

CATERPILLAR 627E

6FB / SEBP1634

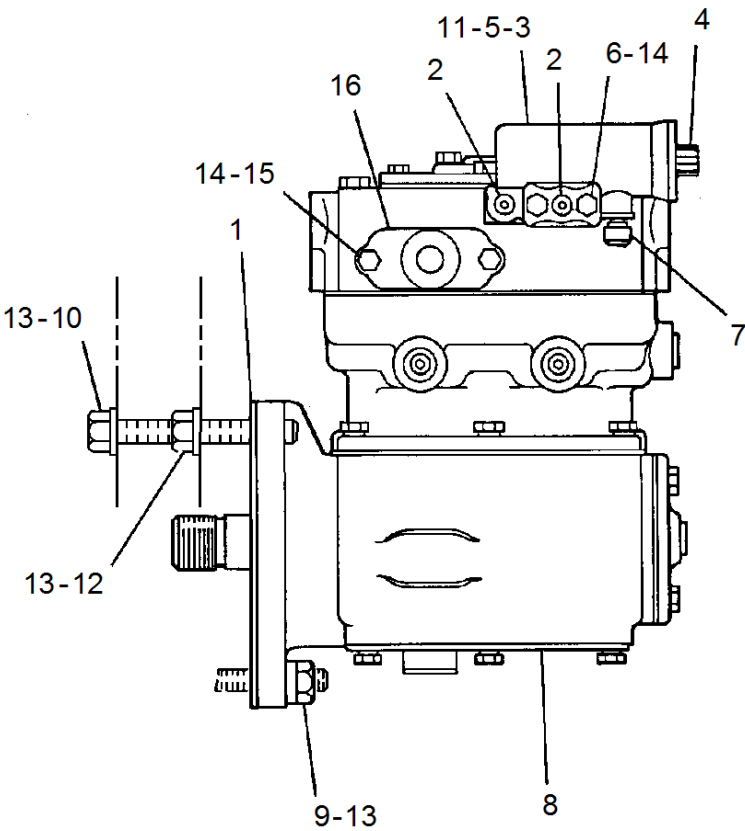
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1N-2981 AIR COMPRESSOR GP

1N-2981 AIR COMPRESSOR GP S/N 70V22151-99999 PART OF 1W-6904 ENGINE AR AN ATTACHMENT

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	129-3948	SEAL-INTEGRAL	1		
2	9F-2247	PLUG-PIPE (1/8-27-THD)	3		
3	1P-7125	GOVERNOR AS-AIR COMPRESSOR	1		
4	2S-2923	COVER AS	1		
5	6L-1883	GASKET	1		
6	9M-0378	BOLT (5/16-18X2.87-IN)	2		
7	5F-5434	VALVE AS-VENT	1		
8	4W-6425	AIR COMPRESSOR GP	1	YC	
9	1F-7958	NUT-FULL (1/2-13-THD)	1		
10	1D-4569	BOLT (1/2-13X4.25-IN)	1		
11	5M-6214	PLUG (1/8-27 PTF)	1		
12	9X-8873	BOLT (1/2-13X2.25-IN)	1		
13	5P-8245	WASHER-HARD (13.5X25.5X3-MM THK)	3		
14	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	4		
15	2B-2695	BOLT (5/16-18X0.875-IN)	2	C	

1N-2981 AIR COMPRESSOR GP (continued)

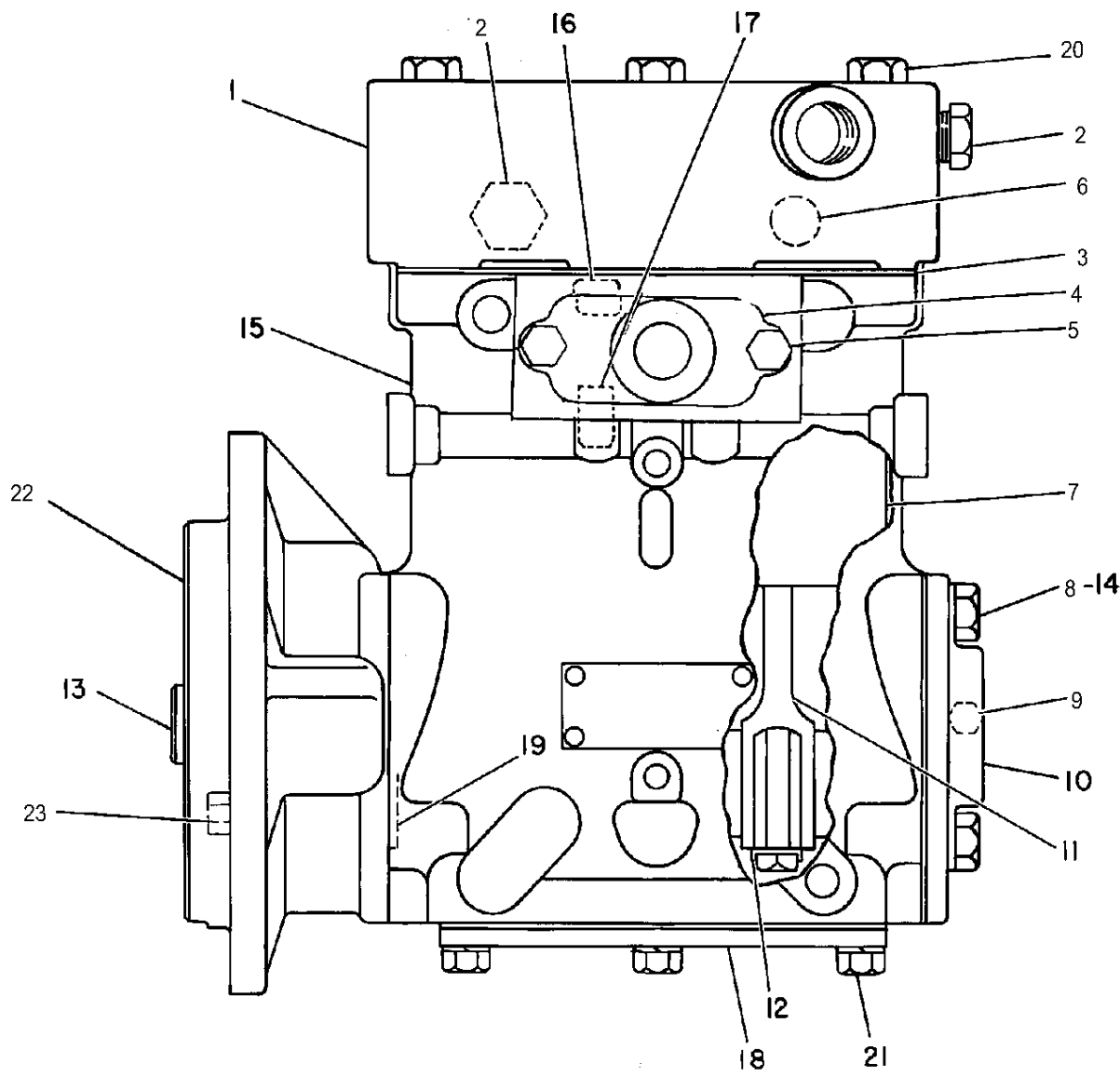
Ref.	Part number	Description	Qty	Code	Group page
16	9M-0397	ADAPTER	1	C	
	8M-7065	GASKET (AIR INLET)	1	C	
AVAILABLE REPAIR KIT(S):					
	9M-0402	KIT-GOVERNOR OVERHAUL (AIR COMPRESSOR)	1		
(INCLUDES COVER, GROMMETS, SPRING, FILTER & VALVE)					

CAT codes: C, R, Y.

1W-7145 AIR COMPRESSOR GP

1W-7145 AIR COMPRESSOR GP S/N 08Z33374-99999 12 CFM AT 1250 RPM PART OF 6N-7628 AIR COMPRESSOR GP

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	6N-2097	HEAD AS-COMPRESSOR	1		
2	3J-5389	PLUG (EXTERNAL)	2		
3	6N-2098	GASKET-CYLINDER HEAD	1		
4	9M-0397	ADAPTER	1		
	8M-7065	GASKET (AIR INLET)	1		
5	2B-2695	BOLT (5/16-18X0.875-IN)	2		
	3B-4505	LOCKWASHER	2		
6	2B-0858	PLUG-PIPE	1		

1W-7145 AIR COMPRESSOR GP (continued)

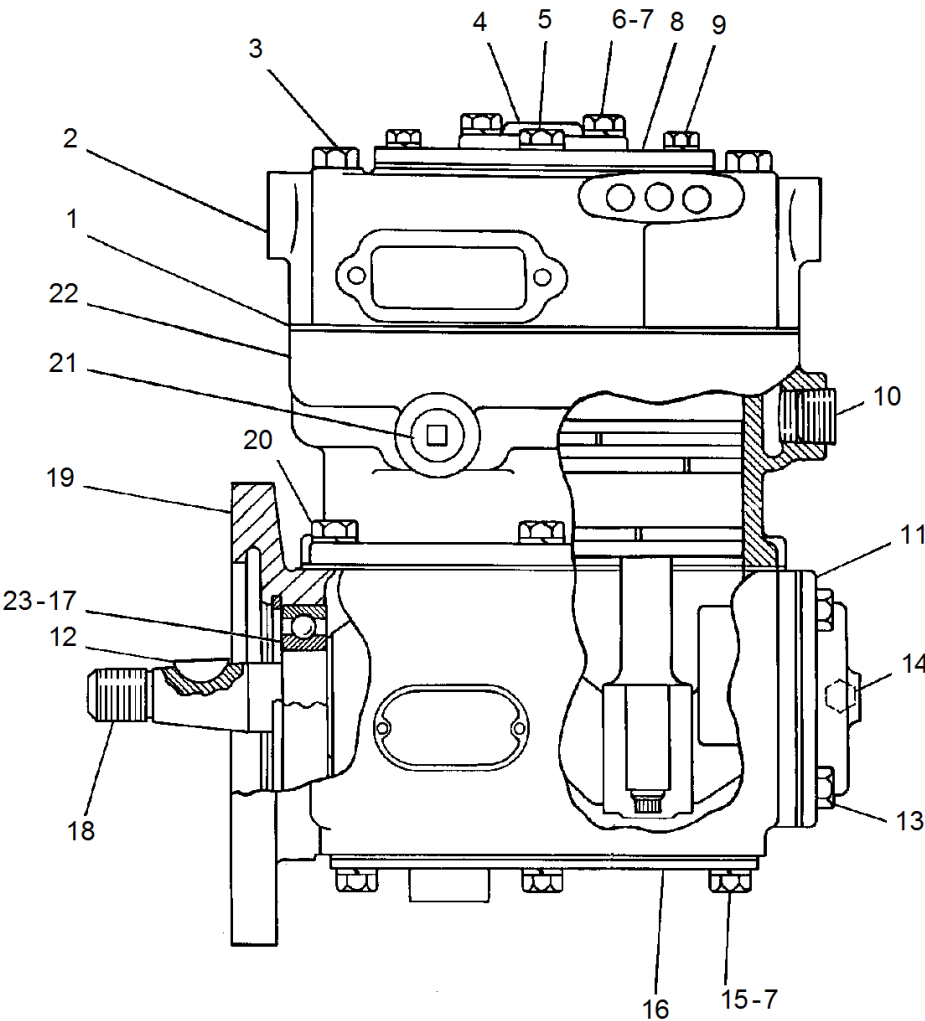
Ref.	Part number	Description	Qty	Code	Group page
7	7N-4837	PISTON AS-COMPRESSOR	2		
(EACH INCLUDES)					
	1W-2803	PLUG	2		
8	5P-0060	BOLT (7/16-14X0.75-IN)	4	B	
9	5M-6214	PLUG (1/8-27 PTF)	1		
10	6N-2100	COVER AS-REAR	1		
11	6N-2106	ROD AS-CONNECTING	2		
12	7N-0243	LOCK-ROD BOLT	2		
13	6N-7564	CRANKSHAFT-AIR COMPRESSOR	1		
14	3B-4507	LOCKWASHER	4		
15	8N-7653	CRANKCASE GP-AIR COMPRESSOR	1		
16	9M-0381	INSERT-INLET VALVE	2		
17	7N-6172	BUSHING-COMPRESSOR	2		
18	6N-6949	COVER-CRANKCASE	1		
	6N-0634	GASKET-COVER	1		
19	5M-6509	SEAL-O-RING	2		
20	0S-1619	BOLT (3/8-16X3-IN)	6		
21	0T-0102	BOLT (3/8-16X0.625-IN)	6		
	3B-4506	LOCKWASHER	6		
22	1W-7119	ADAPTER AS	1		
23	0T-0768	BOLT (7/16-14X1.75-IN)	4		
AVAILABLE REPAIR KIT(S):					
	8N-3666	KIT-AIR COMPRESSOR	1		
(INCLUDES PISTONS, GUIDE, PLUNGER, SEAT, SPRING, SADDLE, RINGS, BOLTS, LOCKWASHERS, WASHERS, LOCK)					
	6N-2109	KIT-PISTON RING (AIR COMPRESSOR)	1		
(INCLUDES PISTON, OIL & EXPANDER RINGS)					
	8N-3665	KIT-SEAL (AIR COMPRESSOR)	4		
(EACH INCLUDES O-RING SEALS & RETAINERS)					
	6I-1220	KIT-UNLOADER (AIR COMPRESSOR)	1		

CAT codes: B.

4W-6425 AIR COMPRESSOR GP

4W-6425 AIR COMPRESSOR GP S/N 70V22151-99999 PART OF 1N-2981 AIR COMPRESSOR GP AN ATTACHMENT

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	7N-7448	GASKET	1		
2	7N-7447	HEAD AS-COMPRESSOR	1		
3	0S-1619	BOLT (3/8-16X3-IN)	5		
4	4W-9479	MANIFOLD-EXHAUST	1		
	1S-7107	GASKET	1		
5	0L-1352	BOLT (3/8-16X3.25-IN)	1		
	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	1		
6	2B-2695	BOLT (5/16-18X0.875-IN)	2		
7	3B-4505	LOCKWASHER	8		
8	7N-7450	COVER-UNLOADER	1		
	7N-7451	GASKET-UNLOADER	1		
9	0S-1615	BOLT (1/4-20X0.75-IN)	2		

4W-6425 AIR COMPRESSOR GP (continued)

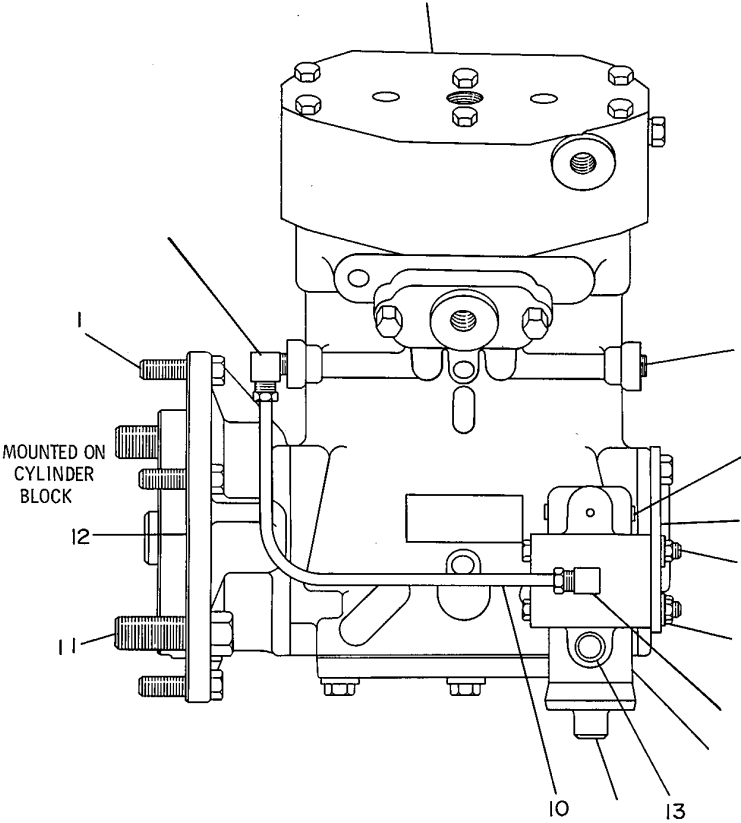
Ref.	Part number	Description	Qty	Code	Group page
	3B-4504	LOCKWASHER	2		
10	2B-0858	PLUG-PIPE	1		
11	7N-7441	COVER-AIR COMPRESSOR	1		
	7N-7442	GASKET	1		
12	1B-8714	KEY-WOODRUFF	1		
13	034-4160	BOLT-LOCKING (5/16-18X1-IN)	4		
14	5M-6214	PLUG (1/8-27 PTF)	1		
15	0S-1617	BOLT (5/16-18X0.75-IN)	6		
16	7N-7439	PLATE-COVER	1		
	7N-7440	GASKET	1		
17	8H-9789	BALL BEARING	2		
18	4W-6706	CRANKSHAFT-AIR COMPRESSOR	1		
19	4W-6681	CRANKCASE GP-AIR COMPRESSOR	1		
20	1A-2029	BOLT (3/8-16X1.125-IN)	6		
	3B-4506	LOCKWASHER	6		
21	4B-4845	PLUG (PIPE)	2		
22	7N-7445	CYLINDER BLOCK	1		
	7N-7446	GASKET	1		
23	4W-9489	RING-LOCK	1	C	
AVAILABLE REPAIR KIT(S):					
	7N-7435	KIT-AIR COMPRESSOR (MAJOR REPAIR)	1		
(INCLUDES STOPS, SPRINGS, SEATS, GUIDES, GASKETS, ETC)					
	4P-6409	KIT-PIN (AIR COMPRESSOR)	1	C	
	144-0503	KIT-PISTON & RING (STANDARD)(AIR COMPRESSOR)	1		
(INCLUDES BUTTONS, PIN, PISTON & RING KIT-PISTON)					
	138-2887	KIT-ROD & BEARING (AIR COMPRESSOR)	1		
(INCLUDES ROD AS. & BEARING KIT)					
	144-0502	KIT-PISTON RING (STANDARD)(AIR COMPRESSOR)	1		
(INCLUDES ENVELOPE-RINGS & RINGS-PISTON)					

CAT codes: C.

6N-7628 AIR COMPRESSOR GP

6N-7628 AIR COMPRESSOR GP S/N 08Z33374-99999 PART OF 1W-3210 ENGINE AR

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	3B-1915	BOLT (3/8-16X1.375-IN)	3		
2	5K-9243	ELBOW-FLARED	2		
3	1W-7145	AIR COMPRESSOR GP	1	CY	
4	9F-2247	PLUG-PIPE (1/8-27-THD)	5		
5	6N-7580	BRACKET	1		
6	1D-4541	BOLT (5/16-18X3-IN)	2		
	1D-4716	NUT-FULL (5/16-18-THD)	2		
	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	2		
7	0T-0318	BOLT (7/16-14X1-IN)	2		
8	4N-9679	GOVERNOR AS-AIR COMPRESSOR	1		
9	2S-2923	COVER AS	1		
10	6N-7555	TUBE AS	1		
11	0S-1589	BOLT (5/8-11X1.75-IN)	2		
12	2P-0220	GASKET-PUMP	1		
13	5F-5434	VALVE AS-VENT	1		

6N-7628 AIR COMPRESSOR GP (continued)

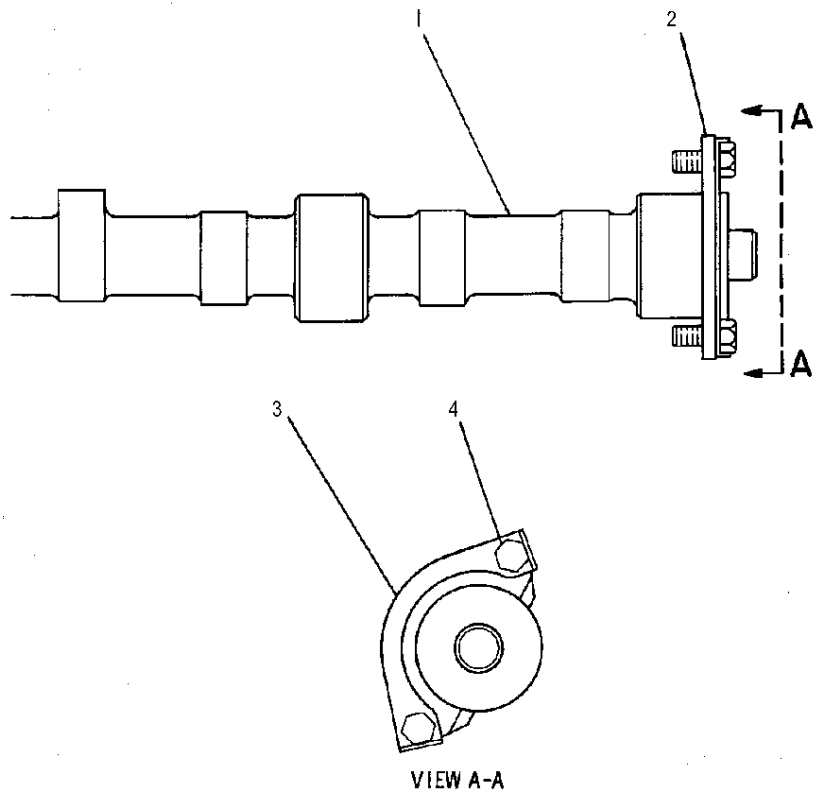
Ref.	Part number	Description	Qty.	Code	Group page
AVAILABLE REPAIR KIT(S):					
	9M-0402	KIT-GOVERNOR OVERHAUL (AIR COMPRESSOR)	1		
(INCL VALVE, SPRING, COVER, FILTERS & GROMMETS)					

CAT codes: C, R, Y.

1N-4406 CAMSHAFT GP

1N-4406 CAMSHAFT GP S/N 6FB1-99999; 6HB1-99999; 08Z33309-99999 SINGLE PART OF 116-7557, 1W-3210, 1W-3225, 7W-8549 ENGINE AR ALSO AN ATTACHMENT

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	7E-9980	CAMSHAFT	1		
2	7S-2204	WASHER-THRUST	1		
3	8S-1491	LOCK	1		
4	0S-0509	BOLT (3/8-16X0.75-IN)	2		

CAT codes: R.

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