

CATERPILLAR 580

7CN / SEBP2898

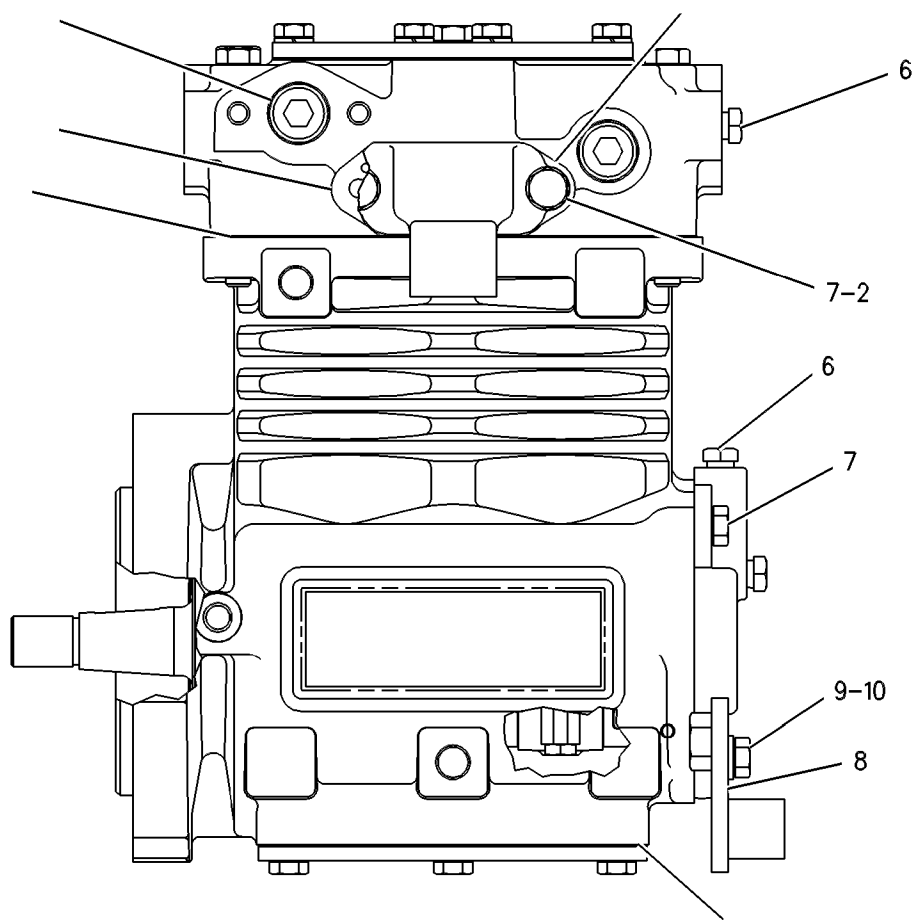
Contents

Section	Page
Basic engine	2
Lubrication system	
Cooling system	
Air inlet and exhaust	
Fuel system	
Basic engine	
Basic engine	
Electrical and electronics	
Hydraulic system	
Frame, guards and enclosure	
Hydraulic system	
Steering and brakes	
Hydraulic system	
Air inlet and exhaust	
Catalog items	

145-0840 AIR COMPRESSOR GP

145-0840 AIR COMPRESSOR GP S/N 7CN1-UP PART OF 166-2540 AIR COMPRESSOR GP AN ATTACHMENT

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	8M-7065	GASKET-AIR INLET	1		
2	3B-4505	LOCKWASHER (5/16IN)	2		
3	7W-5499	ELBOW	1		
4	6V-0387	PLUG-PIPE (1/2 NPF)	2		
5	4P-3977	GASKET-CYLINDER HEAD	1		
6	8T-6764	PLUG-PIPE (1/8-27 NPTF THD)	3		
7	0S-1617	BOLT (5/16-18X.75IN)	4		
8	144-5903	BRACKET AS	1		
	8T-3490	NUT-WELD (M10X1.5 THD)	1	M	
9	0S-1618	BOLT (5/16-18X1.0IN)	2		
10	9M-1974	WASHER-HARD (2MM THK)	2		
11	7E-8928	GASKET-BASE	1		
AVAILABLE REPAIR KIT(S):					
	7E-8923	KIT-CRANKSHAFT BEARING	1		
(INCL SEALS, BEARINGS, WASHERS, INSERTS, AND GASKETS)					

145-0840 AIR COMPRESSOR GP (continued)

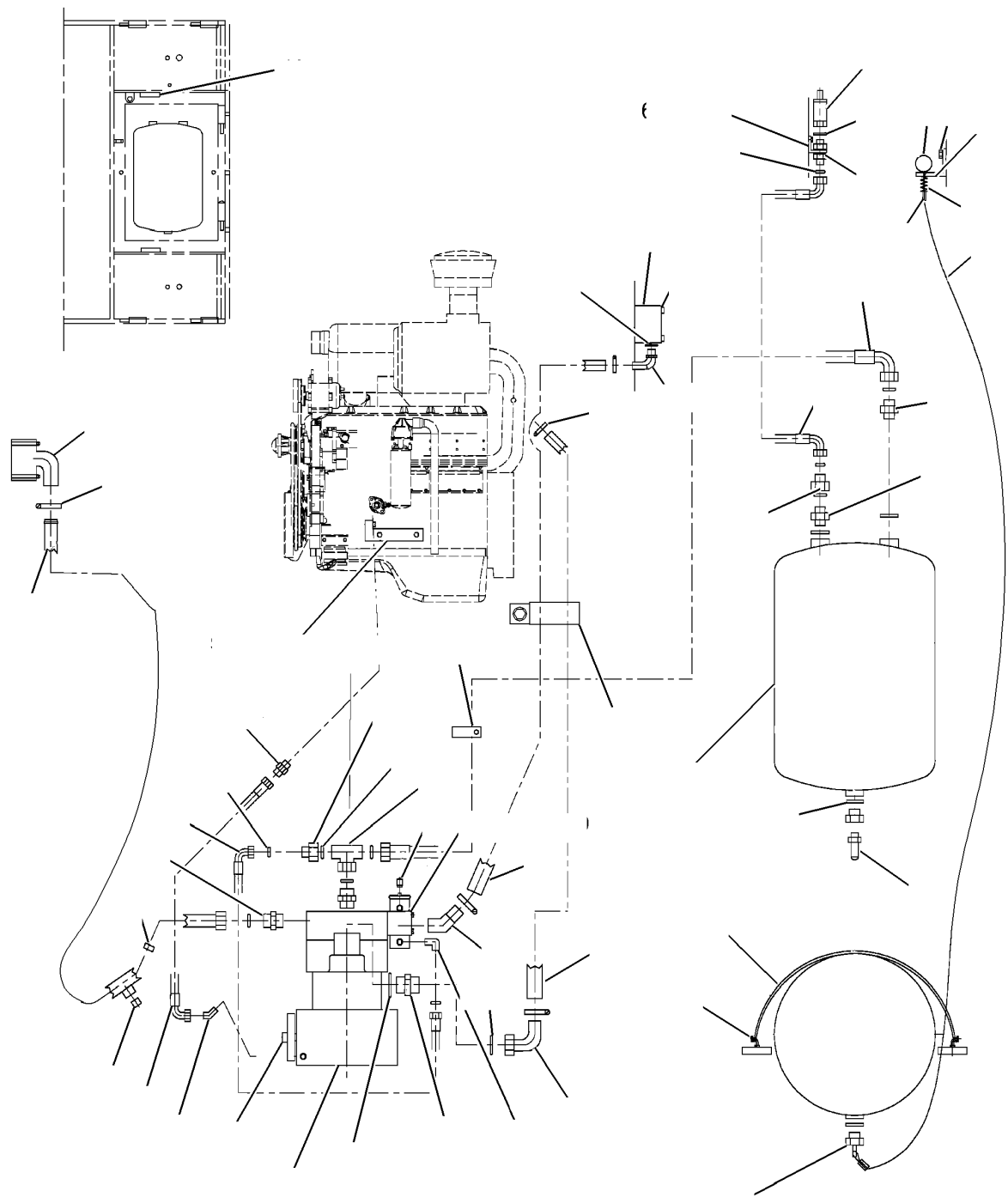
Ref.	Part number	Description	Qty	Code	Group page
	7E-8925	KIT-STANDARD RING	1		
(INCL RINGS AND INST SHEET)					
	7E-8926	KIT-CYLINDER HEAD	1		
(INCL GASKETS, SPRINGS, VALVES, SEATS, PISTONS STOPS, AND O-RING)					
	4P-3966	PISTON & ROD AS	1		
	150-5146	KIT-UNLOADER	1		

CAT codes: M.

166-2540 AIR COMPRESSOR GP

166-2540 AIR COMPRESSOR GP S/N 7CN1-UP AN ATTACHMENT

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	145-0840	AIR COMPRESSOR GP	1	Y	
2	166-6318	FITTING	1		
3	156-1233	FITTING	1		
4	174-6802	SEAL	4		
5	161-1303	BRACKET	1		

166-2540 AIR COMPRESSOR GP (continued)

Ref.	Part number	Description	Qty	Code	Group page
6	161-4757	BRACKET	1		
7	162-5781	CABLE	1		
8	162-5870	VALVE	1		
9	162-5871	VALVE	1		
10	162-5872	TANK	1		
11	162-5873	SPRING	1		
12	162-5874	RING	1		
13	162-6008	STRAP	1		
14	5P-4116	WASHER-HARD (8.8X20.5X2MM THK)	1		
15	162-6094	CLAMP	2		
16	162-6130	ADAPTER	1		
17	162-6131	ADAPTER	1		
18	166-1212	U-BOLT	2		
19	5C-7261	NUT (M8X1.25 THD)	2	M	
20	2S-3440	CLAMP-HOSE	5		
21	6V-0405	SEAL (13.74MM ID)	1		
22	6V-8642	CONNECTOR	1		
23	6V-8554	NUT-FACE SEAL (13/16-16 THD)	2		
24	6V-8935	REDUCER-O-RING	2		
25	6V-9844	TEE-SWIVEL	1		
26	7X-0492	ELBOW	1		
27	8T-4223	WASHER-HARD (13.5X25.5X3MM THK)	2		
28	8C-6872	CONNECTOR	2		
29	8T-4189	BOLT (M8X1.25X20MM)	1	M	
30	8T-4224	WASHER-HARD (8.8X16X2MM THK)	5		
31	7X-2619	BOLT (M6X1.0X20MM)	1	M	
32	9X-8256	WASHER (6.6X12X2MM THK)	1		
33	8T-7491	CONNECTOR	2		
34	9L-5125	ELBOW	1		
35	9Y-9530	HOSE	1		
36	7E-5286	TUBE AS	1		
37	033-8248	CLIP	1		
38	9Y-9531	FLANGE	1		
39	9M-8443	GASKET	1		
40	8T-6466	BOLT (M10X1.50X60MM)	2	M	
41	8T-4121	WASHER-HARD (11X21X2.5MM THK)	6		

166-2540 AIR COMPRESSOR GP (continued)

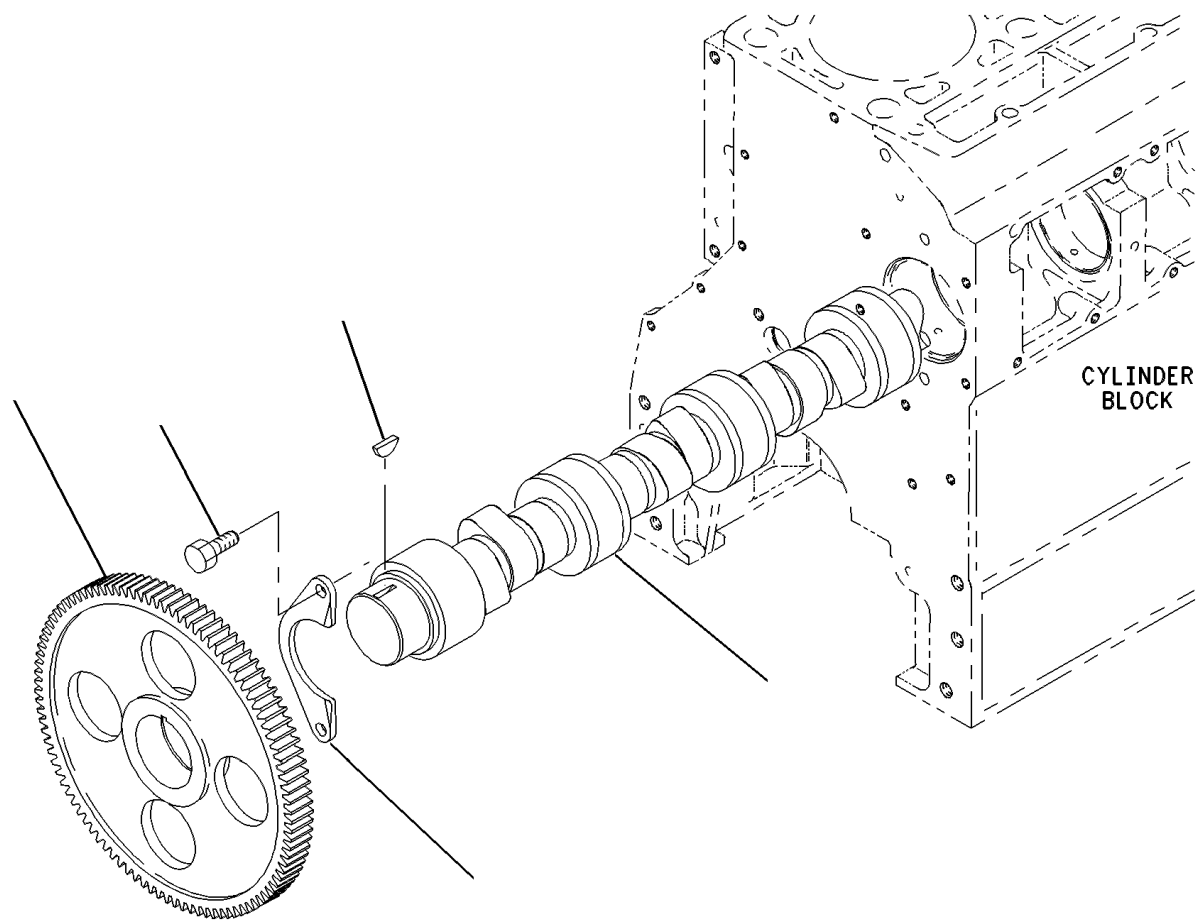
Ref.	Part number	Description	Qty	Code	Group page
42	6I-1240	GOVERNOR AS-AIR COMPRESSOR	1		
	2S-2923	COVER-GOVERNOR	1		
	9M-0402	KIT-GOVERNOR OVERHAUL	1		
(INCLUDES GROMMETS, FILTERS, SPRING, VALVE, COVER, RING & GASKET)					
43	7X-0274	BOLT (5/16-18X2.75 IN)	2		
44	160-6059	HOSE AS	1	I	
45	160-6058	HOSE AS	1	I	
46	160-6012	HOSE AS	1	I	
47	039-3593	HOSE AS	1	I	
48	5P-0767	HOSE (102CM)		E	
49	9X-2133	HOSE (80CM)		E	
50	3K-0360	SEAL-O-RING	1		
51	2M-9780	SEAL-O-RING	1		
52	6V-8398	SEAL-O-RING	5		
53	7J-9108	SEAL-O-RING	1		
54	032-1339	ELBOW	1		
55	162-6125	ADAPTER	1		
56	5F-5434	VALVE AS-RELIEF	1		
57	7C-5478	SUPPORT-COMPRESSOR	1		
58	8T-4136	BOLT (M10X1.5X25MM)	3	M	
59	8T-4137	BOLT (M10X1.5X20MM)	1	M	
60	7C-3179	GEAR (50 TEETH)	1		
61	6B-6682	NUT-FULL (3/4-16 THD)	1		
62	9F-2247	PLUG-PIPE	1		
63	4J-5477	SEAL-O-RING	4		
64	6V-4292	ELBOW-O-RING	1		
65	1S-0994	CLIP	1		
66	6D-1641	CLIP	1		
67	8T-4189	BOLT (M8X1.25X20MM)	1	M	
68	172-2404	FILM-INSTRUCTION (AIR TANK WATER DRAIN)	1		
69	6L-1883	GASKET-GOVERNOR	1		

CAT codes: E, I, M, Y.

100-4966 CAMSHAFT GP

100-4966 CAMSHAFT GP S/N 6JK1933-UP PART OF 149-1156 ENGINE AR-CORE

Drawing 1 of 1



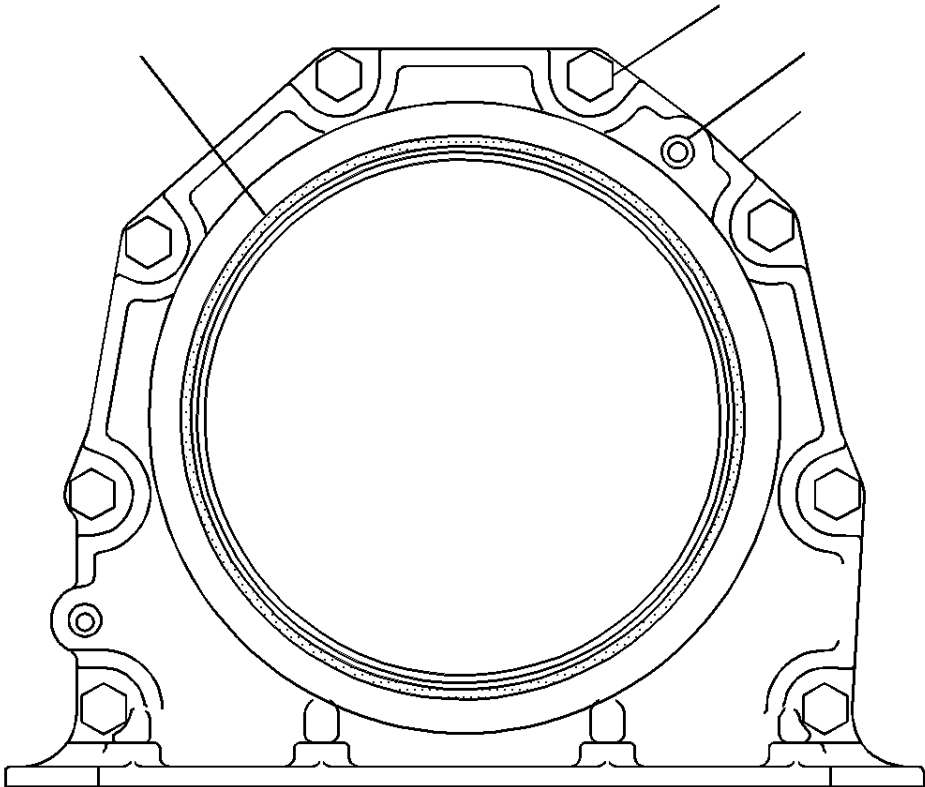
Ref.	Part number	Description	Qty	Code	Group page
1	100-6298	CAMSHAFT AS	1		
2	1B-8705	KEY-WOODRUFF	1		
3	7W-4070	GEAR (100 TEETH)	1		
4	107-7694	PLATE-THRUST	1		
5	6V-3940	BOLT (M8X1.25X25MM)	2	M	

CAT codes: M, R.

4W-3462 CARRIER GP-SEAL

4W-3462 CARRIER GP-SEAL S/N 6JK1933-UP PART OF 149-1155 ENGINE AR

Drawing 1 of 1



MOUNTED ON REAR OF CYLINDER BLOCK

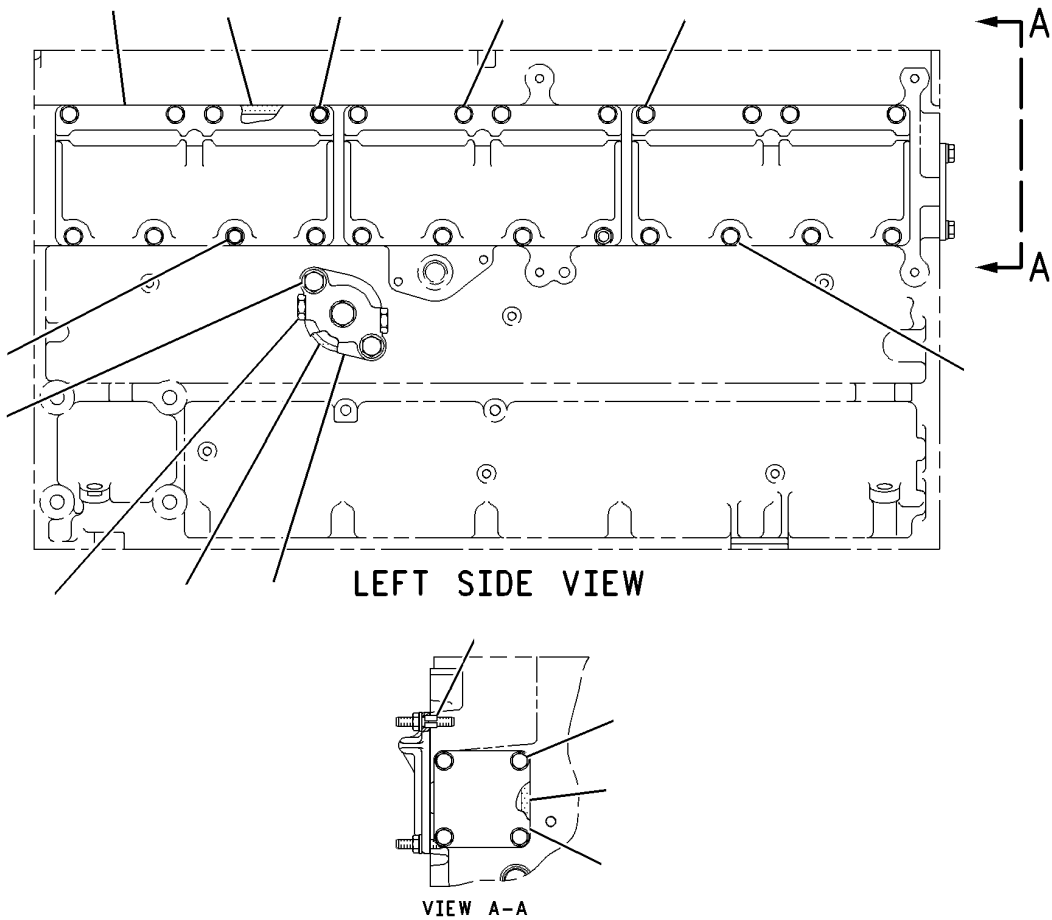
Ref.	Part number	Description	Qty	Code	Group page
1	6V-3940	BOLT (M8X1.25X25MM)	8	M	
2	9M-1974	WASHER-HARD (2MM THK)	8		
3	2W-6546	COVER	1		
4	1U-8846	SEALANT		B	
5	6V-3538	DOWEL (20MM OAL)	2		
6	8C-3091	SEAL-O-RING	1		

CAT codes: B, M.

4W-2108 COVER GP-CYLINDER BLOCK

4W-2108 COVER GP-CYLINDER BLOCK S/N 6JK1933-UP PART OF 149-1155 ENGINE AR

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	7W-3871	COVER-SIDE	3		
2	6V-2317	BOLT (M8X1.25X30MM)	10	M	
3	9M-1974	WASHER-HARD (2MM THK)	20		
4	2W-6544	COVER	1		
5	1U-8846	SEALANT		B	
6	6V-5217	BOLT (M8X1.25X20MM)	10	BM	
7	4Y-9652	GASKET	3		
8	7W-3872	SLEEVE	6		
9	6V-5839	WASHER (2.5MM THK)	2		
10	6V-5842	BOLT (M10X1.50X40MM)	2	M	
11	9S-4191	PLUG-O-RING (9/16-18 THD)	3		
12	3J-1907	SEAL-O-RING (11.89MM ID)	3		
13	4F-9653	SEAL-O-RING (46.99MM ID)	1		
14	9Y-0747	MANIFOLD-OIL	1		
15	6V-2317	BOLT (M8X1.25X30MM)	1	M	

4W-2108 COVER GP-CYLINDER BLOCK (continued)

Ref.	Part number	Description	Qty	Code	Group page
16	9M-1974	WASHER-HARD (2MM THK)	1		
17	9X-2099	STUD-BOLT	1	M	
18	8T-4224	WASHER-HARD (2MM THK)	1		
19	110-7618	BOLT AS	4		
20	9X-2097	STUDBOLT	1	M	
21	8T-4224	WASHER-HARD (2MM THK)	1		

CAT codes: B, M.

MANUALS-KOMATSU.COM

Complete Caterpillar PDF Parts Catalogue

7CN-SEBP2898

\$99

Buy on this catalogue page in our store.

Download instructions are sent after payment confirmation.

Buy complete PDF - \$99