

ARION 540-510 (A18)



SN A1800050 - A1899999

Parts Catalog

Tractor

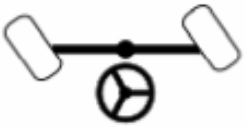
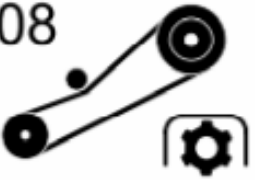


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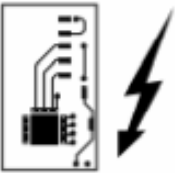
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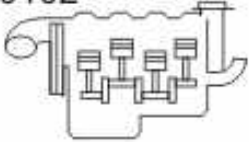
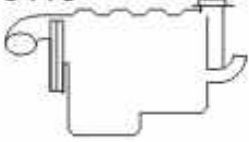
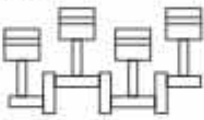
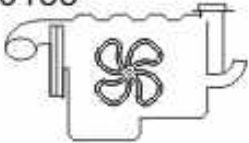
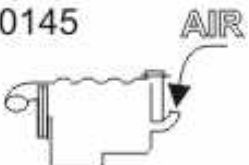
ARION 540-510

Picture	Description
01 	01 ENGINE
02 	02 GEARBOX / CLUTCH / UNIVERSAL DRIVE SHAFT
03 	03 CHASSIS
04 	04 BRAKE
05 	05 STEERING
06 	06 LIFT DEVICE
07 	07 HITCH
08 	08 DRIVES
09 	09 HYDRAULIC SYSTEM

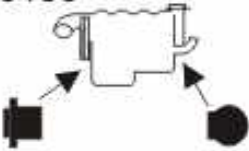
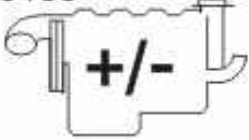
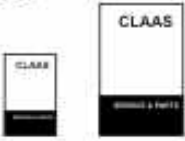
ARION 540-510

Picture	Description
10 	10 ELECTRICAL / ELECTRONIC EQUIPMENT
12 	12 CAB / OPERATOR'S PLATFORM
80 	80 VARIOUS COMPONENTS / MACHINE BODY

01 ENGINE

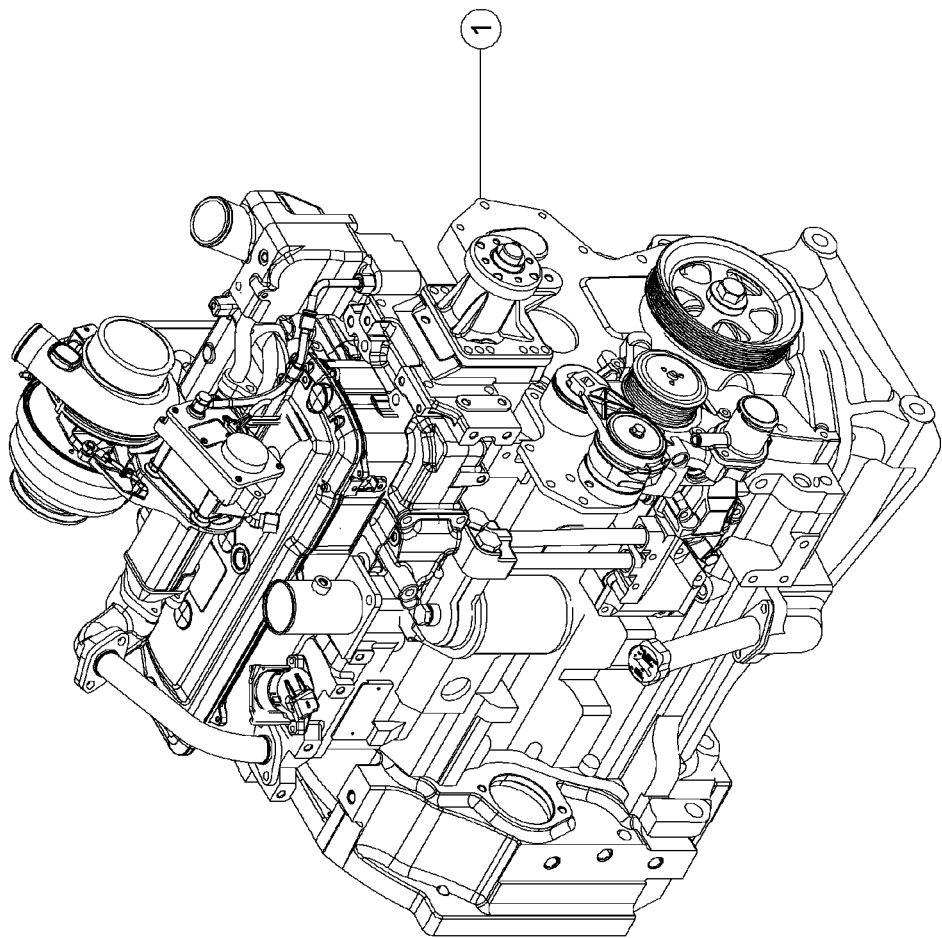
Picture	Description
0102 	02 COMPLETE COMPONENT
0110 	10 ENGINE HOUSING
0115 	15 ENGINE UNIT
0120 	20 CYLINDER HEAD / VALVES / IDLER GEAR
0125 	25 INJECTION - / FUEL SYSTEM
0130 	30 LUBRICATING OIL SYSTEM
0135 	35 COOLING SYSTEM
0140 	40 EXHAUST SYSTEM
0145 	45 AIR INTAKE

01 ENGINE

Picture	Description
0150 	50 ENGINE ATTACHMENT PARTS
0155 	55 ENGINE CONTROL
0190 	90 ACCESSORIES

02 COMPLETE COMPONENT

Picture	Description	Drawing number	BGZ	Conditions
	010 COMPLETE ENGINE	01020101A	0102010	

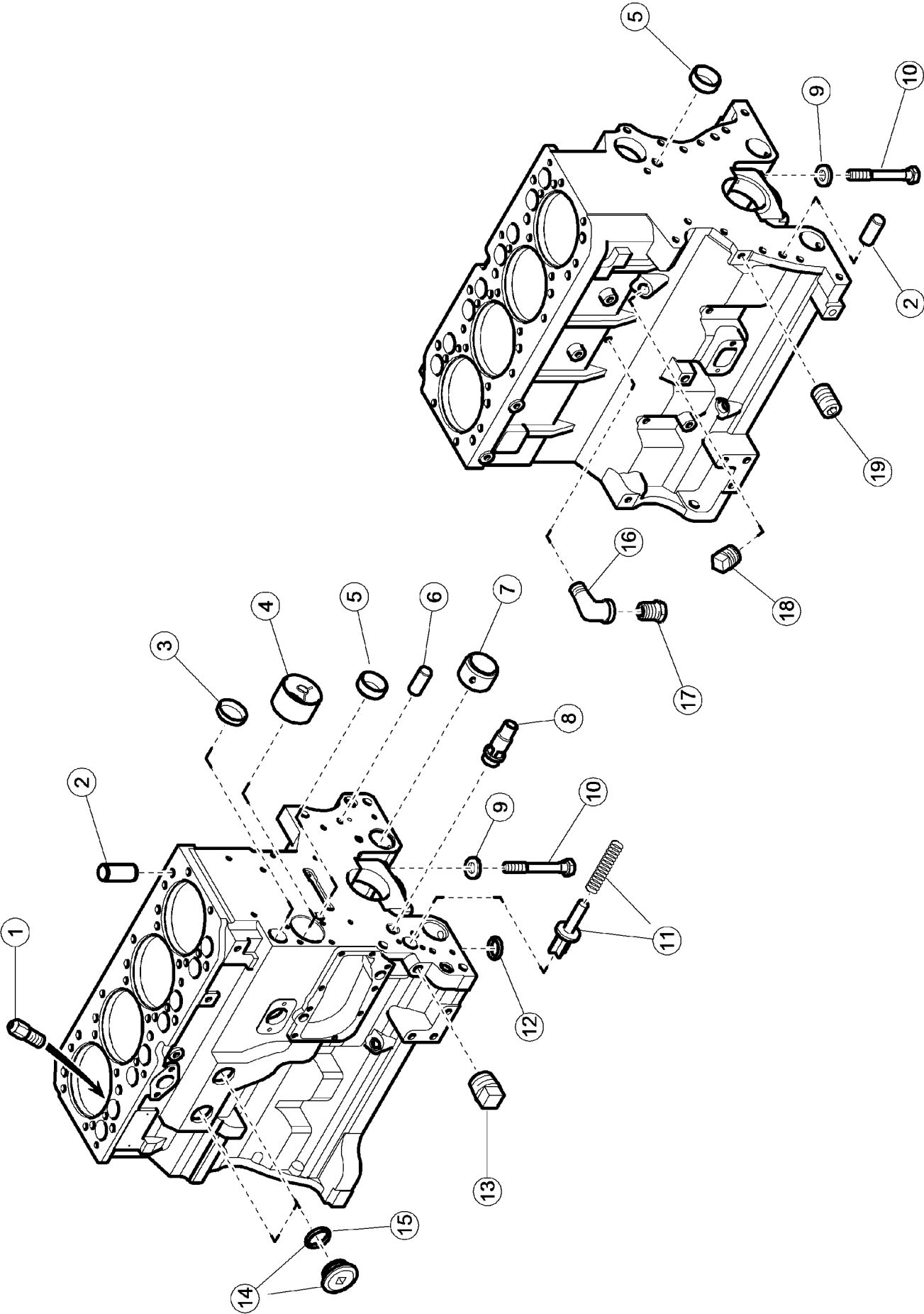


010 COMPLETE ENGINE

Pos.	Part No.	Description	Dimension	Quantity	Conditions
1	00 1106 730 0	ENGINE		1	1)
1	00 1106 731 0	ENGINE		1	2)
1	00 1106 732 0	ENGINE		1	3)
1	00 1106 733 0	ENGINE	115 KW	1	4)
1)	Homologationtype		+ 1804		
2)	Homologationtype		+ 1814		
3)	Homologationtype		+ 1824		
4)	Homologationtype		+ 1834		

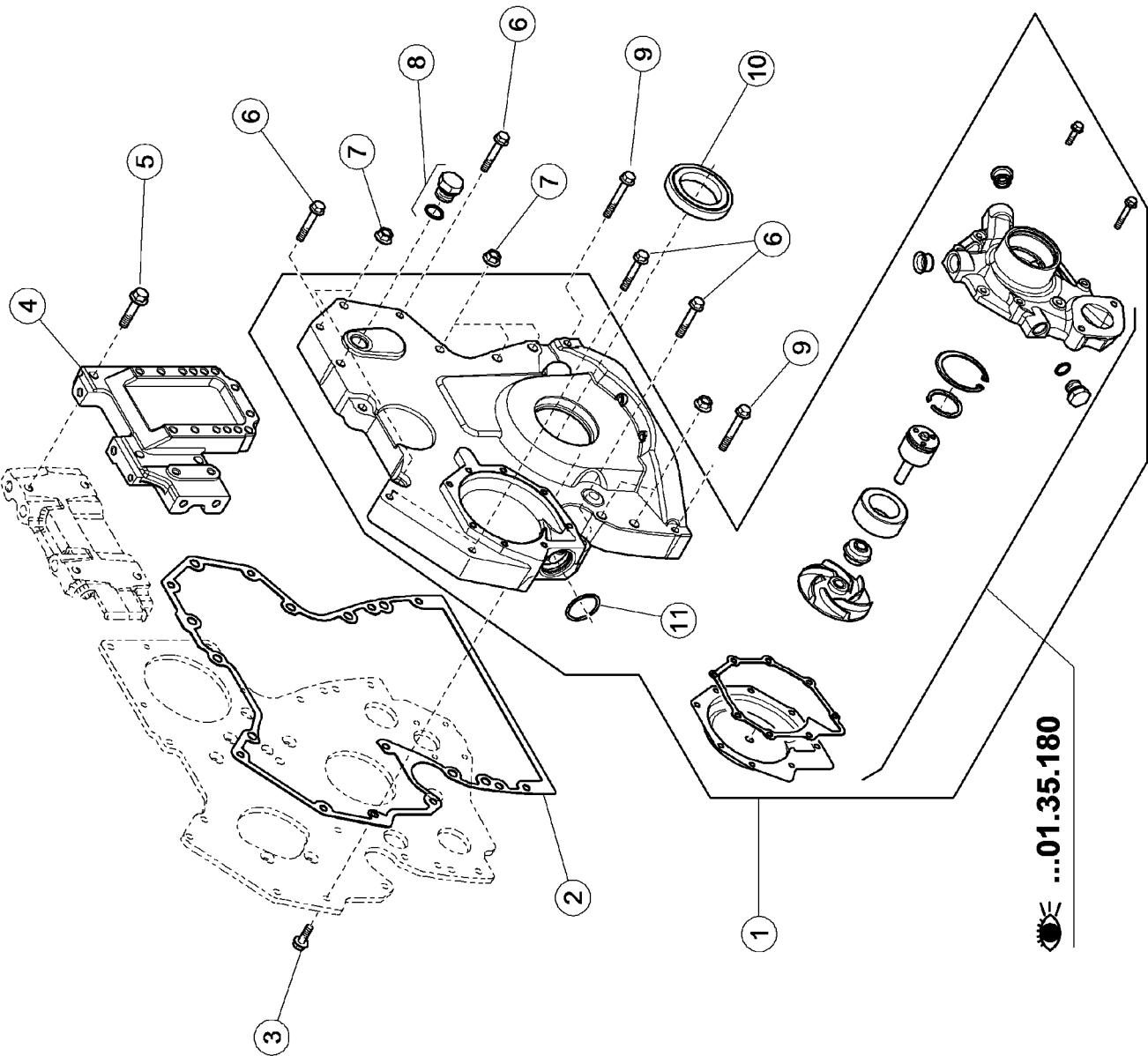
10 ENGINE HOUSING

Picture	Description	Drawing number	BGZ	Conditions
	100 CRANKCASE	01101001A	0110100	
	120 TIMING CASE	01101201A	0110120	
	140 FLYWHEEL HOUSING	01101401A	0110140	
	160 OIL PAN	01101601A	0110160	
	180 PLUGS	01101801A	0110180	



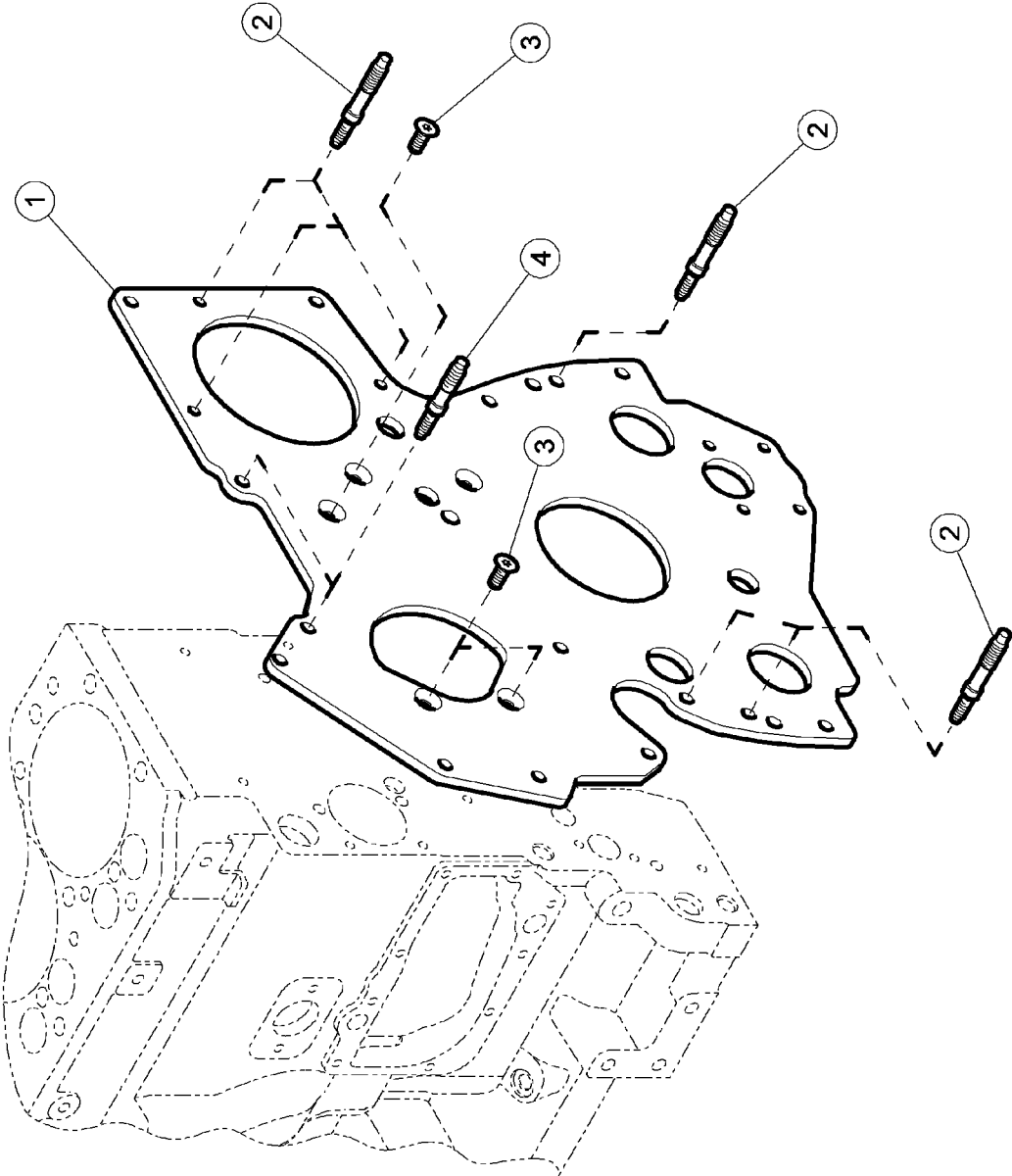
100 CRANKCASE

Pos.	Part No.	Description	Dimension	Quantity	Conditions
1	60 0502 143 6	SPRAY NOZZLE		4	
2	60 0501 317 4	LOCATING PIN		4	
3	60 0502 143 9	BLANKING COVER		1	
4	60 0501 294 1	BEARING		1	
5	60 0501 319 8	BLANKING COVER		2	
6	60 0501 319 6	LOCATING PIN		2	
7	60 0502 593 1	RING		6	
8	60 0502 869 1	VALVE		1	
9	60 0502 143 7	WASHER	13X22X2,5	10	
10	00 1146 931 0	SET OF SCREWS		10	
11	60 0501 402 9	VALVE		1	
12	60 0501 320 3	O-RING	15,47X3,53	1	
13	60 0501 597 1	LOCK		1	
14	60 0502 905 2	LOCK		1	
15	60 0501 938 3	O-RING	37,77X2,62	1	
16	00 1166 444 0	ELBOW CONNECTOR		1	
17	60 0502 665 3	LOCK		1	
18	60 0501 321 0	LOCK		1	
19	00 1141 206 0	PLUG		5	



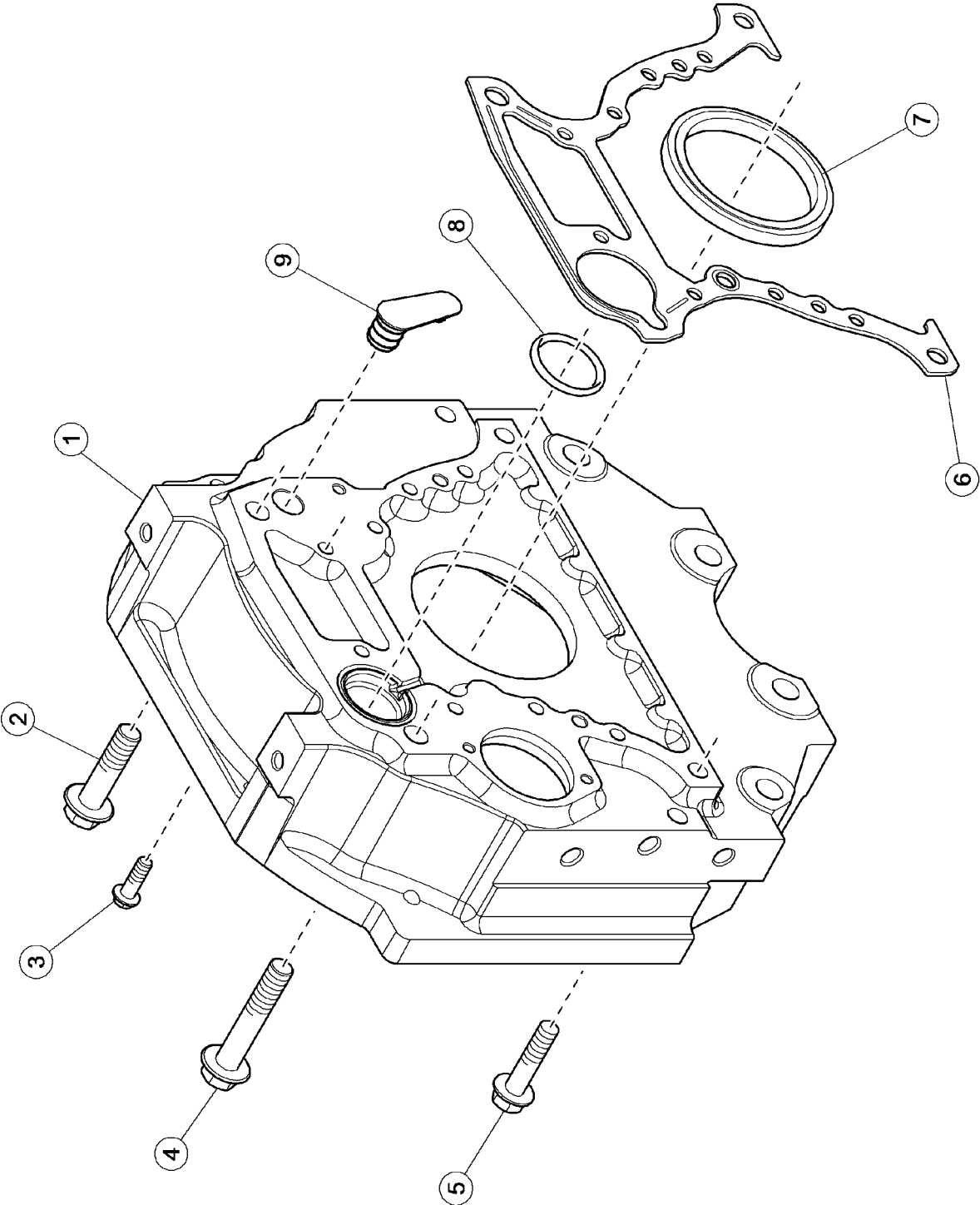
120 TIMING CASE

Pos.	Part No.	Description	Dimension	Quantity	Conditions
1	00 1162 415 0	BOX		1	
2	00 1162 416 0	FLAT SEAL		1	
3	60 0502 145 6	SCREW	M8X25	1	
4	00 1132 471 0	SUPPORT		4	
5	60 0502 716 2	SCREW	M10X45-LH	4	
6	60 0502 593 6	SCREW	M8X50	5	
7	60 0502 144 9	NUT	M10	9	
8	60 0502 160 3	LOCK	M22X1,5	1	
9	60 0502 145 0	SCREW	M08X60	3	
10	00 1169 885 0	GASKET		1	
11	60 0500 796 4	O-RING	37,69 X 3,53	1	



120 TIMING CASE

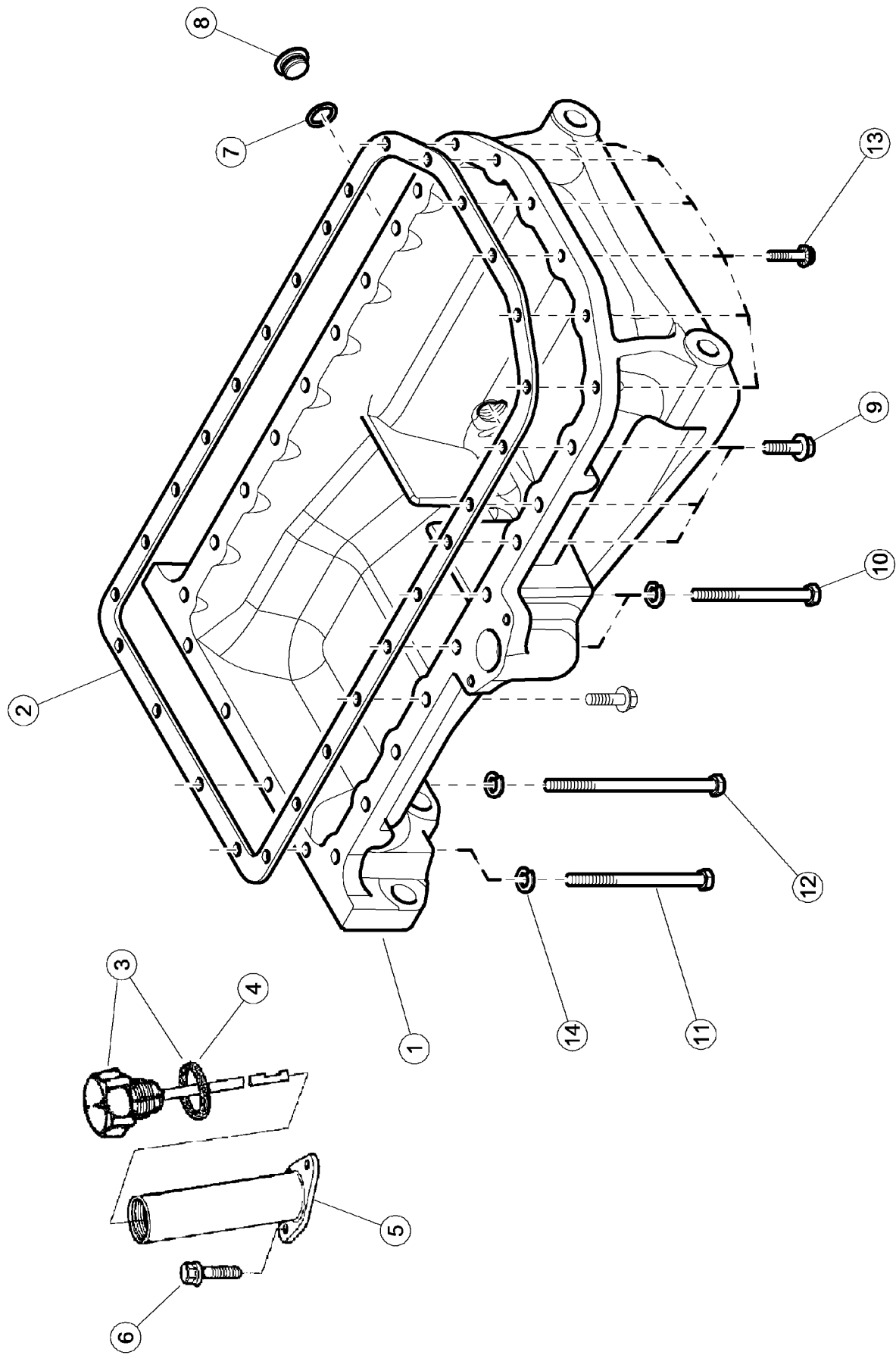
Pos.	Part No.	Description	Dimension	Quantity	Conditions
1	00 1170 801 0	PLATE		1	
2	00 1132 473 0	STUD BOLT		7	
3	60 0502 339 7	SCREW		5	
4	60 0502 339 8	STUD BOLT		2	



140 FLYWHEEL HOUSING

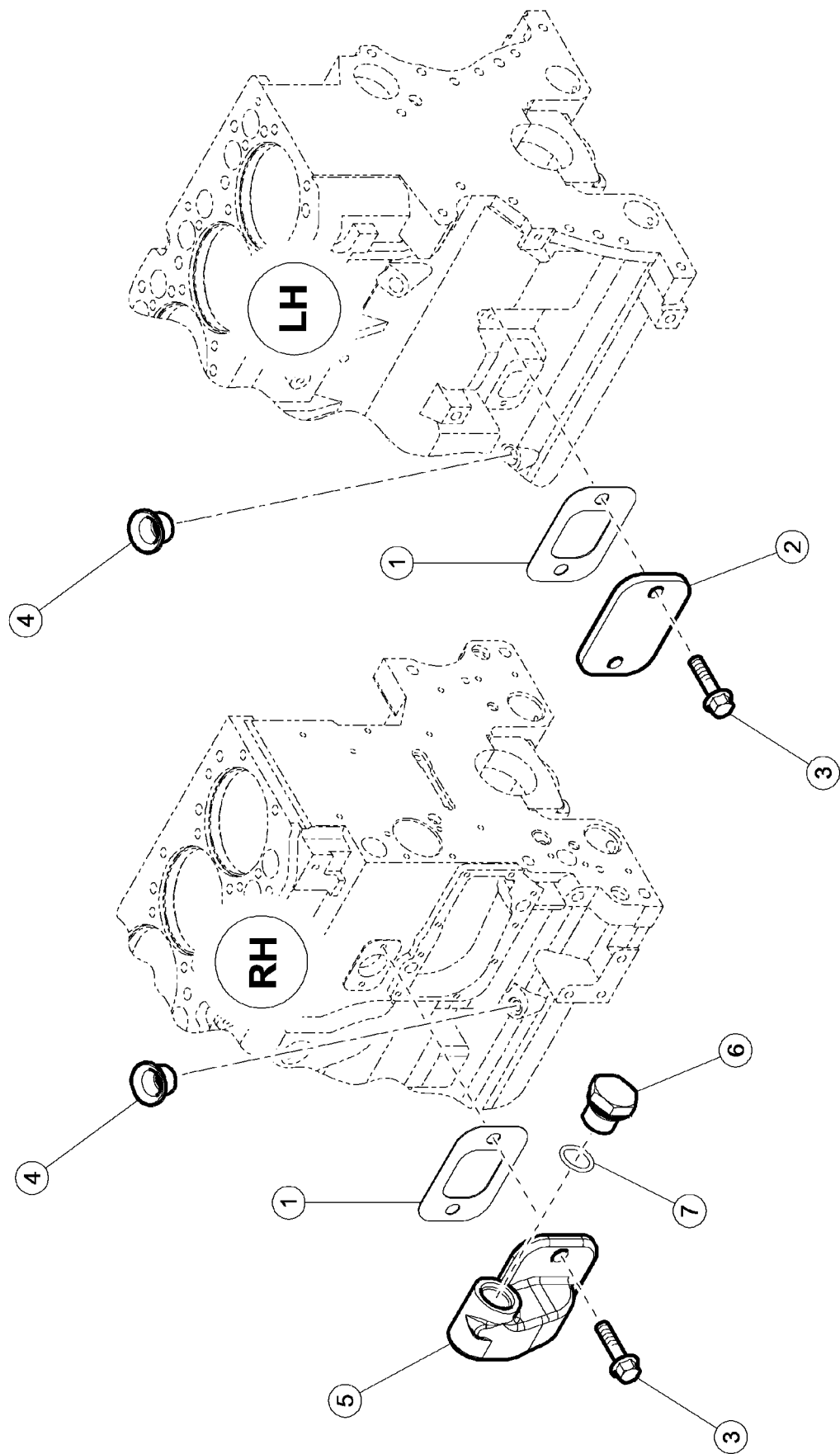
Pos.	Part No.	Description	Dimension	Quantity	Conditions
1	77 0006 967 3	BOX		1	
2	60 0502 146 5	SCREW		1	1)
3	60 0502 625 8	SCREW	12 X 1,75 -37 - M12X40	8	2)
4	60 0502 146 6	SCREW		1	3)
5	60 0502 777 3	SCREW	M16X60	2	
6	77 0005 577 1	GASKET		1	
7	60 0501 279 0	SHAFT SEAL	118X146X15	1	4)
8	60 0501 604 9	O-RING		1	
9	60 0501 278 6	BLANKING COVER		1	

1)	Remarks	M20X250-80
2)	Remarks	M12X175-38
3)	Remarks	M20X250-110
4)	Remarks	118X146X15



160 OIL PAN

Pos.	Part No.	Description	Dimension	Quantity	Conditions
1	60 0502 665 7	OIL SUMP		1	
2	60 0502 625 1	GASKET		1	
3	60 0501 361 0	LEVEL TRANSMITTER		1	
4	60 0501 334 6	O-RING		1	
5	60 0502 942 0	TUBE		1	
6	60 0502 145 6	SCREW	M8X25	2	
7	60 0501 211 0	GASKET		1	
8	00 1132 240 0	PLUG		1	
9	60 0502 165 4	SCREW	M10X35	16	
10	60 0502 147 1	SCREW		2	
11	77 0310 108 5	HEXAGON HEAD BOLT	M10X140-32	2	
12	77 0102 451 6	SCREW		2	
13	77 0101 759 2	SCREW	M08X35 VERBUS RIPP	6	
14	77 0305 501 3	WASHER	10	6	



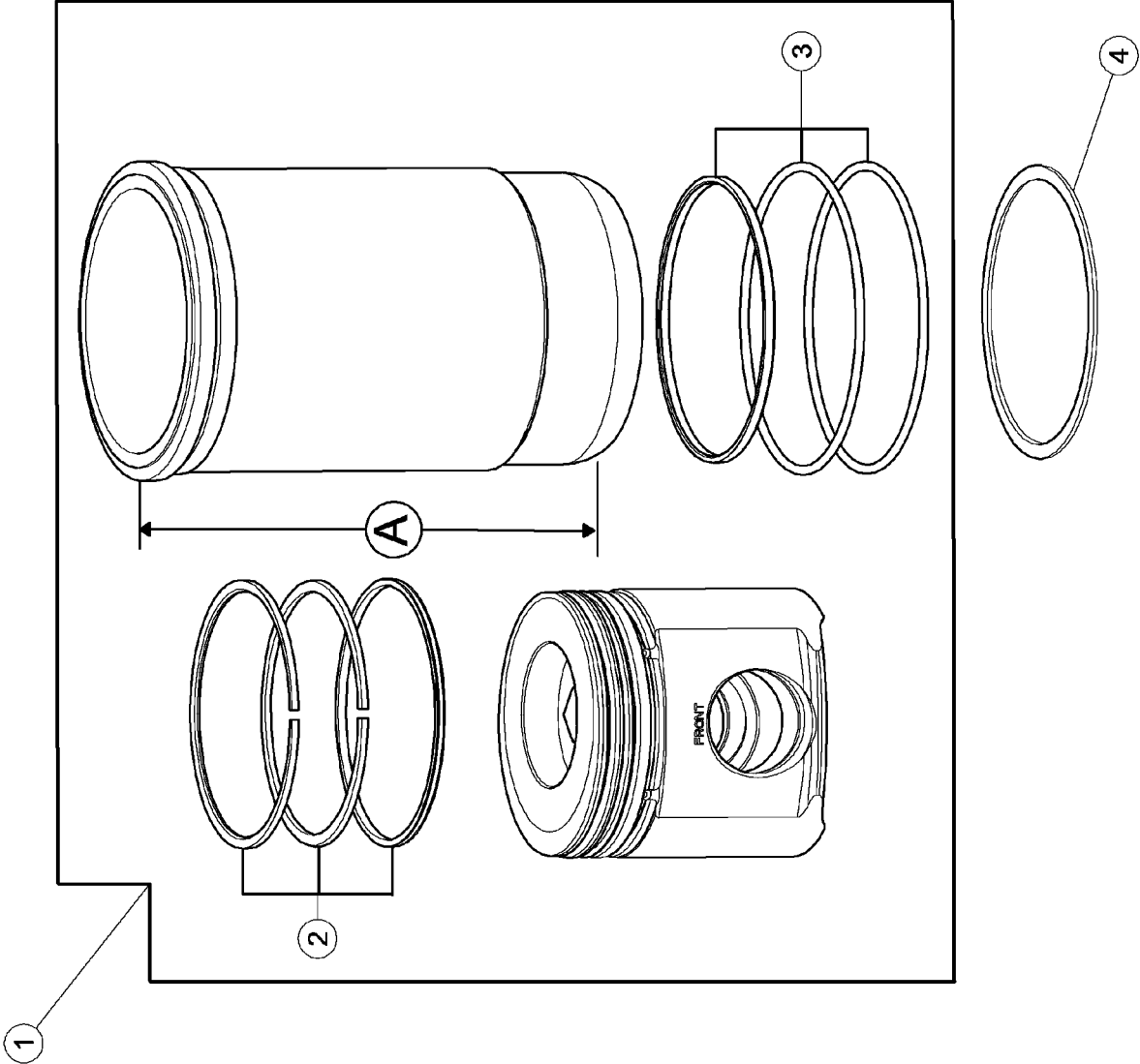
180 PLUGS

Pos.	Part No.	Description	Dimension	Quantity	Conditions
1	60 0502 470 4	GASKET		2	
2	60 0502 470 2	PLATE		1	
3	60 0502 149 8	SCREW	M8X20	4	
4	60 0502 662 4	LOCK		2	
5	00 1135 000 0	HEADER		1	
6	60 0502 160 7	SCREW PLUG	F-M18X1,5 ERS.D.7700054	1	
7	60 0502 160 8	O-RING	15,3X2,2-N	1	

15 ENGINE UNIT

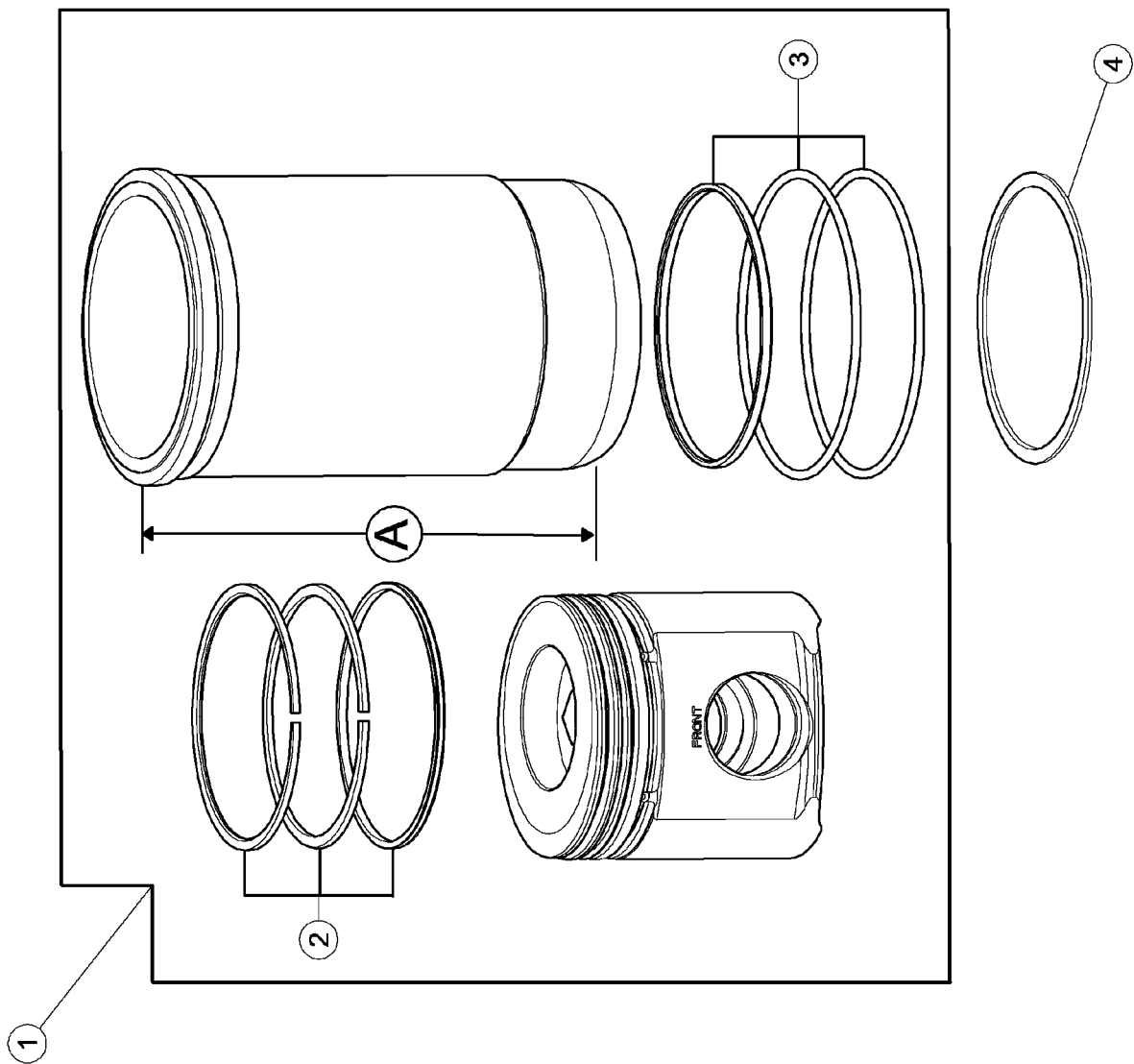
Picture	Description	Drawing number	BGZ	Conditions
	100 CYLINDER LINER, PISTON	01151001A	0115100	1)
	100 CYLINDER LINER, PISTON	01151001B	0115100	2)
	120 CONNECTING ROD, CONNECTING ROD BEARINGS	01151201A	0115120	
	140 CRANKSHAFT	01151401A	0115140	
	160 CRANKSHAFT PULLEY WHEEL	01151601A	0115160	3)
	160 CRANKSHAFT PULLEY WHEEL	01151601B	0115160	4)
	200 MASS BALANCING	01152001A	0115200	
	220 FLYWHEEL	01152201A	0115220	

1)	Homologationtype	+ 1834
2)	Homologationtype	+ 1804 + 1814 + 1824
3)	Equipment	TF_007_0010 Without front PTO
4)	Equipment	TF_007_0001 TF_007_0002 AVEC PRIDE DE FORCE AVANT. Front PTO with clockwise rotation -anti - clockwise front PTO



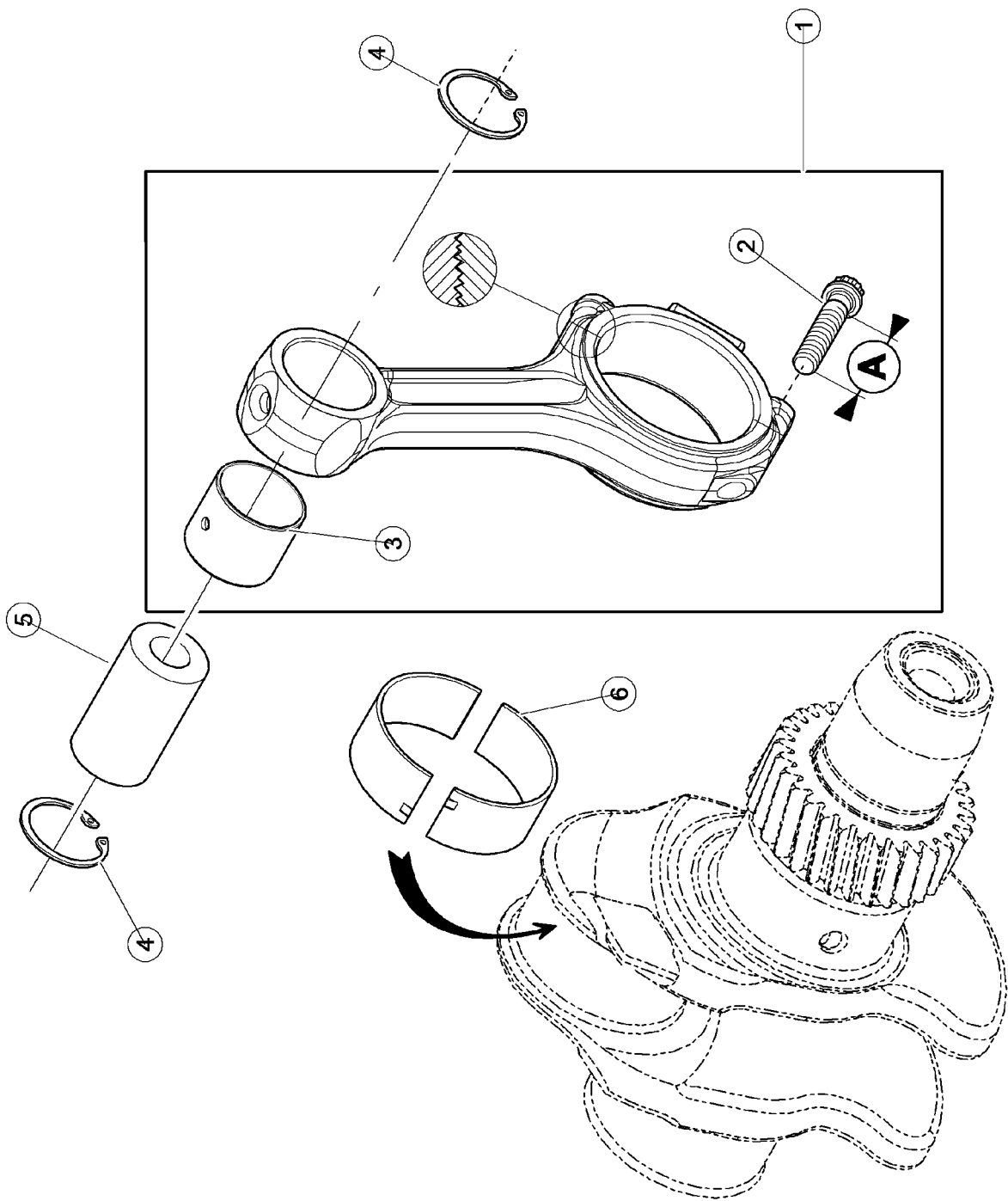
100 CYLINDER LINER, PISTON 1)

Pos.	Part No.	Description	Dimension	Quantity	Conditions
1	00 1132 479 0	CYLINDER/RAM		4	
2	00 1132 481 0	PISTON RING SET		4	
3	60 0501 280 9	SEALING RING SET		4	
4	60 0501 281 5	ADJUSTING DISC		4	2)
4	60 0501 281 6	ADJUSTING DISC		4	3)
1)	Homologationtype	+ 1834			
2)	Remarks	[SR] EP 0.05MM			
3)	Remarks	[SR] EP 0.10MM			



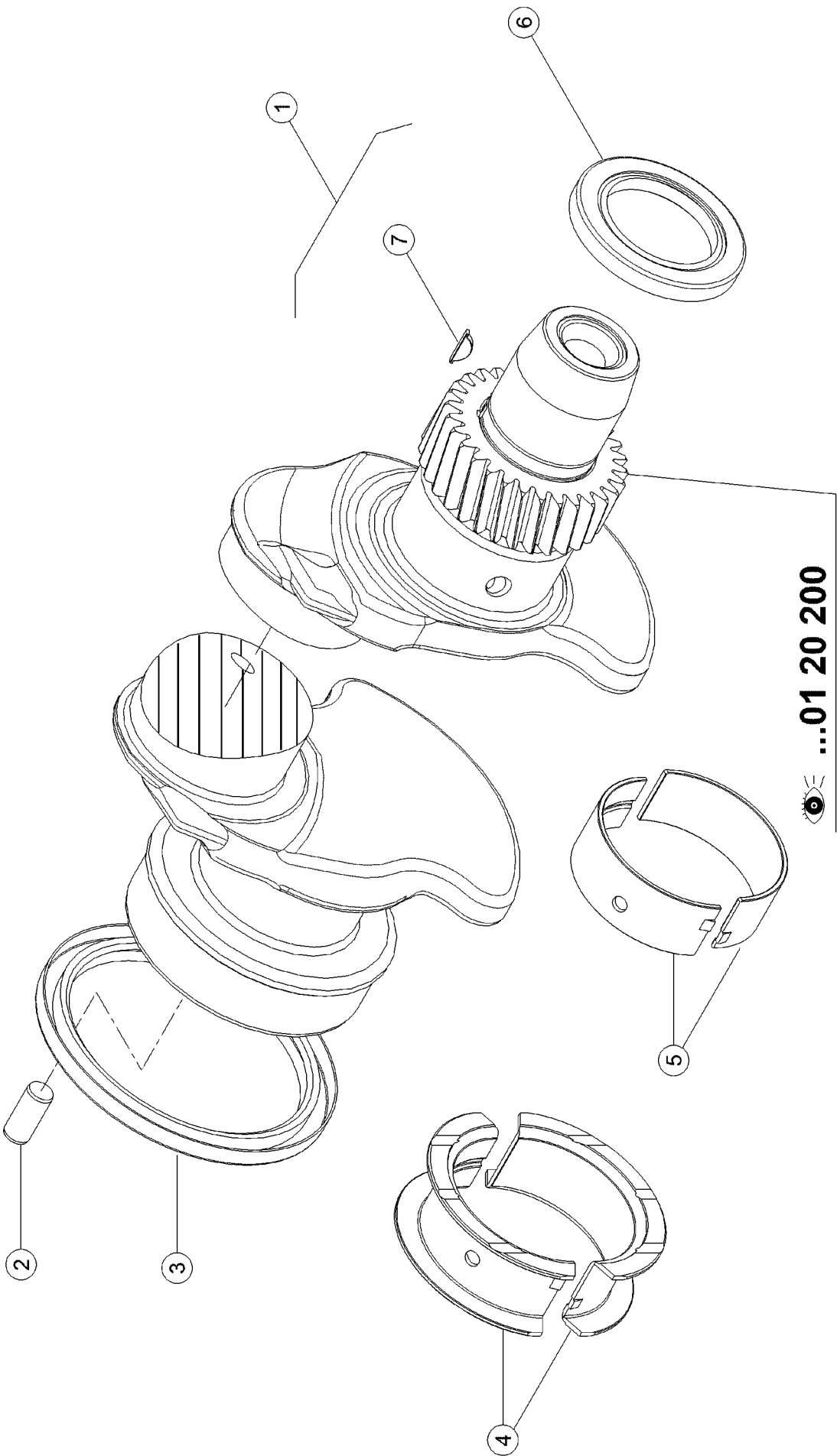
100 CYLINDER LINER, PISTON 1)

Pos.	Part No.	Description	Dimension	Quantity	Conditions
1	00 1132 478 0	PISTON-LINER		4	
2	00 1132 480 0	PISTON RING SET		4	
3	60 0501 280 9	SEALING RING SET		4	
4	60 0501 281 5	ADJUSTING DISC		4	2)
4	60 0501 281 6	ADJUSTING DISC		4	3)
1)	Homologationtype	+ 1804 + 1814 + 1824			
2)	Remarks	[SR] EP 0.05MM			
3)	Remarks	[SR] EP 0.10MM			



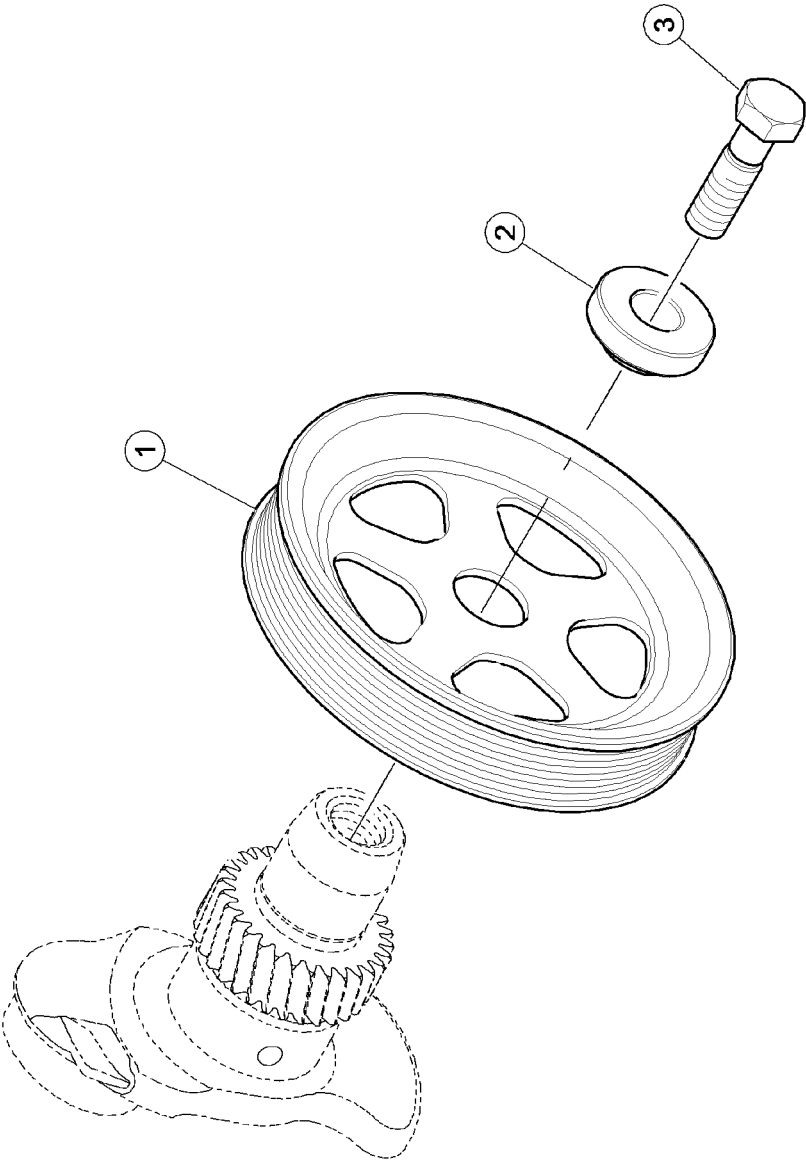
120 CONNECTING ROD, CONNECTING ROD BEARINGS

Pos.	Part No.	Description	Dimension	Quantity	Conditions
1	60 0502 453 6	CONNECTING ROD		4	
2	60 0502 453 7	SCREW	M12X1,25X61	8	
3	60 0502 147 6	RING		4	
4	60 0501 281 4	INNER CIRCLIP		8	
5	00 1132 482 0	AXLE		4	
6	60 0502 147 8	BEARING		4	
6	60 0502 147 9	BEARING		4	1)
1)	Remarks	-0.254MM			



140 CRANKSHAFT

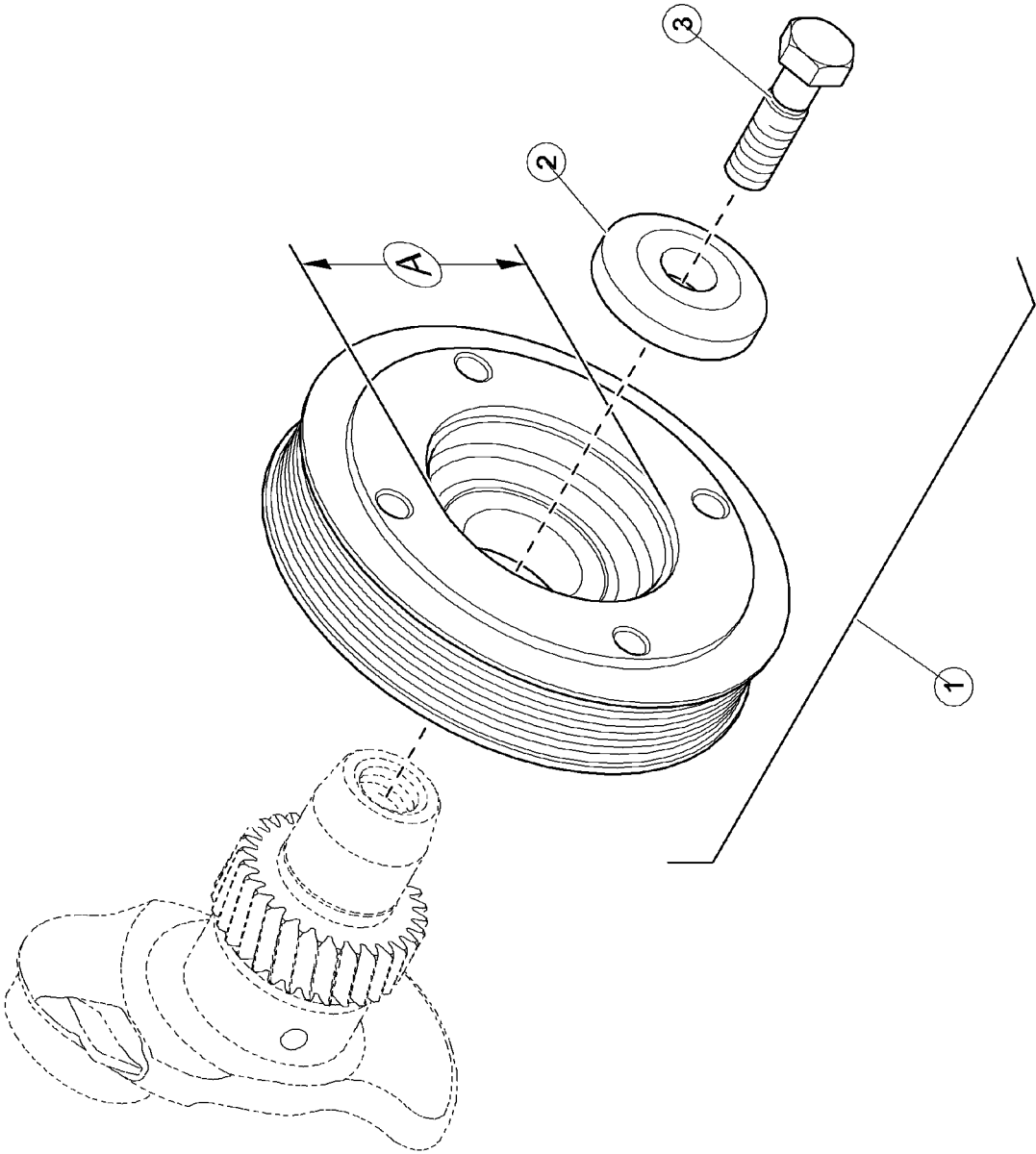
Pos.	Part No.	Description	Dimension	Quantity	Conditions
1	60 0503 090 7	CRANKSHAFT		1	
2	60 0501 317 4	LOCATING PIN		1	
3	60 0501 279 0	SHAFT SEAL	118X146X15	1	
4	60 0502 148 2	BEARING		1	1)
4	60 0502 148 1	BEARING		1	
5	60 0502 148 4	BEARING		4	1)
5	60 0502 148 3	BEARING		4	
6	00 1169 885 0	GASKET		1	
7	60 0502 869 1	VALVE		1	
1)	Remarks	-0.254MM			



160 CRANKSHAFT PULLEY WHEEL 1)

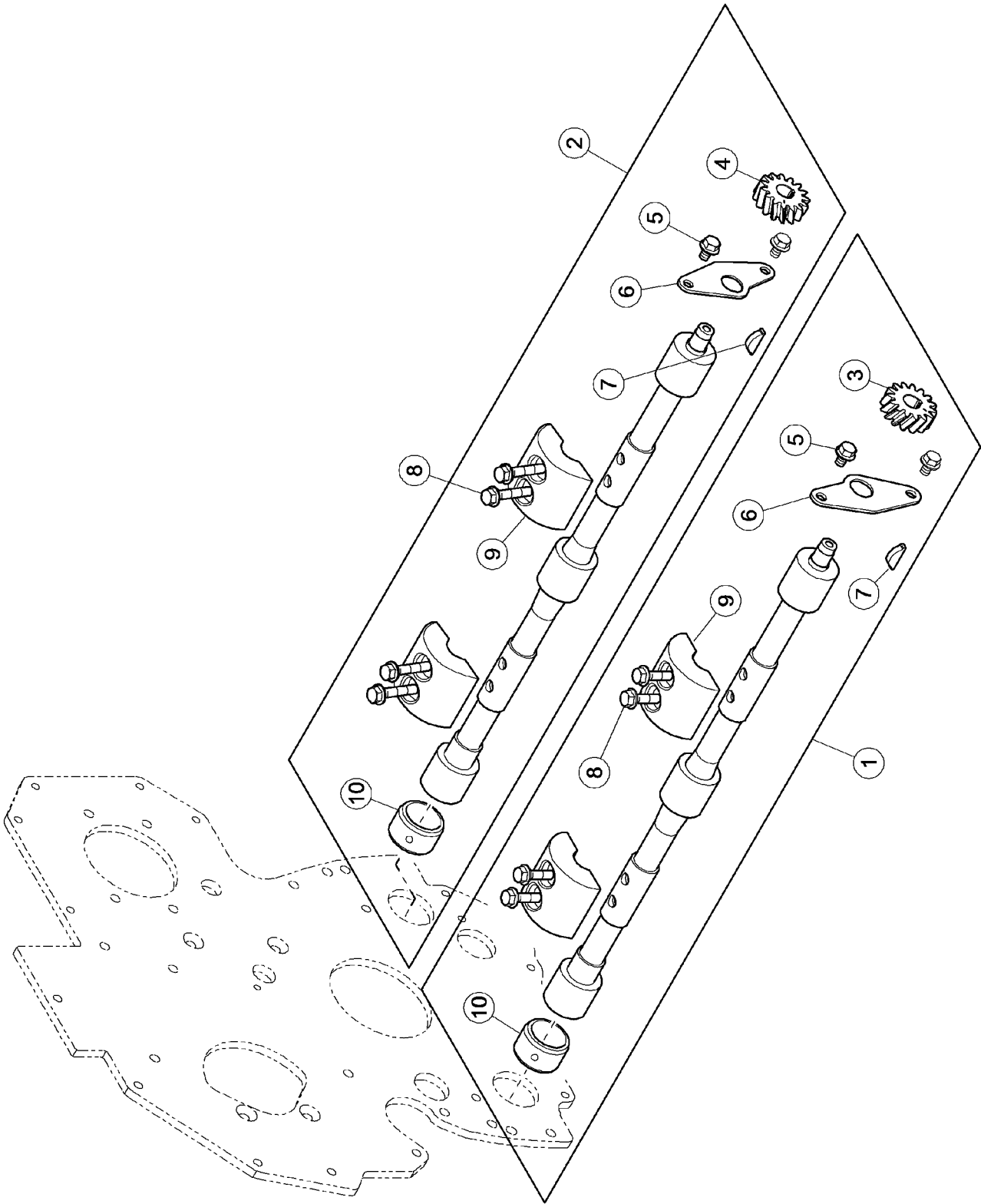
Pos.	Part No.	Description	Dimension	Quantity	Conditions
1	60 0503 052 4	V-BELT PULLEY		1	
2	60 0503 052 5	WASHER		1	
3	60 0502 866 8	SCREW	M20X70	1	

1)	Equipment	TF_007_0010	Without front PTO
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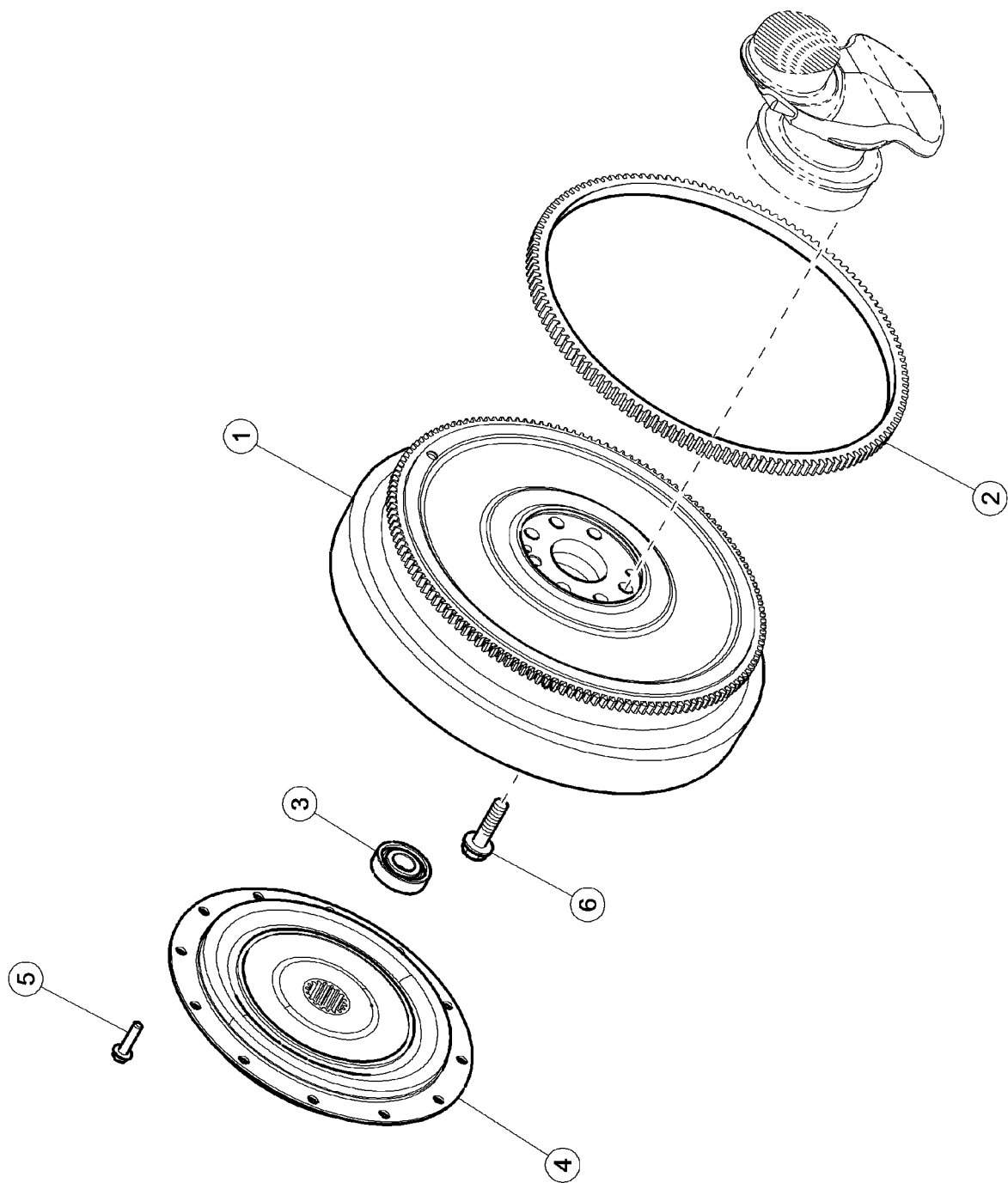
160 CRANKSHAFT PULLEY WHEEL 1)

Pos.	Part No.	Description	Dimension	Quantity	Conditions
1	77 0007 384 1	CRANKSHAFT PULLEY		1	
2	60 0503 091 1	WASHER		1	
3	60 0502 866 8	SCREW	M20X70	1	
1)	Equipment	TF_007_0001 TF_007_0002	AVEC PRIDE DE FORCE AVANT. Front PTO with clockwise rotation -anti - clockwise front PTO		



200 MASS BALANCING

Pos.	Part No.	Description	Dimension	Quantity	Conditions
1	60 0502 594 0	SHAFT		1	1)
2	60 0502 594 1	SHAFT		1	2)
3	60 0502 594 2	WHEEL		1	3)
4	60 0502 594 3	WHEEL		1	4)
5	60 0502 594 5	SCREW		4	
6	FA-NFP	NFP - CS		2	
7	60 0502 148 6	V-SHAPED ELEMENT		2	
8	60 0502 144 5	SCREW	M8X45	8	
9	60 0502 594 6	COUNTER WEIGHT		4	
10	60 0502 593 1	RING		6	
1)	Remarks	D.			
2)	Remarks	G.			
3)	Remarks	D. 15Dts.			
4)	Remarks	G. 15Dts.			

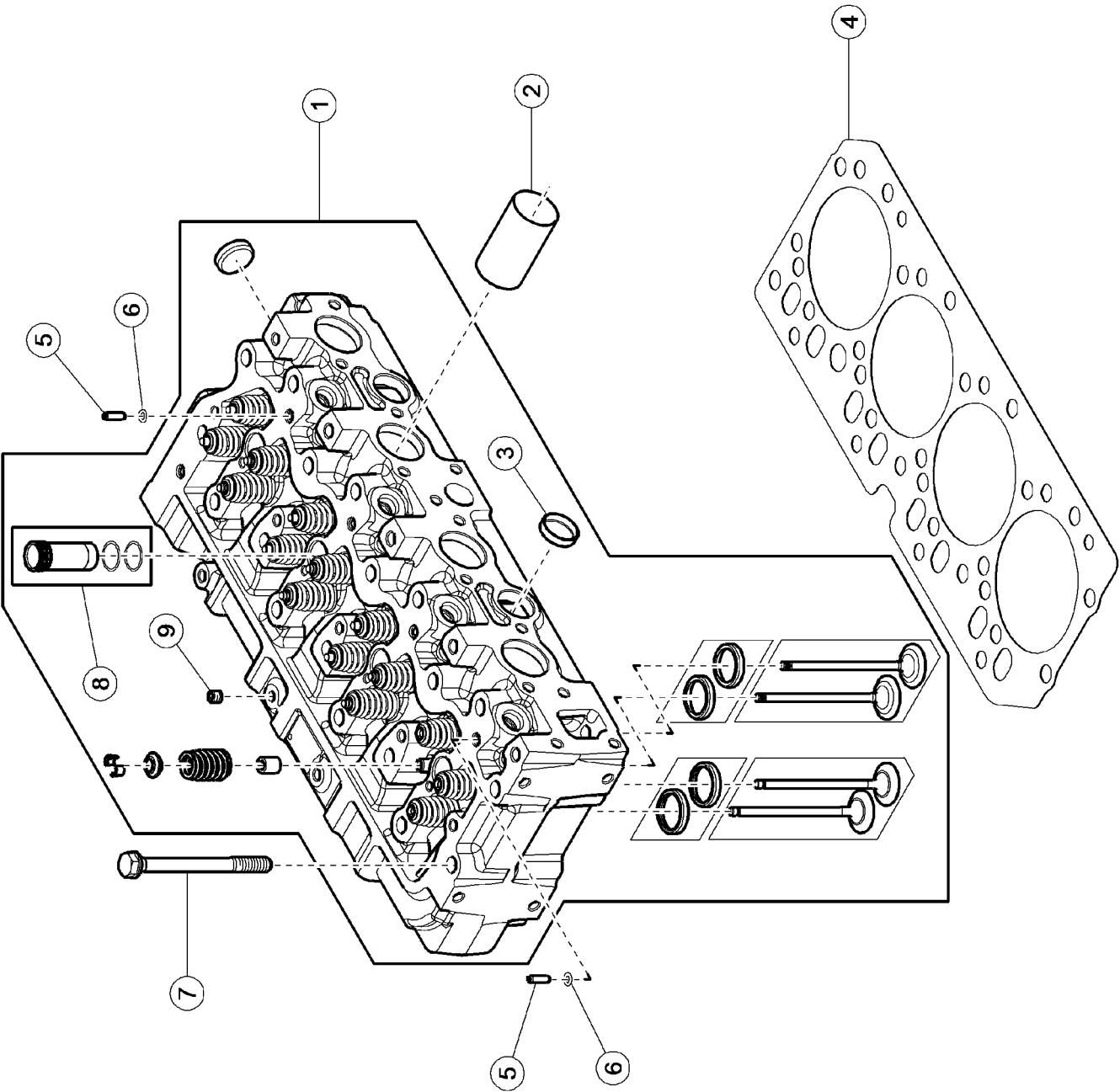


220 FLYWHEEL

Pos.	Part No.	Description	Dimension	Quantity	Conditions
1	77 0007 132 9	FLYWHEEL		1	
2	77 0004 728 5	TOOTHED RIM		1	
3	00 0238 373 0	GRVD.BALL BEARING	6305-2RS*	1	
4	00 1111 394 0	HUB		1	
5	77 0005 997 8	HEXAGON HEAD BOLT	M10X40	8	
6	60 0502 625 8	SCREW	12 X 1,75 -37 - M12X40	6	

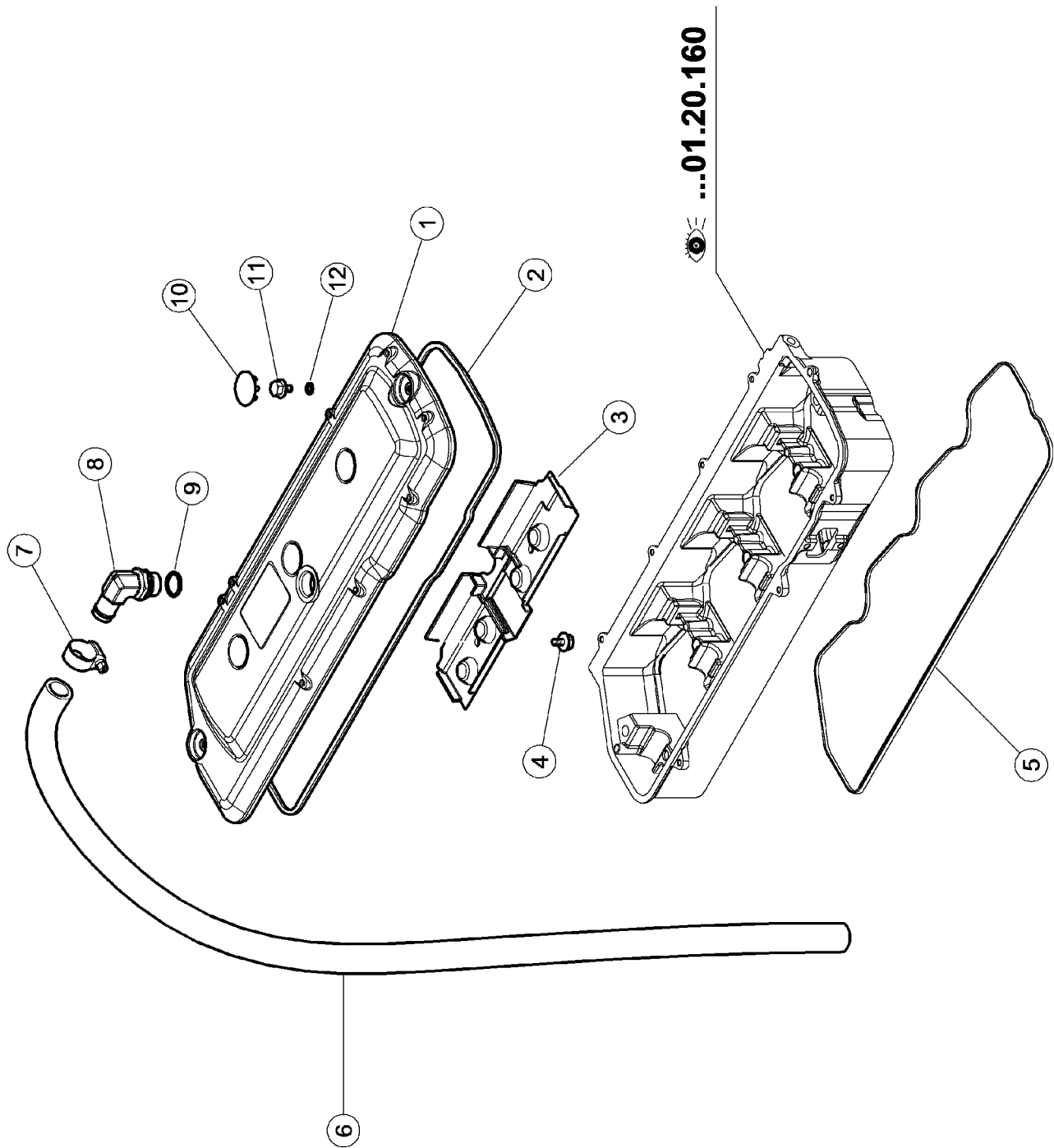
20 CYLINDER HEAD / VALVES / IDLER GEAR

Picture	Description	Drawing number	BGZ	Conditions
	100 CYLINDER HEAD	01201001A	0120100	
	120 CYLINDER HEAD COVER	01201201A	0120120	
	140 VALVES	01201401A	0120140	
	160 ROCKER ARM	01201601A	0120160	
	180 CAMSHAFT, CAMSHAFT BEARING BUSHES	01201801A	0120180	
	200 IDLER GEAR	01202001A	0120200	



100 CYLINDER HEAD

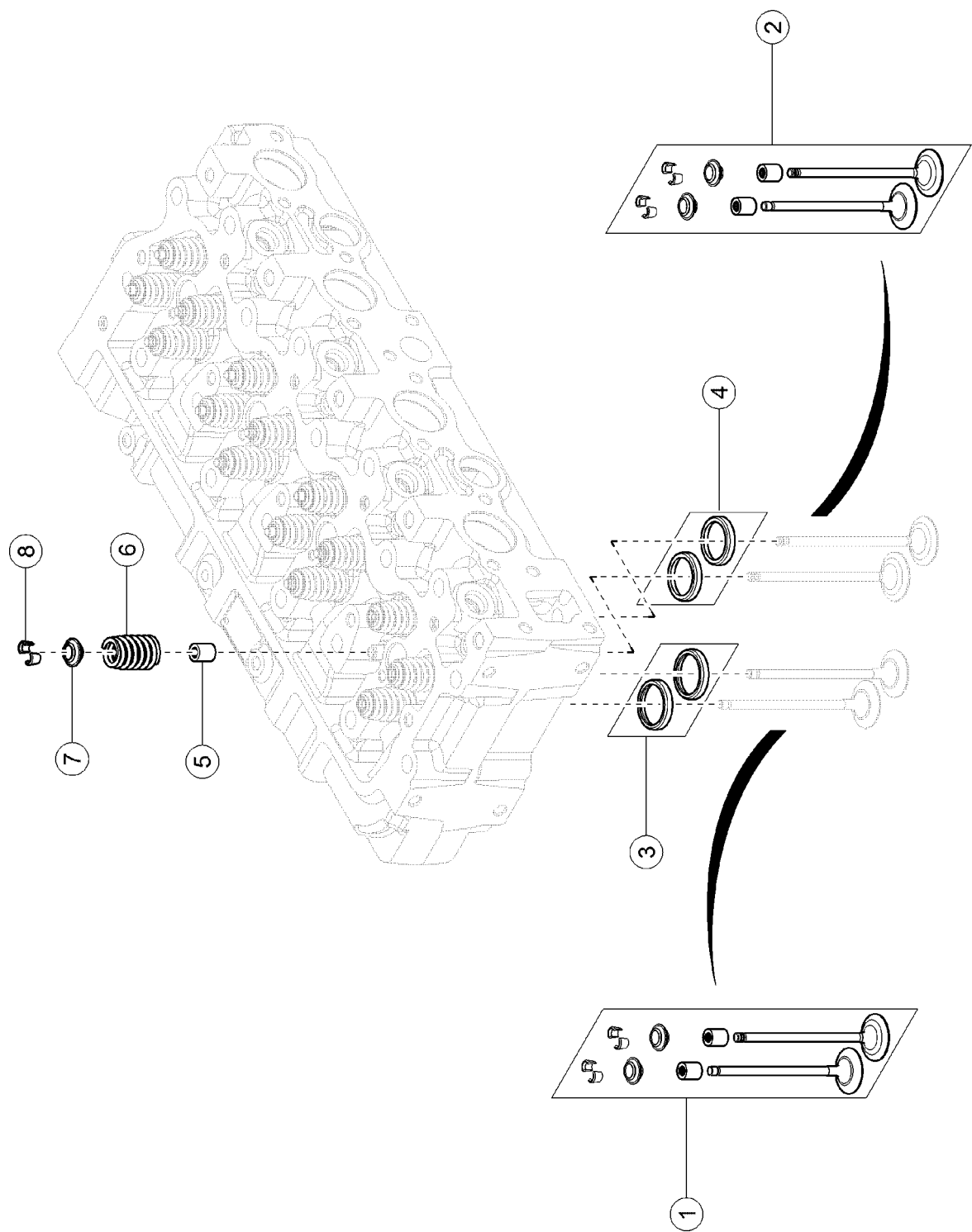
Pos.	Part No.	Description	Dimension	Quantity	Conditions
1	00 1168 530 0	CYLINDER HEAD		1	
2	00 1132 502 0	CLADDING	75MM	4	
3	60 0501 288 3	LOCK		3	
4	60 0502 594 9	CYLINDER HEAD GASKET		1	
5	00 1132 503 0	PIN		2	
6	00 1145 929 0	O-RING		5	
7	00 1145 541 0	SCREW	1/2-13UNC-2AX5 1/3	18	
8	00 1142 367 0	CLADDING		4	
9	00 1141 206 0	PLUG		1	



120 CYLINDER HEAD COVER

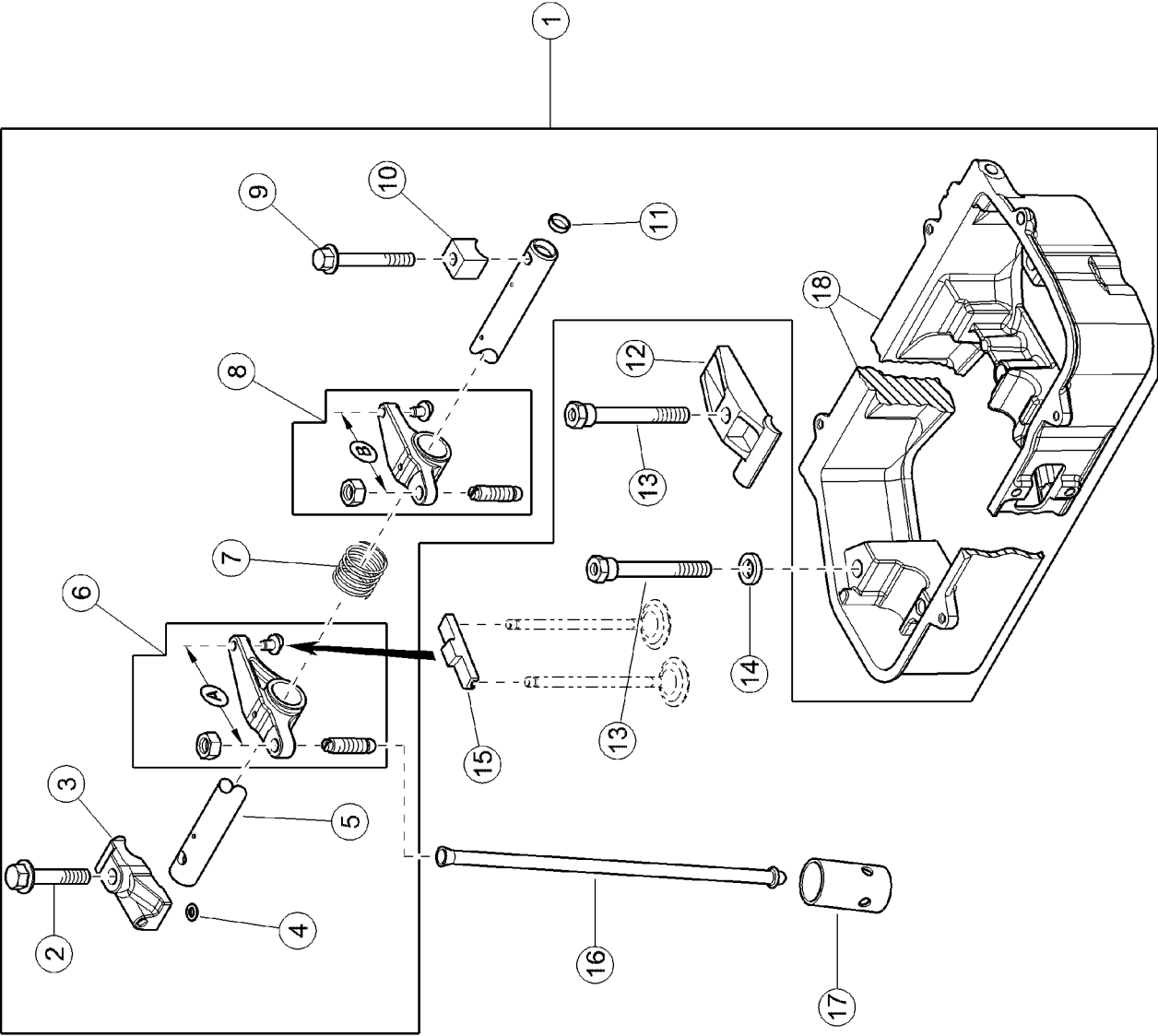
Pos.	Part No.	Description	Dimension	Quantity	Conditions
1	00 1135 007 0	ROCKER COVER		1	1)
1	00 1133 938 0	ROCKER COVER		1	2)
2	00 1135 008 0	GASKET		1	
3	00 1132 508 0	DEFLECTOR		1	
4	60 0502 144 8	SCREW	M6X16	2	
5	00 1135 009 0	SEALING RING		1	
6	60 0503 305 1	TUBE		1	
7	60 0500 348 9	CLAMP	A 020-32X12 W1	1	
8	60 0503 026 5	SCREWING		1	1)
8	00 1133 935 0	ELBOW		1	2)
9	00 0211 923 0	O-RING	18,72X2,62-N	1	1)
9	60 0502 160 4	O-RING	19X2,4	1	2)
10	60 0502 134 4	LOCK		5	
11	60 0502 594 5	SCREW		5	
12	00 0219 147 0	O-RING	7,59X2,62-N	5	

1)	Motor	4045HRT80 4045HRT81	up to CD4045L054132 up to CD4045L054132
2)	Motor	4045HRT80 4045HRT81	from CD4045L054133 from CD4045L054133



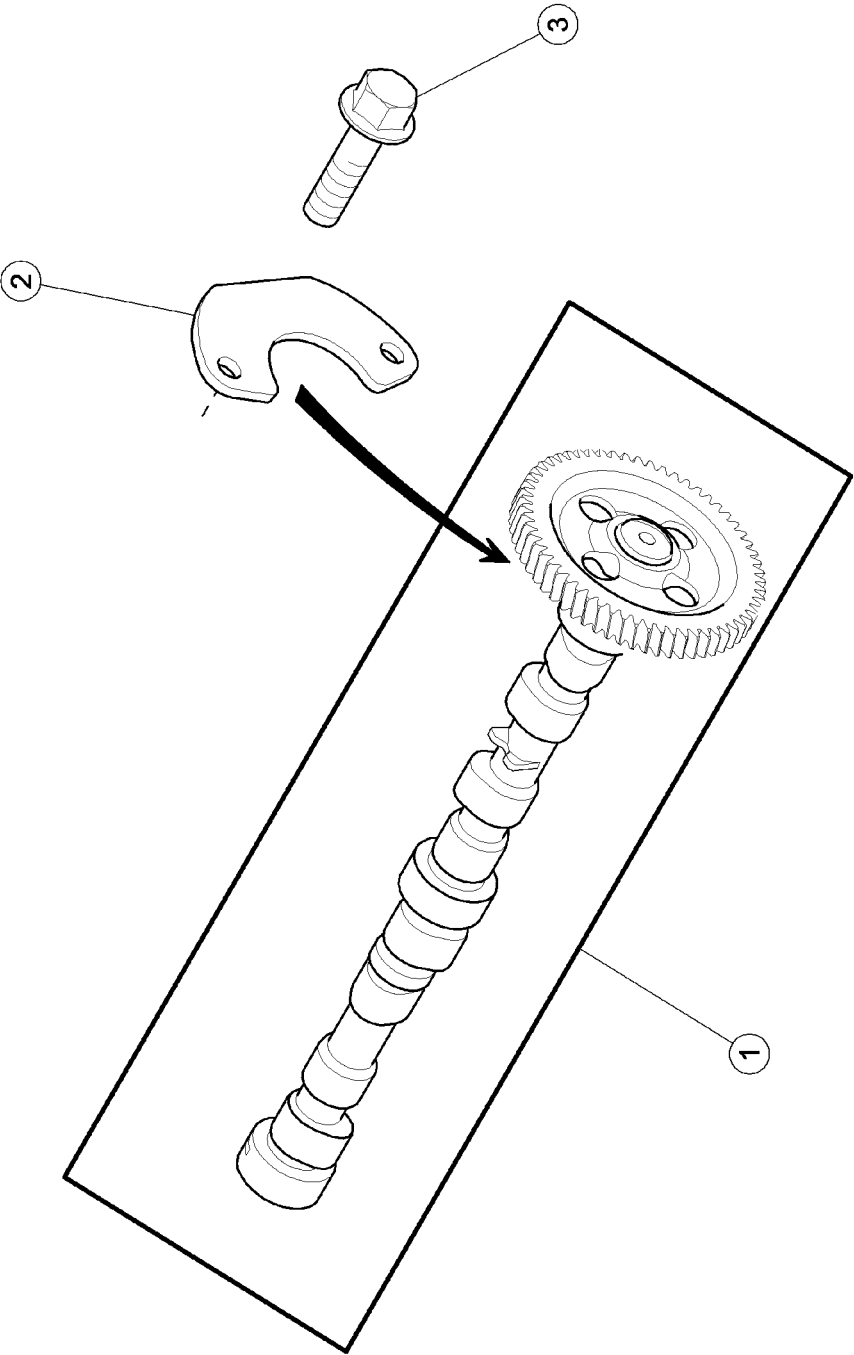
140 VALVES

Pos.	Part No.	Description	Dimension	Quantity	Conditions
1	00 1148 701 0	VALVE		4	1)
2	00 1148 700 0	VALVE		4	2)
3	00 1132 513 0	VALVE SEAT		4	1)
4	00 1132 514 0	VALVE SEAT		4	2)
5	00 1139 912 0	SEALING RING		16	
6	00 1132 517 0	SPRING		16	
7	00 1132 518 0	WASHER		16	
8	00 1148 631 0	HALF-CONE		32	
1)	Remarks	Echapt			
2)	Remarks	Adm.			



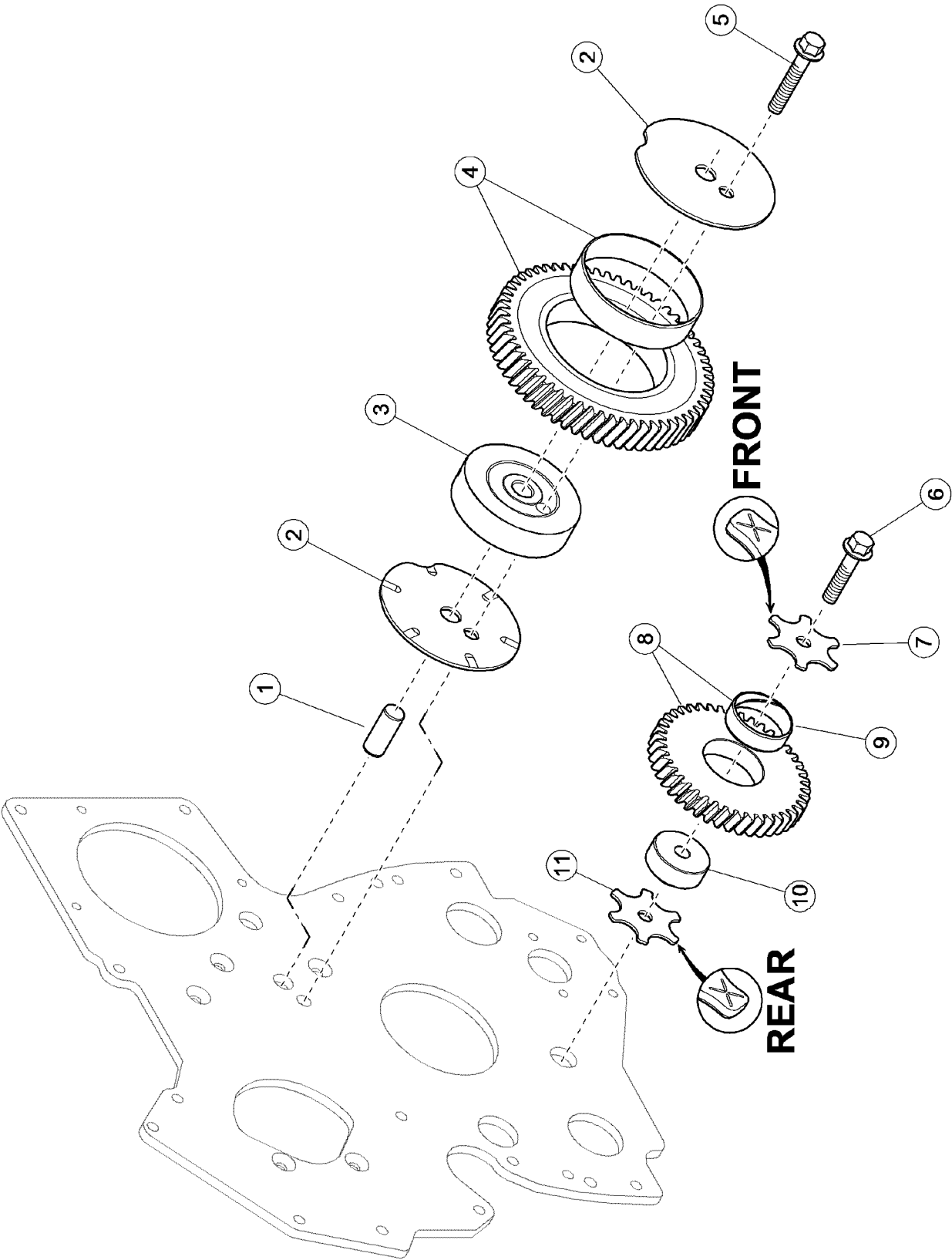
160 ROCKER ARM

Pos.	Part No.	Description	Dimension	Quantity	Conditions
1	00 1135 004 0	HOUSING		1	
2	60 0502 152 1	SCREW		1	
3	00 1132 524 0	FLANGE		1	
4	00 1145 929 0	O-RING		1	
5	00 1135 005 0	SHAFT		1	
6	00 1132 528 0	TILT LEVER		4	
7	00 1132 530 0	SPRING		4	
8	00 1165 757 0	TILT LEVER		4	
9	60 0502 593 6	SCREW	M8X50	1	
10	00 1132 533 0	FLANGE		1	
11	00 1132 534 0	PLUG		2	
12	00 1132 535 0	FLANGE		3	
13	00 1132 536 0	SCREW		5	
14	60 0501 278 2	WASHER		2	
15	00 1132 537 1	TIPPER		8	
16	00 1132 538 0	ROD		8	
17	60 0502 150 7	PLUNGER		8	
18	00 1166 833 0	CASING		1	



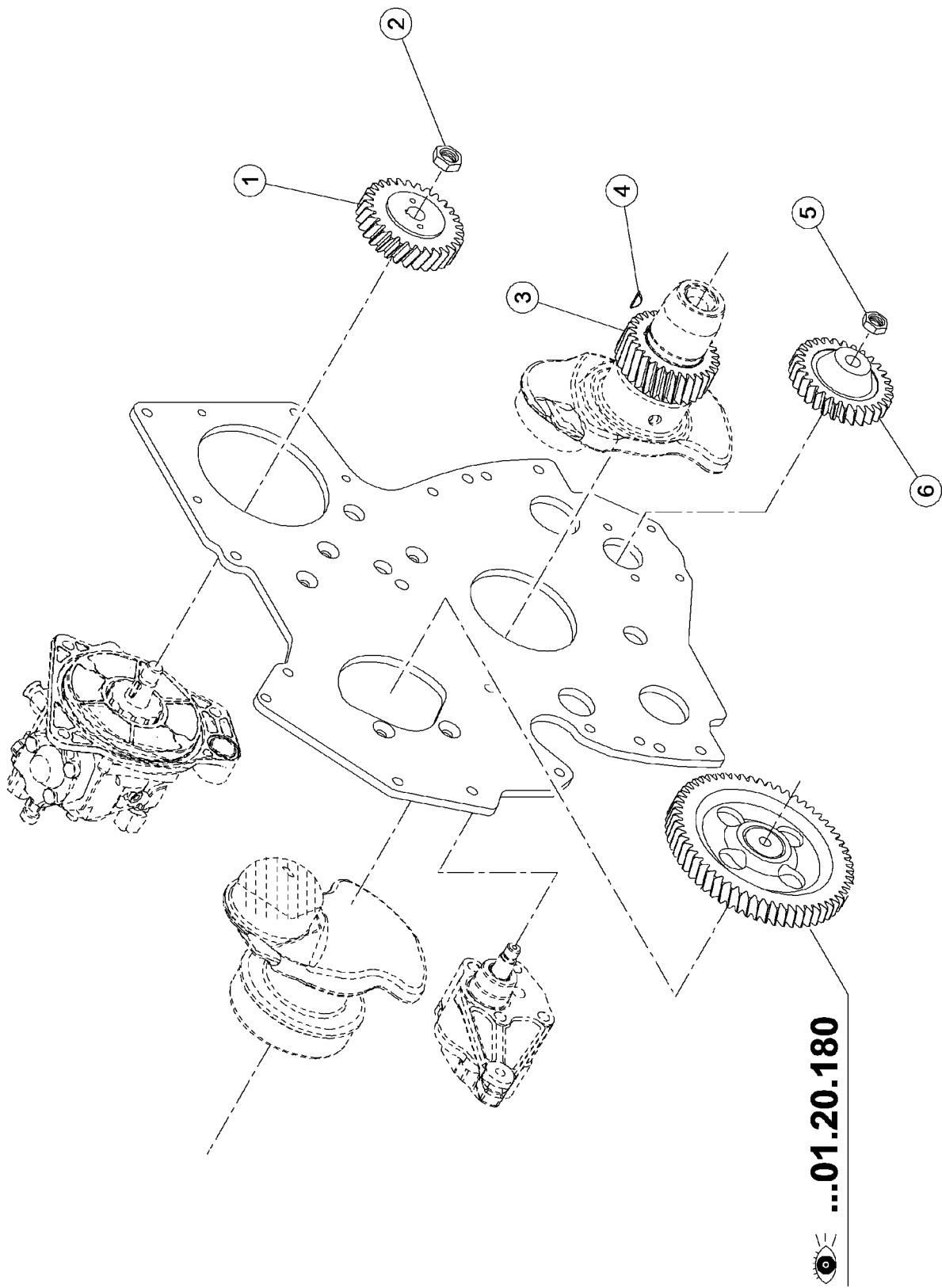
180 CAMSHAFT, CAMSHAFT BEARING BUSHES

Pos.	Part No.	Description	Dimension	Quantity	Conditions
1	00 1144 842 0	CAMSHAFT		1	
2	60 0502 151 1	PLATE		1	
3	60 0502 145 6	SCREW	M8X25	2	



200 IDLER GEAR

Pos.	Part No.	Description	Dimension	Quantity	Conditions
1	00 1132 541 0	LOCATING PIN		1	
2	00 1132 542 0	WASHER		2	
3	00 1132 543 0	HUB		1	
4	00 1132 544 0	WHEEL		1	
5	60 0502 340 7	SCREW		1	
6	60 0502 152 1	SCREW		1	
7	60 0502 152 2	WASHER		1	
8	60 0502 151 9	WHEEL		1	
9	60 0502 152 0	RING		1	
10	60 0502 152 3	AXLE		1	
11	60 0501 299 8	WASHER		1	



...01.20.180

200 IDLER GEAR

Pos.	Part No.	Description	Dimension	Quantity	Conditions
1	00 1132 581 0	WHEEL		1	
2	79 0303 207 4	NUT	M14X1.5	1	
3	60 0502 148 5	WHEEL		1	
4	60 0502 869 7	V-SHAPED ELEMENT		1	
5	60 0010 441 5	NUT	M12X1,25	1	
6	60 0502 159 4	WHEEL		1	

25 INJECTION - / FUEL SYSTEM

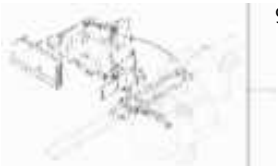
Picture	Description	Drawing number	BGZ	Conditions
	100 FUEL TANK	01251001A	0125100	
	110 ADDITIONAL FUEL TANK	01251101A	0125110	1)
	110 ADDITIONAL FUEL TANK	01251101B	0125110	2)
	120 FUEL DELIVERY PUMP	01251201A	0125120	
	140 FUEL PIPES	01251401A	0125140	3)
	140 FUEL PIPES	01251401B	0125140	4)
	140 FUEL PIPES	01251401C	0125140	5)
	140 FUEL PIPES	01251401D	0125140	6)
	160 FUEL FILTER	01251601A	0125160	7)
	160 FUEL FILTER	01251601B	0125160	8)

1) Equipment

TF0141

RADAR
RADAR

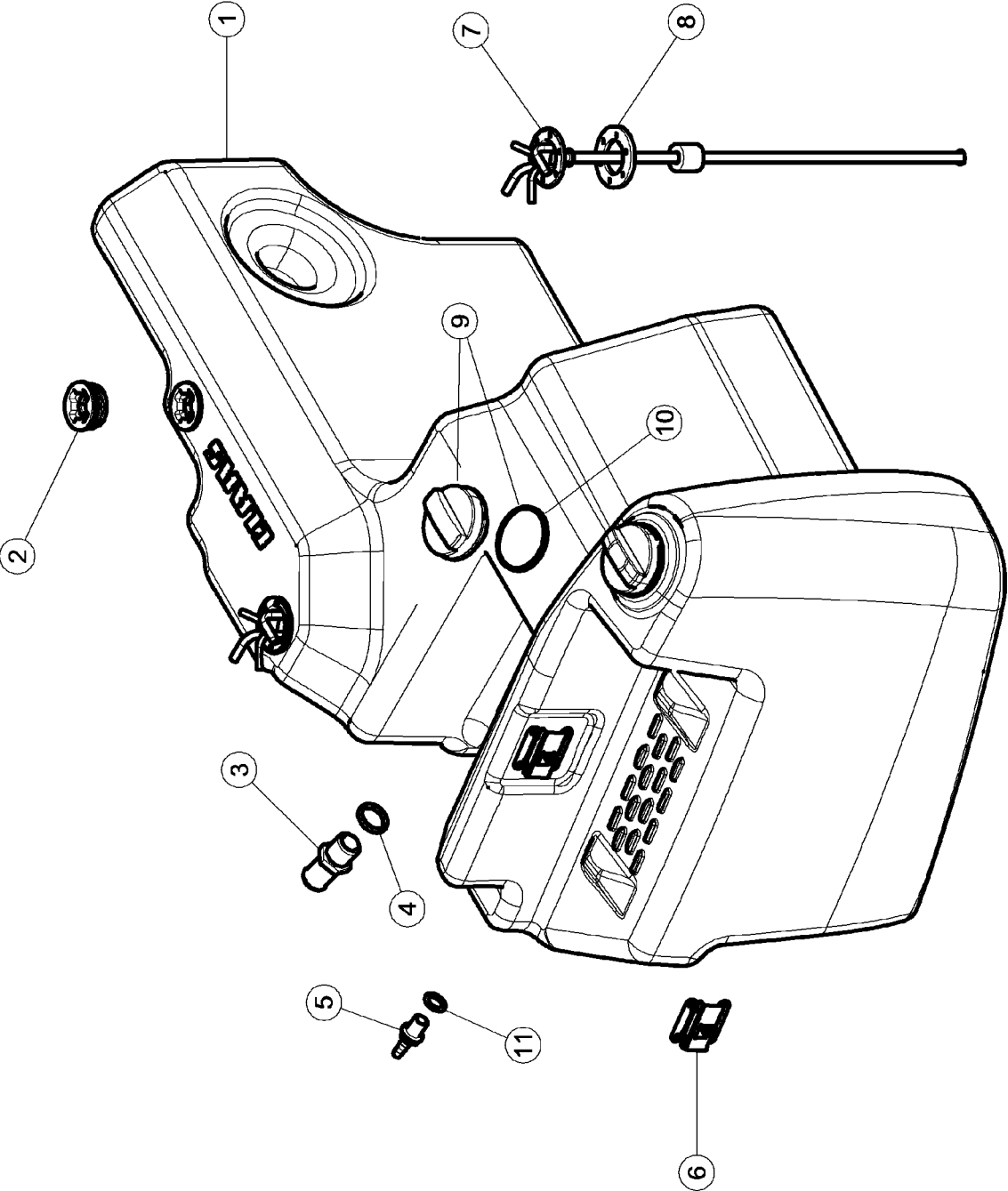
25 INJECTION - / FUEL SYSTEM

Picture	Description	Drawing number	BGZ	Conditions
	200 INJECTION PUMP / HIGH PRESSURE PUMP	01252001A	0125200	
	220 INJECTION PIPES	01252201A	0125220	
	240 INJECTORS	01252401A	0125240	
	900 RETROFIT KIT	01259001A	0125900	9)
	940 FILTER KIT	01259401A	0125940	8)
	960 AFTER SALES FITTING	01259601A	0125960	

1)	TF_014_0001 TF_014_0002	radar (except U.K.) Radar and wheel slip control
2) Equipment	TF_014_0000	Without radar
3) Equipment	TF0571	AVEC RESERVOIR ADD
Equipment	TF_046_0000	Without extra diesel pre-separation filter (externally fitted)
4) Equipment	TF0570	SANS RESERVOIR ADD
Equipment	TF_046_0000	Without extra diesel pre-separation filter (externally fitted)
5) Equipment	TF0571	AVEC RESERVOIR ADD
Equipment	TF_046_0001	With extra diesel pre-separation filter (externally fitted)
6) Equipment	TF0570	SANS RESERVOIR ADD
Equipment	TF_046_0001	With extra diesel pre-separation filter (externally fitted)
7) Equipment	TF_046_0001	With extra diesel pre-separation filter (externally fitted)

25 INJECTION - / FUEL SYSTEM

8)	Equipment	TF_046_0000	Without extra diesel pre-separation filter (externally fitted)
9)	Equipment	TF0570	SANS RESERVOIR ADD



100 FUEL TANK

Pos.	Part No.	Description	Dimension	Quantity	Conditions
1	00 1105 066 3	RESERVOIR		1	
2	77 0006 873 4	LOCK		1	
3	00 1118 157 0	END PIECE		1	
4	00 1133 150 0	SEALING RING		1	
5	00 1120 254 0	CONNECTOR		1	
6	77 0007 699 2	SUPPORT		1	
7	00 1122 488 0	GAUGE		1	
8	77 0003 904 2	GASKET		1	
9	00 1115 046 0	PLUG		1	
10	00 1130 454 0	O-RING		1	
11	00 1133 148 0	SEALING RING		1	

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