

CATERPILLAR 621F

4SK / SEBP2255

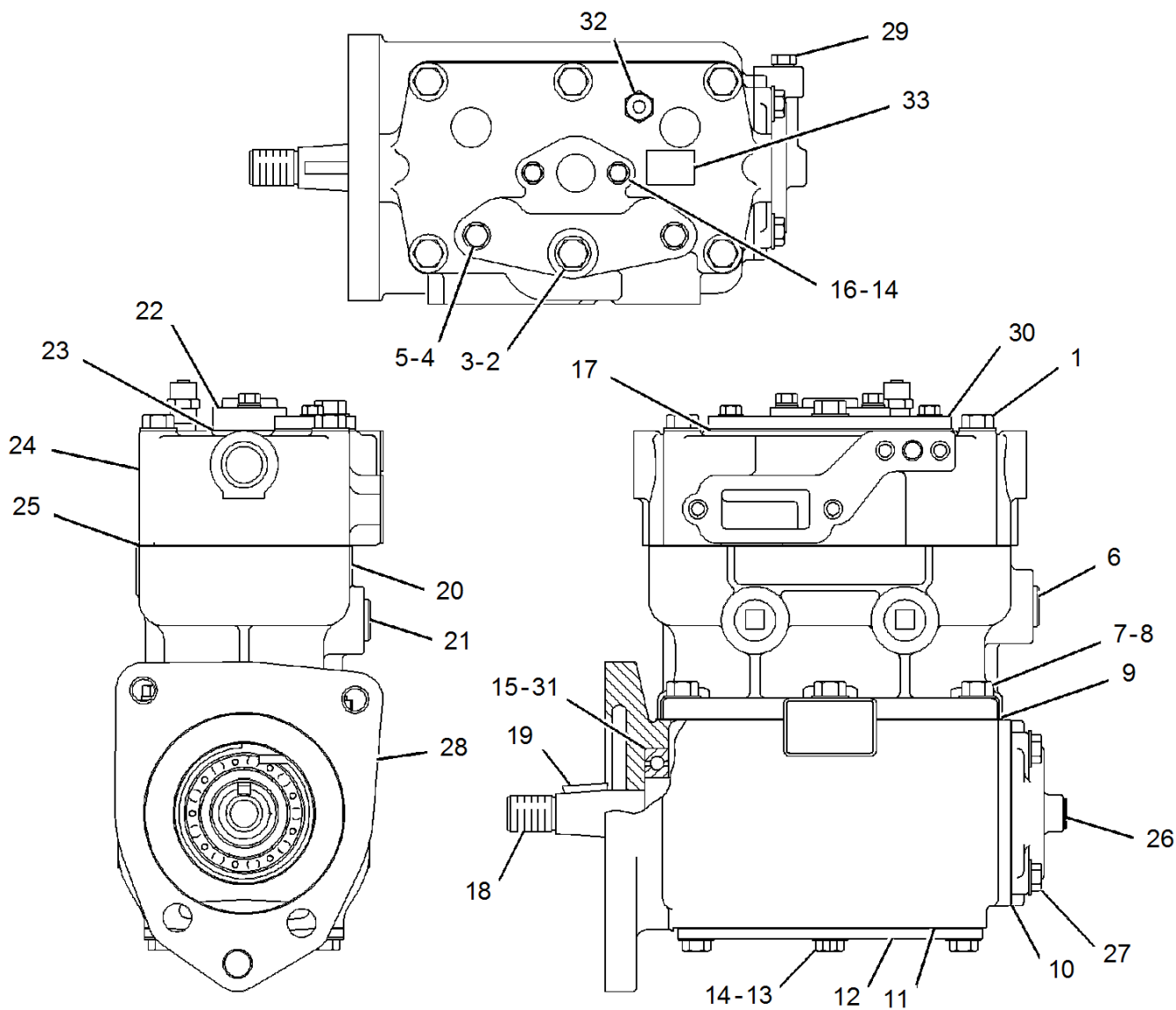
Contents

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

144-0745 AIR COMPRESSOR GP

144-0745 AIR COMPRESSOR GP S/N 4SK1-UP PART OF 1N-2981 AIR COMPRESSOR GP

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	0S-1619	BOLT (3/8-16X3-IN)	5		
2	0L-1352	BOLT (3/8-16X3.25-IN)	1		
3	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	1		
4	0S-1615	BOLT (1/4-20X0.75-IN)	2		
5	3B-4504	LOCKWASHER	2		
6	2B-0858	PLUG-PIPE	1		
7	1A-2029	BOLT (3/8-16X1.125-IN)	6		
8	3B-4506	LOCKWASHER	6		
9	7N-7446	GASKET	1		

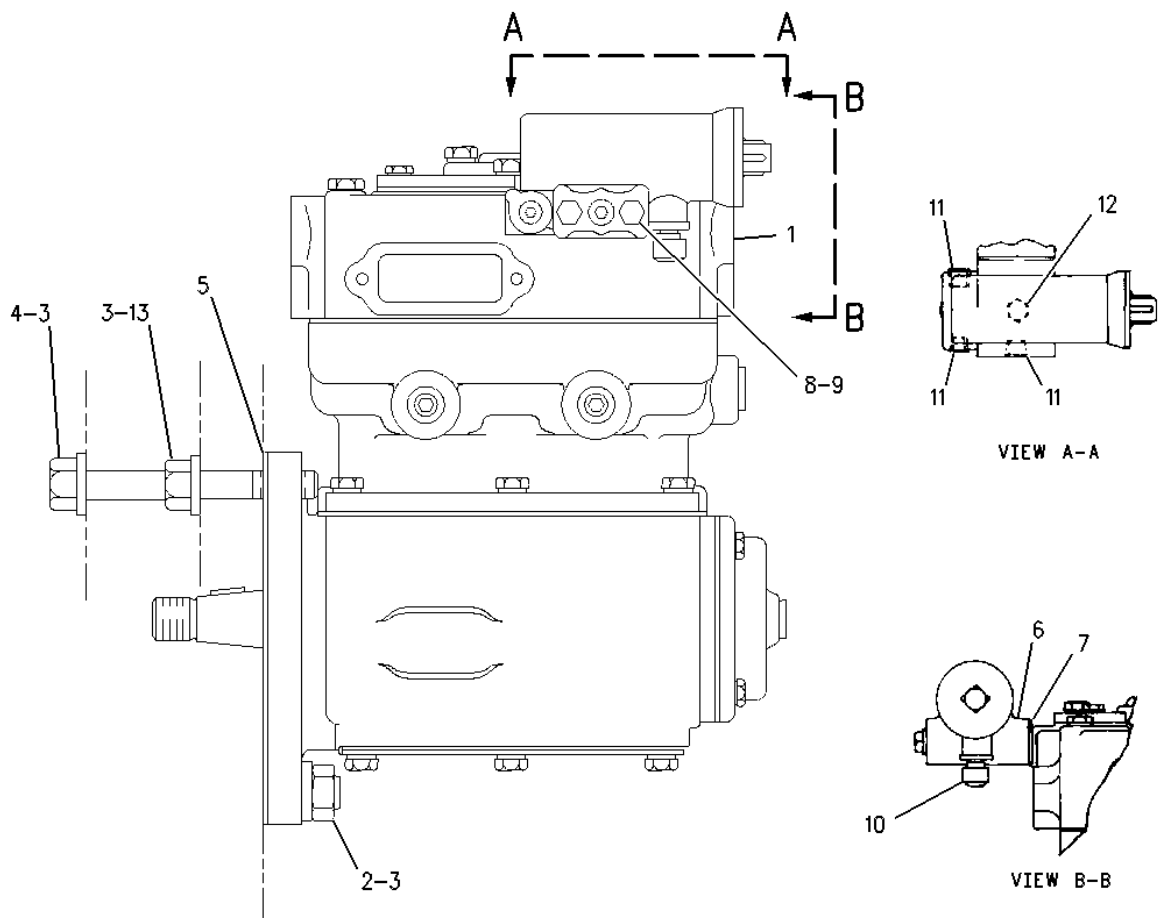
144-0745 AIR COMPRESSOR GP (continued)

Ref.	Part number	Description	Qty	Code	Group page
10	7N-7442	GASKET	1		
11	7N-7440	GASKET	1		
12	7N-7439	PLATE-COVER	1		
13	0S-1617	BOLT (5/16-18X0.75-IN)	6		
14	3B-4505	LOCKWASHER	8		
15	8H-9789	BALL BEARING	2		
16	2B-2695	BOLT (5/16-18X0.875-IN)	2		
17	7N-7451	GASKET-UNLOADER	1		
18	4W-6706	CRANKSHAFT-AIR COMPRESSOR	1		
19	1B-8714	KEY-WOODRUFF	1		
20	7N-7445	CYLINDER BLOCK	1		
21	4B-4845	PLUG	2		
22	4W-9479	MANIFOLD-EXHAUST	1		
23	1S-7107	GASKET	1		
24	7N-7447	HEAD AS-COMPRESSOR	1		
	5L-5502	FITTING	1		
	124-5572	VALVE AS-RELIEF (AIR COMPRESSOR)	1		
25	7N-7448	GASKET	1		
26	7N-7441	COVER-AIR COMPRESSOR	1		
27	034-4160	BOLT-LOCKING (5/16-18X1-IN)	4		
28	4W-6681	CRANKCASE GP-AIR COMPRESSOR	1		
29	5M-6214	PLUG (1/8-27 PTF)	1		
30	7N-7450	COVER-UNLOADER	1		
31	4W-9489	RING-LOCK	1		
32	138-9057	VALVE (PRESSURE RELIEF)	1		
33	130-5997	PLATE-INFORMATION (AIR COMPRESSOR)	1		
AVAILABLE REPAIR KIT(S):					
	4P-6409	KIT-PIN (AIR COMPRESSOR)			
	7N-7435	KIT-AIR COMPRESSOR (MAJOR REPAIR)			
(INCLUDES GASKETS, PINS, SPRINGS, VALVES, SEATS, COVER, BEARINGS, SEALS, WASHERS, & GUIDES)					
	138-2887	KIT-ROD & BEARING (AIR COMPRESSOR)			
(INCLUDES ROD AS & BEARING KIT-0.010 O.S.)					
	144-0502	KIT-PISTON RING (STANDARD)(AIR COMPRESSOR)	1		
	144-0503	KIT-PISTON & RING (STANDARD)(AIR COMPRESSOR)	1		
(INCLUDES PISTON, BUTTON, & RING KIT)					

1N-2981 AIR COMPRESSOR GP

1N-2981 AIR COMPRESSOR GP S/N 4SK1-UP PART OF 321-6313, 321-6314, 321-6316 ENGINE AR Type 1

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	144-0745	AIR COMPRESSOR GP	1	YC	
2	1F-7958	NUT-FULL (1/2-13-THD)	1		
3	5P-8245	WASHER-HARD (13.5X25.5X3-MM THK)	3		
4	1D-4569	BOLT (1/2-13X4.25-IN)	1		
5	129-3948	SEAL-INTEGRAL	1		
6	1P-7125	GOVERNOR AS-AIR COMPRESSOR	1		
	2S-2923	COVER AS	1		
	9M-0402	KIT-GOVERNOR OVERHAUL (AIR COMPRESSOR)	1		
(INCLUDES COVER, GROMMETS, SPRING, FILTER & VALVE)					
7	6L-1883	GASKET	1		
8	9M-0378	BOLT (5/16-18X2.87-IN)	2		
9	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	2		
10	5F-5434	VALVE AS-VENT	1		

1N-2981 AIR COMPRESSOR GP (continued)

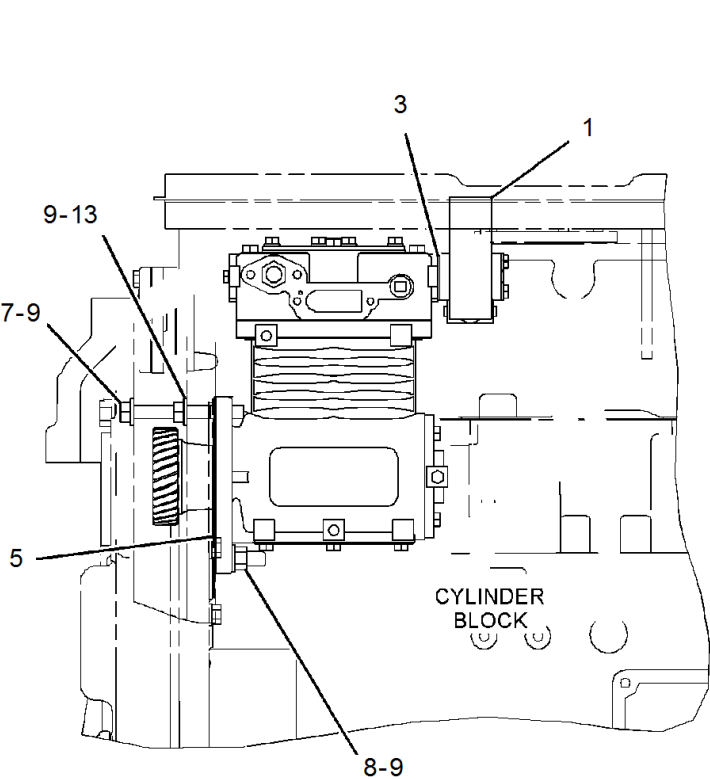
Ref.	Part number	Description	Qty	Code	Group page
11	9F-2247	PLUG-PIPE (1/8-27-THD)	3		
12	5M-6214	PLUG (1/8-27 PTF)	1		
13	9X-8873	BOLT (1/2-13X2.25-IN)	1		

CAT codes: C, R, Y.

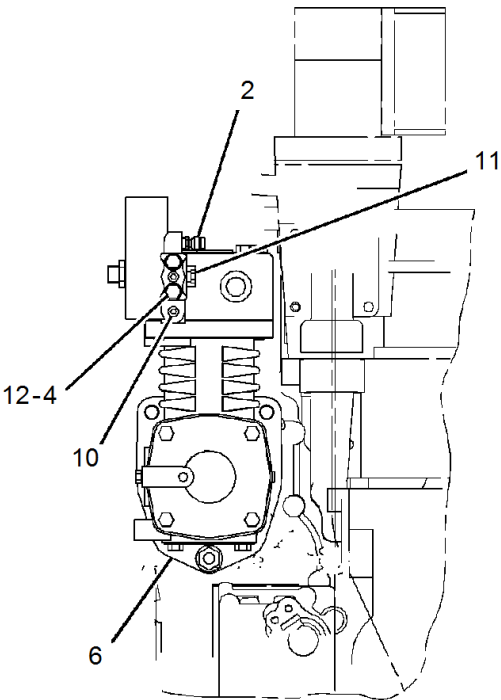
1N-2981 AIR COMPRESSOR GP

1N-2981 AIR COMPRESSOR GP S/N 4SK1-UP PART OF 321-6313, 321-6314, 321-6316 ENGINE AR Type 2

Drawing 1 of 1



LEFT SIDE VIEW OF ENGINE



REAR VIEW OF ENGINE

Ref.	Part number	Description	Qty	Code	Group page
1	1P-7125	GOVERNOR AS-AIR COMPRESSOR	1		
	2S-2923	COVER AS	1		
	9M-0402	KIT-GOVERNOR OVERHAUL (AIR COMPRESSOR)	1		
(INCLUDES COVER, GROMMETS, SPRING, FILTERS, VALVE, RING & GASKET)					
2	5F-5434	VALVE AS-VENT	1		
3	6L-1883	GASKET	1		
4	9M-0378	BOLT (5/16-18X2.87-IN)	2		
5	129-3948	SEAL-INTEGRAL	1		
6	354-7532	AIR COMPRESSOR GP	1	YC	
7	1D-4569	BOLT (1/2-13X4.25-IN)	1		
8	1F-7958	NUT-FULL (1/2-13-THD)	1		
9	5P-8245	WASHER-HARD (13.5X25.5X3-MM THK)	3		
10	8T-6757	PLUG-PIPE	3		

1N-2981 AIR COMPRESSOR GP (continued)

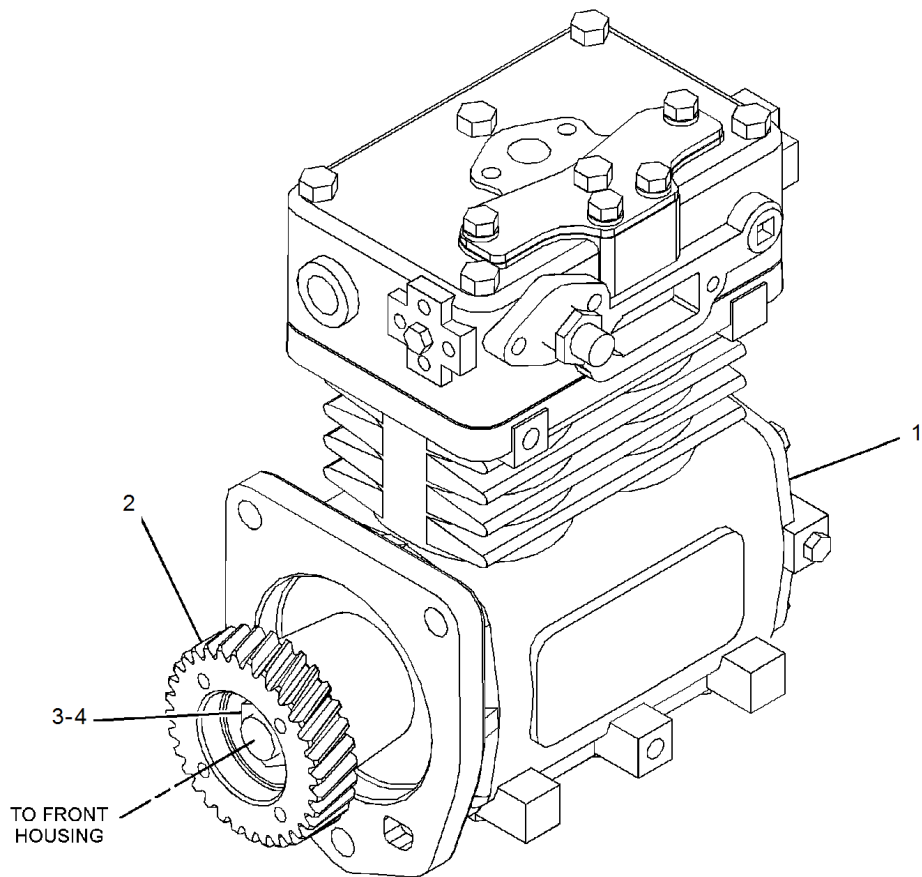
Ref.	Part number	Description	Qty	Code	Group page
11	8T-6764	PLUG-PIPE (1/8-27-THD)	1		
12	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	2		
13	9X-8873	BOLT (1/2-13X2.25-IN)	1		

CAT codes: C, Y.

354-7532 AIR COMPRESSOR GP

354-7532 AIR COMPRESSOR GP S/N 4SK1-UP; 11N7400-99999; 41Z469-UP PART OF 1N-2981, 4P-1912 AIR COMPRESSOR GP ALSO AN ATTACHMENT

Drawing 1 of 1



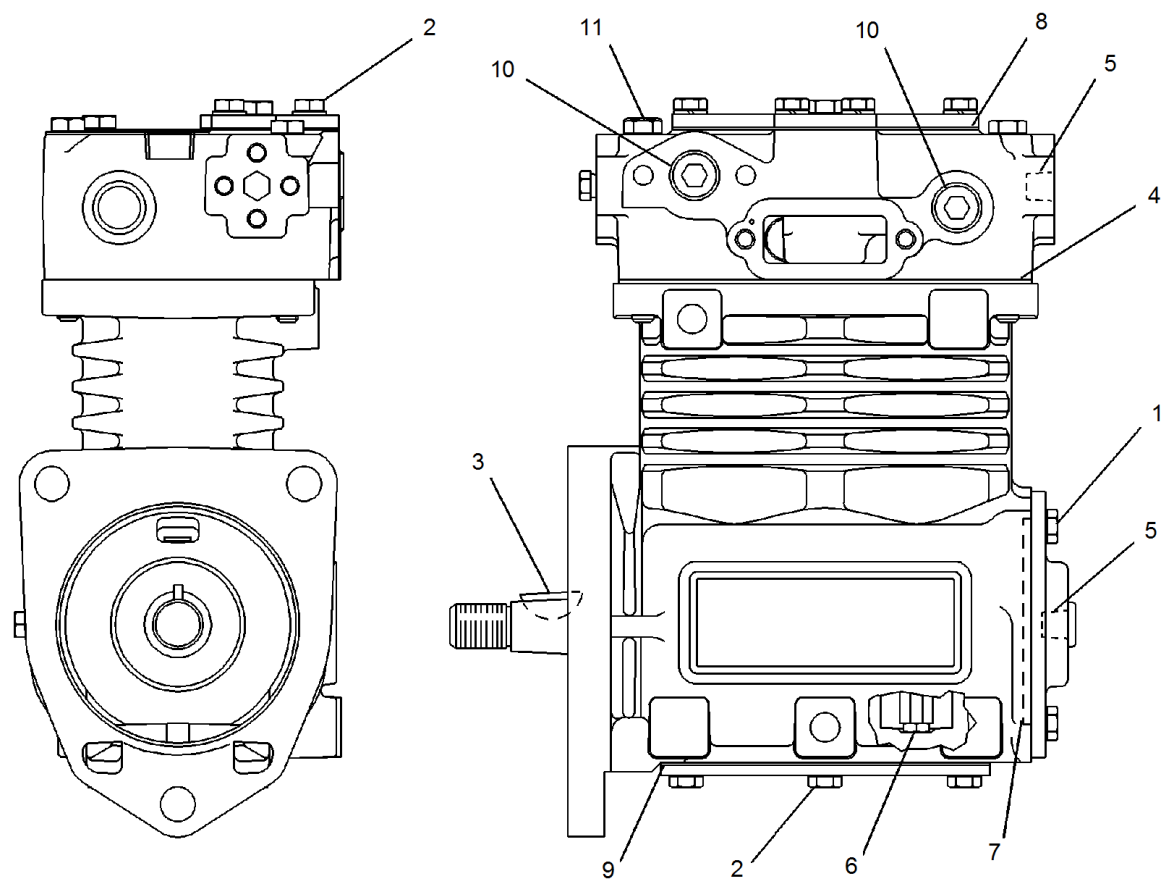
Ref.	Part number	Description	Qty	Code	Group page
1	4P-0676	AIR COMPRESSOR GP	1	Y	
2	7W-0140	GEAR-DRIVE (32-TEETH)	1		
3	5P-8248	WASHER-HARD (20X36.5X3.5-MM THK)	1		
4	6B-6682	NUT-FULL (3/4-16-THD)	1		

CAT codes: R, Y.

4P-0676 AIR COMPRESSOR GP

4P-0676 AIR COMPRESSOR GP S/N 4SK1-UP; 11N7400-99999; 41Z469-UP PART OF 354-7532 AIR COMPRESSOR GP ALSO AN ATTACHMENT

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	0S-1615	BOLT (1/4-20X0.75-IN)	4		
2	0S-1617	BOLT (5/16-18X0.75-IN)	10		
3	1B-8714	KEY-WOODRUFF	1		
4	4P-3977	GASKET-CYLINDER HEAD	1		
5	5M-6214	PLUG (1/8-27 PTF)	2		
6	4P-3966	PISTON & ROD AS	1		
7	7C-6178	BEARING-REAR	1		
8	7E-8927	GASKET-UNLOADER	1		
9	7E-8928	GASKET	1		
10	6V-0387	PLUG-PIPE	2		
11	8T-8915	BOLT (3/8-16X3.25-IN)	6		
AVAILABLE REPAIR KIT(S):					
	164-7572	KIT-RING (AIR COMPRESSOR)	1		
(INCL RINGS-STD PISTON,					

4P-0676 AIR COMPRESSOR GP (continued)

Ref.	Part number	Description	Qty.	Code	Group page
		RINGS-PSTN SEG, RINGS-STD SPACER, AND SHEET-INST)			
	7E-8926	KIT-CYLINDER HEAD (AIR COMPRESSOR)	1		
		(INCL GASKETS, PISTONS, SPRINGS, STOPS, VALVES, SEATS & O-RING)			
	7E-8923	KIT-CRANKSHAFT BEARING (AIR COMPRESSOR)	1		
		(INCL SEALS, BEARINGS, WASHERS, INSERTS, AND GASKETS)			
	150-5146	KIT-UNLOADER (AIR COMPRESSOR)	1		

MANUALS-KOMATSU.COM

Complete Caterpillar PDF Parts Catalogue

4SK-SEBP2255

\$99

Buy on this catalogue page in our store.

Download instructions are sent after payment confirmation.

Buy complete PDF - \$99