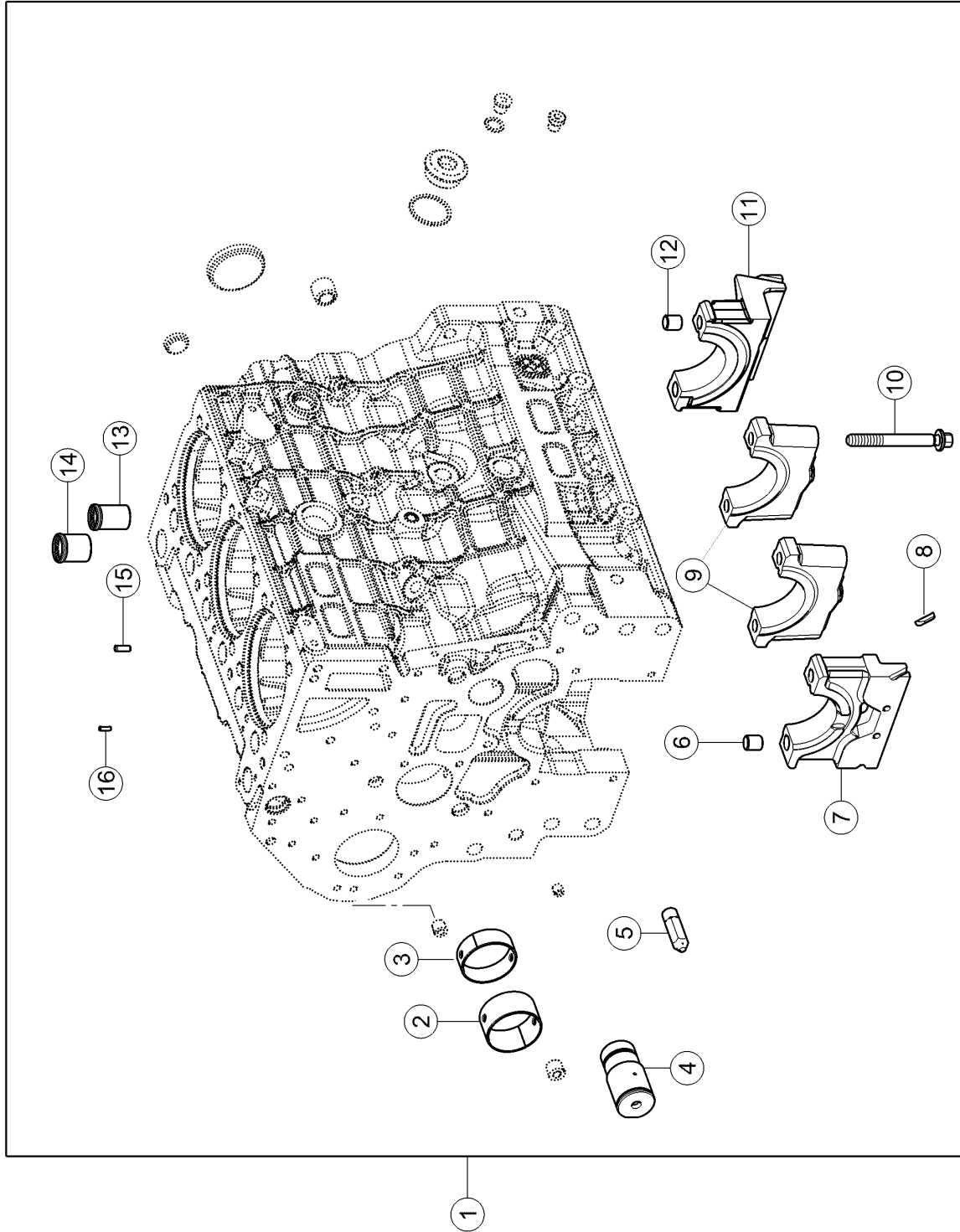


**010 COMPLETE ENGINE**

Pos.	Part No.	Description	Dimension	Quantity	Conditions
1	<b>00 1170 695 0</b>	ENGINE		1	1)
1	<b>00 1170 696 0</b>	ENGINE		1	2)
1	<b>00 1170 697 0</b>	ENGINE		1	3)
<b>1)</b>	<b>Type/Subtype</b>	A98/200	+ ATOS 220 Stage IIIb T2		
<b>2)</b>	<b>Type/Subtype</b>	A98/300	+ ATOS 230 Stage IIIb T2		
<b>3)</b>	<b>Type/Subtype</b>	A98/400	+ ATOS 240 Stage IIIb T2		



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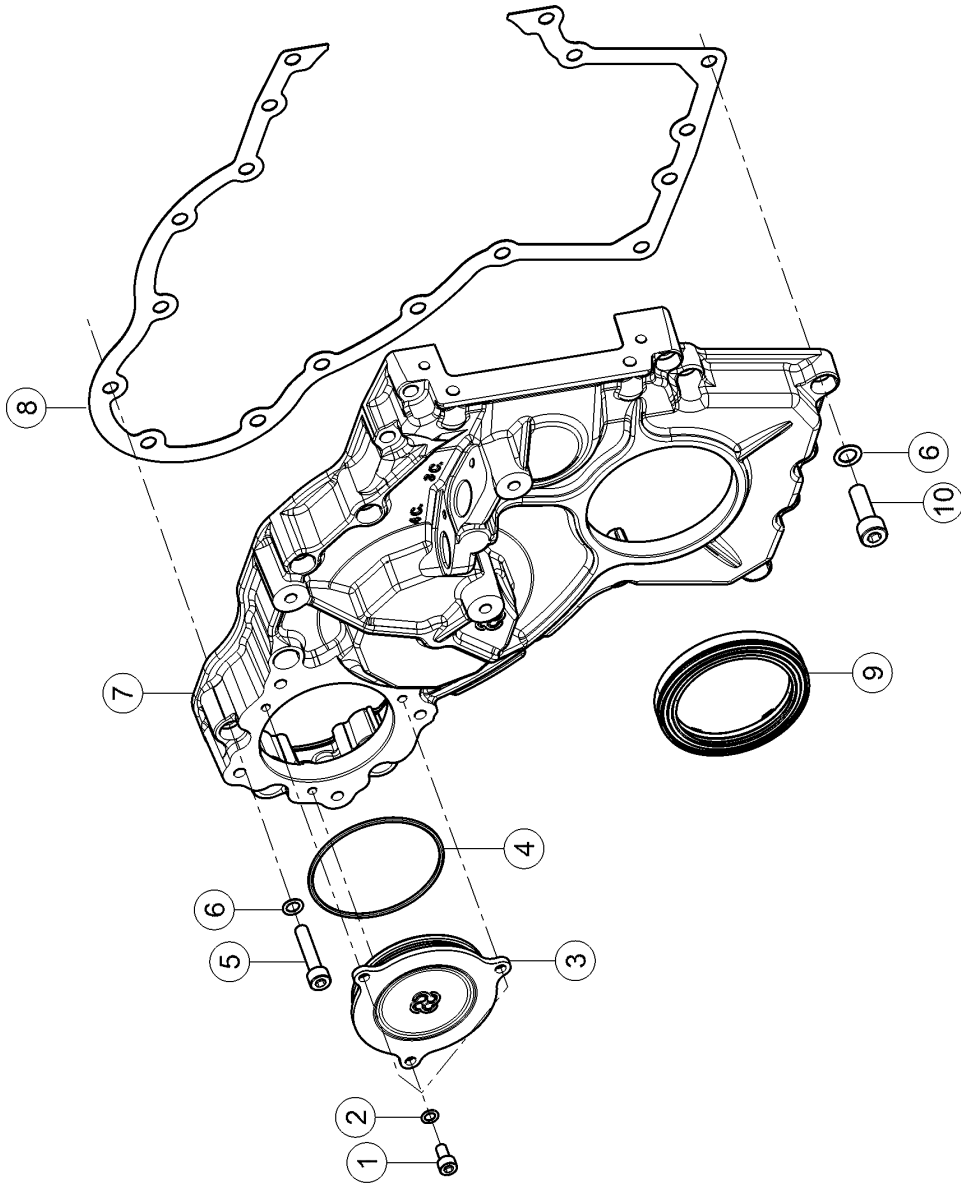
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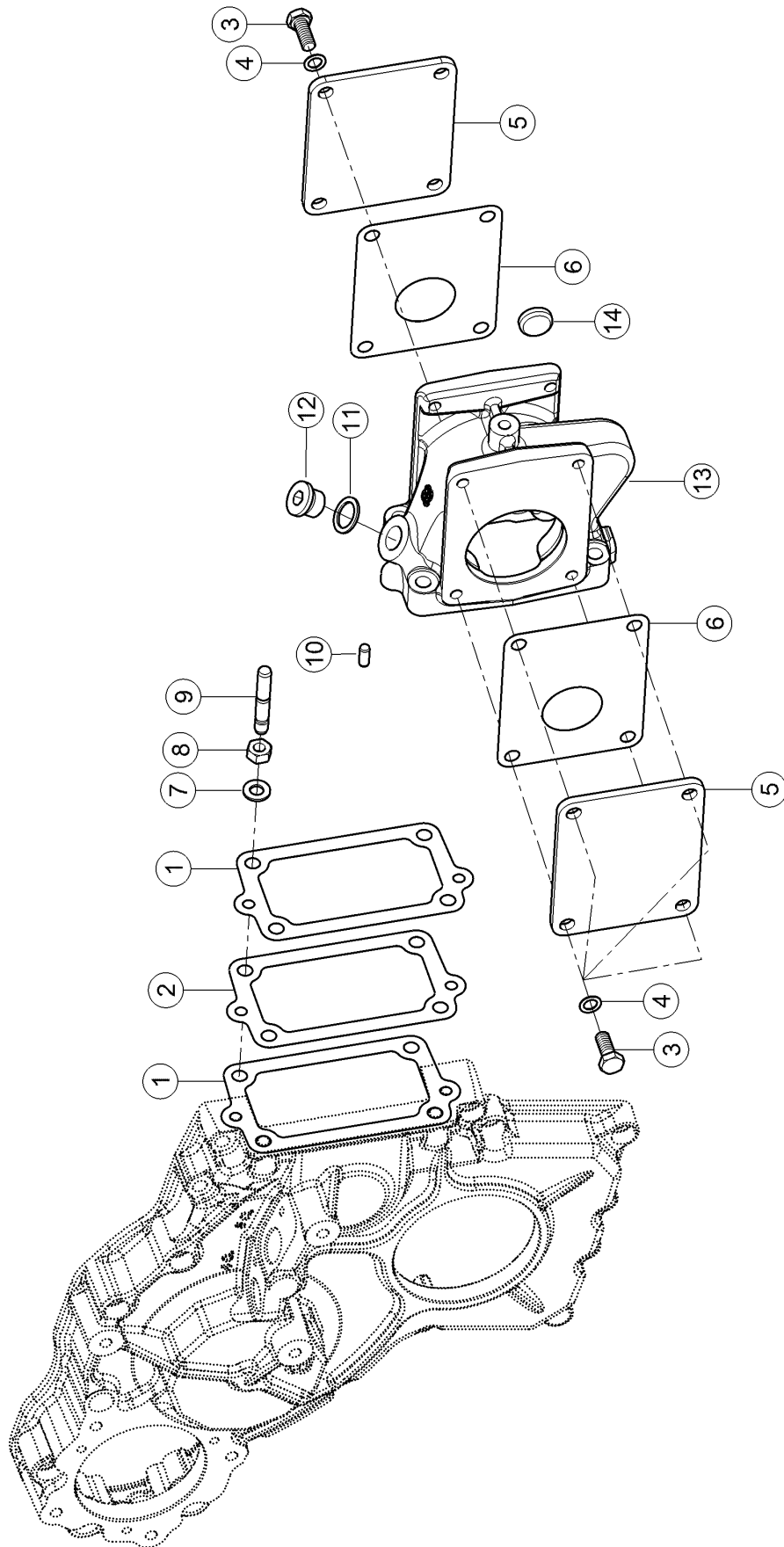
**100 CRANKCASE**

<b>Pos.</b>	<b>Part No.</b>	<b>Description</b>	<b>Dimension</b>	<b>Quantity</b>	<b>Conditions</b>
1	<b>00 1158 841 1</b>	CRANKCASE		1	
2	<b>00 1155 457 0</b>	BEARING BUSH		1	
3	<b>00 1155 458 0</b>	BEARING BUSH		1	
4	<b>00 1155 460 0</b>	SHAFT		1	
5	<b>00 1155 459 0</b>	TUBE		1	
6	<b>00 1155 462 0</b>	BUSHING		1	
7	<b>00 1155 461 0</b>	BEARING		1	
8	<b>00 1155 465 0</b>	GASKET		2	
9	<b>00 1155 463 0</b>	BEARING		2	
10	<b>00 1163 568 0</b>	SCREW		8	
11	<b>00 1155 464 0</b>	BEARING		1	
12	<b>00 1155 462 0</b>	BUSHING		1	
13	<b>00 1155 467 0</b>	TUBE		1	
14	<b>00 1155 466 0</b>	TUBE		1	
15	<b>00 0243 232 0</b>	CYLINDRICAL PIN	6M6X 16	4	
16	<b>00 0218 467 0</b>	CYLINDRICAL PIN	3M6X 12	1	



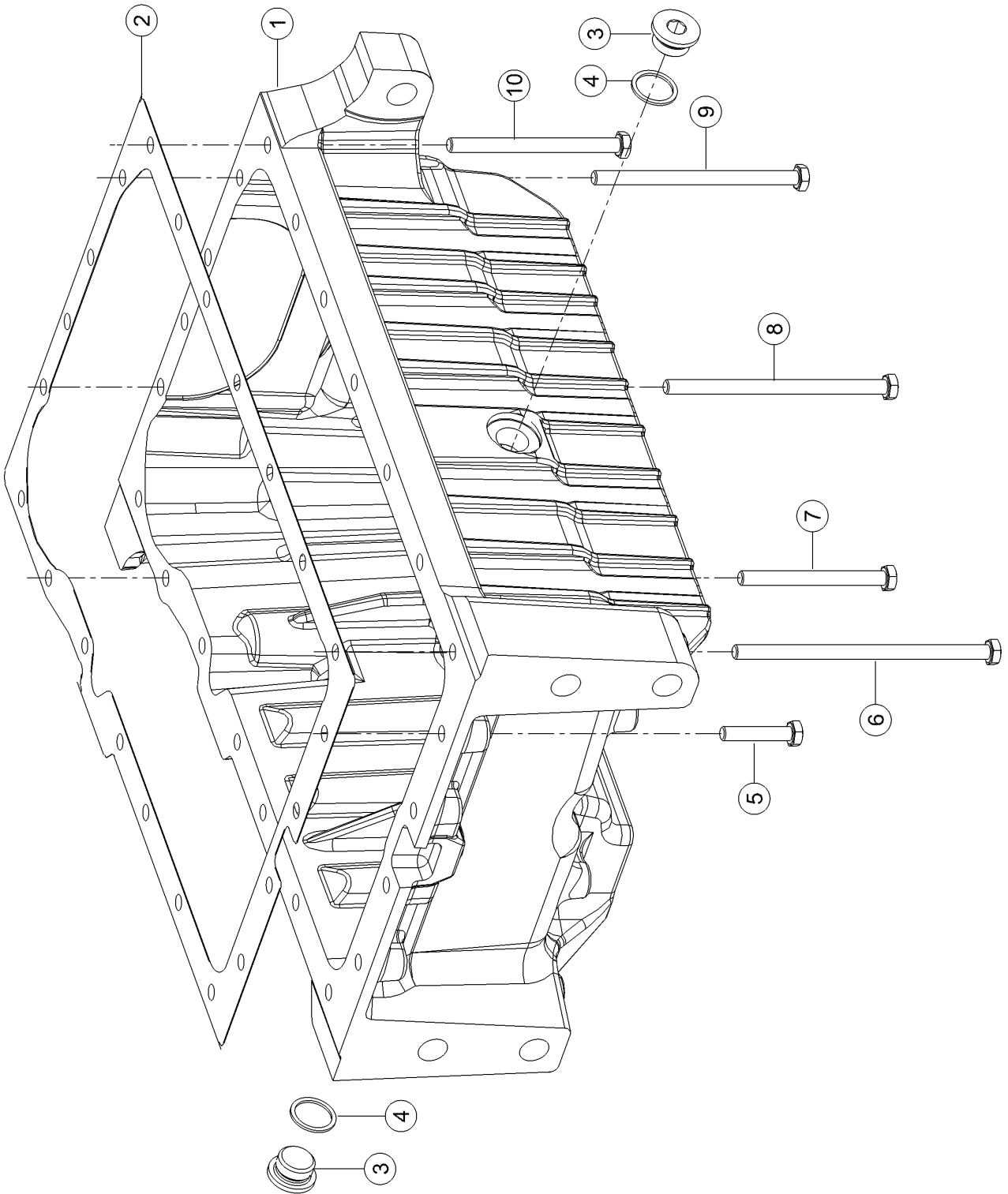
**120 TIMING CASE**

<b>Pos.</b>	<b>Part No.</b>	<b>Description</b>	<b>Dimension</b>	<b>Quantity</b>	<b>Conditions</b>
1	<b>00 1134 404 0</b>	SCREW		3	
2	<b>00 1156 670 0</b>	SEALING WASHER		3	
3	<b>00 1155 248 0</b>	COVER		1	
4	<b>00 1154 998 0</b>	O-RING		1	
5	<b>77 0300 911 0</b>	SCREW	M8X40	9	
6	<b>79 0305 317 5</b>	WASHER	ERS.D.1070512.1 8X16X1,5 ERS.D.0236912.2	17	
7	<b>00 1155 249 0</b>	CASING		1	
8	<b>00 1155 251 0</b>	FLAT SEAL		1	
9	<b>00 1155 286 0</b>	SEALING RING		1	
10	<b>60 0503 326 9</b>	SCREW		8	



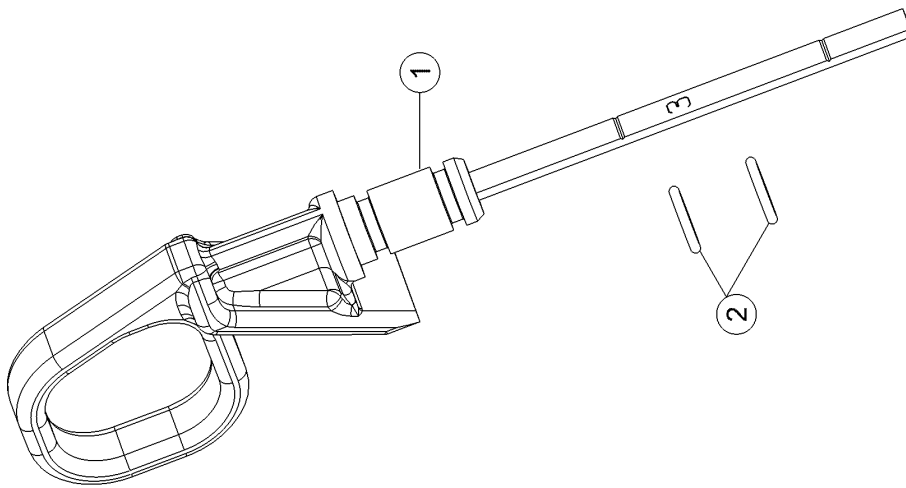
**120 TIMING CASE**

<b>Pos.</b>	<b>Part No.</b>	<b>Description</b>	<b>Dimension</b>	<b>Quantity</b>	<b>Conditions</b>
1	<b>00 1156 489 0</b>	GASKET	0,1 MM	2	1)
2	<b>00 1156 491 0</b>	EINTELLBLOCK	0,5 MM	1	2)
3	<b>77 0300 182 0</b>	HEX.HEAD BOLT	M08X20	8	
4	<b>00 1156 671 0</b>	LOCK WASHER	S 8-8,4X13X0,7X1,4	8	
5	<b>00 1158 977 0</b>	COVER		2	
6	<b>00 1158 978 0</b>	FLAT SEAL		2	
7	<b>00 0236 912 2</b>	FLAT WASHER	8 - 8,4X16X1,6	4	
8	<b>79 0303 201 6</b>	HEX.NUT	M8X1	4	
9	<b>60 0500 933 5</b>	STUD		4	
10	<b>00 0233 402 0</b>	CYLINDRICAL PIN	6M6X 14	2	
11	<b>00 0235 786 0</b>	SEALING RING	A16 X22	1	
12	<b>00 1158 979 0</b>	COVER		1	
13	<b>00 1158 980 0</b>	SUPPORT		1	
14	<b>00 1158 981 0</b>	BLANKING COVER		1	
<b>1)</b>	<b>Remarks</b>	ép.0,1mm			
<b>2)</b>	<b>Remarks</b>	ép.0,5mm			



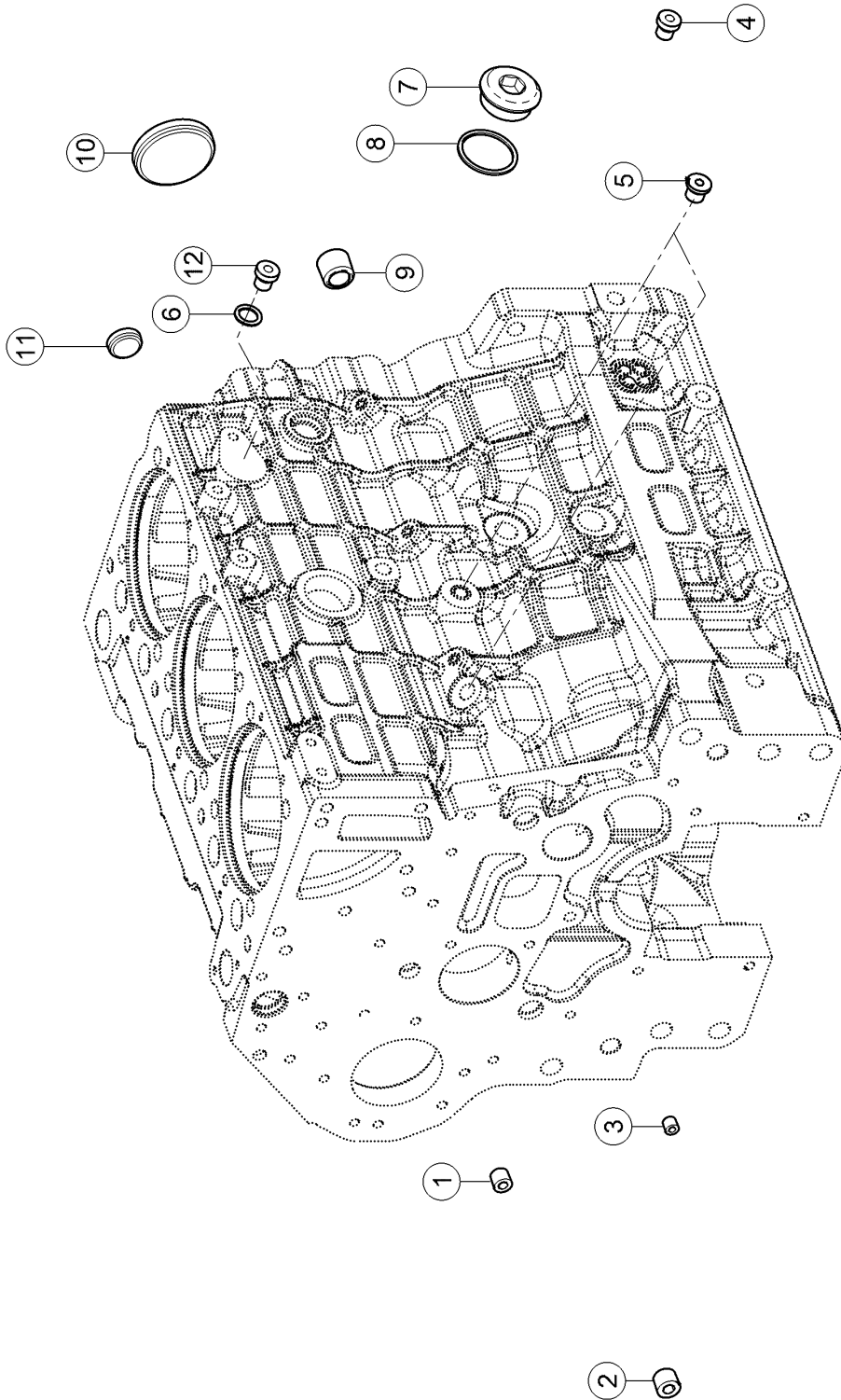
**160 OIL PAN**

<b>Pos.</b>	<b>Part No.</b>	<b>Description</b>	<b>Dimension</b>	<b>Quantity</b>	<b>Conditions</b>
1	<b>00 1158 842 0</b>	OIL SUMP		1	
2	<b>00 1158 843 0</b>	FLAT SEAL		1	
3	<b>60 0500 854 0</b>	SCREW PLUG	G1/2A	2	
4	<b>60 0500 930 8</b>	GASKET		2	
5	<b>00 0237 340 0</b>	HEXAGON HEAD BOLT	M08X40	13	
6	<b>00 0216 106 0</b>	HEXAGON HEAD BOLT	M 8X150	2	
7	<b>77 0300 117 5</b>	SCREW	M 8X85	1	
8	<b>00 0238 253 0</b>	HEXAGON HEAD BOLT	M08X130	1	
9	<b>00 0244 237 0</b>	HEXAGON HEAD BOLT	M8X120	3	
10	<b>77 0300 117 8</b>	SCREW		2	



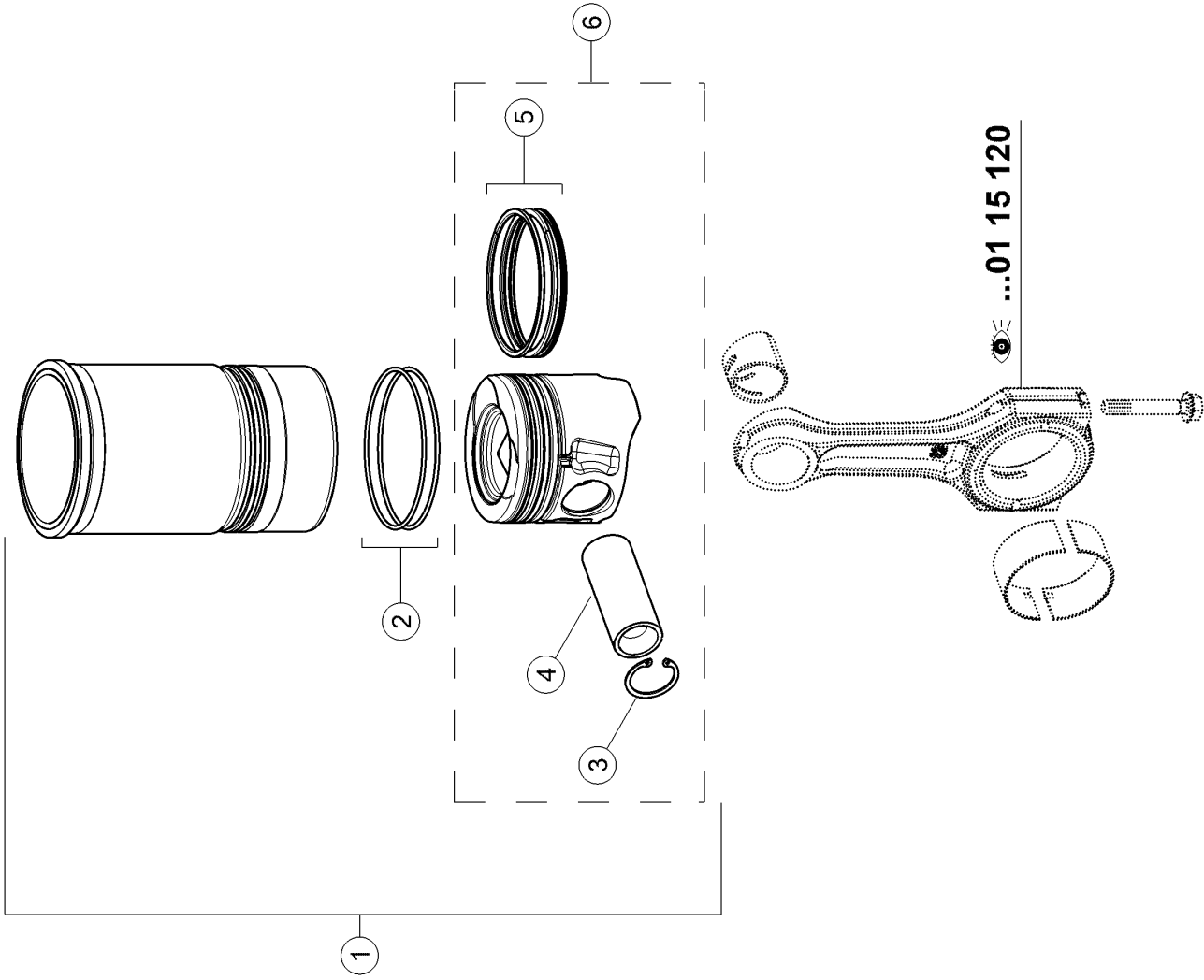
**160 OIL PAN**

<b>Pos.</b>	<b>Part No.</b>	<b>Description</b>	<b>Dimension</b>	<b>Quantity</b>	<b>Conditions</b>
1	<b>00 1158 844 0</b>	GAUGE		1	
2	<b>00 1156 720 0</b>	SEALING RING		2	



**180 PLUGS**

<b>Pos.</b>	<b>Part No.</b>	<b>Description</b>	<b>Dimension</b>	<b>Quantity</b>	<b>Conditions</b>
1	<b>00 1155 470 0</b>	COVER		2	
2	<b>00 1156 841 0</b>	PLUG		4	
3	<b>00 1155 287 0</b>	COVER		12	
4	<b>00 1155 472 0</b>	COVER		1	
5	<b>00 1158 050 0</b>	COVER		2	
6	<b>00 1167 836 0</b>	SEAL		1	
7	<b>00 1155 474 0</b>	COVER		1	
8	<b>00 1155 475 0</b>	GASKET		1	
9	<b>00 1155 477 0</b>	COVER		3	
10	<b>00 1155 476 0</b>	BLANKING COVER		1	
11	<b>00 1154 077 0</b>	BLANKING COVER		5	
12	<b>00 1168 550 0</b>	PLUG	M18 P.1.5	1	



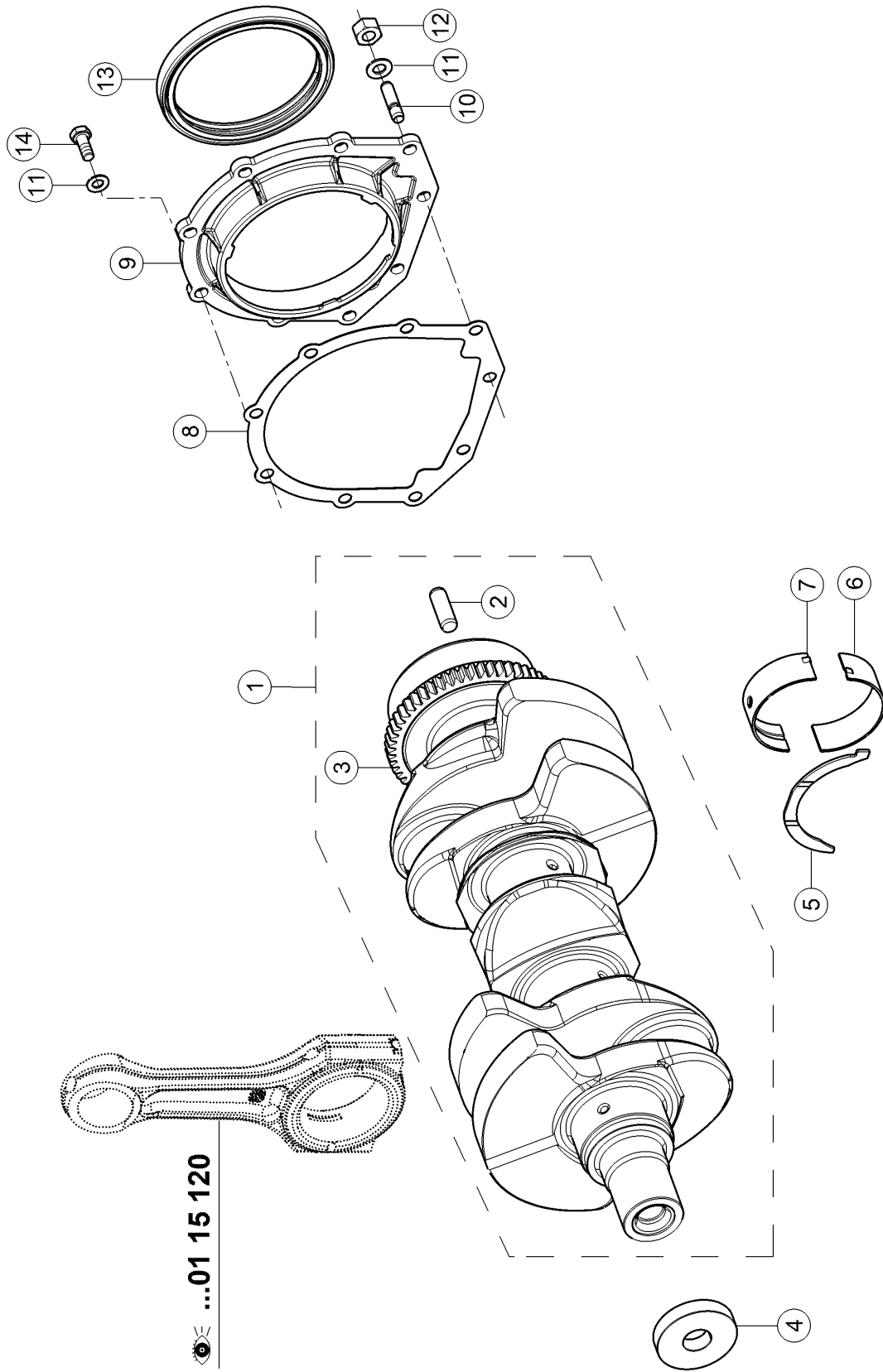
**100 CYLINDER LINER, PISTON**

<b>Pos.</b>	<b>Part No.</b>	<b>Description</b>	<b>Dimension</b>	<b>Quantity</b>	<b>Conditions</b>
1	<b>00 1155 256 0</b>	PISTON-LINER		3	
2	<b>00 1155 257 0</b>	O-RING		3	
3	<b>60 0500 333 5</b>	INT RETAINING RING		6	
4	<b>00 1155 258 0</b>	SHAFT		3	
5	<b>00 1155 260 0</b>	SET OF PISTON RINGS		3	
6	<b>00 1155 262 0</b>	ENGINE PISTON		3	



**120 CONNECTING ROD, CONNECTING ROD BEARINGS**

Pos.	Part No.	Description	Dimension	Quantity	Conditions
1	<b>00 1155 263 0</b>	ROD (ENGINE)		3	
2	<b>00 1155 269 0</b>	BEARING BUSH	34.60X39.130X36.65	3	
3	<b>00 1155 264 0</b>	SCREW		6	
4	<b>00 1155 266 0</b>	BEARING BUSH		3	1)
5	<b>00 1155 268 0</b>	BEARING BUSH		3	1)
<b>1)</b>	<b>Remarks</b>	A = 29.85 -> 30.10			

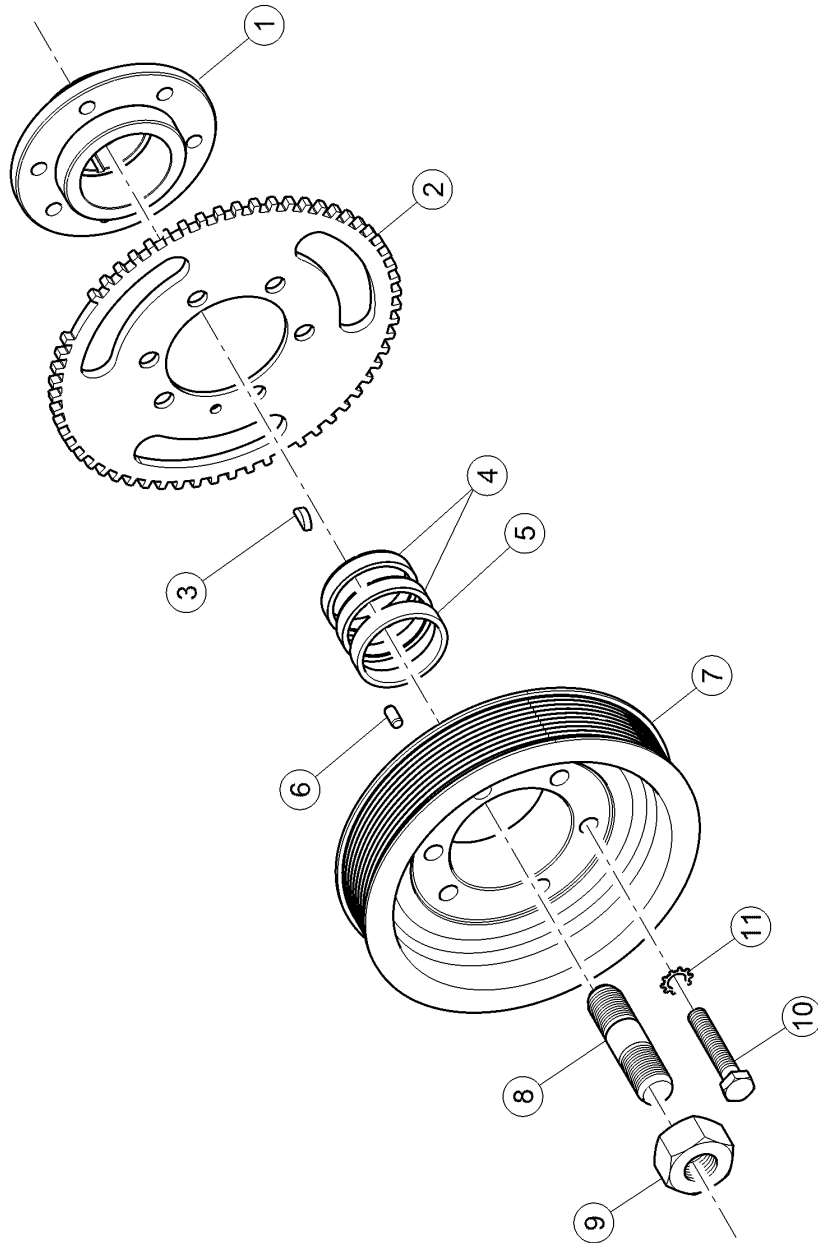


**140 CRANKSHAFT**

Pos.	Part No.	Description	Dimension	Quantity	Conditions
1	<b>00 1167 390 0</b>	CRANKSHAFT		1	
2	<b>00 0242 867 0</b>	CYLINDRICAL PIN	12X 35	1	
3	<b>00 1168 556 0</b>	PINION		1	
4	<b>00 1155 271 0</b>	WASHER		1	
5	<b>00 1155 272 0</b>	CHOCK		1	
5	<b>00 1167 409 0</b>	CHOCK		1	1)
5	<b>00 1155 274 0</b>	CHOCK		1	2)
6	<b>00 1155 275 0</b>	BEARING BUSH		4	
7	<b>00 1169 913 0</b>	BEARING BUSH		4	
8	<b>00 1155 281 0</b>	FLAT SEAL		1	
9	<b>00 1155 282 0</b>	BEARING		1	
10	<b>00 1168 557 0</b>	STUD		2	
11	<b>00 0233 684 0</b>	CONICAL SPRING WASHER	8 -8,4X18X2	9	
12	<b>79 0303 201 6</b>	HEX.NUT	M8X1	2	
13	<b>00 1155 284 0</b>	SEALING RING		1	
14	<b>77 0300 182 0</b>	HEX.HEAD BOLT	M08X20	7	

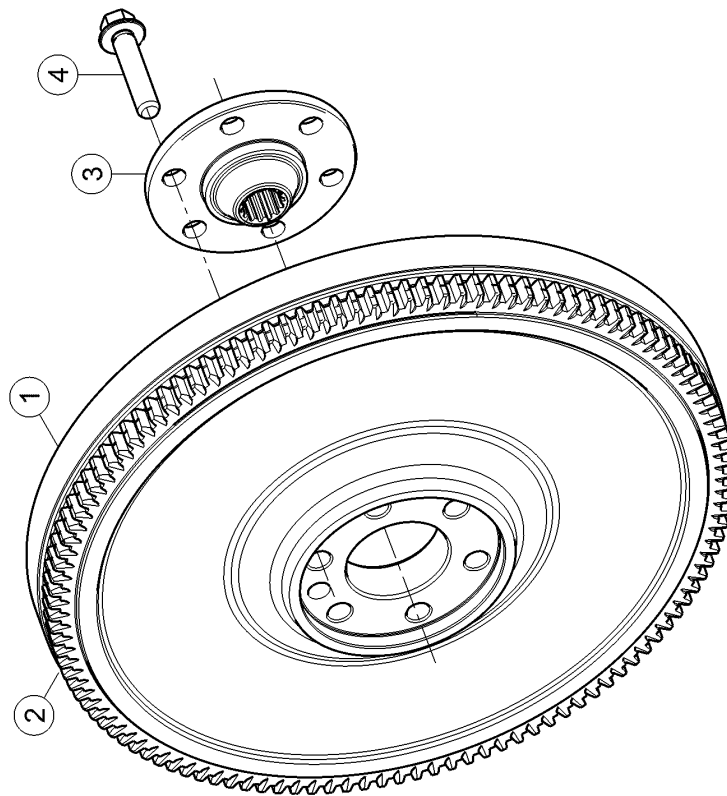
<b>1) Remarks</b>	ép.0,1mm
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<b>2) Remarks</b>	ép.0,15mm
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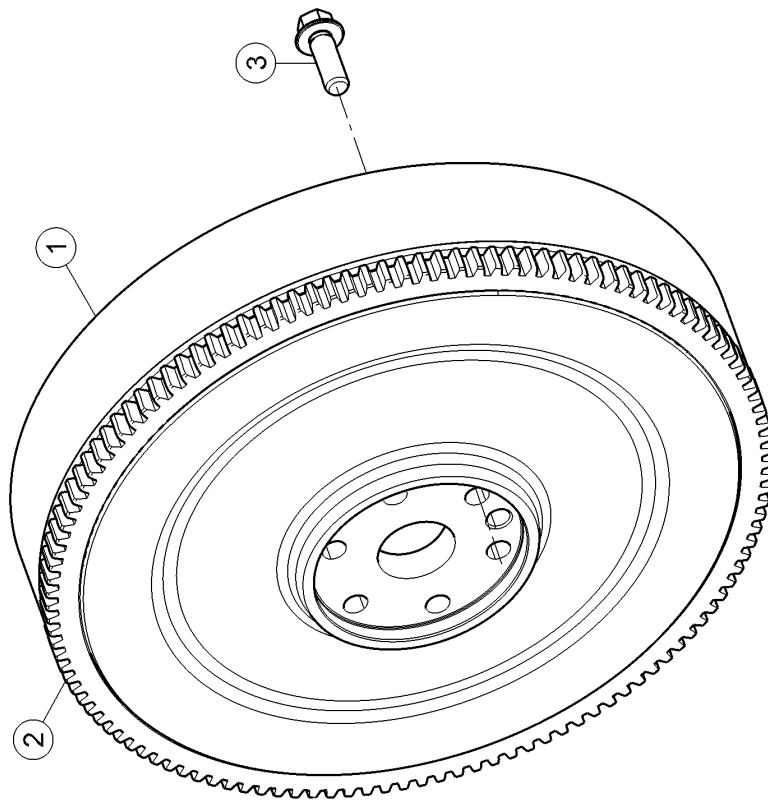
**160 CRANKSHAFT PULLEY WHEEL**

<b>Pos.</b>	<b>Part No.</b>	<b>Description</b>	<b>Dimension</b>	<b>Quantity</b>	<b>Conditions</b>
1	<b>00 1154 059 0</b>	FLANGE		1	
2	<b>00 1154 060 0</b>	GEAR		1	
3	<b>00 0093 061 0</b>	WOODRUFF KEY	4X6,5	1	
4	<b>00 1154 061 0</b>	SMOOTH RING		2	
5	<b>00 1154 062 0</b>	SPACER		1	
6	<b>00 1154 063 0</b>	CENTRING PIN		1	
7	<b>00 1154 064 0</b>	CRANKSHAFT PULLEY		1	
8	<b>00 1154 065 0</b>	STUD		1	
9	<b>00 1154 066 0</b>	NUT		1	
10	<b>00 0233 572 0</b>	HEXAGON HEAD BOLT	D=M10 L=55	6	
11	<b>00 1156 668 0</b>	TOOTHED WASHER		6	



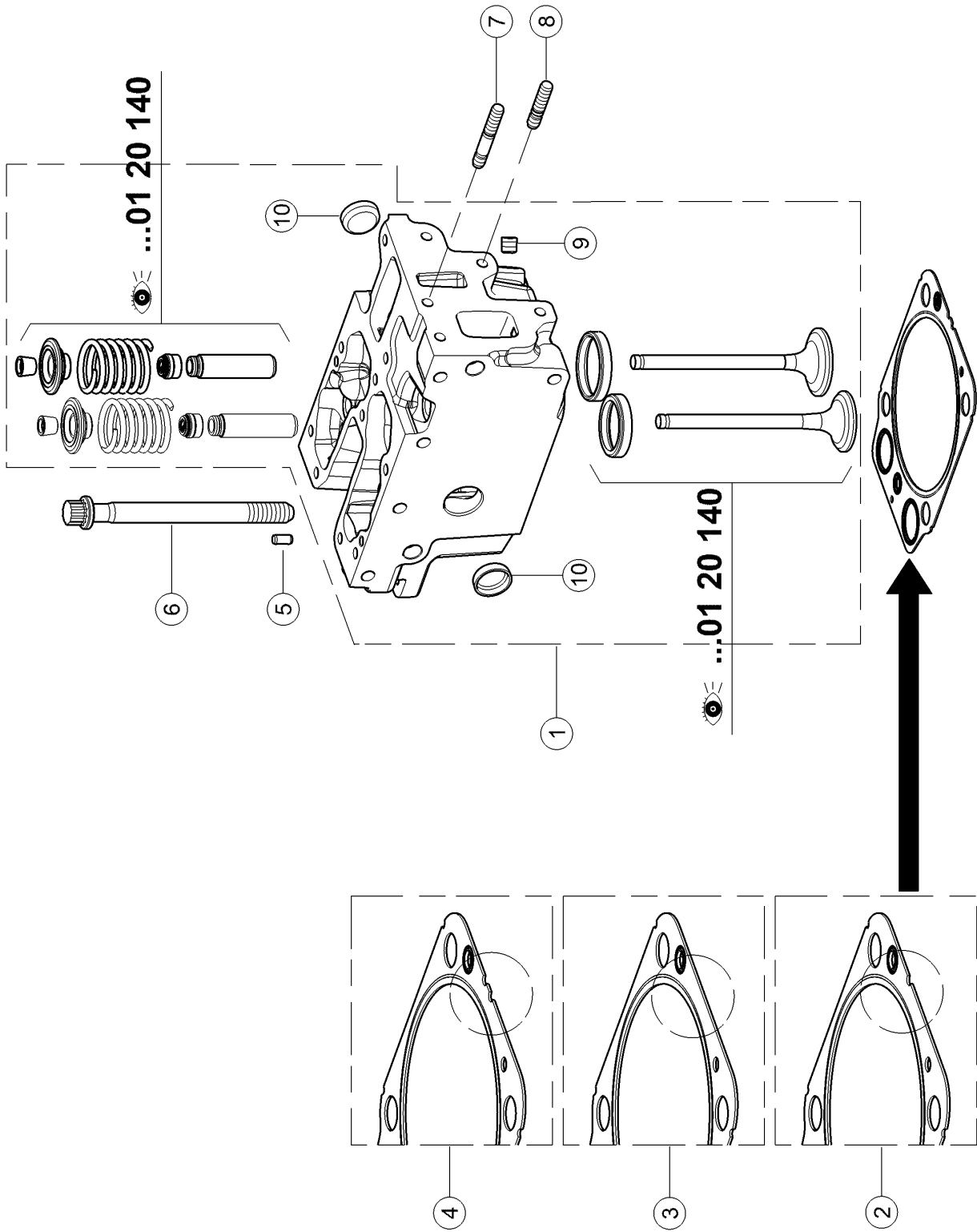
**220 FLYWHEEL 1)**

<b>Pos.</b>	<b>Part No.</b>	<b>Description</b>	<b>Dimension</b>	<b>Quantity</b>	<b>Conditions</b>
1	<b>00 1154 068 0</b>	FLYWHEEL		1	
2	<b>00 1154 067 0</b>	CROWN WHEEL		1	2)
3	<b>00 1154 069 0</b>	FLANGE		1	
4	<b>00 1154 070 0</b>	STD SCREW		6	
<hr/>					
<b>1)</b>	<b>Equipment</b>				
		TM_N00_0010			Mechanical reverser
<hr/>					
<b>2)</b>	<b>Remarks</b>				
					121 dts.
<hr/>					



**220 FLYWHEEL 1)**

Pos.	Part No.	Description	Dimension	Quantity	Conditions
1	<b>00 1158 846 0</b>	FLYWHEEL		1	
2	<b>00 1154 067 0</b>	CROWN WHEEL		1	2)
3	<b>00 1154 505 0</b>	STD SCREW		6	
<b>1)</b>	<b>Equipment</b>	TM_N00_0020	REVERSHIFT electronic clutchless reverser		
<b>2)</b>	<b>Remarks</b>		121 dts.		



**100 CYLINDER HEAD**

Pos.	Part No.	Description	Dimension	Quantity	Conditions
1	<b>00 1154 071 0</b>	CYLINDER HEAD		3	
2	<b>00 1154 072 0</b>	CYLINDER HEAD GASKET		1	1)
3	<b>00 1154 073 0</b>	CYLINDER HEAD GASKET		2	2)
4	<b>00 1154 074 0</b>	CYLINDER HEAD GASKET		1	3)
5	<b>00 1154 063 0</b>	CENTRING PIN		6	
6	<b>00 1154 075 0</b>	SCREW		12	
7	<b>60 0500 933 5</b>	STUD		3	
8	<b>60 0500 930 4</b>	STUD		3	
9	<b>00 1155 287 0</b>	COVER		3	
10	<b>00 1154 077 0</b>	BLANKING COVER		6	

**1) Remarks** ép.1,20mm

**2) Remarks** ép.1,40mm

**3) Remarks** ép.1,60mm



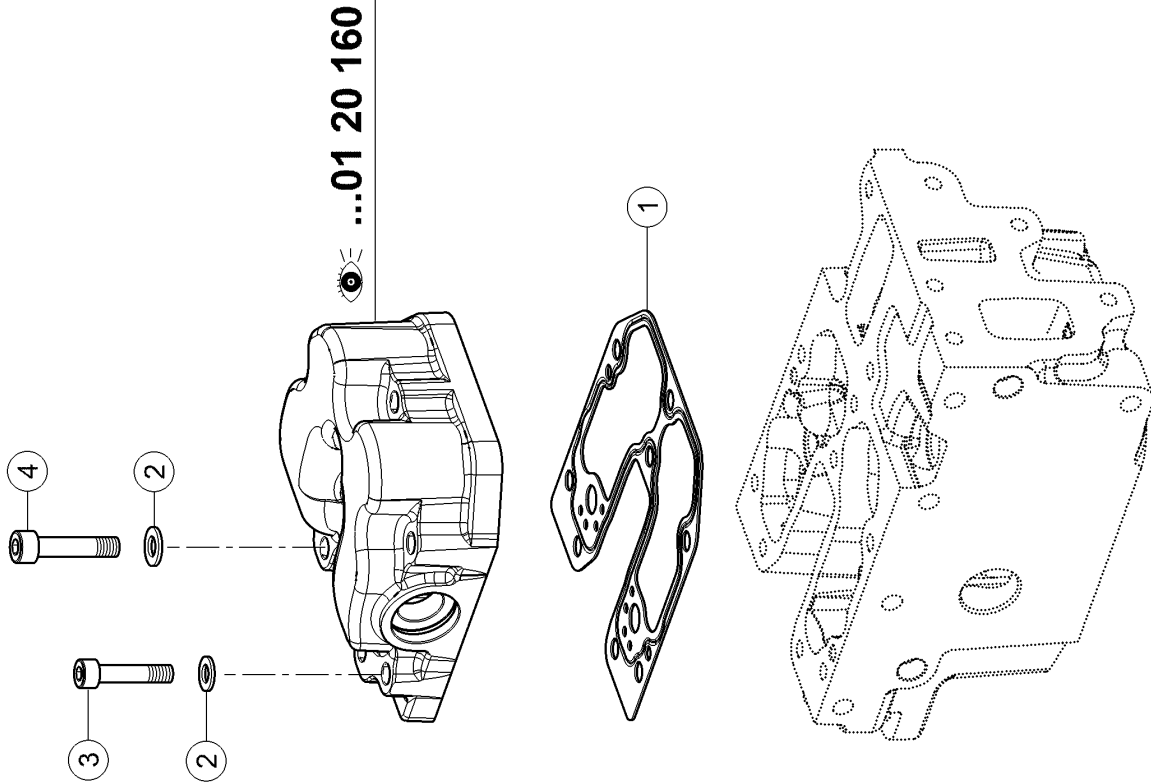
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**120 CYLINDER HEAD COVER**

<b>Pos.</b>	<b>Part No.</b>	<b>Description</b>	<b>Dimension</b>	<b>Quantity</b>	<b>Conditions</b>
1	<b>00 1154 078 0</b>	FLAT SEAL		3	
2	<b>00 0236 912 2</b>	FLAT WASHER	8 - 8,4X16X1,6	24	
3	<b>00 0238 043 1</b>	SOCKET HEAD SCREW	M 8X 40	12	
4	<b>00 0216 556 0</b>	SOCKET HEAD SCREW	M 8X 50	12	

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