

CATERPILLAR D6R

6FR / XEBP7438

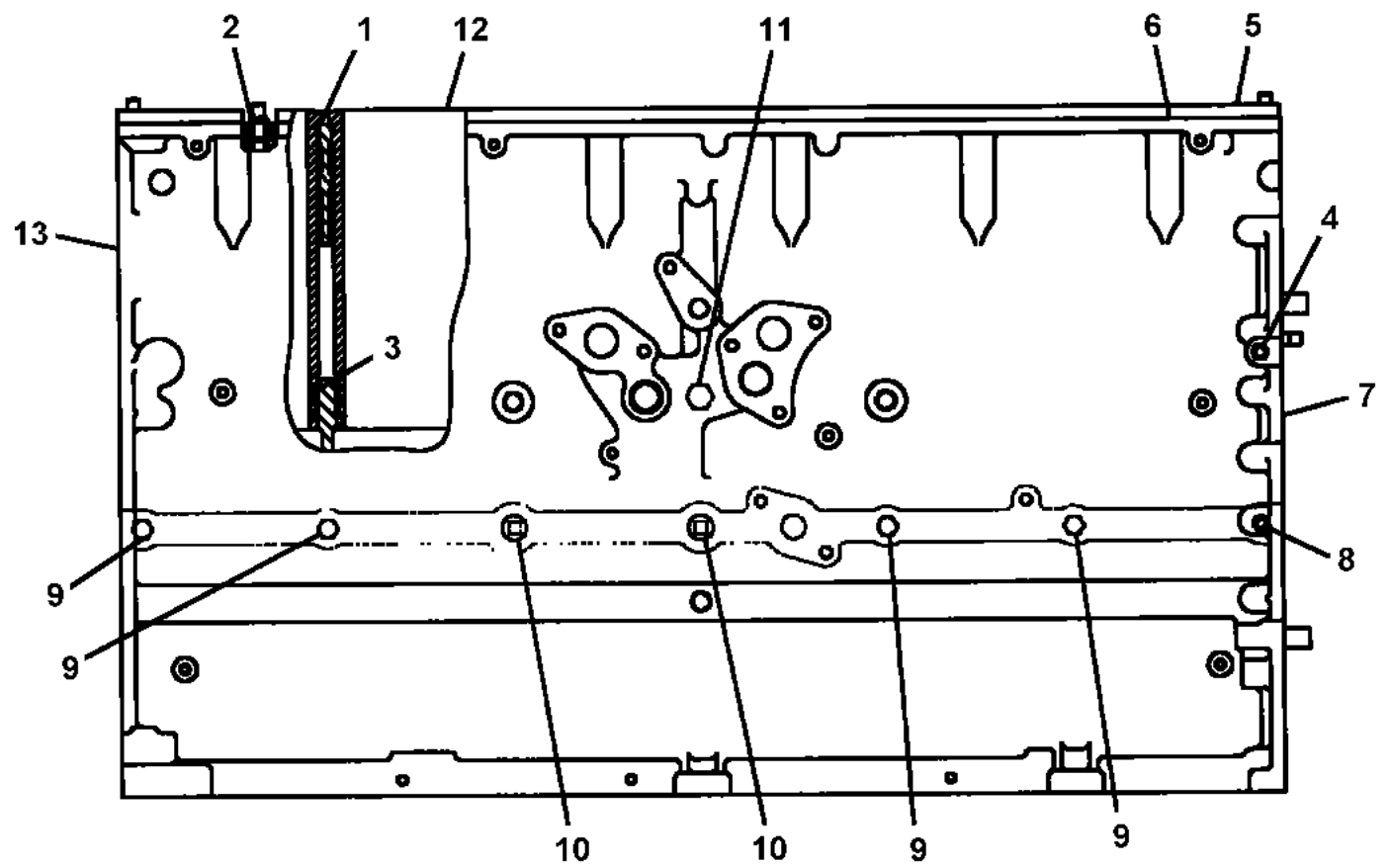
Contents

Section	Page
Basic engine	2
Lubrication system	
Cooling system	
Air inlet and exhaust	
Fuel system	
Basic engine	
Power train	
Electrical and electronics	
Power train	
Power train	
Cooling system	
Hydraulic system	
Hydraulic system	
Hydraulic system	
Air inlet and exhaust	
Catalog items	

8N-5286 CYLINDER BLOCK

CYLINDER BLOCK (8N5286 N/S) PART OF 1081073-Page 10, 12, 6, 8, 1081076-Page 14, 16, 18 1N3576-Page 21

Drawing 1 of 1



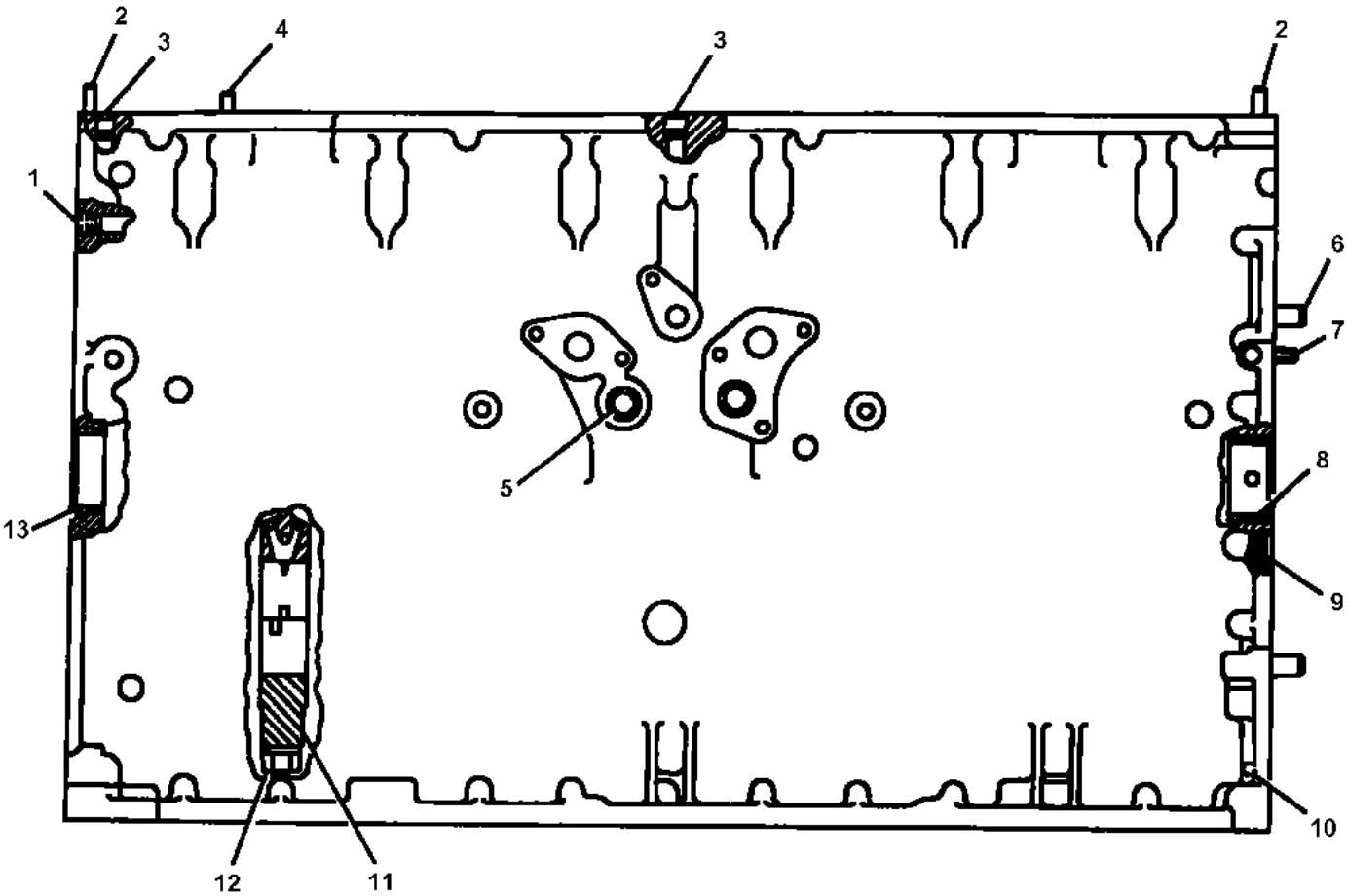
Ref.	Part number	Description	Qty	Code	Group page
1	2W-6134	BAND	6		
2	3S-5496	SEAL	1		
3	5S-6670	SEAL	18		
4	5M-6214	PLUG	1		
5	7N-7998	PLATE	1		
6	115-7550	GASKET	1		
7	1N-3576	BLOCK GROUP	1	Y	
8	7H-3171	PLUG	1		
9	5M-6213	PLUG	4		
10	2B-0858	PLUG	2		
11	8M-9307	PLUG	1		
	6F-7062	WASHER	1		
12	2P-8889	LINER	6		
13	2B-0858	PLUG	1	J	

CAT codes: J, Y.

1N-3576 CYLINDER BLOCK

1N3576 CYLINDER BLOCK GROUP PART OF 8N5286-Page 20

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	3J-6019	PLUG	1		
2	8K-1207	PIN	2		
3	5B-7652	DOWEL	2		
4	1S-9540	DOWEL	1		
5	4B-5387	PLUG	1		
6	8B-6349	DOWEL	2		
7	5S-8462	STUD	1		
8	8N-4110	BEARING	1		
9	4B-3938	PLUG	1		
10	4B-9782	BALL	1		
11	1P-2717	CAP	7		
12	7S-3224	BOLT	14		
	2S-5658	WASHER	14		

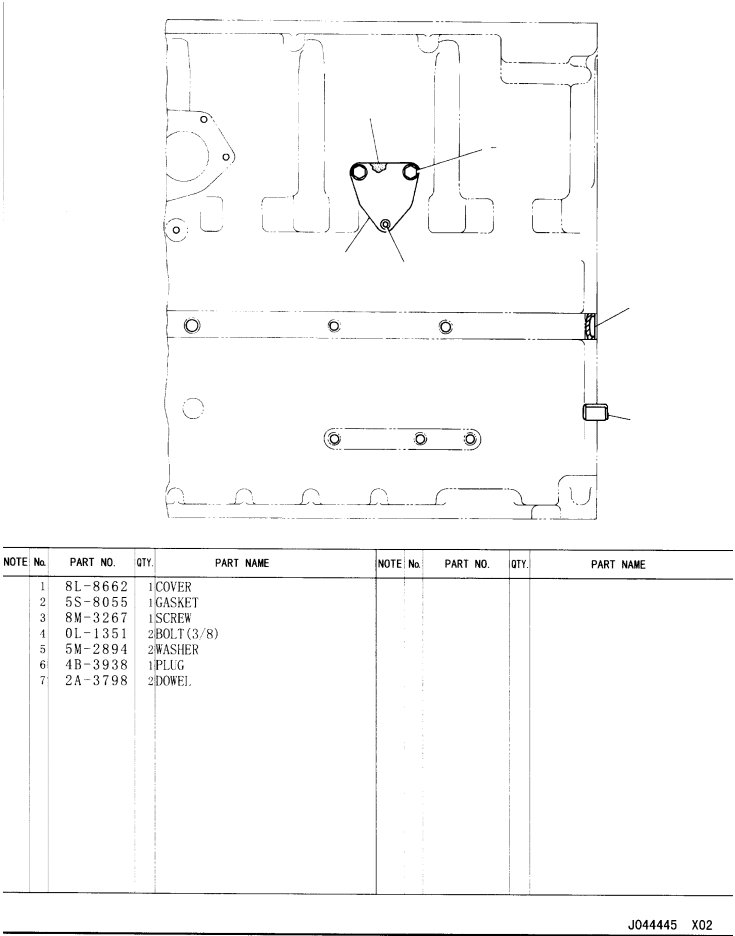
1N-3576 CYLINDER BLOCK (continued)

Ref.	Part number	Description	Qty	Code	Group page
13	7M-4046	BEARING	4		
THE FOLLOWING REPAIR KITS ARE AVAILABLE:					
1	6N-7727	KIT (CYLINDER BLOCK HARDWARE) (INCLUDES ORIFICE, PLUG, DOWEL, & sleeve)	1		

7N-1342 CYLINDER BLOCK COVER

CYLINDER BLOCK COVER (7N1342 N/S) PART OF 1081073-Page 10, 12, 6, 8, 1081076-Page 14, 16, 18

Drawing 1 of 1

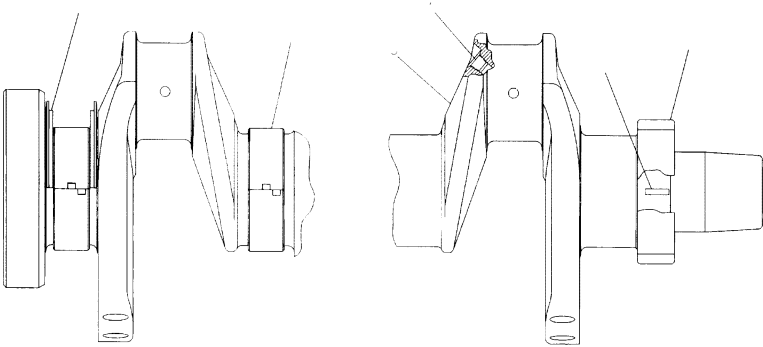


Ref.	Part number	Description	Qty	Code	Group page
1	8L-8662	COVER	1		
2	5S-8055	GASKET	1		
3	8M-3267	SCREW	1		
4	0L-1351	BOLT (3/8)	2		
5	5M-2894	WASHER	2		
6	4B-3938	PLUG	1		
7	2A-3798	DOWEL	2		

4P-9856 CRANKSHAFT

CRANKSHAFT (4P9856 N/S) PART OF 1081073-Page 10, 12, 6, 8, 1081076-Page 14, 16, 18

Drawing 1 of 1



NOTE	No.	PART NO.	QTY.	PART NAME	NOTE	No.	PART NO.	QTY.	PART NAME
A	1	7N-9342	2	PLATE					
	2	4W-5738	7	BEARING					
		8N-8225	7	BEARING (0.25MM UNDERSIZE)					
		8N-8226	7	BEARING (0.51MM UNDERSIZE)					
A		8N-8227	7	BEARING (0.76MM UNDERSIZE)					
	3	4P-9857	1	CRANKSHAFT ASSEM.					
	4	9F-2247	6	PLUG					
	5	5H-2671	1	KEY					
	6	4P-7827	1	GEAR (33 TEETH)					
A-NOT PART OF THIS GROUP					J056353 X02				

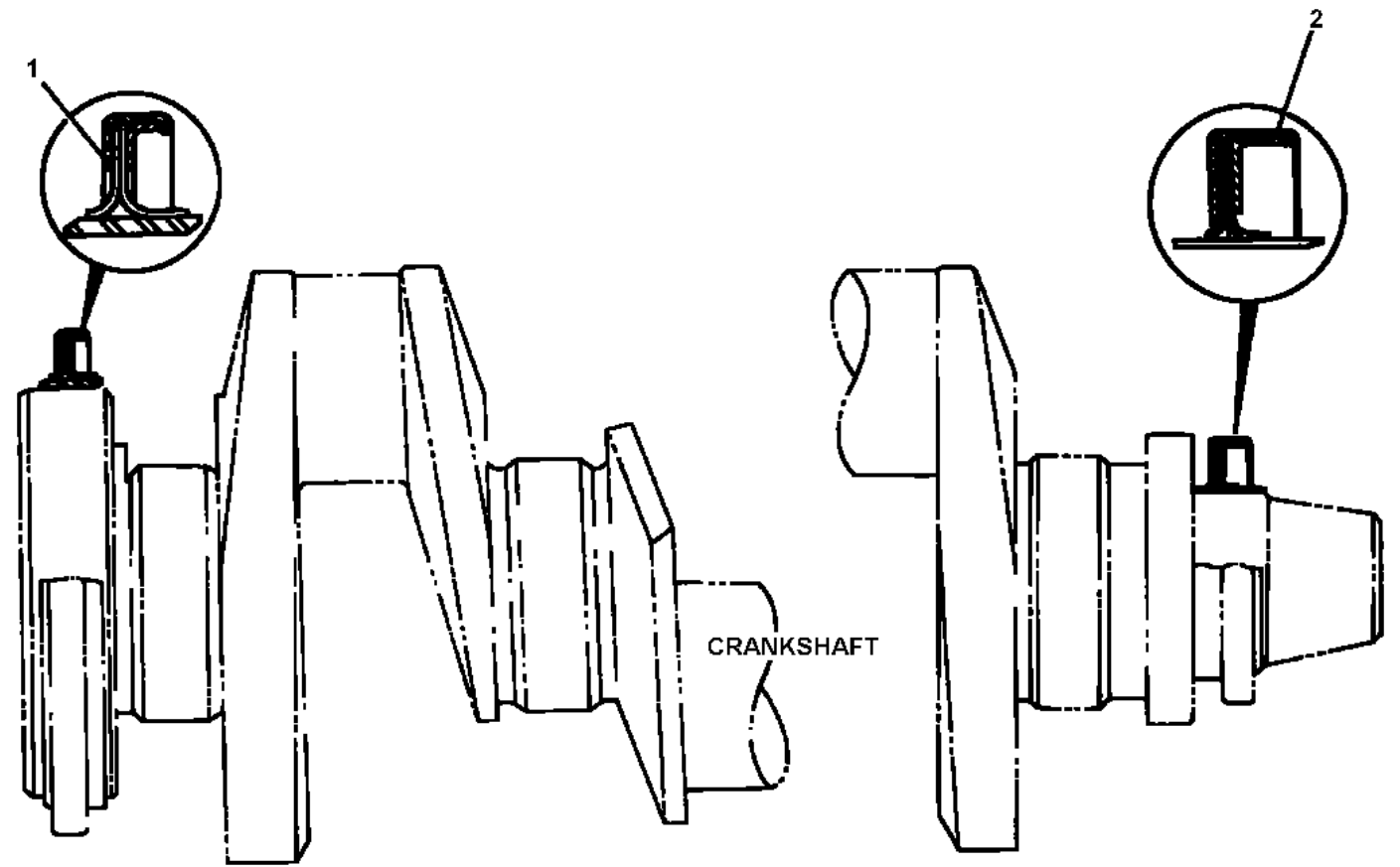
Ref.	Part number	Description	Qty	Code	Group page
1	7N-9342	PLATE	2		
2	4W-5738	BEARING	7		
	8N-8225	BEARING (0.25MM UNDERSIZE)	7	A	
	8N-8226	BEARING (0.51MM UNDERSIZE)	7	A	
	8N-8227	BEARING (0.76MM UNDERSIZE)	7	A	
3	4P-9857	CRANKSHAFT ASSEM.	1		
4	9F-2247	PLUG	6		
5	5H-2671	KEY	1		
6	4P-7827	GEAR (33 TEETH)	1		

CAT codes: A.

2P-6226 CRANKSHAFT SEAL

CRANKSHAFT SEAL (2P6226 N/S) PART OF 1081073-Page 10, 12, 6, 8, 1081076-Page 14, 16, 18

Drawing 1 of 1

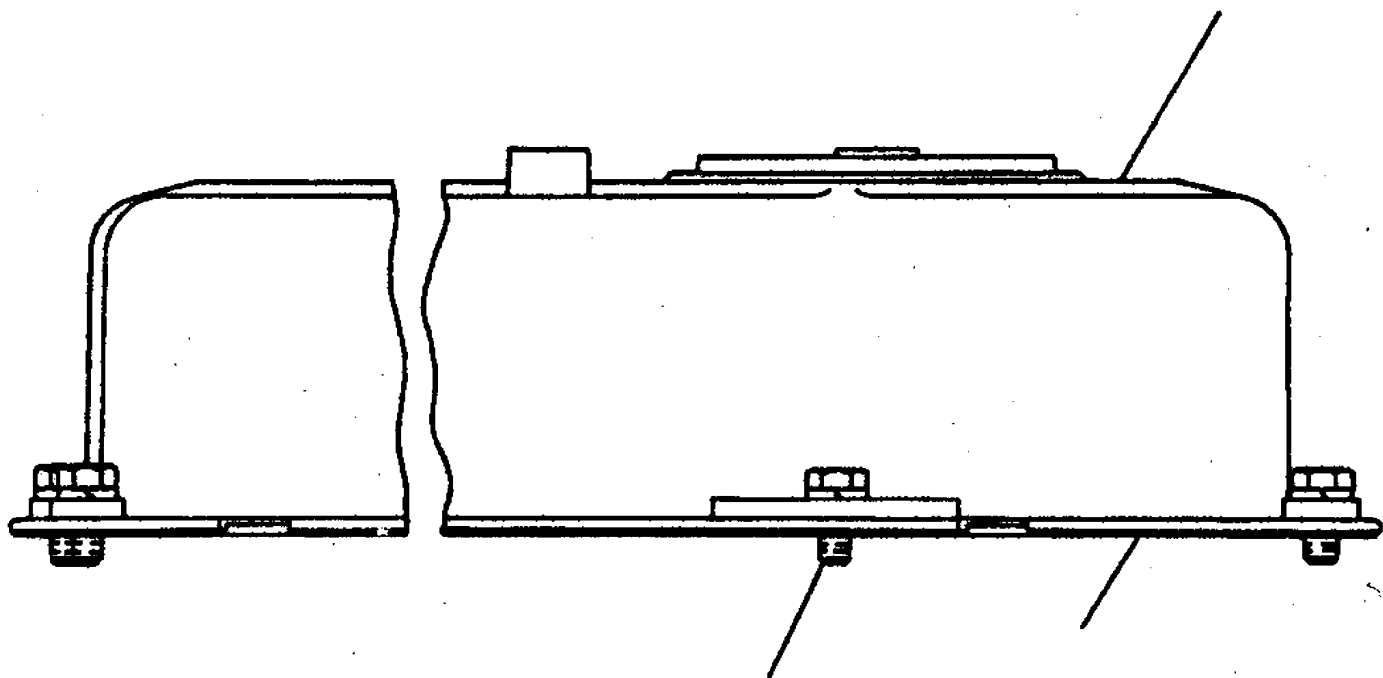


Ref.	Part number	Description	Qty	Code	Group
1	7C-4297	SEAL GROUP	1		page
2	9Y-9895	SEAL GROUP	1		

8N-4745 VALVE MECHANISM COVER

VALVE MECHANISM COVER (8N4745 N/S) PART OF 1081073-Page 10, 12, 6, 8, 1081076-Page 14, 16, 18

Drawing 1 of 1

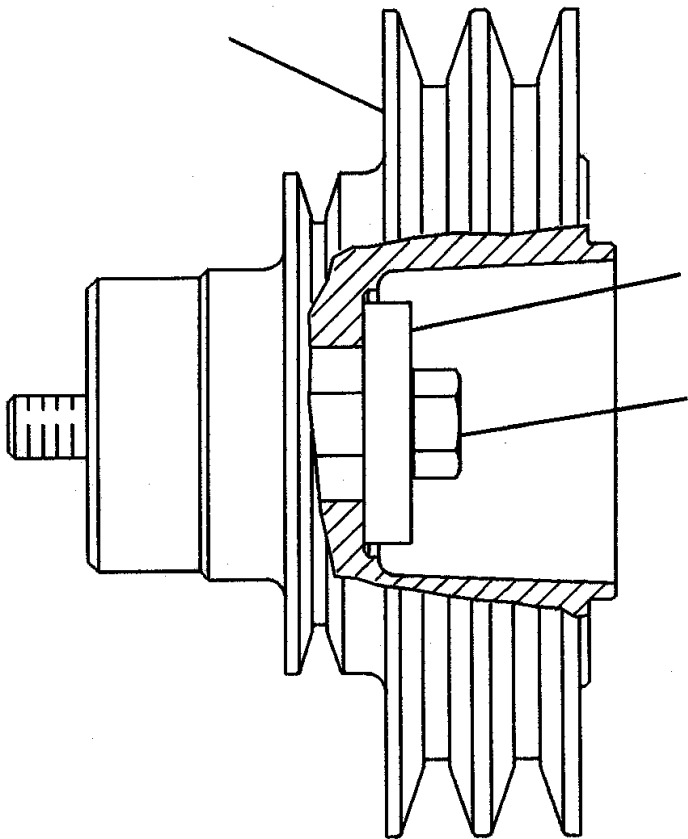


Ref.	Part number	Description	Qty	Code	Group page
1	2W-1086	COVER ASSEM.	1		
2	4M-0061	BOLT (5/16)	15		
	3B-4505	LOCKWASHER	15		
3	8S-1605	GASKET	1		

109-5176 CRANKSHAFT PULLEY

CRANKSHAFT PULLEY (1095176 N/S) PART OF 1081073-Page 10, 12, 6, 8, 1081076-Page 14, 16, 18

Drawing 1 of 1

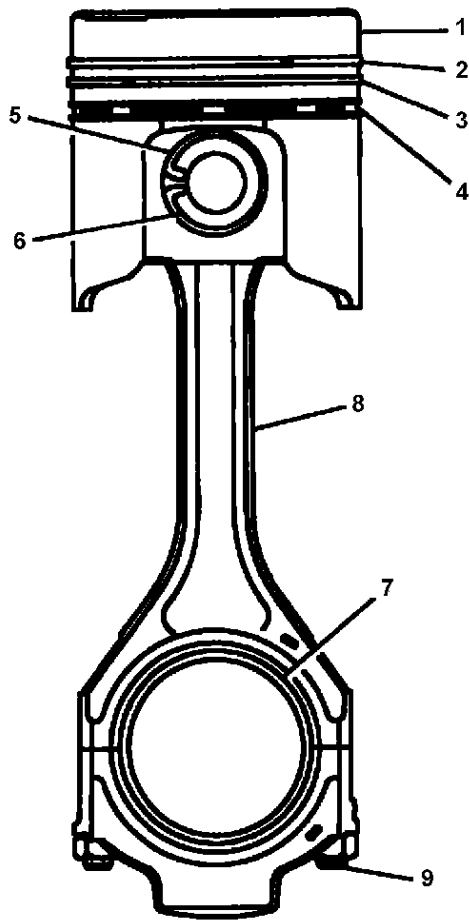


Ref.	Part number	Description	Qty	Code	Group page
1	109-4848	PULLEY-CRANKSHAFT	1		
2	5S-9948	WASHER-PULLEY	1		
3	7B-5163	BOLT (3/4-16X4.75 IN)	1		

1W-6588 CONNECTING ROD AND PISTON

CONNECTING ROD AND PISTON (1W6588 N/S)-6 REQUIRED EFFECTIVE WITH SERIAL NO. 6FR00001-6FR00524, 4WR00001-4WRR00427 PART OF 1081073-Page 10, 12, 6, 8, 1081076-Page 14, 16, 18

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	1W-6759	PISTON GROUP	1		
2	9S-3029	RING (TOP)	1	J	
3	5S-6750	RING (INTERMEDIATE)	1	J	
4	7E-6047	RING (OIL)	1	J	
5	1S-9543	RETAINER	2		
6	7N-9805	PIN	1		
7	4W-5739	BEARING (STANDERD)	1		
	8N-8221	BEARING (0.25MM UNDERSIZE)	1	A	
	8N-8222	BEARING (0.51MM UNDERSIZE)	1	A	
	8N-8223	BEARING (0.76MM UNDERSIZE)	1	A	
8	8N-1721	CONNECTING ROD ASSEM.	1		
	8N-1849	BEARING	1		
9	1P-9956	BOLT	2		
	5S-6348	NUT	2		

MANUALS-KOMATSU.COM

Complete Caterpillar PDF Parts Catalogue

6FR-XEBP7438

\$99

Buy on this catalogue page in our store.

Download instructions are sent after payment confirmation.

Buy complete PDF - \$99