XP52299100017	SEALING RING	1	PC	4.700 g

GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.



05
GEAR CASE
020.00025

02400008a

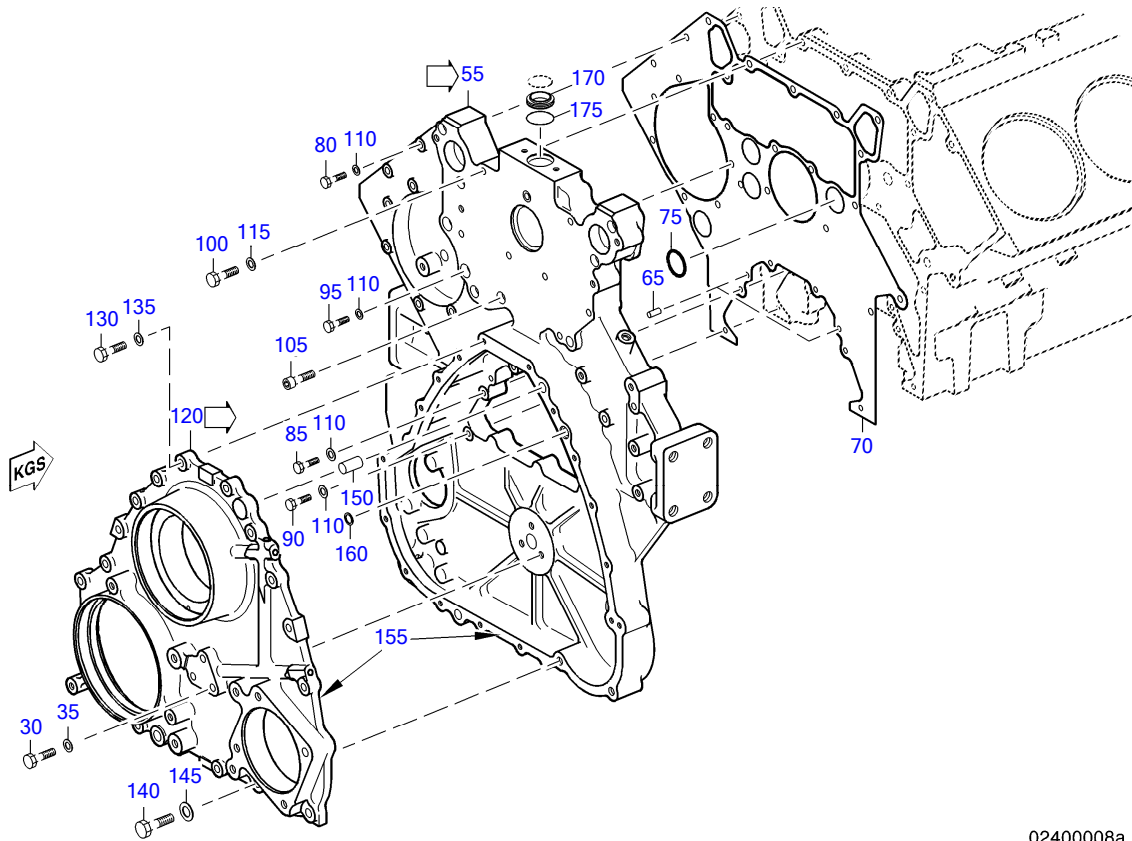
EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
GEAR CASE

SERIAL NUMBER: 531101840

FG/FGS: 024 05

BOM-No.: 020.00025



0240008a

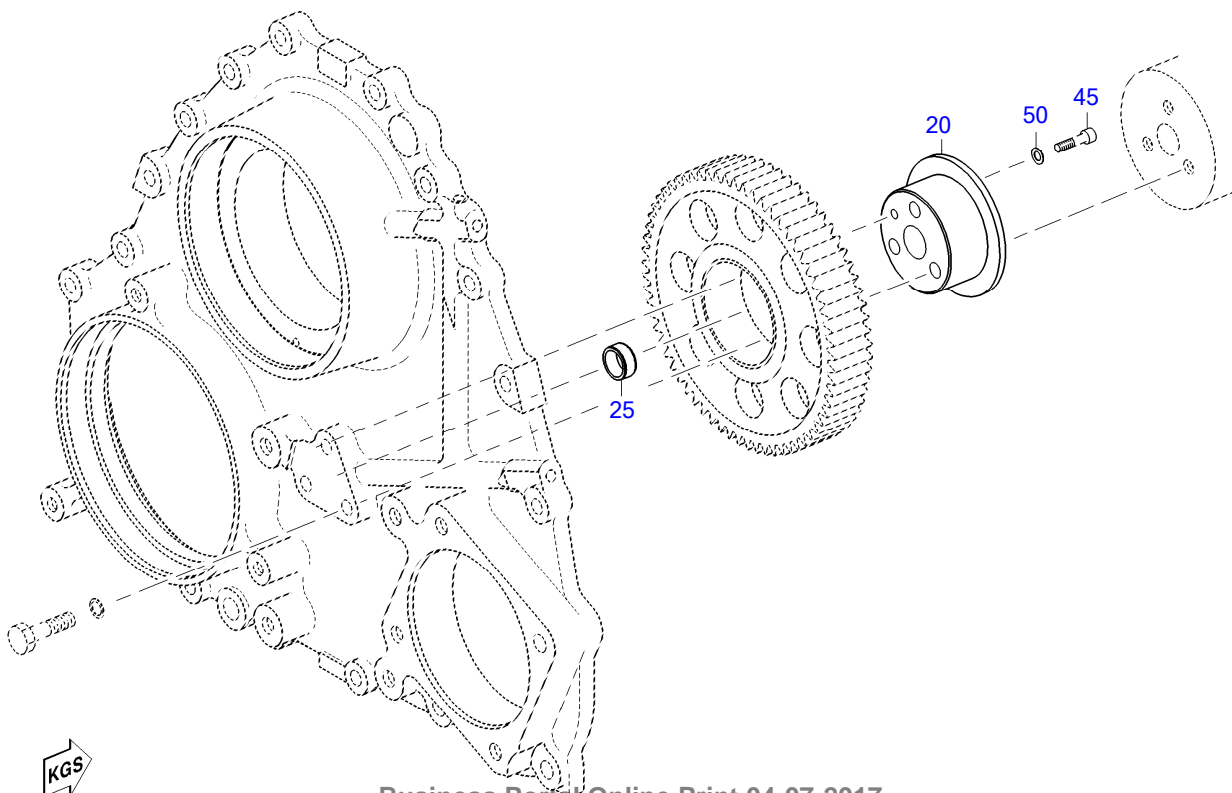
EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
GEAR CASE

SERIAL NUMBER: 531101840

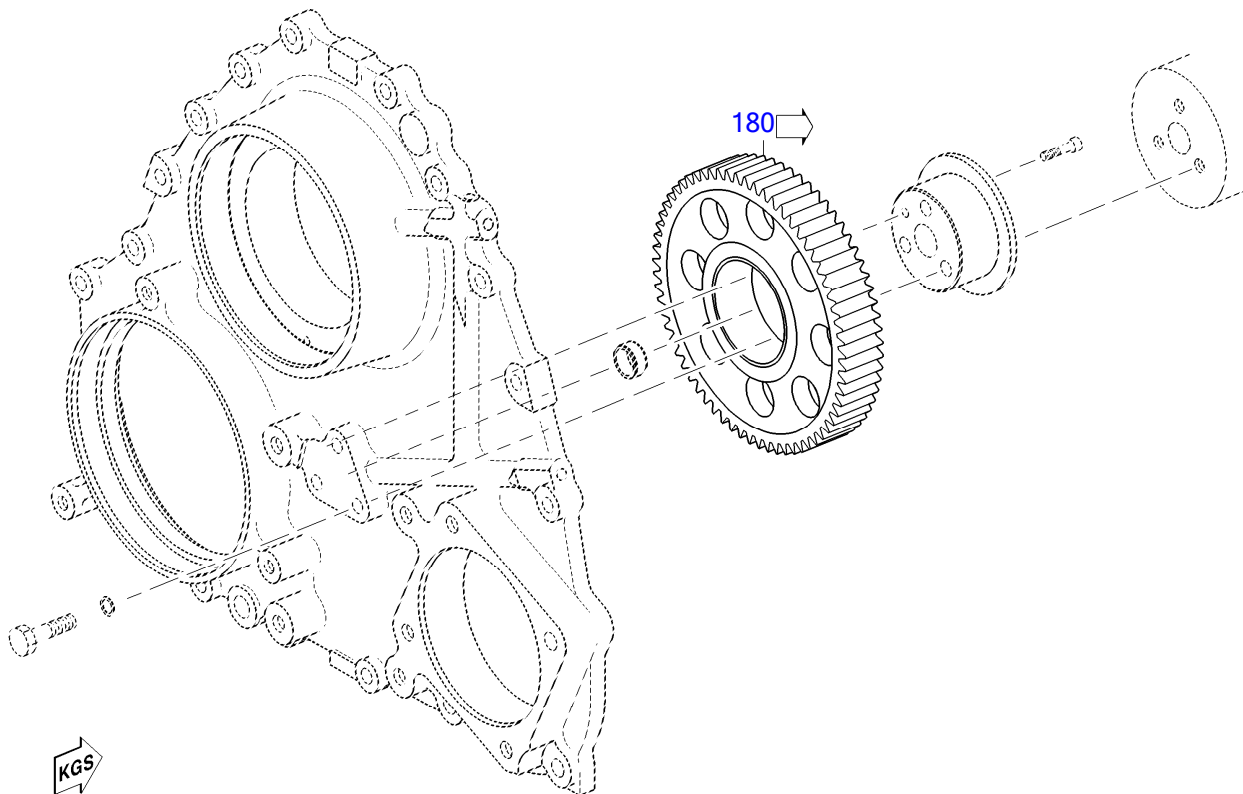
FG/FGS: 024 05

BOM-No.: 020.00025



Business Portal Online Print 04-07-2017

E0243040a0



E0253001d3

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	20	5310520005	SHAFT		1	PC	1.185 kg		
	25	23505885	DOWEL SLEEVE OIL PMP S60/2000		1	PC	12.000 g		
	30	000931010296	HEX SCREW		3	PC	59.200 g	M 10 X 85	DIN931
	35	007603010107	WASHER A COP		3	PC	0.800 g	A 10 X 16	DIN7603
	45	000912006043	BOLT HEX SOC HD		1	PC	7.800 g	M 6 X 30	DIN912
	50	000125006431	WASHER		1	PC	0.800 g	A 6,4	DIN125
	55	5310150202	HOUSING GEAR CASE MARINE		1	PC	63.000 kg		
	65	000007008210	PIN DOWEL		2	PC	10.300 g	8 H8 X 24	DIN7
	70	5310150180	GASKET		1	PC	70.000 g		
	75	700429028005	O-RING		3	PC	3.000 g	28,15X 3,5	MMN429
	80	000931008173	HEX SCREW		6	PC	28.400 g	M 8 X 65	DIN931
	85	304017008085	HEX SCREW		4	PC	18.000 g	M 8 X 40	ISO4017
	90	304017008086	HEX SCREW		2	PC	19.400 g	M 8 X 45	ISO4017
	95	304017008087	HEX SCREW		3	PC	21.300 g	M 8 X 50	ISO4017
	100	000933010149	HEX SCREW		9	PC	43.400 g	M 10 X 65	DIN933
	105	000912010047	SCREW		7	PC	40.900 g	M 10 X 55	DIN912
	110	000125008427	WASHER		15	PC	1.500 g	A 8,4	DIN125
	115	000125010524	WASHER		9	PC	3.100 g	A 10,5	DIN125
34	120	5310100117	GEAR CASE COVER	8V2000	1	PC	22.700 kg		
	130	000933010094	HEX SCREW		16	PC	31.500 g	M 10 X 40	DIN933
	135	000125010524	WASHER		16	PC	3.100 g	A 10,5	DIN125
	140	000933012071	HEX SCREW		2	PC	44.800 g	M 12 X 40	DIN933
	145	000125013012	WASHER		2	PC	5.600 g	A 13	DIN125
	150	5369910062	DOWEL PIN		1	PC	44.800 g		
	155	40031	GASKET LIQUID LOCKTITE 573	LOCTITE 573 ACC 50ML EGFD	1	PC	100.000 g	1 KAR = 12 ST Å 50 ML	MMN377D

EQUI TYPE: Engine

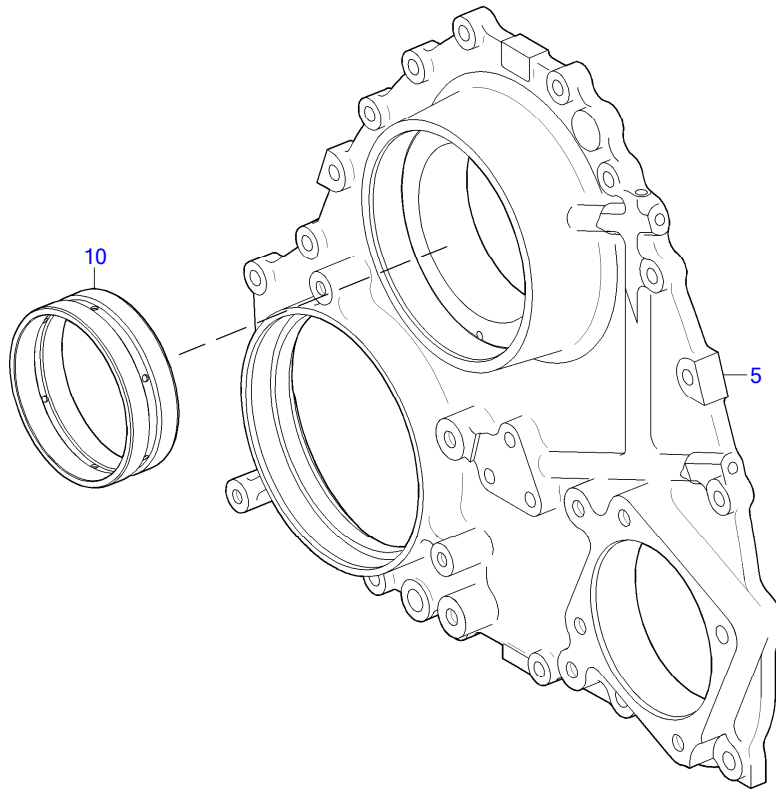
PRODUCT TYPE: 8V2000M41A
GEAR CASE

SERIAL NUMBER: 531101840

FG/FGS: 024 05

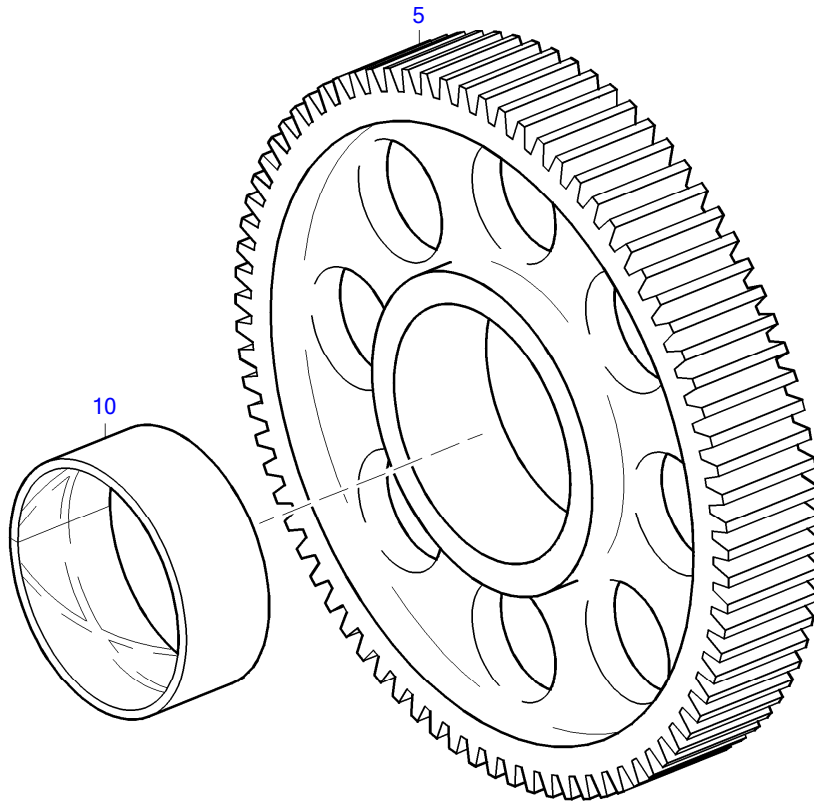
BOM-No.: 020.00025

<input type="checkbox"/>	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	160	23523122	SEALING RING	8V2000	1	PC	1.000 g	12,29X19,09	
	170	5360150049	SLEEVE		1	PC	35.000 g		
	175	700429036000	O-RING		1	PC	0.900 g	36 X 2	MMN429
35	180	5310500005	IDLER GEAR		1	PC	4.928 kg		



02400280b

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT
	5	5310150101	GEAR CASE COVER	8V2000	1	PC	
	10	5310330130	CRANKSHAFT BEARING SIZE 0-0	EINTEILIG	1	PC	720.000 g



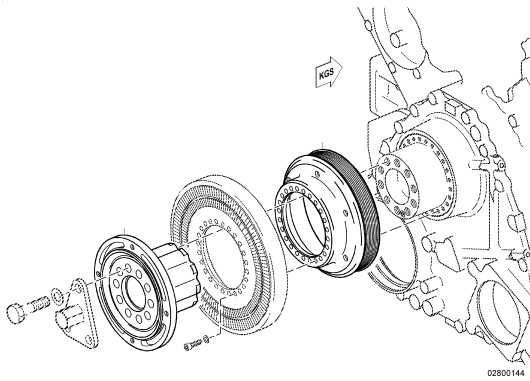
E0005833a0

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
	5	5310520002	GEAR IDLER	1	PC	
	10	5360520050	BUSHING IDLER GEAR	1	PC	160.000 g

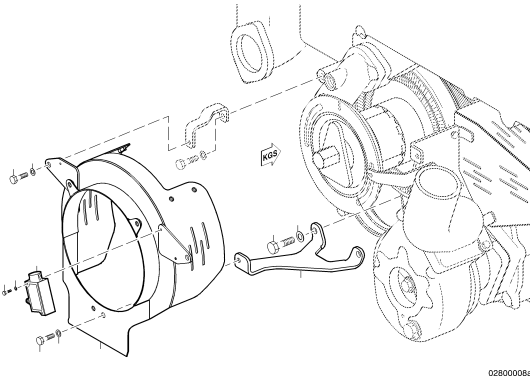
GROUP SEGMENT (FGS)

GROUP NAME

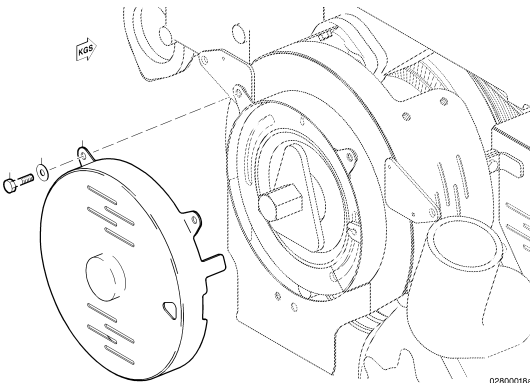
BOM-No.



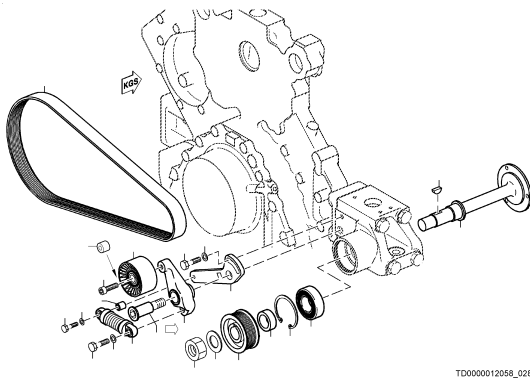
05
BELT PULLEY
020.00026



05
PROTECTIVE COVER WITH POINTER
020.00027



05
COVER
020.00054



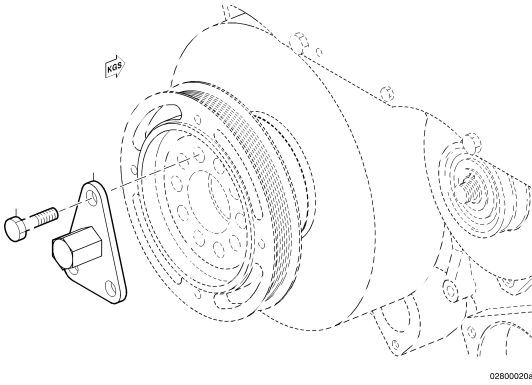
05
GENERATOR
210.00057

GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.

05
BARRING GEAR
360.00047



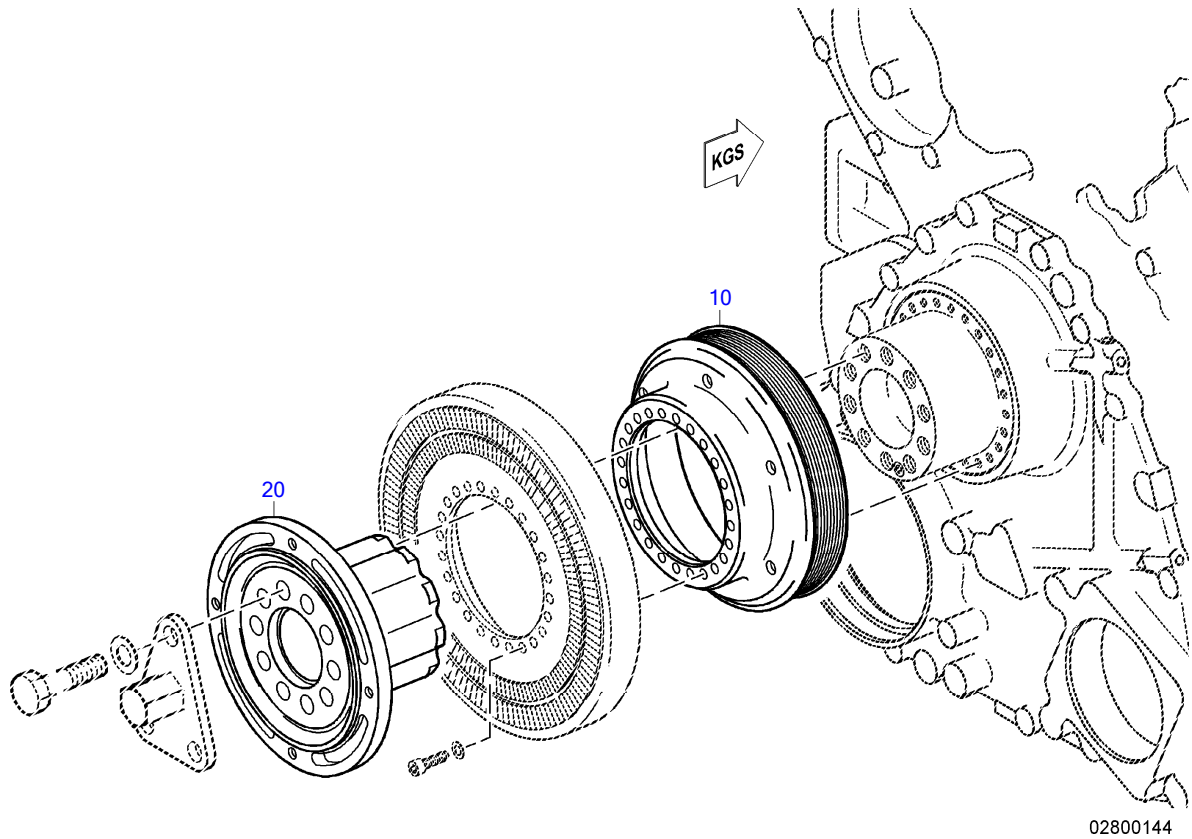
EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
BELT PULLEY

SERIAL NUMBER: 531101840

FG/FGS: 028 05

BOM-No.: 020.00026



02800144

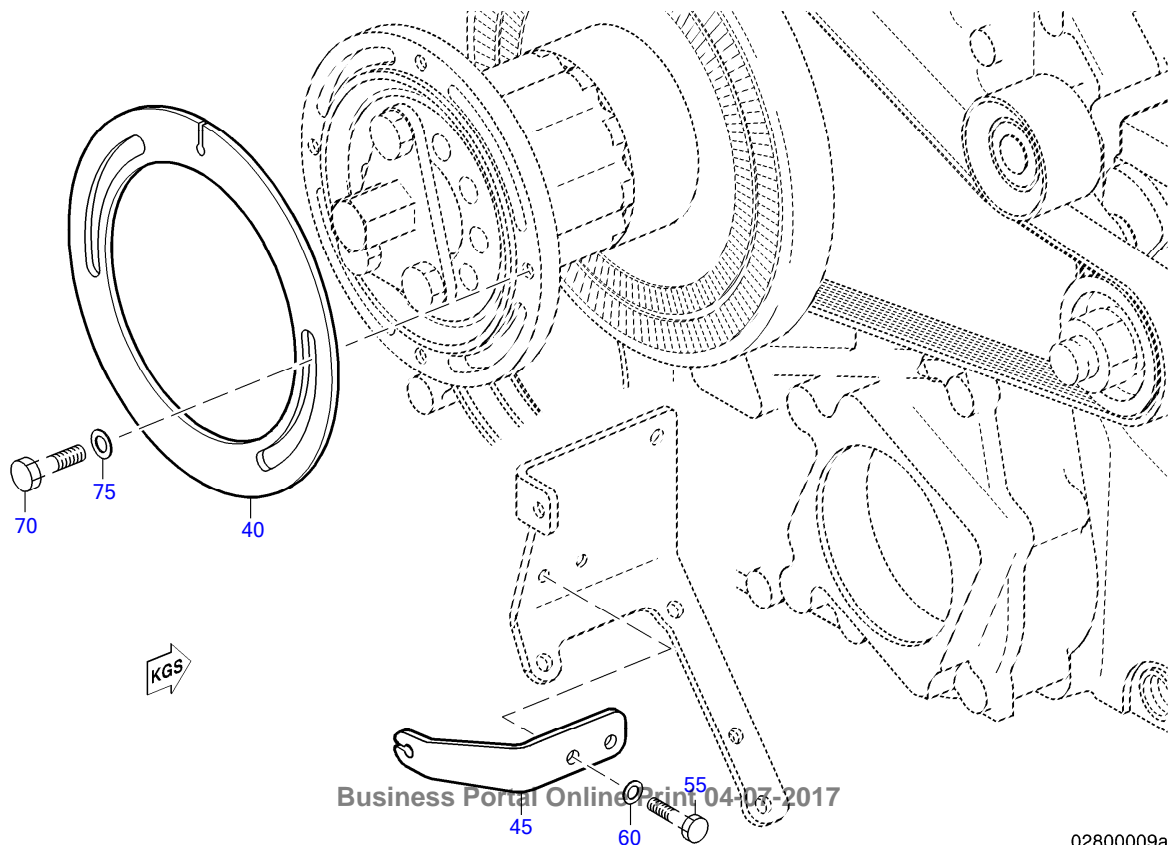
EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
BELT PULLEY

SERIAL NUMBER: 531101840


FG/FGS: 028 05

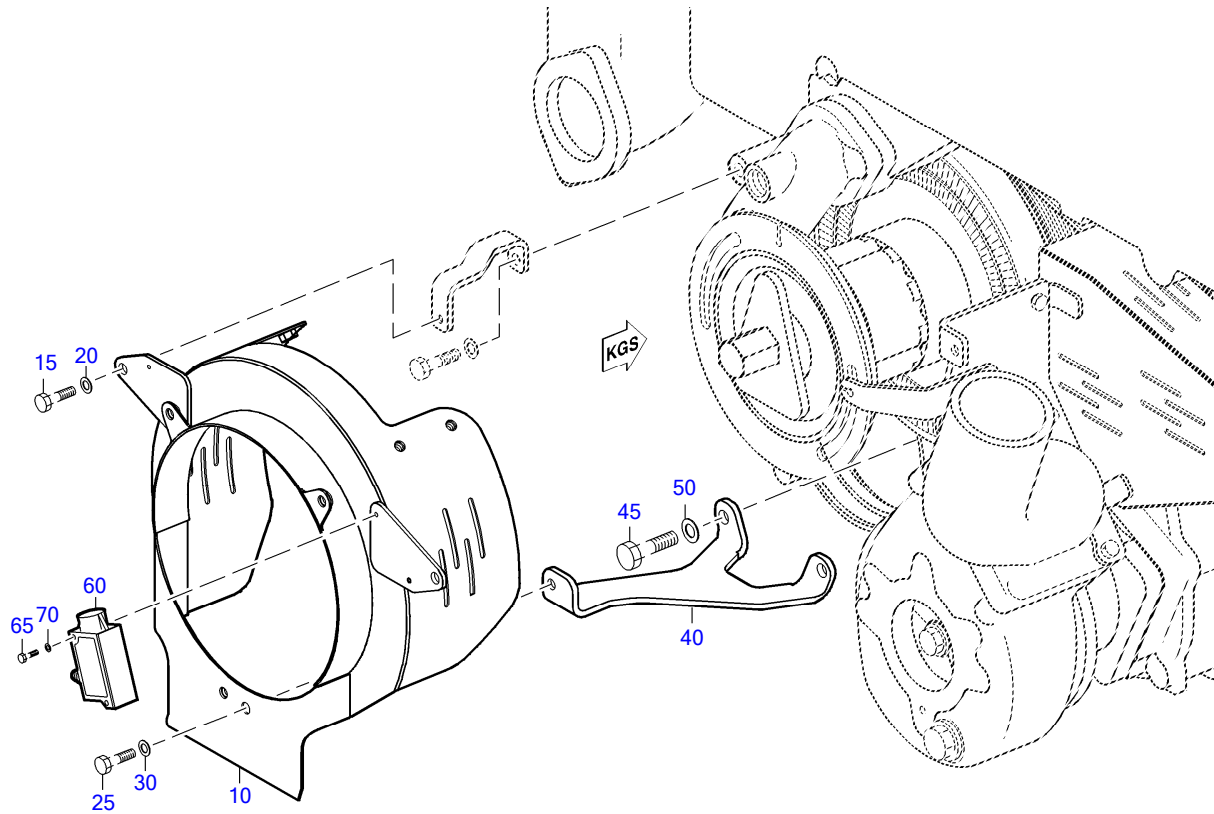
BOM-No.: 020.00026



Business Portal Online Print 04-07-2017

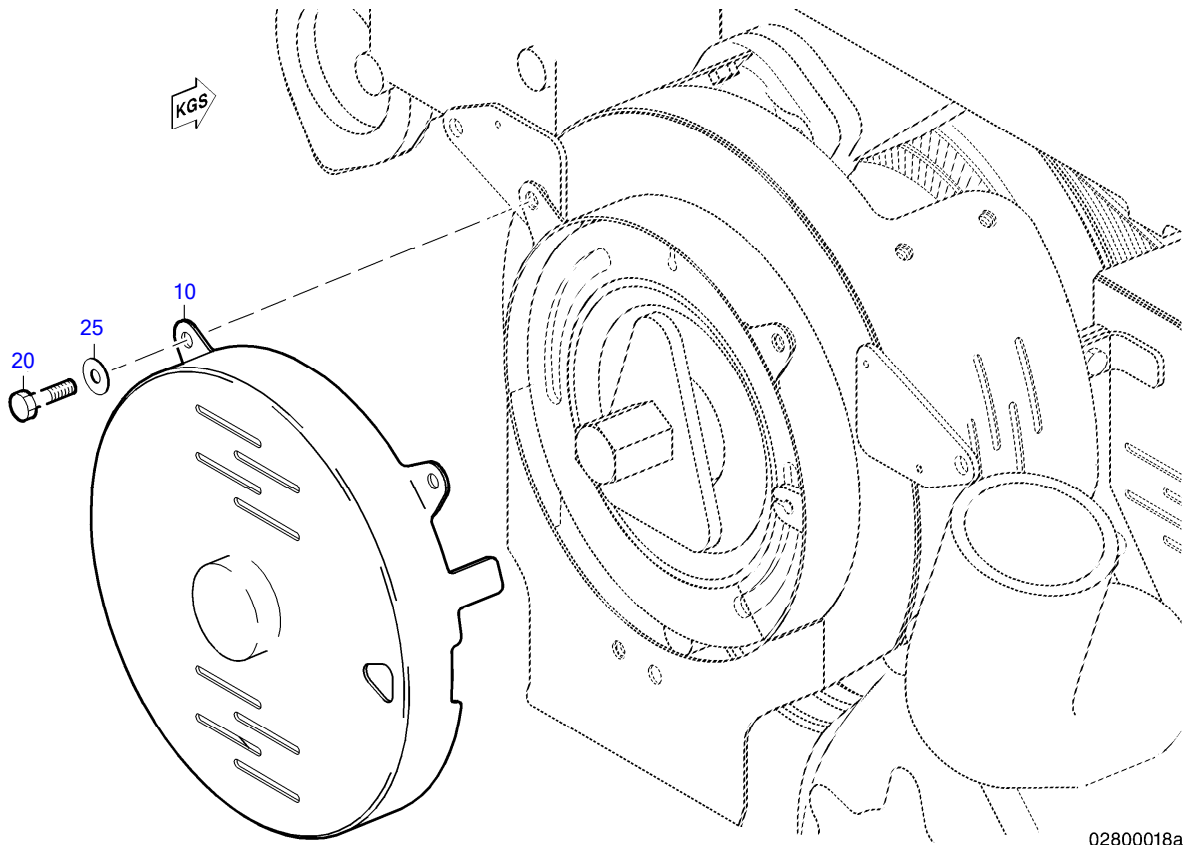
02800009a

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	5311550115	BELT PULLEY		1	PC	4.020 kg		
	20	5310320304	BELT PULLEY		1	PC	9.100 kg		
	40	5310320016	WASHER ADJUSTING		1	PC	635.000 g		
	45	5310320115	POINTER	8V2000	1	PC	170.000 g		
	55	304017008077	HEX SCREW		2	PC	10.500 g	M 8 X 16	ISO4017
	60	000125008427	WASHER		2	PC	1.500 g	A 8,4	DIN125
	70	000933010089	HEX SCREW		2	PC	21.100 g	M 10 X 20	DIN933
	75	007349010002	WASHER		2	PC	11.000 g	10,5	DIN7349

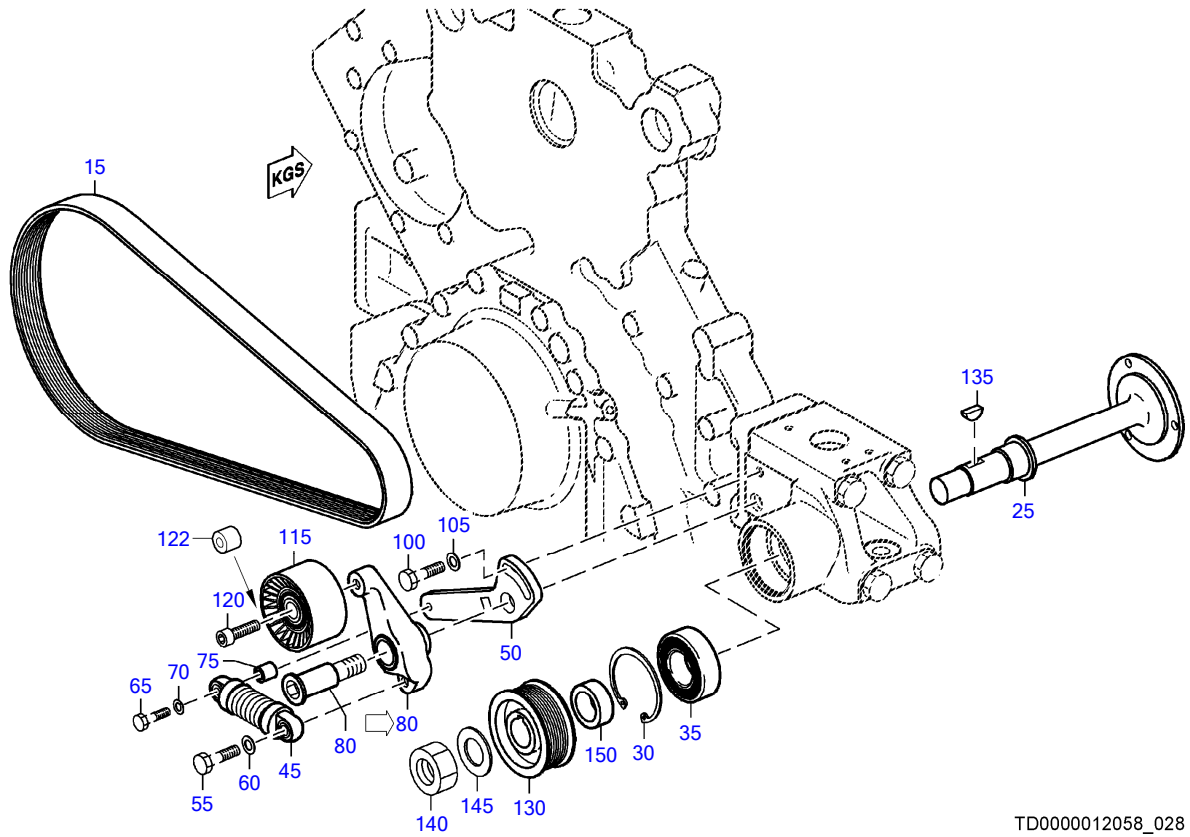


02800008a

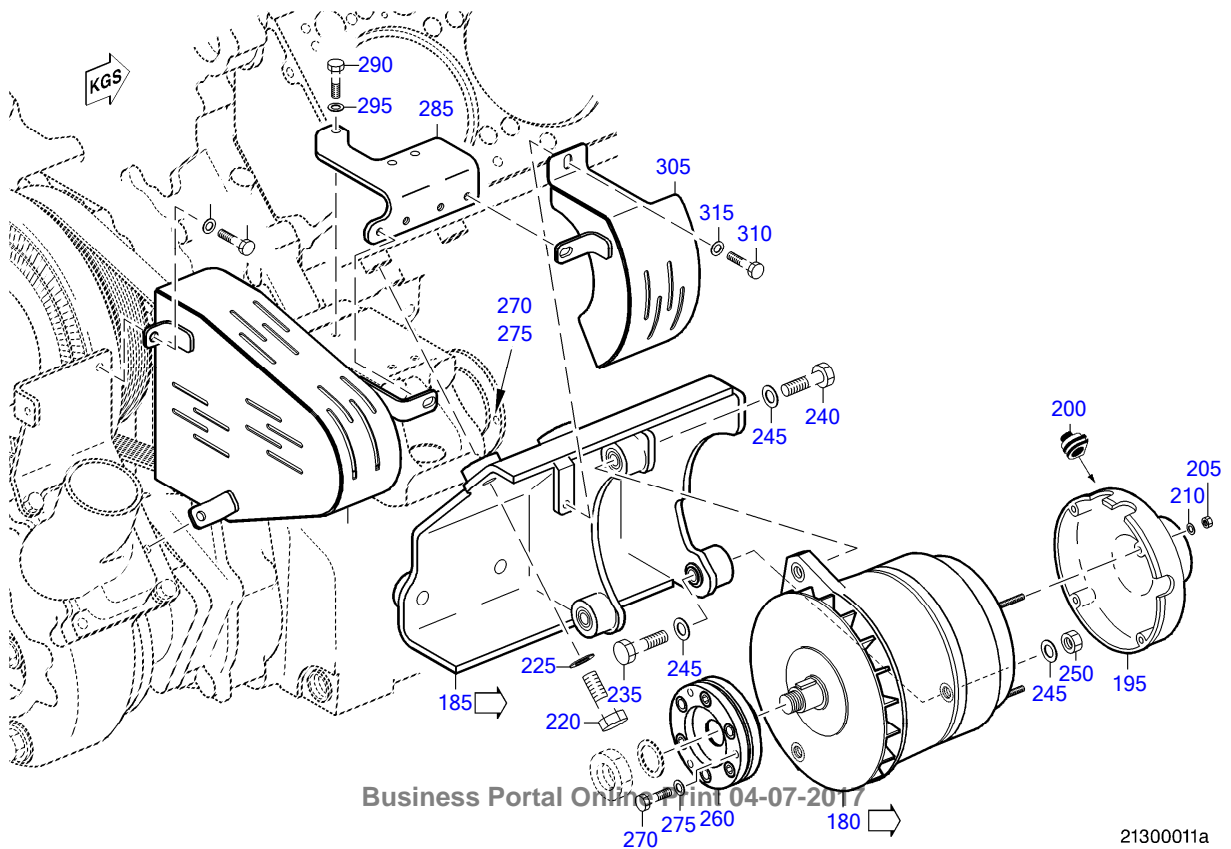
☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	5311500666	PROTECTIVE COVER		1	PC	2.800 kg		
	15	000912008115	BOLT HEX SOC HD		1	PC	11.400 g	M 8 X 16	DIN912
	20	007349008002	WASHER		1	PC	7.900 g	8,4	DIN7349
	25	000933010198	HEX SCREW		2	PC	19.600 g	M 10 X 16	DIN933
	30	007349010002	WASHER		2	PC	11.000 g	10,5	DIN7349
	40	5311550427	RETAINER	8V2000	1	PC	777.900 g		
	45	000933012058	HEX SCREW		2	PC	31.800 g	M 12 X 20	DIN933
	50	000125013012	WASHER		2	PC	5.600 g	A 13	DIN125
	60	X00E50210307	POSITION SWITCH		1	PC	0.161 kg		
	65	000933004036	HEX SCREW		2	PC	3.400 g	M 4 X 35	DIN933
	70	000125004317	WASHER		2	PC	0.200 g	A 4,3	DIN125



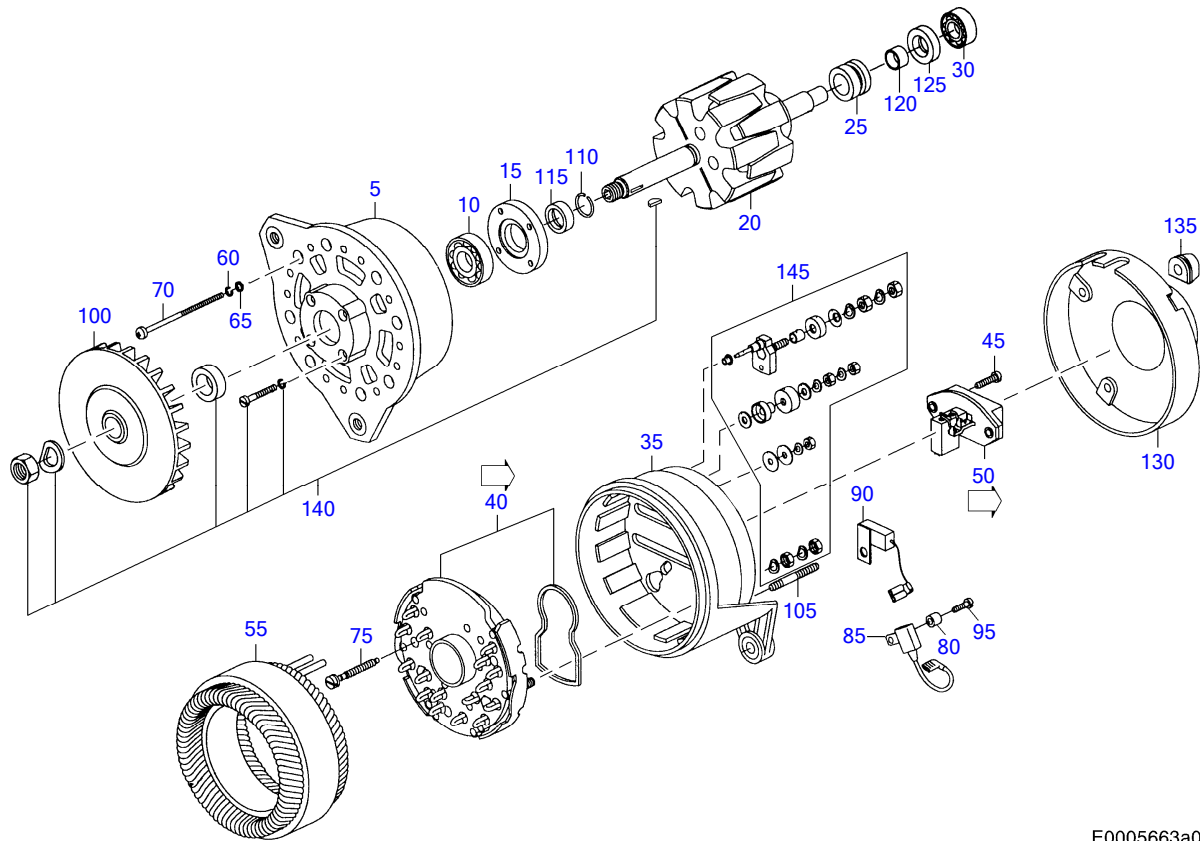
☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	5311500063	COVER	8V2000	1	PC	1.440 kg		
	20	304017008076	HEX SCREW		3	PC	9.100 g	M 8 X 12	ISO4017
	25	009021008204	WASHER		3	PC	5.900 g	8,4	DIN9021



TD0000012058_028



☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	15	0149977292	RIBBED BELT		1	PC	280.700 g		9 PK 1385	
	25	5311550703	SHAFT FOR GENERATOR		1	PC	1.756 kg			
	30	000472072000	SNAP RING		1	PC	17.300 g		72 X 2,5	DIN472
	35	0089810125	SELF-ALIGN BALL BRG		1	PC	415.000 g			
	45	0002373526	SPRING TENSION		1	PC	268.100 g			
	50	5311550431	LEVER	8V2000M	1	PC	438.900 g			
	55	000933010092	HEX SCREW		1	PC	26.900 g		M 10 X 30	DIN933
	60	007349010002	WASHER		1	PC	11.000 g		10,5	DIN7349
	65	304017008087	HEX SCREW		1	PC	21.300 g		M 8 X 50	ISO4017
	70	009021008204	WASHER		1	PC	5.900 g		8,4	DIN9021
	75	5240940153	SPACER SLEEVE	4000	1	PC	40.200 g		9MM X 20MM L=20	
45	80	X53102800004	TENSIONING LEVER FOR BELT PULLEY	8V2000M40-90	1	PC	863.700 g			
	100	000933010092	HEX SCREW		1	PC	26.900 g		M 10 X 30	DIN933
	105	007349010002	WASHER		1	PC	11.000 g		10,5	DIN7349
	115	0002000770	BEARING ROLLER TENSIONING		1	PC	288.400 g			
	120	000912010047	SCREW		1	PC	40.900 g		M 10 X 55	DIN912
	122	5681421553	SPACER SLEEVE		1	PC	61.000 g			
	130	5311550215	BELT PULLEY FOR GENERATOR		1	PC	1.000 kg			
	135	006888008005	WOODRUFF KEY		1	PC	9.000 g		8 X 9	DIN6888
	140	000000002779	HEX NUT		1	PC	92.300 g		M 27 X 2	ISO8675
	145	000125027004	WASHER		1	PC	38.600 g		B 27	DIN125
	150	5319910040	SPACER SLEEVE		1	PC	125.000 g			
41	180	0101547902	ALTERNATOR 3-PHASE		1	PC	15.295 kg	P	28V/140A	
44	185	5311500373	RETAINER	8V2000M90	1	PC	12.000 kg	P		
	195	4071540165	COVER		1	PC	135.000 g			
	200	4071540280	GROMMET		3	PC	5.600 g			
	205	000934006006	NUT HEX		4	PC	2.200 g		M 6	DIN934
	210	000125006431	WASHER		4	PC	0.800 g		A 6,4	DIN125
	220	000961014012	HEX SCREW		4	PC	67.000 g		M 14 X 1,5 X 40	DIN961
	225	000125015016	WASHER		4	PC	7.900 g		A 15	DIN125
	235	000931012143	HEX SCREW		1	PC	72.500 g		M 12 X 70	DIN931
	240	000960012262	HEX SCREW		2	PC	65.800 g		M 12 X 1,5 X 60	DIN960
	245	000125013012	WASHER		4	PC	5.600 g		A 13	DIN125
	250	000934012008	NUT HEX		1	PC	15.200 g		M 12	DIN934
	260	0152509601	COUPLING	BR2000	1	PC	1.635 kg			
	270	000933008028	HEX SCREW		3	PC	11.000 g		M 8 X 18	DIN933
	275	000125008427	WASHER		3	PC	1.500 g		A 8,4	DIN125
	285	5311550827	RETAINER	8V2000M	1	PC	676.800 g			
	290	304017008079	HEX SCREW		3	PC	11.700 g		M 8 X 20	ISO4017
	295	000125008427	WASHER		3	PC	1.500 g		A 8,4	DIN125
	305	5311500466	PROTECTIVE COVER	8V2000M90	1	PC	566.700 g			
	310	304017008077	HEX SCREW		3	PC	10.500 g		M 8 X 16	ISO4017
	315	007349008002	WASHER		3	PC	7.900 g		8,4	DIN7349



E0005663a0

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	5	8691500004	BEARING CAP	1	PC	2.200 kg			
	10	0059812125	BALL BEARING	1	PC	500.000 g			
	15	Z=1 120 033 009	PLATE	1	PC		AC		
	20	8691510103	ARMATURE	1	PC	6.500 kg			
	25	Z=1 124 304 018	RING	1	PC				
	30	0049811401	GROOVED BALL BRG.	1	PC	59.000 g			
	35	8691500005	BEARING CAP	1	PC	1.580 kg			
	42	40	0011540816	RECTIFIER	1	PC	416.900 g	P	
	45	0009907521	WASHER/SCREW ASSY	3	PC	5.000 g		AN LIMA-REGLER	
	43	50	8691540023	FIELD REGULATOR	1	PC	123.600 g	P	
	55	8691510073	WINDING	1	PC	3.285 kg			
	60	Z=2 916 699 083	SPRING RING	4	PC			6,00 MM	
	65	200433006400	WASHER	4	PC	0.600 g		6,4	DIN433
	70	0009907721	SCREW	4	PC	20.000 g			
	75	0009907221	SCREW	3	PC	7.000 g			
	80	Z=1 120 300 028	BUSHING	1	PC	0.012 kg			
	85	0011568201	SUPPRESS CAPACITOR	1	PC	7.700 g			
	90	0011566701	INTERF SUPPR CAPAC	1	PC	12.700 g			
	95	Z=DIN7985 M6X22	SCREW	1	PC		AC	M6 X 22	DIN7985
	100	4221550018	FAN WHEEL	1	PC	728.000 g			
	105	000835006022	STUD	4	PC	8.800 g		M 6 X 35	DIN835
	110	009045030000	LOCKING RING	1	PC	2.100 g		30	DIN9045
	115	Z=1 120 114 002	RING	1	PC	0.040 g			
	120	0001540051	RING	1	PC	14.600 g			
	125	0069977447	OIL SEAL	1	PC	17.200 g			


EQUI TYPE: Engine

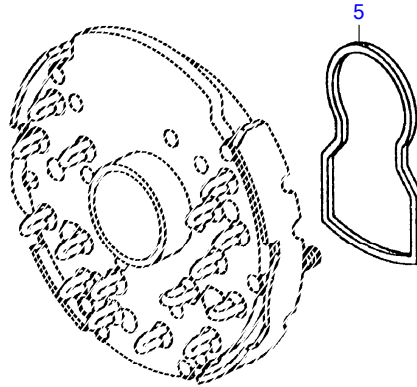
PRODUCT TYPE: 8V2000M41A
ALTERNATOR 3-PHASE

SERIAL NUMBER: 531101840

FG/FGS:

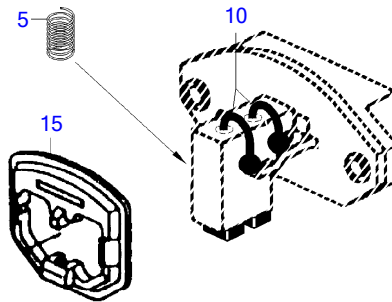
BOM-No.: 0101547902

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	130	0001540865	COVER	1	PC	412.000 g			
	135	0001531197	GROMMET	2	PC	10.600 g			
	140	0001501672	REPAIR KIT	1	PC	197.000 g			
	145	8695860557	REPAIR KIT	1	PC	75.000 g			



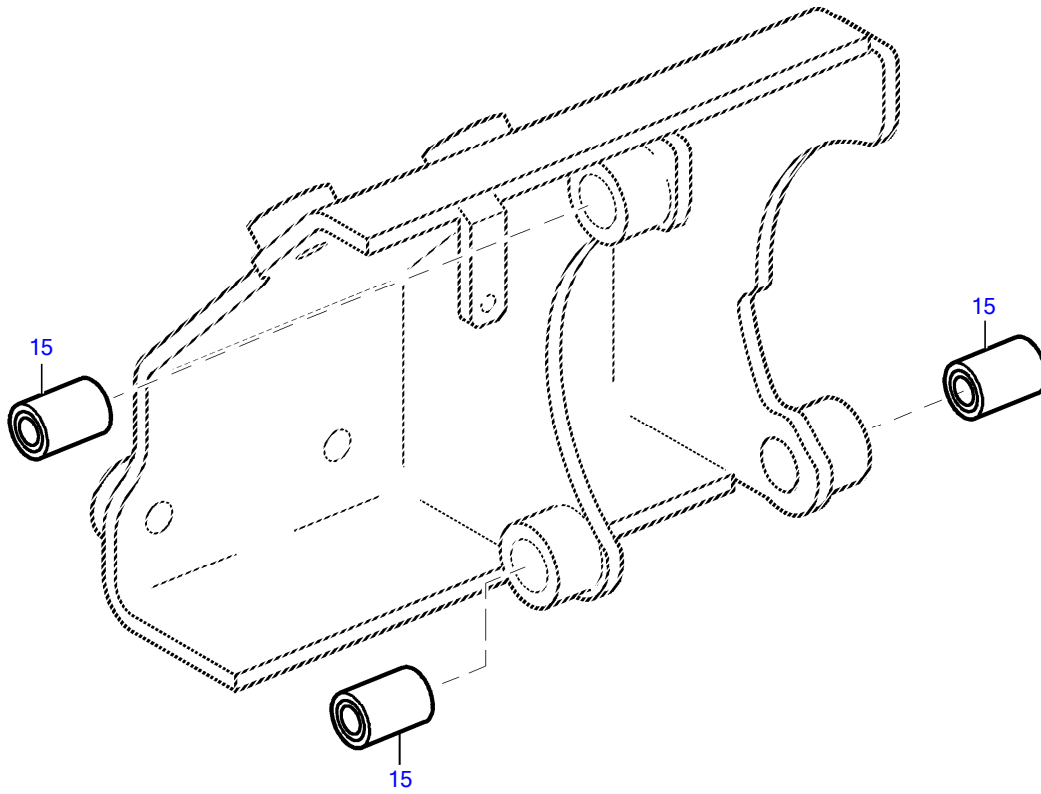
E0005246a0

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
	5	8691540022	GASKET	1	PC	3.000 g



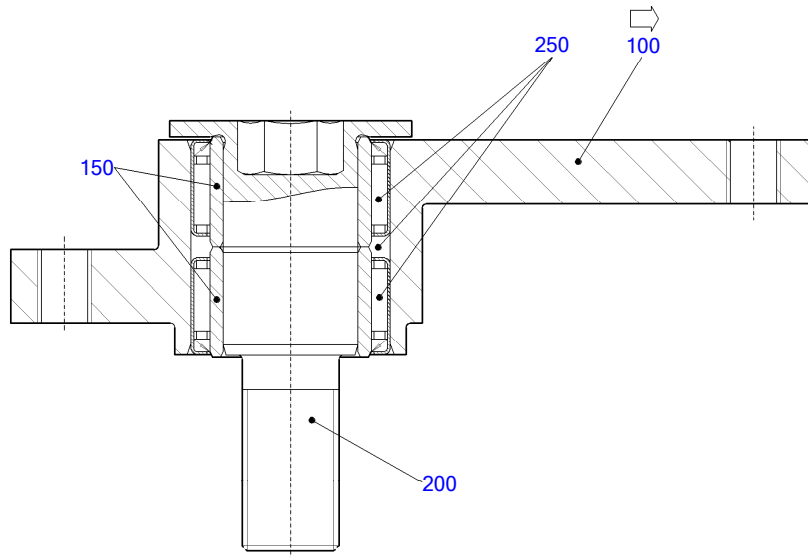
E0005245a0

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
	5	0001541993	PRESSURE SPRING	2	PC	0.600 g
	10	0001548614	CARBON BRUSH KIT	1	PC	6.000 g
	15	0001540580	GASKET	1	PC	6.000 g



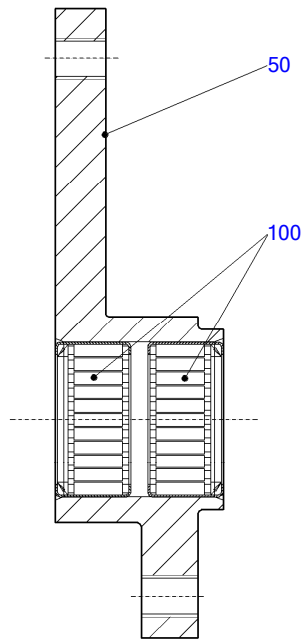
E0005866a0

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
	15	3521550450	BUSHING	3	PC	73.000 g



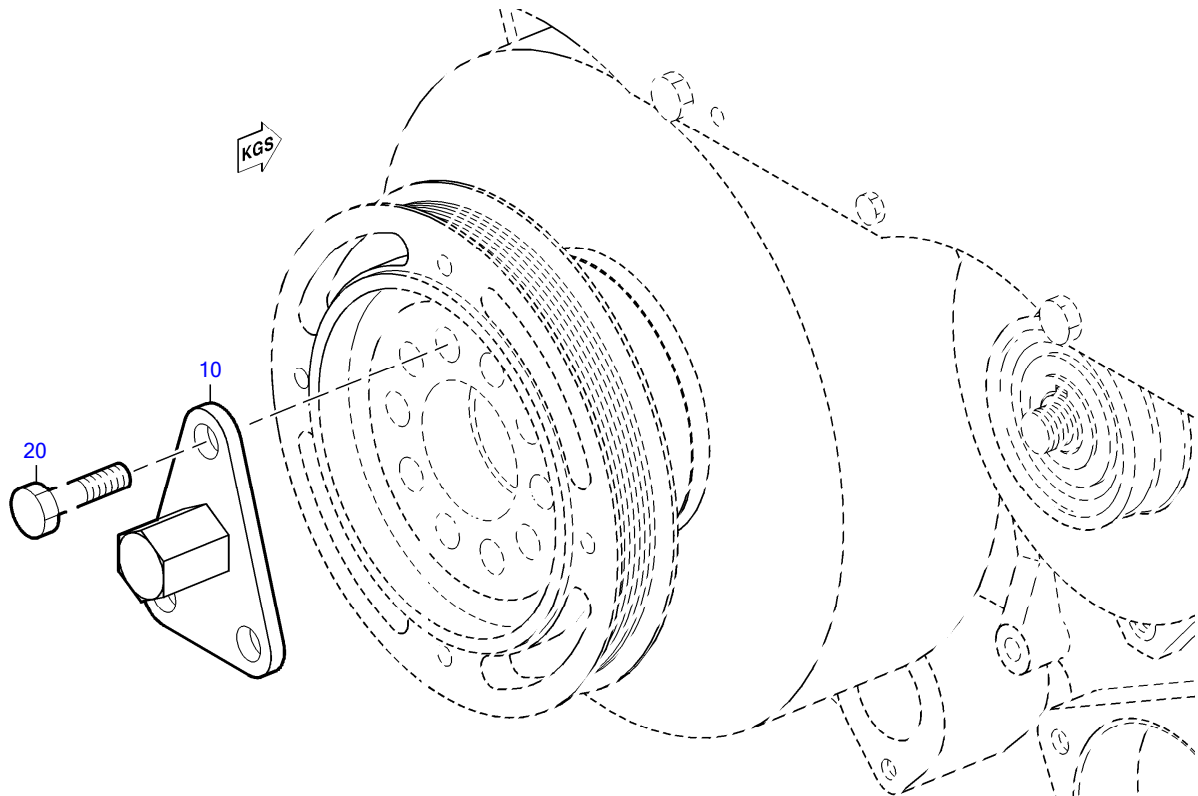
02800100a

□	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
46	100	X53102800005	TENSIONING LEVER FOR BELT PULLEY	8V2000M40-90	1	PC	568.900 g		
	150	5329810081	INNER RING	12/16V2000M40-91	2	PC	33.700 g	INA/ FAG JR 25X30X20,5	
	200	5311550174	PIN		1	PC	225.100 g		
	250	40388	GREASE		1	PC	5.000 kg	RETINAX EP2	MTH5122



02800101a

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT
	50	X53102800001	TENSIONING LEVER FOR BELT PULLEY	8V2000M40-90	1	PC		
	100	5329810010	SLEEVE	12/16V2000M40-91	2	PC	306.000 g	INA/ FAG HK3018-RS



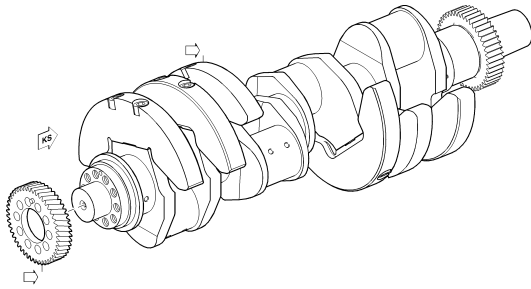
02800020a

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	5360300074	FLANGE	1	PC	756.300 g	DURCHDREHVORRICHTUNG	
	20	000931016051	HEX SCREW	3	PC	241.200 g	M 16 X140	DIN931

GROUP SEGMENT (FGS)

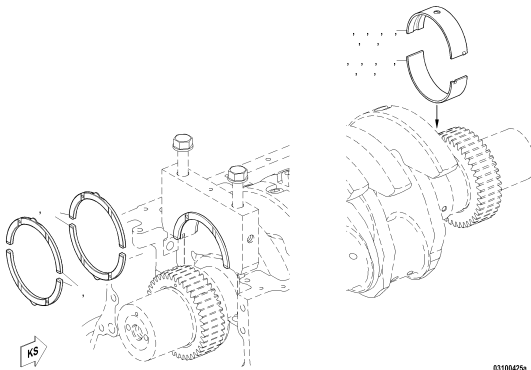
GROUP NAME

BOM-No.



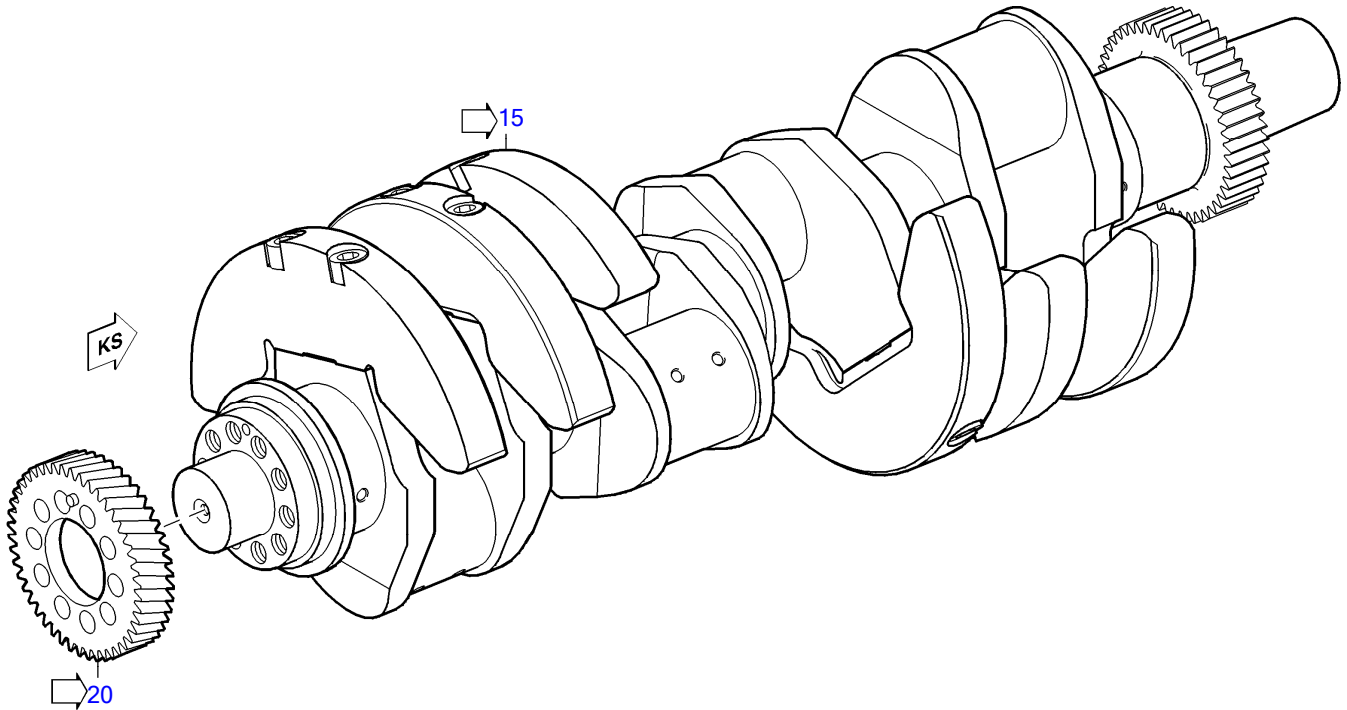
05
CRANKSHAFT W/O ACCEPT CERTIFIC
030.00161

03100012b



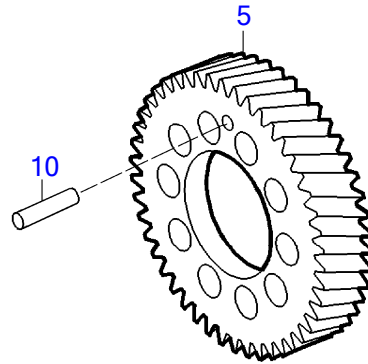
10
CRANKSHAFT BEARING
X00032812

03100425a



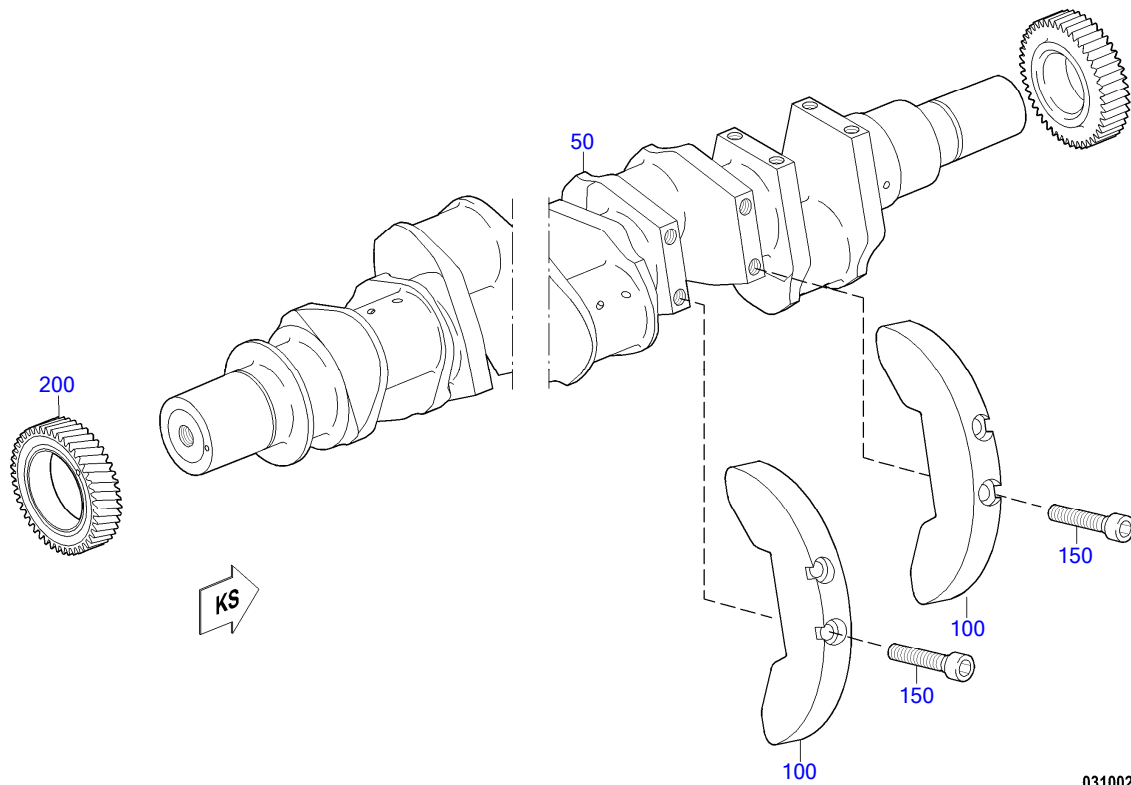
03100012b

□	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN
	15	X00041708	CRANKSHAFT	8V-6CWT-STROKE150	1	PC	117.500 kg	EM
	20	5310500203	CRANKSHAFT GEAR		1	PC	1.700 kg	EM



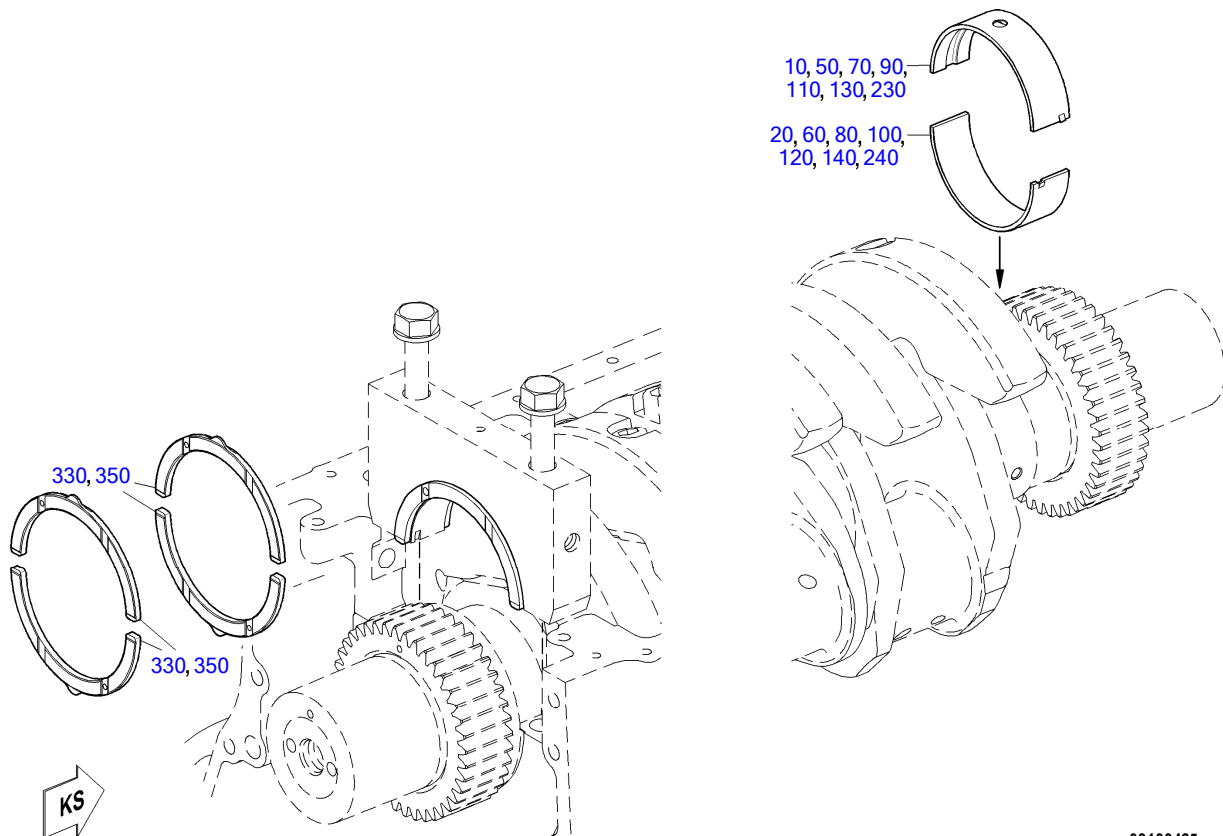
03100454b

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	5	5310520303	CRANKSHAFT GEAR	1	PC		EM		
	10	000007008217	PIN DOWEL ST 50 K	1	PC	14.000 g		8 H8 X 32	DIN7



03100212h

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
	50	X00041709	CRANKSHAFT		1	PC	133.000 kg	EM	
	100	5310310207	COUNTERWEIGHT	BR2000PLD	6	PC	6.146 kg		
	150	4220310171	BOLT COUNTERWEIGHT		12	PC	164.000 g		M16 X 1,5 X 83
	200	5360520103	GEAR FRONT CRANKSHAFT		1	PC	2.674 kg	EM	



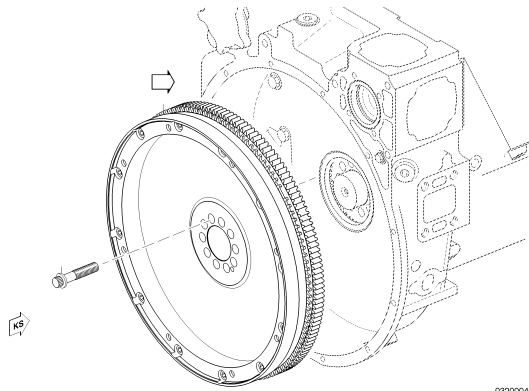
03100425a

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
	10	X00009484	CRANKSHAFT BEARING SIZE 0-0	OBERE HAELFTE	5	PC	135.000 g		
	20	X00009491	CRANKSHAFT BEARING SIZE 0-0	UNTERE HAELFTE	5	PC	160.200 g		
	50	X00009501	CRANKSHAFT BEARING SIZE 0-1		1	PC	280.000 g	M	STUFE 0-1 (DC 0,10) OBERE SCHALE
	60	X00009492	CRANKSHAFT BEARING SIZE 0-1		1	PC	160.000 g	M	STUFE 0-1 (DC 0,10) UNTERE SCHALE
	70	X00009502	CRANKSHAFT BEARING SIZE 0-2		1	PC	140.000 g	M	STUFE 0-2 (DC 0,25) OBERE SCHALE
	80	X00009493	CRANKSHAFT BEARING SIZE 0-2	BR2000	1	PC	160.000 g	M	STUFE 0-2 (DC 0,25) UNTERE SCHALE
	90	X00009503	CRANKSHAFT BEARING SIZE 0-3	BR2000	1	PC	130.000 g	M	STUFE 0-3 (DC 0,50) OBERE SCHALE
	100	X00009494	CRANKSHAFT BEARING SIZE 0-3	BR2000	1	PC	160.000 g	M	STUFE 0-3 (DC 0,50) UNTERE SCHALE
	110	X00009504	CRANKSHAFT BEARING SIZE 0-4	BR2000	1	PC	130.000 g	M	STUFE 0-4 (DC 0,75) OBERE SCHALE
	120	X00009495	CRANKSHAFT BEARING SIZE 0-4	BR2000	1	PC	160.000 g	M	STUFE 0-4 (DC 0,75) UNTERE SCHALE
	130	X00009489	CRANKSHAFT BEARING SIZE 1-0		1	PC	140.000 g	M	STUFE 1-0 AUßEN OBERE SCHALE
	140	X00009497	CRANKSHAFT BEARING SIZE 1-0		1	PC	160.000 g	M	STUFE 1-0 AUßEN UNTERE SCHALE
	230	X00009490	CRANKSHAFT BEARING SIZE 2-0	BR2000	1	PC	140.000 g	M	STUFE 2-0 AUßEN OBERE SCHALE
	240	X00009498	CRANKSHAFT BEARING SIZE 2-0	BR2000	1	PC	180.000 g	M	STUFE 2-0 AUßEN UNTERE SCHALE
	330	5360330262	THRUST WASHER		4	PC	75.000 g	M	
	350	5360330462	THRUST WASHER	2000	1	PC	0.175 kg	M	STUFE 1, 5,65 +/-0,025

GROUP SEGMENT (FGS)

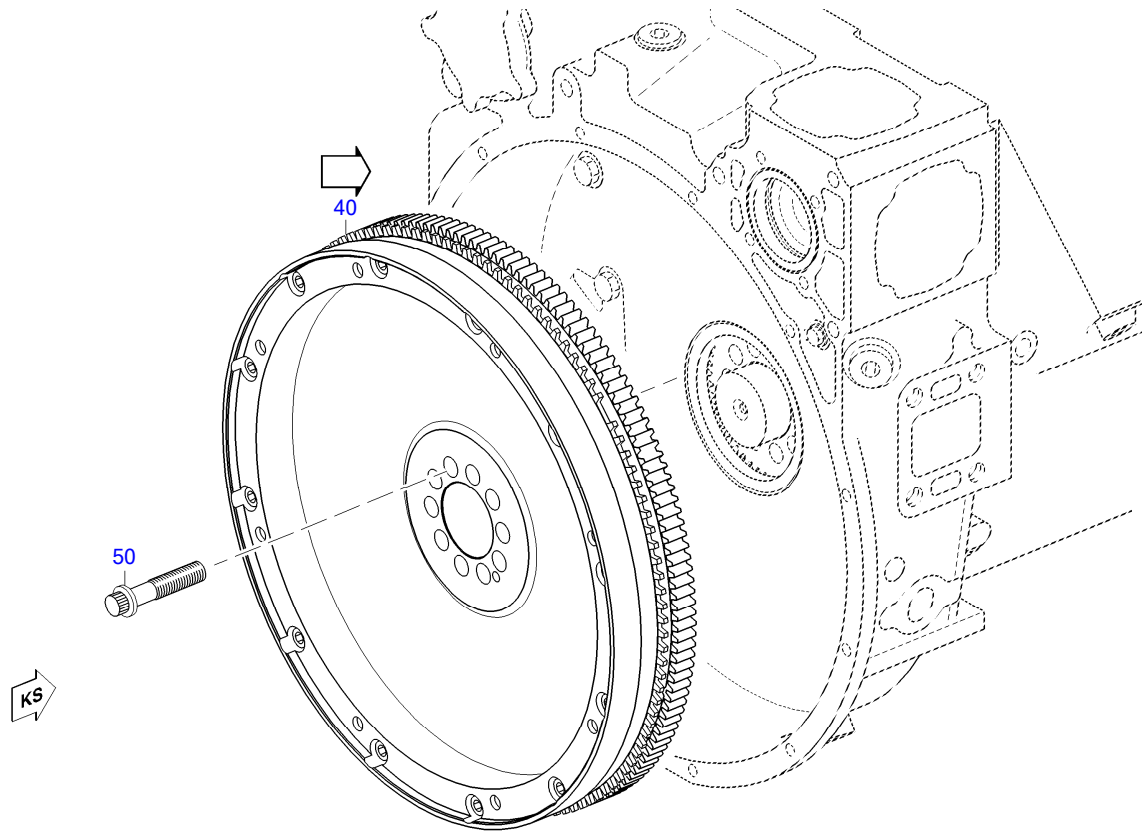
GROUP NAME

BOM-No.



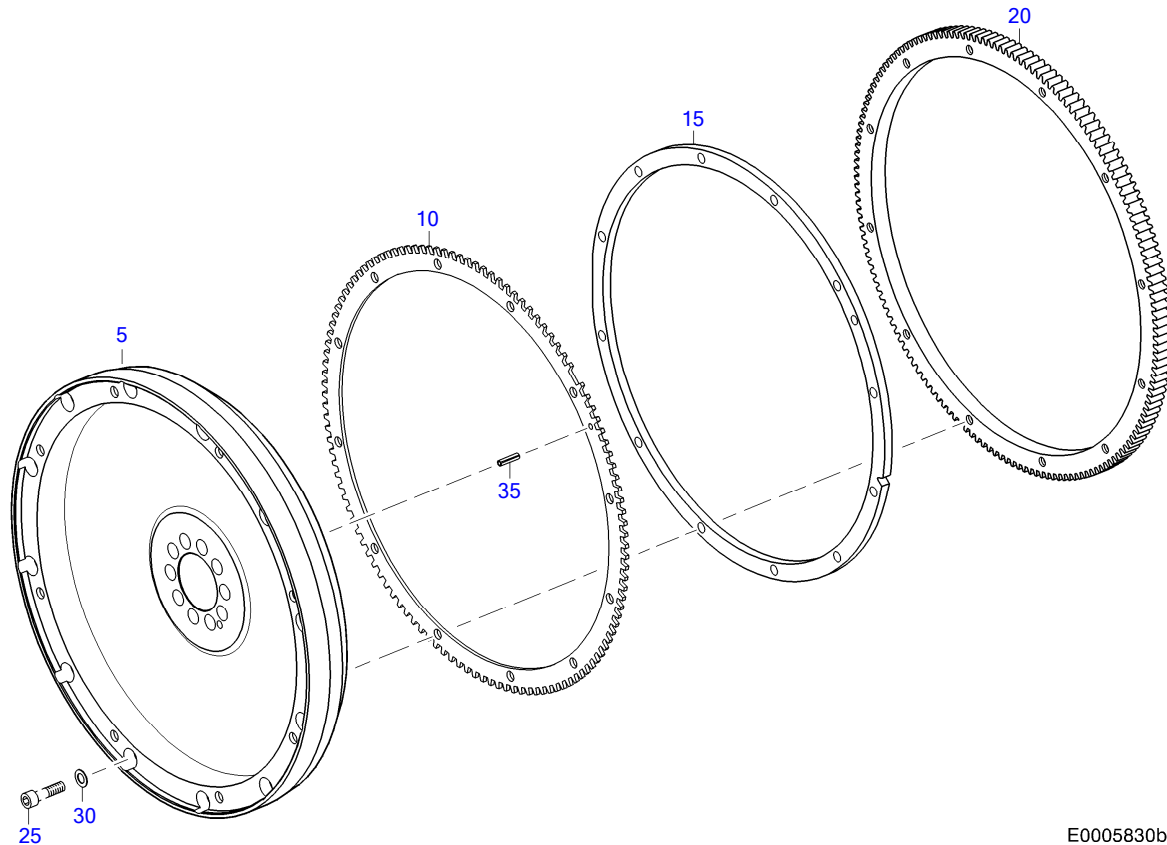
20
FLYWHEEL W/O ACCEPT CERTIFIC
030.00251

03200046a



03200046a

□	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
55	40	5310301105	FLYWHEEL	1	PC	40.158 kg	EM		
	50	5310320371	SCREW	10	PC	172.000 g		L = 95 MM/ DR-WINKEL90°	DBL9400.40



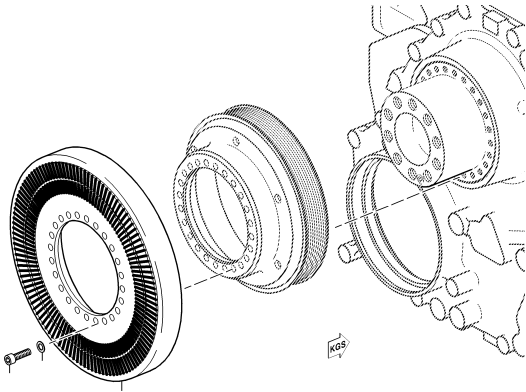
E0005830b1

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	5	5310321501	FLYWHEEL		1	PC	32.000 kg			
	10	5360520648	WHEEL METERING	16V2000M	1	PC	0.950 kg	EM		
	15	5310350251	RING SPACER FLYWHL MB 1	ABSTANDRING	1	PC	1.960 kg			
	20	4030320405	GEAR FLYWHL RING W/TAPPED HOLES		1	PC	4.700 kg			
	25	000912010071	BOLT HEX SOC HD		12	PC	44.300 g	M 10 X 60		DIN912
	30	200433010500	WASHER		12	PC	1.900 g	10,5		DIN433
	35	001481006005	SPRING PIN		1	PC	3.000 g	6 X 24 - N		ISO8752

GROUP SEGMENT (FGS)

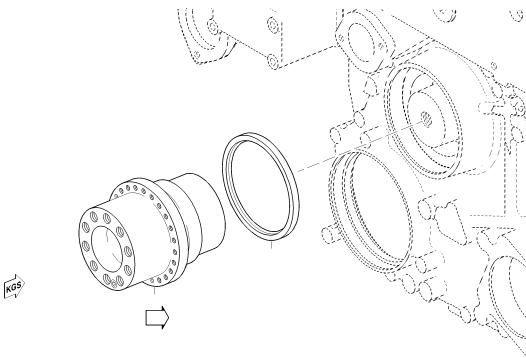
GROUP NAME

BOM-No.



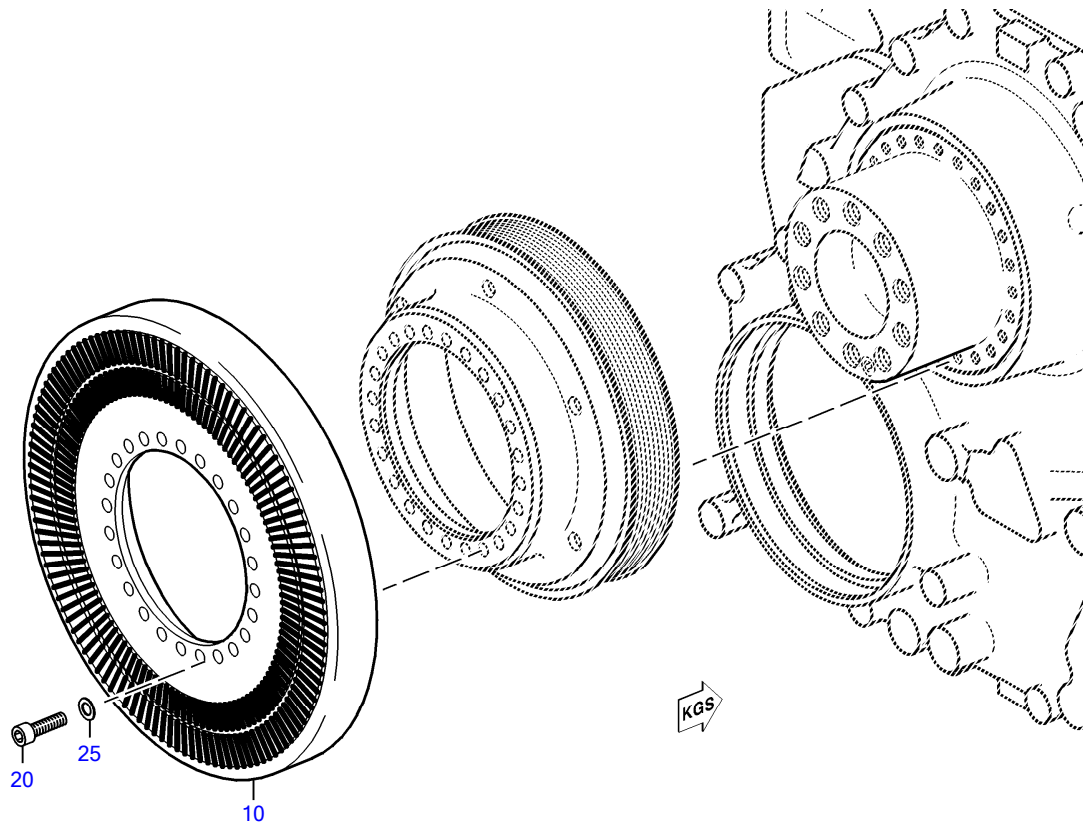
03500010a

05
VIBRATION DAMPER AUX PTO END (KGS)
030.00048



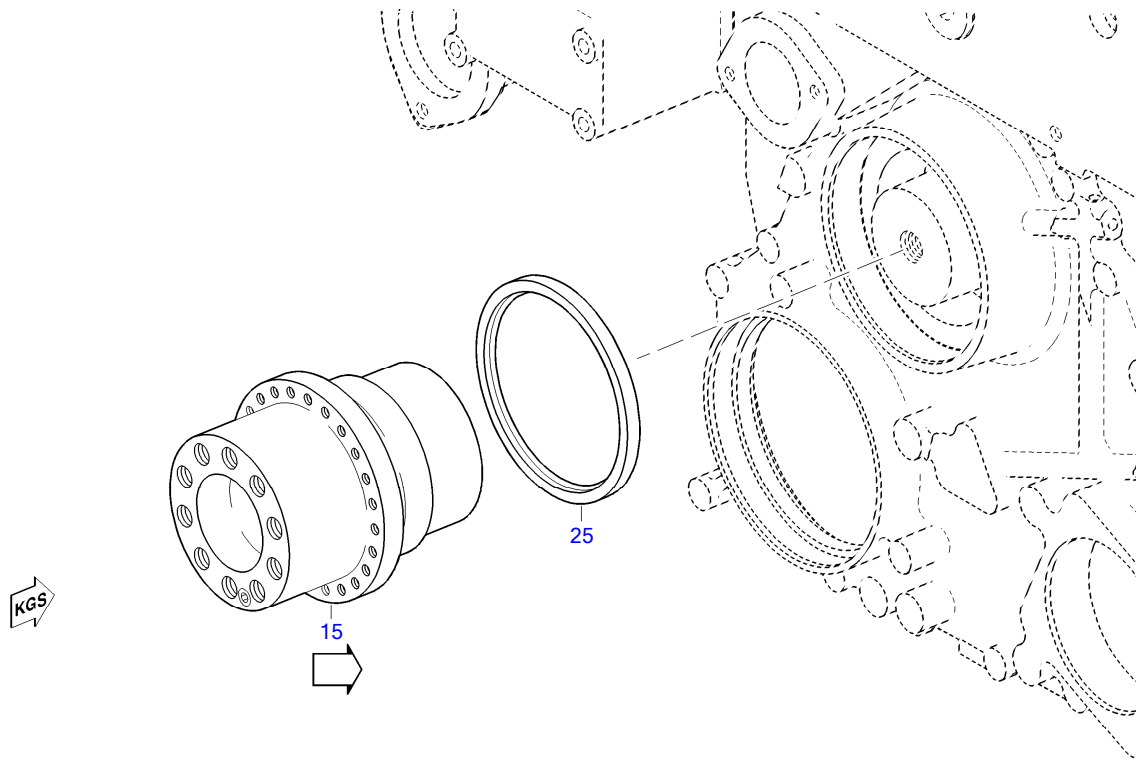
E0353020b1

25
PTO FLANGE AUX PTO END (KGS)
030.00135



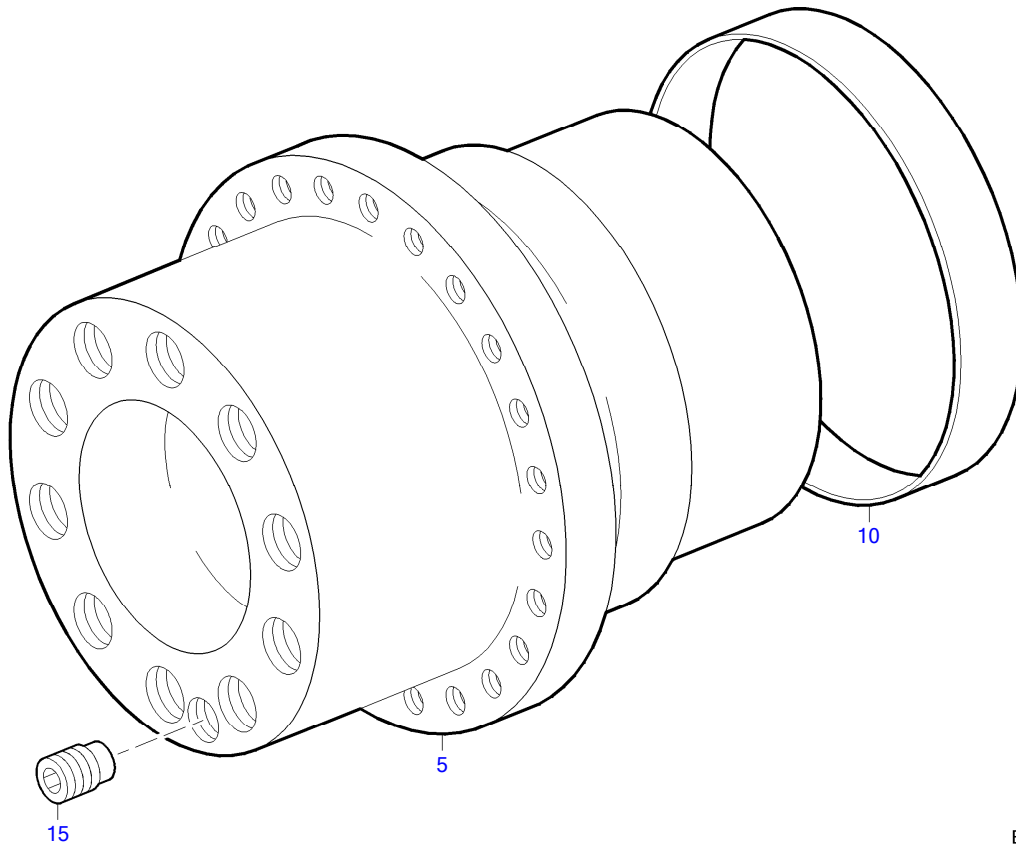
03500010a

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	0000352000	DAMPER VIBRATION	1	PC	11.609 kg		
	20	000912008023	SCREW	24	PC	17.100 g	M 8 X 35	DIN912
	25	200433008400	WASHER	24	PC	1.500 g	8,4	DIN433



E0353020b1

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
	15	5350300194	FLANGE DRIVE		1	PC	12.000 kg	P	
	25	5369970147	SEALING RING	BR2000	1	PC	227.800 g		FUER KURBELWELLE



E0005834a0

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
	5	5350350124	PTO FLANGE	1	PC	12.500 kg
	10	5360320014	SLEEVE WEAR FRONT CRSHF	1	PC	108.000 g
	15	5769970219	PLUG HEX SOC HD G1/4 17.5 X 11 42CRM04	1	PC	12.000 g

GROUP SEGMENT (FGS)

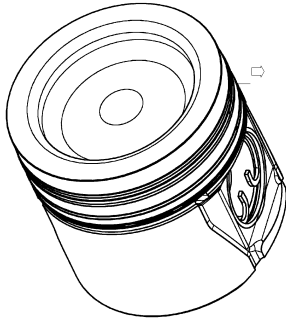
GROUP NAME

BOM-No.

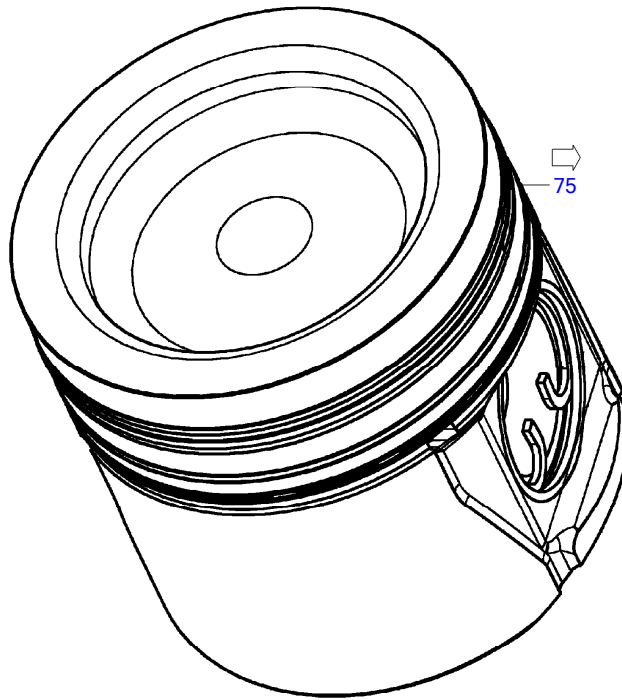
05

PISTON FOR MARINE APPLICS.


XS531030.00017

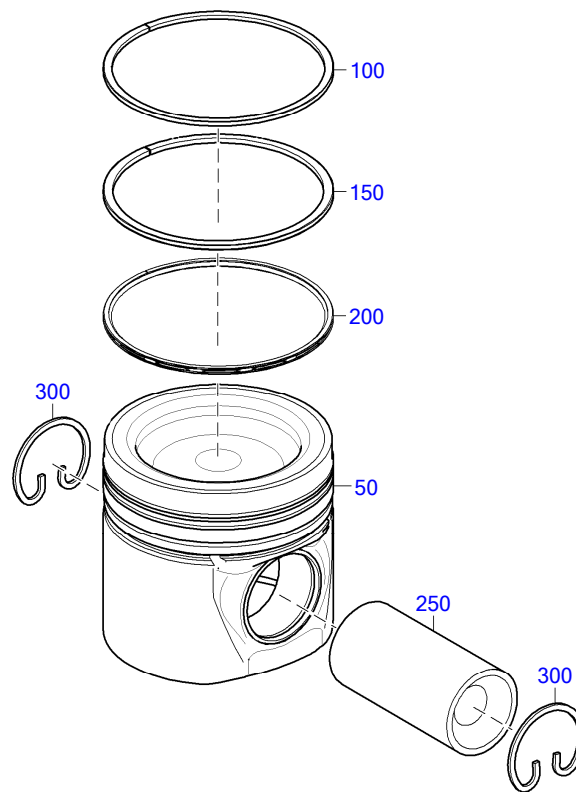


03700436



03700436

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
62	75	X53603700004	PISTON	ALU-VOLLSCHAFT 2000PLD	8	PC	3.656 kg	EM	Ø130 - E=16



03700589

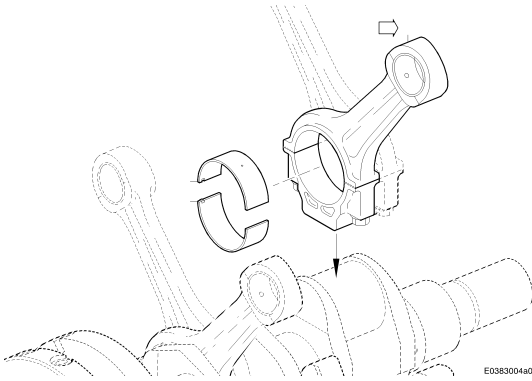
☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
	50	X53603700005	PISTON	ALU-VOLLSCHAFT 2000PLD	1	PC	3.655 kg	EM	Ø130 - E=16
	100	0090373419	RING PISTON FIRST COMPRESSION		1	PC	38.000 g	EM	130/120,4 X 4
	150	0090373519	RING PISTON SECOND COMPRESSION		1	PC	44.000 g	EM	130/119,2 X 3
	200	0120372918	RING OIL CONTROL		1	PC	31.000 g	EM	130/121,5 X 4
	250	5410370220	PISTON PIN		1	PC	1.280 g		
	300	5419940037	RING PISTON PIN SNAP		2	PC	8.600 g		

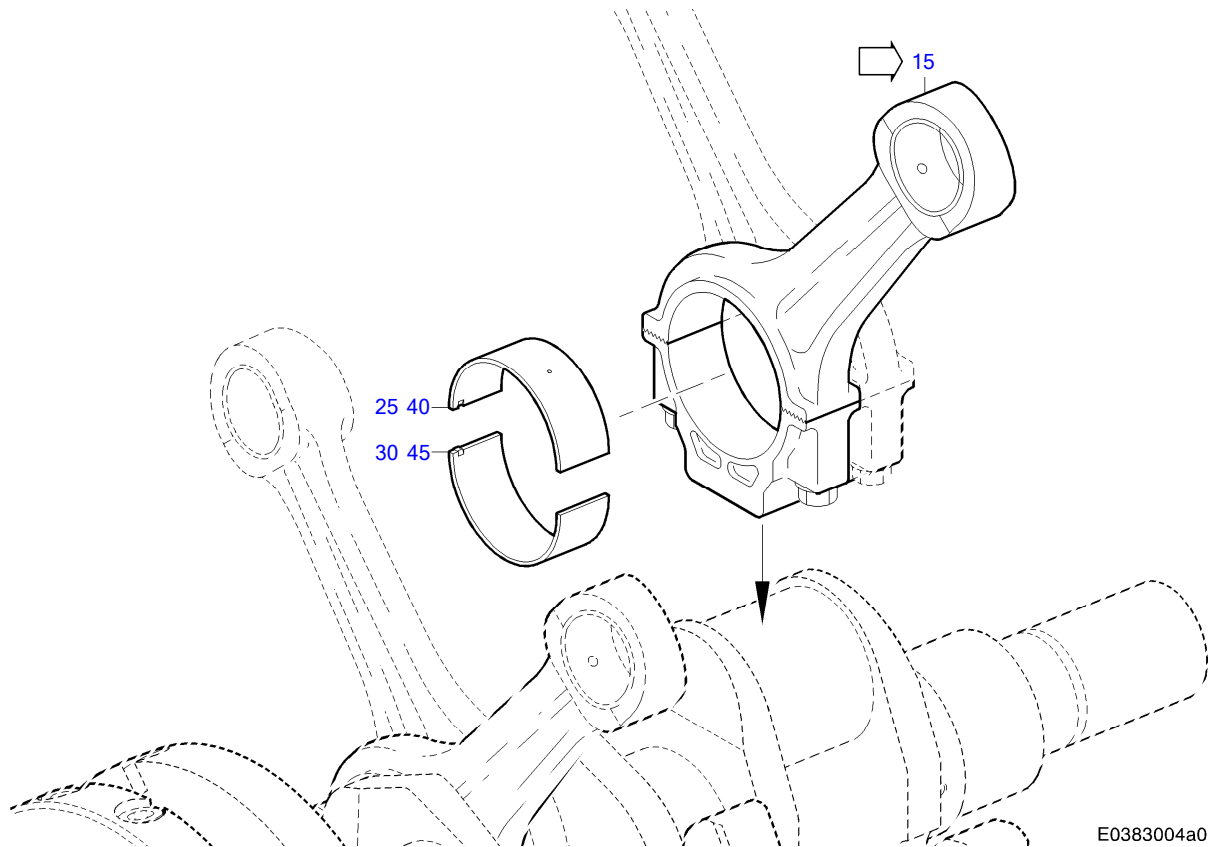
GROUP SEGMENT (FGS)

GROUP NAME

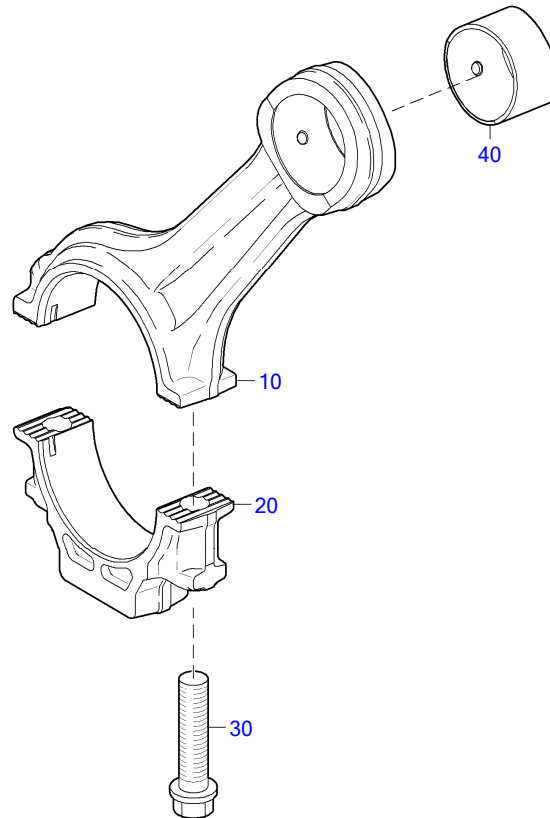
BOM-No.

10
CONROD
030.00165





□	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
65	15	X53103800016/87	CONROD		8	PC	3.900 kg	EM	
	25	5360382410	CONROD BEARING UPPER HALF	BR2000	8	PC	107.700 g		STANDART, OBERE HAELFTE
	30	5420382211	BEARING CONN ROD LOWER		8	PC	104.800 g		STUFE 0, UNTERE HAELFTE
	40	5360382510	CONROD BEARING UPPER HALF		1	PC	115.000 g	M	STUFE 1, OBERE HAELFTE
	45	5420382311	BEARING CONROD		1	PC	110.300 g	M	STUFE 1, UNTERE HAELFTE



03800212

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
	10	X53103800017	CONROD	1	PC		EM	
	20	X53103800018	CONROD CAP	1	PC			
	30	4420380071	CONROD BOLT	2	PC	126.900 g		L=67,5MM
	40	5410380250	CONROD BUSHING	1	PC	154.000 g		

EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
CYLINDER HEAD

SERIAL NUMBER: 531101840
FG/FGS: 041

GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.

05

CYLINDER HEAD FOR 8V
XS531040.00006

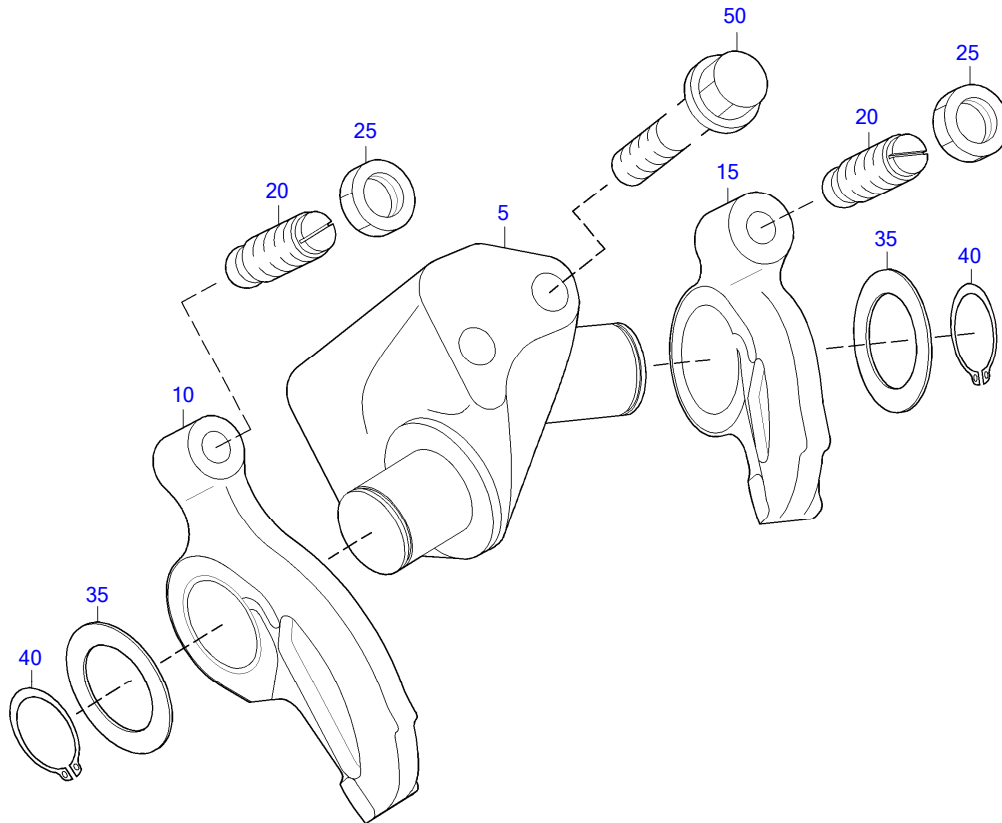
EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
CYLINDER HEAD FOR 8V

SERIAL NUMBER: 531101840

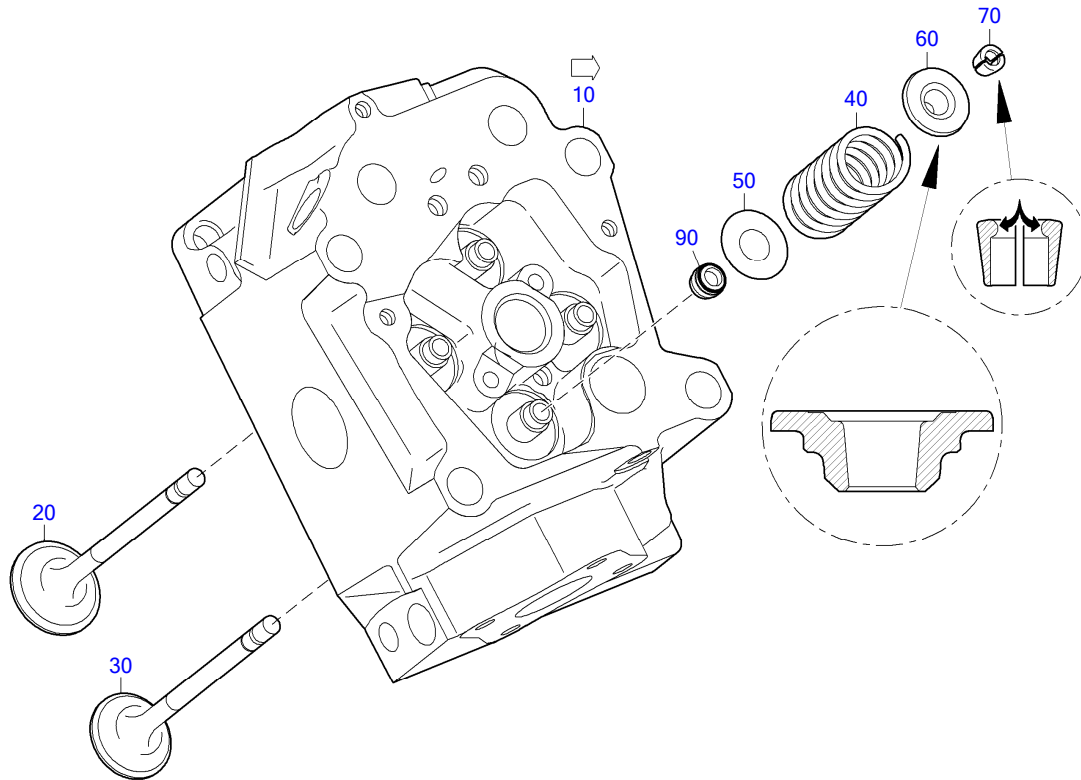
FG/FGS: 041 05
BOM-No.: XS531040.00006

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
69	100		CYL.HEAD WITH VALVES	8	PC	19.834 kg	EM	
	160	5410160920	GASKET CYLINDER HEAD	8	PC	65.000 g	EM	
	170	X53699100054	SPRING PIN	16	PC	4.800 g		
	180	5419900501	BOLT 12 PT CYL HD MTG	32	PC	408.600 g		M18 X 2 X 210
68	210	5410501336	ROCKER SHAFT SUPPORT W/ROCKER ARM	8	PC	1.619 kg		
	230	5410550806	BRIDGE VALVE FLOATING	16	PC	82.000 g		
	250	RX53604100011	CYL.HEAD WITH VALVES	1	PC	19.000 kg	EM	
	270	EX53604100011	CYL.HEAD WITH VALVES	1	PC	19.000 kg	EM	



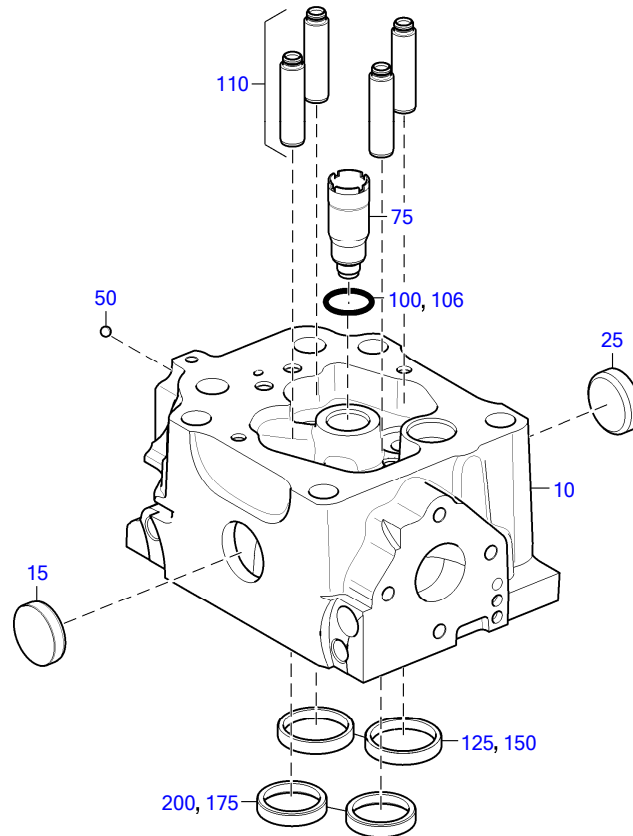
05500345a

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	5	5410501236	ROCKER SHAFT SUPPORT	BR2000	1	PC			
	10	5410500834	ROCKER ARM, EXHAUST		1	PC	324.300 g		
	15	5410500933	ROCKER ARM, INLET		1	PC	196.000 g		
	20	5410550620	SCREW ADJUSTING		2	PC	28.700 g		
	25	4229900051	NUT		2	PC	6.500 g		
	35	0019908240	SPACER		2	PC	4.100 g		
	40	000471024000	RING SNAP		2	PC	1.800 g	24 X 1,2	DIN471
	50	5419900304	HEX SCREW		2	PC	61.900 g	M10 X 90	



04101305

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
70	10	5410101821	CYLINDER HEAD FOR MARINE APPLICS.	BR2000PLD MARINE	1	PC	19.000 kg	EM	SIEHE MB TAB 5410101720
	20	X51604100025	INLET VALVE		2	PC	147.000 g		
	30	5410500227	VALVE		2	PC	143.400 g	EM	45°
	40	X53204100001	VALVE SPRING		4	PC	76.500 g		
	50	3669900240	WASHER VALVE SPRING		4	PC	2.900 g		
	60	5410530225	RETAINER VALVE SPRING		4	PC	32.000 g		
	70	5410530226	KEEPER VALVE		8	PC	1.600 g		
	90	0000535858	VALVE STEM SEAL		4	PC	2.800 g		



04101080

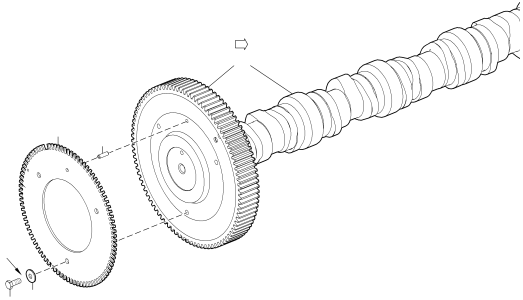
☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	10	5410161601	CYLINDER HEAD		1	PC		EM		
	15	5419980190	END COVER FOR CYLINDER HEAD	BR2000PLD	1	PC				
	25	0009974320	PLUG CUP 40MM DIA		1	PC	23.900 g		SIEHE MB TAB 0009975520	
	50	005401305500	BALL		1	PC	0.600 g		5MMKU5V	DIN5401
	75	5410170388	PROTECTIVE SLEEVE		1	PC	59.600 g		M14 X 1	
	100	5419970345	SEALING RING		1	PC	1.800 g		25 X 3,7	
	106	5419970745	O-RING		1	PC	1.600 g		25 X 3,7	
	110	5410532730	VALVE GUIDE FOR CYLINDER HEAD	BR2000PLD	4	PC	44.800 g		SIEHE MB TAB 5410532630	
	125	5410532131	INSERT VALVE SEAT IN TAKE		2	PC	32.400 g	EM	EINLASS STANDARD	
	150	5410532531	VALVE SEAT RING INL		1	PC	35.000 g	M	STUFE +0,4	
	175	5410530532	INSERT EXHAUST VALVE SEAT		2	PC	26.900 g	EM	STANDARD	
	200	5410530632	VALVE SEAT INSERT		1	PC	28.600 g	M	STUFE +0,2	

GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.

05
CAMSHAFT FOR MARINE
XS531050.00001



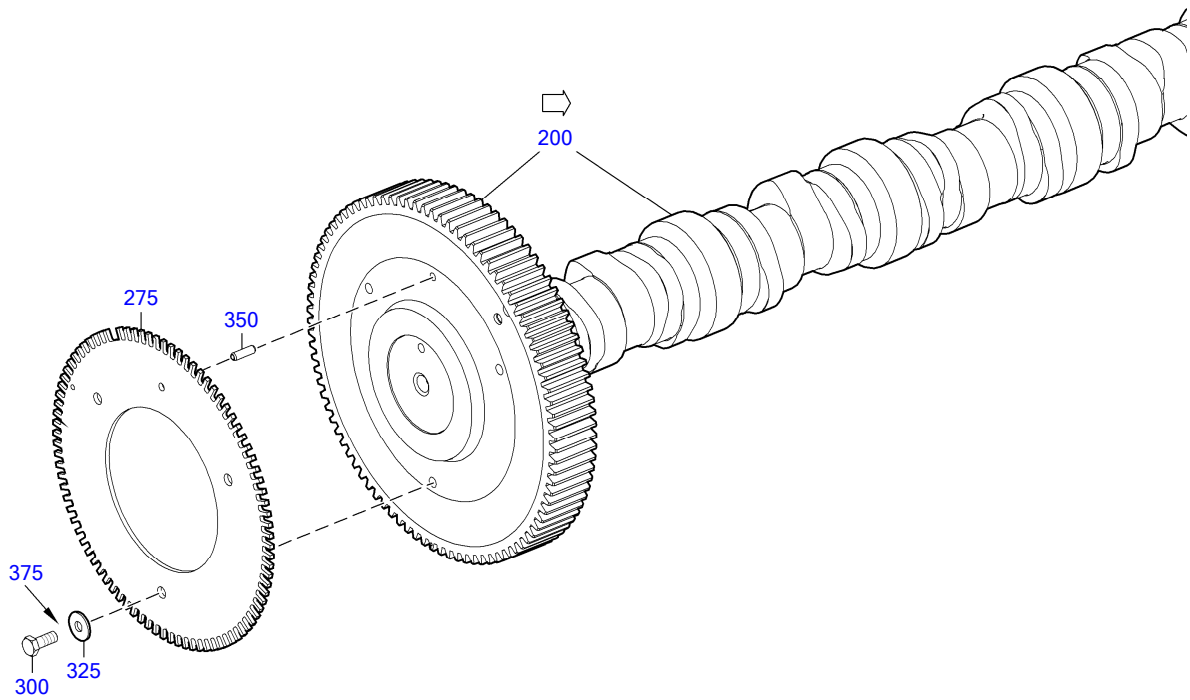
05100470

EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
CAMSHAFT FOR MARINE

SERIAL NUMBER: 531101840

FG/FGS: 051 05
BOM-No.: XS531050.00001



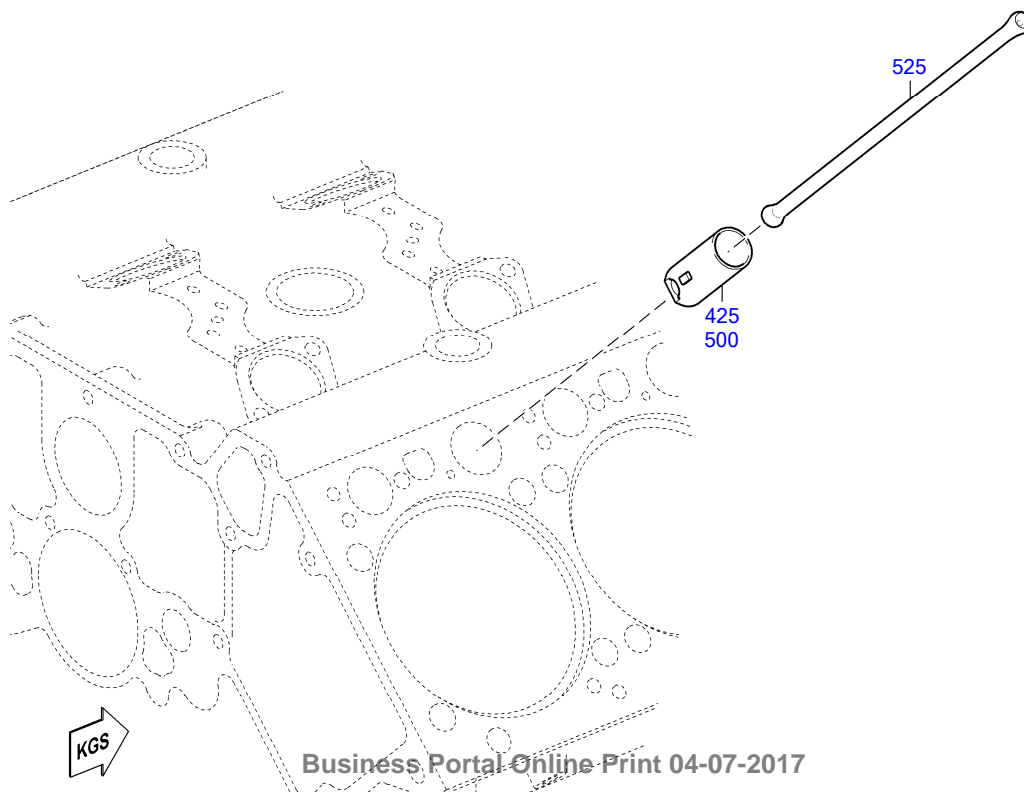
05100470

EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
CAMSHAFT FOR MARINE

SERIAL NUMBER: 531101840

FG/FGS: 051 05
BOM-No.: XS531050.00001



KGS

Business Portal Online Print 04-07-2017

05100472

EQUI TYPE: Engine

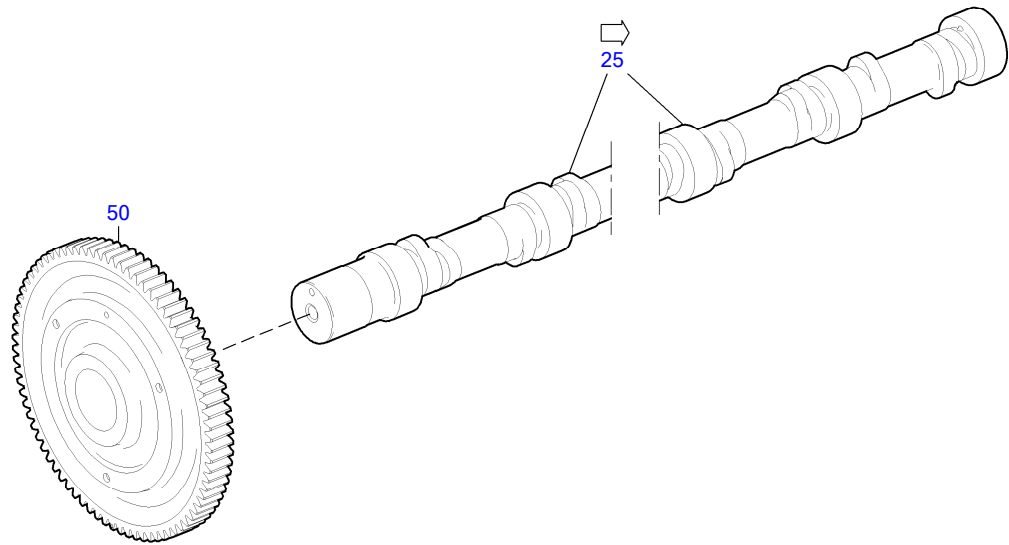
PRODUCT TYPE: 8V2000M41A
CAMSHAFT FOR MARINE

SERIAL NUMBER: 531101840

FG/FGS: 051 05

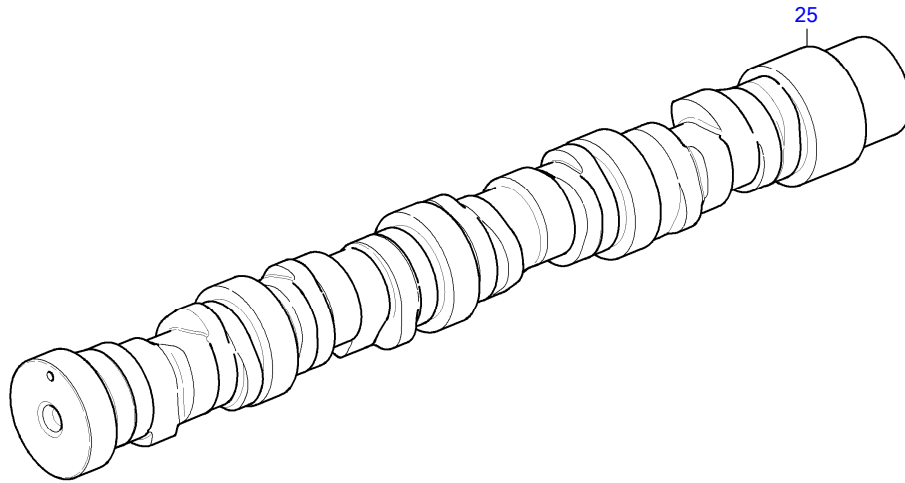
BOM-No.: XS531050.00001

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
73	200	X53105100010	CAMSHAFT W/CAMSHAFT GEAR		1	PC	46.250 kg	EM		
	275	X53105200001	CAMSHAFT GEAR FOR MARINE APPLICS.		1	PC	951.900 g	EM		
	300	304017008081	HEX SCREW		3	PC	13.400 g		M 8 X 25	ISO4017
	325	752C06057/1	WASHER		3	PC	4.600 g			
	350	001481006004	PIN SPRING		1	PC	2.400 g		6 X 20 - N	ISO8752
	375	40083	SCREW LOCKING DEVICE LOCTITE 270		1	PC	80.400 g		1 KAR = 12 ST Å 50 ML	MMN377A
	425	5410501222	ROLLER TAPPET	BR2000PLD+CR; BR1800; BETA	16	PC	209.000 g			LIEFERANT MAHLE
	500	5410501622	ROLLER TAPPET STAGE 0,5		1	PC	0.220 kg			REPARATURSTUFE 0,5
	525	5410540505	ROD PUSH ROCKER ARM 369MM		16	PC	282.100 g			




05100469

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN
74	25	X53105100008	CAMSHAFT FOR MARINE APPLICS.	1	PC		EM
	50	X00029099	CAMSHAFT GEAR	1	PC	11.135 kg	EM



05100467

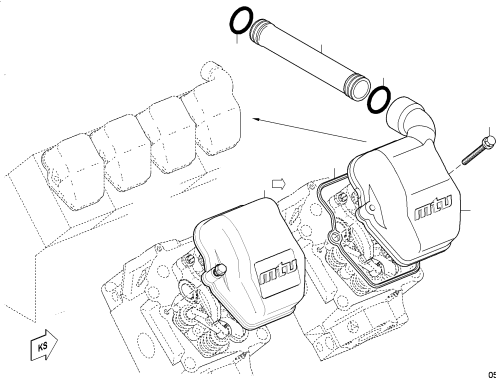
	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT
	25	H5310510601	CAMSHAFT	1	PC	45.900 kg	DM 96,0 +0,5; 787 MM LANG

GROUP SEGMENT (FGS)

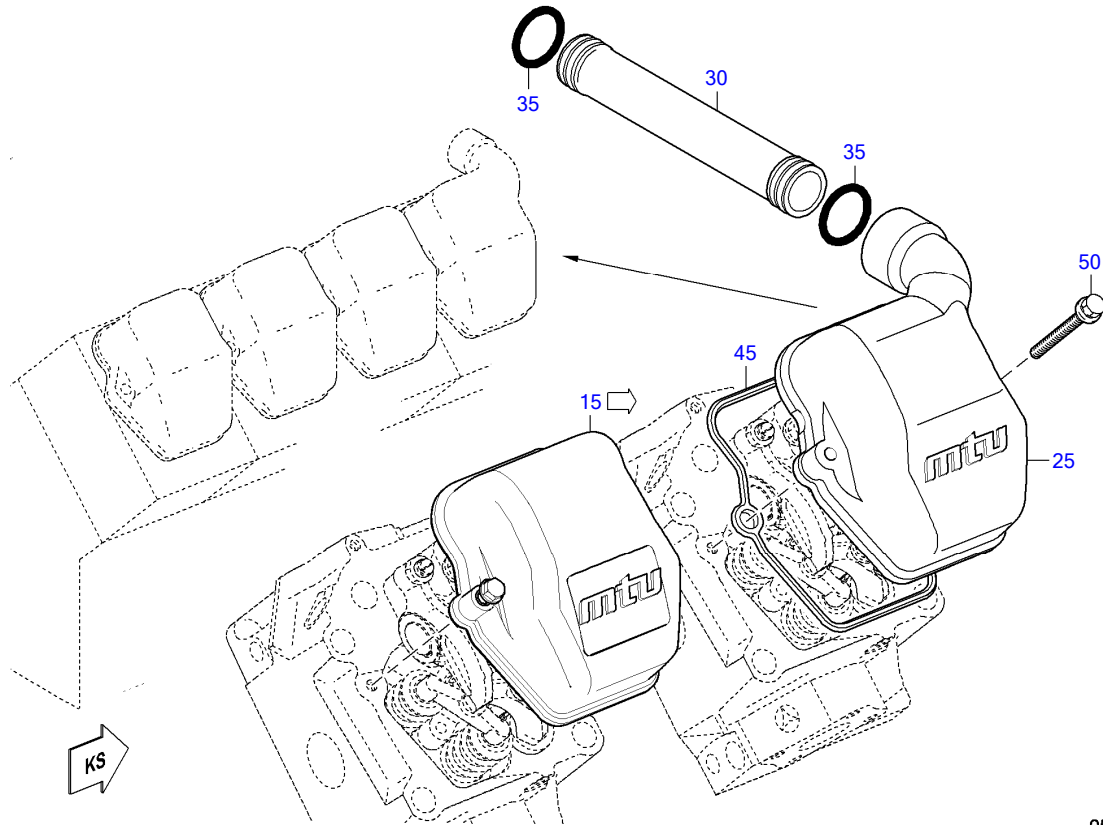
GROUP NAME

BOM-No.

10
CYLINDER HEAD COVER FOR STANDARD VERSIO
XS531040.00001

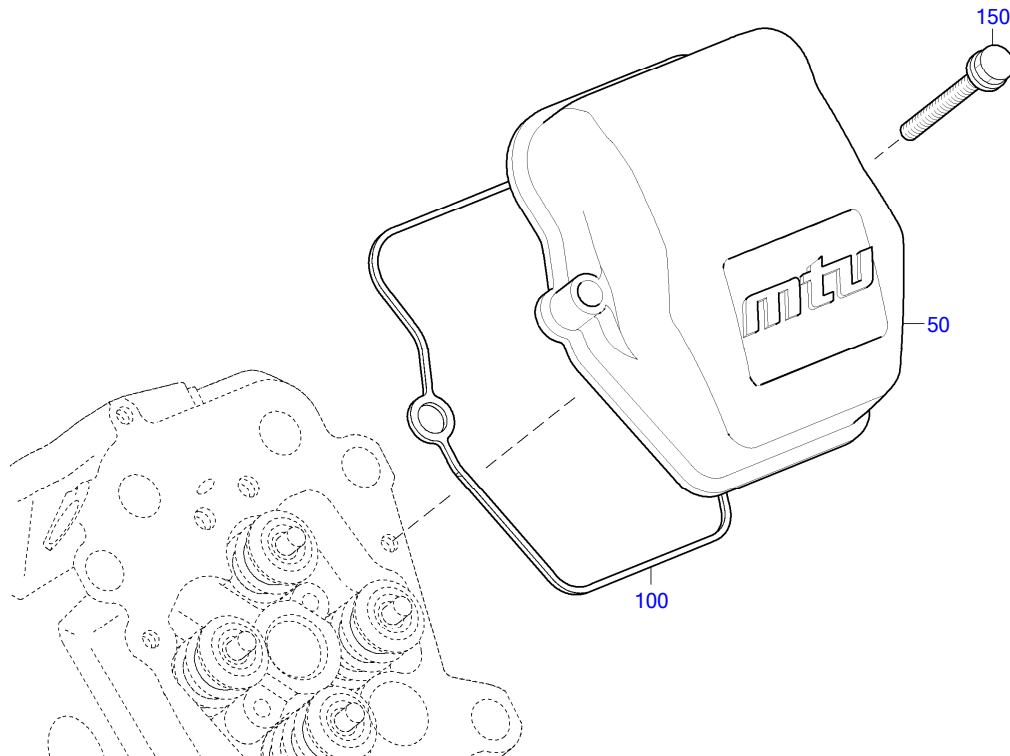


05500462a



05500462a

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	77	15	X53605500009	CYLINDER HEAD COVER	7	PC	324.700 g		
		25	X53605500006	CYLINDER HEAD COVER	1	PC	970.000 g		
		30	735078032012	PIPE PLUG-IN	1	PC	392.700 g	32 X 230	MTN5078-1
		35	700429036001	O-RING	2	PC	5.500 g	36 X 5	MMN429
		45	5410160421	GASKET	1	PC	19.200 g		16V 2000 M91
		50	910105008022	HEX SCREW	2	PC	0.024 kg	M 8X 45	MBN10105



04100768a

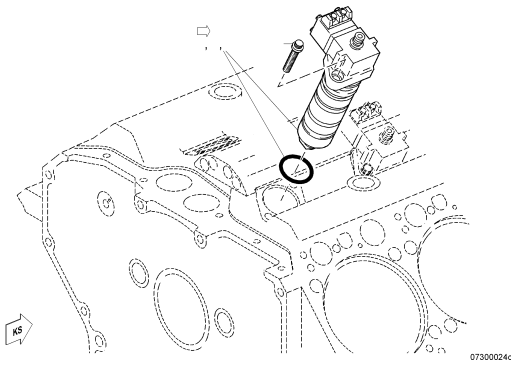
☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	50	X53605500004	CYLINDER HEAD COVER		1	PC	236.000 g		
	100	5410160421	GASKET	16V 2000 M91	1	PC	19.200 g		
	150	910105008022	HEX SCREW		2	PC	0.024 kg	M 8X 45	MBN10105

GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.

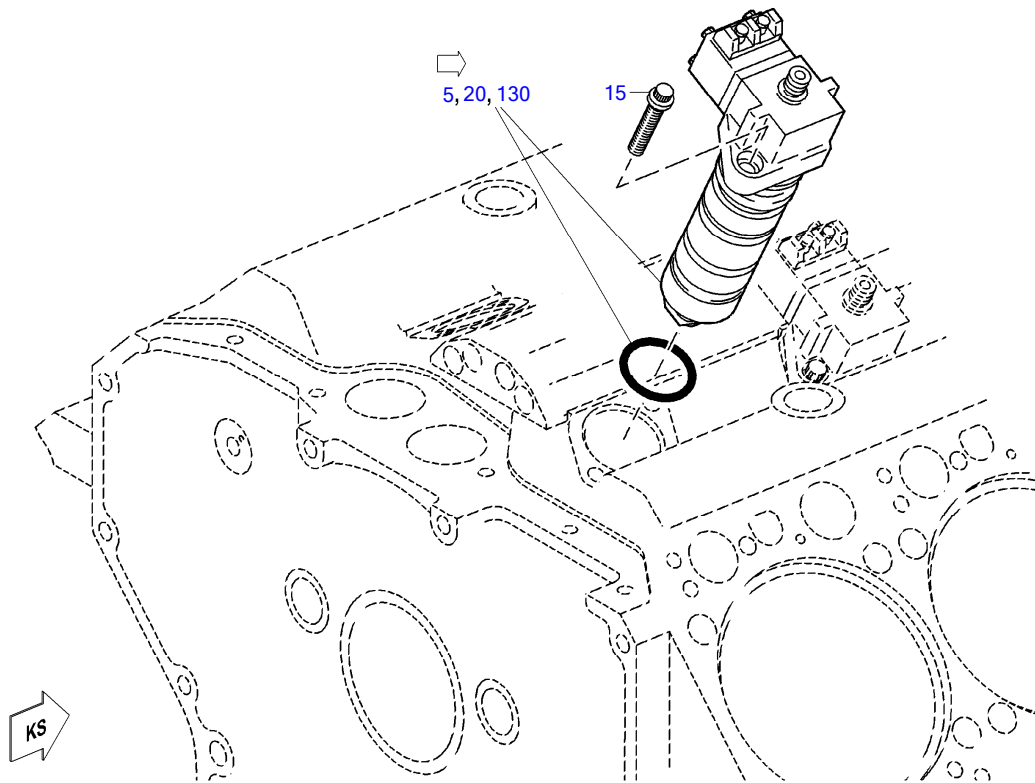
05
FUEL SYSTEM HIGH PRESSURE
070.00096



EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
FUEL SYSTEM HIGH PRESSURE

SERIAL NUMBER: 531101840
FG/FGS: 073 05
BOM-No.: 070.00096

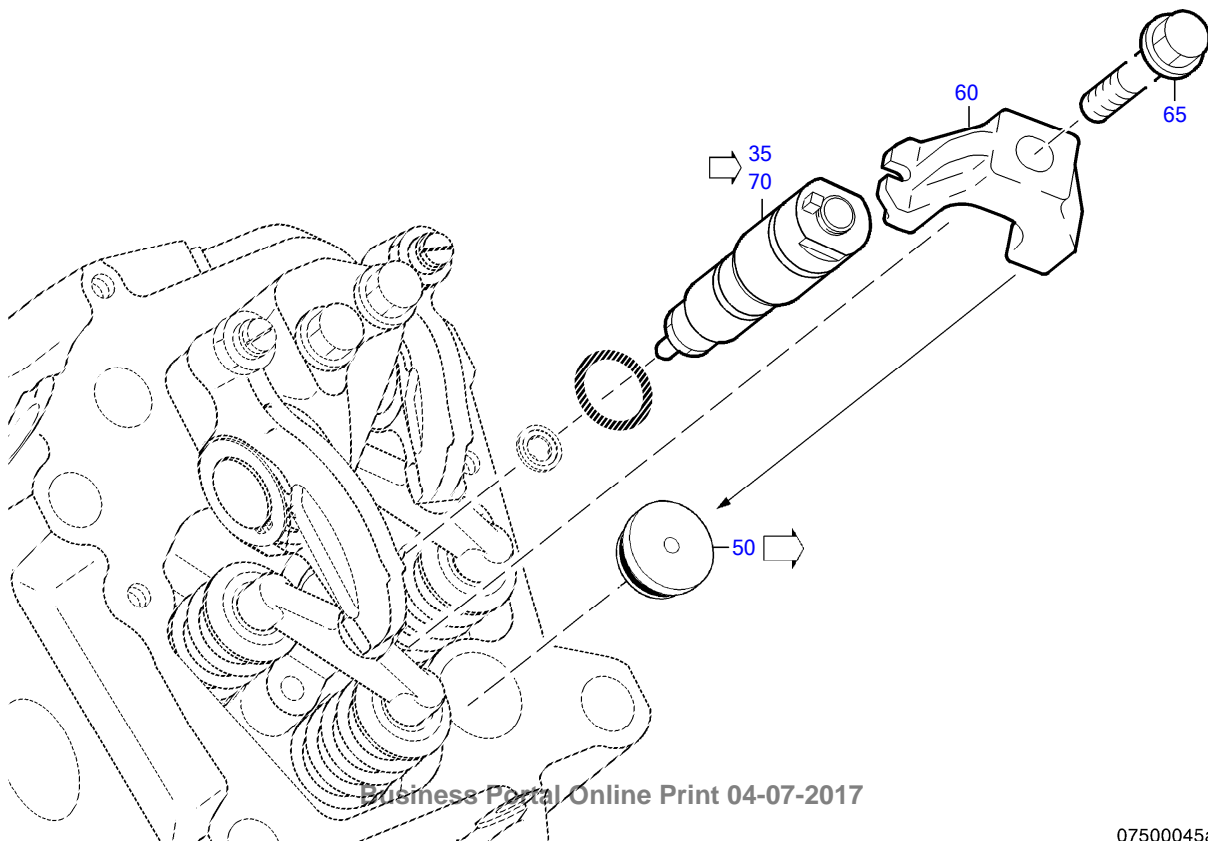


07300024c

EQUI TYPE: Engine

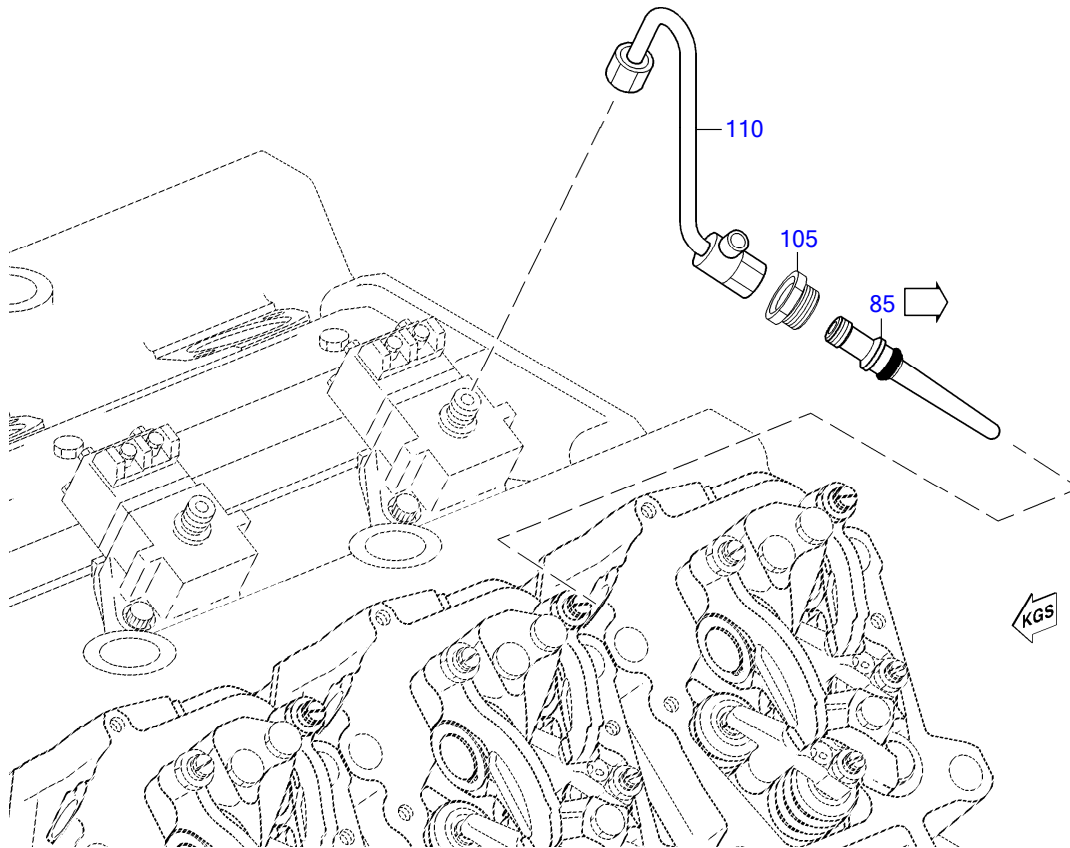
PRODUCT TYPE: 8V2000M41A
FUEL SYSTEM HIGH PRESSURE

SERIAL NUMBER: 531101840
FG/FGS: 073 05
BOM-No.: 070.00096



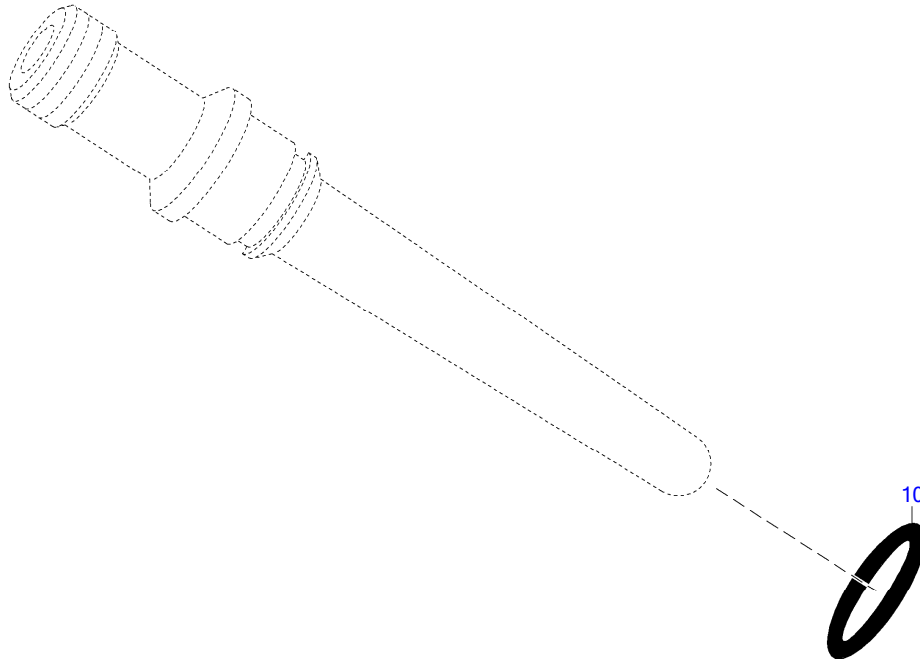
Business Portal Online Print 04-07-2017

07500045a



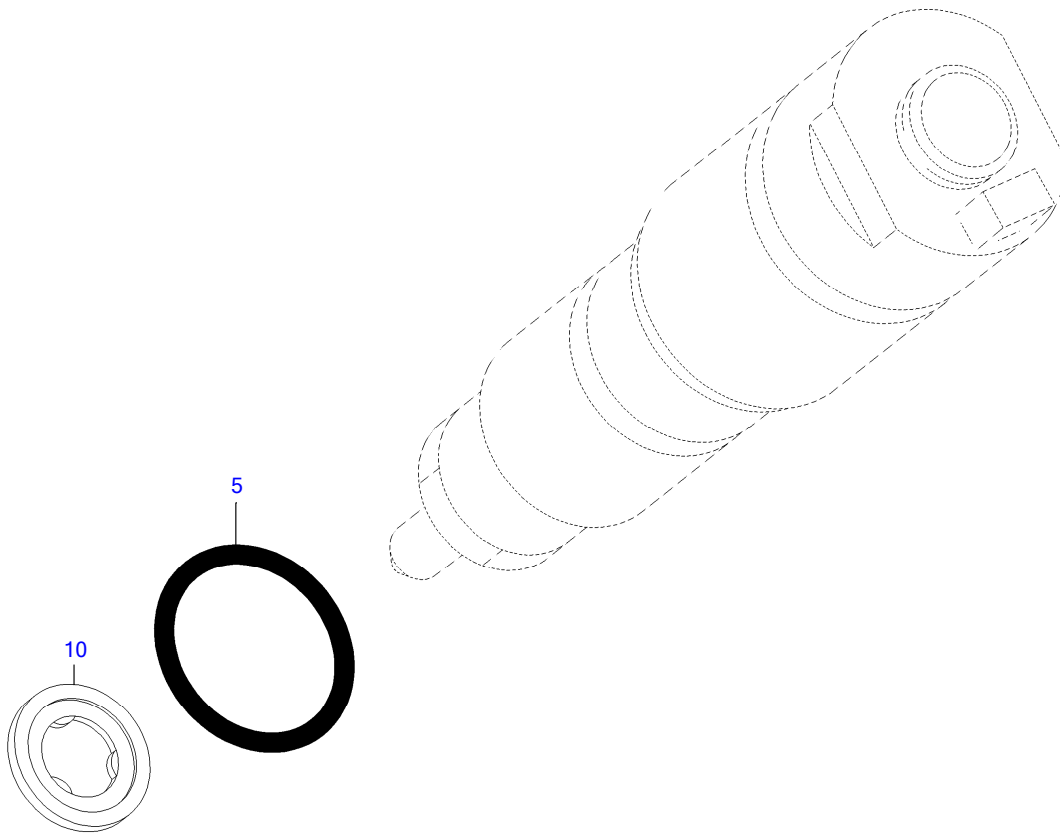
07700021a

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
	82	5 0050709601	HP PUMP	8	PC	3.200 kg	EM	
		15 5419900301	BOLT 12PT EUP MTG	16	PC	33.000 g		M10 X 50
		20 E0050709601	HP PUMP	8	PC	3.200 kg	EM	
	81	35 0010100851	NOZZLE HOLDER	8	PC	295.000 g	EM	
	83	50 5410100535	PLUG ASM INJECTOR CLAMP W/O-RING	8	PC	81.100 g		
		60 5410780535	CLAMP	8	PC	204.900 g		
		65 5419900304	HEX SCREW	8	PC	61.900 g		M10 X 90
		70 E0010100851	NOZZLE HOLDER	8	PC	300.000 g	EM	
	80	85 0000170624	TUBE ASM FUEL INJECTOR 2.5MM ID NO BAND	8	PC	87.400 g	P	2,5MM MIT STABFILTER
		105 5410170171	RETAINER NUT	8	PC	23.200 g		
		110 X53107700002	FUEL LINE JACKETED	8	PC	275.000 g		DI = 2,5MM
		130 R0050709601	HP PUMP	8	PC	3.200 kg	EM	



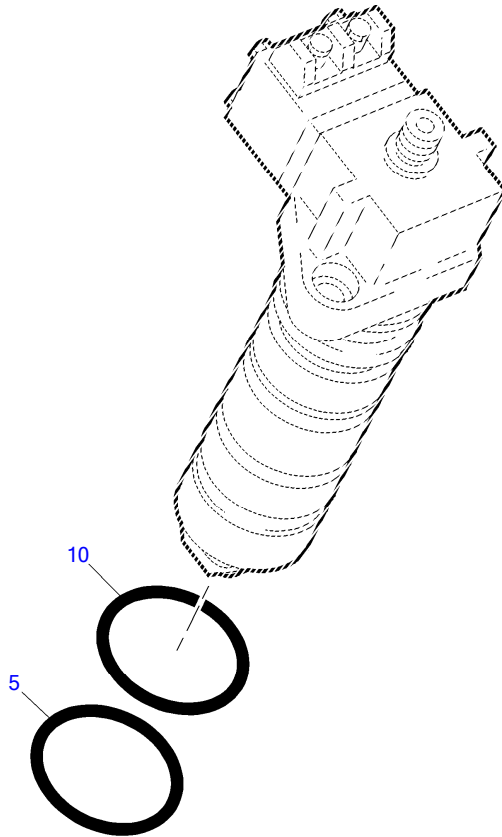
07700565

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT
	10	5419970645	SEALING RING	1	PC	1.000 g	11 X 3




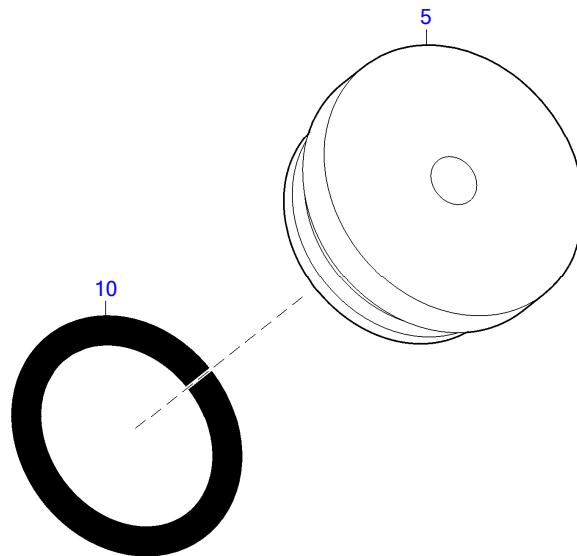
E0005386e1

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT
	5	5419970545	O-RING	1	PC	1.000 g	20,9 X 3
	10	9060170260	WASHER SEALING CU S2000/S55	1	PC	3.000 g	




07300007a

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT
	5	0239976548	SEALING RING BOTTOM	1	PC	1.600 g	45 X 2,5
	10	0239976448	SEALING RING TOP	1	PC	1.400 g	47 X 2,5



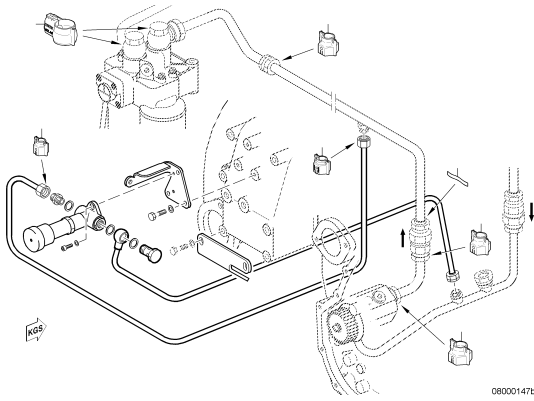
07500061c

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT
	5	5410160633	COVER	1	PC	0.080 kg	
	10	5419970445	SEALING RING	1	PC	0.003 g	25 X 2,3

GROUP SEGMENT (FGS)

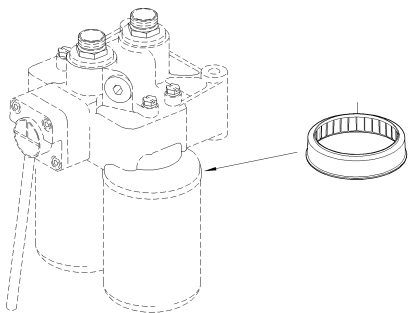
GROUP NAME

BOM-No.



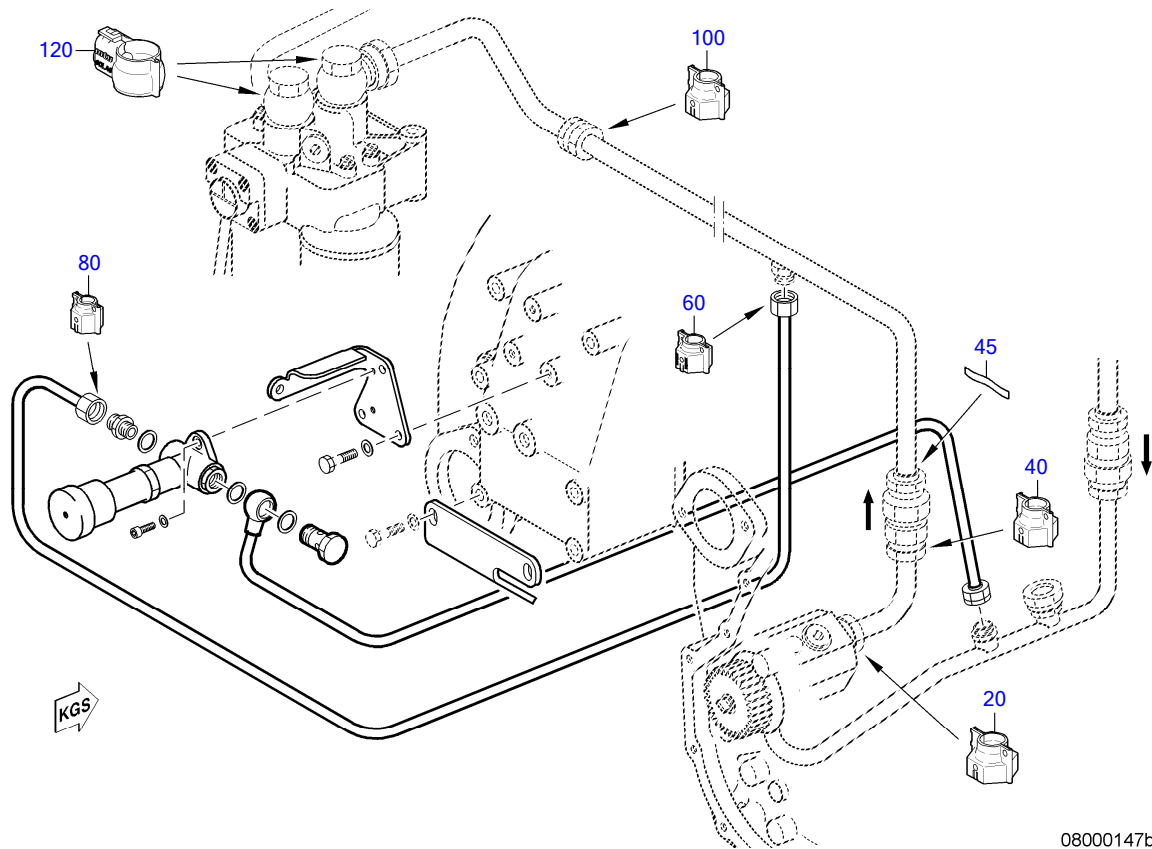
00
COVER FOR SOLAS
X00015606

08000147b



00
COVER FOR SOLAS
X00017128

08000148b



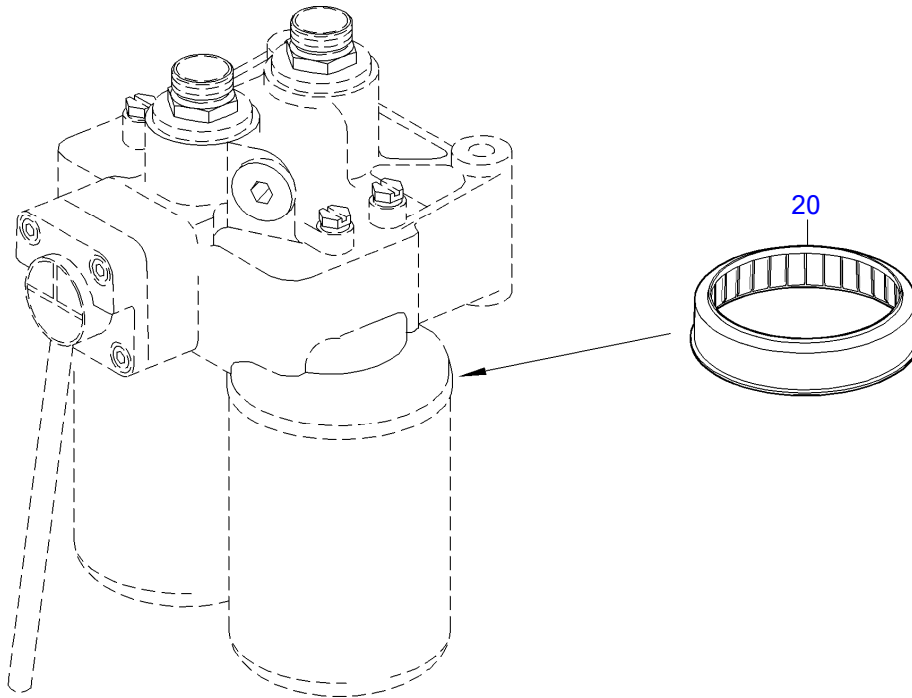
08000147b

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	20	735233000104	COVER	1	PC	6.000 g	A 8 - X00004798	MTN5233
	40	735233000103	COVER	1	PC	6.000 g	A 7 - X00004797	MTN5233
	45	X00058041	3M ALUMINIUM ADHESIVE TAPE 427	1	ROL	900.000 g		
	60	735233000102	COVER	1	PC	3.800 g	A 6 - X00004796	MTN5233
	80	735233000101	COVER	1	PC	3.000 g	A 5 - X00004694	MTN5233
	100	735233000103	COVER	1	PC	6.000 g	A 7 - X00004797	MTN5233
	120	735233000203	COVER	2	PC	12.700 g	B 5 - X00009784	MTN5233

EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
COVER FOR SOLAS

SERIAL NUMBER: 531101840
FG/FGS: 080 00
BOM-No.: X00017128

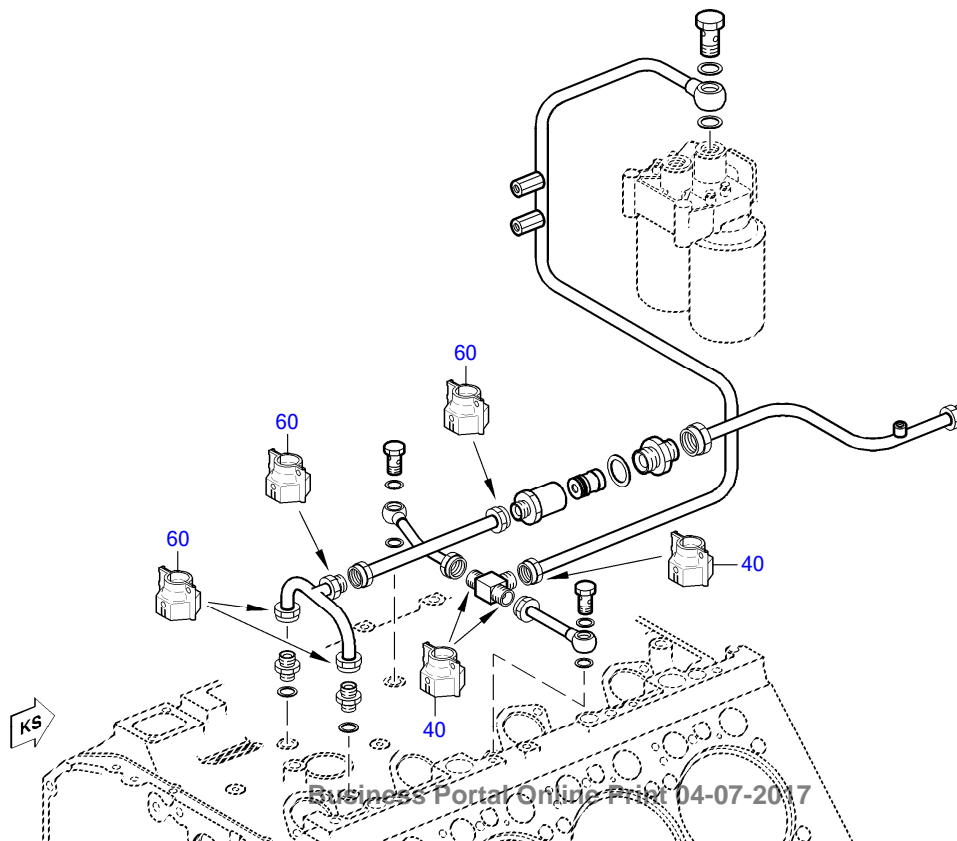


08000148b

EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
COVER FOR SOLAS

SERIAL NUMBER: 531101840
FG/FGS: 080 00
BOM-No.: X00017128



08000149b


EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
COVER FOR SOLAS

SERIAL NUMBER: 531101840

FG/FGS: 080 00

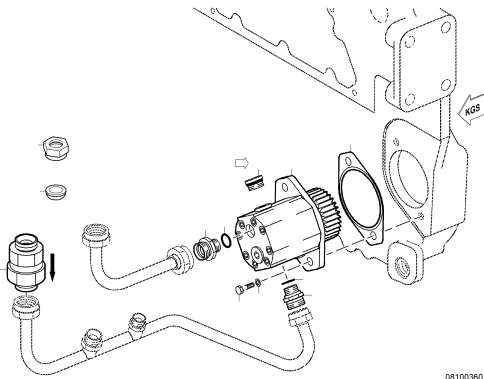
BOM-No.: X00017128

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	20	X00009654	COVER FOR SOLAS	8/10M2000M72/M92/M93	2	PC	15.600 g		
	40	735233000103	COVER		3	PC	6.000 g	A 7 - X00004797	MTN5233
	60	735233000103	COVER		4	PC	6.000 g	A 7 - X00004797	MTN5233

GROUP SEGMENT (FGS)

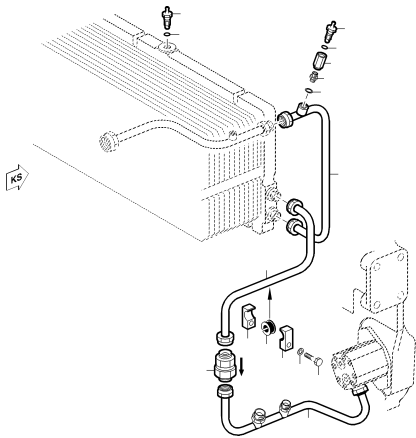
GROUP NAME

BOM-No.



05
FUEL SYSTEM LOW PRESSURE
080.00039

08100360



05
PIPEWORK FOR FUEL COOLER
080.00040

08400446a

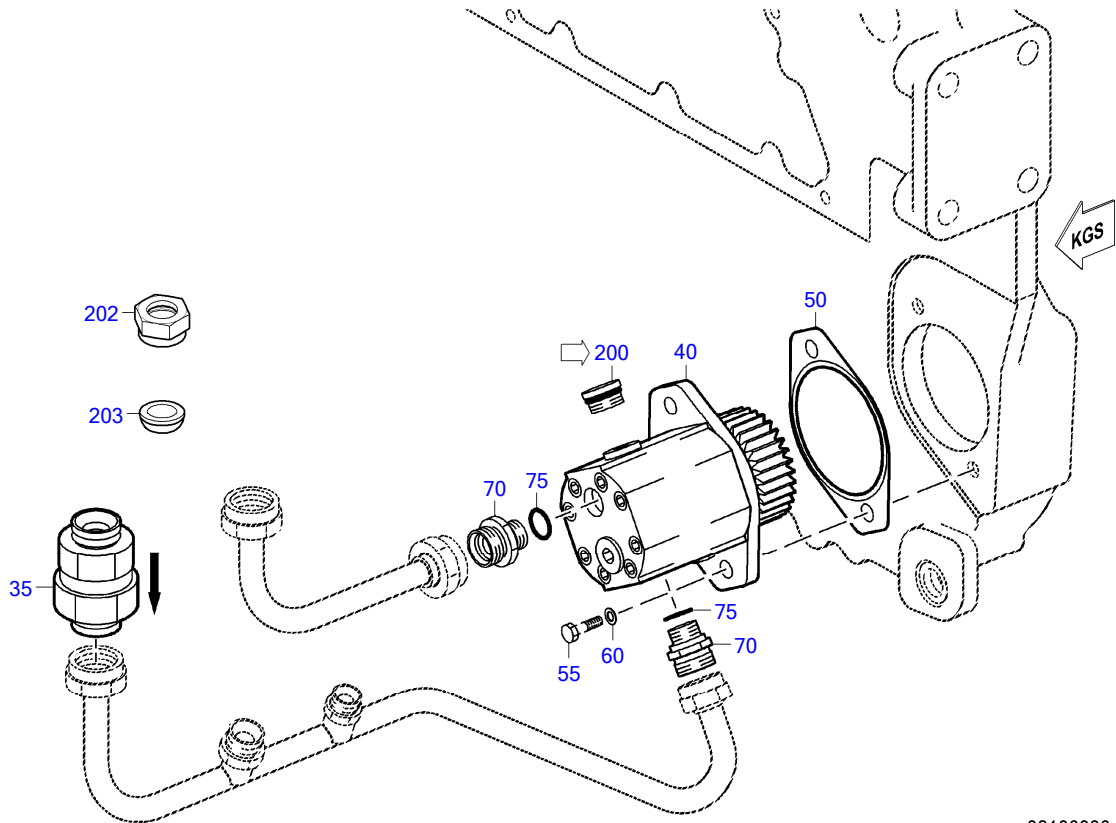
EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
FUEL SYSTEM LOW PRESSURE

SERIAL NUMBER: 531101840

FG/FGS: 081 05

BOM-No.: 080.00039



08100360

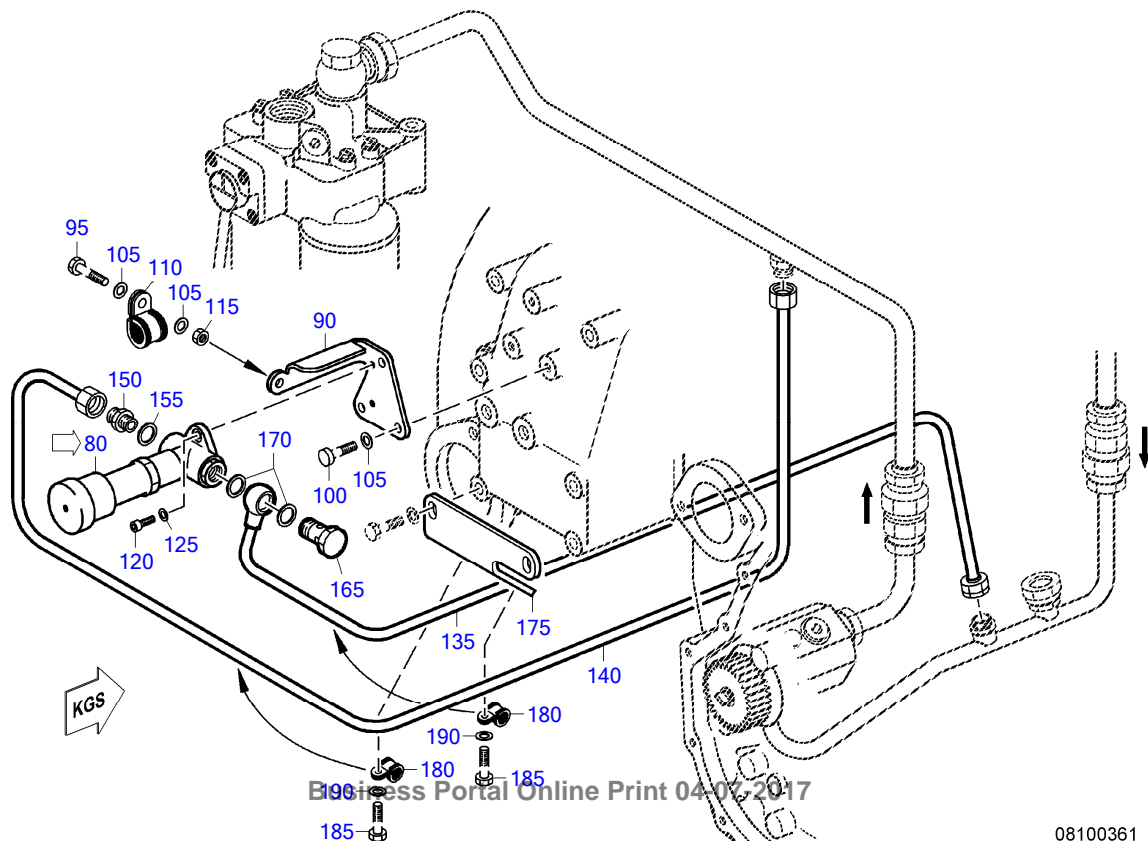
EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
FUEL SYSTEM LOW PRESSURE

SERIAL NUMBER: 531101840

FG/FGS: 081 05

BOM-No.: 080.00039



08100361

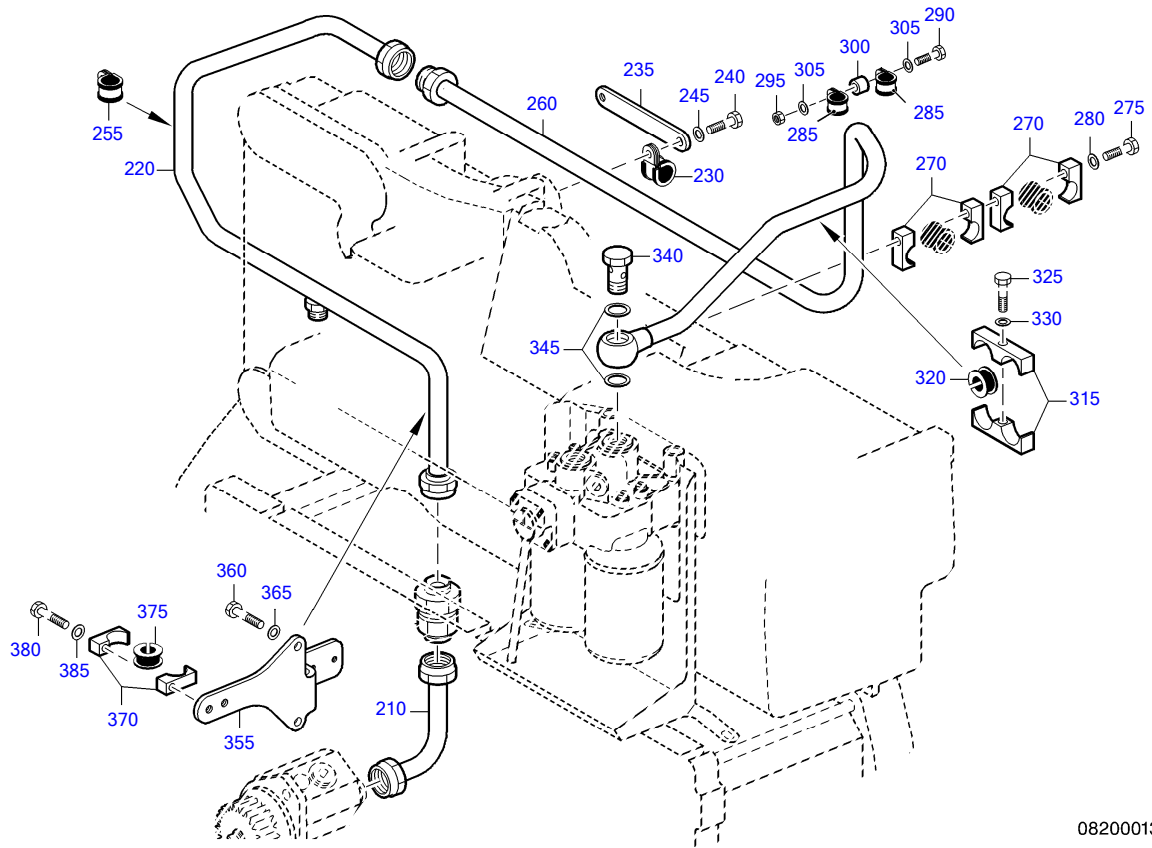
EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
FUEL SYSTEM LOW PRESSURE

SERIAL NUMBER: 531101840

FG/FGS: 081 05

BOM-No.: 080.00039



08200013a

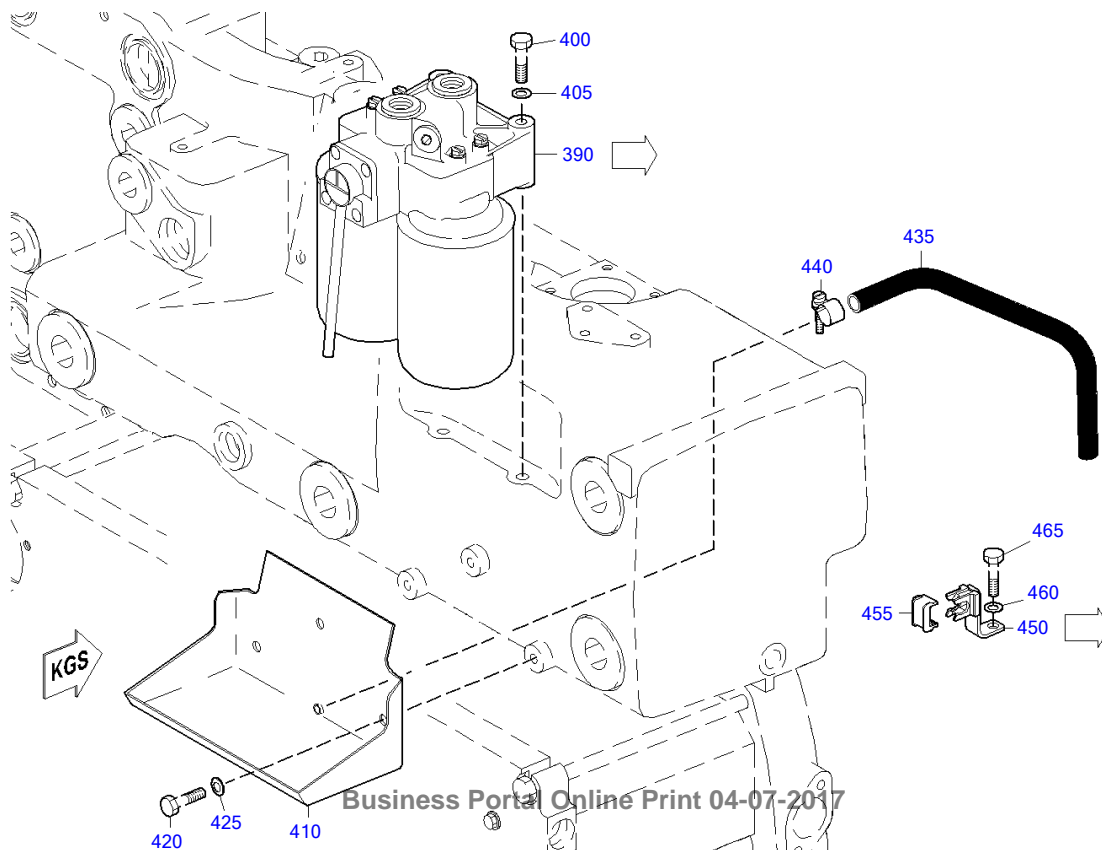
EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
FUEL SYSTEM LOW PRESSURE

SERIAL NUMBER: 531101840

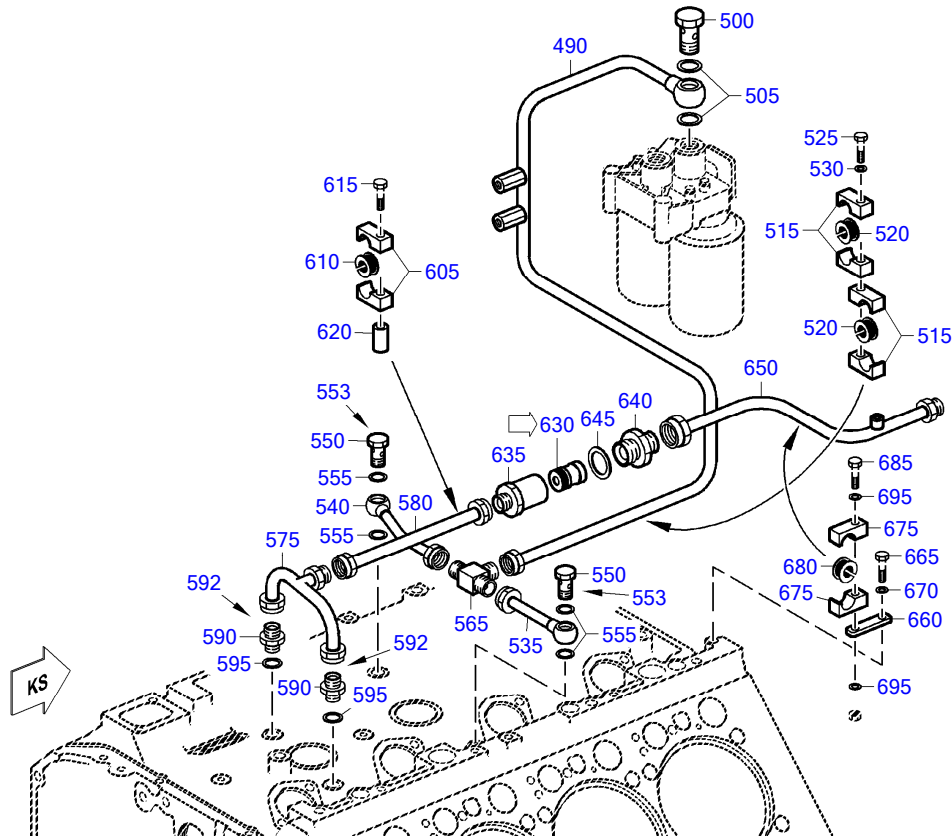
FG/FGS: 081 05

BOM-No.: 080.00039

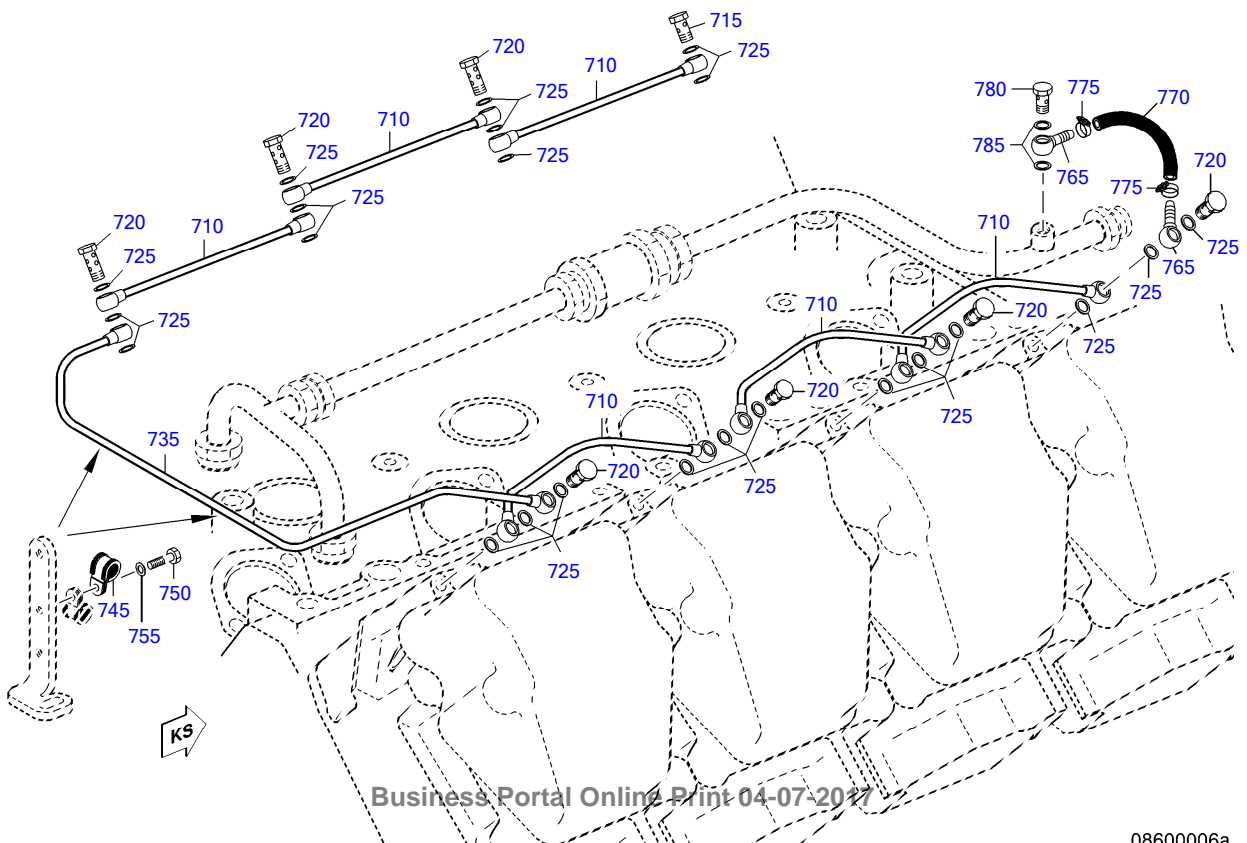


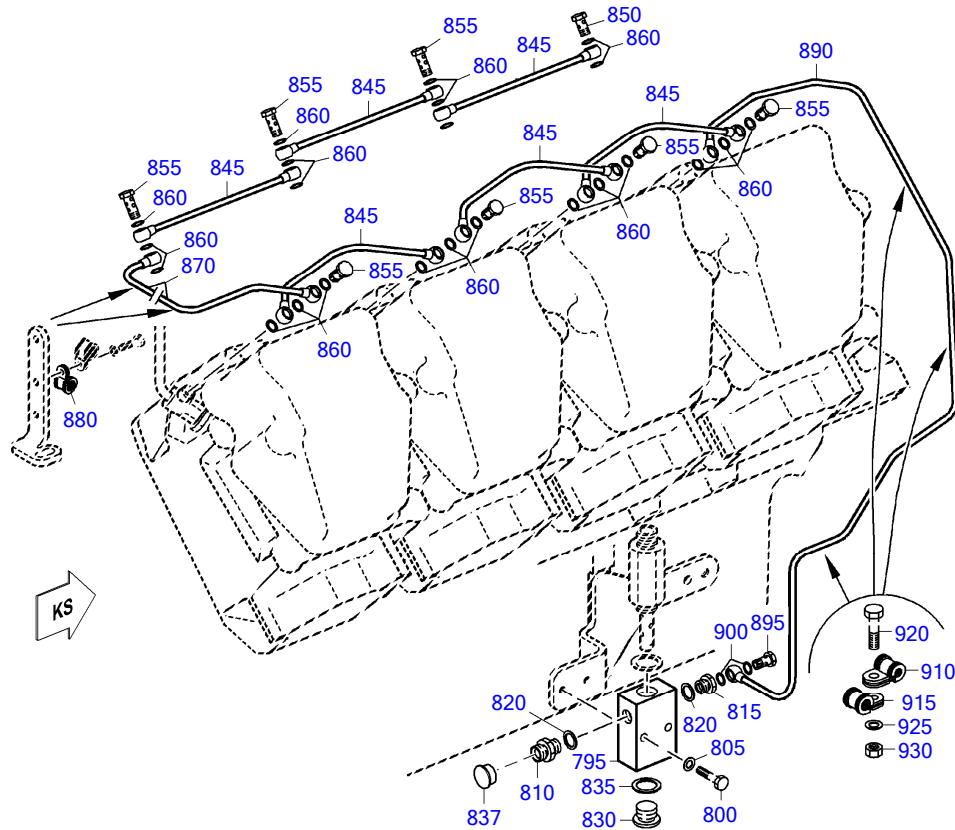
Business Portal Online Print 04-07-2017

08300290a



08400951





08700071

□	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	35	735080015200	VALVE NON RETURN RHDK 15-L 0,5		1	PC	192.600 g		RHDK 15-L 0,5	MTN5080
	40	X53108200001	FUEL PUMP LOW PRESSURE	8V2000 MDEC MARINE	1	PC	3.900 kg			
	50	23516100	GASKET		1	PC	3.000 g			
	55	000933010035	HEX SCREW		2	PC	23.900 g		M 10 X 25	DIN933
	60	000125010524	WASHER		2	PC	3.100 g		A 10,5	DIN125
	70	5360780831	UNION REDUCTION	16V2000M	2	PC	68.900 g			
	75	700429015007	O-RING		2	PC	0.600 g		15,5 X 2,5	MMN429
92	80	5360900050	PUMP FUEL DELIVERY		1	PC	510.000 g		P EM KST-HANDPUMPE	
	90	5360781741	BRACKET	12/16V2000M90	1	PC	330.000 g			
	95	304017008079	HEX SCREW		2	PC	11.700 g		M 8 X 20	ISO4017
	100	000912008009	BOLT HEX SOC HD		3	PC	12.900 g		M 8 X 20	DIN912
	105	000125008427	WASHER		4	PC	1.500 g		A 8,4	DIN125
	110	916016030202	CLAMP		1	PC	39.400 g		BRSGU 30/20	N16016
	115	000934008008	NUT HEX		1	PC	4.600 g		M 8	DIN934
	120	000912006097	BOLT HEX SOC HD		2	PC	5.500 g		M 6 X 16	DIN912
	125	000125006431	WASHER		2	PC	0.800 g		A 6,4	DIN125
	135	X53108200003	FUEL LINE FOR HAND PUMP	8V2000M41-61	1	PC	229.200 g			
	140	5310704432	LINE FUEL	8V2000	1	PC	232.000 g			
	150	915007008004	CONNECTOR 8/4		1	PC	28.600 g		8 / 6	N15007
	155	007603014102	COPPER SEALING RING		1	PC	1.000 g		A 14 X 18	DIN7603
	165	915011008101	BOLT BANJO A 8		1	PC	28.400 g		A 8	N15011
	170	007603014102	COPPER SEALING RING		2	PC	1.000 g		A 14 X 18	DIN7603
	175	5360781341	BRACKET	16V2000M90	1	PC	505.000 g			
	180	916016010203	CLAMP		2	PC	20.000 g		BRSGU 10/20	N16016

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	185	304017008077	HEX SCREW		2	PC	10.500 g		M 8 X 16	ISO4017
	190	000125008427	WASHER		2	PC	1.500 g		A 8,4	DIN125
	202	915001013003	UNION NUT M1		1	PC	30.400 g		13 M 22 X 1,5	N15001
	203	915005013004	CONE SEALING 15		1	PC	9.300 g		15	MBN15005
	210	5310704532	LINE FUEL	8V2000	1	PC	142.800 g			
	220	5310704632	LINE FUEL	8V2000	1	PC	402.000 g			
	230	916016015200	CLAMP		1	PC	25.900 g		BRSGU 15/20	N16016
	235	5315460243	BRACKET FLAT H:55	8V2000M90	1	PC	98.900 g			
	240	304017008079	HEX SCREW		1	PC	11.700 g		M 8 X 20	ISO4017
	245	000125008427	WASHER		1	PC	1.500 g		A 8,4	DIN125
	255	916016015200	CLAMP		1	PC	25.900 g		BRSGU 15/20	N16016
	260	5310704732	LINE FUEL	8V2000	1	PC	535.400 g			
	270	700325015100	CLAMP HALF TUBE 1/1 D9-15		4	PC	34.000 g		1/1 D 9 - 15	MMN325
	275	304017008089	HEX SCREW		1	PC	24.200 g		M 8 X 60	ISO4017
	280	000125008427	WASHER		1	PC	1.500 g		A 8,4	DIN125
	285	916016015200	CLAMP		2	PC	25.900 g		BRSGU 15/20	N16016
	290	304017008084	HEX SCREW		1	PC	16.400 g		M 8 X 35	ISO4017
	295	000934008008	NUT HEX		1	PC	4.600 g		M 8	DIN934
	300	5500780453	SPACER SLEEVE		1	PC	13.600 g		9 X 16 X 13	
	305	000125008427	WASHER		2	PC	1.500 g		A 8,4	DIN125
	315	700325022104	CLAMP HALF TUBE 2/1 D9-22		2	PC	69.100 g		2/1 D 9 - 22	MMN325
	320	700327015000	GROMMET		2	PC	6.000 g		15	MMN327
	325	304017008086	HEX SCREW		1	PC	19.400 g		M 8 X 45	ISO4017
	330	000125008427	WASHER		1	PC	1.500 g		A 8,4	DIN125
	340	915011016100	BOLT BANJO A 16		1	PC	73.000 g		A 16	N15011
	345	007603022102	COPPER SEALING RING		2	PC	0.900 g		A 22 X 27	DIN7603
	355	5310780941	BRACKET	8V2000	1	PC	512.900 g			
	360	304017008079	HEX SCREW		2	PC	11.700 g		M 8 X 20	ISO4017
	365	000125008427	WASHER		2	PC	1.500 g		A 8,4	DIN125
	370	700325022100	CLAMP HALF TUBE 1/1 D9-22		4	PC	47.800 g		1/1 D 9 - 22	MMN325
	375	700327015000	GROMMET		2	PC	6.000 g		15	MMN327
	380	304017008085	HEX SCREW		2	PC	18.000 g		M 8 X 40	ISO4017
	385	000125008427	WASHER		2	PC	1.500 g		A 8,4	DIN125
89	390	0020923301	FILTER FUEL BASE AND FILTERS ASM		1	PC	4.100 kg	P EM		
	400	000933010192	HEX SCREW		2	PC	48.400 g		M 10 X 75	DIN933
	405	000125010524	WASHER		2	PC	3.100 g		A 10,5	DIN125
	410	5360900113	TROUGH COLLECTING	16V2000M90	1	PC	865.000 g			
	420	304017008077	HEX SCREW		3	PC	10.500 g		M 8 X 16	ISO4017
	425	000125008427	WASHER		3	PC	1.500 g		A 8,4	DIN125
	435	23530788	HOSE		1	PC	85.000 g		8MMX850MM LG	
	440	900288012000	CLAMP		1	PC	7.300 g		S 12/ 9X0,4 SKZ	N288A
91	450	5241505873	RETAINER F. WIRING HARNESS	4000	1	PC	31.800 g	P	HC016	
	455	0005335043	RETAINING BRACKET FOR CORRUGATED PIPE	NICHT STAPELBAR	1	PC	1.800 g		BUEGEL FUER NW10-HALTER	
	460	000125008427	WASHER		2	PC	1.500 g		A 8,4	DIN125
	465	304017008076	HEX SCREW		1	PC	9.100 g		M 8 X 12	ISO4017
	490	5310704832	LINE FUEL	8V2000	1	PC	647.000 g			
	500	915011016100	BOLT BANJO A 16		1	PC	73.000 g		A 16	N15011
	505	007603022102	COPPER SEALING RING		2	PC	0.900 g		A 22 X 27	DIN7603
	515	700325022100	CLAMP HALF TUBE 1/1 D9-22		4	PC	47.800 g		1/1 D 9 - 22	MMN325
	520	700327015000	GROMMET		2	PC	6.000 g		15	MMN327
	525	000931008241	HEX SCREW		1	PC	31.700 g		M 8 X 75	DIN931
	530	000125008427	WASHER		1	PC	1.500 g		A 8,4	DIN125
	535	5310704932	LINE FUEL	8V2000	1	PC	85.100 g			

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	540	5310705032	LINE FUEL	8V2000	1	PC	98.000 g			
	550	915011010101	BOLT BANJO A 10		2	PC	36.200 g	A 10		N15011
	555	007603016103	RING,GENERAL		4	PC	1.800 g	A 16 X 22		DIN7603
	565	5569970874	FITTING TEE		1	PC	133.000 g	DN 13 / M22X1,5		
	575	5310705132	LINE FUEL	8V2000	1	PC	206.000 g			
	580	5310705232	LINE FUEL	8V2000	1	PC	175.000 g			
	590	915007013000	CONNECTOR 13/8		2	PC	49.200 g	13 / 8		N15007
	592	40573	SCREW LOCKING DEVICE LOCTITE 243	HENKEL LOCTITE 243 MITTELFEST	1	PC	269.000 g	1 ST = 250 ML		MMN377M
	595	007603016103	RING,GENERAL		2	PC	1.800 g	A 16 X 22		DIN7603
	605	700325022100	CLAMP HALF TUBE 1/1 D9-22		2	PC	47.800 g	1/1 D 9 - 22		MMN325
	610	700327015000	GROMMET		1	PC	6.000 g	15		MMN327
	615	000931008241	HEX SCREW		1	PC	31.700 g	M 8 X 75		DIN931
	620	5531530050	SPACER BUSHING		1	PC	43.600 g	10MM X 18MM L=32		
95	630	X53608400007	PRESS REGULATE VALVE FOR FUEL SYSTEM	8/12/16V2000MARINE PLD	1	PC	102.000 g	EM		
	635	5310780531	UNION		1	PC	199.900 g			
	640	915007020001	CONNECTOR 20/16		1	PC	85.000 g	20 / 16		N15007
	645	007603030101	COPPER SEALING RING		1	PC	4.300 g	A 30 X 36		DIN7603
	650	5310705332	LINE FUEL	8V2000	1	PC	328.700 g			
	660	5621870540	BRACKET FLAT H:50		1	PC	49.600 g			
	665	000933008028	HEX SCREW		1	PC	11.000 g	M 8 X 18		DIN933
	670	000125008427	WASHER		2	PC	1.500 g	A 8,4		DIN125
	675	700325022100	CLAMP HALF TUBE 1/1 D9-22		2	PC	47.800 g	1/1 D 9 - 22		MMN325
	680	700327015000	GROMMET		1	PC	6.000 g	15		MMN327
	685	304017008085	HEX SCREW		1	PC	18.000 g	M 8 X 40		ISO4017
	695	000125008427	WASHER		1	PC	1.500 g	A 8,4		DIN125
	710	X53608600005	FUEL LINE FOR LEAK-OFF FUEL	BR2000M-PLD	6	PC	24.000 g	AB		
	715	915011002102	BOLT BANJO A 2/3		1	PC	8.400 g	A 2/3		N15011
	720	915047004100	BOLT BANJO A 4/5		7	PC	11.100 g	A 4/5		N15047
	725	007603008109	WASHER A COP		23	PC	0.300 g	A 8 X 11,5		DIN7603
	735	X53108600002	FUEL LINE FOR LEAK-OFF FUEL	8V2000M-PLD	1	PC	69.400 g	SB		
	745	916016006201	CLAMP		2	PC	7.700 g	BRSQU 6/15		N16016
	750	000933006175	HEX SCREW		2	PC	5.300 g	M 6 X 16		DIN933
	755	000125006431	WASHER		2	PC	0.800 g	A 6,4		DIN125
	765	915052004025	RING PIECE		2	PC	7.000 g	4/ 8		N15052
	770	0119977782	HOSE FUEL 3.2		0,130	M	70.000 g			
	775	900288010000	CLAMP		2	PC	7.100 g	S 10/ 9X0,4 SKZ		N288A
	780	915011002102	BOLT BANJO A 2/3		1	PC	8.400 g	A 2/3		N15011
	785	007603008109	WASHER A COP		2	PC	0.300 g	A 8 X 11,5		DIN7603
	795	5064760023	MANIFOLD FUEL RETURN MONITOR S4000 S2000		1	PC	145.000 g			
	800	304017006066	HEX SCREW		2	PC	8.400 g	M 6 X 35		ISO4017
	805	000125006431	WASHER		2	PC	0.800 g	A 6,4		DIN125
	810	915013006002	UNION		1	PC	19.600 g	6		N15013
	815	114C52013/1	BUSHING THREADED		1	PC	8.000 g			
	820	007603012111	COPPER SEALING RING		2	PC	0.700 g	A 12 X 15,5		DIN7603
	830	000908018002	PLUG		1	PC	0.029 kg	M 18 X 1,5		DIN908
	835	007603018101	COPPER SEALING RING		1	PC	1.300 g	A 18 X 22		DIN7603
	837	700328000114	PROTECTING PLUG		2	PC	0.600 g	14,9		MMN328
	845	X53608600005	FUEL LINE FOR LEAK-OFF FUEL	BR2000M-PLD	6	PC	24.000 g	AB		
	850	915011002102	BOLT BANJO A 2/3		1	PC	8.400 g	A 2/3		N15011
	855	915047004100	BOLT BANJO A 4/5		7	PC	11.100 g	A 4/5		N15047
	860	007603008109	WASHER A COP		23	PC	0.300 g	A 8 X 11,5		DIN7603
	870	X53108600003	FUEL LINE	8V2000M-PLD	1	PC	71.000 g	SB		

EQUI TYPE: Engine

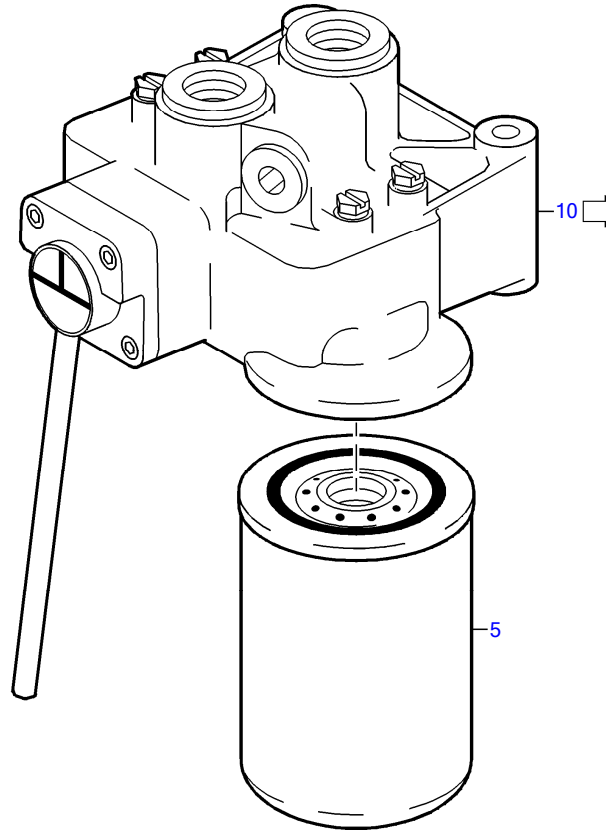
PRODUCT TYPE: 8V2000M41A
FUEL SYSTEM LOW PRESSURE

SERIAL NUMBER: 531101840

FG/FGS: 081 05

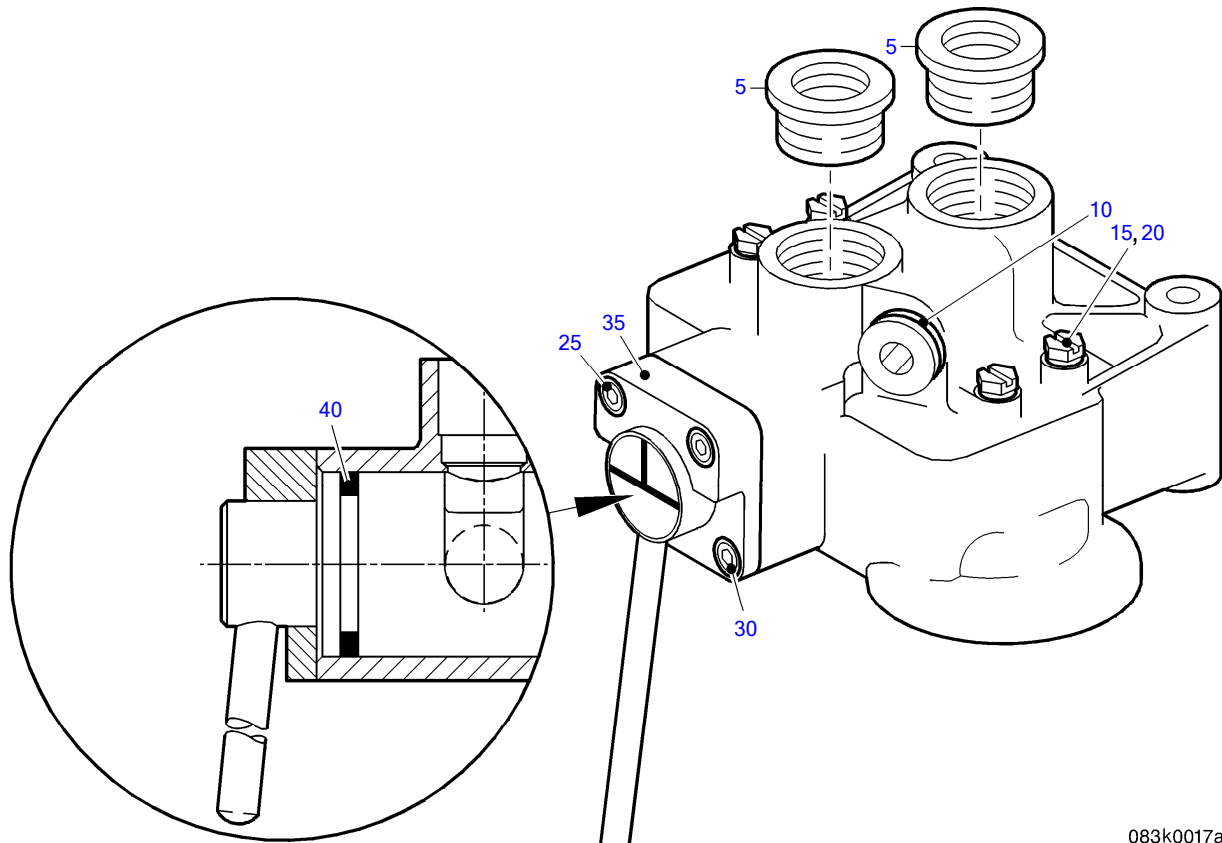
BOM-No.: 080.00039

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	880	916016006201	CLAMP		2	PC	7.700 g		BRSGU 6/15	N16016
	890	X53108600004	FUEL LINE	8V2000M-PLD	1	PC	70.000 g	SB		
	895	915011002102	BOLT BANJO A 2/3		1	PC	8.400 g		A 2/3	N15011
	900	007603008109	WASHER A COP		2	PC	0.300 g		A 8 X 11,5	DIN7603
	910	916016006202	CLAMP		3	PC	16.400 g		BRSGU 6/20	N16016
	915	916016015200	CLAMP		3	PC	25.900 g		BRSGU 15/20	N16016
	920	304017008079	HEX SCREW		2	PC	11.700 g		M 8 X 20	ISO4017
	925	000125008427	WASHER		4	PC	1.500 g		A 8,4	DIN125
	930	000934008008	NUT HEX		3	PC	4.600 g		M 8	DIN934



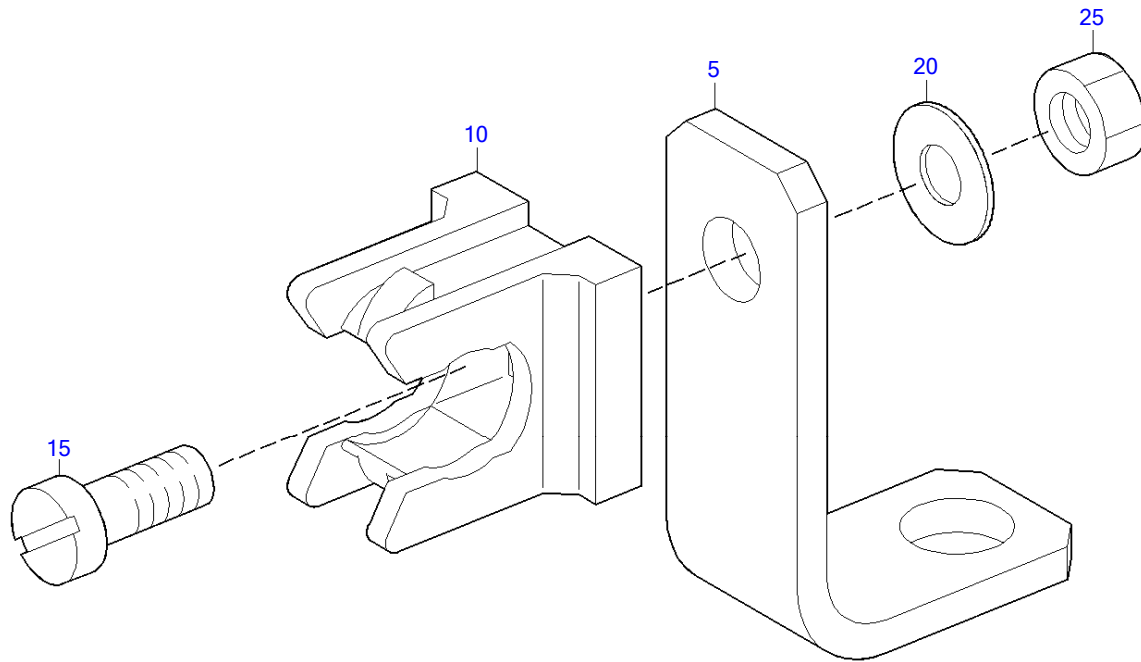
083 K0016b

□	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN
	5	0020921901	FUEL FILTER SPIN-ON	2	PC	709.100 g	EM
90	10	Z=66 505 31 993	FILTER HEAD	1	PC		



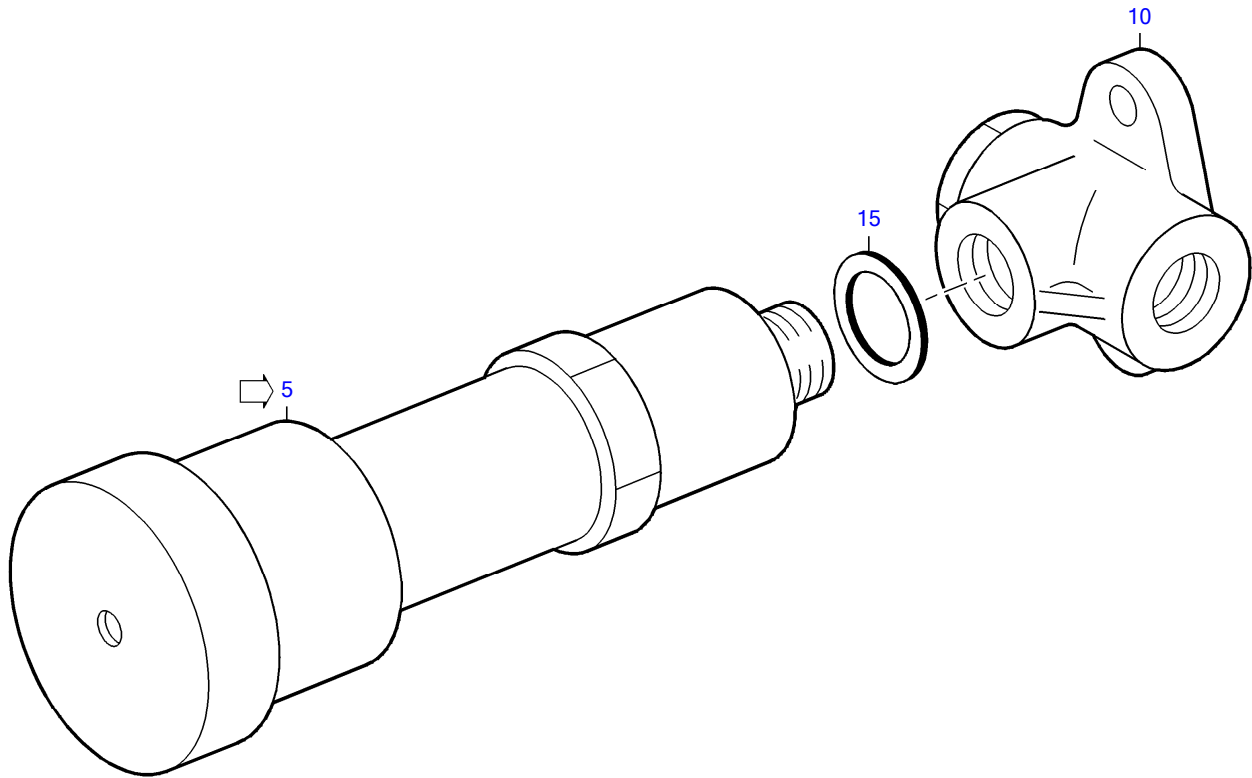
083k0017a

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	5	5509971016	BUSHING INSERT	2	PC	52.500 g		
	10	8699970357	SEALING RING	1	PC	0.200 g		
	15	000N15117/1	FILTER BOLT	4	PC	4.000 g		
	20	007603006108	WASHER A COP	4	PC	0.200 g	A 6,5X 9,5	DIN7603
	25	007984006021	FILLISTER SCREW	2	PC	6.100 g	M 6 X 25	DIN7984
	30	006912006020	BOLT	2	PC	5.000 g	M 6 X 16	DIN6912
	35	Z=24 042 42 191	COVER	1	PC	134.000 g		
	40	0001840161	RING SEALING	2	PC	0.800 g	F. UMSCHALTVENTIL DOPPELFILTER	



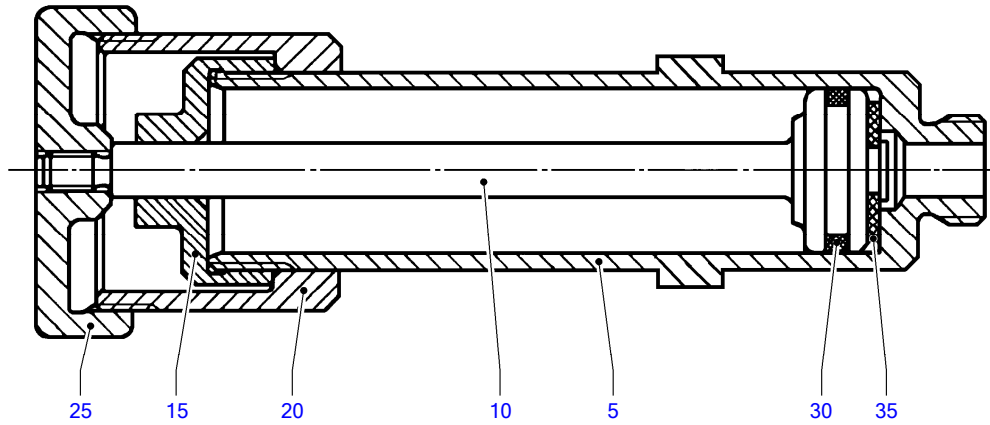
08300289a

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	5	5621531140	BRACKET L H:24 S4000 S2000		1	PC	20.900 g		
	10	0015331840	SCREW-ON HOLDER FOR CORRUGATED PIPE	OHNE BUEGEL	1	PC	3.100 g	HALTER NW10 BOHRLOCH M5	
	15	000084005196	SCREW		1	PC	2.600 g	M 5 X 12	DIN84
	20	007349005002	WASHER		1	PC	2.300 g	5,3	DIN7349
	25	000934005004	NUT HEX		1	PC	1.000 g	M 5	DIN934



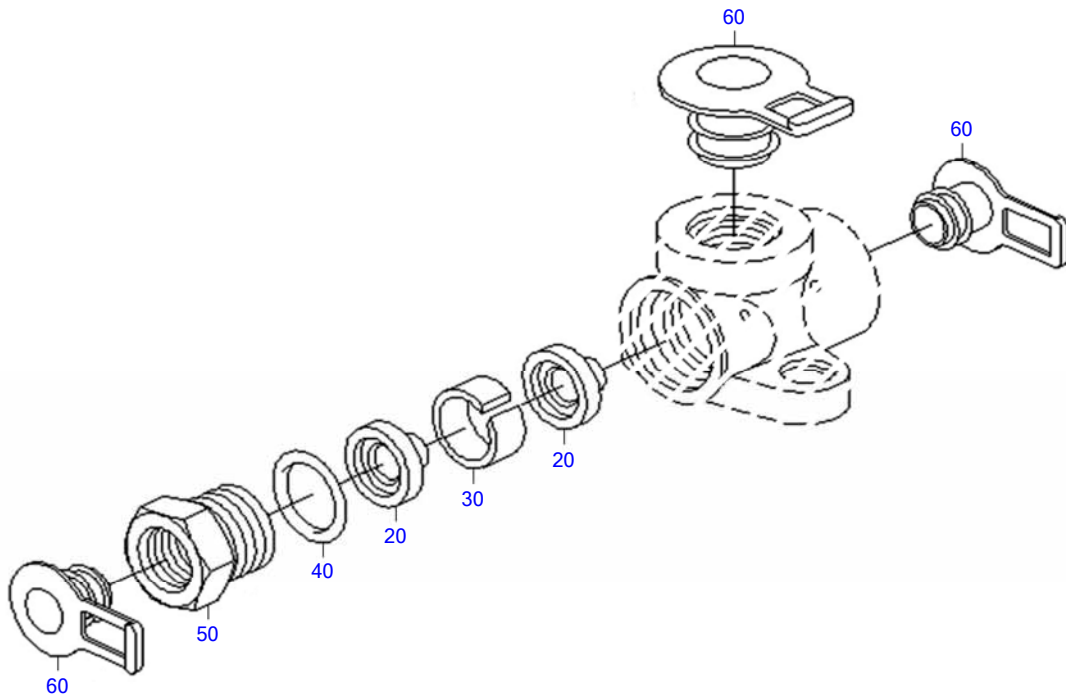
08200010a

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	93	5	5360900250	FUEL DELIVERY PUMP	16V2000M	1	PC	421.000 g	EM	
	94	10	5360910002	PUMP HOUSING	16V2000M	1	PC	95.600 g		
		15	007603016105	COPPER SEALING RING		1	PC	3.000 g	A 16 X 20	DIN7603



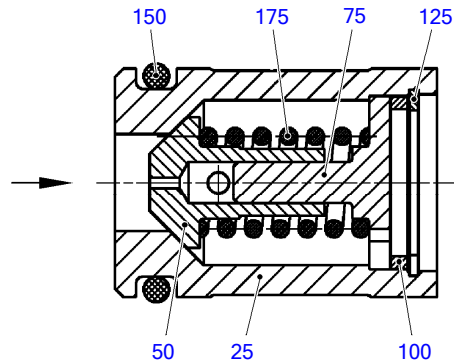
E0005212a0

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	5	5360910102	HOUSING	16V2000M	1	PC			
	10	5550910109	PISTON ROD		1	PC	99.700 g		
	15	5550910103	COVER		1	PC	54.000 g		
	20	5550910050	SLEEVE		1	PC	0.041 kg		
	25	5559970177	HANDLE		1	PC	42.000 g		
	30	700429019000	O-RING		1	PC	1.000 g	19 X 3	MMN429
	35	8370180080	SEALING RING		1	PC	0.600 g		



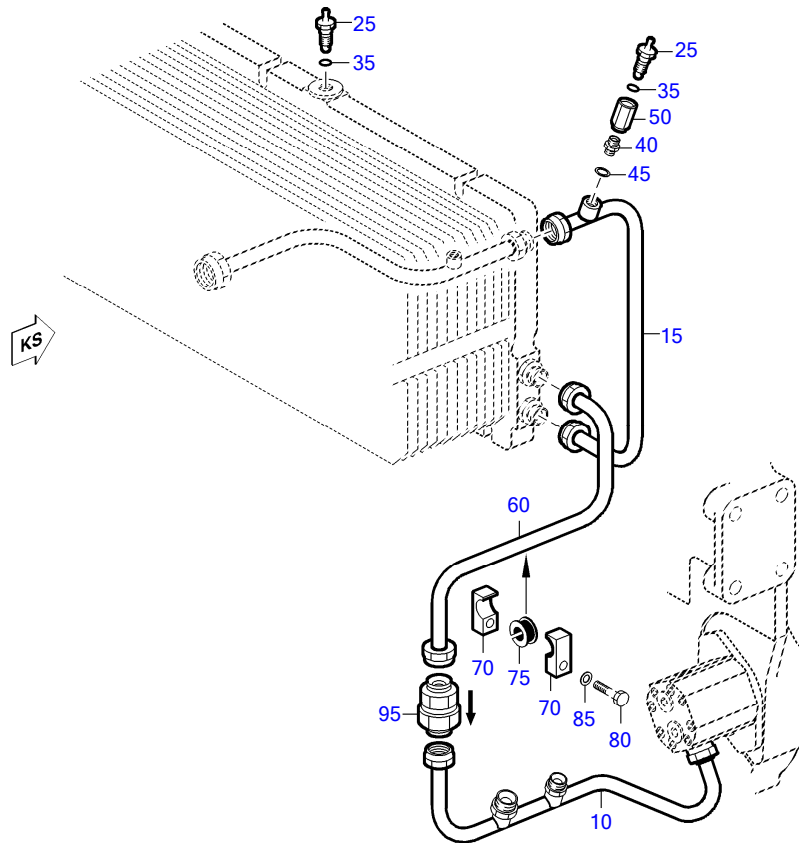
08100438

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN
	20	0000911010	VALVE	2	PC	4.600 g	
	30	Z=2 440 310 000	CLAMP SLEEVE	1	PC		AC
	40	0059974745	SEALING RING	1	PC	0.800 g	
	50	0000741186	THREADED FITTING	1	PC	20.800 g	
	60	XP50607300083	CLOSURE CAP	3	PC		AC



08400934

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	25	5360780017	HOUSING	16V2000M	1	PC	80.000 g		
	50	5360780049	VALVE	16V2000M	1	PC	9.000 g		
	75	5360780873	GUIDE SLEEVE	16V2000M	1	PC	1.000 g		
	100	5360780076	WASHER	16V2000M	1	PC	1.400 g		
	125	000472021000	SNAP RING		1	PC	0.800 g	21 X 1	DIN472
	150	700429021002	O-RING		1	PC	1.200 g	21 X 3	MMN429
	175	X53608400005	VALVE SPRING FOR LOW-PRESS. SYST	8/12/16V2000MARINE PLD	1	PC	3.800 g		



08400446a

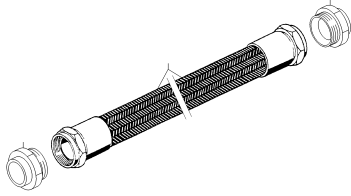
☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	10	5310704232	FUEL LINE	8V2000	1	PC	282.500 g	SB		
	15	X53108200002	FUEL LINE TO PLATE-CORE COOLE	8V2000M41-61	1	PC	204.000 g			
	25	5369970075	NIPPLE	BR 2000	2	PC	30.100 g			
	35	700429009002	O-RING		2	PC	0.800 g		9,2 X 2,62	MMN429
	40	915013004002	UNION		1	PC	14.000 g		4	N15013
	45	007603010110	WASHER A COP		1	PC	0.300 g		A 10 X 13,5	DIN7603
	50	5360780087	BOSS	BR 2000	1	PC	28.800 g			
	60	5310705532	FUEL LINE	8V2000	1	PC	420.700 g	SB		
	70	700325022100	CLAMP HALF TUBE 1/1 D9-22		2	PC	47.800 g		1/1 D 9 - 22	MMN325
	75	700327015000	GROMMET		1	PC	6.000 g		15	MMN327
	80	304017008085	HEX SCREW		1	PC	18.000 g		M 8 X 40	ISO4017
	85	000125008427	WASHER		1	PC	1.500 g		A 8,4	DIN125
	95	735080015200	VALVE NON RETURN RHDK 15-L 0.5		1	PC	192.600 g		RHDK 15-L 0,5	MTN5080

GROUP SEGMENT (FGS)

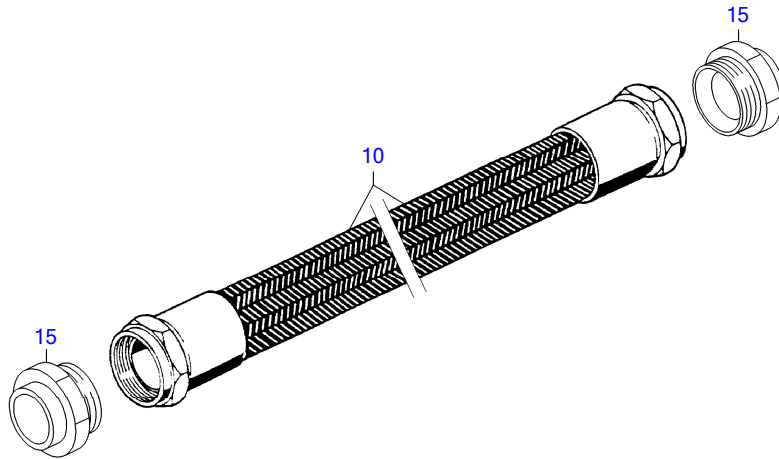
GROUP NAME

BOM-No.

10
HOSE
080.00011



E0833016a0



E0833016a0

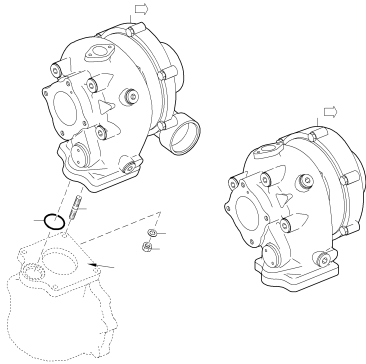
☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	735038012103	HOSE	1	PC	402.900 g	1SN 12 CC 400	MTN5038
	15	718363213002	CONNECTOR	2	PC	35.200 g	15/M 22 X 1,5	MMN18363.2

GROUP SEGMENT (FGS)

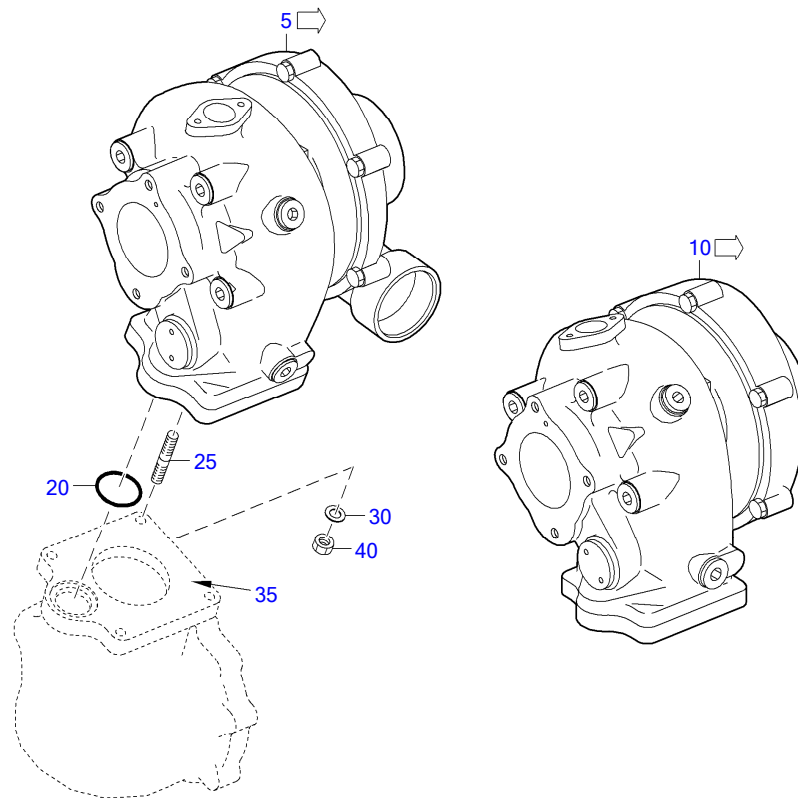
GROUP NAME

BOM-No.

01
EXHAUST TURBOCHARGER W/O ACCEPT CERTIFIC
100.00086

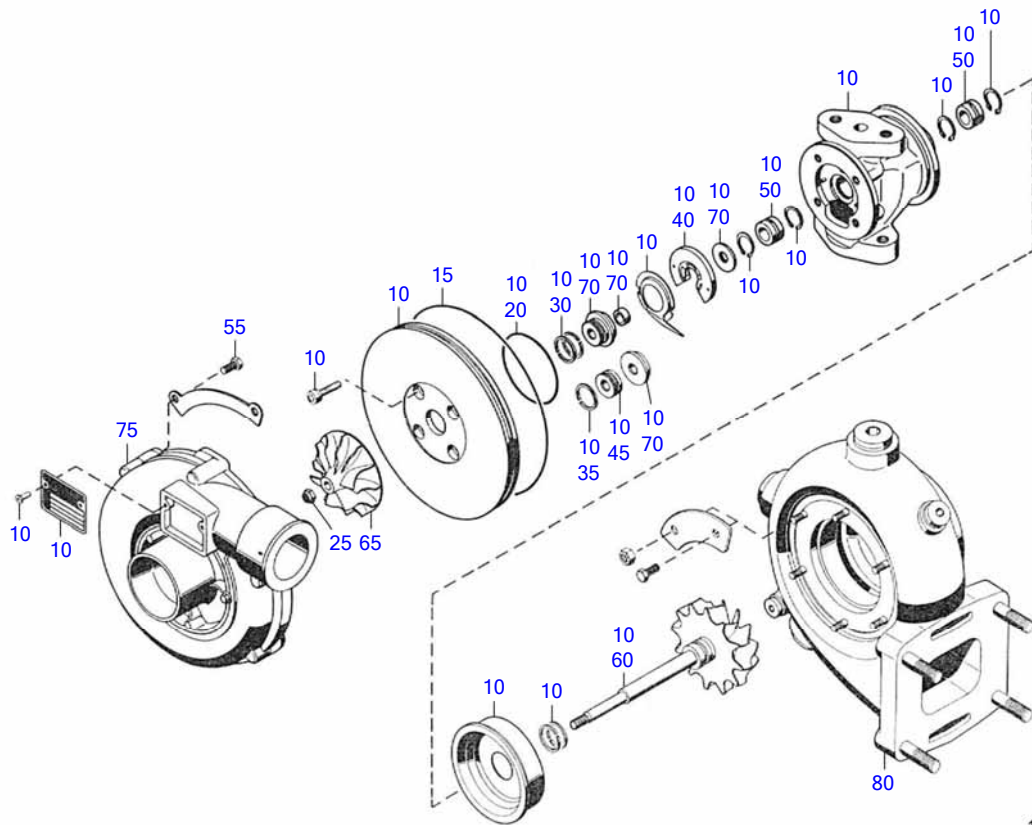


10101569



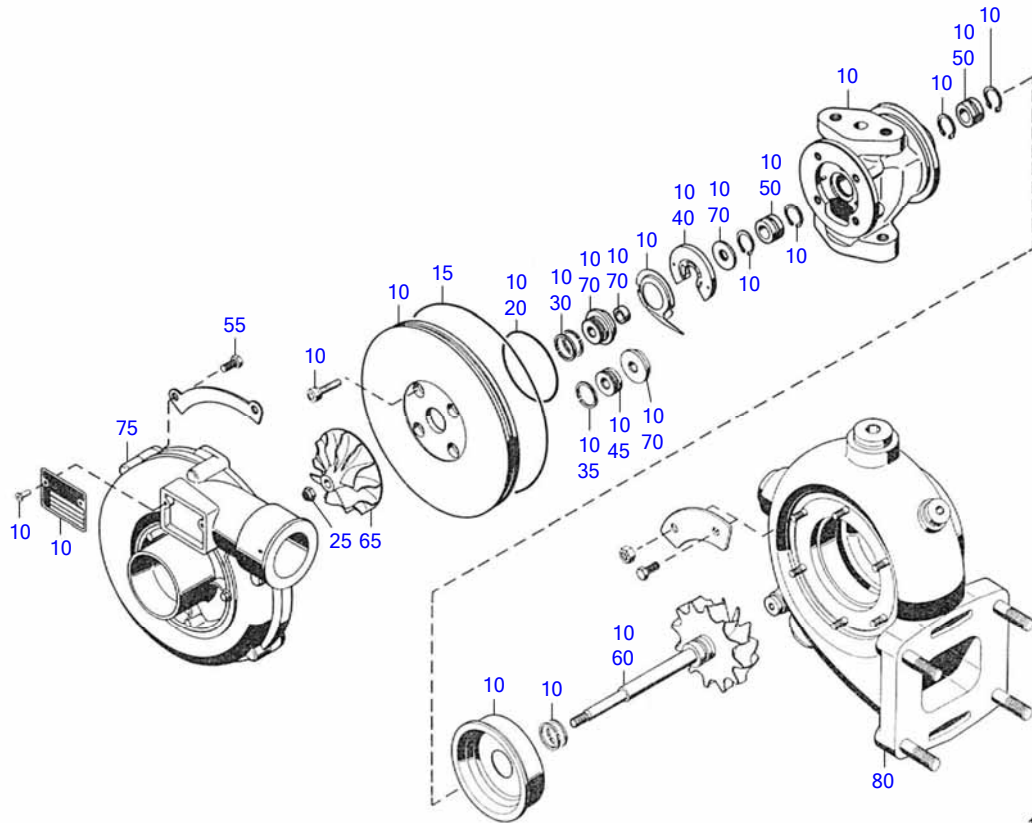
10101669

□	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	101	5 0060969699	EXHAUST TURBOCHARGER LEFT	K27, 8V2000M60	1	PC	25.000 kg	EM		
	102	10 0060969799	EXHAUST TURBOCHARGER RIGHT	K27, 8V2000M60	1	PC	22.750 kg	EM TKZ. 5327 971 69 00		
		20 700429032003	O-RING		2	PC	3.000 g		32 X 4	MMN429
		25 000939010056	STUD		8	PC	23.800 g		M 10 X 35	DIN939
		30 000125010524	WASHER		8	PC	3.100 g		A 10,5	DIN125
		35 X00048307	RTV	WACKER ELASTOSIL N2189	1	PC	350.000 g		1 ST = 310 ML, TUBE MIT AUFSATZ	MTS5027
		40 000934010005	NUT HEX		8	PC	10.400 g		M 10	DIN934



10101670

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
	10	8695860585	REPAIR KIT	12V2000M60	1	PC	235.800 g		ET-SATZ GROSS
	15	8699970377	SEALING RING		1	PC	20.000 g		O-RING 196X2,83
	20	8699970378	SEALING RING		1	PC			O-RING 59,6X2,7
	25	8699900149	COLLAR NUT		1	PC			M8X1, LINKSGEWINDE
	30	8690960262	RING		2	PC			KOLBENRING ATL
	35	8690960263	RING		1	PC			KOLBENRING ATL
	40	8690960264	BEARING		1	PC			
	45	8690960265	BUSHING		1	PC			
	50	8690960266	BUSHING		2	PC			
	55	8699900151	HEX SCREW		6	PC			
	60	8690250014	SHAFT		1	PC	600.000 g		
	65	8690960259	TURBOCHARGER WHEEL		1	PC	130.000 g	EM	
	70	8695860586	REPAIR KIT	12V2000M60	1	PC	32.000 g		MINI ET-SATZ LAUFZEUG
	75	8690210087	COMPRESSOR HOUSING		1	PC	2.305 kg	EM	
	80	8690960261	HOUSING		1	PC	15.230 kg		



10101670

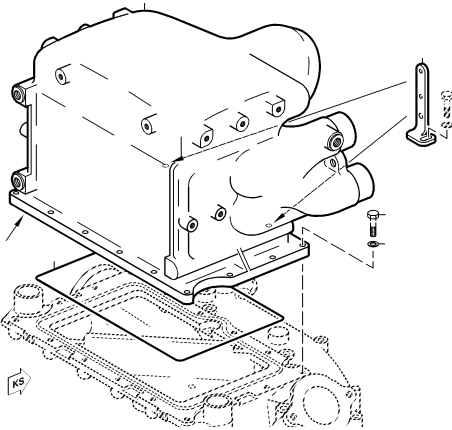
☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
	10	8695860585	REPAIR KIT	12V2000M60	1	PC	235.800 g		ET-SATZ GROSS
	15	8699970377	SEALING RING		1	PC	20.000 g		O-RING 196X2,83
	20	8699970378	SEALING RING		1	PC			O-RING 59,6X2,7
	25	8699900149	COLLAR NUT		1	PC			M8X1, LINKSGEWINDE
	30	8690960262	RING		2	PC			KOLBENRING ATL
	35	8690960263	RING		1	PC			KOLBENRING ATL
	40	8690960264	BEARING		1	PC			
	45	8690960265	BUSHING		1	PC			
	50	8690960266	BUSHING		2	PC			
	55	8699900151	HEX SCREW		6	PC			
	60	8690250014	SHAFT		1	PC	600.000 g		
	65	8690960259	TURBOCHARGER WHEEL		1	PC	130.000 g	EM	
	70	8695860586	REPAIR KIT	12V2000M60	1	PC	32.000 g		MINI ET-SATZ LAUFZEUG
	75	8690210087	COMPRESSOR HOUSING		1	PC	2.305 kg	EM	
	80	8690960261	HOUSING		1	PC	15.230 kg		

GROUP SEGMENT (FGS)

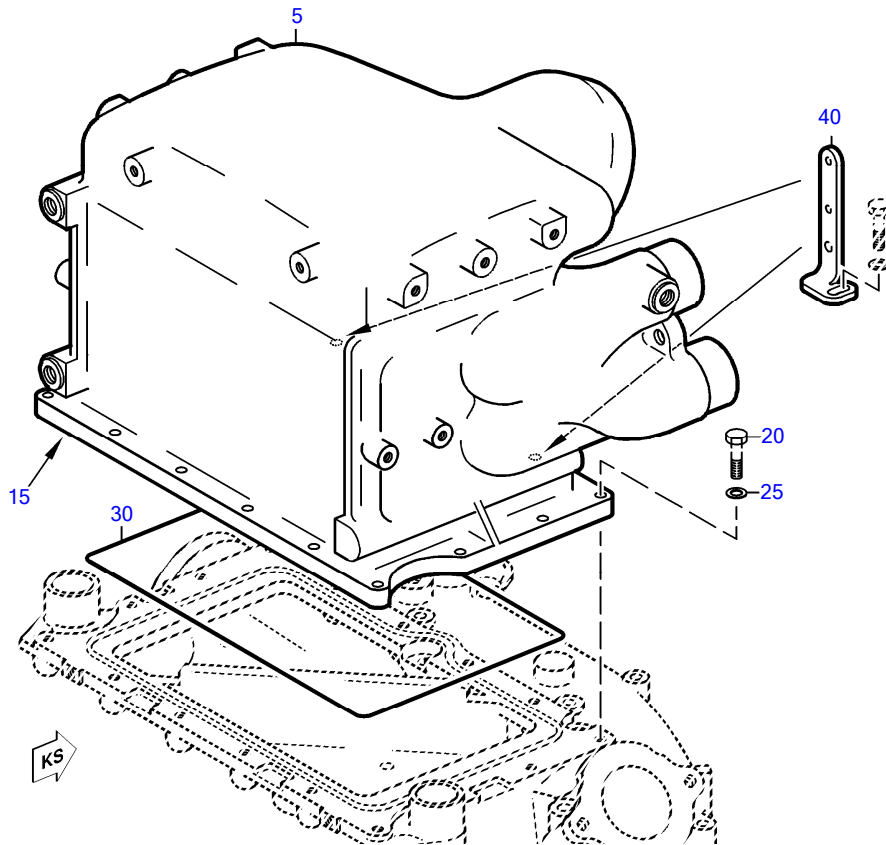
GROUP NAME

BOM-No.

05
INTERCOOLER WITH TEST CERT. 3.1
XS531110.00001



E1143007a0



E1143007a0

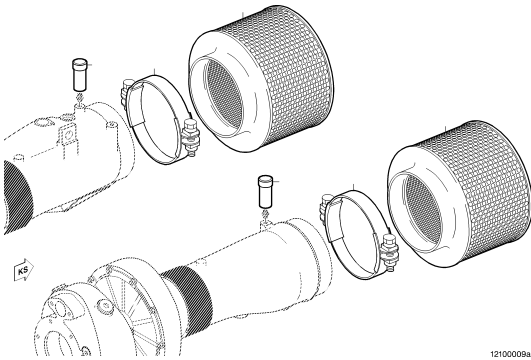
☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	5	X53111400003/87	INTERCOOLER WITH TEST CERT. 3.1	8V2000M40-90	1	PC	19.360 kg	EM		
	15	40041	PASTE MOLYKOTE G-N PLUS	1 ST = 250 GRAMM	1	PC	340.000 g		MOLYKOTE G-N PLUS	MTH5109
	20	304017008088	HEX SCREW		14	PC	22.600 g		M 8 X 55	ISO4017
	25	007349008002	WASHER		14	PC	7.900 g		8,4	DIN7349
	30	700429340000	O-RING		1	PC	46.000 g		340 X 5	MMN429
	40	5362030440	BRACKET CAC	8,12,16V2000M	2	PC	130.600 g			

GROUP SEGMENT (FGS)

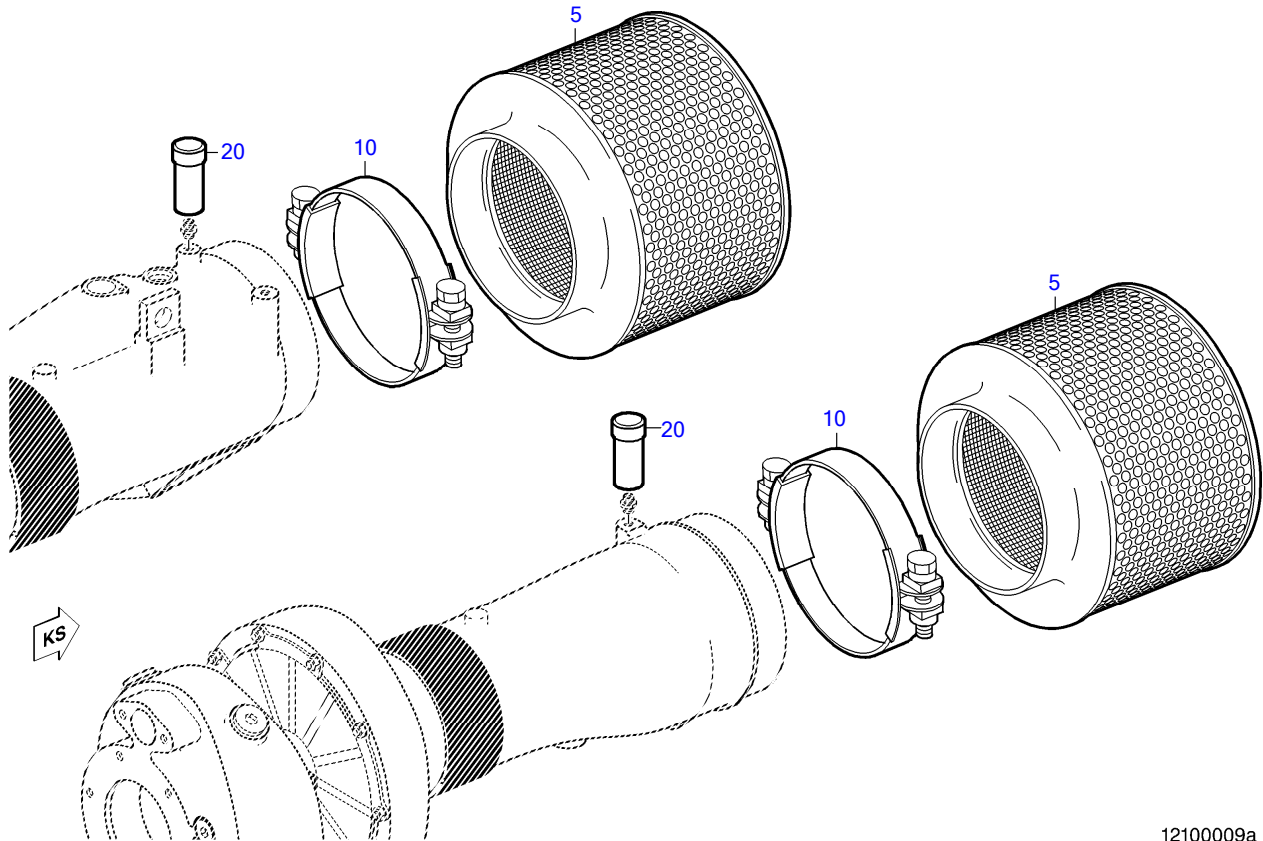
GROUP NAME

BOM-No.

05
AIR FILTER
120.00028



12100009a



12100009a

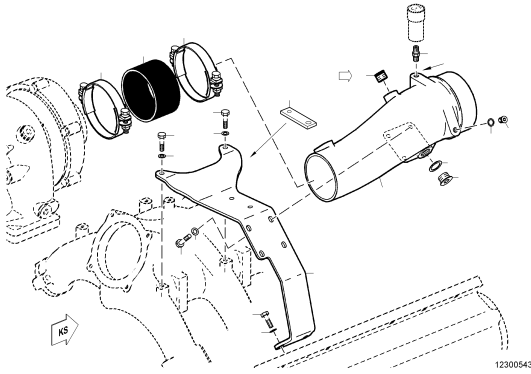
☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	5	0180941402	AIR FILTER		2	PC	1.400 kg	EM		
	10	900288136004	CLAMP		2	PC	255.800 g		S 136/25X1,25 SK 2T	N288A
	20	0000943268	INDICATOR AIR FILTER RESTRISTER	25-50MBAR	2	PC	50.500 g			

GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.

00
AIR SYSTEM SEQUENTIAL T/CHGNG.
120.00079



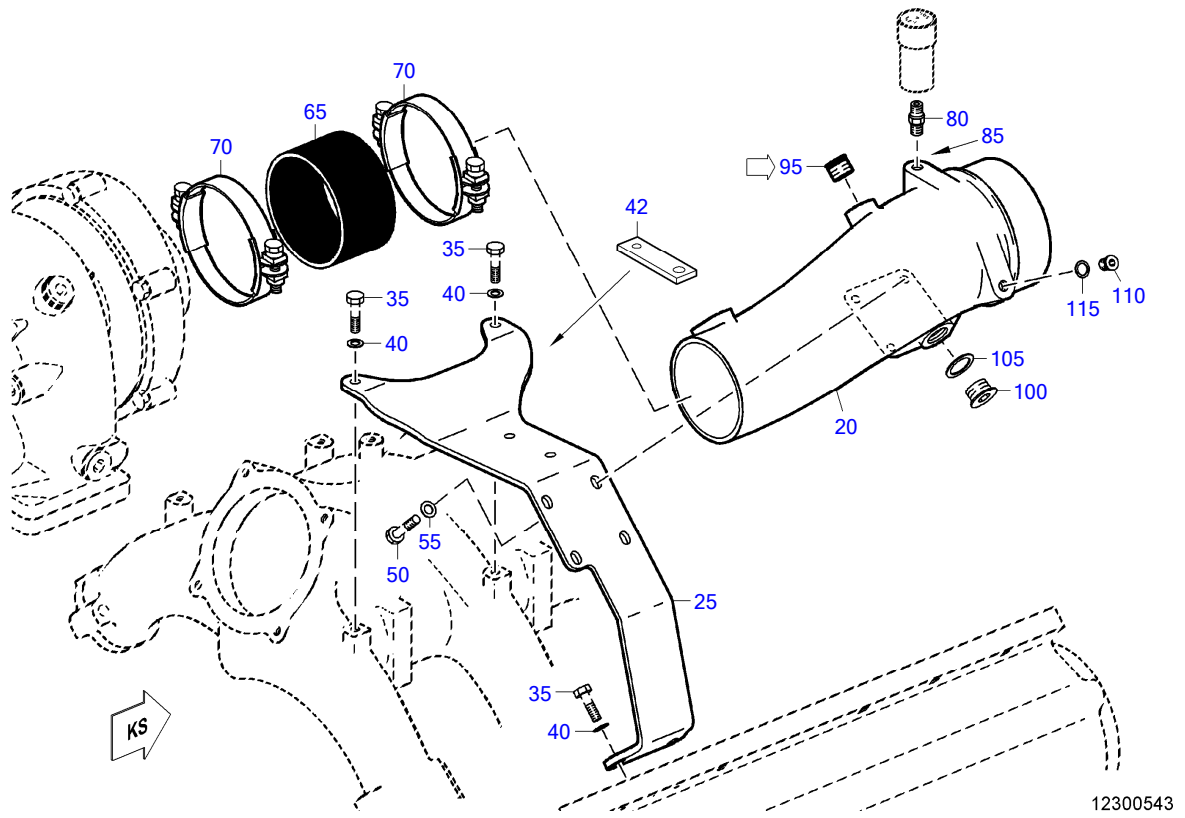
EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
AIR SYSTEM SEQUENTIAL T/CHGNG.

SERIAL NUMBER: 531101840

FG/FGS: 123 00

BOM-No.: 120.00079



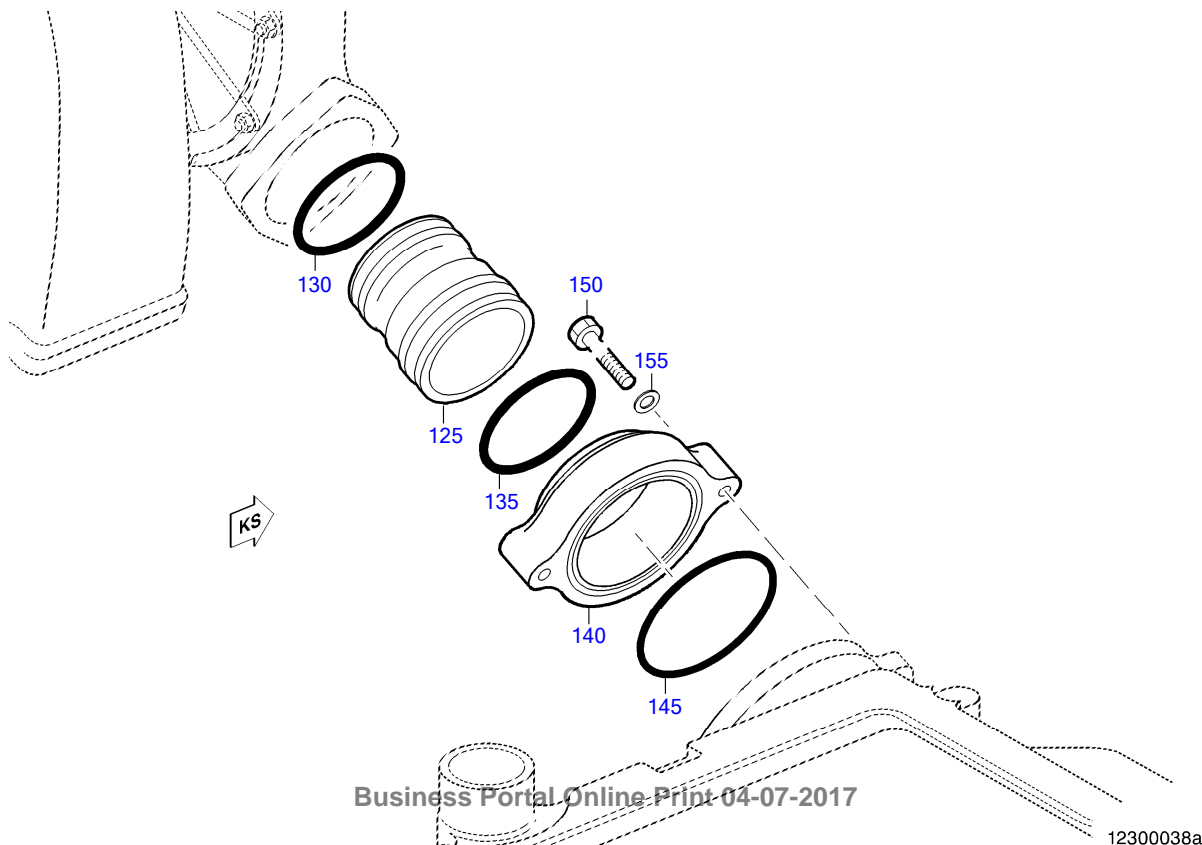
EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
AIR SYSTEM SEQUENTIAL T/CHGNG.

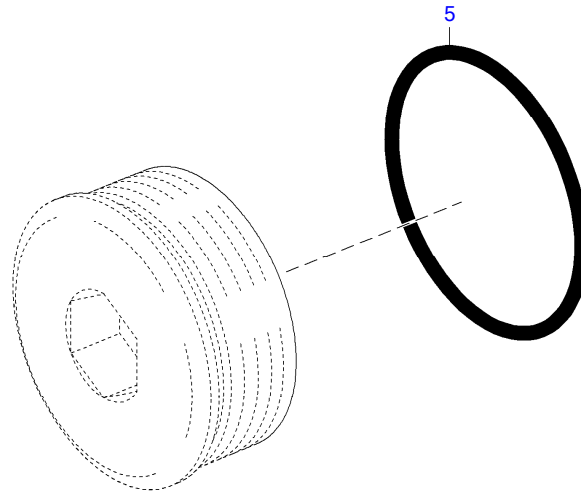
SERIAL NUMBER: 531101840

FG/FGS: 123 00

BOM-No.: 120.00079



☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	20	5310900817	CONNECTION HOUSING	8V2000M90	2	PC	2.331 kg	EM		
	25	5310980739	RETAINER CW/CCW ROTATION	8V2000	2	PC	2.391 kg			
	35	304017008081	HEX SCREW		8	PC	13.400 g		M 8 X 25	ISO4017
	40	007349008002	WASHER		8	PC	7.900 g		8,4	DIN7349
	42	5621870540	BRACKET FLAT H:50		1	PC	49.600 g			
	50	304017008081	HEX SCREW		8	PC	13.400 g		M 8 X 25	ISO4017
	55	007349008002	WASHER		8	PC	7.900 g		8,4	DIN7349
	65	5319970183	RUBBER SLEEVE		2	PC	133.100 g			
	70	900288116000	CLAMP		4	PC	240.000 g		S 116/25X1,25 SK 2T	N288A
	80	0009973375	ADAPTER FITTING W/SINTERED FLTR		2	PC	13.400 g			
	85	50155	TAPE SEALING PTFE		1	PC	0.014 kg		12 X 0,1	MTS5034
109	95	5366190515	PLUG	BR4000	1	PC	0.009 kg	P		
	100	000908022001	PLUG		2	PC	0.048 kg		M 22 X 1,5	DIN908
	105	007603022102	COPPER SEALING RING		2	PC	0.900 g		A 22 X 27	DIN7603
	110	000908010002	SCREWED PLUG		2	PC	0.006 kg		M 10 X 1	DIN908
	115	007603010110	WASHER A COP		2	PC	0.300 g		A 10 X 13,5	DIN7603
	125	5310980353	PLUG-IN PIPE	8V2000M90	2	PC	0.164 kg			
	130	700429060000	O-RING		2	PC	8.700 g		60 X 5	MMN429
	135	700429063000	O-RING		2	PC	9.100 g		63 X 5	MMN429
	140	5310980640	FLANGE	8V2000	2	PC	177.200 g			
	145	700429080002	O-RING		2	PC	7.200 g		80 X 4	MMN429
	150	304017008084	HEX SCREW		4	PC	16.400 g		M 8 X 35	ISO4017
	155	000125008427	WASHER		4	PC	1.500 g		A 8,4	DIN125



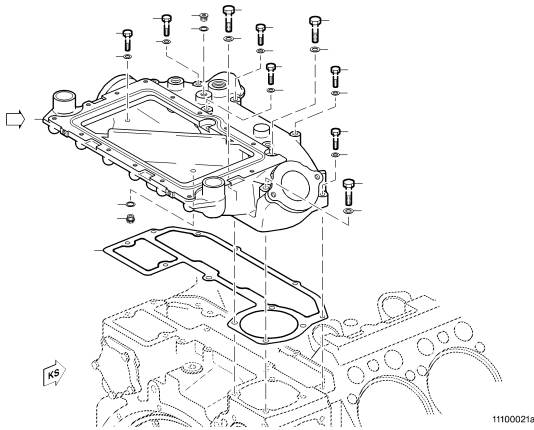
TD0000005264_024

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
	5	23520341	SEALING RING	1	PC	0.300 g

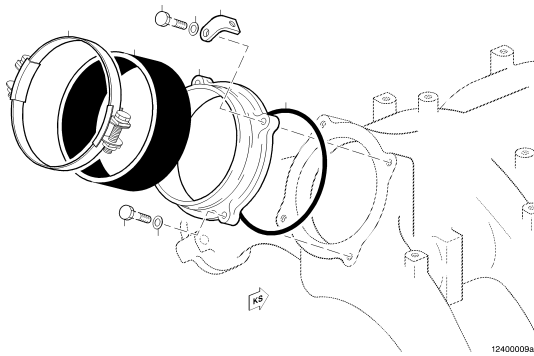
GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.



05
COMB AIR DUCTING BASIC SCOPE
110.00021



05
FLANGE W/O FLAP
120.00030

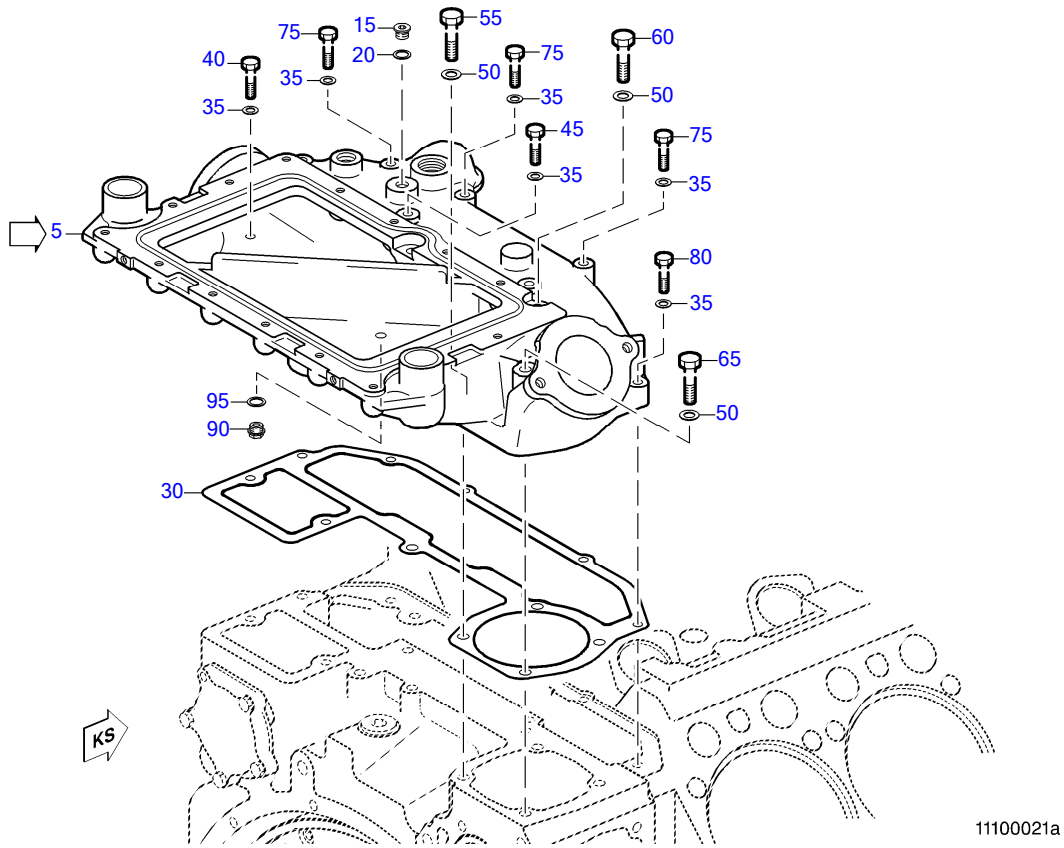
EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
COMB AIR DUCTING BASIC SCOPE

SERIAL NUMBER: 531101840

FG/FGS: 124 05

BOM-No.: 110.00021



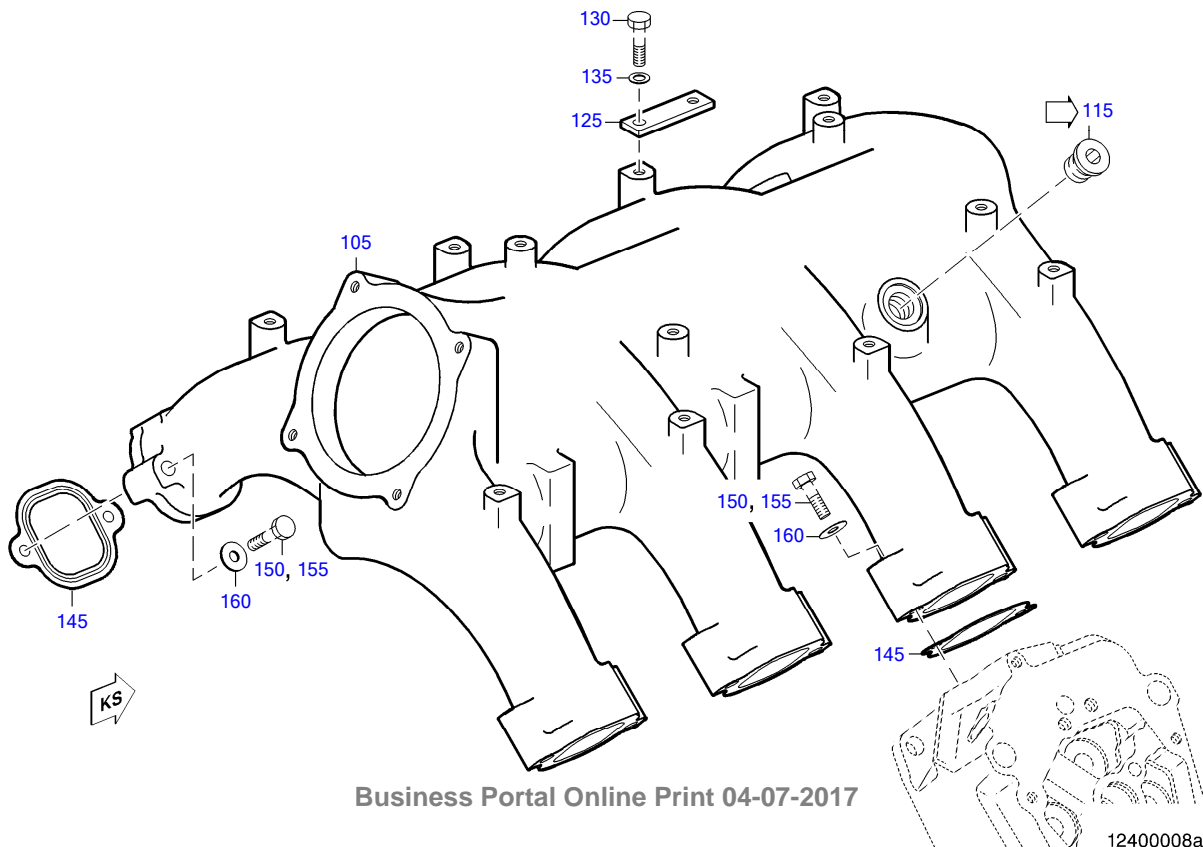
EQUI TYPE: Engine

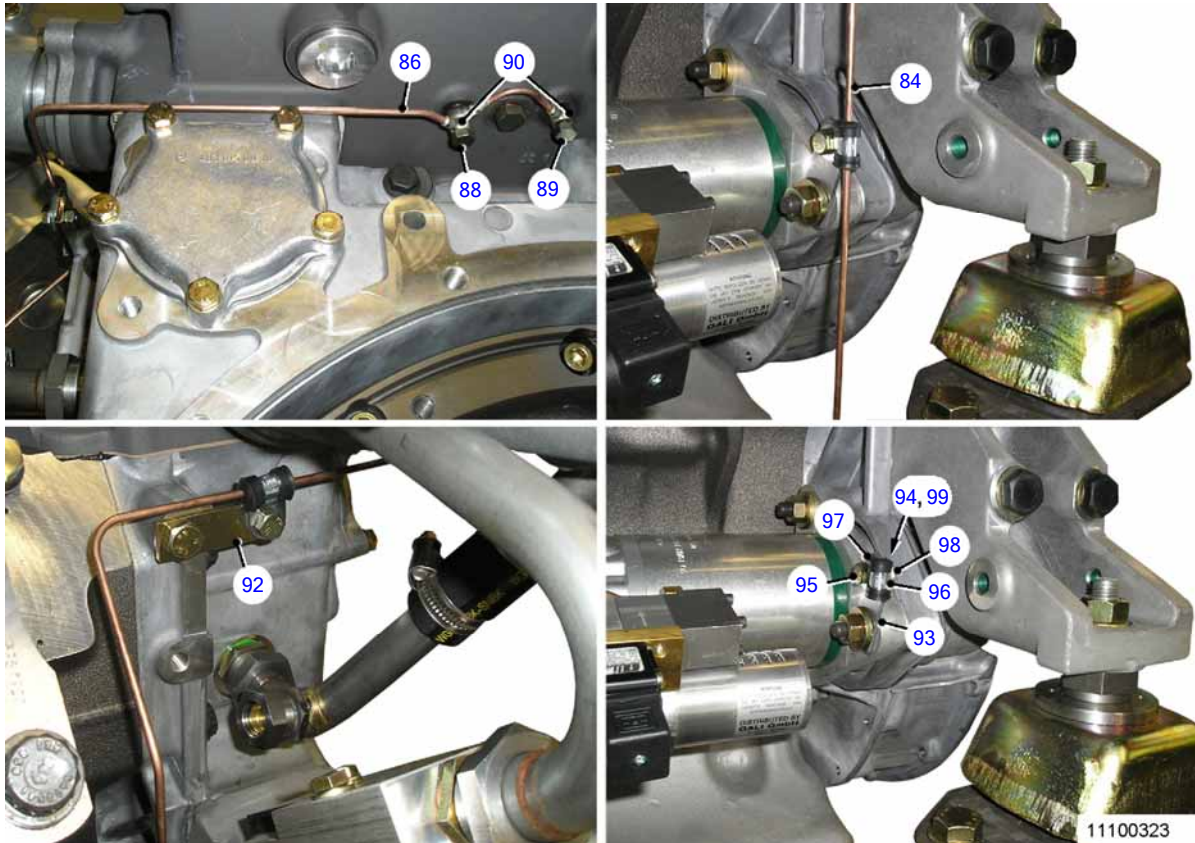
PRODUCT TYPE: 8V2000M41A
COMB AIR DUCTING BASIC SCOPE

SERIAL NUMBER: 531101840

FG/FGS: 124 05

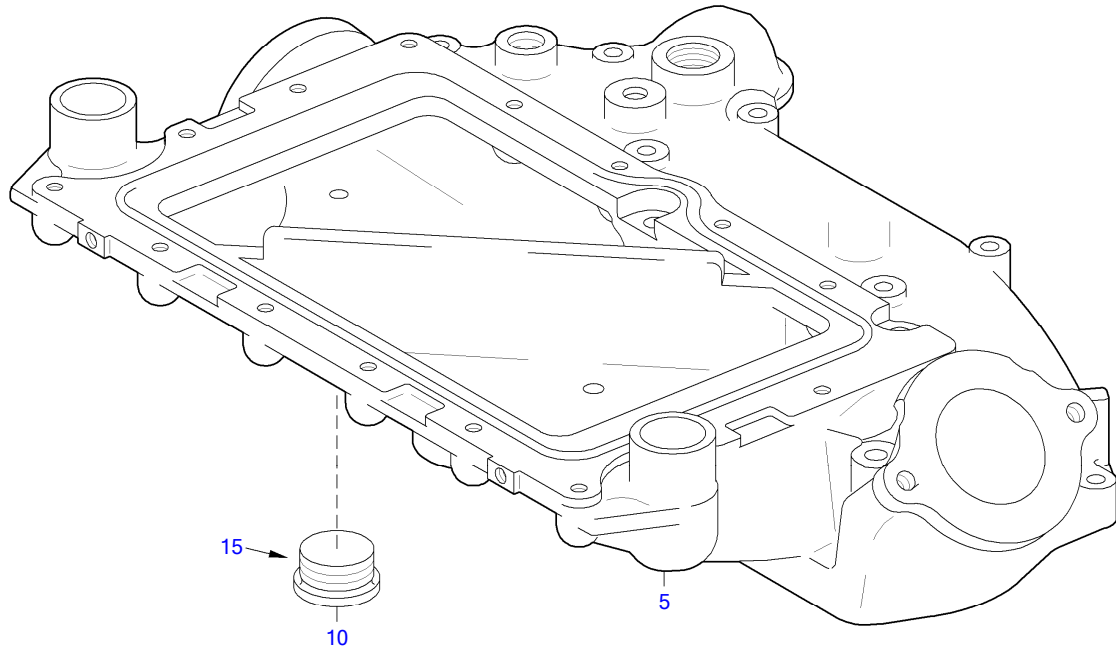
BOM-No.: 110.00021





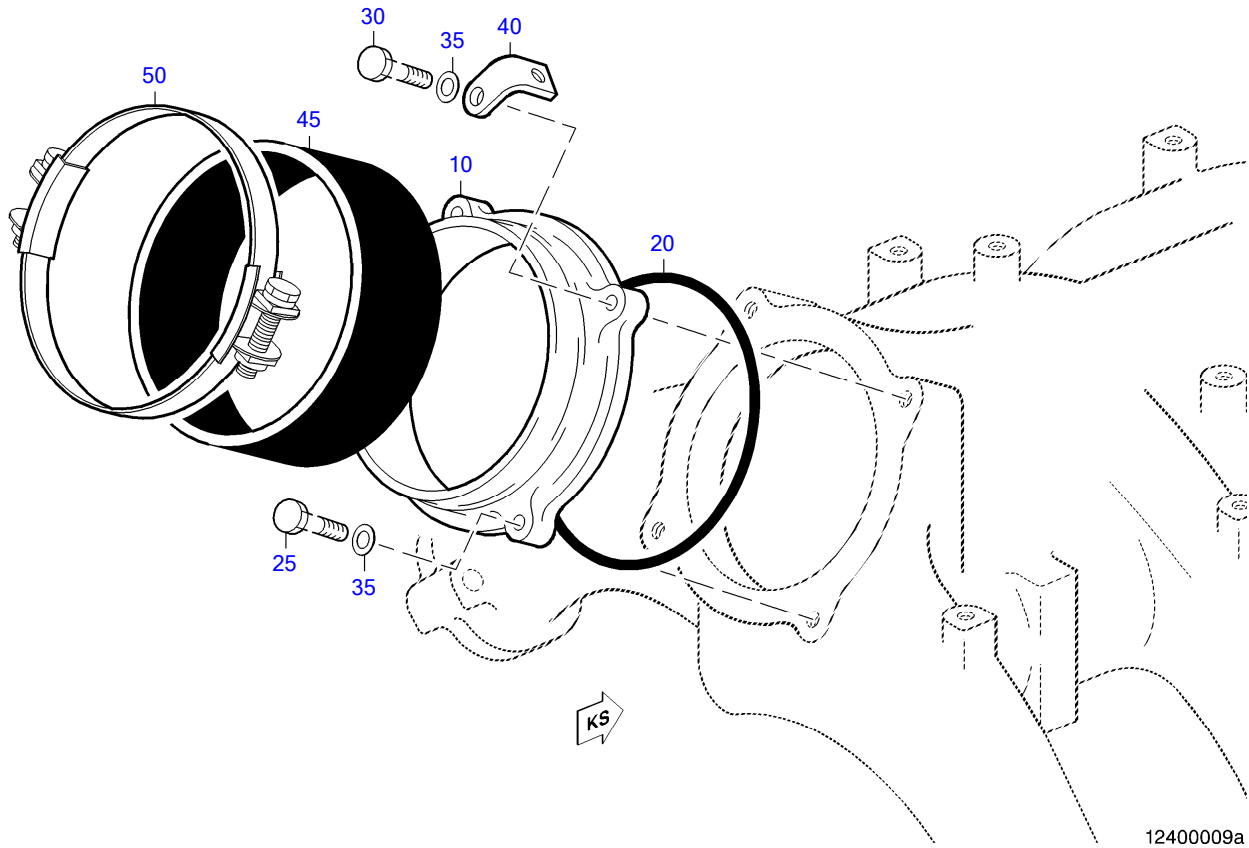
☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
112	5	5310900717	BASE CHARGE AIR COOLER	8V2000	1	PC	11.367 kg	P EM		
	15	007604012102	PLUG		2	PC	0.018 kg		A M 12 X 1,5	DIN7604
	20	007603012111	COPPER SEALING RING		2	PC	0.700 g		A 12 X 15,5	DIN7603
	30	5310130280	GASKET	8V2000M90	1	PC	76.000 g			
	35	000125008427	WASHER		5	PC	1.500 g		A 8,4	DIN125
	40	304017008085	HEX SCREW		2	PC	18.000 g		M 8 X 40	ISO4017
	45	000931008216	HEX SCREW		3	PC	42.000 g		M 8 X100	DIN931
	50	000125010524	WASHER		5	PC	3.100 g		A 10,5	DIN125
	55	000933010094	HEX SCREW		1	PC	31.500 g		M 10 X 40	DIN933
	60	000931010315	HEX SCREW		2	PC	67.800 g		M 10 X100	DIN931
	65	000931010292	HEX SCREW		2	PC	73.700 g		M 10 X110	DIN931
	75	000931008209	HEX SCREW		3	PC	39.800 g		M 8 X 95	DIN931
	80	304017008084	HEX SCREW		1	PC	16.400 g		M 8 X 35	ISO4017
	84	X53111100001	VENT LINE FOR INTERCOOLER	8V2000M40-90	1	PC	14.700 g	SB EM		
	86	X53111100002	VENT LINE FOR INTERCOOLER	8V2000M40-90	1	PC	54.300 g	SB EM		
	88	915011002102	BOLT BANJO A 2/3		1	PC	8.400 g		A 2/3	N15011
	89	915047004100	BOLT BANJO A 4/5		1	PC	11.100 g		A 4/5	N15047
	90	007603008109	WASHER A COP		5	PC	0.300 g		A 8 X 11,5	DIN7603
	92	5500784541	BRACKET FLAT H:06		1	PC	35.200 g			
	93	5502030640	BRACKET		1	PC	34.000 g			
	94	000125010524	WASHER		1	PC	3.100 g		A 10,5	DIN125
	95	000933010089	HEX SCREW		1	PC	21.100 g		M 10 X 20	DIN933
	96	916016006202	CLAMP		2	PC	16.400 g		BRSGU 6/20	N16016
	97	000125008427	WASHER		4	PC	1.500 g		A 8,4	DIN125
	98	000934008008	NUT HEX		2	PC	4.600 g		M 8	DIN934

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	99	304017008079	HEX SCREW		2	PC	11.700 g		M 8 X 20	ISO4017
	105	5310980207	MANIFOLD INTAKE		1	PC	12.000 kg	EM		
	115	735210018000	PLUG		1	PC	0.036 kg		M 18 X 1,5	MTN5210
	125	5621870540	BRACKET FLAT H:50		1	PC	49.600 g			
	130	304017008077	HEX SCREW		1	PC	10.500 g		M 8 X 16	ISO4017
	135	000125008427	WASHER		1	PC	1.500 g		A 8,4	DIN125
	145	4571410080	GASKET		8	PC	8.900 g			
	150	304017008089	HEX SCREW		15	PC	24.200 g		M 8 X 60	ISO4017
	155	000931008173	HEX SCREW		1	PC	28.400 g		M 8 X 65	DIN931
	160	007349008002	WASHER		16	PC	7.900 g		8,4	DIN7349



11100388

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	5	5310980937	CONNECTION HOUSING	8V2000	1	PC			EM	
	10	735072036000	PLUG		3	PC	46.200 g		M 36 X 2	MTN5072
	15	40033	SEALANT PIPE THREAD LOCTITE 586		1	PC	80.000 g		1 KAR = 12 ST À 50 ML	MMN377B



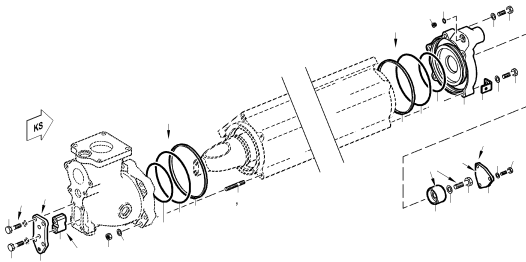
☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	5310980240	FLANGE	8 V 2000	1	PC	619.800 g		
	20	700429135000	O-RING		1	PC	18.600 g	135 X 5	MMN429
	25	304017008084	HEX SCREW		2	PC	16.400 g	M 8 X 35	ISO4017
	30	304017008085	HEX SCREW		2	PC	18.000 g	M 8 X 40	ISO4017
	35	000125008427	WASHER		4	PC	1.500 g	A 8,4	DIN125
	40	5502030043	BRACKET		2	PC	31.000 g	H023	
	45	5319970083	HOSE 5.25IN DIA X 3.12LG CAC CAP TO ITMFLD	8 V 2000	1	PC	167.300 g	5.25IN X 3.12IN	
	50	900288146000	CLAMP		2	PC	258.000 g	S 146/25X1,25 SK 2T	N288A

GROUP SEGMENT (FGS)

GROUP NAME

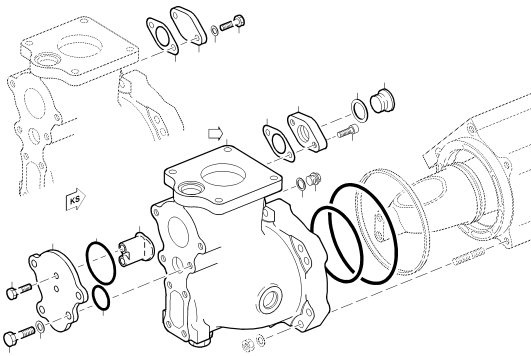
BOM-No.

05
EXHAUST SYSTEM F/CYL. TO T'CHARGER
140.00031



14200551a

05
EXHAUST SYSTEM SEQUENTIAL T/CHGNG.
140.00061



14200016a

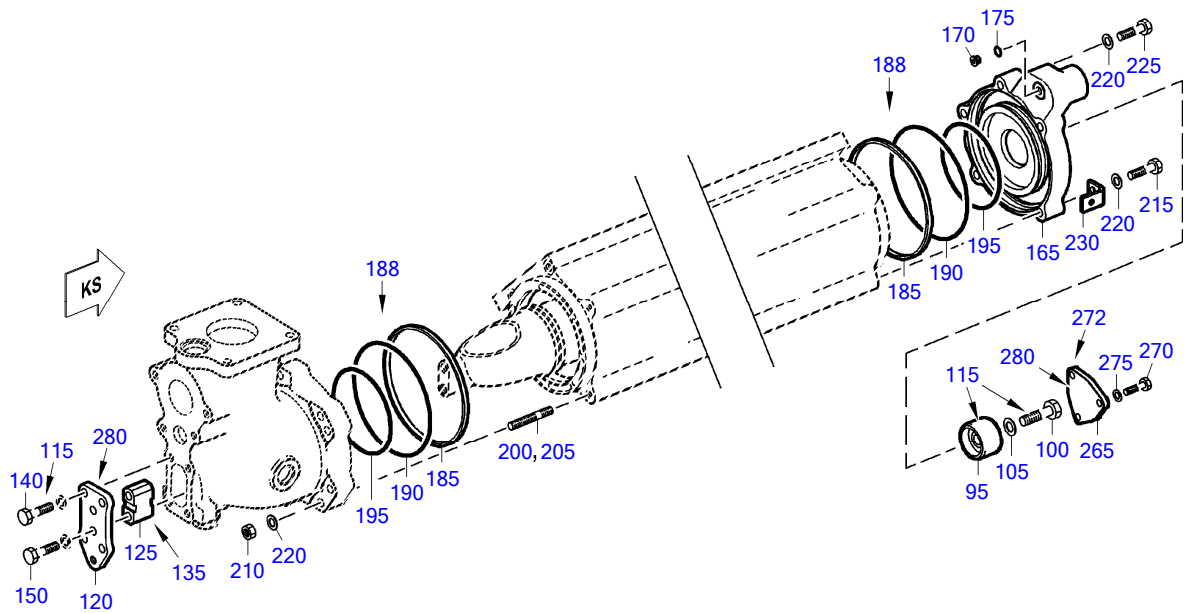
EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
EXHAUST SYSTEM F/CYL. TO T'CHARGER

SERIAL NUMBER: 531101840

FG/FGS: 142 05

BOM-No.: 140.00031



14200561a

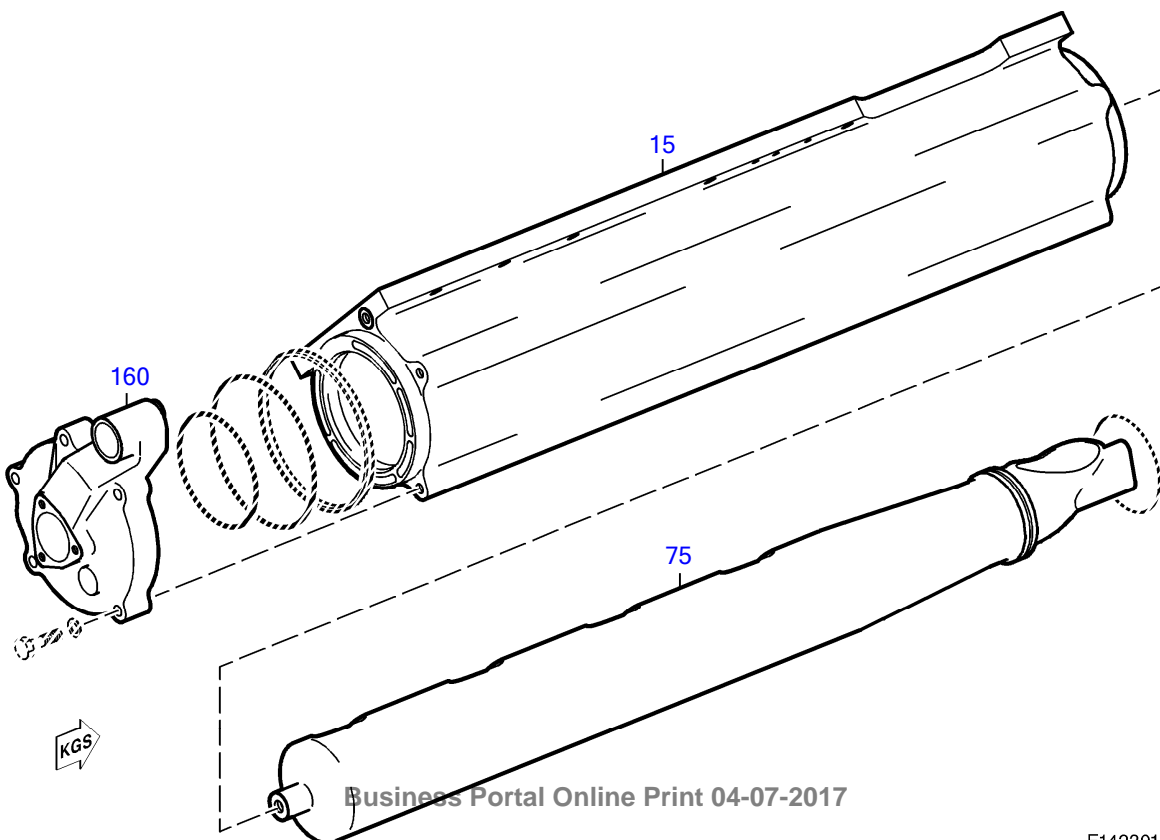
EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
EXHAUST SYSTEM F/CYL. TO T'CHARGER

SERIAL NUMBER: 531101840

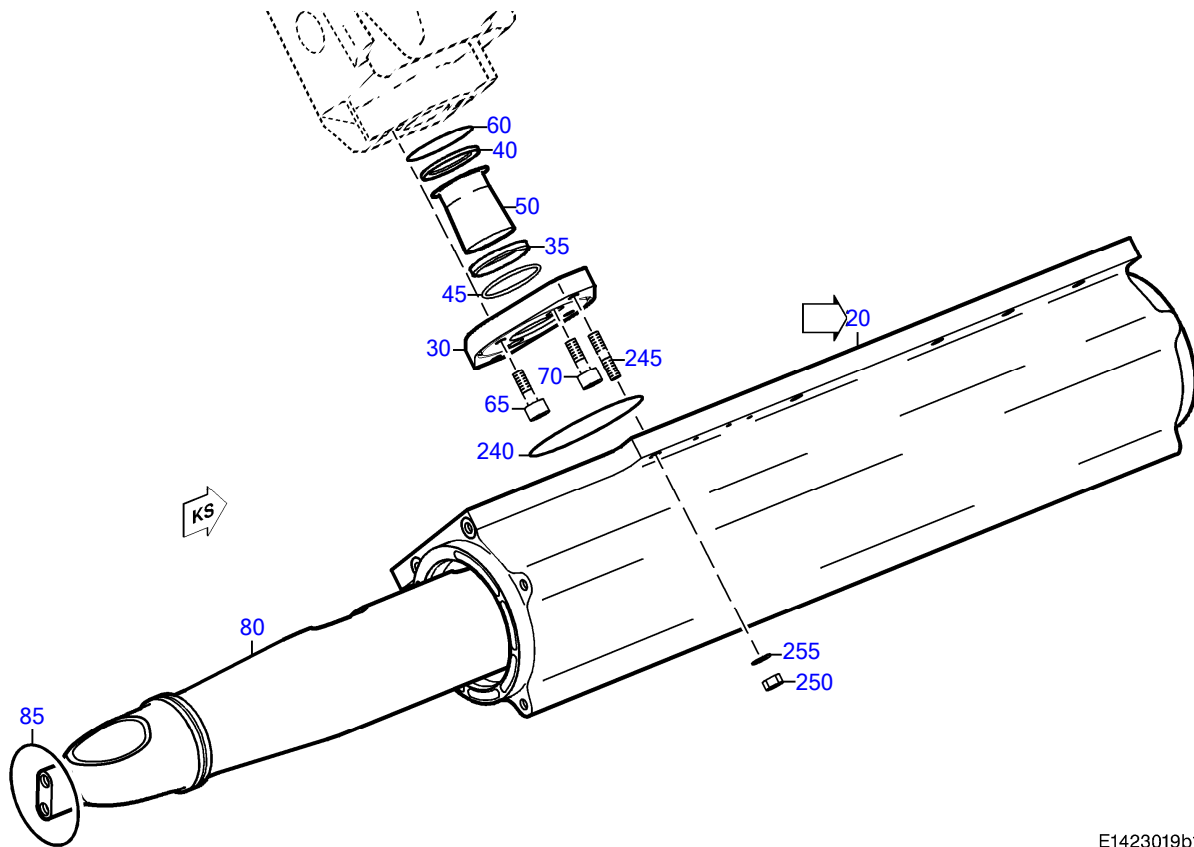
FG/FGS: 142 05

BOM-No.: 140.00031



Business Portal Online Print 04-07-2017

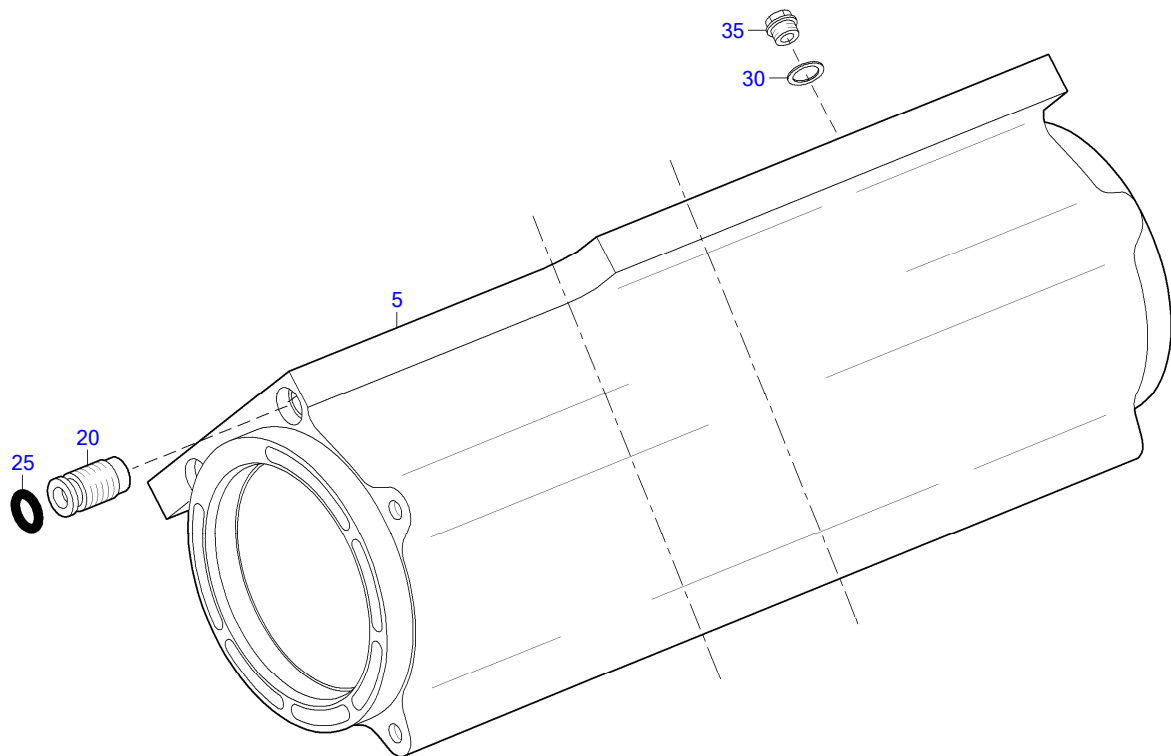
E1423018b1



E1423019b1

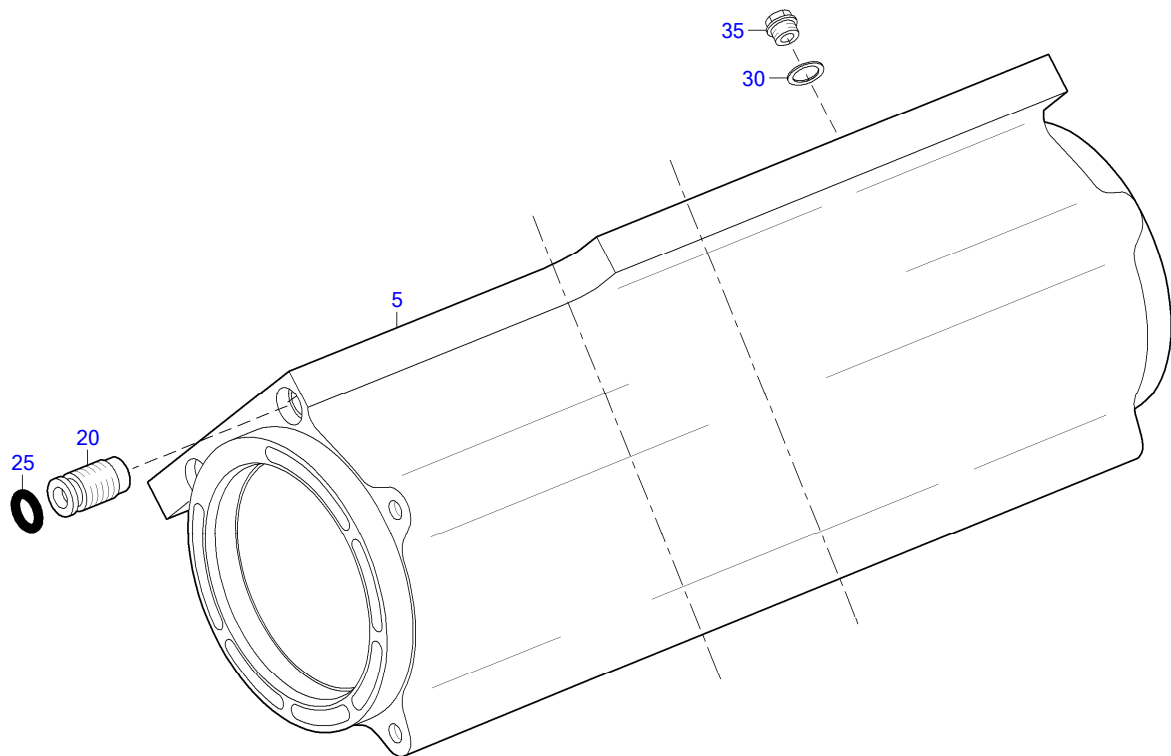
□	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	116	15	5311400718	EXHAUST HOUSING LEFT SIDE	8V2000M	1	PC	25.000 kg	EM	
	117	20	5311400818	EXHAUST HOUSING RIGHT SIDE	8V2000M	1	PC	25.000 kg	EM	
		30	5361420715	FLANGE INTERMEDIATE	12/16V 2000	8	PC	1.800 kg	4-LOCH FLANSCH	
		35	5361420358	RING CLAMPING	BR2000	8	PC	30.000 g		
		40	5361420458	RING	BR2000	8	PC	21.800 g		
		45	5362370026	SPRING		8	PC	5.300 g		
		50	5361420025	DIFFUSER EXHAUST		8	PC	75.500 g	EM	
		60	700429065002	O-RING		8	PC	3.400 g	65 X 3	MMN429
		65	000912010012	BOLT HEX SOC HD		16	PC	29.000 g	M 10 X 35	DIN912
		70	000912010003	BOLT HEX SOC HD		16	PC	21.700 g	M 10 X 20	DIN912
		75	5311420009	EXHAUST MANIFOLD LEFT SIDE		1	PC	14.857 kg	EM	
		80	5311420109	EXHAUST MANIFOLD RIGHT SIDE		1	PC	12.200 kg	EM	
		85	234110095000	R-RING		2	PC	25.000 g	95 X 3 G4 S4 KI KA	DIN34110
		95	5351420186	SLEEVE EXPANSION WTR CLD MANIF		2	PC	262.400 g		
		100	200933012003	HEX SCREW		2	PC	47.800 g	M 12 X 40	DIN933
		105	5590770176	WASHER		2	PC	7.700 g		
		115	50547	PASTE ULTRA THERM MTU	ULTRA-THERM MTU MTH5128	1	PC	500.000 g	1 ST = 500 G	MTH5128
		120	5311420033	PLATE	8V2000	2	PC	378.400 g		
		125	5361420365	FLANGE SPACER		2	PC	190.000 g		
		135	X00048307	RTV	WACKER ELASTOSIL N2189	1	PC	350.000 g	1 ST = 310 ML, TUBE MIT AUFSATZ	MTS5027
		140	000933010089	HEX SCREW		8	PC	21.100 g	M 10 X 20	DIN933
		150	200931010010	HEX SCREW		4	PC	47.100 g	M 10 X 60	DIN931

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	160	5361420591	CAP LEFT EXHAUST HOUSING		1	PC	3.830 kg			
	165	5361420491	CAP RIGHT EXHAUST HOUSING		1	PC	3.800 kg			
	170	000908010002	SCREWED PLUG		2	PC	0.006 kg	M 10 X 1		DIN908
	175	007603010110	WASHER A COP		2	PC	0.300 g	A 10 X 13,5		DIN7603
	185	5361420058	SEAL RING EXHAUST HOUSING		4	PC	31.000 g			
	188	50667	GREASE	CASTROL BRAYCOTE INERTOX 500-2	1	KG	1.000 kg	1 TIN = 1 KG		MTH5120
	190	700429148001	O-RING		4	PC	20.200 g	148 X 5		MMN429
	195	700429110002	O-RING		4	PC	15.400 g	110 X 5		MMN429
	200	000835010061	STUD		6	PC	33.000 g	M 10 X 45		DIN835
	205	000835010106	STUD		4	PC	36.700 g	M 10 X 50		DIN835
	210	000934010005	NUT HEX		10	PC	10.400 g	M 10		DIN934
	215	000933010095	HEX SCREW		4	PC	36.100 g	M 10 X 50		DIN933
	220	000125010524	WASHER		19	PC	3.100 g	A 10,5		DIN125
	225	000933010192	HEX SCREW		6	PC	48.400 g	M 10 X 75		DIN933
	230	5551870640	BRACKET L H:51 S2000/4000		1	PC	54.900 g			
	240	700429115001	O-RING		8	PC	5.600 g	115 X 3		MMN429
	245	000939010056	STUD		16	PC	23.800 g	M 10 X 35		DIN939
	250	000934010005	NUT HEX		16	PC	10.400 g	M 10		DIN934
	255	201440010000	WASHER		16	PC	3.900 g	10		DIN1440
	265	5351420191	COVER		2	PC	221.300 g			
	270	304017008079	HEX SCREW		5	PC	11.700 g	M 8 X 20		ISO4017
	272	304017008081	HEX SCREW		1	PC	13.400 g	M 8 X 25		ISO4017
	275	000125008427	WASHER		6	PC	1.500 g	A 8,4		DIN125
	280	X00048307	RTV	WACKER ELASTOSIL N2189	1	PC	350.000 g	1 ST = 310 ML, TUBE MIT AUFSATZ		MTS5027



14200610

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	5	5311421367	EXHAUST HOUSING LEFT SIDE	8V2000M	1	PC		EM		
	20	5369970315	THREADED BUSHING	16V2000M	4	PC	57.200 g			
	25	700429014002	O-RING		4	PC	1.600 g		14 X 4	MMN429
	30	007603012111	COPPER SEALING RING		4	PC	0.700 g		A 12 X 15,5	DIN7603
	35	007604012102	PLUG		4	PC	0.018 kg		A M 12 X 1,5	DIN7604



14200610

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	5	5311421267	EXHAUST HOUSING RIGHT SIDE	8V2000M	1	PC		EM		
	20	5369970315	THREADED BUSHING	16V2000M	4	PC	57.200 g			
	25	700429014002	O-RING		4	PC	1.600 g		14 X 4	MMN429
	30	007603012111	COPPER SEALING RING		4	PC	0.700 g		A 12 X 15,5	DIN7603
	35	007604012102	PLUG		4	PC	0.018 kg		A M 12 X 1,5	DIN7604

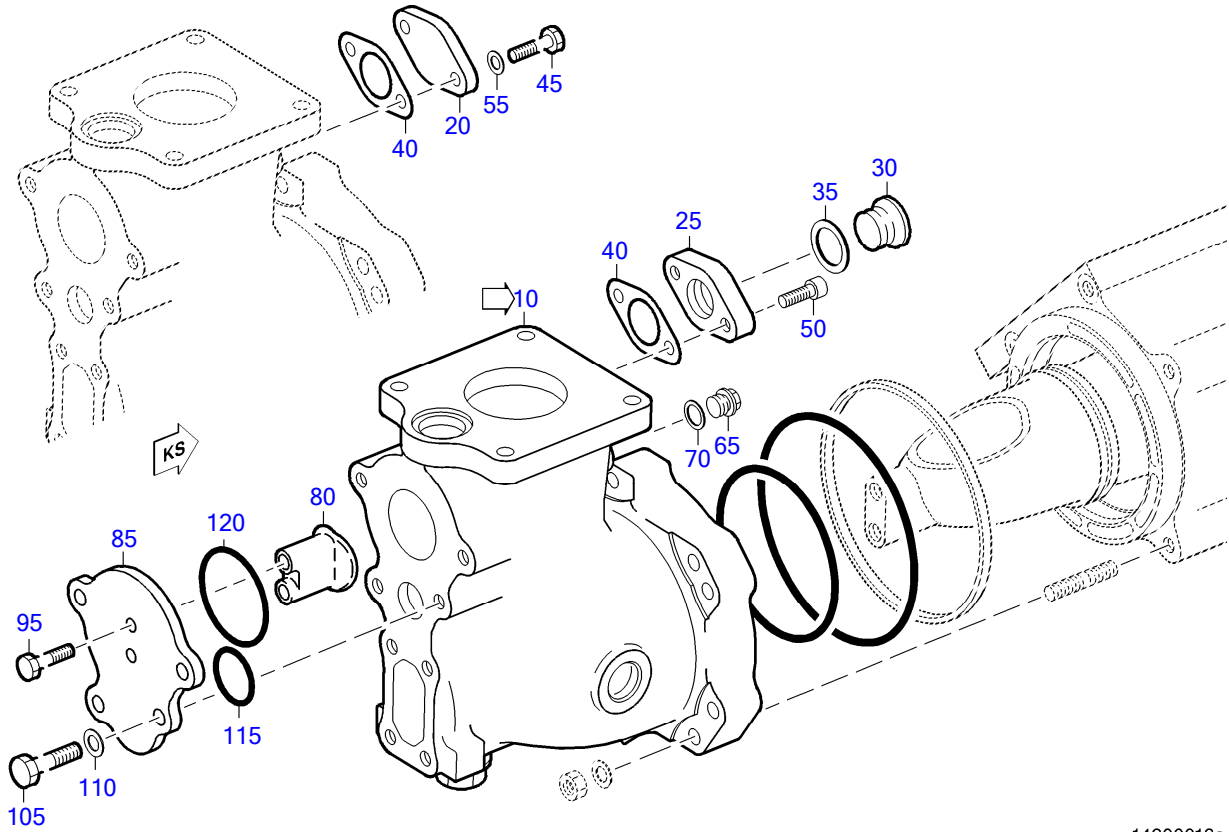
EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
EXHAUST SYSTEM SEQUENTIAL T/CHNGG.

SERIAL NUMBER: 531101840

FG/FGS: 142 05

BOM-No.: 140.00061



14200016a

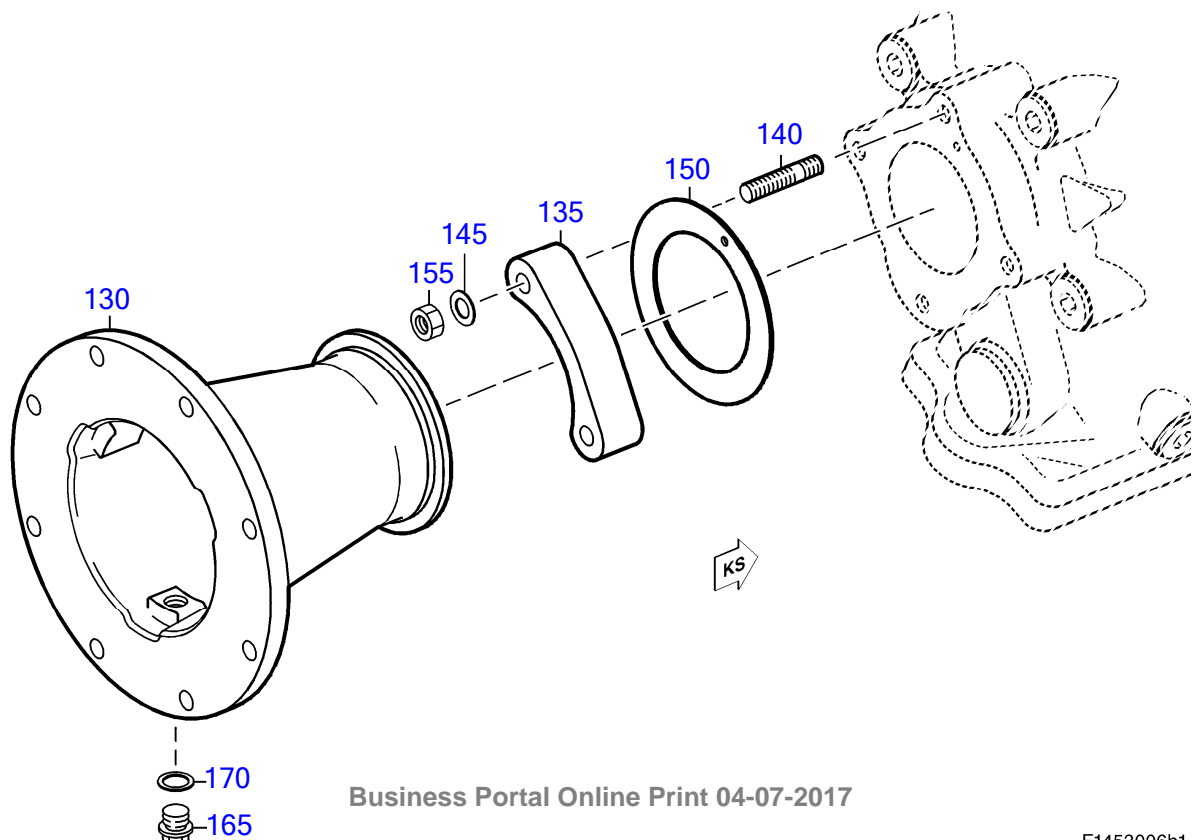
EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
EXHAUST SYSTEM SEQUENTIAL T/CHNGG.

SERIAL NUMBER: 531101840

FG/FGS: 142 05

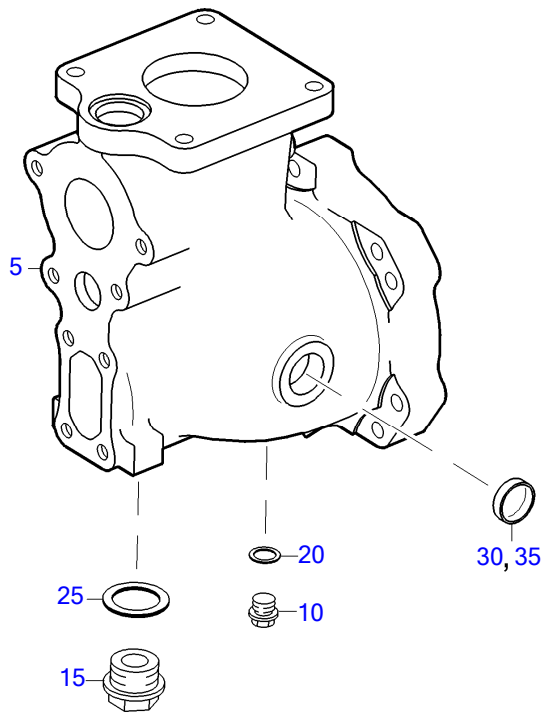
BOM-No.: 140.00061



Business Portal Online Print 04-07-2017

E1453006b1

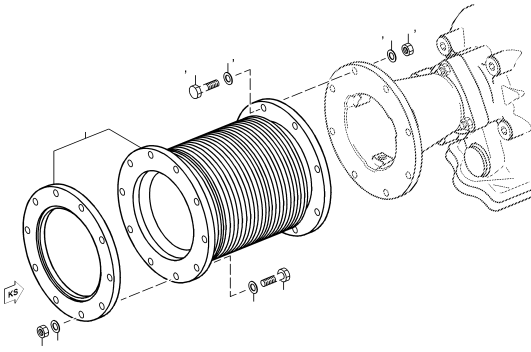
☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
119	10	5311400009	EXHAUST ELBOW		2	PC	14.000 kg	P EM		
	20	271501000801	FLANGE		1	PC	92.000 g		B 0 X 44	DIN71501
	25	5311420115	FLANGE		1	PC	98.000 g			
	30	007604026102	PLUG		1	PC	0.061 kg		A M 26 X 1,5	DIN7604
	35	007603026104	COPPER SEALING RING		1	PC	3.100 g		A 26 X 31	DIN7603
	40	271511022000	GASKET		2	PC	1.600 g		22X 44X1	DIN71511
	45	304017008079	HEX SCREW		2	PC	11.700 g		M 8 X 20	ISO4017
	50	000912008115	BOLT HEX SOC HD		2	PC	11.400 g		M 8 X 16	DIN912
	55	000125008427	WASHER		2	PC	1.500 g		A 8,4	DIN125
	65	007604014102	PLUG		2	PC	0.024 kg		A M 14 X 1,5	DIN7604
	70	007603014102	COPPER SEALING RING		2	PC	1.000 g		A 14 X 18	DIN7603
	80	X53199100128	SEAL PLUG FOR EXHAUST CONNECT		2	PC	0.200 kg			
	85	5311420091	COVER	8V2000	2	PC	569.900 g			
	95	200933008009	HEX SCREW		4	PC	17.400 g		M 8 X 35	DIN933
	105	000933010089	HEX SCREW		8	PC	21.100 g		M 10 X 20	DIN933
	110	000125010524	WASHER		8	PC	3.100 g		A 10,5	DIN125
	115	700429032003	O-RING		2	PC	3.000 g		32 X 4	MMN429
	120	700429060002	O-RING		2	PC	5.500 g		60 X 4	MMN429
	130	5311420067	HOUSING		2	PC	5.400 kg	EM		DBL4441
	135	5311420012	CLAMP		4	PC	385.100 g			
	140	000939010115	STUD		8	PC	29.700 g		M 10 X 45	DIN939
	145	000125010524	WASHER		8	PC	3.100 g		A 10,5	DIN125
	150	5311420280	GASKET		2	PC	50.000 g			
	155	200934010000	NUT HEX		8	PC	10.400 g		M 10	DIN934
	165	000910014004	PLUG		2	PC	25.000 g		M 14 X 1,5	DIN910
	170	007603014103	WASHER A		2	PC	0.800 g	AB	A 14 X 18	DIN7603



E0005835a0

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	5	5311420401	EXHAUST ELBOW	1	PC		EM		
	10	000910014004	PLUG	1	PC	25.000 g		M 14 X 1,5	DIN910
	15	007604030101	PLUG	1	PC	0.070 kg		A M 30 X 1,5	DIN7604
	20	007603014102	COPPER SEALING RING	1	PC	1.000 g		A 14 X 18	DIN7603
	25	007603030101	COPPER SEALING RING	1	PC	4.300 g		A 30 X 36	DIN7603
	30	5370160133	PLUG CUP	1	PC	15.200 g		DM 28	
	35	40083	SCREW LOCKING DEVICE LOCTITE 270	1	PC	80.400 g		1 KAR = 12 ST Å 50 ML	MMN377A

GROUP SEGMENT (FGS)
GROUP NAME
BOM-No.

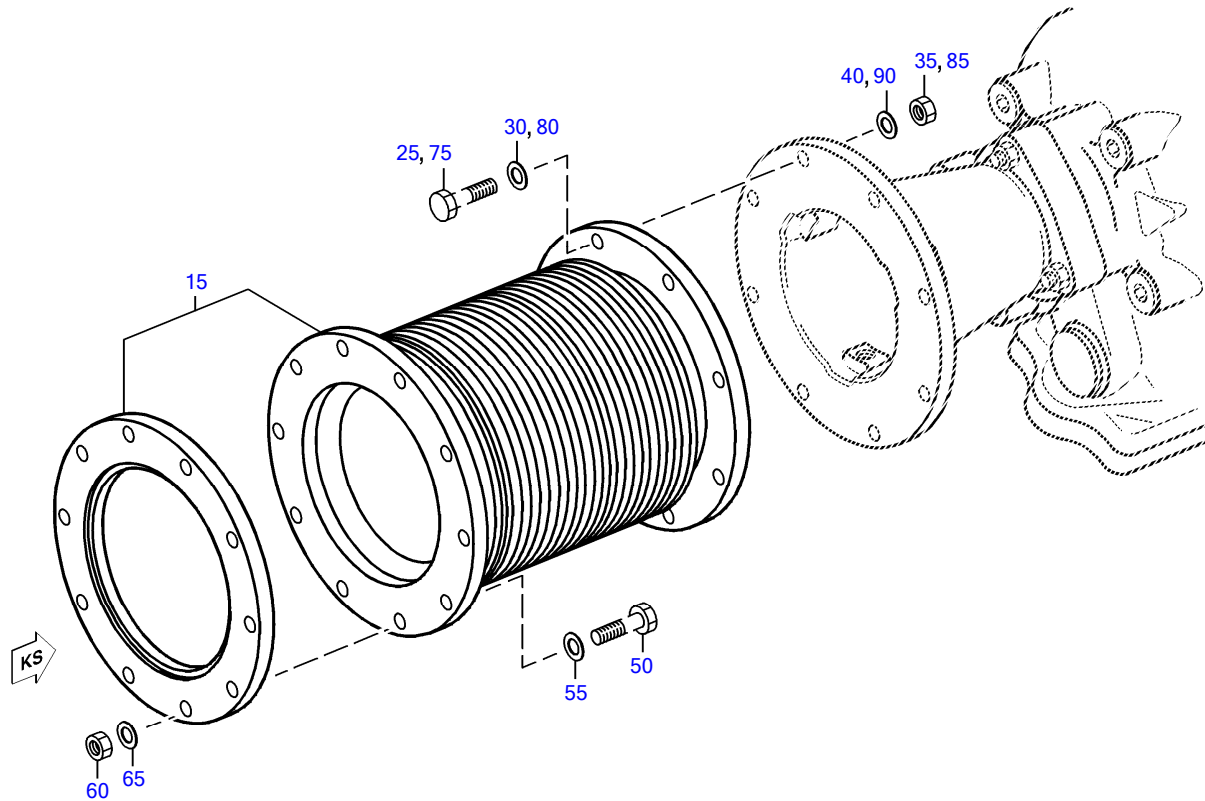


05
EXH PIPE BELLOWS
140.00024

14600002a

10
EXHAUST SYSTEM VERTICAL
XS531140.00001

10
BRACE FOR EXHAUST ELBOW
XS531140.00003



14600002a

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	15	0001400382	BELLOWS EXHAUST PIPE	2	PC	9.228 kg		
	25	000000003436	HEX SCREW	8	PC	32.500 g	M 10 X 45	ISO4017
	30	000125010524	WASHER	8	PC	3.100 g	A 10,5	DIN125
	35	200934010000	NUT HEX	8	PC	10.400 g	M 10	DIN934
	40	000125010524	WASHER	8	PC	3.100 g	A 10,5	DIN125
	50	000000003436	HEX SCREW	20	PC	32.500 g	M 10 X 45	ISO4017
	55	000125010524	WASHER	20	PC	3.100 g	A 10,5	DIN125
	60	200934010000	NUT HEX	20	PC	10.400 g	M 10	DIN934
	65	000125010524	WASHER	20	PC	3.100 g	A 10,5	DIN125
	75	000000003436	HEX SCREW	8	PC	32.500 g	M 10 X 45	ISO4017
	80	000125010524	WASHER	8	PC	3.100 g	A 10,5	DIN125
	85	200934010000	NUT HEX	8	PC	10.400 g	M 10	DIN934
	90	000125010524	WASHER	8	PC	3.100 g	A 10,5	DIN125


EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
EXHAUST SYSTEM VERTICAL

SERIAL NUMBER: 531101840

FG/FGS: 146 10

BOM-No.: XS531140.00001

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	200	5311400309	FLANGED ELBOW	8V2000	2	PC	7.600 kg		
	300	007604018101	PLUG		2	PC	0.028 kg	A M 18 X 1,5	DIN7604
	350	007603018107	WASHER A		2	PC	2.000 g	A 18 X 24	DIN7603
	450	5311420380	GASKET	8V2000	2	PC	178.200 g		
	500	200933010007	HEX SCREW		16	PC	31.500 g	M 10 X 40	DIN933
	550	000125010524	WASHER		32	PC	3.100 g	A 10,5	DIN125
	600	200934010000	NUT HEX		16	PC	10.400 g	M 10	DIN934


EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
BRACE FOR EXHAUST ELBOW

SERIAL NUMBER: 531101840

FG/FGS: 146 10

BOM-No.: XS531140.00003

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	100	5311420042	SUPPORT	2	PC	760.000 g		
	200	5501421153	SLEEVE	2	PC	39.000 g		
	250	X00019462	SPACER SLEEVE	2	PC	66.200 g		
	300	200933010024	HEX SCREW	2	PC	40.000 g	M 10 X 65	DIN933
	350	007349010002	WASHER	2	PC	11.000 g	10,5	DIN7349
	450	X00019462	SPACER SLEEVE	2	PC	66.200 g		
	500	200931010016	HEX SCREW	2	PC	42.400 g	M 10 X 55	DIN931
	550	007349010002	WASHER	2	PC	11.000 g	10,5	DIN7349

EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A

SERIAL NUMBER: 531101840

EXHAUST SYSTEM INSULATION AFTER ENGINE (TO END OF
EXH. AFTER

FG/FGS: 147

GROUP SEGMENT (FGS)


GROUP NAME

BOM-No.

15

EXHAUST INSULATION FOR SOLAS

XS531140.00004

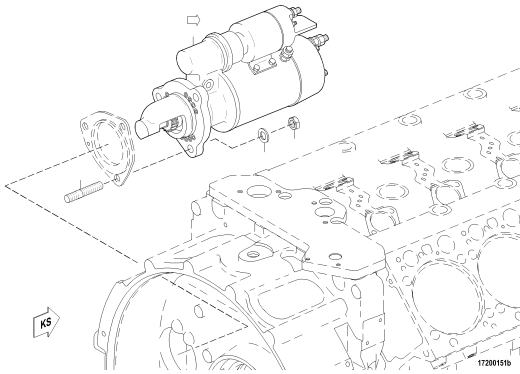
	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN
	250	X53514700009	HT INSULATE MOLDING FOR EXHAUST HOUSING	2	PC	1.500 kg	EM
	350	X53514700010	HT INSULATE MOLDING FOR EXHAUST ELBOW	2	PC	1.145 kg	EM
	400	X53514700011	HT INSULATE MOLDING ON EXH PIPE FLANGE	2	PC	0.295 kg	EM
	500	X53514700014	INSULATING MAT FOR EXHAUST ELBOW	2	PC	0.110 kg	EM
	600	X53514700013	HT INSULATE MOLDING FOR EXH PIPE BELLOW	1	PC	4.055 kg	EM
	700	X53514700013	HT INSULATE MOLDING FOR EXH PIPE BELLOW	1	PC	4.055 kg	EM
	800	X53114700001	HEAT CAP LEFT SIDE	1	PC	2.212 kg	
	900	X53114700002	HEAT CAP RIGHT SIDE	1	PC	2.607 kg	

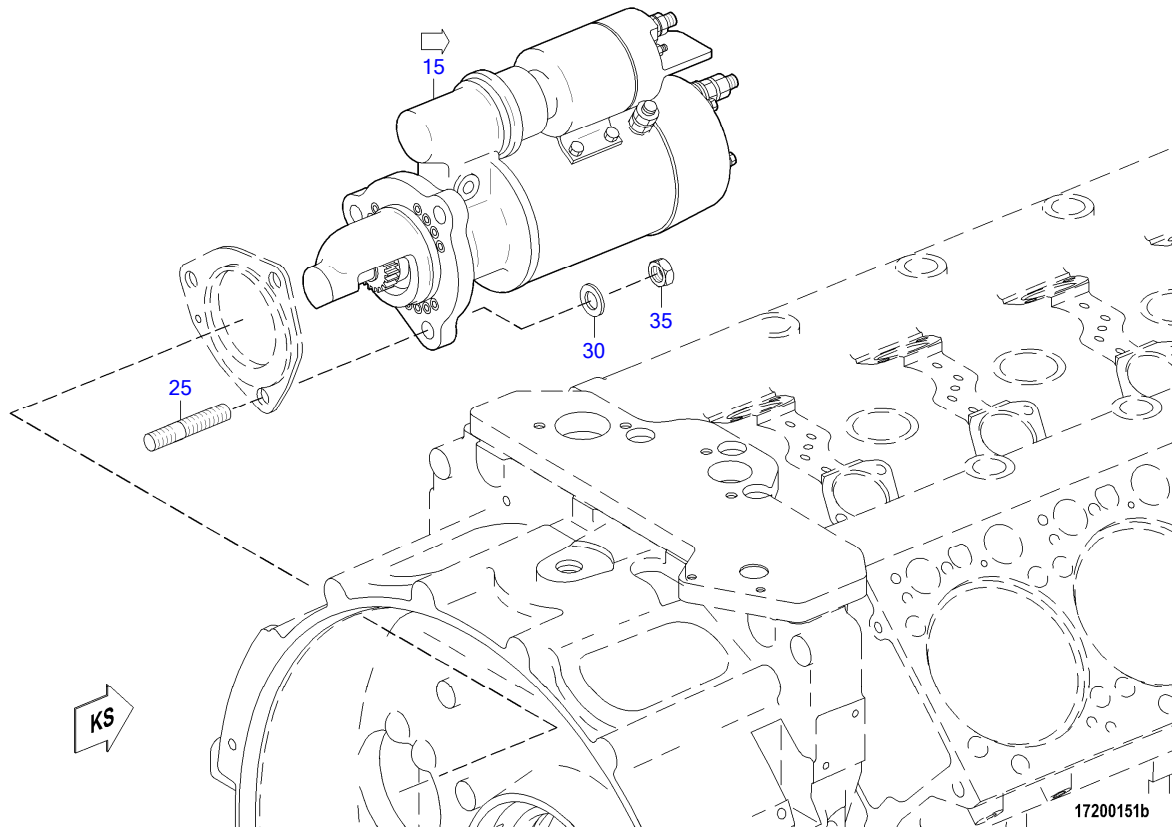
GROUP SEGMENT (FGS)


GROUP NAME

BOM-No.

05
ELECTRIC STARTER
170.00065





	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	15	0051519901	STARTER ELECTRIC	1	PC	19.820 kg		
	25	000835012017	STUD	3	PC	46.100 g	M 12 X 40	DIN835
	30	007349013002	WASHER	3	PC	24.500 g	13	DIN7349
	35	000934012008	NUT HEX	3	PC	15.200 g	M 12	DIN934

EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
STARTER ELECTRIC

SERIAL NUMBER: 531101840

FG/FGS:

BOM-No.: 0051519901

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT
	10	X00013598	RETAINER	1	PC		
	20	X00013674	PINION	1	PC		
	30	X00013599	RETAINER	1	PC		
	40	X00013605	PARTS KIT	1	PC	370.000 g	
	50	0001525010	CONTROL SYSTEM	1	PC	620.000 g	0 331 101 005 DELCO 19024321
	60	0001525110	SOLENOID	1	PC	950.000 g	0 331 450 002 DELCO 19024325
	70	X00013612	COVER	1	PC		
	80	8691510066	ARMATURE	1	PC	5.700 kg	2 004 005 023 DELCO 19024318
	90	X00013614	WINDING	1	PC		
129	100	8691510067	ARMATURE SHAFT CPL	1	PC	204.000 g	2 003 050 040 DELCO 19024394
	110	8691510049	NUT	1	PC	17.000 g	2 003 315 003 DELCO 19024300
	120	8691510108	CARBON BRUSH	1	PC	113.000 g	2 007 014 079 DELCO 19024644
	130	0001510633	SHAFT	1	PC	1.030 kg	2 006 401 527 DELCO 19024931
	140	X00013623	COUPLING ELEMENT	1	PC		


EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
ARMATURE SHAFT CPL

SERIAL NUMBER: 531101840

FG/FGS:

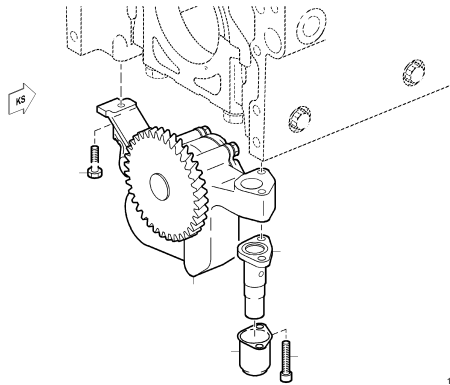
BOM-No.: 8691510067

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	8699930026	PRESSURE SPRING	1	PC	12.500 g		
	15	8691510510	BUSHING	1	PC	4.000 g		
	20	005401303000	BALL	11	PC	0.100 g	3G20	DIN5401
	25	8699940004	LOCKING RING	1	PC	0.400 g		

GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.



05
OIL SYSTEM SEQUENTIAL T/CHGNG.
180.00090

18100796

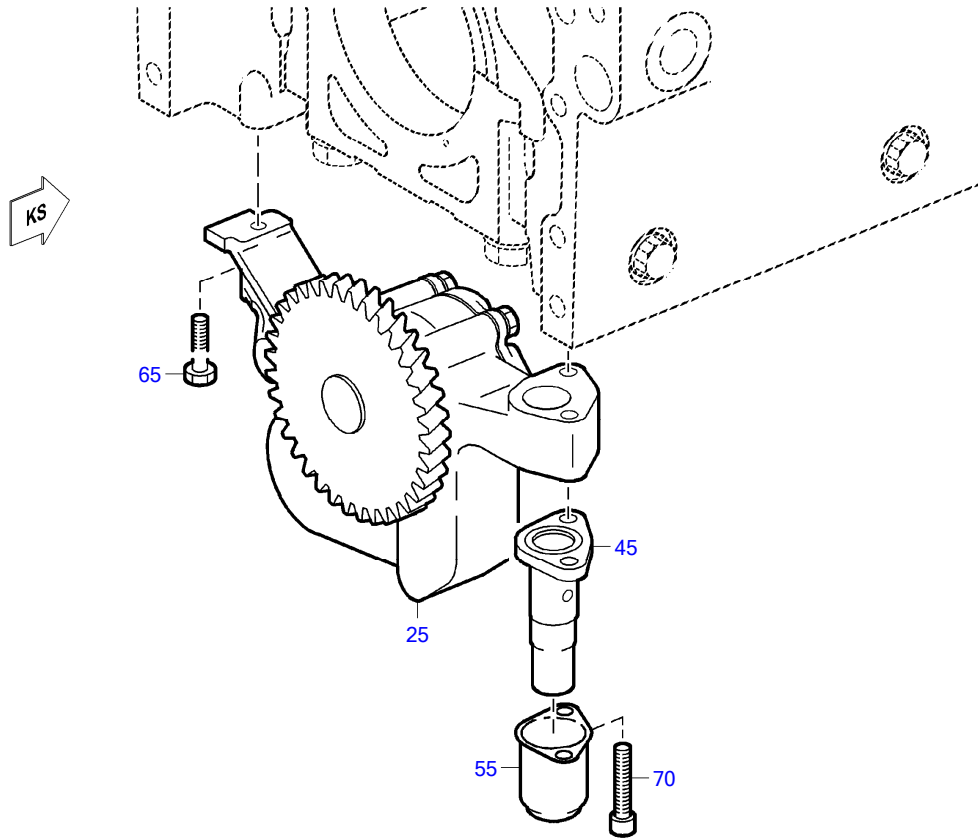
EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
OIL SYSTEM SEQUENTIAL T/CHGNG.

SERIAL NUMBER: 531101840

FG/FGS: 181 05

BOM-No.: 180.00090



18100796

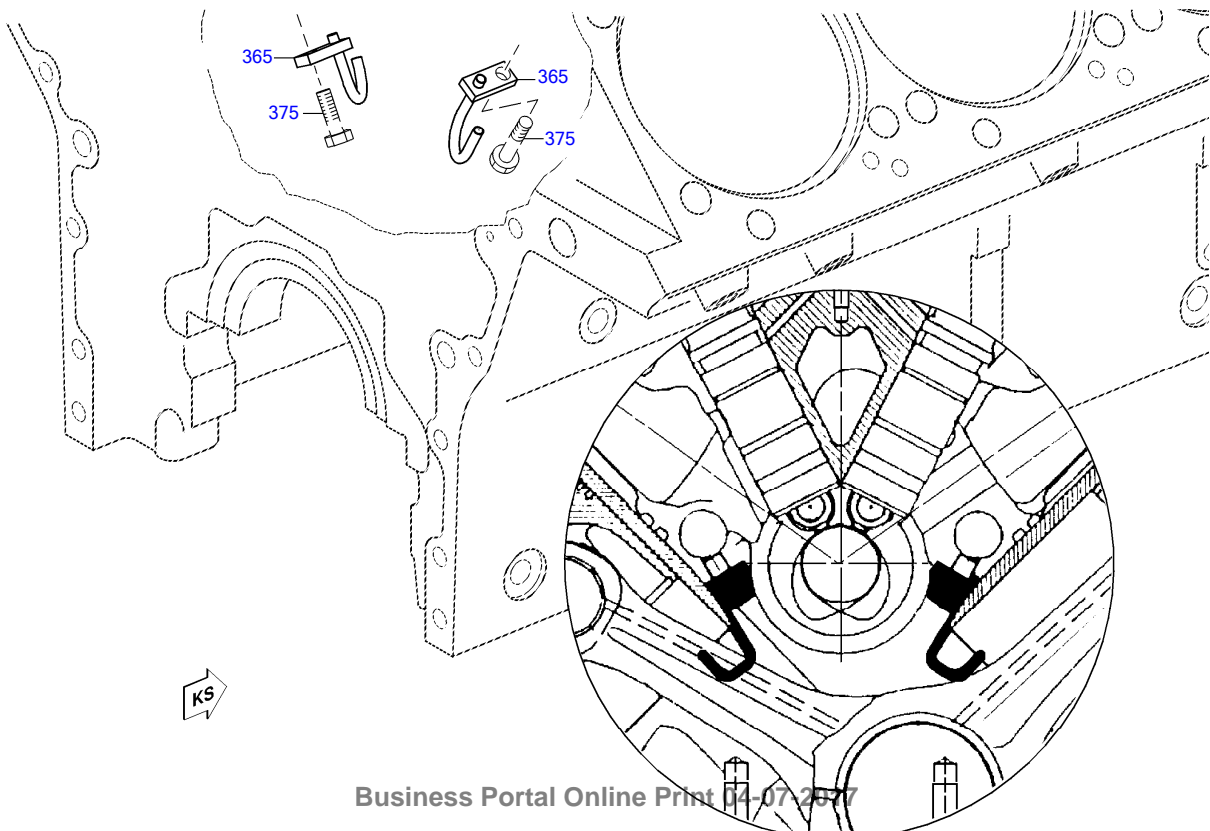
EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
OIL SYSTEM SEQUENTIAL T/CHGNG.

SERIAL NUMBER: 531101840

FG/FGS: 181 05

BOM-No.: 180.00090



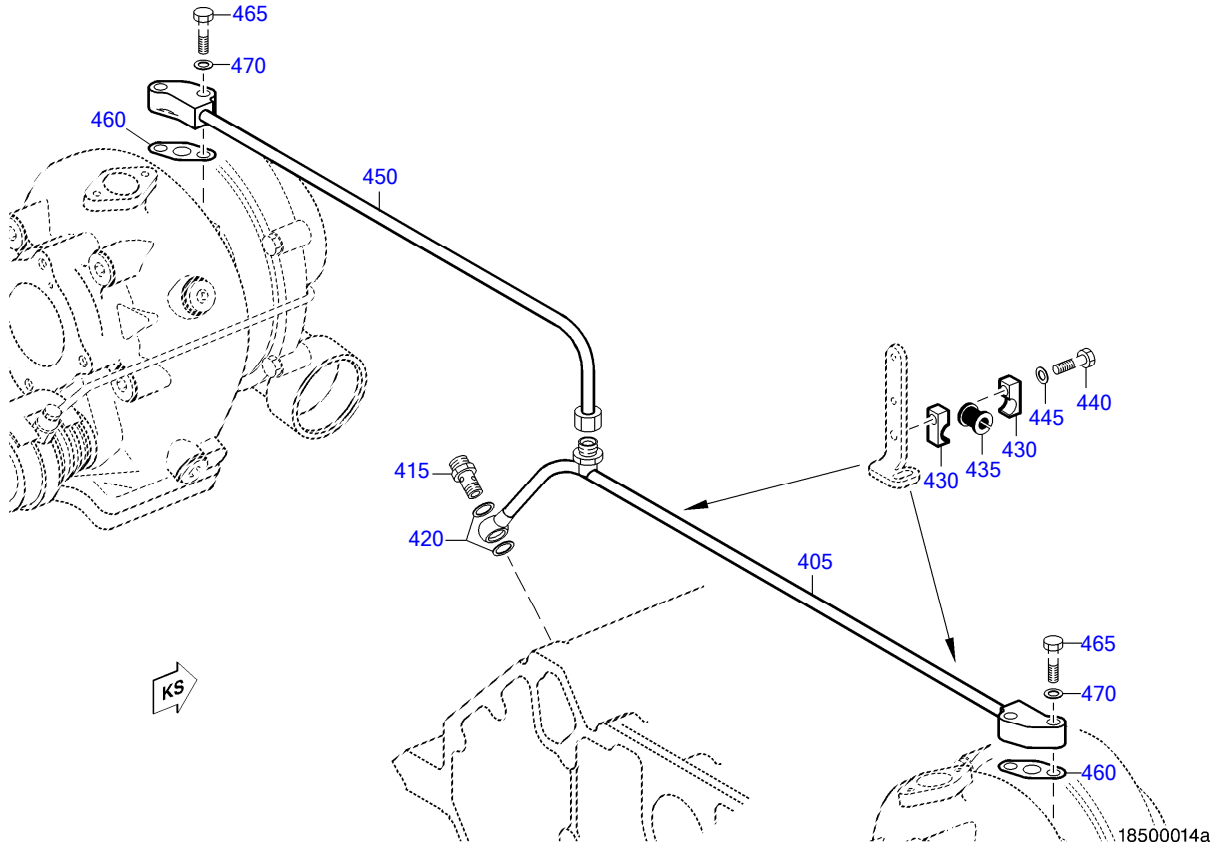
EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
OIL SYSTEM SEQUENTIAL T/CHGNG.

SERIAL NUMBER: 531101840

FG/FGS: 181 05

BOM-No.: 180.00090



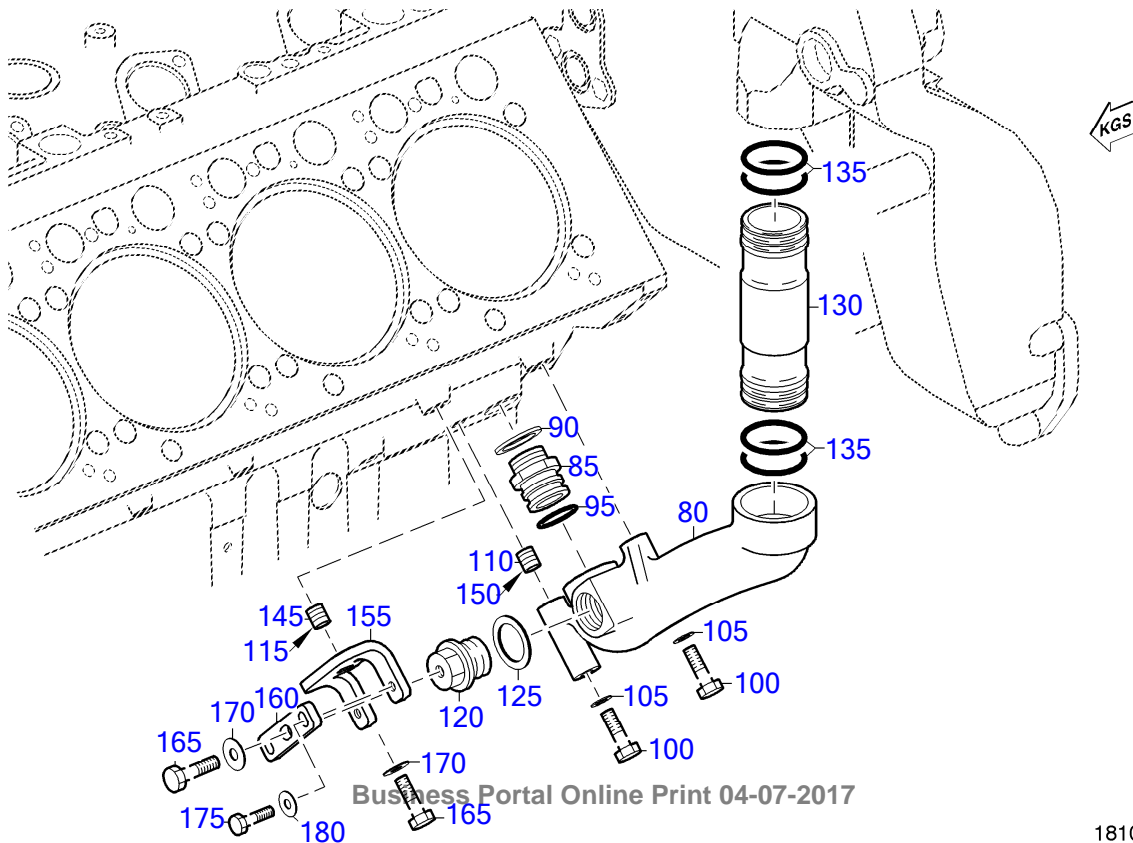
EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
OIL SYSTEM SEQUENTIAL T/CHGNG.

SERIAL NUMBER: 531101840

FG/FGS: 181 05

BOM-No.: 180.00090



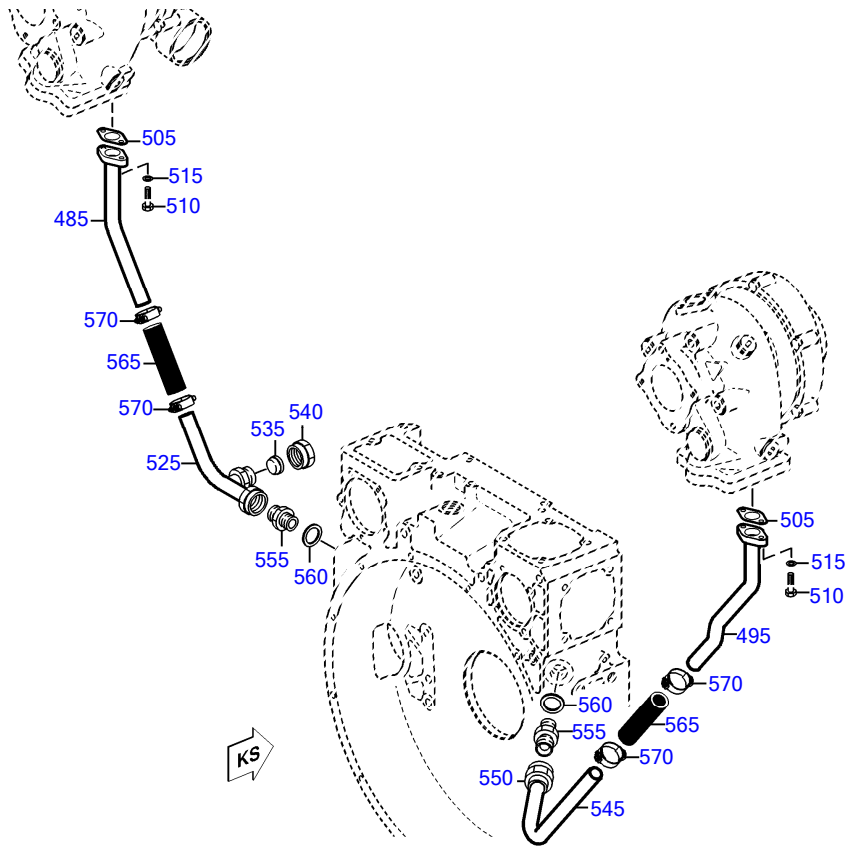
EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
OIL SYSTEM SEQUENTIAL T/CHGNG.

SERIAL NUMBER: 531101840

FG/FGS: 181 05

BOM-No.: 180.00090



18500023a

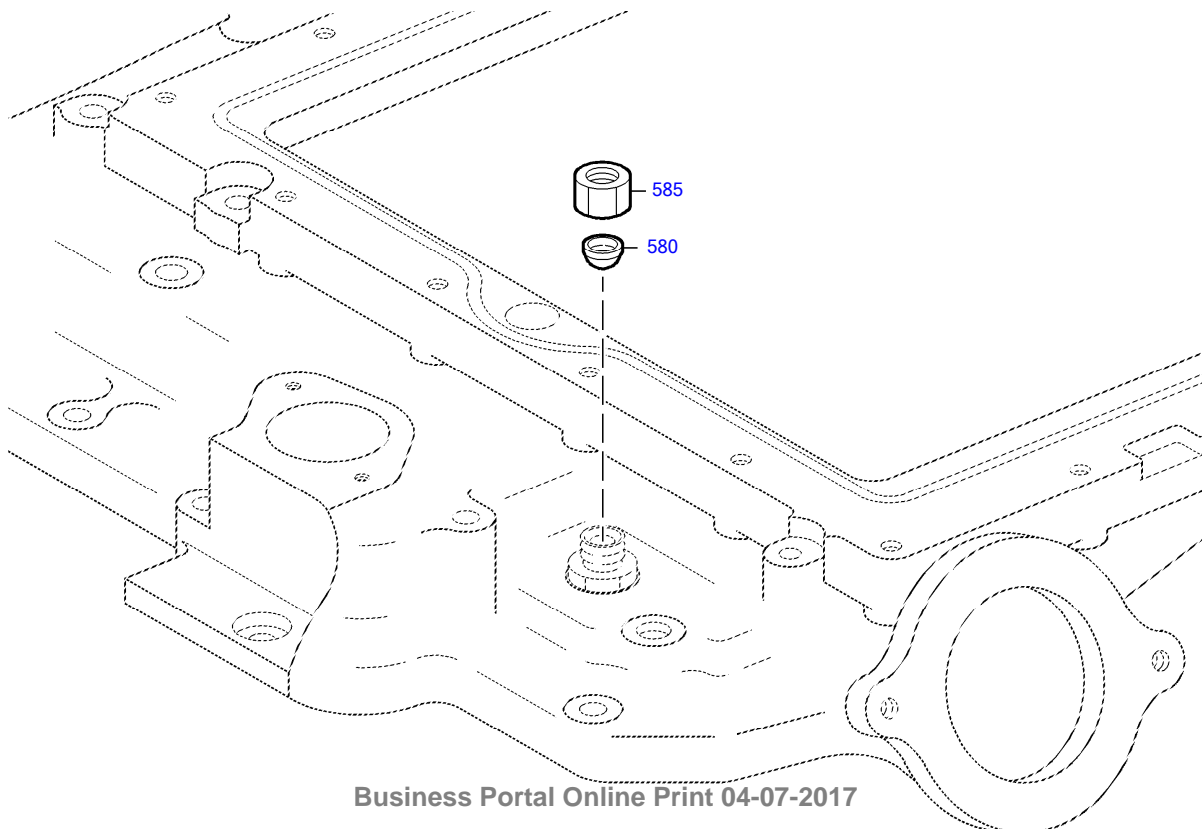
EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
OIL SYSTEM SEQUENTIAL T/CHGNG.

SERIAL NUMBER: 531101840

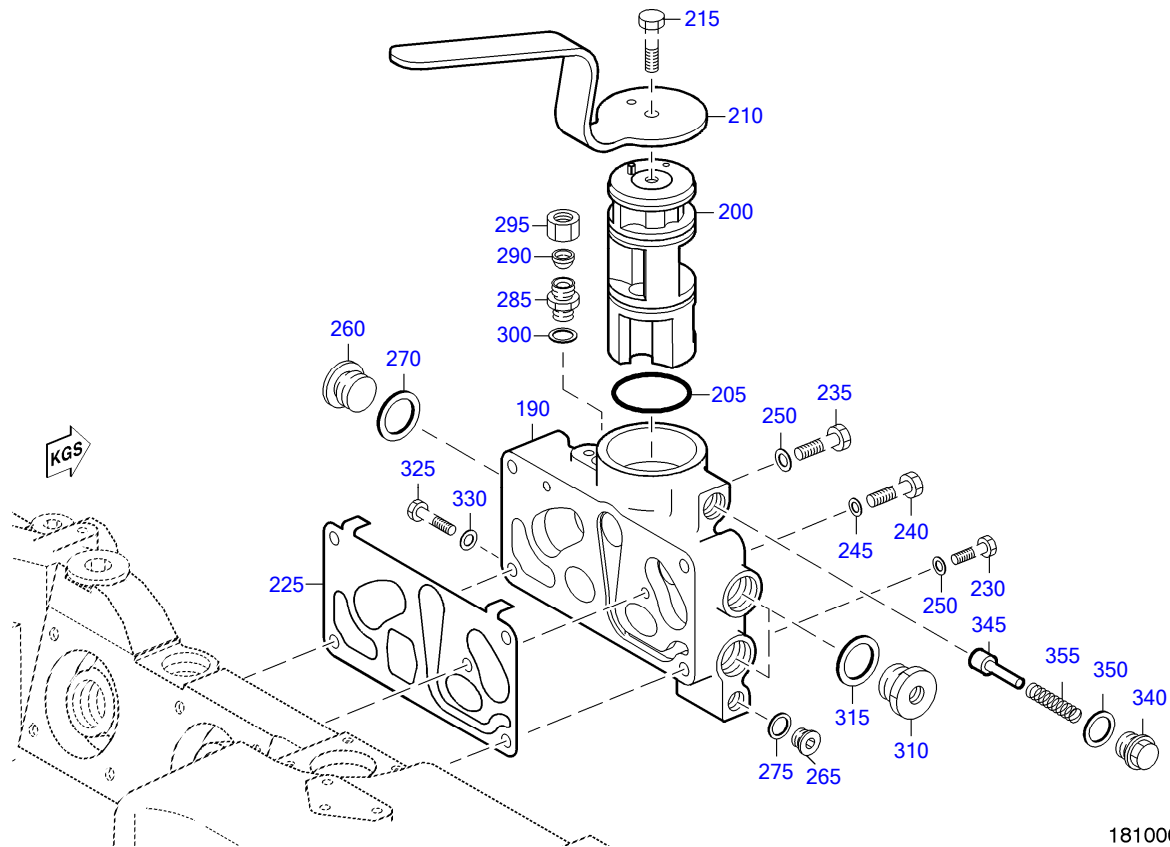
FG/FGS: 181 05

BOM-No.: 180.00090



Business Portal Online Print 04-07-2017

18500015a



18100019b

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	25	5311800201	OIL PUMP	8V2000	1	PC	8.008 kg			
	45	5361800515	VALVE ASM OIL PRESS RELIEF 8.5 BAR	8,12,16V2000M+SG	1	PC	235.000 g	8,5 BAR		
	55	4049885235	CAP		1	PC	27.500 g			
	65	000931008397	HEX SCREW		1	PC	40.300 g	M 8 X 95		DIN931
	70	000912008054	BOLT		2	PC	33.000 g	M 8 X 75		DIN912
	80	5311870024	ELBOW		1	PC	902.400 g			
	85	5311870026	UNION		1	PC	108.600 g			
	90	007603030101	COPPER SEALING RING		1	PC	4.300 g	A 30 X 36		DIN7603
	95	700429030002	O-RING		1	PC	3.100 g	30 X 4		MMN429
	100	000931010239	HEX SCREW		2	PC	56.300 g	M 10 X 80		DIN931
	105	000125010524	WASHER		2	PC	3.100 g	A 10,5		DIN125
	110	900195010101	THREAD INSERT		2	PC	6.100 g	10/14 X12		MTN5270
	115	40083	SCREW LOCKING DEVICE LOCTITE 270		1	PC	80.400 g	1 KAR = 12 ST À 50 ML		MMN377A
	120	5319970030	PLUG	8V2000M	1	PC	0.180 kg			
	125	007603033100	WASHER A33X39 COP METALLIC		1	PC	4.600 g	A 33 X 39		DIN7603
	130	5311870008	PLUG-IN PIPE	8V2000M	1	PC	0.281 kg			
	135	700429045000	O-RING		4	PC	6.800 g	45 X 5		MMN429
	145	900195010101	THREAD INSERT		1	PC	6.100 g	10/14 X12		MTN5270
	150	40083	SCREW LOCKING DEVICE LOCTITE 270		1	PC	80.400 g	1 KAR = 12 ST À 50 ML		MMN377A
	155	5311870440	RETAINER	8V2000M	1	PC	730.000 g			
	160	5311870340	RETAINER	8V2000M	1	PC	45.000 g			
	165	000933010035	HEX SCREW		2	PC	23.900 g	M 10 X 25		DIN933
	170	007349010001	WASHER		2	PC	10.900 g	10,5		DIN7349
	175	304017008079	HEX SCREW		2	PC	11.700 g	M 8 X 20		ISO4017

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	180	007349008000	WASHER		2	PC	7.700 g	8,4		DIN7349
	190	5361800034	HOUSING		1	PC	4.000 kg	UB		
132	200	X53518300029	ROTARY SLIDE VALVE F.CHANGEOVER HSNG.		1	PC	0.874 kg			
	205	700429062000	O-RING		1	PC	5.500 g	62 X 4		MMN429
	210	X00027276	LEVER	BR2000	1	PC	379.000 g			
	215	000933010180	HEX SCREW		1	PC	25.400 g	M 10 X 28		DIN933
	225	5361840680	GASKET		1	PC	35.700 g			
	230	000931010236	HEX SCREW		3	PC	52.000 g	M 10 X 70		DIN931
	235	000931010292	HEX SCREW		1	PC	73.700 g	M 10 X110		DIN931
	240	304014008032	HEX SCREW		1	PC	34.100 g	M 8 X 80		ISO4014
	245	000125008427	WASHER		1	PC	1.500 g	A 8,4		DIN125
	250	000125010524	WASHER		4	PC	3.100 g	A 10,5		DIN125
	260	000908030002	THREAD PLUG		1	PC	0.085 kg	M 30 X 1,5		DIN908
	265	000908016001	THREADED PLUG		1	PC	0.020 kg	M 16 X 1,5		DIN908
	270	007603030101	COPPER SEALING RING		1	PC	4.300 g	A 30 X 36		DIN7603
	275	007603016105	COPPER SEALING RING		1	PC	3.000 g	A 16 X 20		DIN7603
	285	915013010001	UNION		1	PC	29.200 g	10		N15013
	290	915005010000	CONE SEALING 12		1	PC	5.400 g	12		MBN15005
	295	915001010004	NUT		1	PC	20.000 g	10 M 18 X 1,5		N15001
	300	007603016105	COPPER SEALING RING		1	PC	3.000 g	A 16 X 20		DIN7603
	310	5369970116	BUSHING THREADED		2	PC	115.200 g			
	315	007603030101	COPPER SEALING RING		2	PC	4.300 g	A 30 X 36		DIN7603
	325	304017008077	HEX SCREW		1	PC	10.500 g	M 8 X 16		ISO4017
	330	000125008427	WASHER		1	PC	1.500 g	A 8,4		DIN125
	340	5361840156	PLUG		1	PC	0.060 kg			
	345	5369910220	STUD BALL		1	PC	57.000 g			
	350	007603022102	COPPER SEALING RING		1	PC	0.900 g	A 22 X 27		DIN7603
	355	002098001022	SPRING PRESSURE		1	PC	3.100 g	1,25X 10 X 44,5		DIN2098
	365	5411800743	NOZZLE ASM		8	PC	35.900 g	SB		
	375	304017008077	HEX SCREW		8	PC	10.500 g	M 8 X 16		ISO4017
	405	5311802519	OIL LINE F/TURBOCHARGER,RIGH	8V2000M90	1	PC	365.000 g	SB		
	415	915011008101	BOLT BANJO A 8		1	PC	28.400 g	A 8		N15011
	420	007603014102	COPPER SEALING RING		2	PC	1.000 g	A 14 X 18		DIN7603
	430	700325015100	CLAMP HALF TUBE 1/1 D9-15		4	PC	34.000 g	1/1 D 9 - 15		MMN325
	435	700327010000	GROMMET		2	PC	2.800 g	10		MMN327
	440	304017008084	HEX SCREW		2	PC	16.400 g	M 8 X 35		ISO4017
	445	000125008427	WASHER		2	PC	1.500 g	A 8,4		DIN125
	450	X53118500001	OIL LINE F/TURBOCHARGER, LEF	8V2000M41-61	1	PC	206.000 g			
	460	4421870180	GASKET		2	PC	0.600 g			
	465	304017008083	HEX SCREW		4	PC	15.100 g	M 8 X 30		ISO4017
	470	000125008427	WASHER		4	PC	1.500 g	A 8,4		DIN125
	485	5311800222	OIL RETURN LINE		1	PC	181.700 g	SB		
	495	5311800422	OIL RETURN LINE		1	PC	167.000 g	SB		
	505	5061870080	GASKET		2	PC	2.200 g			
	510	000933008114	HEX SCREW		4	PC	12.300 g	M 8 X 22		DIN933
	515	000125008427	WASHER		4	PC	1.500 g	A 8,4		DIN125
	525	5311800322	OIL RETURN LINE		1	PC	258.300 g	SB		
	535	915005013004	CONE SEALING 15		1	PC	9.300 g	15		MBN15005
	540	915001013003	UNION NUT M1		1	PC	30.400 g	13 M 22 X 1,5		N15001
	545	5311800522	OIL RETURN LINE		1	PC	159.900 g	SB		
	550	915001020003	NUT		1	PC	46.900 g	20 M 30 X 1,5		N15001
	555	915013020002	SCREW NECK		2	PC	66.700 g	20 (M30X1,5/M26X1,5)		N15013
	560	007603026104	COPPER SEALING RING		2	PC	3.100 g	A 26 X 31		DIN7603
	565	700368022001	SLEEVE RUBBER		2	PC	39.400 g	22 X 70		MMN368

EQUI TYPE: Engine

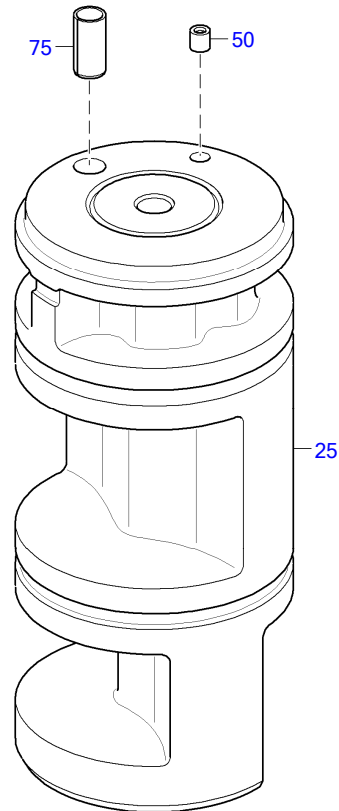
PRODUCT TYPE: 8V2000M41A
OIL SYSTEM SEQUENTIAL T/CHGNG.

SERIAL NUMBER: 531101840

FG/FGS: 181 05

BOM-No.: 180.00090

<input type="checkbox"/>	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	570	00000000667	CLAMP		4	PC	24.500 g	20-	32X12-SW7-W3	MBN10223
	580	915005008001	CONE SEALING 10		1	PC	4.500 g	10		MBN15005
	585	915001008003	NUT		1	PC	14.300 g	8 M	16 X 1,5	N15001



18100983

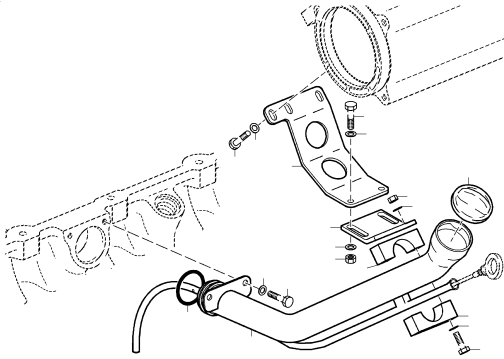
☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	25	X53518300031	ROTARY SLIDE VALVE	1	PC	0.871 kg		
	50	735073005100	SEAL PLUG	1	PC	2.200 g	B 5	MTN5073
	75	007346008009	SPRING PIN	1	PC	2.200 g	8 X 16	DIN7346

GROUP SEGMENT (FGS)

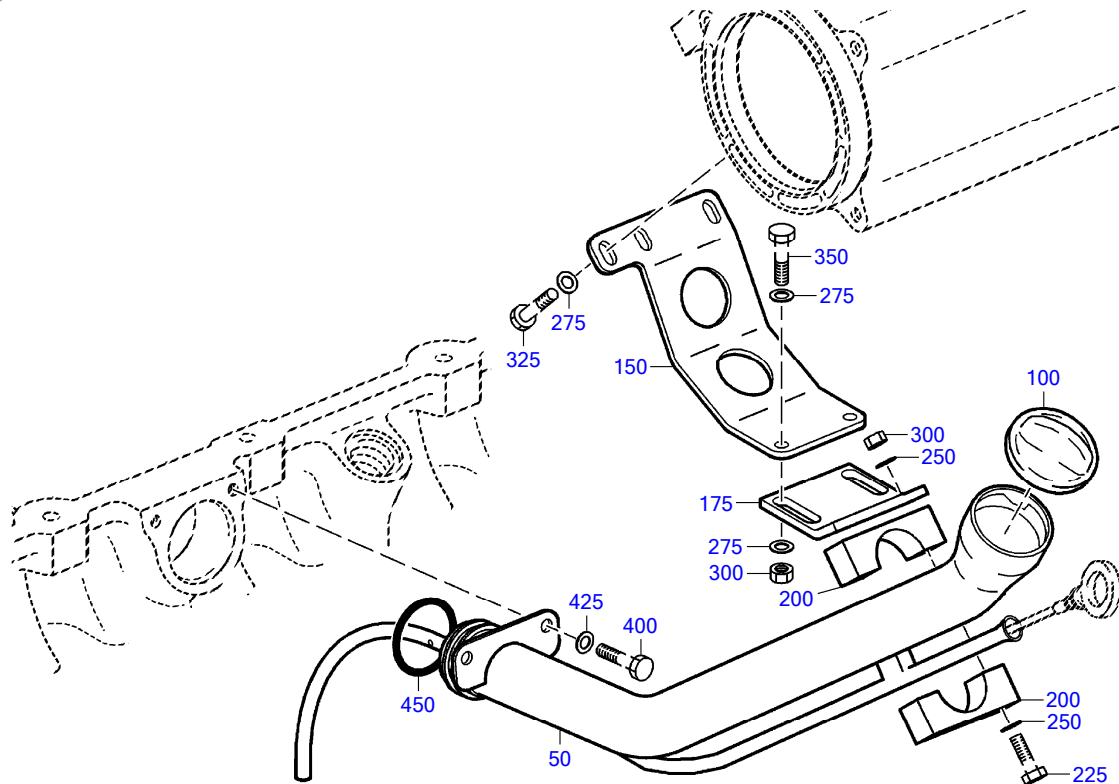
GROUP NAME

BOM-No.

10
OIL FILLER NECK F/INSTALLATION LEFT
XS531010.00003



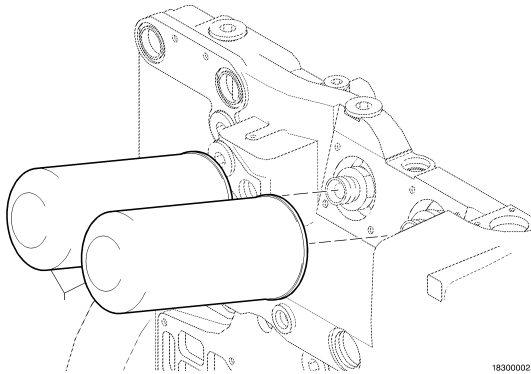
18200233



18200233

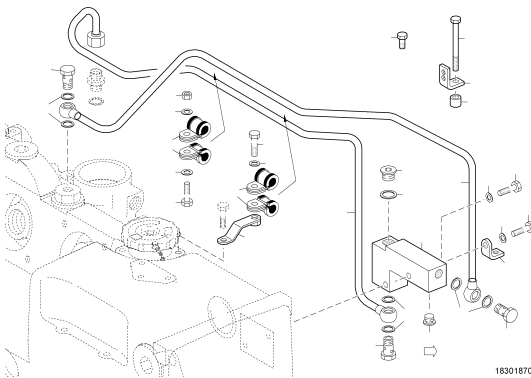
☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	50	5310100164	OIL FILLER NECK		1	PC	1.700 kg		
	100	0000180702	CAP OIL FILL		1	PC	70.000 g		
	150	5310180740	RETAINER	8V2000M90	1	PC	570.100 g		
	175	5360180840	RETAINER	BR2000	1	PC	197.800 g		
	200	700325042100	CLAMP HALF TUBE 1/2 D9-42		2	PC	160.000 g	1/2 D 9 - 42	MMN325
	225	000933008242	HEX SCREW		2	PC	25.000 g	M 8 X 65	DIN933
	250	000125008427	WASHER		4	PC	1.500 g	A 8,4	DIN125
	275	007349008002	WASHER		6	PC	7.900 g	8,4	DIN7349
	300	000934008008	NUT HEX		4	PC	4.600 g	M 8	DIN934
	325	304017008079	HEX SCREW		2	PC	11.700 g	M 8 X 20	ISO4017
	350	304017008081	HEX SCREW		2	PC	13.400 g	M 8 X 25	ISO4017
	400	304017008077	HEX SCREW		2	PC	10.500 g	M 8 X 16	ISO4017
	425	000125008427	WASHER		2	PC	1.500 g	A 8,4	DIN125
	450	700429045000	O-RING		1	PC	6.800 g	45 X 5	MMN429

GROUP SEGMENT (FGS)
GROUP NAME
BOM-No.



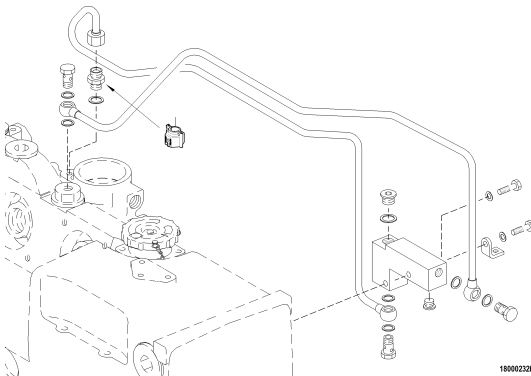
05
OIL FILTER
180.00052

18300002a



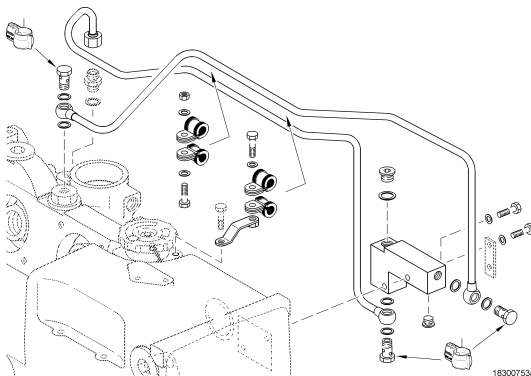
05
ACCESSORIES FOR ON-ENGINE SENSO
500.00183

18301870



05
COVER FOR SOLAS
X00015601

1800023b



05
COVER FOR SOLAS
X00015603

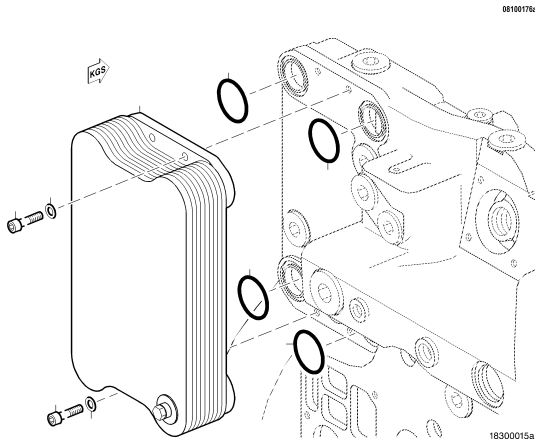
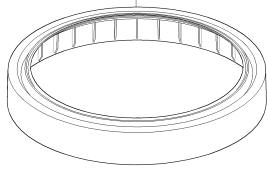
18300753a

GROUP SEGMENT (FGS)

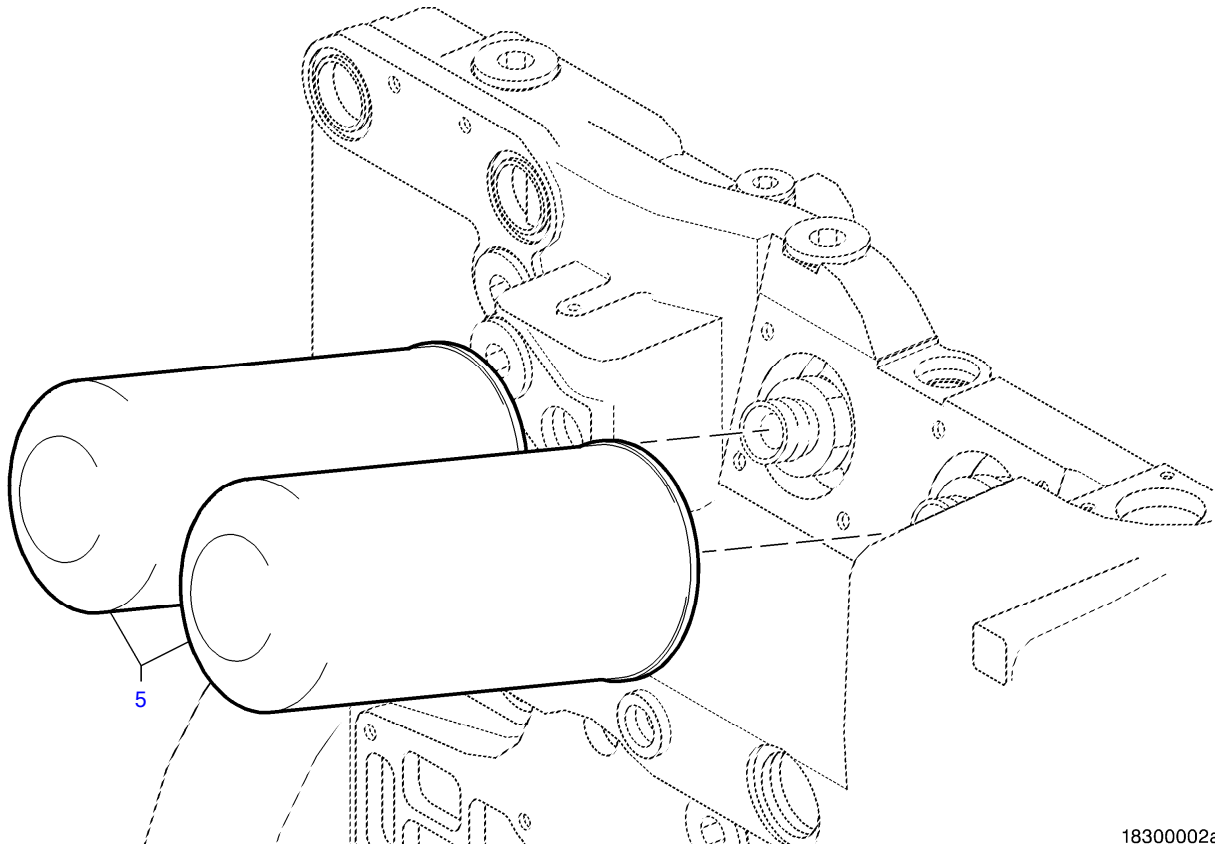
GROUP NAME

BOM-No.

05
COVER FOR SOLAS
X00017129

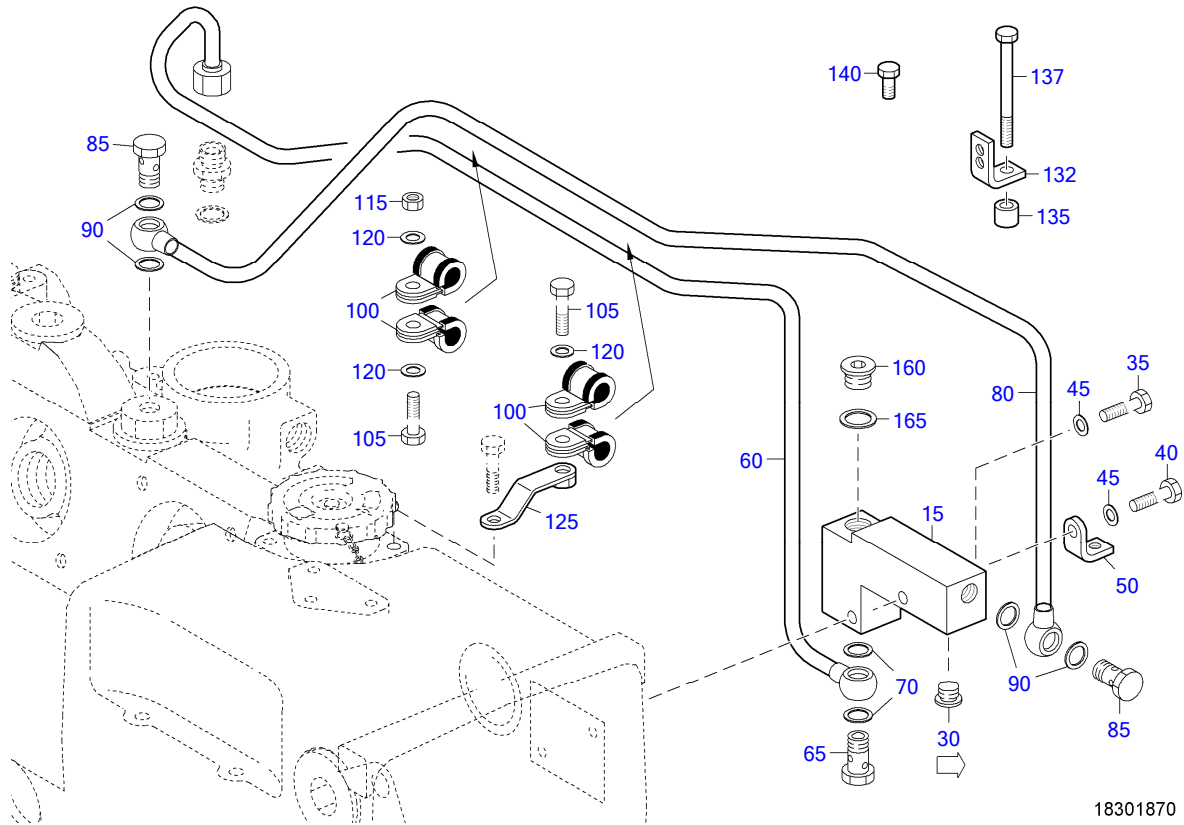


15
OIL HEAT EXCHANGER
180.00051



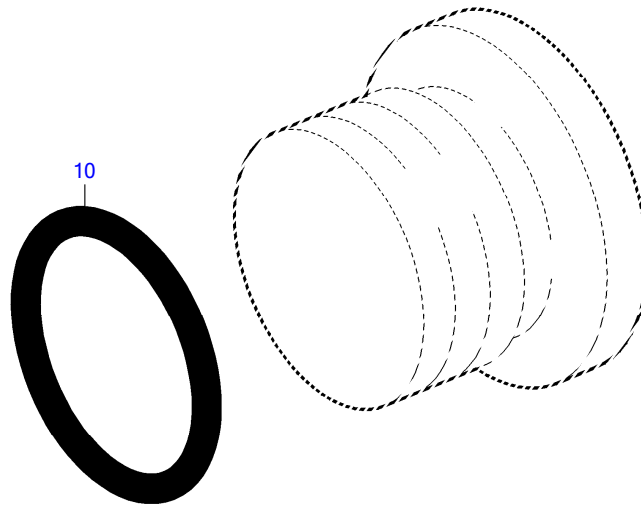
18300002a

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN
	5	0031845201	OIL FILTER SPIN-ON	2	PC	1.585 kg	AB




18301870

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	15	5361870035	SENSOR BLOCK	BR2000	1	PC	1.500 kg		
138	30	735210014000	THREAD PLUG		1	PC	0.019 kg	M 14 X 1,5	MTN5210
	35	304017008087	HEX SCREW		1	PC	21.300 g	M 8 X 50	ISO4017
	40	304017008088	HEX SCREW		1	PC	22.600 g	M 8 X 55	ISO4017
	45	000125008427	WASHER		2	PC	1.500 g	A 8,4	DIN125
	50	5502030043	BRACKET		1	PC	31.000 g	H023	
	60	5311800922	OIL LINE	8V2000	1	PC	185.000 g		
	65	700223006000	BOLT BANJO A8 S2000/4000		1	PC	38.800 g	A 8	MMN223
	70	007603014102	COPPER SEALING RING		2	PC	1.000 g	A 14 X 18	DIN7603
	80	5311802619	OIL LINE	8V2000	1	PC	170.000 g		
	85	700223006000	BOLT BANJO A8 S2000/4000		2	PC	38.800 g	A 8	MMN223
	90	007603014102	COPPER SEALING RING		4	PC	1.000 g	A 14 X 18	DIN7603
	100	916016008202	CLAMP		4	PC	17.900 g	BRSGU 8/20	N16016
	105	304017008081	HEX SCREW		2	PC	13.400 g	M 8 X 25	ISO4017
	115	000934008008	NUT HEX		1	PC	4.600 g	M 8	DIN934
	120	000125008427	WASHER		4	PC	1.500 g	A 8,4	DIN125
	125	5361800340	RETAINER	8/12/16V2000M	1	PC	34.300 g		
	132	5502030143	BRACKET		2	PC	37.500 g		
	135	5500780453	SPACER SLEEVE		1	PC	13.600 g	9 X 16 X 13	
	137	000931008241	HEX SCREW		1	PC	31.700 g	M 8 X 75	DIN931
	140	000933008013	HEX SCREW		1	PC	9.900 g	M 8 X 14	DIN933
	160	000908018002	PLUG		1	PC	0.029 kg	M 18 X 1,5	DIN908
	165	007603018101	COPPER SEALING RING		1	PC	1.300 g	A 18 X 22	DIN7603



E0005821a0

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

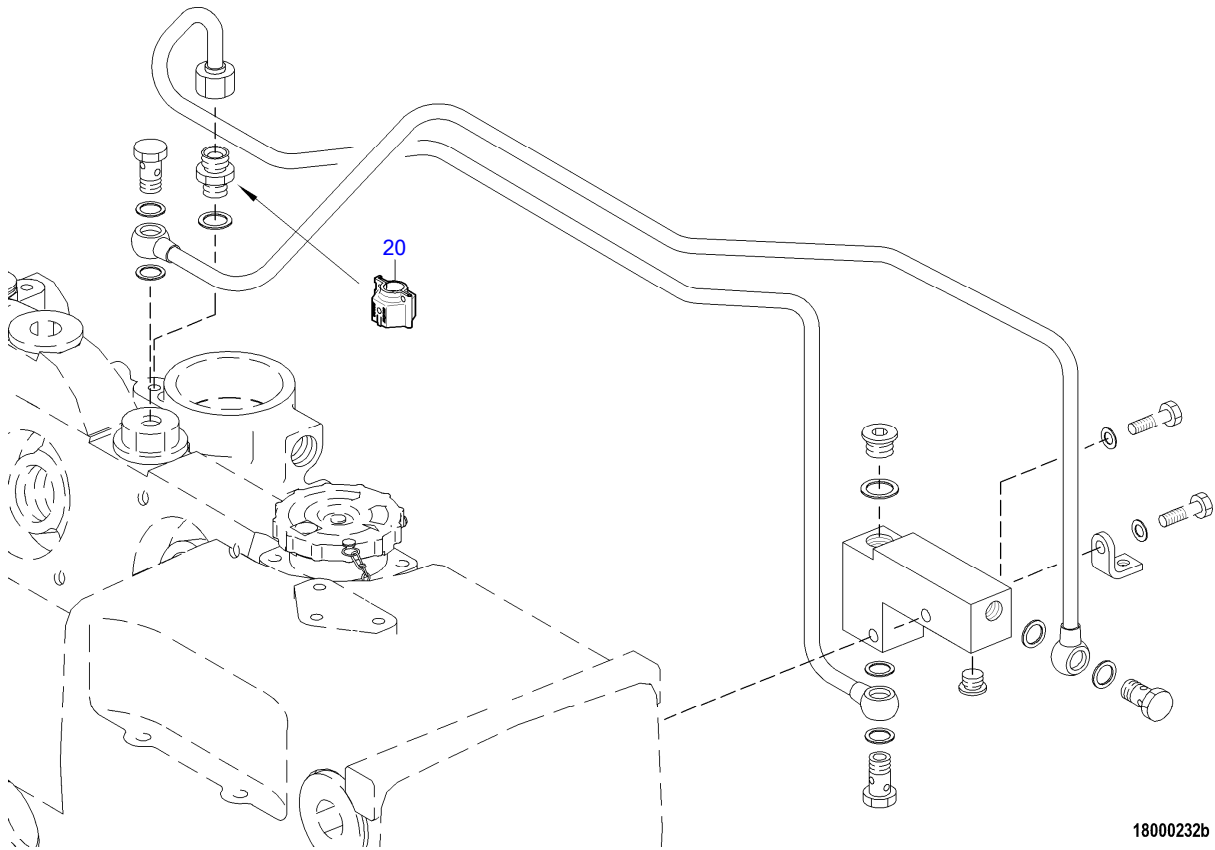
EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
COVER FOR SOLAS

SERIAL NUMBER: 531101840

FG/FGS: 183 05

BOM-No.: X00015601



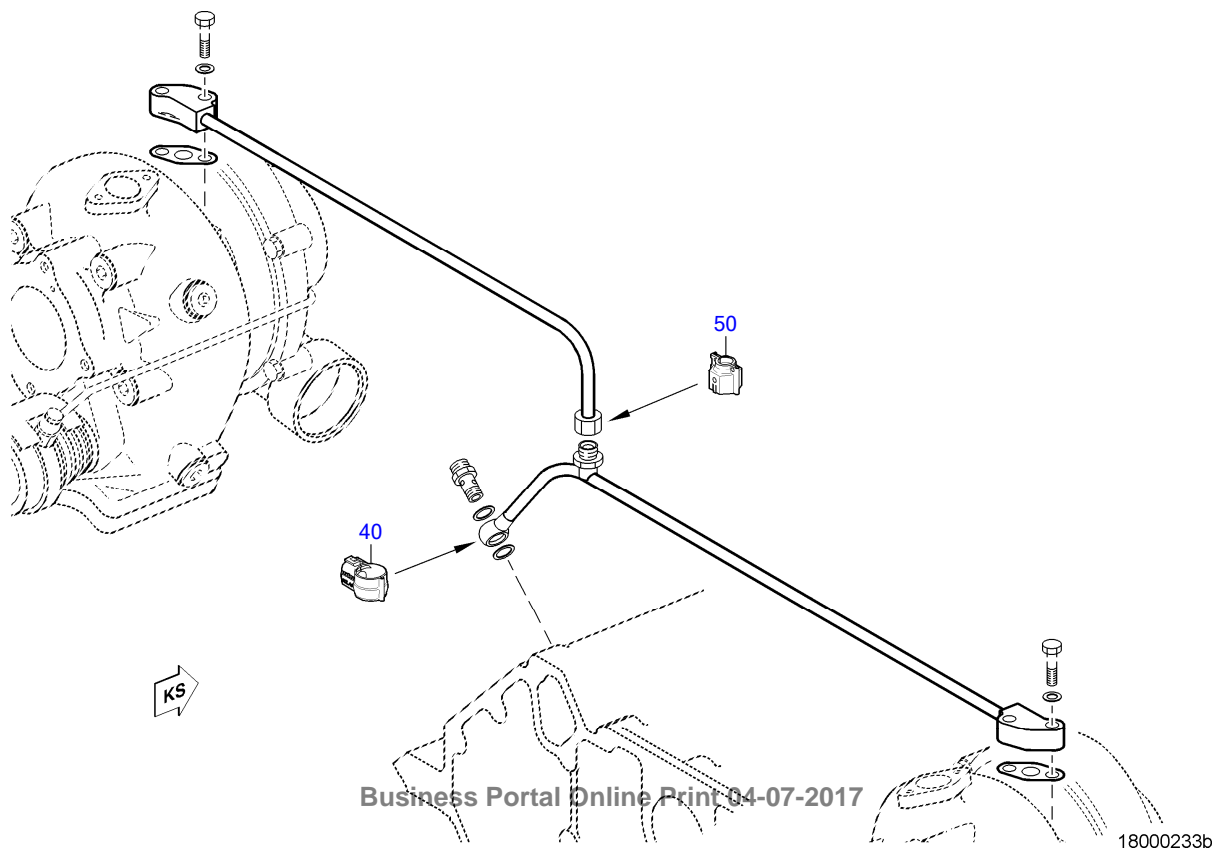
EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
COVER FOR SOLAS

SERIAL NUMBER: 531101840

FG/FGS: 183 05

BOM-No.: X00015601




EQUI TYPE: Engine

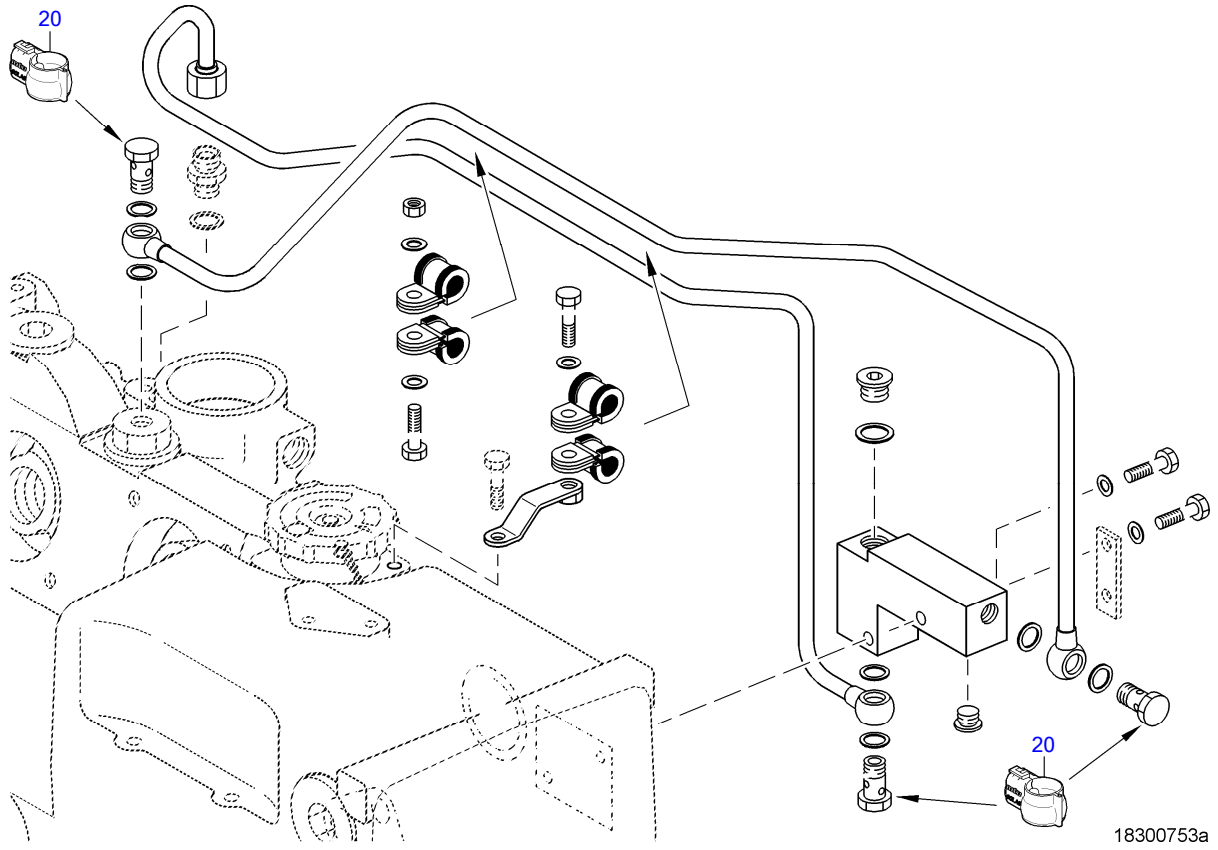
PRODUCT TYPE: 8V2000M41A
COVER FOR SOLAS

SERIAL NUMBER: 531101840

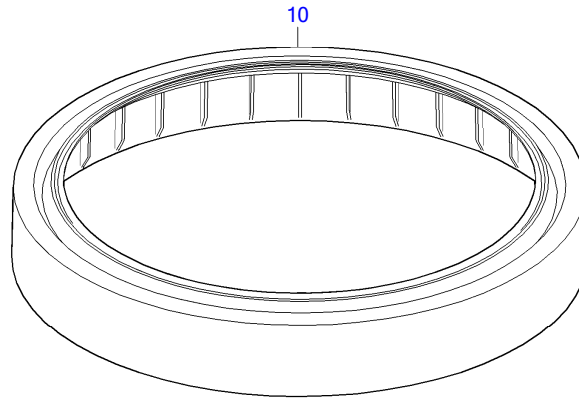
FG/FGS: 183 05

BOM-No.: X00015601


	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	20	735233000102	COVER	1	PC	3.800 g	A 6 - X00004796	MTN5233
	40	735233000401	COVER	1	PC	4.200 g	D 5 - X00006701	MTN5233
	50	735233000101	COVER	1	PC	3.000 g	A 5 - X00004694	MTN5233

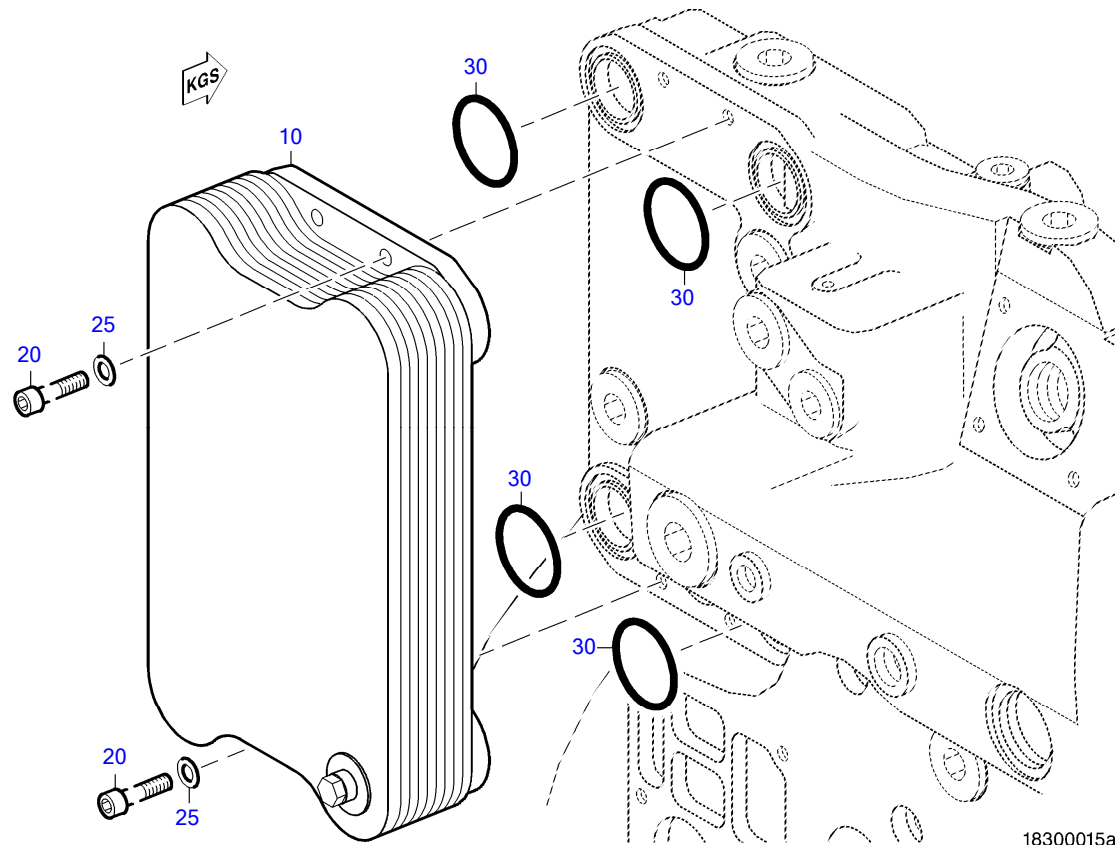


☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	20	735233000200	COVER	3	PC	0.006 kg	B 2 - X00005424	MTN5233



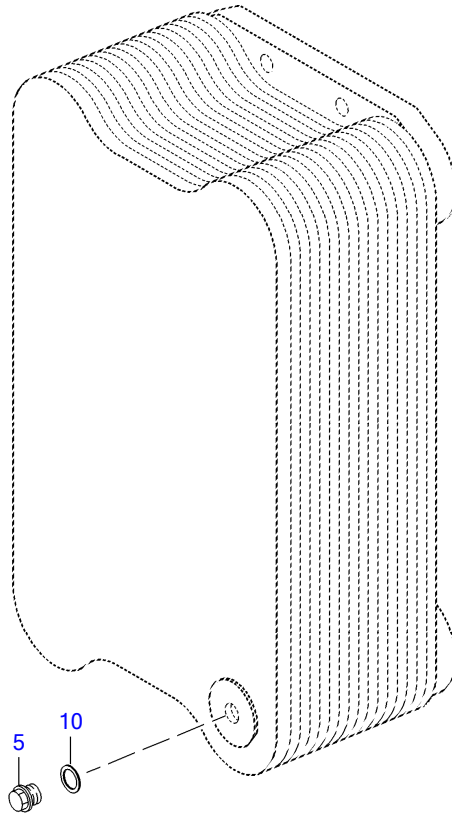
08100176a

	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT
	10	X00009628	COVER FOR SOLAS	BR2000CR	2	PC	13.300 g



18300015a

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	143	10	0021885401	OIL COOLER	8 V 2000	1	PC	20.428 kg	
		20	000912010064	BOLT HEX SOC HD		4	PC	31.600 g	M 10 X 40 DIN912
		25	000125010524	WASHER		4	PC	3.100 g	A 10,5 DIN125
		30	700429050003	O-RING		4	PC	4.600 g	50 X 4 MMN429



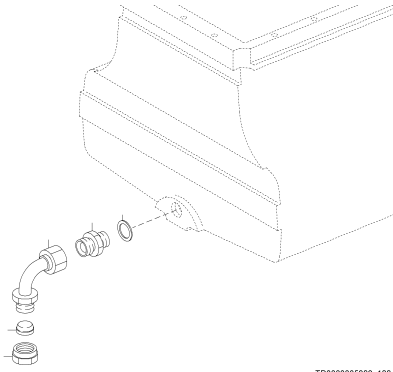
E0005675c2

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	5	007604012102	PLUG	1	PC	0.018 kg	A M 12 X 1,5	DIN7604
	10	007603012111	COPPER SEALING RING	1	PC	0.700 g	A 12 X 15,5	DIN7603

GROUP SEGMENT (FGS)

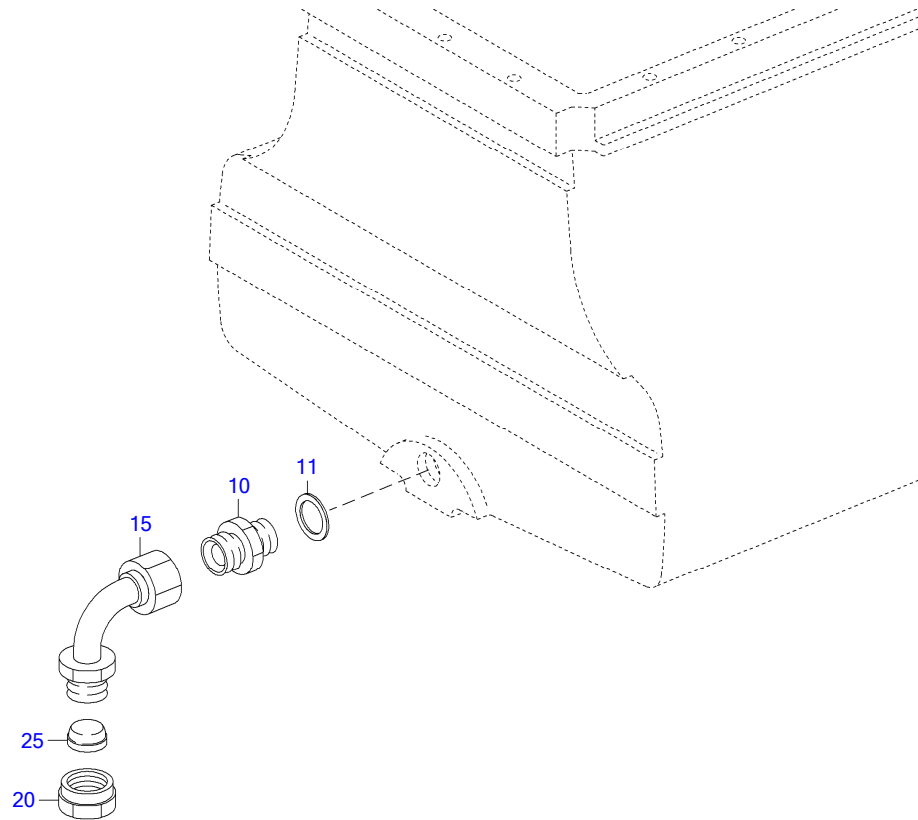
GROUP NAME

BOM-No.



10
LUBE OIL EXTRACTION W/CONNECT HARDWARE
180.00029

TD0000005282_188



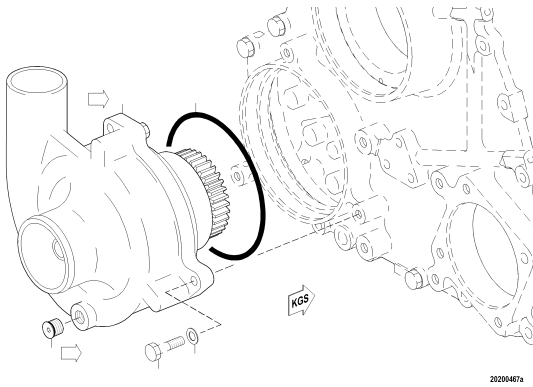
TD0000005282_188

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	915013020002	SCREW NECK	1	PC	66.700 g	20 (M30X1,5/M26X1,5)	N15013
	11	007603026101	WASHER A COP	1	PC	3.700 g	A 26 X 32	DIN7603
	15	700160000020	ELBOW 90 DEG KR 20	1	PC	210.000 g	KR 20	MMN160
	20	915001020003	NUT	1	PC	46.900 g	20 M 30 X 1,5	N15001
	25	915005020001	CONE SEALING	1	PC	15.100 g	22	MBN15005

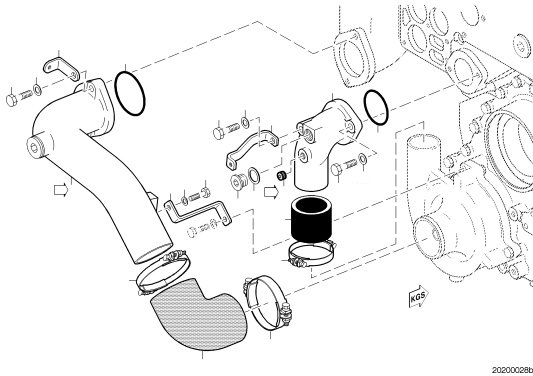
GROUP SEGMENT (FGS)

GROUP NAME

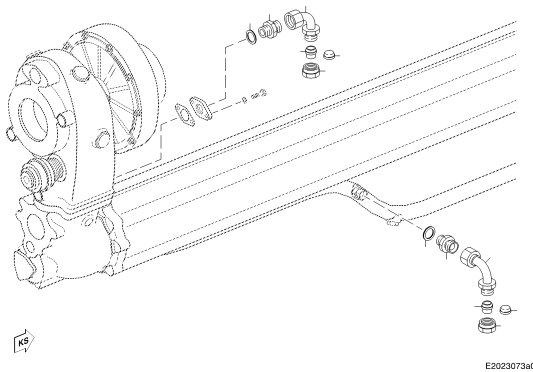
BOM-No.



05
COOLANT PUMP W/O ACCEPT CERTIFIC
200.00110

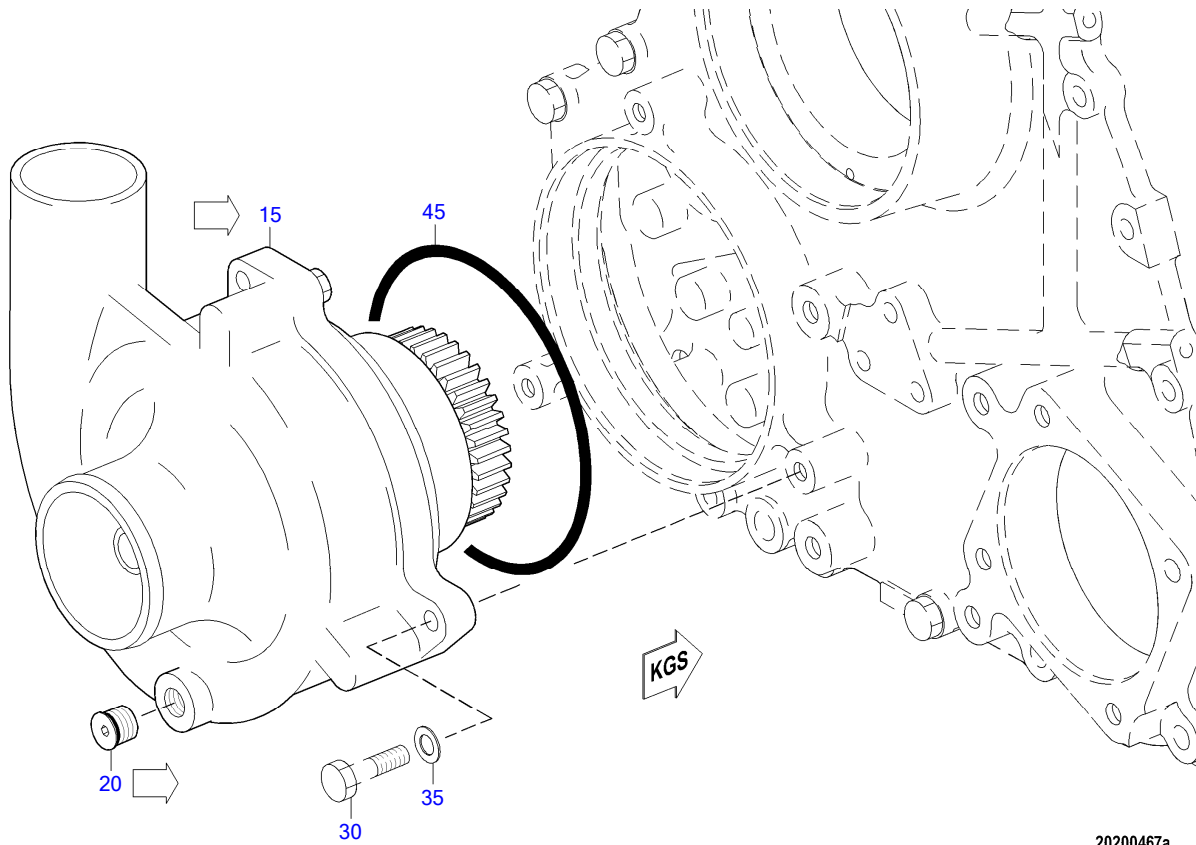


10
COOLANT DUCTING SEQUENTIAL T/CHGNG.
200.00178



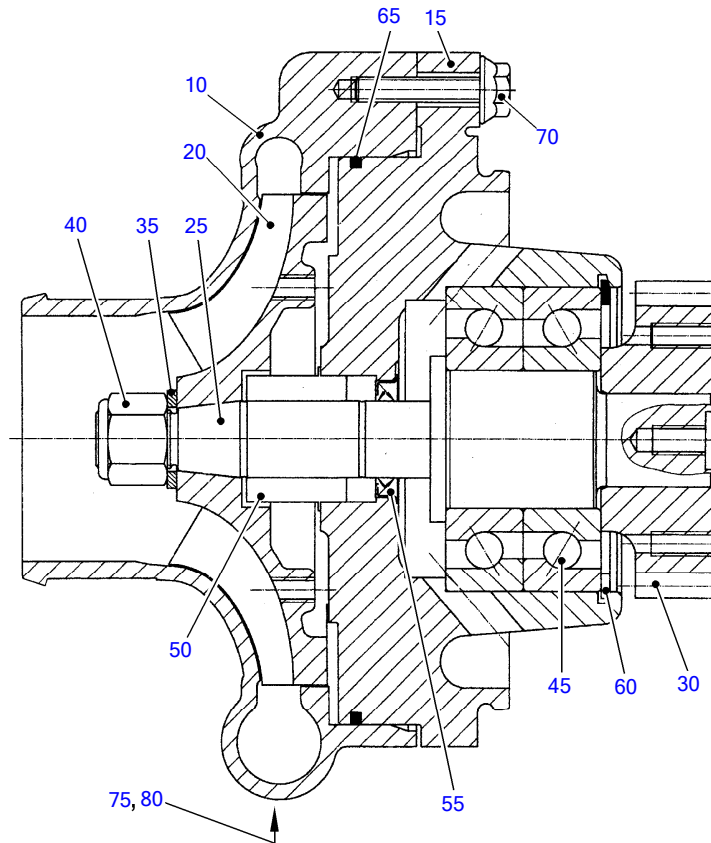
40
CONNECTING HARDWARE
200.00047

40
PREHEATING DEVICE
XS531200.00004



20200467a

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	148	15	5312000301	COOLANT PUMP	8V2000M90	1	PC	21.200 kg	EM	
	109	20	5366190515	PLUG	BR4000	1	PC	0.009 kg	P	
		30	000933010094	HEX SCREW		3	PC	31.500 g	M 10 X 40	DIN933
		35	000125010524	WASHER		3	PC	3.100 g	A 10,5	DIN125
		45	700429168002	O-RING		1	PC	28.000 g	168 X 5,5	MMN429



E0005867a0

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	10	Z=EGE160-DDCGD01	HOUSING		1	PC		AC		
	15	Z=ELG160-DDCGD01	BEARING HOUSING		1	PC				
	20	8692010044	IMPELLER		1	PC	1.700 kg			
	25	8692010045	COOLANT PUMP SHAFT		1	PC	1.255 kg			
	30	8692010046	GEAR		1	PC	1.450 kg			
	35	8692010047	WASHER		1	PC	12.500 g		3,3 X 32 X 21	
	40	8692010048	CLAMPING NUT		1	PC	53.600 g			
	45	8699810043	ANGLR-CONT BALL BRG		2	PC	910.000 g		45 X 100 X 25	
	50	5362010219	ROTARY SEAL	BR2000	1	PC	75.000 g		25 MM INNENDURCHMESSER	
	55	8692010050	SHAFT SEAL		1	PC	200.000 g		25 X 38,2 X 6,3	
	60	XP53120500001	RING	SEEGER-KEILRING	1	PC	0.300 kg			
	65	8692010051	GASKET		1	PC	10.500 g			
	70	Z=IUG 10X40	SCREW		3	PC		AC	M 10 X 40	DIN6912
	75	000908018002	PLUG		1	PC	0.029 kg		M 18 X 1,5	DIN908
	80	007603018101	COPPER SEALING RING		1	PC	1.300 g		A 18 X 22	DIN7603

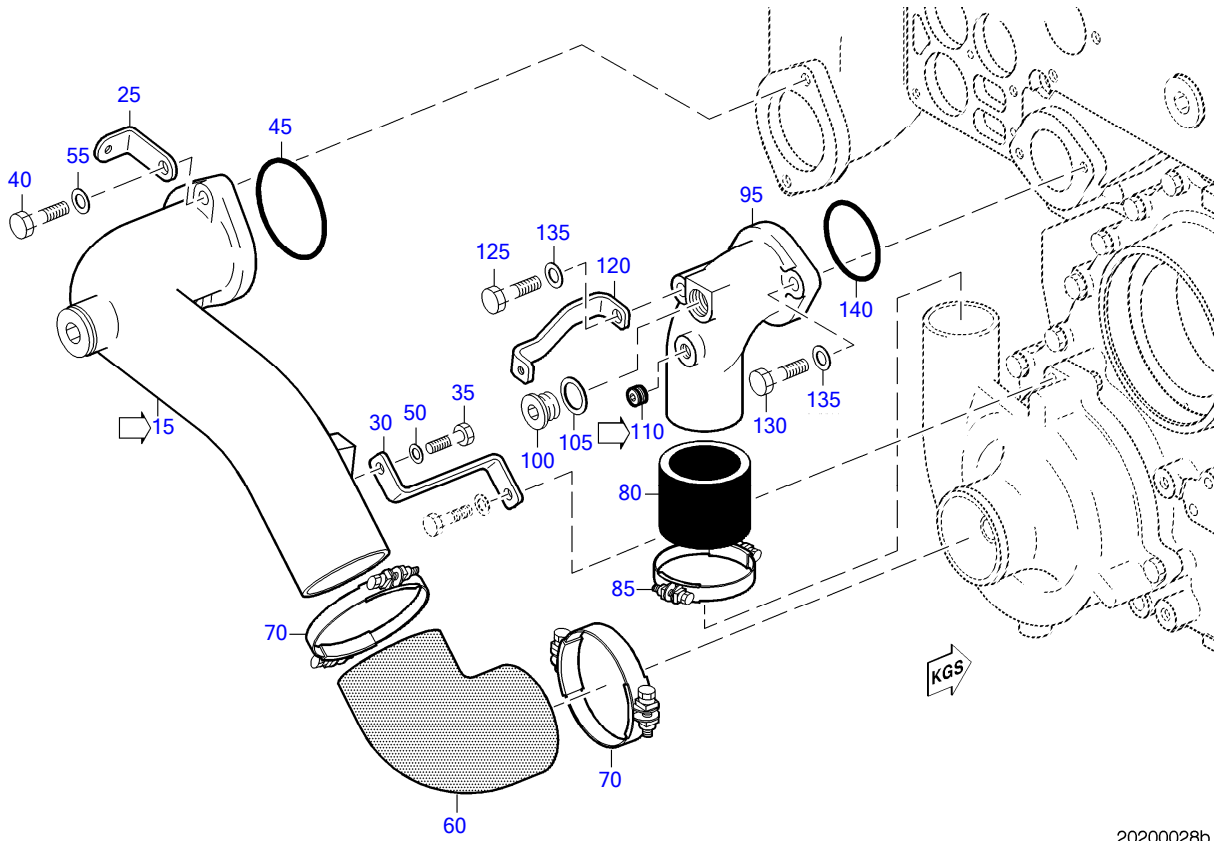
EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
COOLANT DUCTING SEQUENTIAL T/CHGNG.

SERIAL NUMBER: 531101840

FG/FGS: 202 10

BOM-No.: 200.00178



20200028b

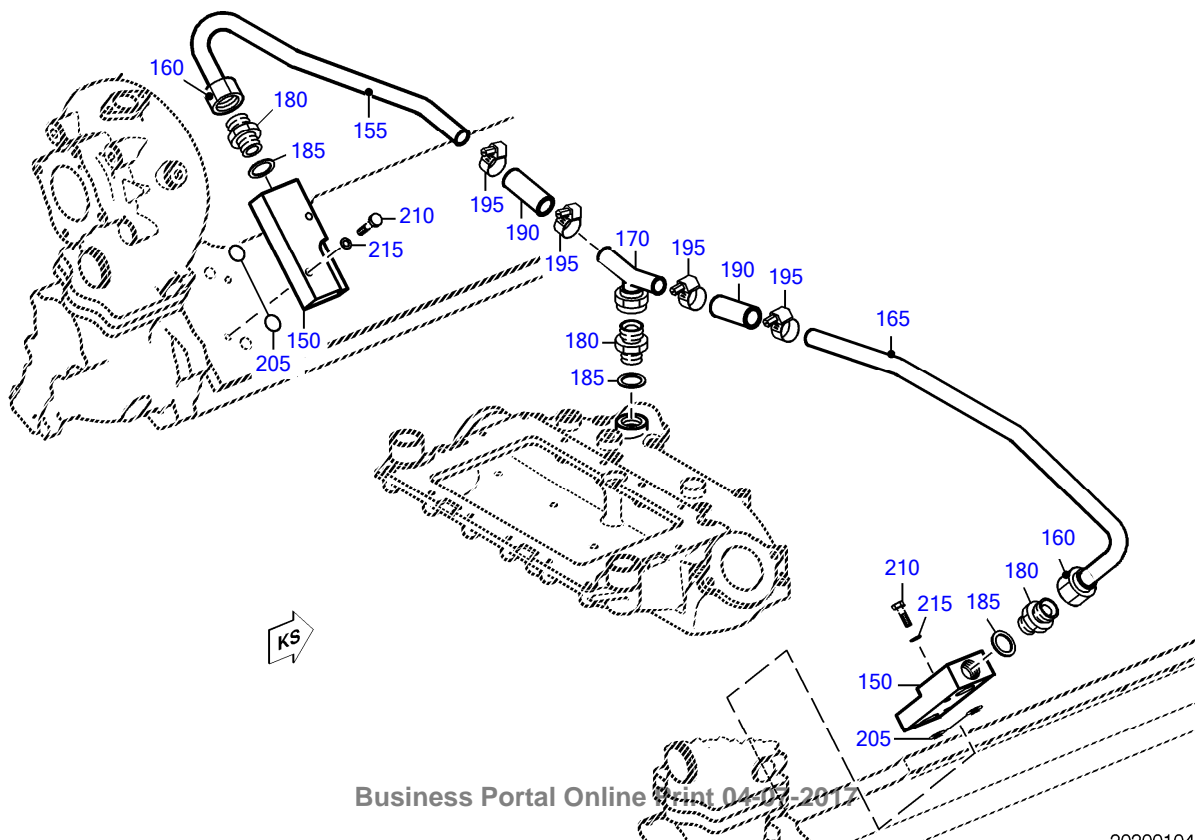
EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
COOLANT DUCTING SEQUENTIAL T/CHGNG.

SERIAL NUMBER: 531101840

FG/FGS: 202 10

BOM-No.: 200.00178



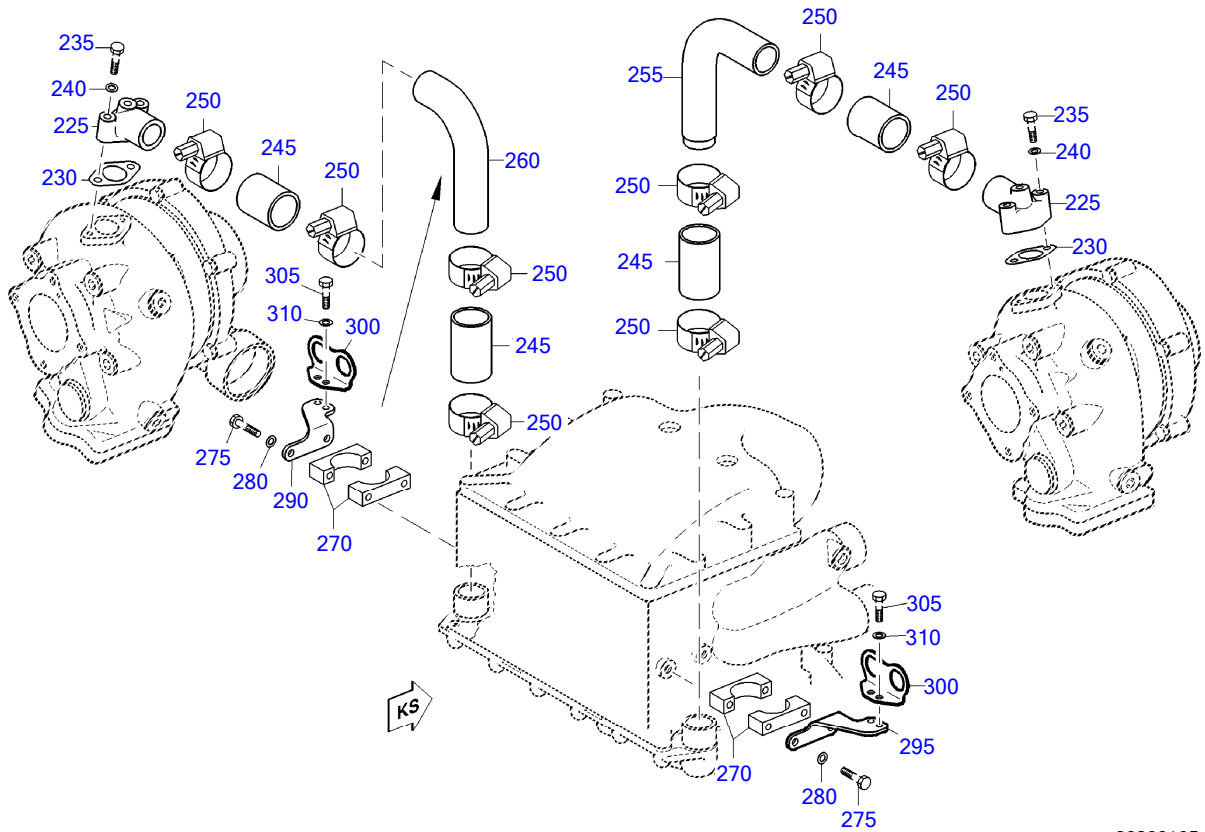
Business Portal Online Print 04/03/2015

20200104a

EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
COOLANT DUCTING SEQUENTIAL T/CHGNG.

SERIAL NUMBER: 531101840
FG/FGS: 202 10
BOM-No.: 200.00178

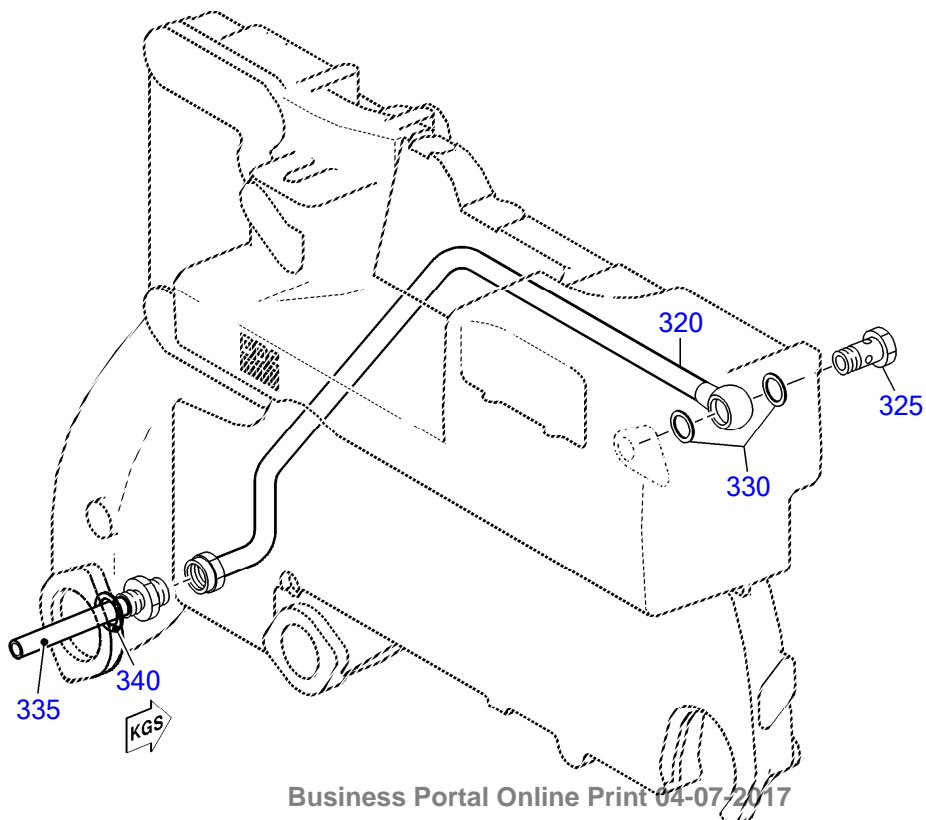


20200105a

EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
COOLANT DUCTING SEQUENTIAL T/CHGNG.

SERIAL NUMBER: 531101840
FG/FGS: 202 10
BOM-No.: 200.00178



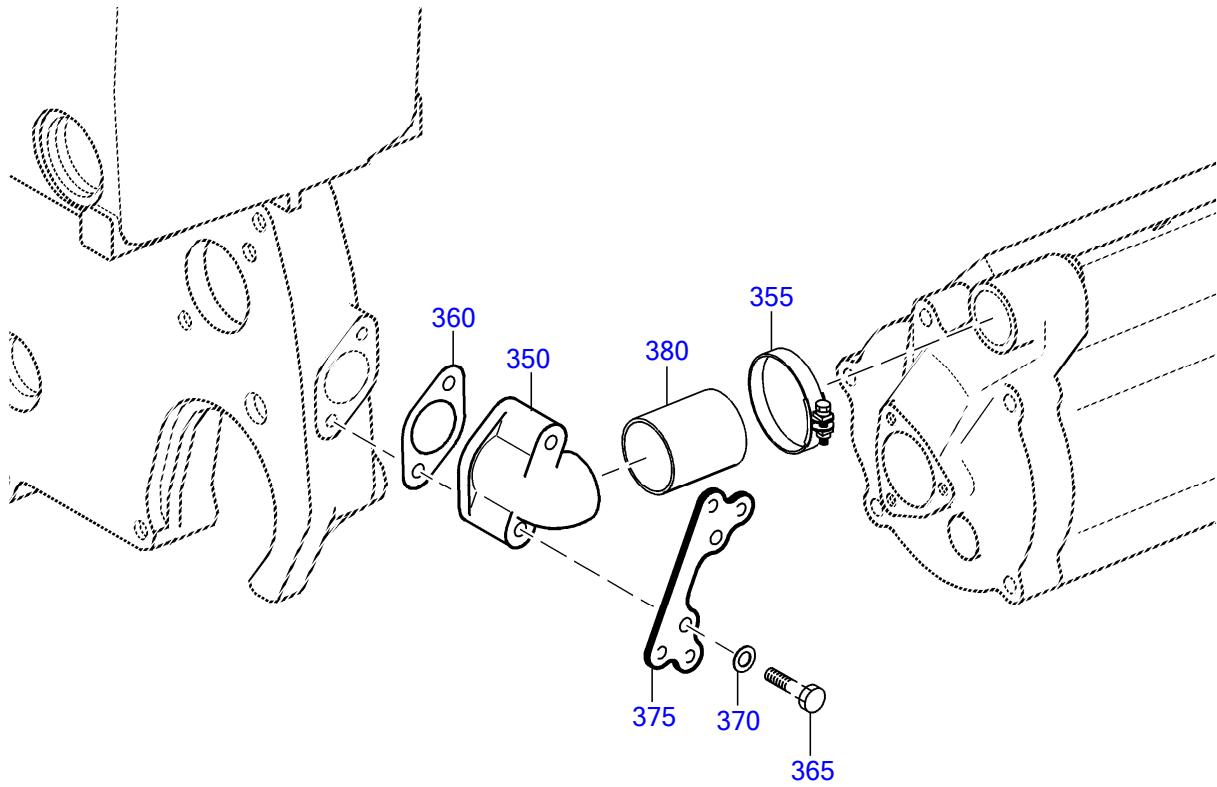
Business Portal Online Print 04-07-2017

20200106a

EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
COOLANT DUCTING SEQUENTIAL T/CHGNG.

SERIAL NUMBER: 531101840
FG/FGS: 202 10
BOM-No.: 200.00178

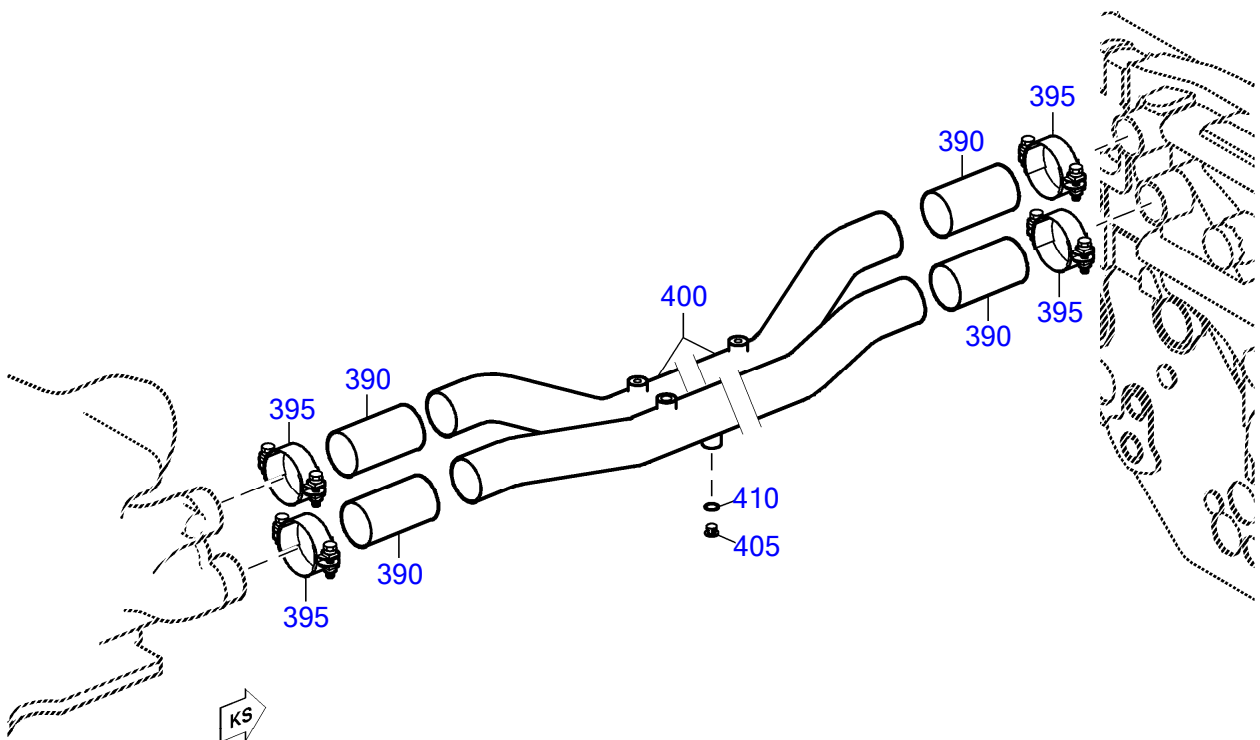


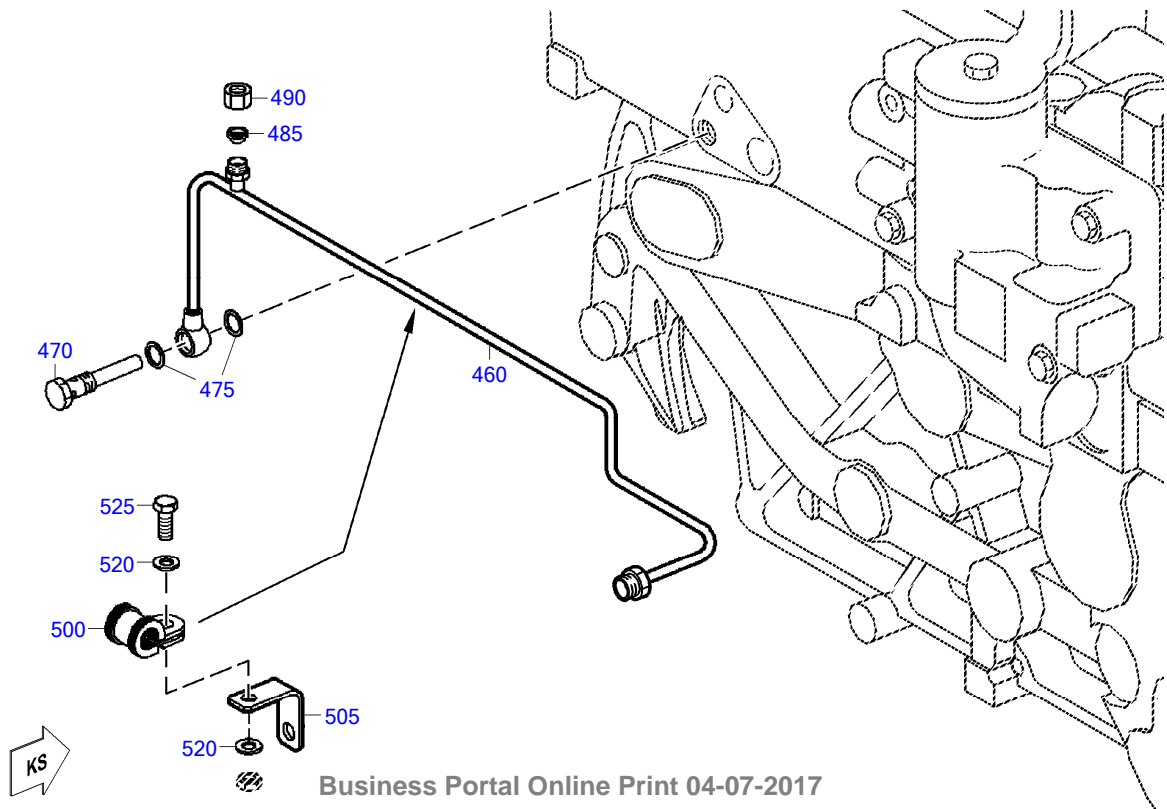
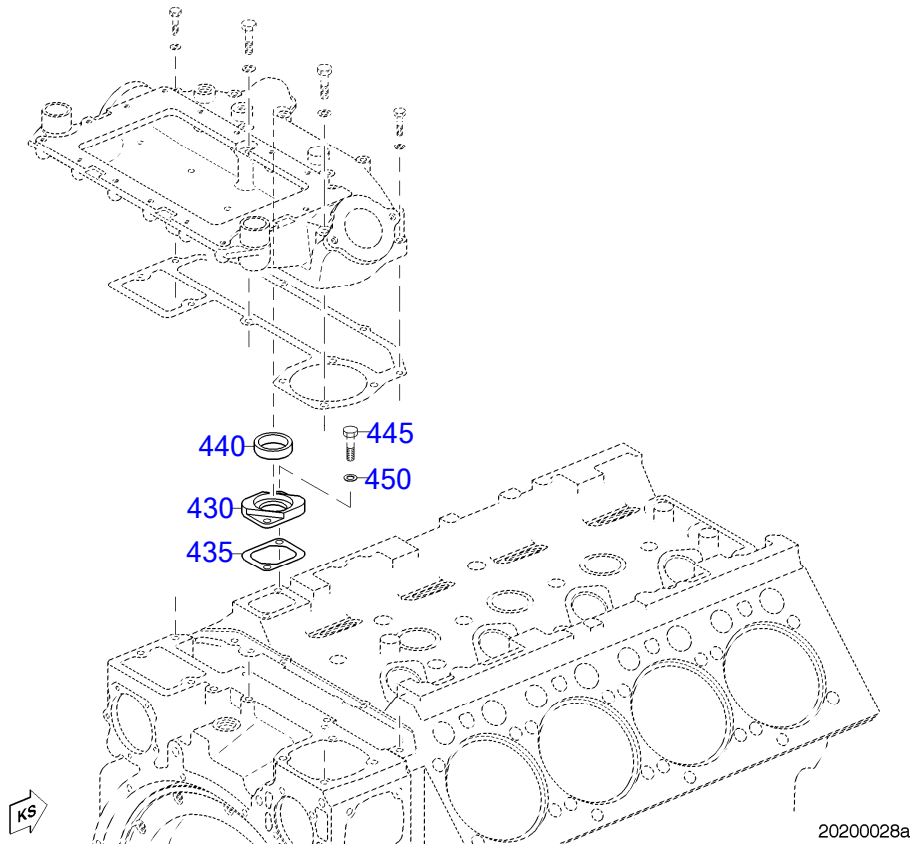
20200107a

EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
COOLANT DUCTING SEQUENTIAL T/CHGNG.

SERIAL NUMBER: 531101840
FG/FGS: 202 10
BOM-No.: 200.00178





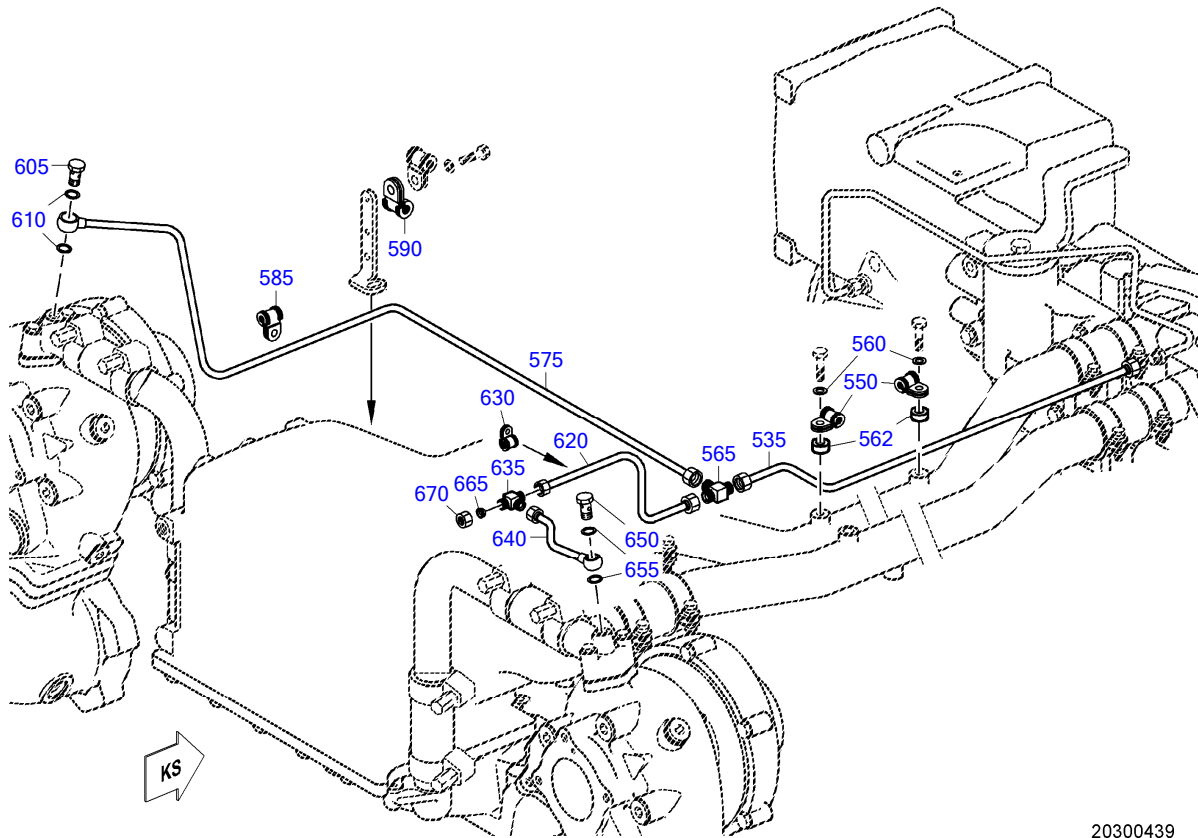
EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
COOLANT DUCTING SEQUENTIAL T/CHNGG.

SERIAL NUMBER: 531101840

FG/FGS: 202 10

BOM-No.: 200.00178



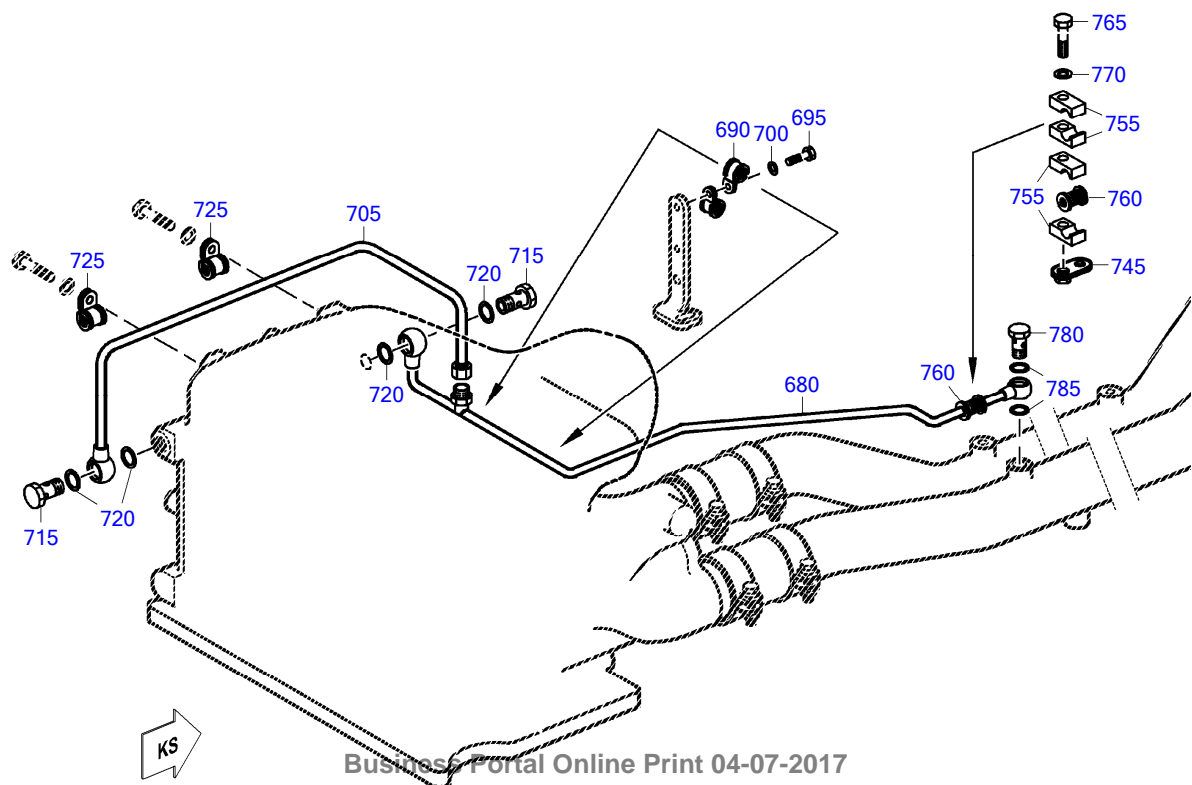
EQUI TYPE: Engine

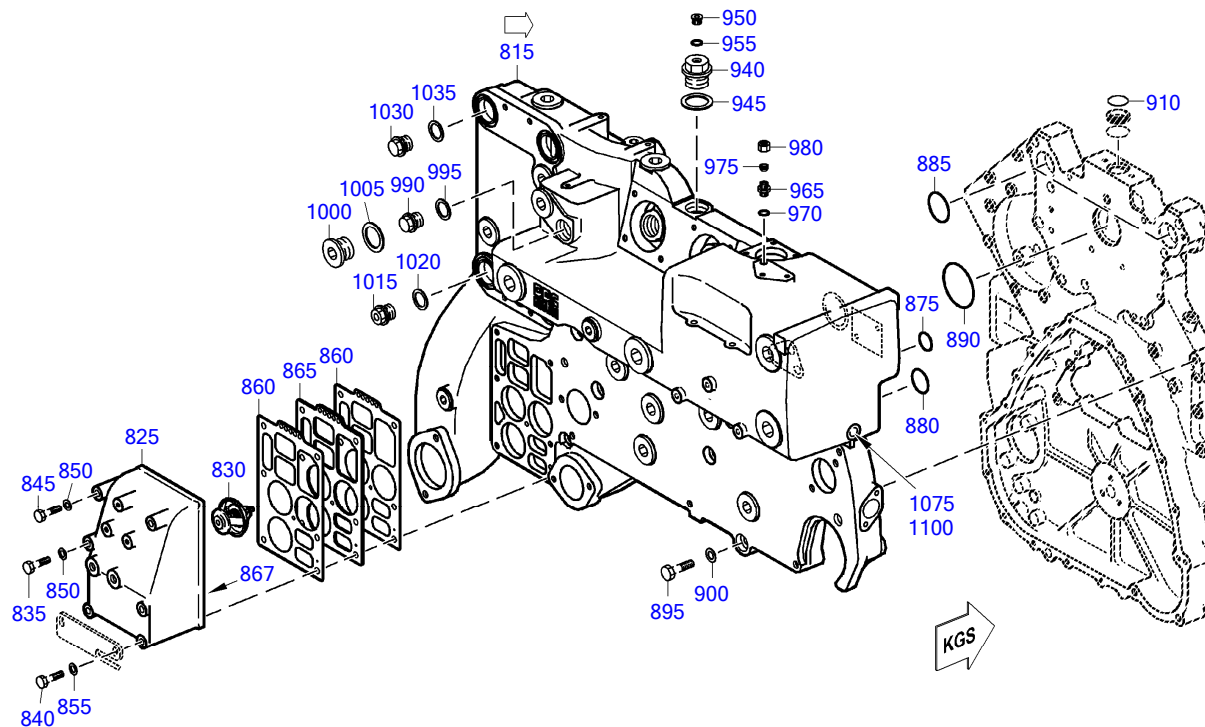
PRODUCT TYPE: 8V2000M41A
COOLANT DUCTING SEQUENTIAL T/CHNGG.

SERIAL NUMBER: 531101840

FG/FGS: 202 10

BOM-No.: 200.00178





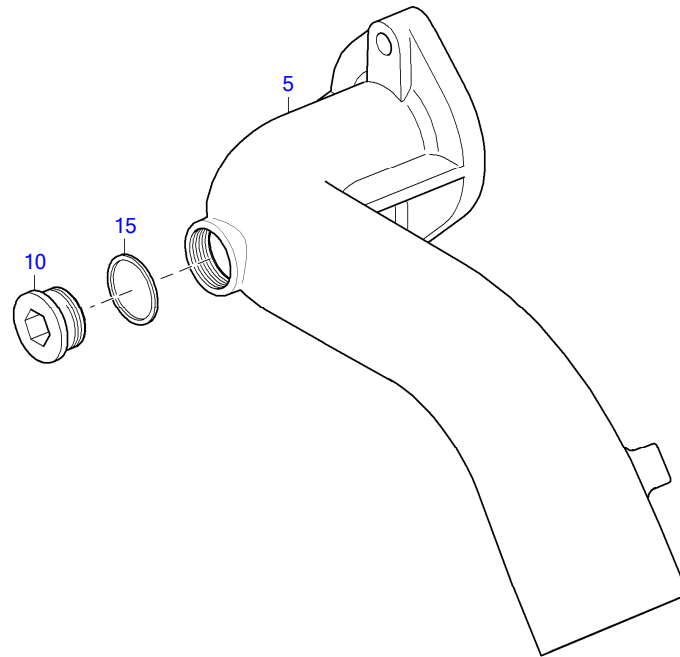
20600489

□	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	15	5312000018	ELBOW		1	PC	2.302 kg			
	25	5315461043	BRACKET L H:52	8V2000M90	1	PC	81.100 g			
	30	5312030137	RETAINER		1	PC	165.000 g			
	35	000933010035	HEX SCREW		1	PC	23.900 g	M 10 X 25		DIN933
	40	000933012051	HEX SCREW		2	PC	53.200 g	M 12 X 50		DIN933
	45	700429090000	O-RING		1	PC	12.600 g	90 X 5		MMN429
	50	000125010524	WASHER		1	PC	3.100 g	A 10,5		DIN125
	55	000125013012	WASHER		2	PC	5.600 g	A 13		DIN125
	60	5312010422	ELBOW RESILIENT	8V2000M90	1	PC	579.800 g			
	70	900288102002	CLAMP		2	PC	222.800 g	S 102/25X1,25 SK 2T		N288A
	80	700368070001	SLEEVE RUBBER A		1	PC	216.300 g	70 X 100		MMN368
	85	900288082005	CLAMP		2	PC	210.000 g	S 82/25X1,25 SK 2T		N288A
	95	5312030622	ELBOW		1	PC	915.000 g			
	100	000908026005	THREAD PLUG		1	PC	0.069 kg	M 26 X 1,5		DIN908
	105	007603026104	COPPER SEALING RING		1	PC	3.100 g	A 26 X 31		DIN7603
109	110	5366190515	PLUG	BR4000	1	PC	0.009 kg	P		
	120	5311530240	RETAINER	8V2000	1	PC	160.000 g			
	125	000931012156	HEX SCREW		1	PC	106.000 g	M 12 X 110		DIN931
	130	000933012077	HEX SCREW		1	PC	42.300 g	M 12 X 35		DIN933
	135	000125013012	WASHER		2	PC	5.600 g	A 13		DIN125
	140	700429070000	O-RING		1	PC	10.300 g	70 X 5		MMN429
	150	5312030208	CONNECTING PIECE	8V2000	2	PC	637.700 g			
	155	5312001051	COOLANT LINE LEFT		1	PC	346.500 g			
	160	915001020003	NUT		2	PC	46.900 g	20 M 30 X 1,5		N15001
	165	5312001151	COOLANT LINE RIGHT	8V2000	1	PC	530.000 g			

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	170	5312001251	COOLANT LINE	8V2000M90	1	PC	172.400 g			
	180	915013020002	SCREW NECK		3	PC	66.700 g		20 (M30X1,5/M26X1,5)	N15013
	185	007603026104	COPPER SEALING RING		3	PC	3.100 g		A 26 X 31	DIN7603
	190	700368022001	SLEEVE RUBBER		2	PC	39.400 g		22 X 70	MMN368
	195	00000000667	CLAMP		4	PC	24.500 g		20- 32X12-SW7-W3	MBN10223
	205	700429021002	O-RING		4	PC	1.200 g		21 X 3	MMN429
	210	304017008087	HEX SCREW		4	PC	21.300 g		M 8 X 50	ISO4017
	215	000125008427	WASHER		4	PC	1.500 g		A 8,4	DIN125
	225	5312030022	ELBOW		2	PC	184.900 g			
	230	271511030000	GASKET		2	PC	3.000 g		30X 53X1,5	DIN71511
	235	304017008086	HEX SCREW		4	PC	19.400 g		M 8 X 45	ISO4017
	240	000125008427	WASHER		4	PC	1.500 g		A 8,4	DIN125
	245	700368042009	SLEEVE RUBBER		4	PC	74.000 g		42 X 60	MMN368
	250	00000000671	CLAMP		8	PC	32.300 g		40- 60X12-SW7-W3	MBN10223
	255	5312031501	COOLANT LINE		1	PC	683.400 g			
	260	5312031601	COOLANT LINE		1	PC	425.900 g			
	270	700325042100	CLAMP HALF TUBE 1/2 D9-42		4	PC	160.000 g		1/2 D 9 - 42	MMN325
	275	304014008029	HEX SCREW		4	PC	31.000 g		M 8 X 70	ISO4014
	280	000125008427	WASHER		4	PC	1.500 g		A 8,4	DIN125
	290	5315460043	RETAINER LEFT	8V2000M90	1	PC	135.000 g			
	295	5315460143	RETAINER RIGHT	8V2000M90	1	PC	158.600 g			
	300	5315460443	BRACKET H:41 S2000/S4000	8V2000M90	2	PC	65.000 g			
	305	304017008076	HEX SCREW		4	PC	9.100 g		M 8 X 12	ISO4017
	310	000125008427	WASHER		4	PC	1.500 g		A 8,4	DIN125
	320	5362002151	LINE COOLANT	12/16V2000M90	1	PC	1.011 kg	SB		
	325	915011020100	BOLT BANJO A 20		1	PC	105.000 g		A 20	N15011
	330	007603026104	COPPER SEALING RING		2	PC	3.100 g		A 26 X 31	DIN7603
	335	5362000029	INJECTOR		1	PC	170.000 g			
	340	007603026104	COPPER SEALING RING		1	PC	3.100 g		A 26 X 31	DIN7603
	350	5362032922	ELBOW		2	PC	216.900 g			
	355	00000000671	CLAMP		4	PC	32.300 g		40- 60X12-SW7-W3	MBN10223
	360	917003036005	GASKET		2	PC	2.600 g		36 X 58 X 1	N17003
	365	000931008173	HEX SCREW		4	PC	28.400 g		M 8 X 65	DIN931
	370	000125008427	WASHER		4	PC	1.500 g		A 8,4	DIN125
	375	5315460343	BRACKET H:53	8V2000M90	2	PC	120.000 g			
	380	700368045010	SLEEVE RUBBER		2	PC	70.000 g		45 X 50	MMN368
	390	700368055009	SLEEVE RUBBER		4	PC	125.200 g		55 X 70	MMN368
	395	00000000672	CLAMP		8	PC	34.200 g		50- 70X12-SW7-W3	MBN10223
	400	5312002351	COOLANT LINE F/INTERCOOLER, RIGH	8V2000M90	1	PC	4.760 kg	SB		
	405	000908012003	THREAD PLUG		2	PC	11.900 g		M 12 X 1,5	DIN908
	410	007603012111	COPPER SEALING RING		2	PC	0.700 g		A 12 X 15,5	DIN7603
	430	5312030539	FLANGE	8V2000	1	PC	279.400 g			
	435	5412010180	GASKET		1	PC	4.500 g			
	440	112C62053/2	SEALING RING		1	PC	24.900 g			
	445	000933010026	HEX SCREW		2	PC	22.300 g		M 10 X 22	DIN933
	450	000125010524	WASHER		2	PC	3.100 g		A 10,5	DIN125
	460	5312003051	RETURN LINE FOR COOLANT	8V2000MARINE	1	PC	190.900 g			
	470	5362000130	UNION		1	PC	38.500 g			
	475	007603012111	COPPER SEALING RING		2	PC	0.700 g		A 12 X 15,5	DIN7603
	485	915005006000	CONE SEALING 8		1	PC	3.100 g		8	MBN15005
	490	915001006003	NUT		1	PC	12.500 g		6 M 14 X 1,5	N15001
	500	916016008202	CLAMP		2	PC	17.900 g		BRSGU 8/20	N16016
	505	8331501573	BRACKET FLAT W/MB NUT H:60		1	PC	18.200 g	SB		
	520	000125008427	WASHER		2	PC	1.500 g		A 8,4	DIN125

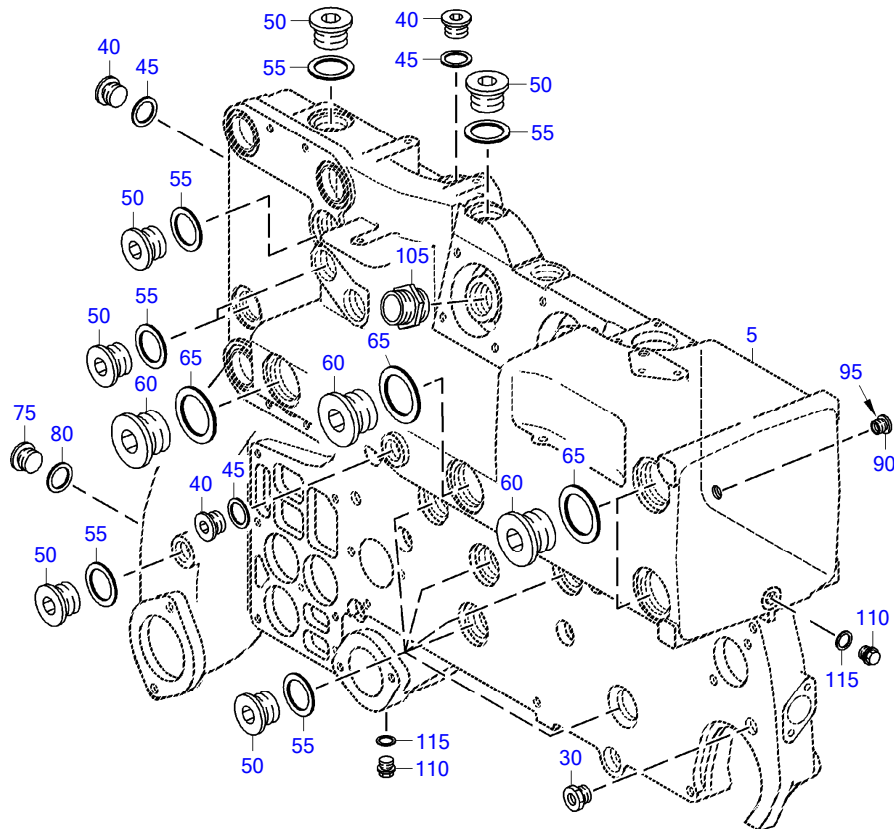
☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	525	304017008077	HEX SCREW		2	PC	10.500 g		M 8 X 16	ISO4017
	535	5312001058	VENT LINE	8V2000	1	PC	152.500 g	SB		
	550	916016008202	CLAMP		2	PC	17.900 g		BRSGU 8/20	N16016
	560	000125008427	WASHER		2	PC	1.500 g		A 8,4	DIN125
	562	5500780453	SPACER SLEEVE		2	PC	13.600 g		9 X 16 X 13	
	565	5569970574	FITTING TEE		1	PC	48.000 g		DN 6 / M14X1,5	
	575	5312001158	VENT LINE	8V2000	1	PC	151.600 g	SB		
	585	916016006202	CLAMP		1	PC	16.400 g		BRSGU 6/20	N16016
	590	916016006201	CLAMP		2	PC	7.700 g		BRSGU 6/15	N16016
	605	700223004000	BOLT BANJO A4		1	PC	29.900 g		A 6	MMN223
	610	007603012111	COPPER SEALING RING		2	PC	0.700 g		A 12 X 15,5	DIN7603
	620	5312001258	VENT LINE	8V2000	1	PC	64.500 g	SB		
	630	916016006202	CLAMP		1	PC	16.400 g		BRSGU 6/20	N16016
	635	5569970174	FITTING TEE		1	PC	35.500 g		DN 4 / M12X1,5	
	640	5312001751	COOLANT LINE	8V2000M90	1	PC	72.400 g	SB		
	650	700223004000	BOLT BANJO A4		1	PC	29.900 g		A 6	MMN223
	655	007603012111	COPPER SEALING RING		2	PC	0.700 g		A 12 X 15,5	DIN7603
	665	915005004000	CONE SEALING 6		1	PC	2.300 g		6	MBN15005
	670	915001004005	NUT 4 M12X1,5 BL.GEOELT		1	PC	16.300 g		4 M 12 X 1,5	N15001
	680	5312001358	VENT LINE	8V2000	1	PC	187.100 g	SB		
	690	916016008200	CLAMP		2	PC	9.400 g		BRSGU 8/15	N16016
	695	000933006175	HEX SCREW		2	PC	5.300 g		M 6 X 16	DIN933
	700	000125006431	WASHER		2	PC	0.800 g		A 6,4	DIN125
	705	5312001458	VENT LINE	8V2000	1	PC	119.300 g	SB		
	715	700223006000	BOLT BANJO A8 S2000/4000		2	PC	38.800 g		A 8	MMN223
	720	007603014102	COPPER SEALING RING		4	PC	1.000 g		A 14 X 18	DIN7603
	725	916016008202	CLAMP		1	PC	17.900 g		BRSGU 8/20	N16016
	745	8331501573	BRACKET FLAT W/MB NUT H:60		1	PC	18.200 g	SB		
	755	700325012100	CLAMP HALF TUBE 1/1 D9-12		4	PC	25.000 g		1/1 D 9 - 12	MMN325
	760	700327008000	GROMMET		2	PC	1.700 g		8	MMN327
	765	304017008087	HEX SCREW		1	PC	21.300 g		M 8 X 50	ISO4017
	770	000125008427	WASHER		1	PC	1.500 g		A 8,4	DIN125
	780	915011006102	BOLT BANJO A 6		1	PC	22.300 g		A 6	N15011
	785	007603012111	COPPER SEALING RING		2	PC	0.700 g		A 12 X 15,5	DIN7603
151	815	5362000916	COOLANT DISTRIB HSG	12/16V2000	1	PC	67.000 kg	P		
	825	5362001016	HOUSING THERMOSTAT	16V2000M90	1	PC	4.100 kg			
	830	0052032875	THERMAL ACTUATOR		3	PC	110.400 g		71 GRAD	
	835	000931010332	HEX SCREW		2	PC	100.000 g		M 10 X150	DIN931
	840	000931010339	HEX SCREW		2	PC	103.200 g		M 10 X160	DIN931
	845	000931010336	HEX SCREW		2	PC	86.000 g		M 10 X130	DIN931
	850	000125010524	WASHER		4	PC	3.100 g		A 10,5	DIN125
	855	007349010002	WASHER		2	PC	11.000 g		10,5	DIN7349
	860	531SK1170	GASKET		2	PC	100.000 g			
	865	5312031039	RESTRICTOR	8V2000M90SERIE	1	PC	591.600 g			
109	867	5366190515	PLUG	BR4000	1	PC	0.009 kg	P		
	875	700429030002	O-RING		2	PC	3.100 g		30 X 4	MMN429
	880	700429040001	O-RING		1	PC	3.700 g		40 X 4	MMN429
	885	700429054000	O-RING		2	PC	5.000 g		54 X 4	MMN429
	890	700429076000	O-RING		1	PC	7.000 g		76 X 4	MMN429
	895	000931012137	HEX SCREW		6	PC	80.400 g		M 12 X 80	DIN931
	900	000125013012	WASHER		6	PC	5.600 g		A 13	DIN125
	910	700429032003	O-RING		1	PC	3.000 g		32 X 4	MMN429
	940	5369970030	PLUG	BR2000	1	PC	0.104 kg			
	945	007603038101	COPPER SEALING RING		1	PC	5.400 g		A 38 X 44	DIN7603

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	950	000908014001	SCREW PLUG		1	PC	0.016 kg		M 14 X 1,5	DIN908
	955	007603014102	COPPER SEALING RING		1	PC	1.000 g		A 14 X 18	DIN7603
	965	915013006002	UNION		1	PC	19.600 g		6	N15013
	970	007603012111	COPPER SEALING RING		1	PC	0.700 g		A 12 X 15,5	DIN7603
	975	915005006000	CONE SEALING 8		1	PC	3.100 g		8	MBN15005
	980	915001006003	NUT		1	PC	12.500 g		6 M 14 X 1,5	N15001
	990	000910026000	PLUG		1	PC	0.121 kg		M 26 X 1,5	DIN910
	995	007603026104	COPPER SEALING RING		1	PC	3.100 g		A 26 X 31	DIN7603
	1000	000908038000	THREAD PLUG		1	PC	0.150 kg		M 38 X 1,5	DIN908
	1005	007603038101	COPPER SEALING RING		1	PC	5.400 g		A 38 X 44	DIN7603
	1015	5369970134	SCREW-IN RESTRICTOR		1	PC	100.000 g			
	1020	007603026104	COPPER SEALING RING		1	PC	3.100 g		A 26 X 31	DIN7603
	1030	5369970034	SCREW-IN RESTRICTOR		1	PC	120.400 g			
	1035	007603026104	COPPER SEALING RING		1	PC	3.100 g		A 26 X 31	DIN7603
	1075	000908016001	THREADED PLUG		1	PC	0.020 kg		M 16 X 1,5	DIN908
	1100	007603016105	COPPER SEALING RING		1	PC	3.000 g		A 16 X 20	DIN7603



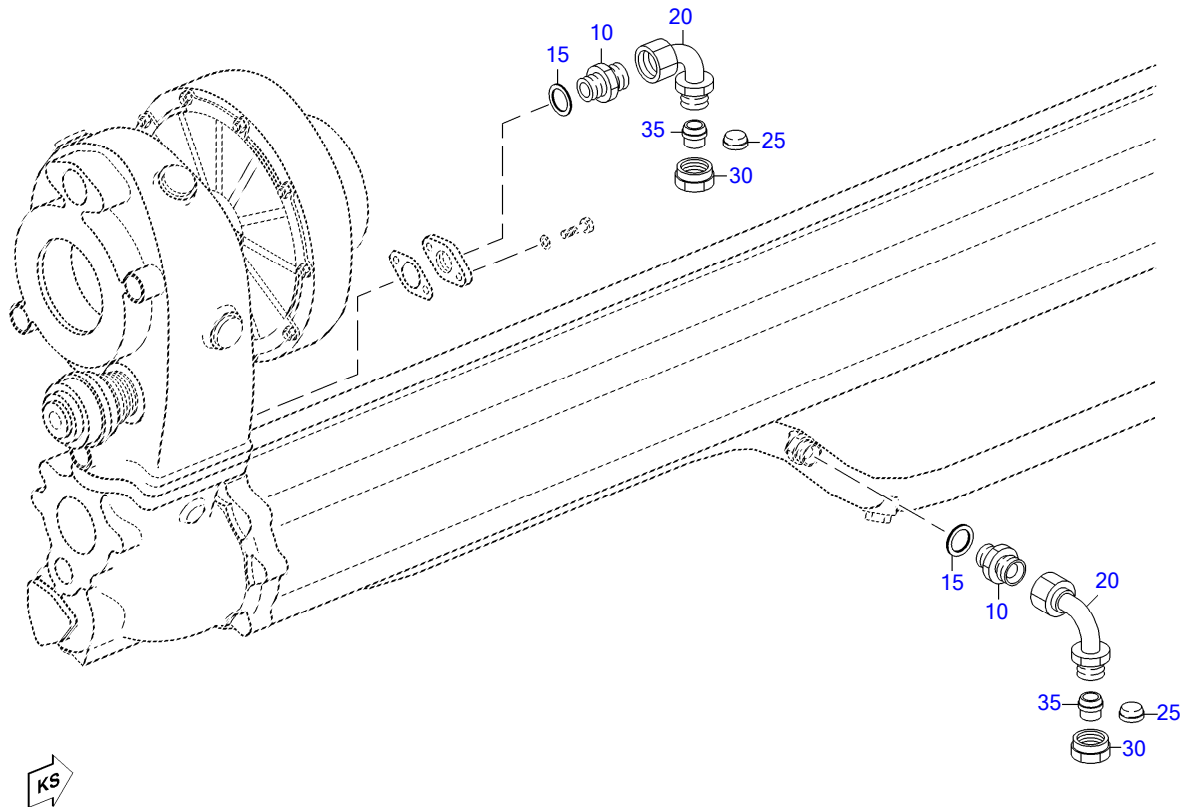
20202477

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	5	5312030722	ELBOW	1	PC	2.430 kg		
	10	735072036000	PLUG	1	PC	46.200 g	M 36 X 2	MTN5072
	15	007603036101	WASHER A COP	1	PC	5.200 g	A 36 X 42	DIN7603



20600573

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	5	5362031373	HSG COOLANT DISTRIBUTION	12/16V2000	1	PC			
	30	5369970215	BUSHING THREAD	BR2000M	2	PC	42.300 g		
	40	000908026005	THREAD PLUG		4	PC	0.069 kg	M 26 X 1,5	DIN908
	45	007603026104	COPPER SEALING RING		4	PC	3.100 g	A 26 X 31	DIN7603
	50	000908038000	THREAD PLUG		24	PC	0.150 kg	M 38 X 1,5	DIN908
	55	007603038101	COPPER SEALING RING		24	PC	5.400 g	A 38 X 44	DIN7603
	60	000908052003	THREAD PLUG		5	PC	0.298 kg	M 52 X 1,5	DIN908
	65	007603052101	COPPER SEALING RING		5	PC	12.500 g	A 52 X 60	DIN7603
	75	000908026005	THREAD PLUG		2	PC	0.069 kg	M 26 X 1,5	DIN908
	80	007603026104	COPPER SEALING RING		2	PC	3.100 g	A 26 X 31	DIN7603
	90	8339970116	BUSHING THREADED		1	PC	12.100 g	M16X1,5/M12X1,5	
	95	40033	SEALANT PIPE THREAD LOCTITE 586		1	PC	80.000 g	1 KAR = 12 ST À 50 ML	MMN377B
	105	0009973675	ADAPTER OIL FLTR DUAL NIPPLE S2000+S4000		2	PC	148.200 g		
	110	000910016003	PLUG		2	PC	0.035 kg	M 16 X 1,5	DIN910
	115	007603016105	COPPER SEALING RING		2	PC	3.000 g	A 16 X 20	DIN7603



E2023073a0

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	915013020002	SCREW NECK	1	PC	66.700 g	20 (M30X1,5/M26X1,5)	N15013
	15	007603026104	COPPER SEALING RING	1	PC	3.100 g	A 26 X 31	DIN7603
	20	700160000020	ELBOW 90 DEG KR 20	1	PC	210.000 g	KR 20	MMN160
	25	915005020001	CONE SEALING	1	PC	15.100 g	22	MBN15005
	30	915001020003	NUT	1	PC	46.900 g	20 M 30 X 1,5	N15001
	35	915003020202	BALL-TYPE UNION	1	PC	12.800 g	B2 -22	MBN15003

EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
PREHEATING DEVICE

SERIAL NUMBER: 531101840

FG/FGS: 202 40

BOM-No.: XS531200.00004

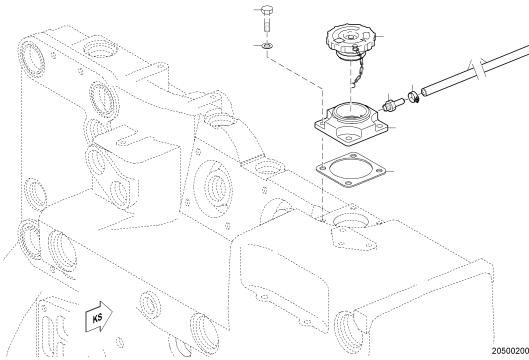
☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	40	0012037596/87	PREHEATING UNIT	3KW, 230V/50HZ	1	PC	11.000 kg		
	60	8462040031	ARRANGEMENT VALVE CAP		1	PC	500.700 g	GEW.TIEFE CA.10/11MM ENTG.ZEI.	
	70	700419999002	UNION 20G 1 A		2	PC	128.300 g	22 G 1 A	MMN419
	80	007603033100	WASHER A33X39 COP METALLIC		2	PC	4.600 g	A 33 X 39	DIN7603
	90	915003020202	BALL-TYPE UNION		2	PC	12.800 g	B2 -22	MBN15003
	100	915001020003	NUT		2	PC	46.900 g	20 M 30 X 1,5	N15001

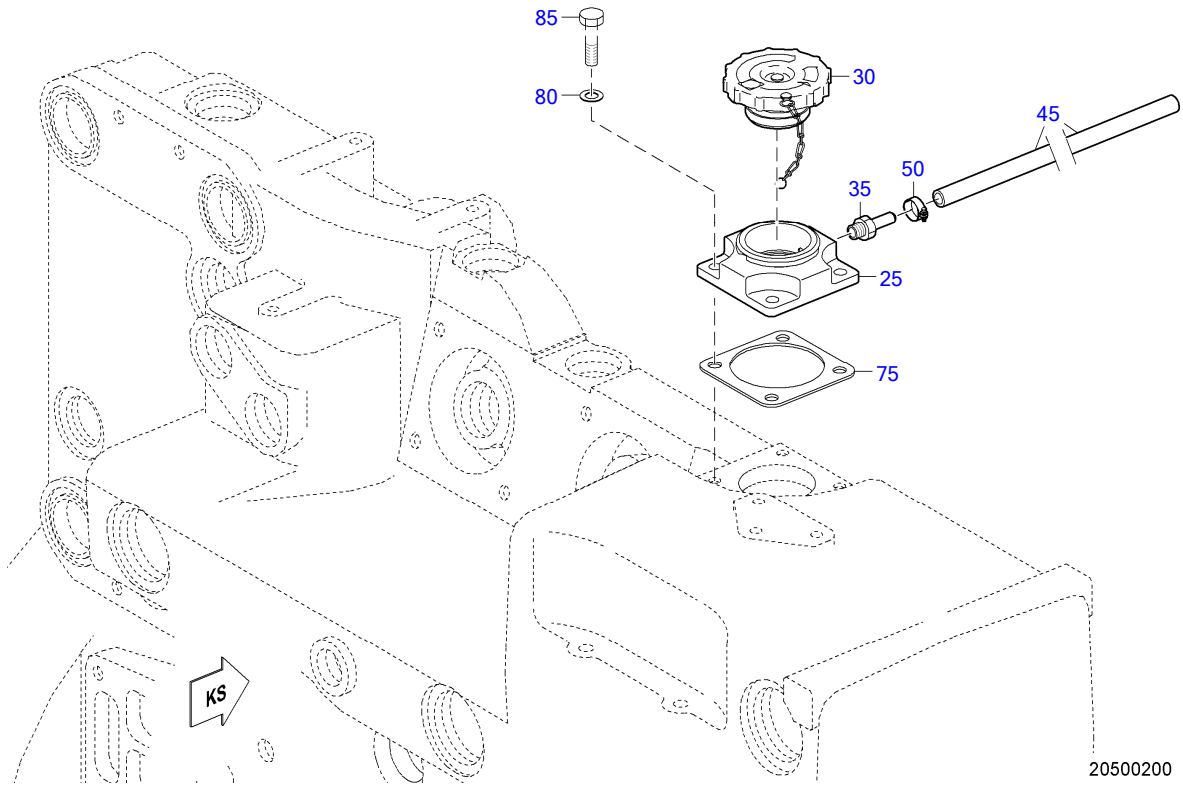
GROUP SEGMENT (FGS)

GROUP NAME

BOM-No.

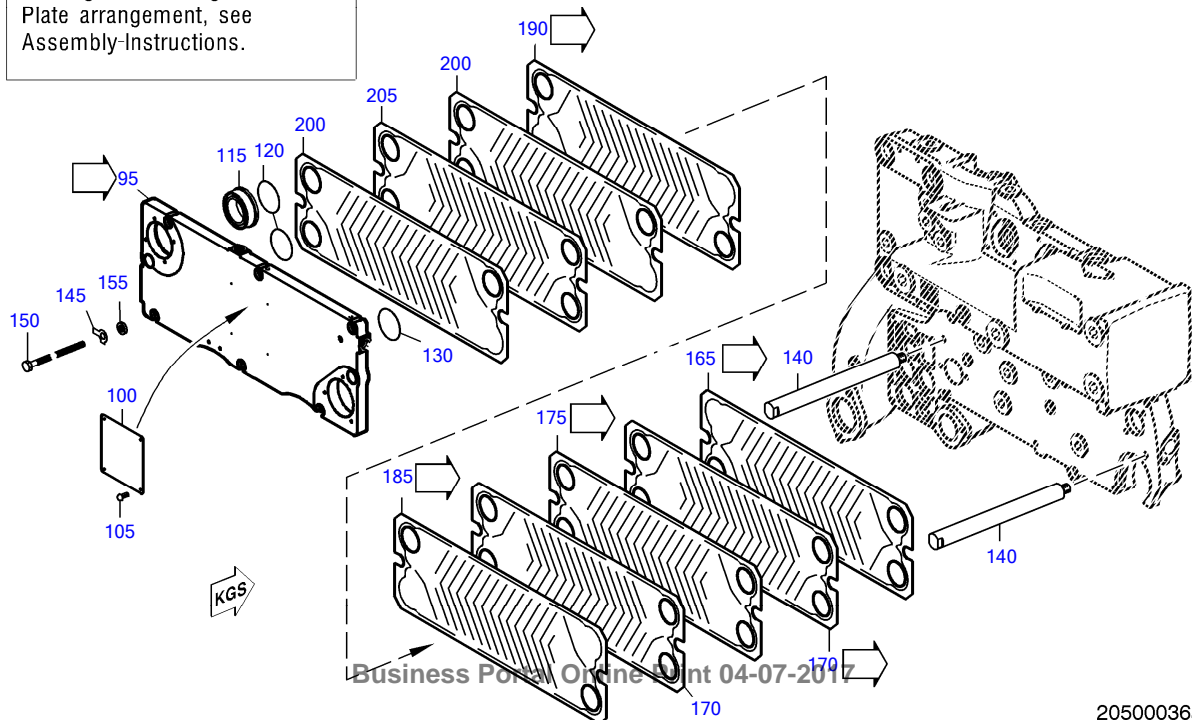
05
PLATE-CORE HEAT EXCH
200.00490

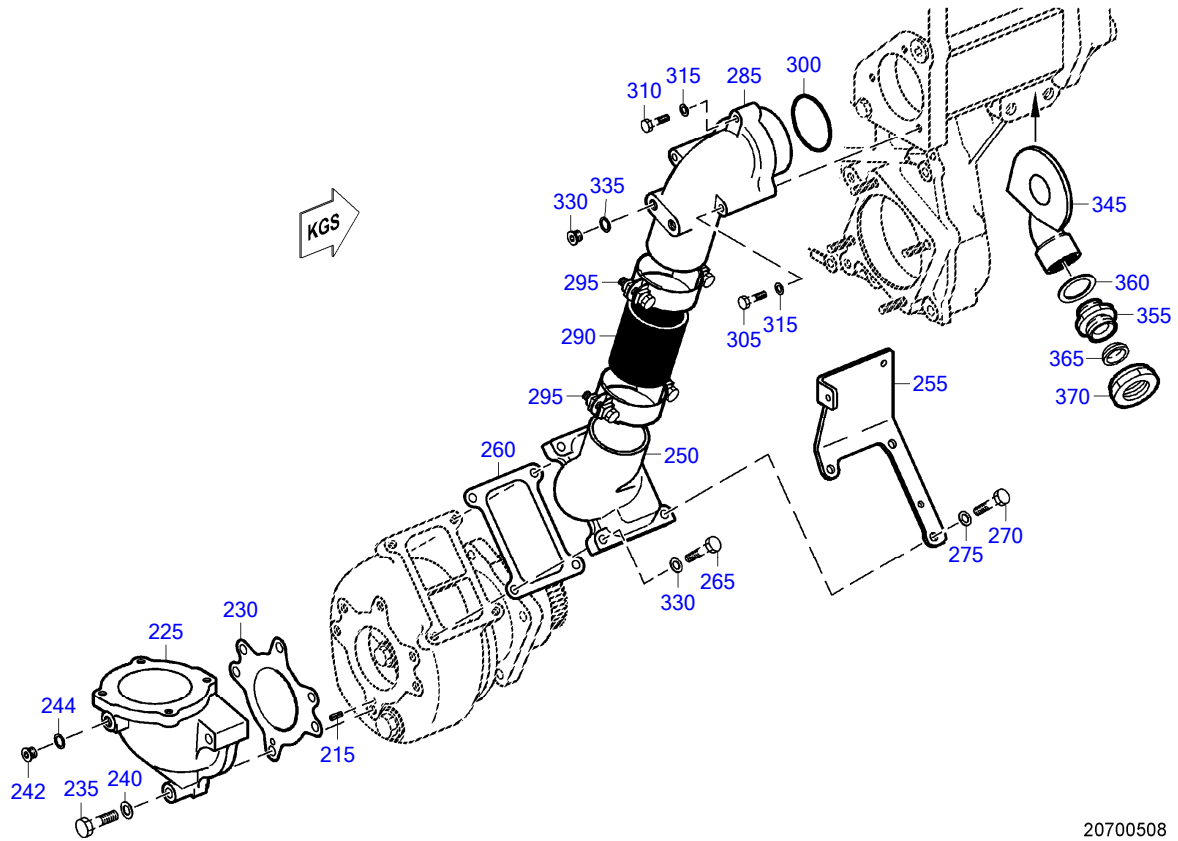




ACHTUNG/ATTENTION

Anordnung der Platten, siehe Montage-Anweisung.
 Plate arrangement, see Assembly-Instructions.

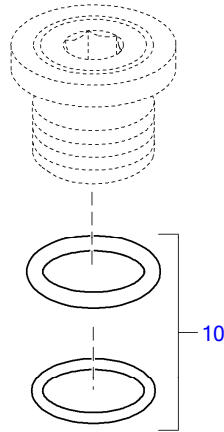




20700508

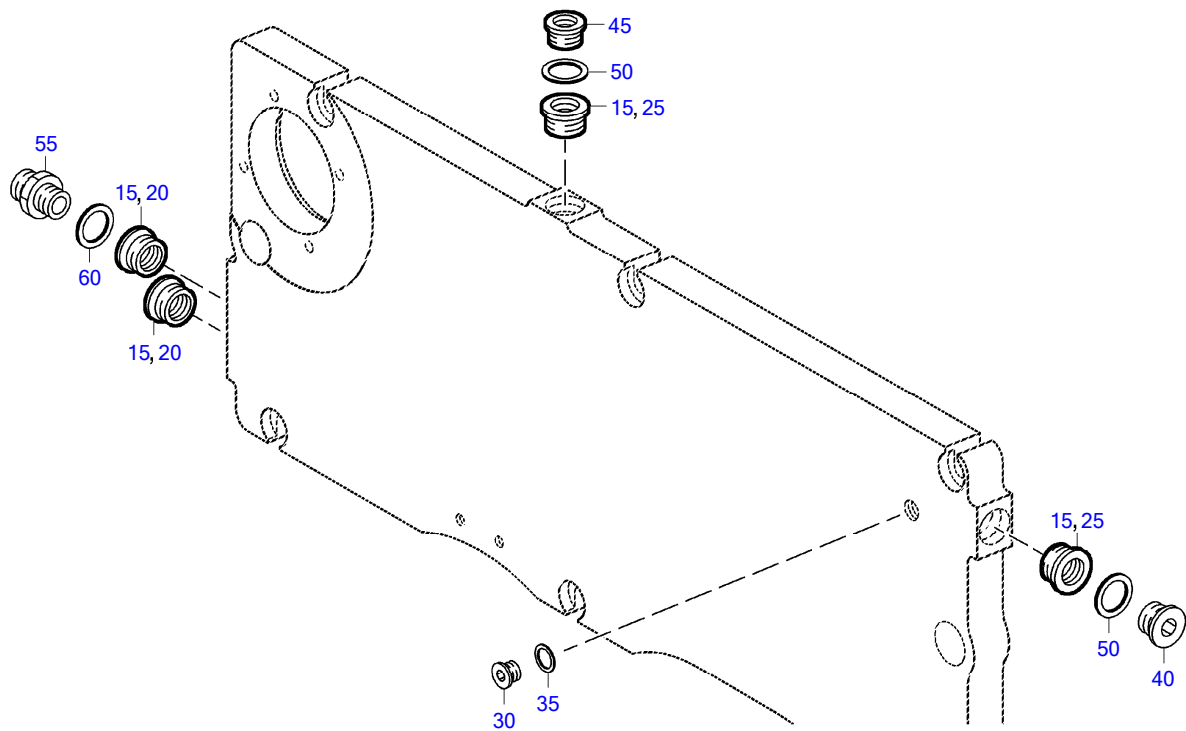
☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	25	X53620300042	FILLER NECK FOR COOLANT		1	PC	0.289 kg		
	30	06410640	CAP RADIATOR PRESS 15 LB AC RC33 W/NECK		1	PC	70.000 g		
	45	23530788	HOSE		1	PC	85.000 g	8MMX850MM LG	
	50	900288012000	CLAMP		1	PC	7.300 g	S 12/ 9X0,4 SKZ	N288A
	75	5052030580	GASKET		1	PC	3.900 g		
	80	000125008427	WASHER		4	PC	1.500 g	A 8,4	DIN125
	85	000933008114	HEX SCREW		4	PC	12.300 g	M 8 X 22	DIN933
157	95	5312000174	COVER PLATE FOR HEAT EXCHANGER		1	PC	15.400 kg		
	100	X53100400004	LABEL FOR HEAT EXCHANGER		1	PC	0.059 kg		
	105	201476002000	PIN GROOVED		4	PC	0.300 g	A 2,5X 5	ISO8746
	115	X53699100089	BUSHING FOR HEAT EXCHANGER		1	PC	0.116 kg		
	120	700429075001	O-RING		1	PC	10.600 g	75 X 5	MMN429
	130	700429075001	O-RING		2	PC	10.600 g	75 X 5	MMN429
	140	5312030062	PIN THREAD		2	PC	940.000 g	L = 205MM	
	145	5369940025	WASHER TAB	16V2000	6	PC	8.200 g		
	150	200933012014	HEX SCREW		6	PC	190.000 g	M 12 X240	DIN933
	155	735151012200	SPACER		6	PC	40.100 g	B 12,5	MTN5151
160	165	X00004917	PLATE COOLER FIRST PLATE	BR2000MARINE	1	PC	422.900 g	750X250X5	
158	170	X00004606	PLATE COOLER A	BR2000MARINE	16	PC	404.600 g	750X250X5	
159	175	X00004610	PLATE COOLER B	BR2000MARINE	16	PC	405.100 g	750X250X5	
161	185	X00004954	PLATE INTERMEDIATE	BR2000MARINE	1	PC	412.100 g	750X250X5	
162	190	X00004966	PLATE INTERMEDIATE	BR2000MARINE	1	PC	436.800 g	750X250X5	
158	200	X00004606	PLATE COOLER A	BR2000MARINE	1	PC	404.600 g	750X250X5	
159	205	X00004610	PLATE COOLER B	BR2000MARINE	1	PC	405.100 g	750X250X5	
	215	001481006002	PIN SPRING CUZN37		1	PC	2.300 g	6 X 16 - N	ISO8752

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	225	5312030922	ELBOW		1	PC	4.747 kg		
	230	5312030180	GASKET		1	PC	28.000 g		
	235	000933012040	HEX SCREW		3	PC	70.400 g	M 12 X 75	DIN933
	240	000125013012	WASHER		3	PC	5.600 g	A 13	DIN125
	242	000908014002	PLUG		1	PC	0.015 kg	M 14 X 1,5	DIN908
	244	007603014102	COPPER SEALING RING		1	PC	1.000 g	A 14 X 18	DIN7603
	250	5312030522	ELBOW FOR SEAWATER PUMP		1	PC	4.006 kg		
	255	5311550527	BRACKET	8V2000	1	PC	970.800 g		
	260	5062031080	GASKET		1	PC	10.840 g		
	265	000933010094	HEX SCREW		1	PC	31.500 g	M 10 X 40	DIN933
	270	000933010095	HEX SCREW		3	PC	36.100 g	M 10 X 50	DIN933
	275	000125010524	WASHER		4	PC	3.100 g	A 10,5	DIN125
	285	5312030422	ELBOW	8V2000	1	PC	4.167 kg		
	290	700368080004	SLEEVE RUBBER		1	PC	331.400 g	80 X 140	MMN368
	295	900288092004	CLAMP		2	PC	220.000 g	S 92/25X1,25 SK 2T	N288A
	300	700429075001	O-RING		1	PC	10.600 g	75 X 5	MMN429
	305	000931008216	HEX SCREW		2	PC	42.000 g	M 8 X100	DIN931
	310	304017008087	HEX SCREW		1	PC	21.300 g	M 8 X 50	ISO4017
	315	000125008427	WASHER		3	PC	1.500 g	A 8,4	DIN125
156	330	5249970032	PLUG WITH O-RING	BR2000/4000	2	PC	0.015 kg	M14X1,5	
	335	735221011000	O-RING		2	PC	0.300 g	11,3 X 2,2 - M14X1,5	MTN5221
	345	5312030036	CONNECTING PIECE		1	PC	1.434 kg		
	355	915013032003	UNION		1	PC	140.000 g	32	N15013
	360	007603038101	COPPER SEALING RING		1	PC	5.400 g	A 38 X 44	DIN7603
	365	735189035001	SEALING CONE		1	PC	37.700 g	35	MTN5189
	370	915001032003	NUT		1	PC	122.400 g	32 M 45 X 1,5	N15001



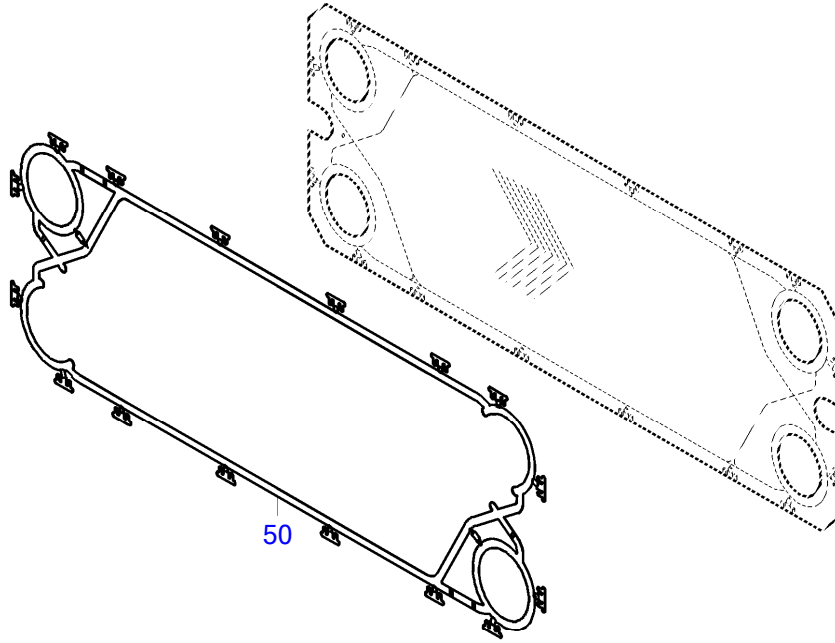
20700782

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



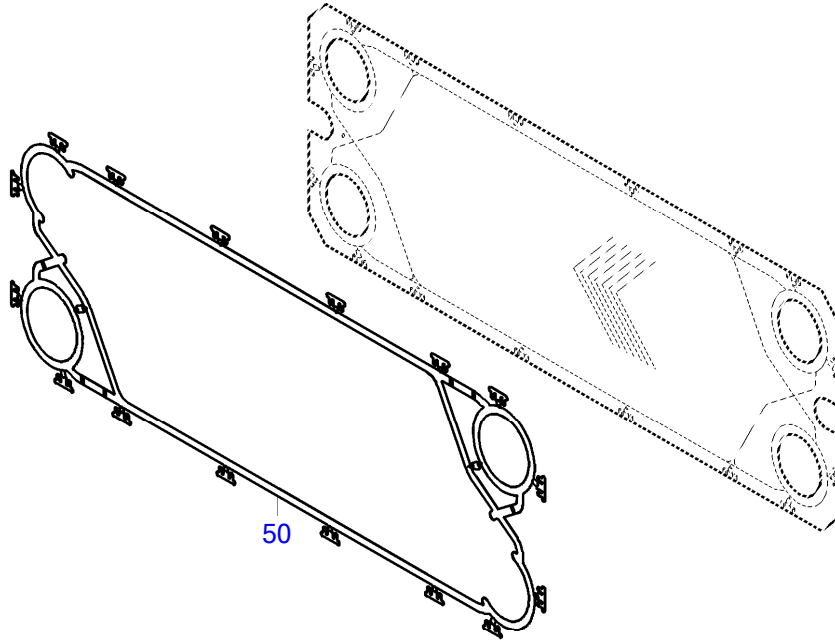
20500243

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	15	40083	SCREW LOCKING DEVICE LOCTITE 270		1	PC	80.400 g	1 KAR = 12 ST À 50 ML	MMN377A
	20	5319970016	THREADED BUSHING	8V2000	2	PC	32.700 g	M18X1,5/M26X1,5	
	25	8809971316	THREADED BUSHING		2	PC	19.100 g	M26X1,5/M22X1,5	
	30	000908014001	SCREW PLUG		1	PC	0.016 kg	M 14 X 1,5	DIN908
	35	007603014102	COPPER SEALING RING		1	PC	1.000 g	A 14 X 18	DIN7603
	40	000908022001	PLUG		1	PC	0.048 kg	M 22 X 1,5	DIN908
	45	5362030050	BUSHING THREADED		1	PC	56.500 g		
	50	007603022102	COPPER SEALING RING		2	PC	0.900 g	A 22 X 27	DIN7603
	55	915013013002	UNION 13		2	PC	34.400 g	13	N15013
	60	007603018101	COPPER SEALING RING		2	PC	1.300 g	A 18 X 22	DIN7603



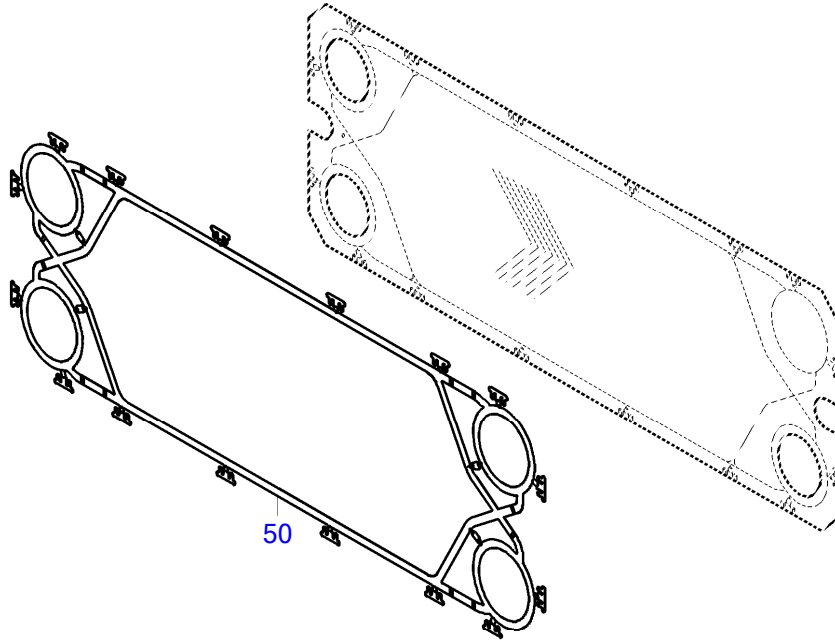
E0005798a2

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
	50	8692030127	GASKET	1	PC	100.000 g




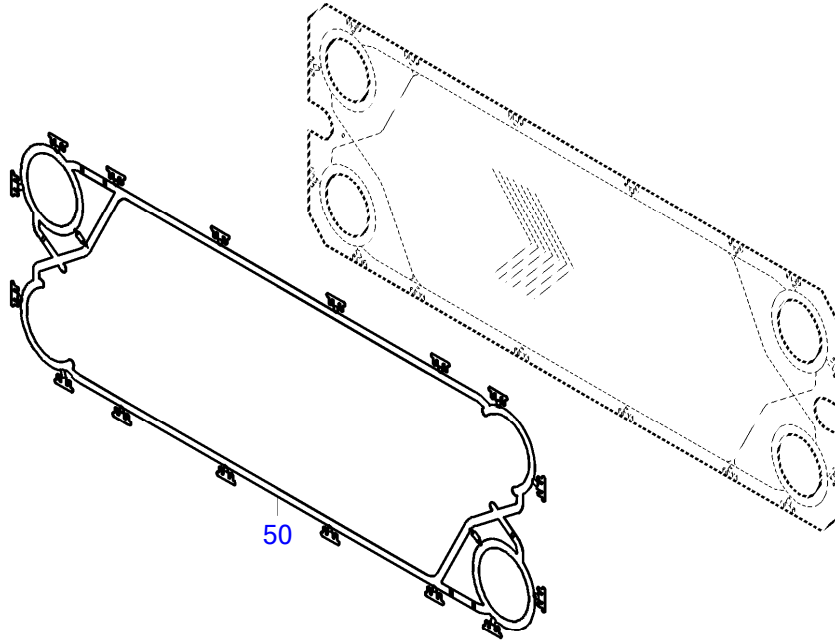
E0005798a1

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
	50	8692030126	GASKET	1	PC	99.400 g



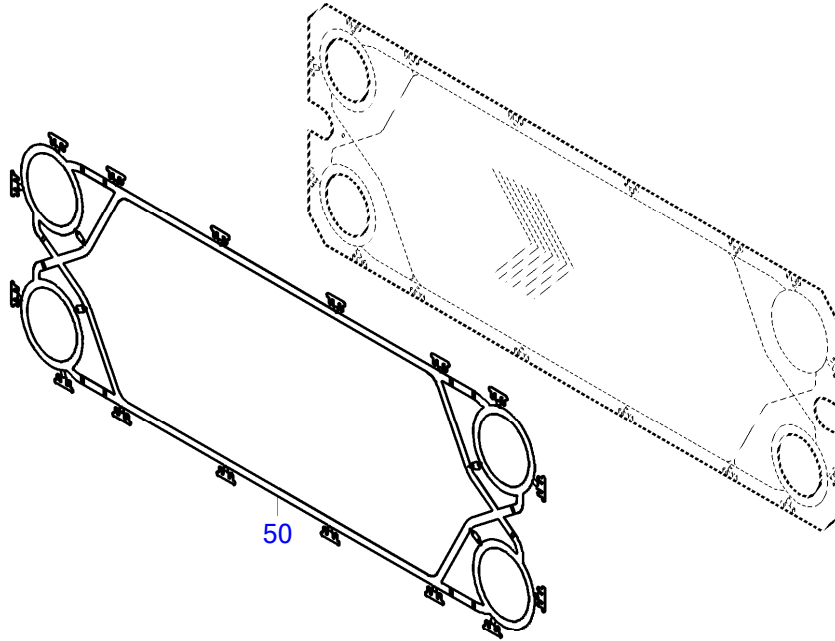
E0005798a0

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT
	50	8692030125	GASKET	1	PC	119.000 g	ALLE BOHRUNGEN GESCHLOSSEN




E0005798a2

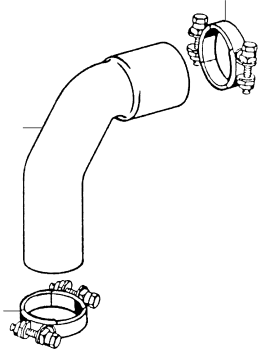
☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT
	50	8692030127	GASKET	1	PC	100.000 g



E0005798a0

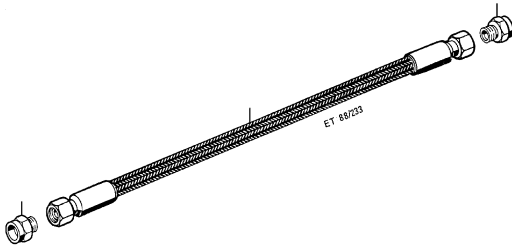
	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT
	50	8692030125	GASKET	1	PC	119.000 g	ALLE BOHRUNGEN GESCHLOSSEN

GROUP SEGMENT (FGS)
GROUP NAME
BOM-No.



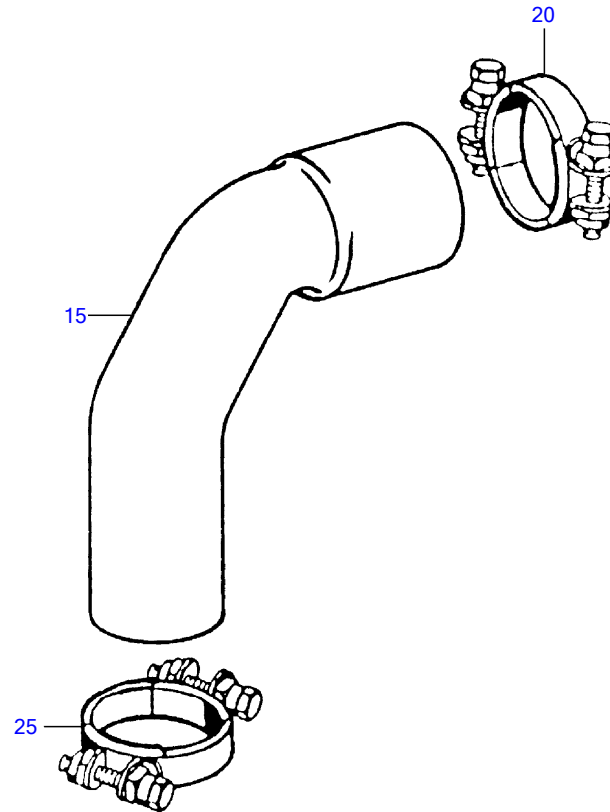
20
MOLDED TUBING F/WATER
200.00087

20500003a



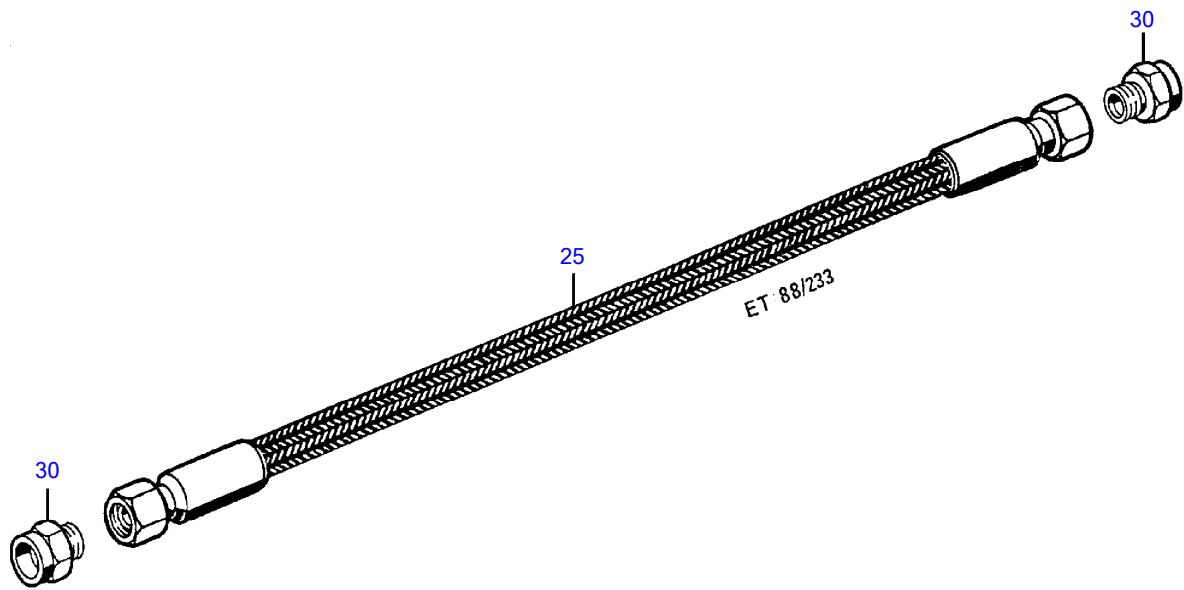
20
HOSE
200.00089

ET 023300



20500003a

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	15	5069971282	ELBOW RAW WATER	1	PC	1.513 kg		
	20	900288116000	CLAMP	2	PC	240.000 g	S 116/25X1,25 SK 2T	N288A
	25	900288106001	CLAMP	2	PC	227.800 g	S 106/25X1,25 SK 2T	N288A

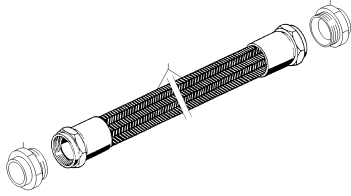


ET 023300

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	25	735038006102	HOSE	1	PC	0.148 kg	1SN 6 CC 300	MTN5038
	30	718363206002	UNION	2	PC	14.800 g	8/M 14 X 1,5	MMN18363.2

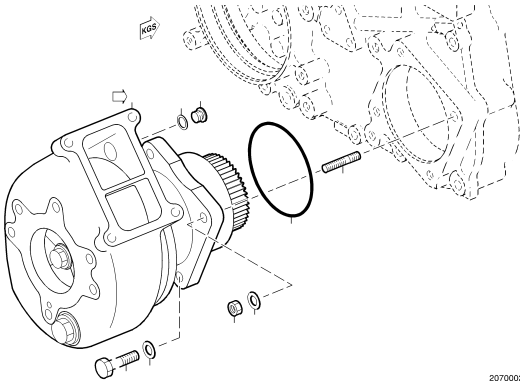
GROUP SEGMENT (FGS)
GROUP NAME
BOM-No.

10
HOSE
200.00028



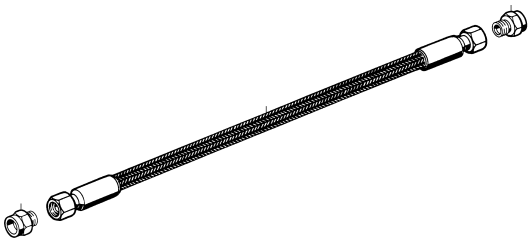
E207301a0

10
SEAWATER PUMP W/O ACCEPT CERTIFIC
200.00113



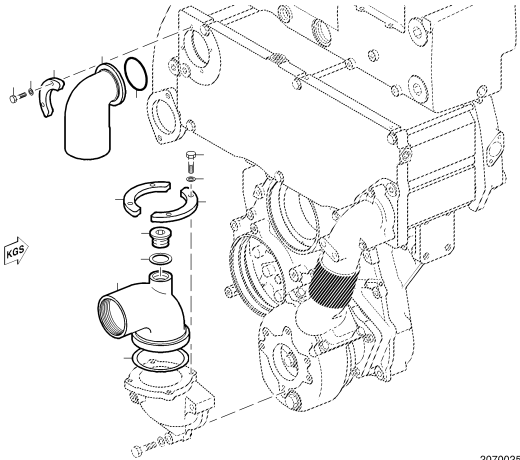
20700027a

10
HOSE
200.00150

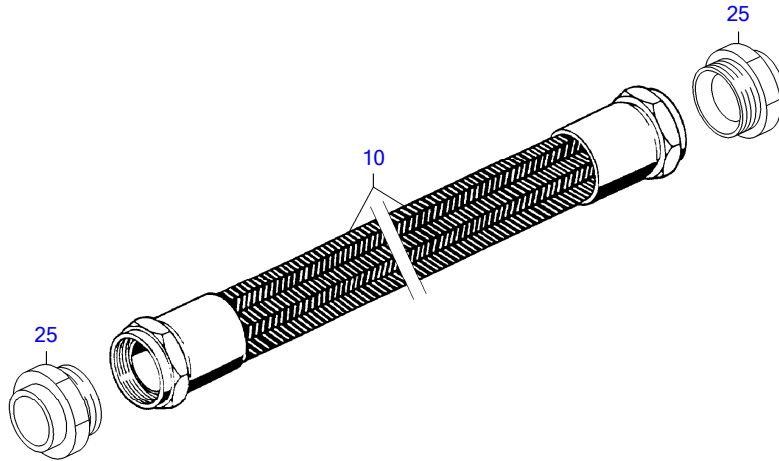


20700010a

10
SEAWATER ELBOW F/SCREW-FITT. UNION
200.00495

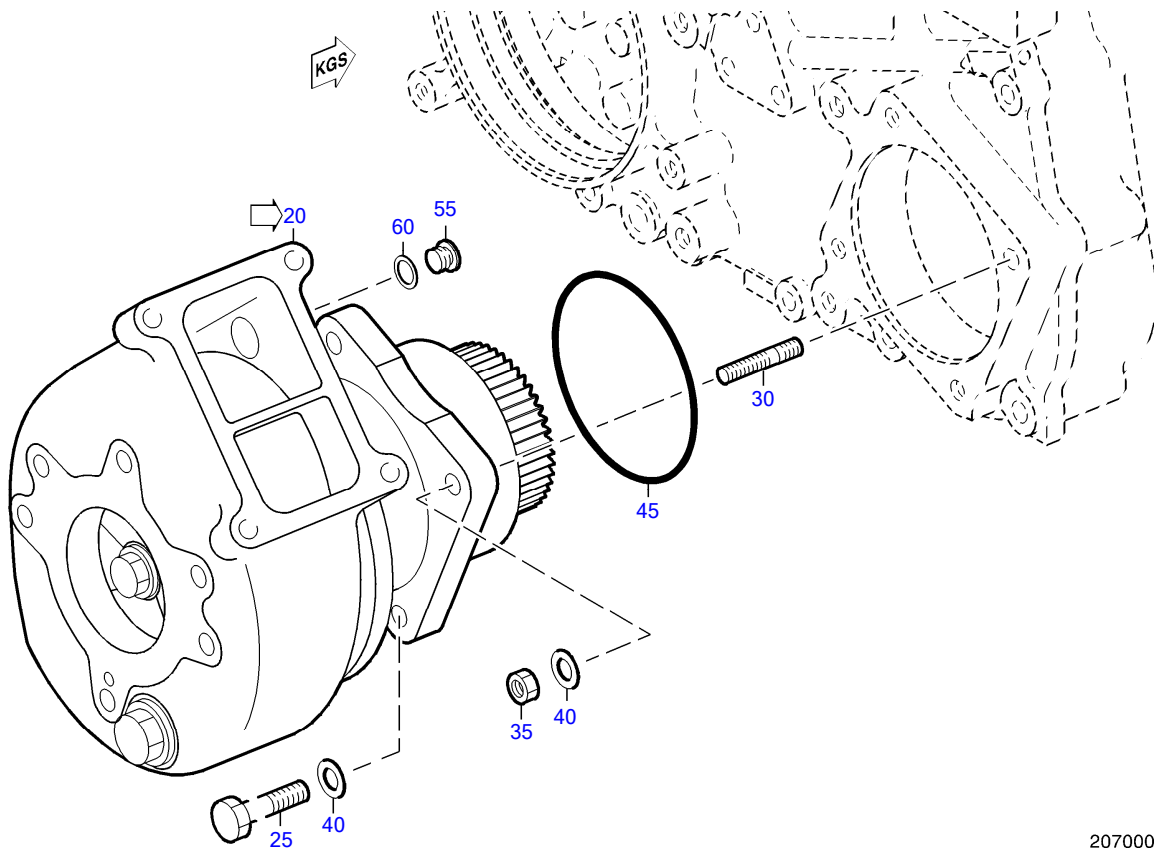


20700250a



E2073011a0

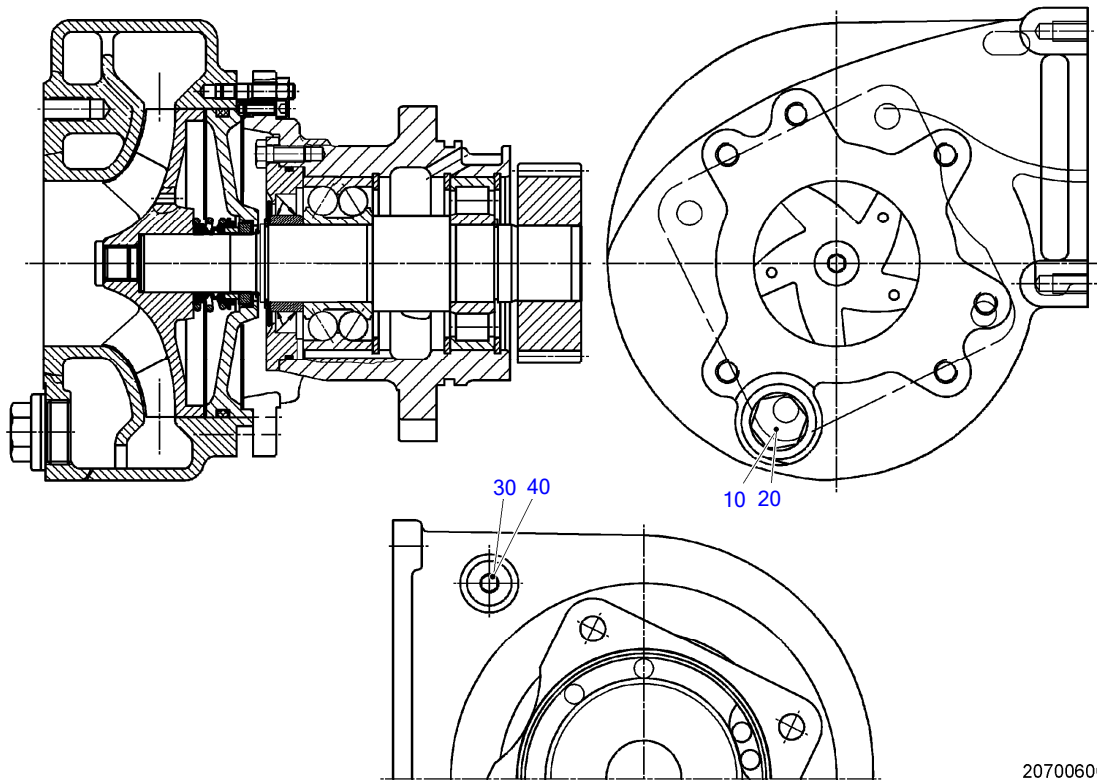
☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	735038020104	HOSE	1	PC	653.300 g	1SN 20 CC 400	MTN5038
	25	718363220003	UNION	2	PC	69.100 g	22/M 30 X 1,5	MMN18363.2



20700027a

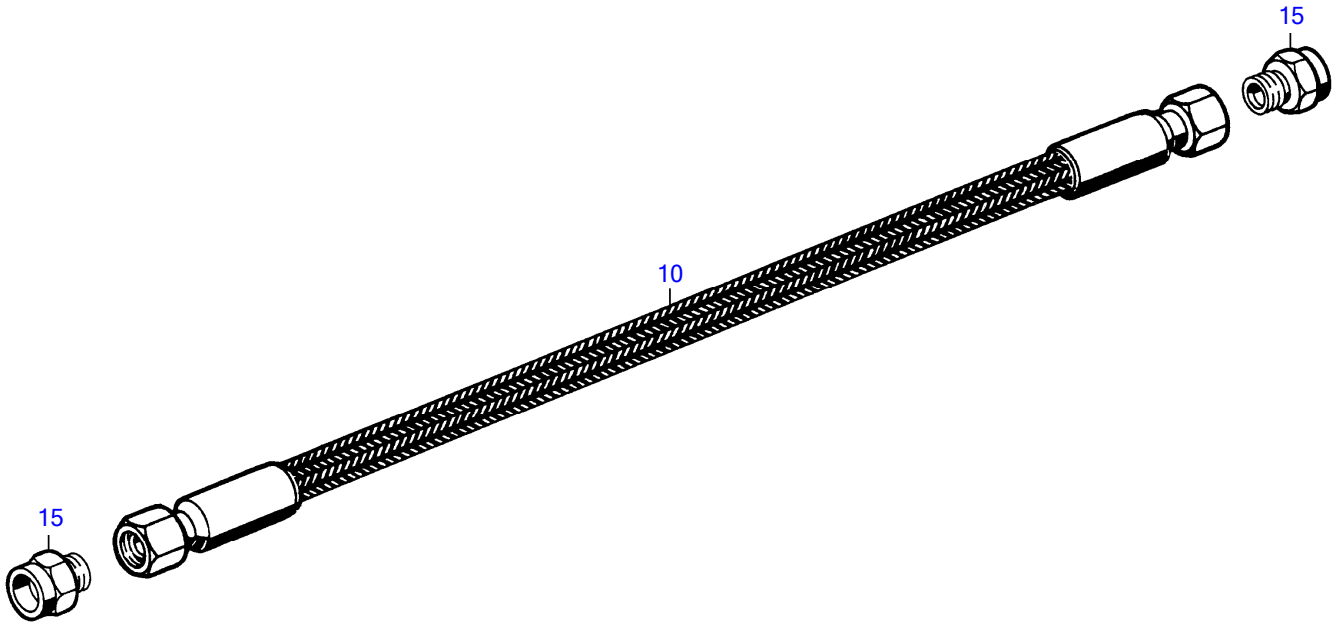
☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
169	20	X53620700003	SEAWATER PUMP	1	PC	30.800 kg	EM		
	25	000933012071	HEX SCREW	3	PC	44.800 g		M 12 X 40	DIN933
	30	000939012065	STUD	1	PC	76.000 g		M 12 X 80	DIN939
	35	000934012008	NUT HEX	1	PC	15.200 g		M 12	DIN934
	40	000125013012	WASHER	4	PC	5.600 g		A 13	DIN125
	45	700429118000	O-RING	1	PC	10.500 g		118 X 4	MMN429
	55	000908014002	PLUG	1	PC	0.015 kg		M 14 X 1,5	DIN908
	60	007603014102	COPPER SEALING RING	1	PC	1.000 g		A 14 X 18	DIN7603

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	100	Z=ELG160-MTUGD36	BEARING HOUSING	1	PC				
	150	8699810032	CYL ROLLER BEARING	1	PC	635.700 g		40X90X23	
	200	000472090000	SNAP RING	3	PC	34.500 g		90 X 3	DIN472
	250	8699810033	ANGLR-CONT BALL BRG	1	PC	998.900 g		40 X 90 X 36,5	
	300	8692040121	COOLANT PUMP SHAFT	1	PC	2.100 kg			
	350	000471040000	SNAP RING	2	PC	6.000 g		40 X 1,75	DIN471
	400	8692040122	SPACER RING	1	PC	92.100 g		ID 40 X 50 X 17 LAUFRING LI.	
	450	X52620200028	RADIAL-LIP SHFT SEAL FOR COOLANT PUMP	1	PC	0.030 kg			
	500	8692010054	BEARING CAP	1	PC	770.000 g			
	550	8699970288	SEALING RING	1	PC	3.900 g		95 X 3	
	600	304017008079	HEX SCREW	3	PC	11.700 g		M 8 X 20	ISO4017
	650	X53620200055	ROTARY SEAL	1	PC	100.000 g			
	700	X53620700004	SEAL CARRIER FOR SEAWATER PUMP	1	PC	1.600 kg			
	750	8699970245	SEALING RING	1	PC	11.800 g		150 X 5	
	800	000963005010	COUNTERSUNK HD SCREW	2	PC	2.200 g		M 5 X 16	DIN963
	850	8692010025	IMPELLER	1	PC	1.780 kg			
	900	8692010026	GEAR	1	PC	1.600 kg			
	950	000934008015	NUT HEX LH 8	8	PC	4.700 g		M 8 LH	DIN934
	1000	Z=IBS08X030A2	SCREW	8	PC	0.120 g	AC	8 X 30	
170	1050	XP53029700001	HOUSING	1	PC	13.540 kg			
	1100	8699970412	PLUG	1	PC	0.027 kg		M18 X 1,5	
	1150	Z=EYR160-XC50	RING	1	PC	15.000 g	AC		



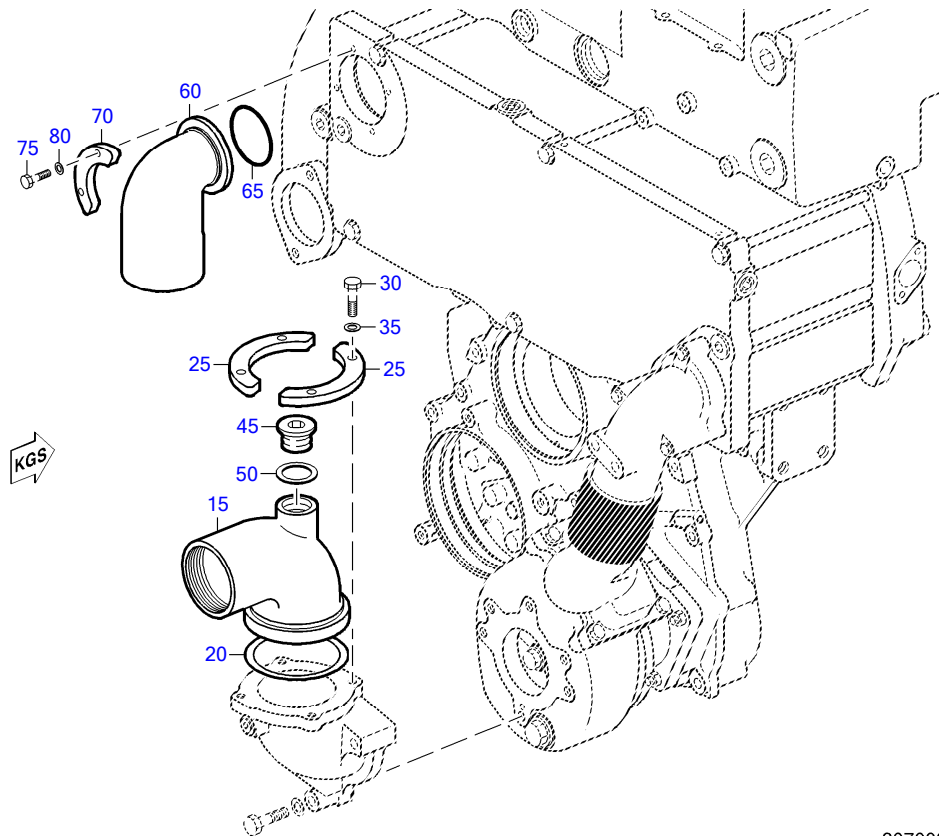
20700600

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	000910999023	PLUG	1	PC	0.193 kg	G 1 A	DIN910
	20	007603033100	WASHER A33X39 COP METALLIC	1	PC	4.600 g	A 33 X 39	DIN7603
	30	000908014002	PLUG	1	PC	0.015 kg	M 14 X 1,5	DIN908
	40	007603014102	COPPER SEALING RING	1	PC	1.000 g	A 14 X 18	DIN7603



20700010a

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	735038006100	HOSE	1	PC	149.800 g	1SN 6 CC 300-MW	MTN5038
	15	718363206003	UNION	2	PC	14.300 g	8/M 14 X 1,5	MMN18363.2



20700250a

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	15	5312031022	ELBOW FOR SEAWATER PUMP	8V2000M90	1	PC	3.735 kg		
	20	5552032780	GASKET		1	PC	11.900 g		
	25	5362030138	CLAMP-HALF		2	PC	380.000 g		
	30	000933010095	HEX SCREW		4	PC	36.100 g	M 10 X 50	DIN933
	35	000125010524	WASHER		4	PC	3.100 g	A 10,5	DIN125
	45	000908036008	PLUG		1	PC	125.600 g	M 36 X 1,5	DIN908
	50	007603036101	WASHER A COP		1	PC	5.200 g	A 36 X 42	DIN7603
	60	5312030222	ELBOW		1	PC	2.438 kg		
	65	700429075001	O-RING		1	PC	10.600 g	75 X 5	MMN429
	70	5362030038	CLAMP-HALF		2	PC	256.700 g		
	75	304017008084	HEX SCREW		4	PC	16.400 g	M 8 X 35	ISO4017
	80	000125008427	WASHER		4	PC	1.500 g	A 8,4	DIN125

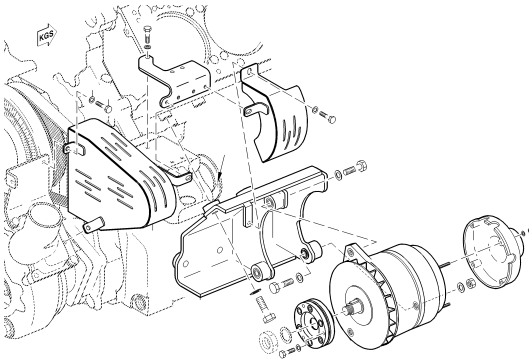
GROUP SEGMENT (FGS)

GROUP NAME

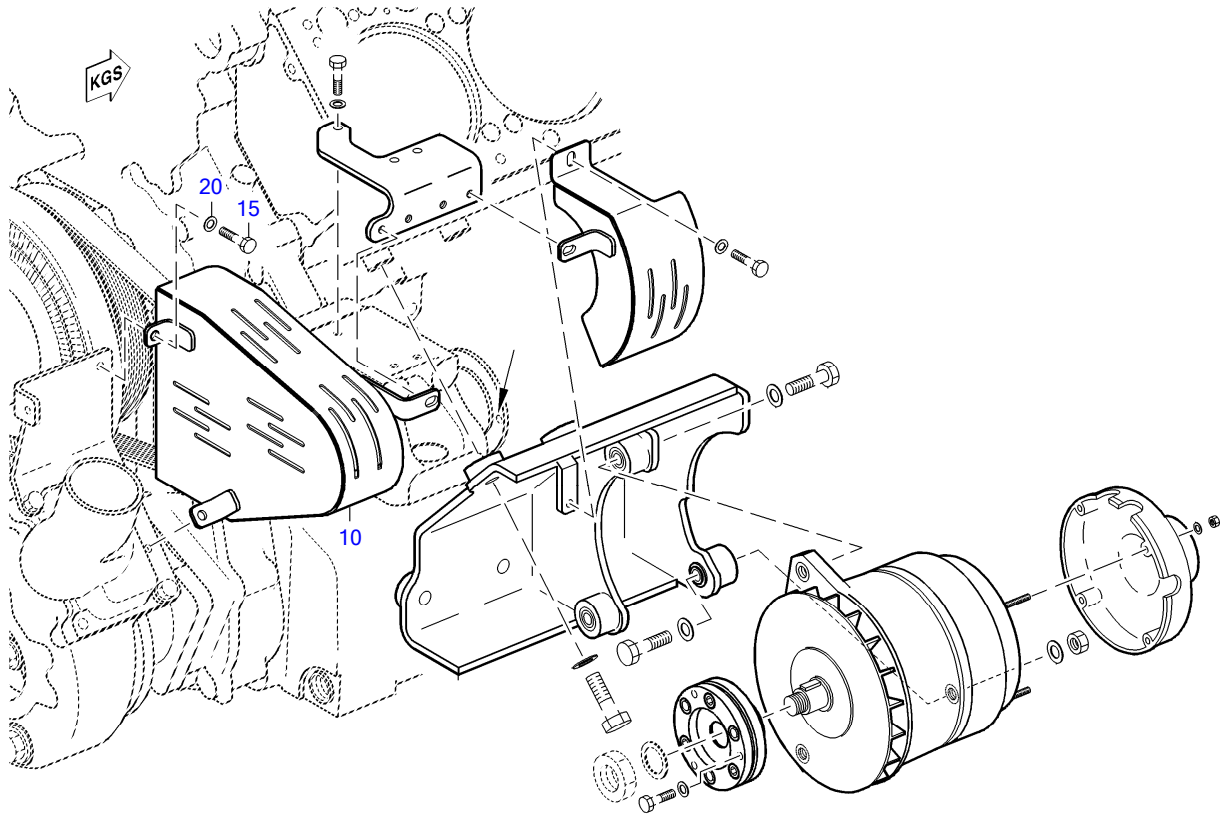
BOM-No.

05

PROTECTIVE COVER FOR DRIVE BELT
210.00058



2100001a



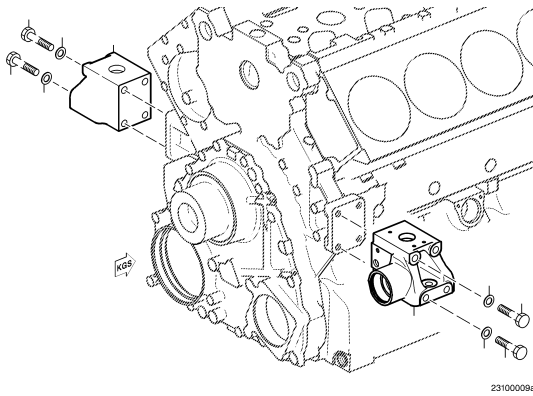
21300011a

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	5311500766	PROTECTIVE COVER	BR2000M	1	PC	1.780 kg		
	15	304017008077	HEX SCREW		3	PC	10.500 g	M 8 X 16	ISO4017
	20	007349008002	WASHER		3	PC	7.900 g	8,4	DIN7349

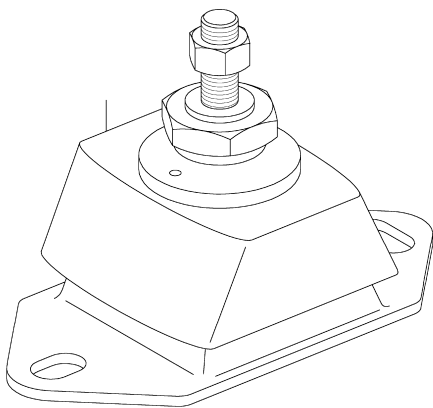
GROUP SEGMENT (FGS)

GROUP NAME

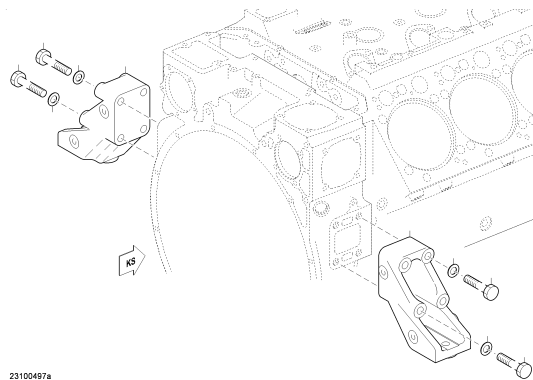
BOM-No.



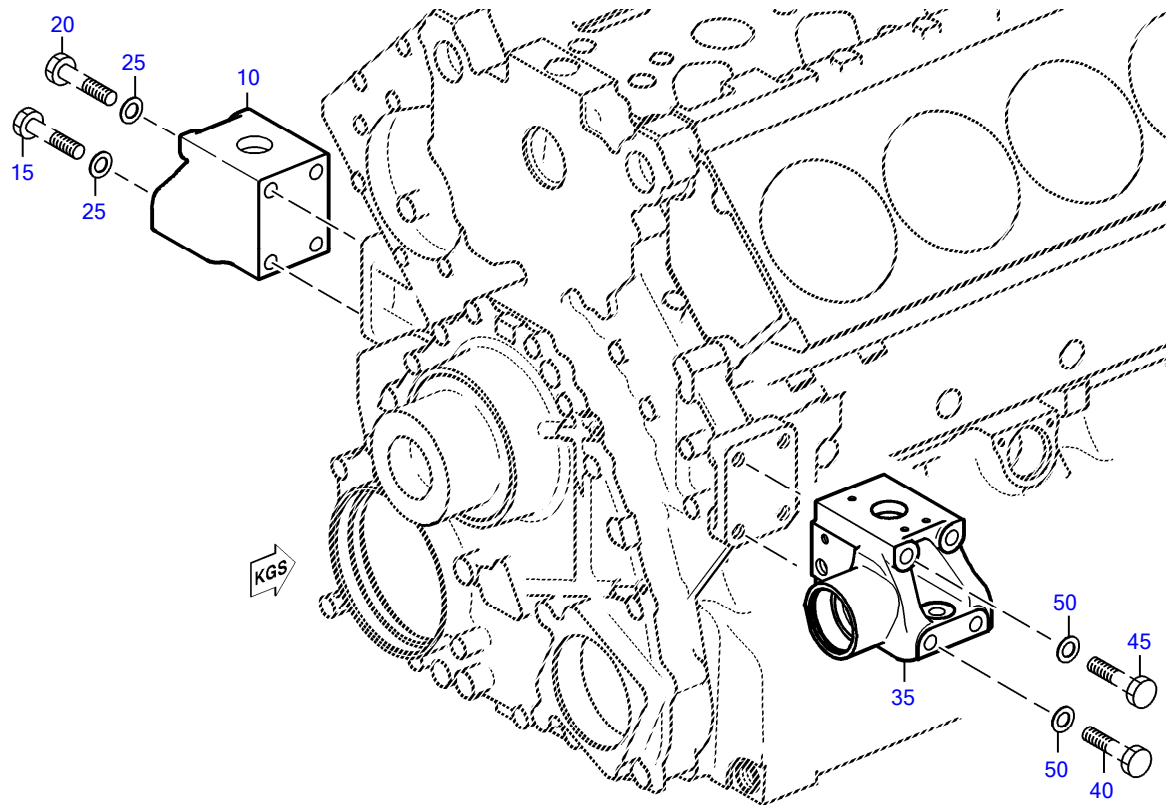
05
MOUNTING BRACKET AUX PTO END (KGS)
230.00029



05
RESIL ENG MOUNTING
230.00107

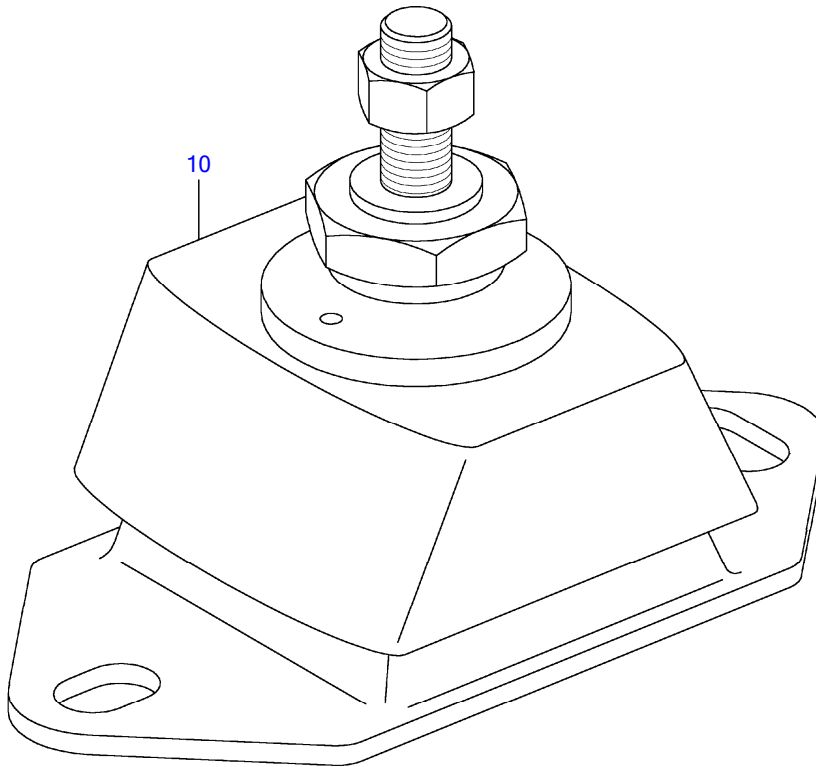


05
ENGINE MOUNTING KS FOR FITTING GENER
XS531230.00001



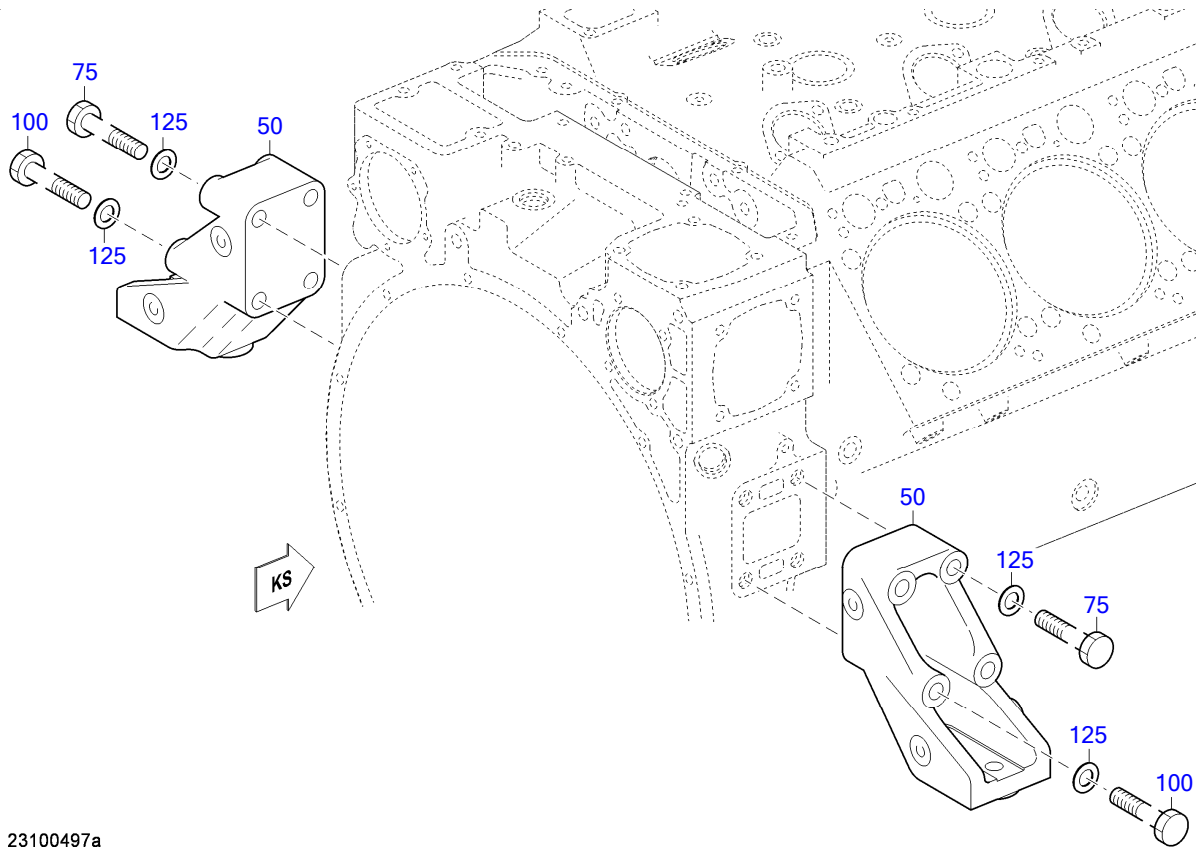
23100009a

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	5312301177	MOUNTING BRACKET	8V2000MARINE	1	PC	3.420 kg		
	15	000931016076	HEX SCREW		2	PC	334.000 g	M 16 X200	DIN931
	20	000931016068	HEX SCREW		2	PC	271.500 g	M 16 X160	DIN931
	25	000125017014	WASHER		4	PC	9.700 g	A 17	DIN125
	35	5312300277	MOUNTING BRACKET		1	PC	3.505 kg		
	40	000931016076	HEX SCREW		2	PC	334.000 g	M 16 X200	DIN931
	45	000931016068	HEX SCREW		2	PC	271.500 g	M 16 X160	DIN931
	50	000125017014	WASHER		4	PC	9.700 g	A 17	DIN125



23100022b

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT
☐	10	0022376212	RUBBER MOUNT	1	PC	2.860 kg	16X65 HV16



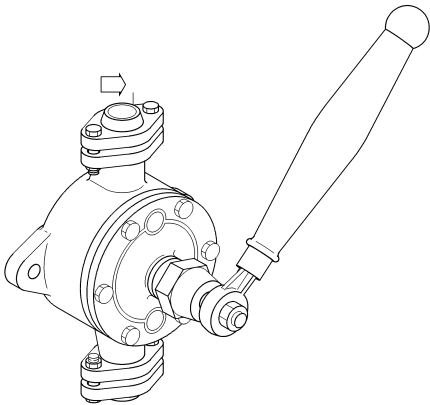
23100497a

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	50	5312300077	MOUNTING BRACKET	2	PC	3.095 kg		
	75	200931016009	HEX SCREW	4	PC	182.000 g	M 16 X100	DIN931
	100	000931016080	HEX SCREW	4	PC	254.800 g	M 16 X150	DIN931
	125	000125017014	WASHER	8	PC	9.700 g	A 17	DIN125

GROUP SEGMENT (FGS)

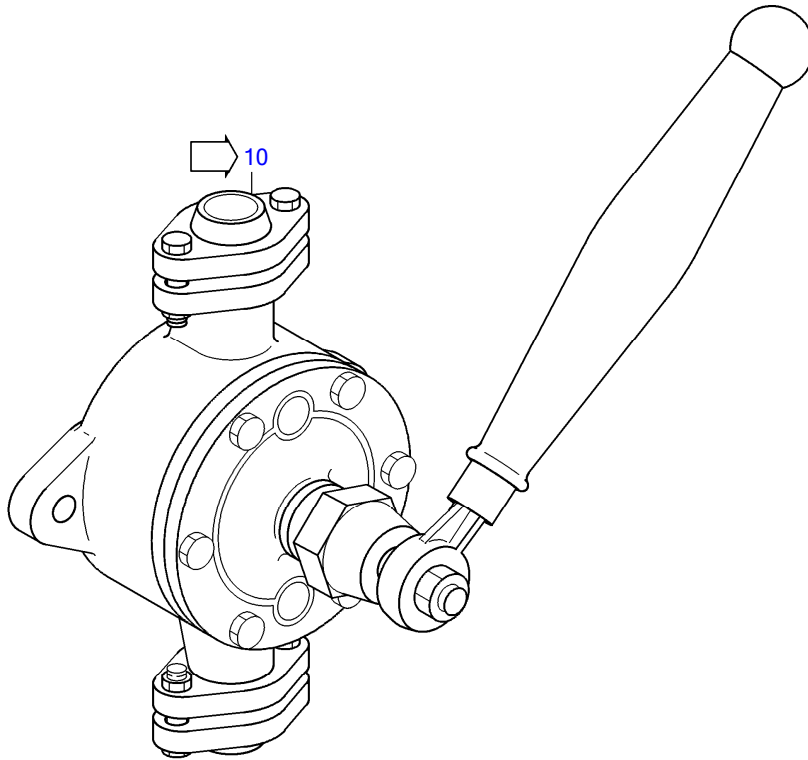
GROUP NAME

BOM-No.




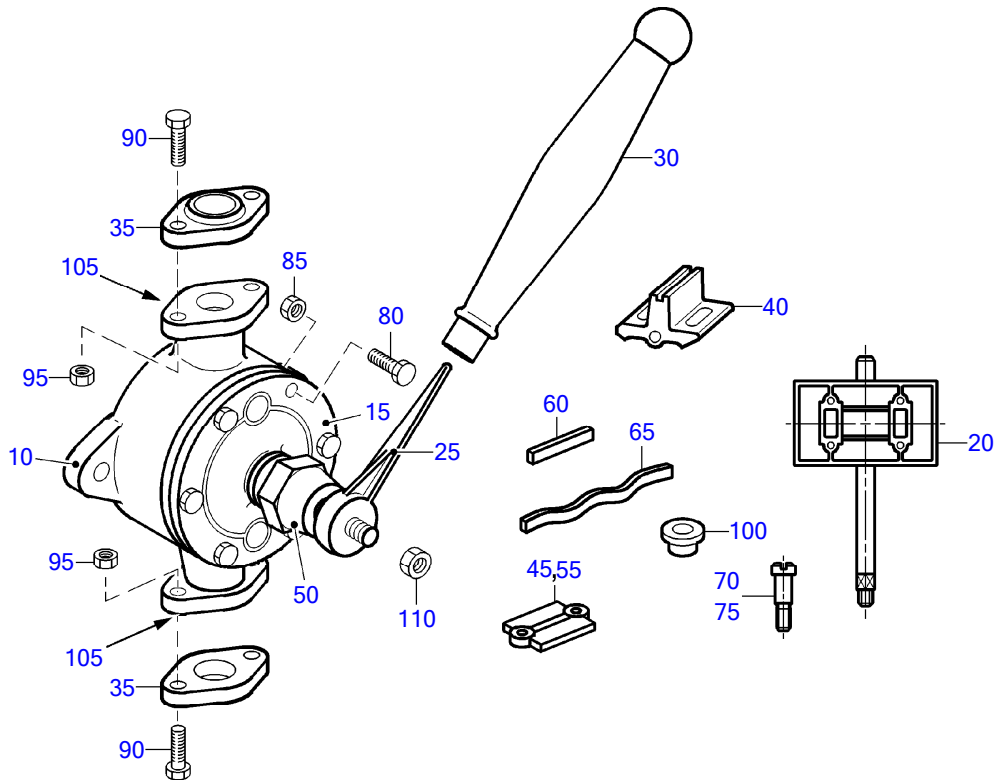
05
HAND OIL PUMP
180.00009

E1813024a0



E1813024a0

	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	FN
	10	0001812398	OIL EXTRACTION PUMP HAND S4000 S2000	1	PC	6.013 kg	P



181K0005a

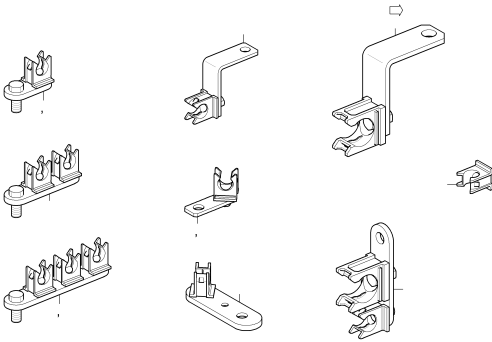
☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	10	Z=2.201 028	HOUSING		1	PC				
	15	Z=2.201 029	COVER		1	PC				
	20	Z=152003	VANE		1	PC	0.999 g	AC		
	25	Z=2.201 031	PIN		1	PC	0.200 g			
	30	8691810014	LEVER		1	PC	124.600 g			
	35	Z=2.261 074	FLANGE		1	PC		AC		
	40	Z=2.201 033	VALVE SEAT		1	PC		AC		
	45	8691810007	VALVE PLATE		2	PC	15.000 g		47,3 X 14,7 GR.1	
	50	Z=2.201 035	UNION NUT		1	PC				
	55	8691810008	VALVE PLATE		2	PC	22.200 g		52,8 X 18,2 GR.2	
	60	8699970175	GASKET		1	PC	1.700 g		6 X 7	
	65	8699970176	GLAND PACKING		1	PC	0.100 g		4 X 4 X 68	
	70	Z=152007	SCREW		4	PC	5.000 g		M5X21,5	
	75	Z=152007	SCREW		4	PC	5.000 g		M5X21,5	
	80	304017008081	HEX SCREW		6	PC	13.400 g		M 8 X 25	ISO4017
	85	000934008008	NUT HEX		6	PC	4.600 g		M 8	DIN934
	90	304017008084	HEX SCREW		4	PC	16.400 g		M 8 X 35	ISO4017
	95	000934008008	NUT HEX		4	PC	4.600 g		M 8	DIN934
	100	Z=151009	COMPRESSION GLAND		1	PC	25.000 g	AC	GROESSE 0-2	
	105	40201	HYLOMAR M UNIVERSAL SEALANT	1 ST = 80 ML	1	PC	100.000 g		HYLOMAR M	
	110	000934010005	NUT HEX		1	PC	10.400 g		M 10	DIN934

GROUP SEGMENT (FGS)

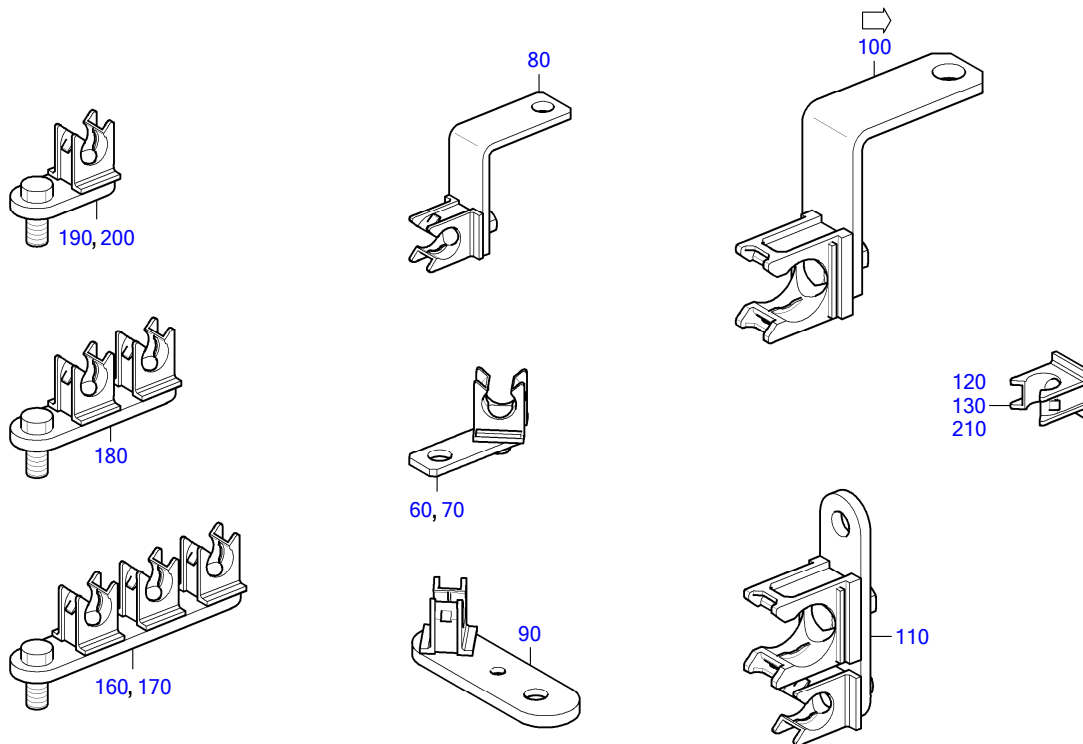
GROUP NAME

BOM-No.

00
RETAINER F. WIRING HARNESS
XS531500.00003

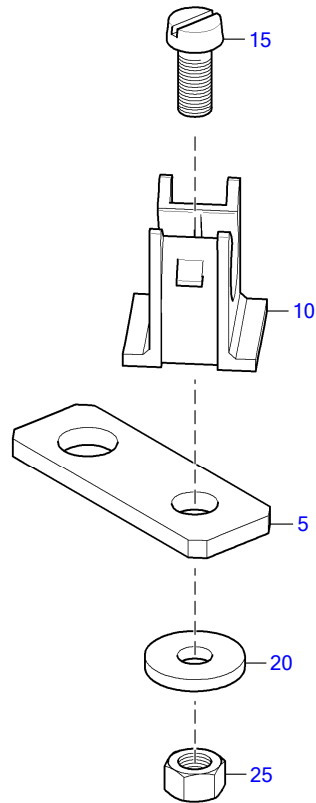


50704042



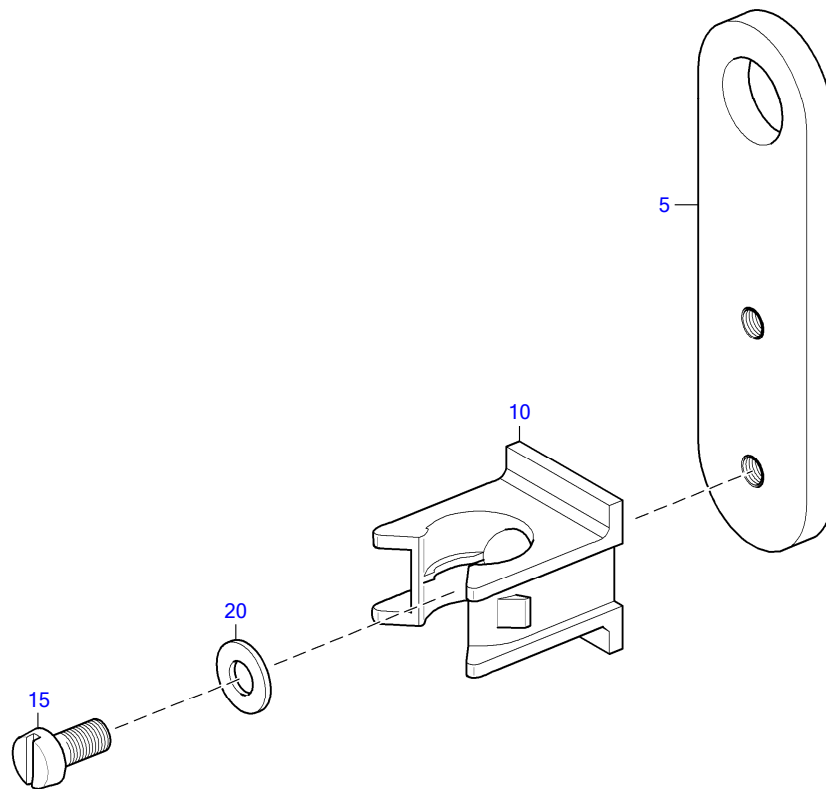
50704042

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT
	193	60 5241508573	RETAINER F. WIRING HARNESS	2000/4000	1	PC	22.500 g	HC119
	184	70 5241502876	RETAINER F. WIRING HARNESS	2000/4000	1	PC	20.000 g	HC118
		80 5241507173	RETAINER F. WIRING HARNESS	4000	1	PC	22.800 g	HC087
	185	90 5241503173	RETAINER F. WIRING HARNESS	BR4000	1	PC	42.000 g	HC035
	192	100 5241508173	RETAINER F. WIRING HARNESS	2000/4000	1	PC	125.000 g	HC021
	186	110 5241505176	RETAINER F. WIRING HARNESS		1	PC	28.300 g	HC117
		130 0005334943	RETAINING BRACKET FOR CORRUGATED PIPE NICHT STAPELBAR		2	PC	2.900 g	BUEGEL FUER NW17-HALTER
	190	160 5241508076	RETAINER F. WIRING HARNESS		10	PC	92.500 g	HC114
		170 5241508176	RETAINER F. WIRING HARNESS		2	PC	92.700 g	HC115
		180 5241507876	RETAINER F. WIRING HARNESS		1	PC	75.000 g	HC105
	187	190 5241507676	RETAINER F. WIRING HARNESS		1	PC	42.900 g	HC098
	189	200 5241507776	RETAINER F. WIRING HARNESS		2	PC	42.900 g	HC100
		210 0005335043	RETAINING BRACKET FOR CORRUGATED PIPE NICHT STAPELBAR		41	PC	1.800 g	BUEGEL FUER NW10-HALTER



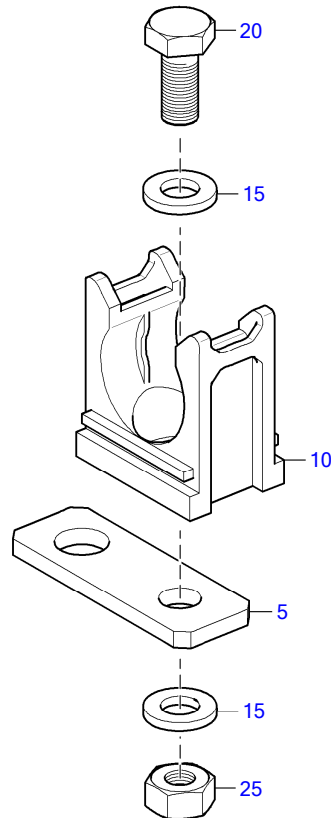
50704176

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	5	5621531040	BRACKET H:01 S2000/4000	1	PC	14.100 g		
	10	0015331040	RETAINER	1	PC	675.000 g	F. DREHSPIEGELLEUCHTE	
	15	000084005196	SCREW	1	PC	2.600 g	M 5 X 12	DIN84
	20	007349005002	WASHER	1	PC	2.300 g	5,3	DIN7349
	25	000934005004	NUT HEX	1	PC	1.000 g	M 5	DIN934



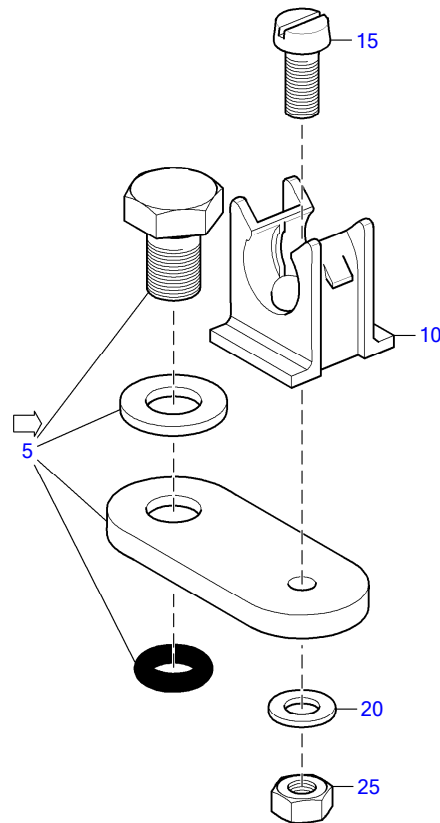
50704178

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	5	5241531040	BRACKET FLAT H:12		1	PC	37.800 g		
	10	0015331840	SCREW-ON HOLDER FOR CORRUGATED PIPE	OHNE BUEGEL	1	PC	3.100 g	HALTER NW10 BOHRLOCH M5	
	15	000084004410	SCREW		1	PC	1.100 g	M 4 X 8	DIN84
	20	000125004317	WASHER		1	PC	0.200 g	A 4,3	DIN125



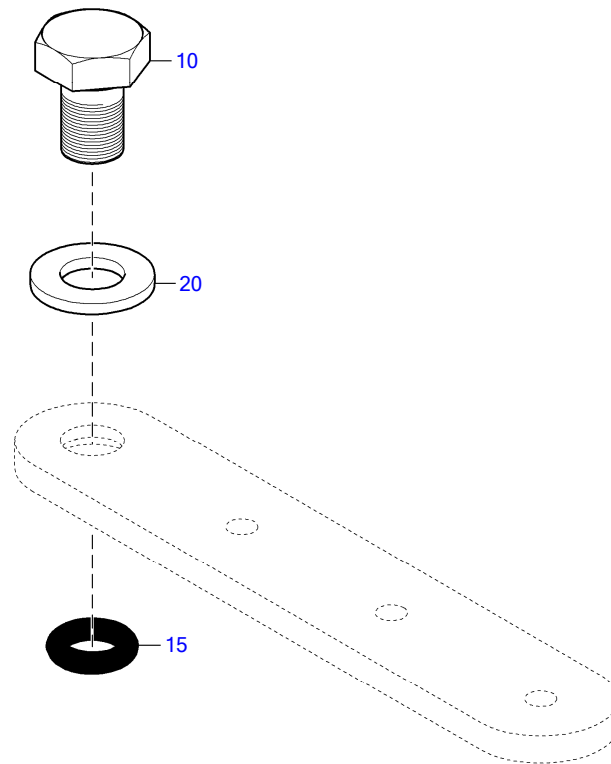
50704179

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	5	5621531040	BRACKET H:01 S2000/4000		1	PC	14.100 g		
	10	0015331940	SCREW-ON HOLDER FOR CORRUGATED PIPE	OHNE BUEGEL	1	PC	5.600 g	HALTER NW17 BOHRLOCH M6	
	15	000125006431	WASHER		2	PC	0.800 g	A 6,4	DIN125
	20	000933006207	HEX SCREW		1	PC	4.800 g	M 6 X 14	DIN933
	25	000934006006	NUT HEX		1	PC	2.200 g	M 6	DIN934



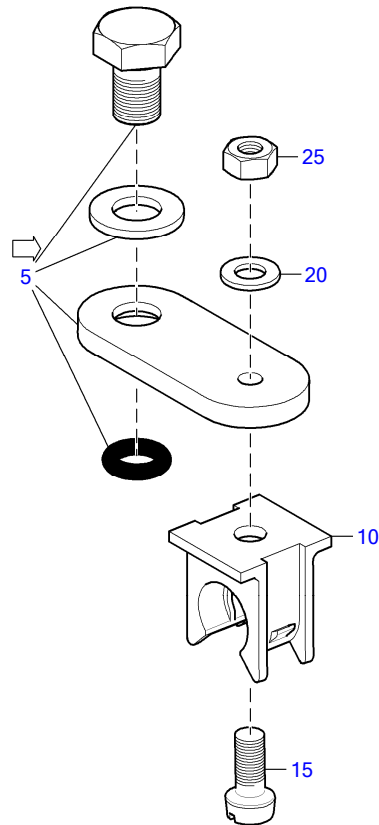
50704180

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
188	5	5315400173	BRACKET FLAT H:46	8V2000	1	PC	39.500 g		
	10	0015331840	SCREW-ON HOLDER FOR CORRUGATED PIPE	OHNE BUEGEL	1	PC	3.100 g	HALTER NW10 BOHRLOCH M5	
	15	200084005102	SCREW		1	PC	2.600 g	M 5 X 12	DIN84
	20	200125005300	WASHER		1	PC	0.400 g	A 5,3	DIN125
	25	000934005024	NUT HEX		1	PC	1.000 g	M 5	DIN934



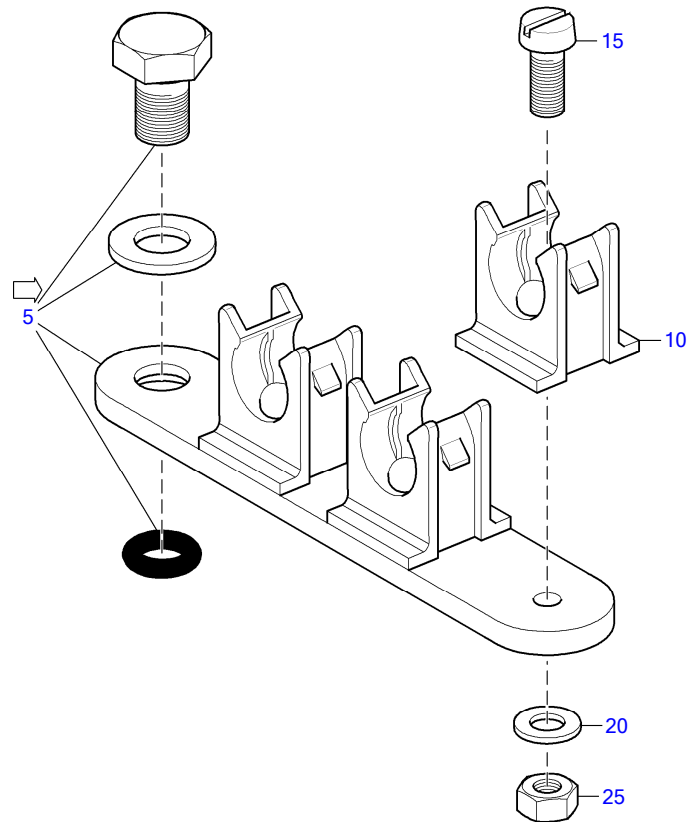
50704183

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	00000000442	HEX SCREW	1	PC	9.700 g	M 8 X 12	ISO4017
	15	700429006002	O-RING	1	PC	0.400 g	6 X 3	MMN429
	20	200125008400	WASHER	1	PC	1.500 g	A 8,4	DIN125



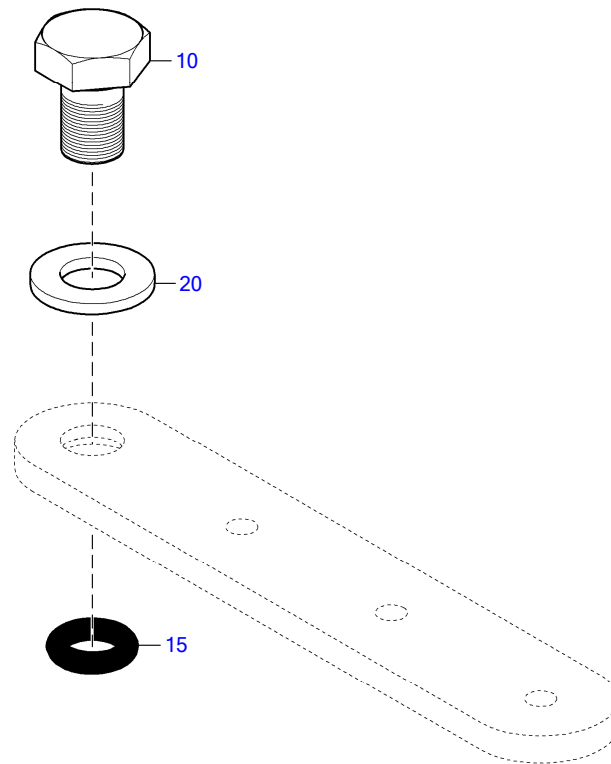
50704181

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
188	5	5315400173	BRACKET FLAT H:46	8V2000	1	PC	39.500 g		
	10	0015331840	SCREW-ON HOLDER FOR CORRUGATED PIPE	OHNE BUEGEL	1	PC	3.100 g	HALTER NW10 BOHRLOCH M5	
	15	200084005102	SCREW		1	PC	2.600 g	M 5 X 12	DIN84
	20	200125005300	WASHER		1	PC	0.400 g	A 5,3	DIN125
	25	000934005024	NUT HEX		1	PC	1.000 g	M 5	DIN934



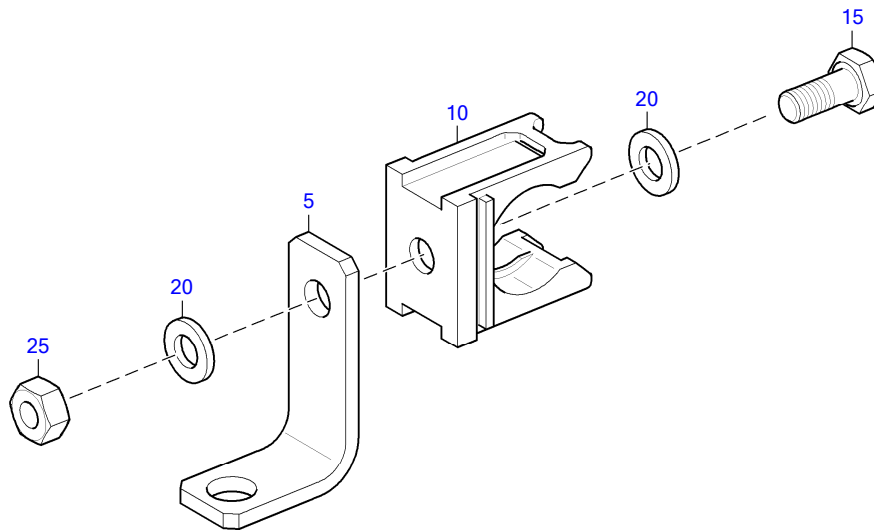
50704182

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	191	5	5315400373 BRACKET FLAT H:44	8V2000	1	PC	72.500 g		
		10	0015331840 SCREW-ON HOLDER FOR CORRUGATED PIPE	OHNE BUEGEL	3	PC	3.100 g	HALTER NW10 BOHRLOCH M5	
		15	200084005102 SCREW		3	PC	2.600 g	M 5 X 12	DIN84
		20	200125005300 WASHER		3	PC	0.400 g	A 5,3	DIN125
		25	000934005024 NUT HEX		3	PC	1.000 g	M 5	DIN934



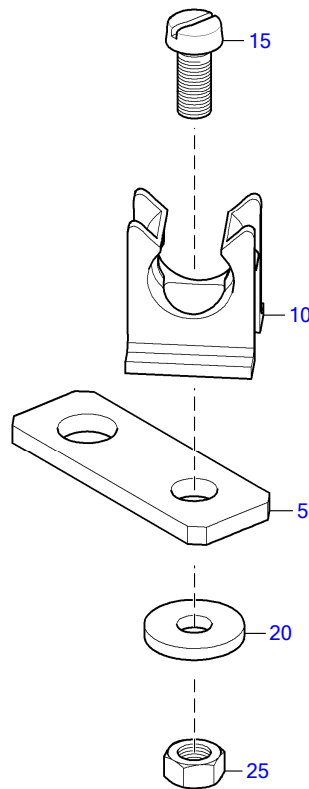
50704183

☐	POS.	PART NO.	DESIGNATION	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	10	00000000442	HEX SCREW	1	PC	9.700 g	M 8 X 12	ISO4017
	15	700429006002	O-RING	1	PC	0.400 g	6 X 3	MMN429
	20	200125008400	WASHER	1	PC	1.500 g	A 8,4	DIN125



50002099

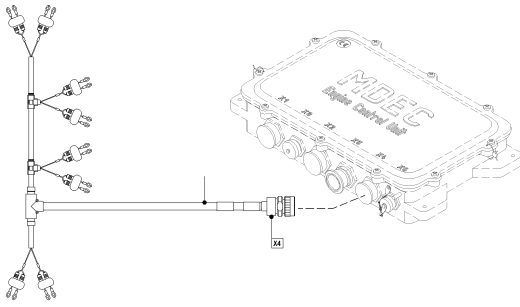
☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	5	5621531140	BRACKET L H:24 S4000 S2000		1	PC	20.900 g		
	10	0015331940	SCREW-ON HOLDER FOR CORRUGATED PIPE	OHNE BUEGEL	1	PC	5.600 g	HALTER NW17 BOHRLOCH M6	
	15	000933006207	HEX SCREW		1	PC	4.800 g	M 6 X 14	DIN933
	20	000125006431	WASHER		2	PC	0.800 g	A 6,4	DIN125
	25	000934006006	NUT HEX		1	PC	2.200 g	M 6	DIN934



50704175

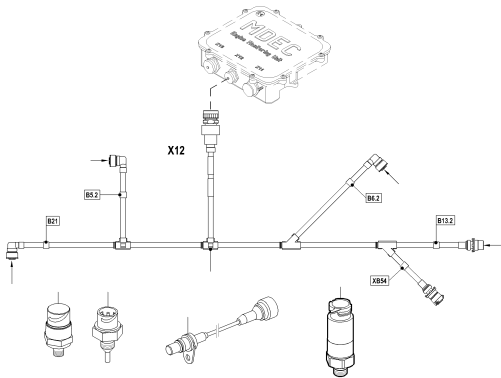
☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	MEASUREMENT	STANDARD
	5	5621531040	BRACKET H:01 S2000/4000		1	PC	14.100 g		
	10	0015331840	SCREW-ON HOLDER FOR CORRUGATED PIPE	OHNE BUEGEL	1	PC	3.100 g	HALTER NW10 BOHRLOCH M5	
	15	000084005196	SCREW		1	PC	2.600 g	M 5 X 12	DIN84
	20	007349005002	WASHER		1	PC	2.300 g	5,3	DIN7349
	25	000934005004	NUT HEX		1	PC	1.000 g	M 5	DIN934

GROUP SEGMENT (FGS)
GROUP NAME
BOM-No.



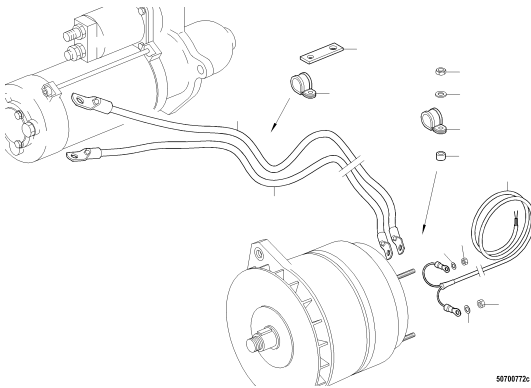
98
SENSOR AND CABLING
500.00420

50700872a



98
SENSOR AND CABLING
500.00812

50700870a



98
ENGINE CABLING FOR GENERATOR
500.01784

50700772a

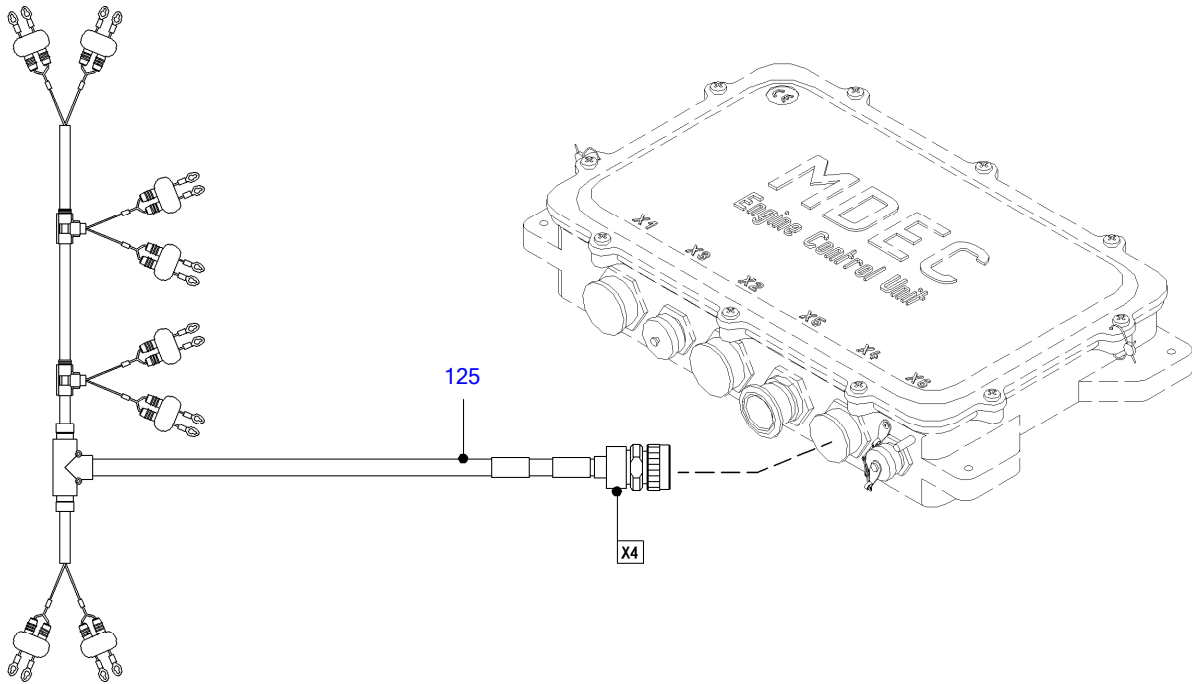
EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
SENSOR AND CABLING

SERIAL NUMBER: 531101840

FG/FGS: 507 98

BOM-No.: 500.00420



50700872a

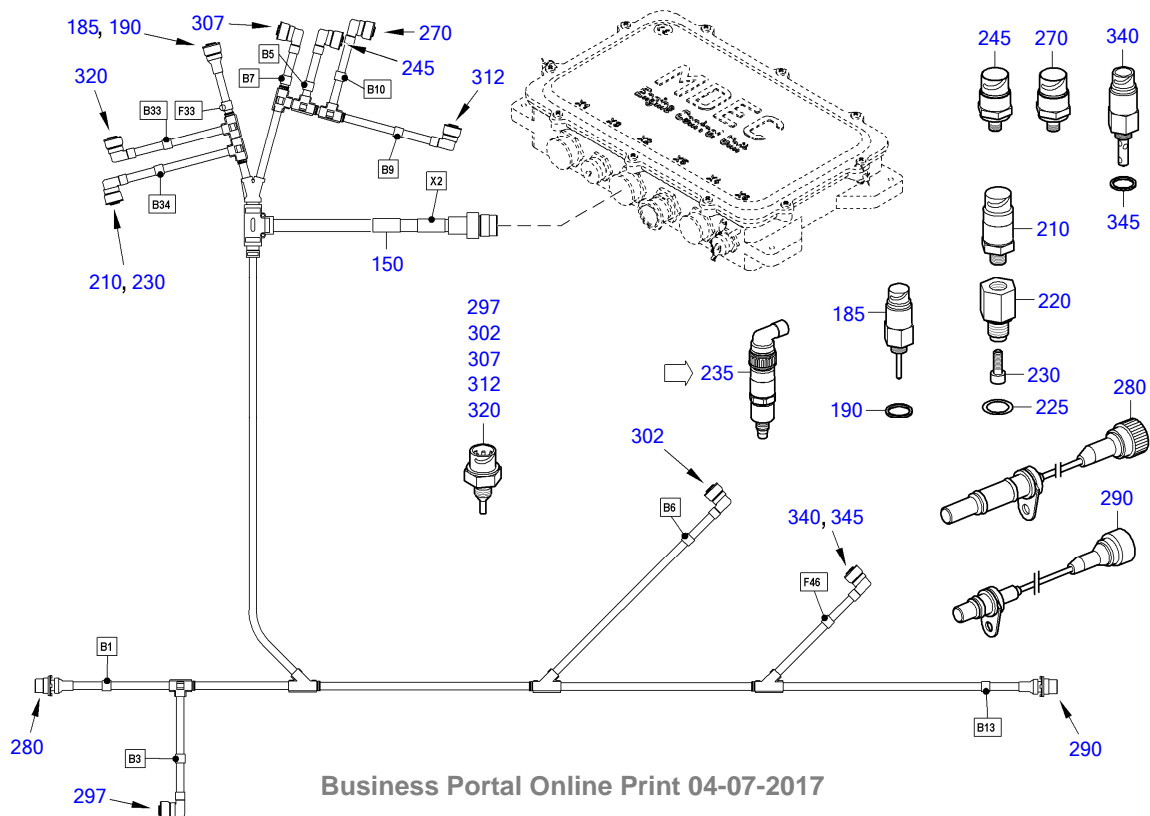
EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
SENSOR AND CABLING

SERIAL NUMBER: 531101840

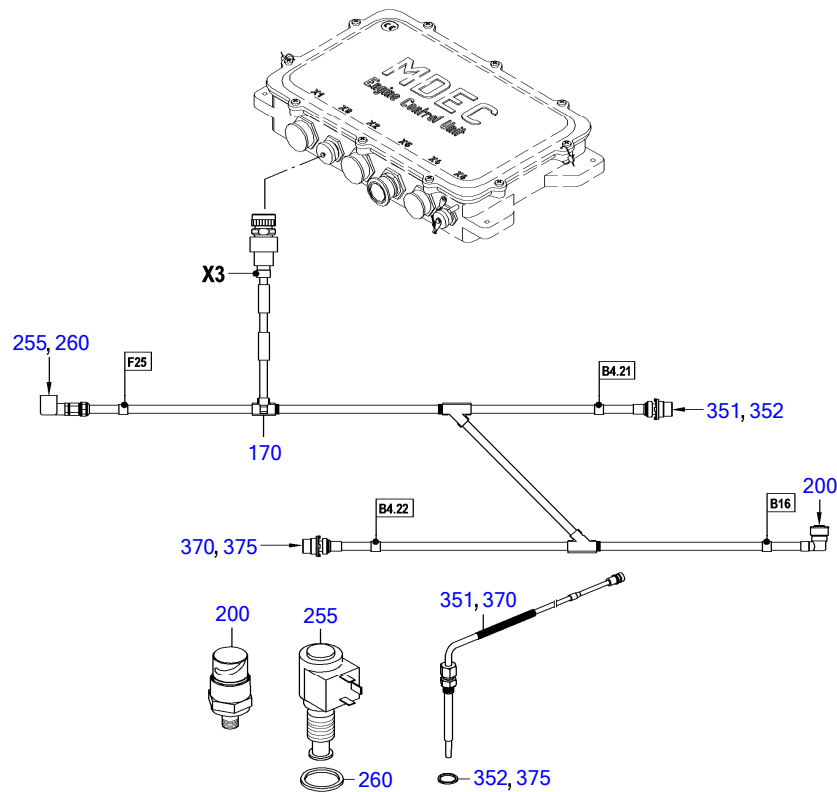
FG/FGS: 507 98

BOM-No.: 500.00420



Business Portal Online Print 04-07-2017

TD0000012062_507



TD0000012064_507

POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
125		WIRING HARNESS TO INJECTOR	8V2000	1	PC	443.800 g	KE	X4 INJEKTOR	
150		WIRING HARNESS FOR ON-ENGINE SENSO	8V2000 M40-60	1	PC	922.600 g	KE	GRUNDUMFANG	
170		WIRING HARNESS FOR ON-ENGINE SENSO	8V2000 M60-90	1	PC	520.000 g	KE	SENS. MAX. UMF./RADOX	
185	X00E50203659	LEVEL MONITOR	BEDIA CLS-50, WASSERSONDE	1	PC	86.600 g	AB	WASSERSONDE DYN.UB-VERHALTEN+LT,	
190	007603018101	COPPER SEALING RING		1	PC	1.300 g		A 18 X 22	DIN7603
200	X00E50207199	PRESSURE SENSOR	6 BAR REL.	1	PC	105.400 g	AB	ISO M14X1,5; SW=27 TYP:EPN	
210	X00E50207196	PRESSURE SENSOR	15 BAR REL.	1	PC	104.100 g	AB	PLAN G1/4"A SW27 L=64 TYP:EPN	
220	5360780150	BUSHING	16V2000M90	1	PC	67.100 g			
225	735221011000	O-RING		1	PC	0.300 g		11,3 X 2,2 - M14X1,5	MTN5221
230	000912006097	BOLT HEX SOC HD		1	PC	5.500 g		M 6 X 16	DIN912
235	5205304631	SENSOR FOR FUEL	BR2000	1	PC	172.000 g	MN EM		
245	0035352531	PRESSURE SENSOR		1	PC	75.000 g	EM	M14X1,5,SW= 27, 0-10BAR_RELATIV	
255	X00E50201396	DIFF-PRESS MONITOR	2,2 BAR	1	PC	125.000 g	AB	M18X1,5,SCHALTDR.2,2BAR,OEFFNER,	
260	007603018101	COPPER SEALING RING		1	PC	1.300 g		A 18 X 22	DIN7603
270	0035352731	PRESSURE SENSOR	4,5 BAR ABS	1	PC	90.000 g	AB EM	M18X1,5 SW=27,0 5-4,5BAR_ABSOL	
280	0005357333	SPEED SENSOR	BR2000;NW;	1	PC	90.000 g	AB EM	D=19X90,KABELL.=500MM,	
290	0005357433	SPEED SENSOR	BR2000;KW/NW;	1	PC	85.000 g	AB EM	D=19X37,6,KABELL.=750MM,	
297	0005356430	TEMPERATURE SENSOR	PT1000	1	PC	50.000 g	EM	M14X1,5, L=29, STECKER DIN72585,	
302	0005356430	TEMPERATURE SENSOR	PT1000	1	PC	50.000 g	EM	M14X1,5, L=29, STECKER DIN72585,	
307	0005356430	TEMPERATURE SENSOR	PT1000	1	PC	50.000 g	EM	M14X1,5, L=29, STECKER DIN72585,	
312	0005356430	TEMPERATURE SENSOR	PT1000	1	PC	50.000 g	EM	M14X1,5, L=29, STECKER DIN72585,	
320	0005356430	TEMPERATURE SENSOR	PT1000	1	PC	50.000 g	EM	M14X1,5, L=29, STECKER DIN72585,	

EQUI TYPE: Engine

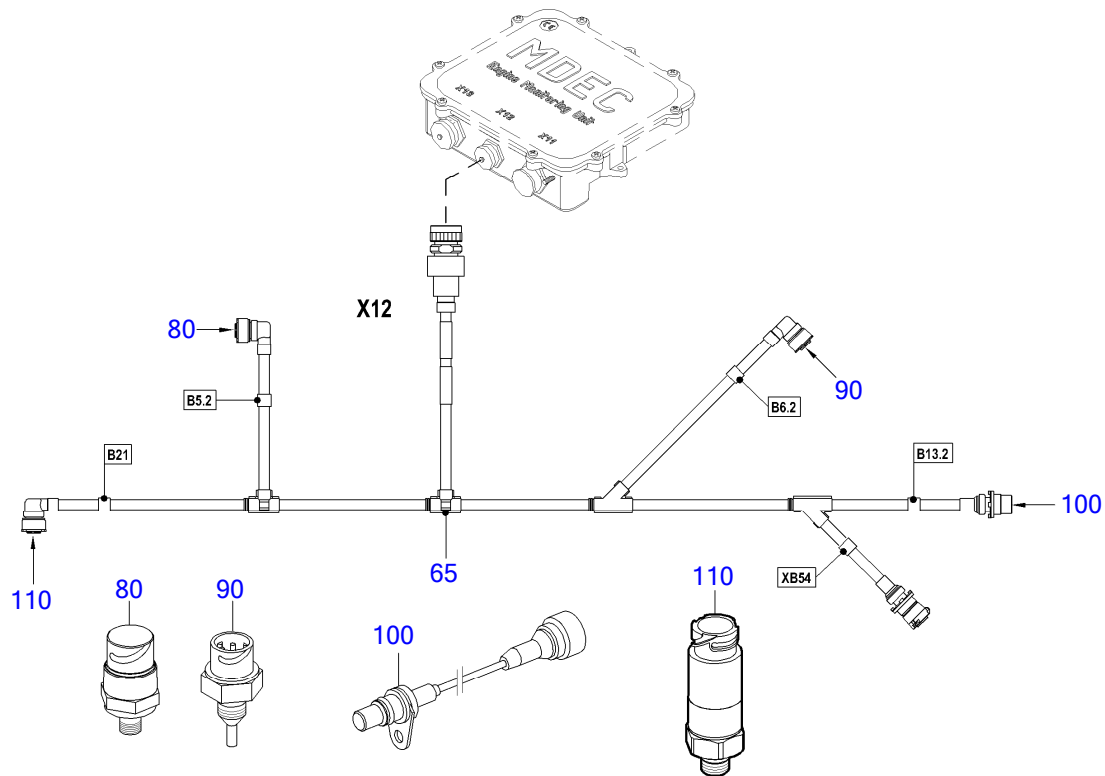
PRODUCT TYPE: 8V2000M41A
SENSOR AND CABLING

SERIAL NUMBER: 531101840

FG/FGS: 507 98

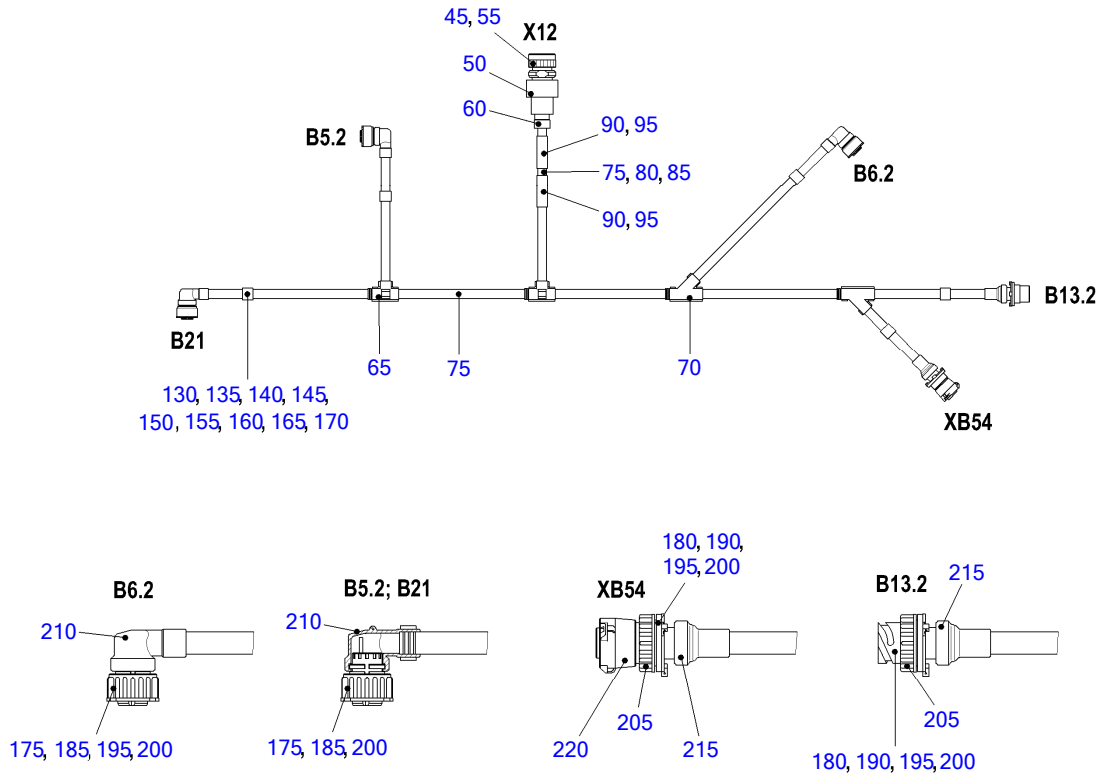
BOM-No.: 500.00420

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	340	X00E50203667	LEVEL MONITOR	BEDIA CLS-50, OELSONDE	1	PC	97.000 g	AB	OELSONDE, DYN.UB-VERHALTEN	
	345	007603018101	COPPER SEALING RING		1	PC	1.300 g		A 18 X 22	DIN7603
	351	X00E50210377	TEMPERATURE SENSOR	PT100 ABGAS	1	PC	0.194 kg	EM	M14X1,5 ET=58MM KL=1M	
	352	007603014103	WASHER A		1	PC	0.800 g	AB	A 14 X 18	DIN7603
	370	X00E50210377	TEMPERATURE SENSOR	PT100 ABGAS	1	PC	0.194 kg	EM	M14X1,5 ET=58MM KL=1M	
	375	007603014103	WASHER A		1	PC	0.800 g	AB	A 14 X 18	DIN7603



50700870a

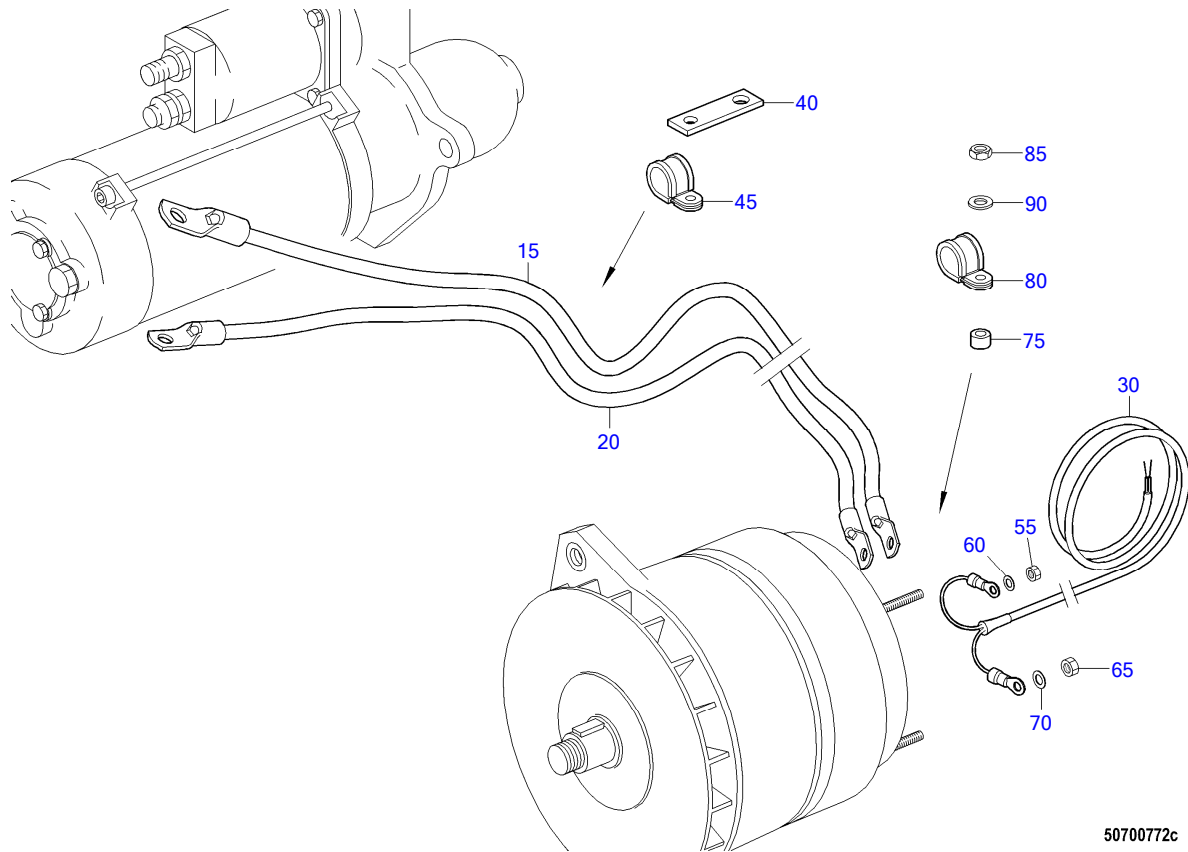
☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
	197	65	5365305221	WIRING HARNESS FOR ON-ENGINE SENSO	8V2000 M60-90	1	PC	579.900 g	SENS. EMU/RADOX
		80	0035352531	PRESSURE SENSOR		1	PC	75.000 g EM	M14X1,5,SW= 27, 0-10BAR_RELATIV
		90	0005356430	TEMPERATURE SENSOR	PT1000	1	PC	50.000 g EM	M14X1,5, L=29, STECKER DIN72585,
		100	0005357433	SPEED SENSOR	BR2000;KW/NW;	1	PC	85.000 g AB EM	D=19X37,6,KABELL.=750MM,
		110	X00E50208386	PRESSURE SENSOR	0 - 6 BAR REL., EPN	1	PC	125.000 g AB	M14X1,5 SW=27 KERAMIK



50700792a

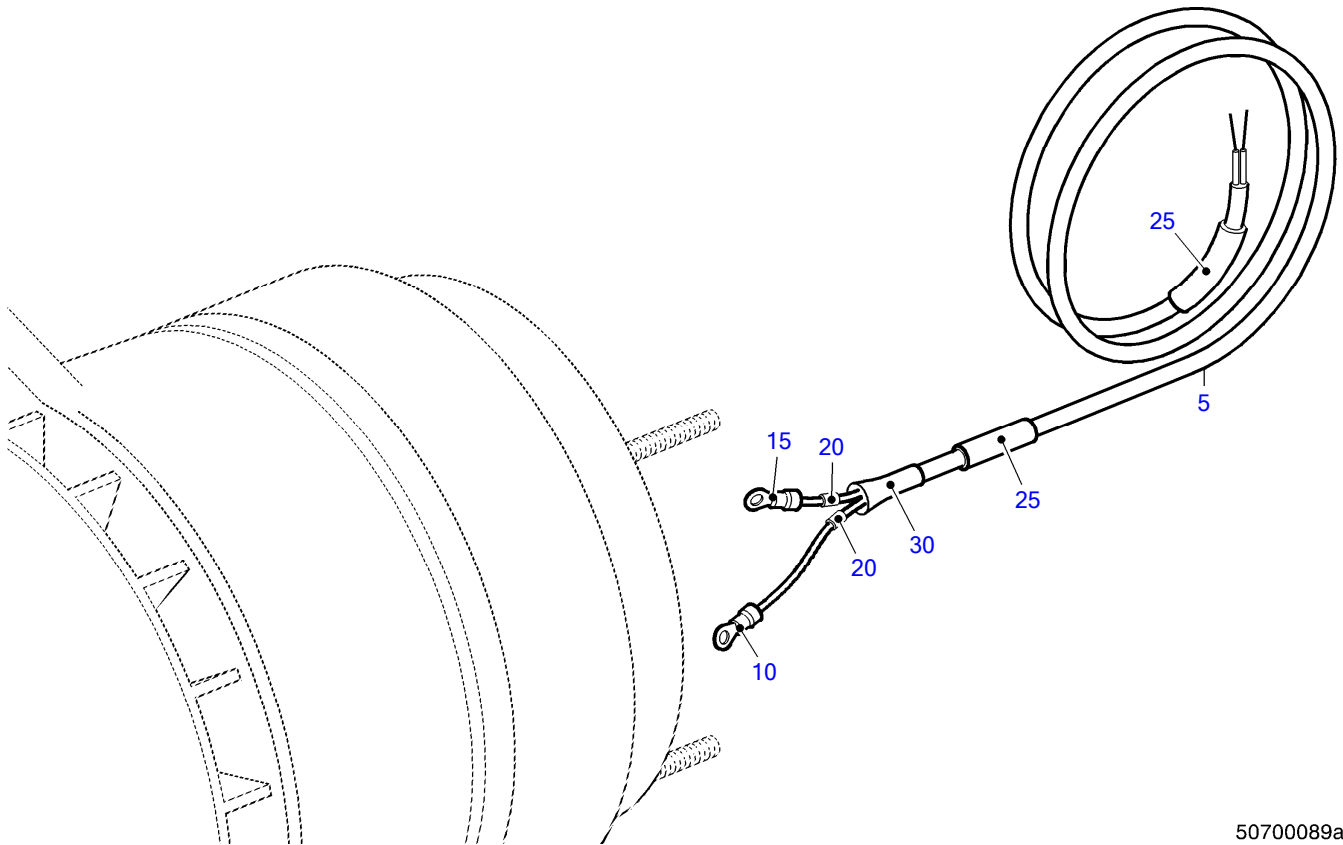
POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT g	FN	MEASUREMENT	STANDARD
45	0165316083	MALE CONNECTOR	KPSE06A16-26PY-S	1	PC	39.000 g	AB	GR.16, 26-POL. Y PIN 1QMM	VG95328
50	0005335843	THREAD ADAPTER FOR CORRUGATED PIPE	FUER VG-/CA-/MIL 18	1	PC	11.900 g	KE	IG=1"-20 / NW17 / IP68	
55	0005455083	PLUG		13	PC	1.000 g			
60	0005336143	REDUCER FOR CORRUGATED PIPE	ROHRAUFSATZ NW 17-10	1	PC	8.000 g	AB	ROHRAUFSATZ NW 17-10	
65	0005331443	PIPE		2	PC	4.400 g		T-ABZWEIG 10-10-10	
70	0005331143	PIPE JOINT		2	PC	5.800 g		Y-ABZWEIG 10-10-10	
75	0005337043	PIPE	359.	5,300	M	23.000 g		WELLROHR NW10	
80	0095318880	CABLE	RADDOX 155S RW VERDRILLT	4,300	M	11.200 g		1X2X0,5QMM / WS / NUMMERIERT	
85	0095318980	CABLE	RADOX 155S RW VERDRILLT	8,000	M	16.900 g		1X3X0,5QMM / WS / NUMMERIERT	
90	0035337089	IDENTIFICATION PLATE	ELAT	2	PC	1.400 g		47X135MM, BEDRUCKBAR 47X25MM	
95	0001592283	SHRINKABLE HOSE	SSCHL. 32/8-0 SW	2	PC	4.900 g		32MM DURCHM. X50MM LG.	
130	700461105001	MARKER SLEEVE		5	PC	0.900 g		5/B	MMN461
135	700461105023	MARKER SLEEVE		1	PC	0.800 g		5/X	MMN461
140	700461105028	MARKER SLEEVE		3	PC	0.700 g		5/.	MMN461
145	700461205001	MARKER SLEEVE		2	PC	0.800 g		5/1	MMN461
150	700461205002	MARKER SLEEVE		4	PC	0.700 g		5/2	MMN461
155	700461205003	MARKER SLEEVE		1	PC	0.700 g		5/3	MMN461
160	700461205004	MARKER SLEEVE		1	PC	0.700 g		5/4	MMN461
165	700461205005	IDENTIFICATION MARKER		2	PC	0.700 g		5/5	MMN461
170	700461205006	IDENTIFICATION MARKER		1	PC	0.700 g		5/6	MMN461

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	175	0165313283	BUSH HOUSING FOR CRIMP CONTACT	STECKER F. BU-KONTAKTE 2,5MM	3	PC	11.500 g		4POL. CODE 1 / DIN 72585 BU	
	180	0165313883	CONNECTOR HOUSING FOR CRIMP CONTACT	STECKER F. ST-KONTAKT 2,5MM	2	PC	13.300 g		4POL. CODE 1 / DIN 72585 ST	
	185	0165313383	FEMALE CONTACT FOR BUSH HOUSING	BUCHSE CUNISI VERZINNT	10	PC	0.500 g		0,5-1,0 MM ² / D=2,5MM	
	190	0165313983	PIN CONTACT F.CONNECTOR HOUSING	STIFT CUNISI VERZINNT	5	PC	0.300 g		0,5-1,0MM ² / D=2,5MM	
	195	0165313583	BLANKING PLUG	BLINDSTOPFEN	5	PC	0.100 g		SYSTEM 2,5MM / 2,8MM	
	200	0165313483	SINGLE-CORE INSUL	EINZELADERABDICHTUNG	15	PC	0.120 g		1,2-2,1MM ² / 2,5MM / DIN72585	
	205	0165314683	MOUNTING RING F.CONNECTOR HOUSING	BEFESTIGUNGSRING FÜR PIN-ST.	2	PC	2.800 g		2-7POL. / DIN 72585 / BAJO	
	210	0165313683	ADAPTER FOR CORRUGATED PIPE		3	PC	5.600 g		GR.B NW10 90GRD/HDSCS	
	215	0165313783	ADAPTER FOR CORRUGATED PIPE		2	PC	4.300 g		GR.B NW10 180 GRAD/HDSCS	
	220	0165314383	DUST CAP F.CONNECTOR HOUSING	SCHUTZKAPPE FÜR PIN-STECKER	1	PC	7.000 g		2-7POL. / DIN 72585	



50700772c

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	15	5365300933	CABLE W/MALE CONNECTOR	8V2000 M	1	PC	130.000 g	AB	L	
	20	5365300233	CABLE W/MALE CONNECTOR	8V2000	1	PC	126.300 g	AB	L	
199	30	5365300733	CABLE FOR GENERATOR	BR2000	1	PC	1.295 kg		2X2,5MM / 10M	
	40	5500784541	BRACKET FLAT H:06		1	PC	35.200 g			
	45	916016012200	CLAMP		1	PC	10.000 g		BRSGU 12/15	N16016
	55	000934005004	NUT HEX		1	PC	1.000 g		M 5	DIN934
	60	007349005002	WASHER		2	PC	2.300 g		5,3	DIN7349
	65	000934006006	NUT HEX		2	PC	2.200 g		M 6	DIN934
	70	000125006431	WASHER		3	PC	0.800 g		A 6,4	DIN125
	75	5512030150	SPACER BUSHING		2	PC	5.600 g			
	80	916016018201	CLAMP		1	PC	15.000 g		BRSGU 18/15	N16016
	85	000934008008	NUT HEX		1	PC	4.600 g		M 8	DIN934
	90	000125008427	WASHER		3	PC	1.500 g		A 8,4	DIN125

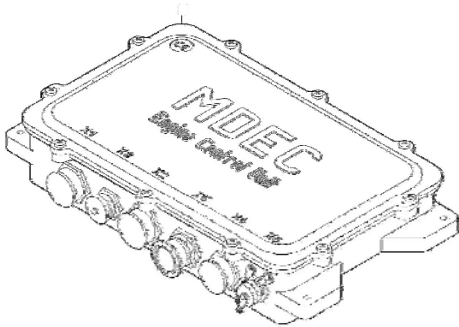


50700089a

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
	5	0105310980	CABLE	2X2,5	10,000	M	130.000 g	AB	2X2,5QMM
	10	0001591779	CABLE SHOE		1	PC	1.000 g		1-2,6QMM/M5
	15	0001595879	CABLE LUG		1	PC	1.500 g		M6, 1,0-2,6 MM², BLAU
	20	X00E50209110	PLATE F.CONDUCTOR MARKING		2	PC	0.100 g		40X12MM
	25	0035337089	IDENTIFICATION PLATE	ELAT	2	PC	1.400 g		47X135MM, BEDRUCKBAR 47X25MM
	30	0001591983	SHRINKABLE HOSE	SSCHL. 24/6-0 SW	1	PC	2.900 g		24 MM DURCHM. X50MM LG.

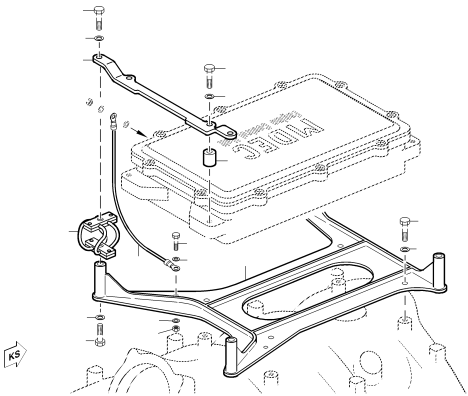
GROUP SEGMENT (FGS)
GROUP NAME
BOM-No.

10
GOVERNOR IN HOUSING
510.00333



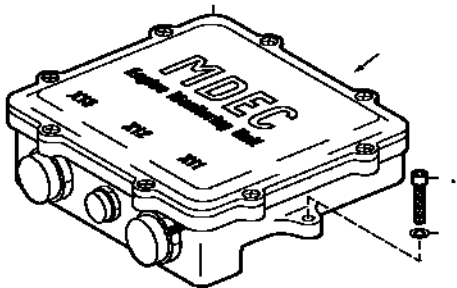
10/000000002_209

82
RETAINER FOR ECU AND EMU
500.00426

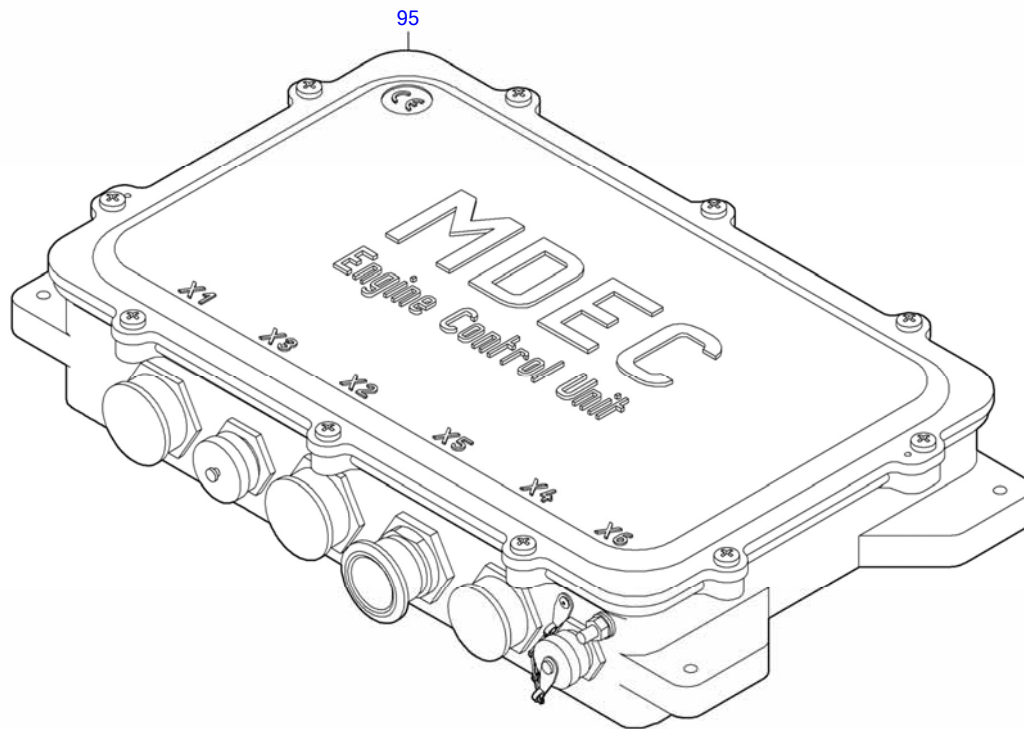


50700038a

95
ENGINE MONITOR IN HOUSING
510.00393

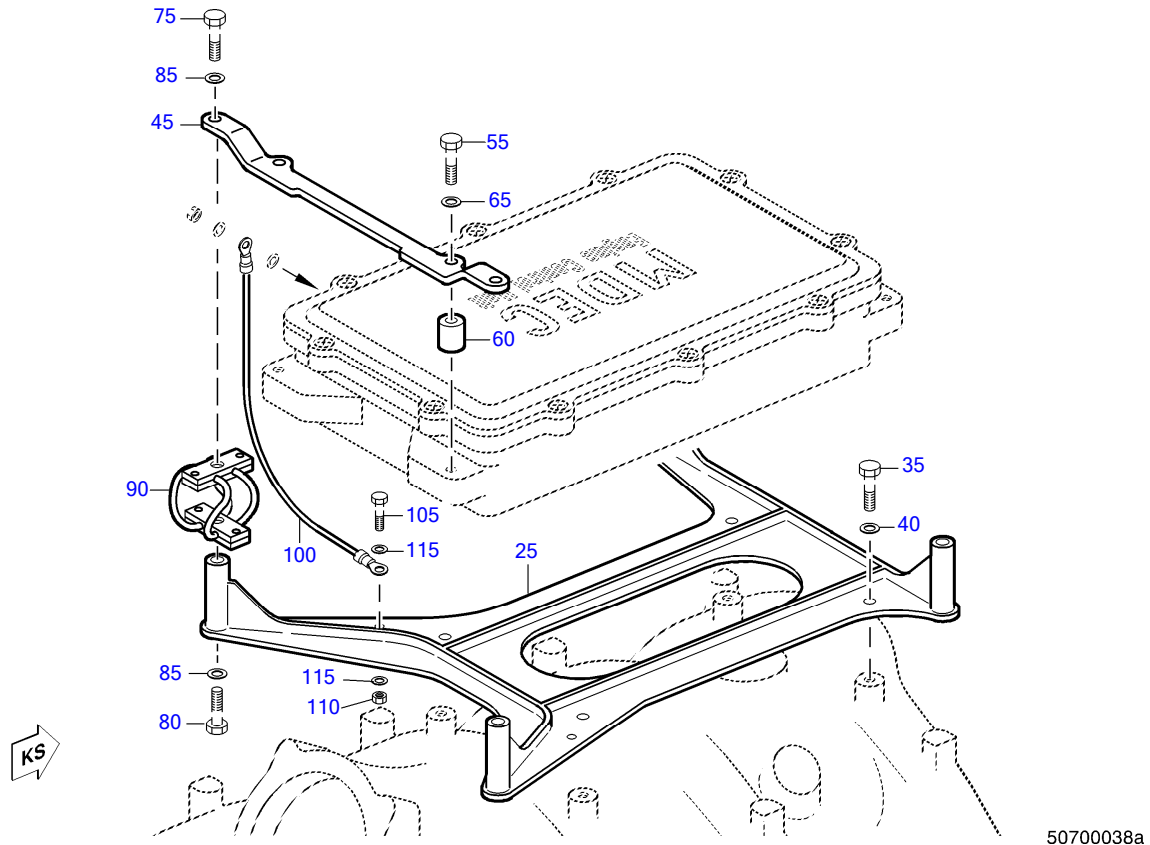


95
SOFTWARE FOR GOVERNOR
BK00E500.111882-01



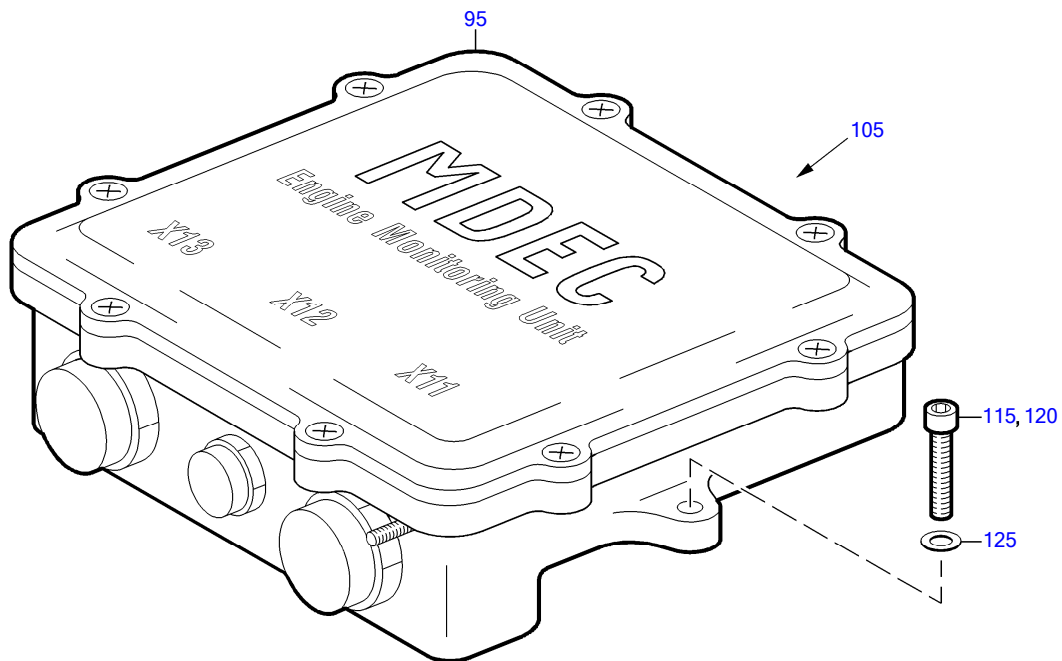
TD0000005302_508

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
	95	X00E50211110	GOVERNOR	ECU4-07/B	1	PC	7.136 kg	EM	455X277X91 (LXBXH)



50700038a

☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	25	5311500076	BASE PLATE	8V2000	1	PC	3.679 kg			
	35	304017008079	HEX SCREW		4	PC	11.700 g	M 8 X 20		ISO4017
	40	000125008427	WASHER		4	PC	1.500 g	A 8,4		DIN125
	45	5361531140	RETAINER	16V2000M	2	PC	260.000 g			
	55	304017008085	HEX SCREW		4	PC	18.000 g	M 8 X 40		ISO4017
	60	5564910150	BUSHING		4	PC	42.900 g			
	65	000125008427	WASHER		4	PC	1.500 g	A 8,4		DIN125
	75	304017008079	HEX SCREW		4	PC	11.700 g	M 8 X 20		ISO4017
	80	304014008032	HEX SCREW		4	PC	34.100 g	M 8 X 80		ISO4014
	85	000125008427	WASHER		8	PC	1.500 g	A 8,4		DIN125
	90	0005337154	DAMPER ELEMENT	KS5 03-02 G2	4	PC	90.000 g	AB		
	100	0005461220	EARTHING STRIP		1	PC	13.400 g		QUERSCHNITT 6QMM, LAENGE 200MM	
	105	000933006175	HEX SCREW		1	PC	5.300 g	M 6 X 16		DIN933
	110	000934006006	NUT HEX		1	PC	2.200 g	M 6		DIN934
	115	000125006431	WASHER		2	PC	0.800 g	A 6,4		DIN125



50800440a


☐	POS.	PART NO.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT	STANDARD
	95	X00E50210456/S0001	ENGINE MONITORING	EMU 1-02	1	PC	3.314 kg		EMU 1-02 PROGRAMMIERT	
	105	0005304334	GROUND STRAP		1	PC	29.000 g	AB	QUERSCHNITT10QMM, LAENGE 300M	
	115	000912006044	BOLT HEX SOC HD		1	PC	9.200 g		M 6 X 35	DIN912
	120	000912006018	SCREW		2	PC	6.200 g		M 6 X 20	DIN912
	125	000125006431	WASHER		3	PC	0.800 g		A 6,4	DIN125

EQUI TYPE: Engine

PRODUCT TYPE: 8V2000M41A
SOFTWARE FOR GOVERNOR

SERIAL NUMBER: 531101840

FG/FGS: 508 95
BOM-No.: BK00E500.111882-01

	POS.	DESIGNATION	MODEL/TYPE	QTY.	UNITS	WEIGHT	FN	MEASUREMENT
	40	SOFTWARE FOR GOVERNOR	ECU_APS	1	PC	0.100 g	KE EM	KONFIGURATION DATENSATZ