

CATERPILLAR 627E

3WJ / SEBP1934

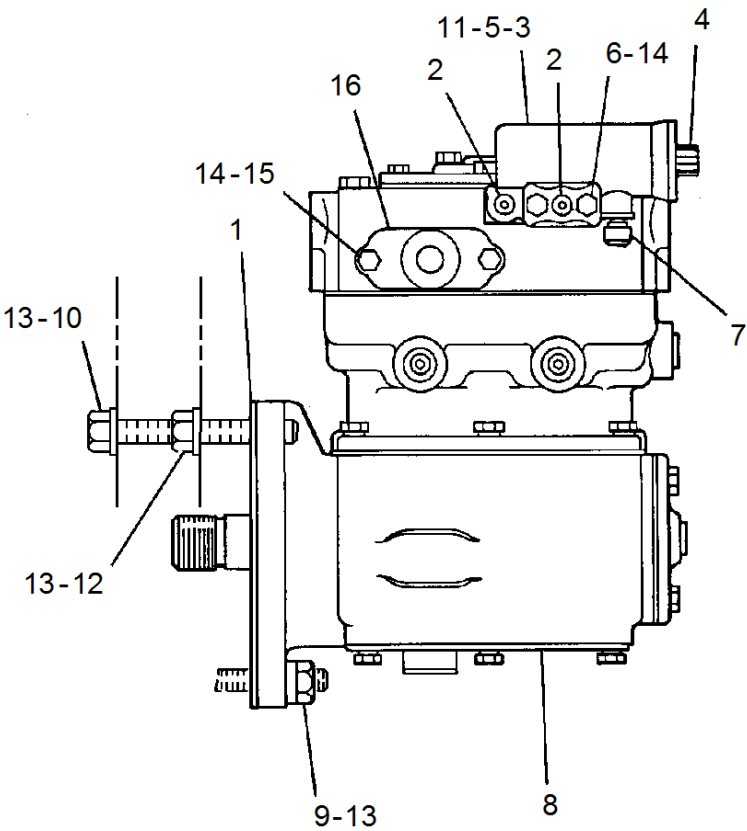
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Basic engine	

1N-2981 AIR COMPRESSOR GP

1N-2981 AIR COMPRESSOR GP S/N 11N1-8638; 70V33955-99999 PART OF 137-7550, 7E-3421 ENGINE AR

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)

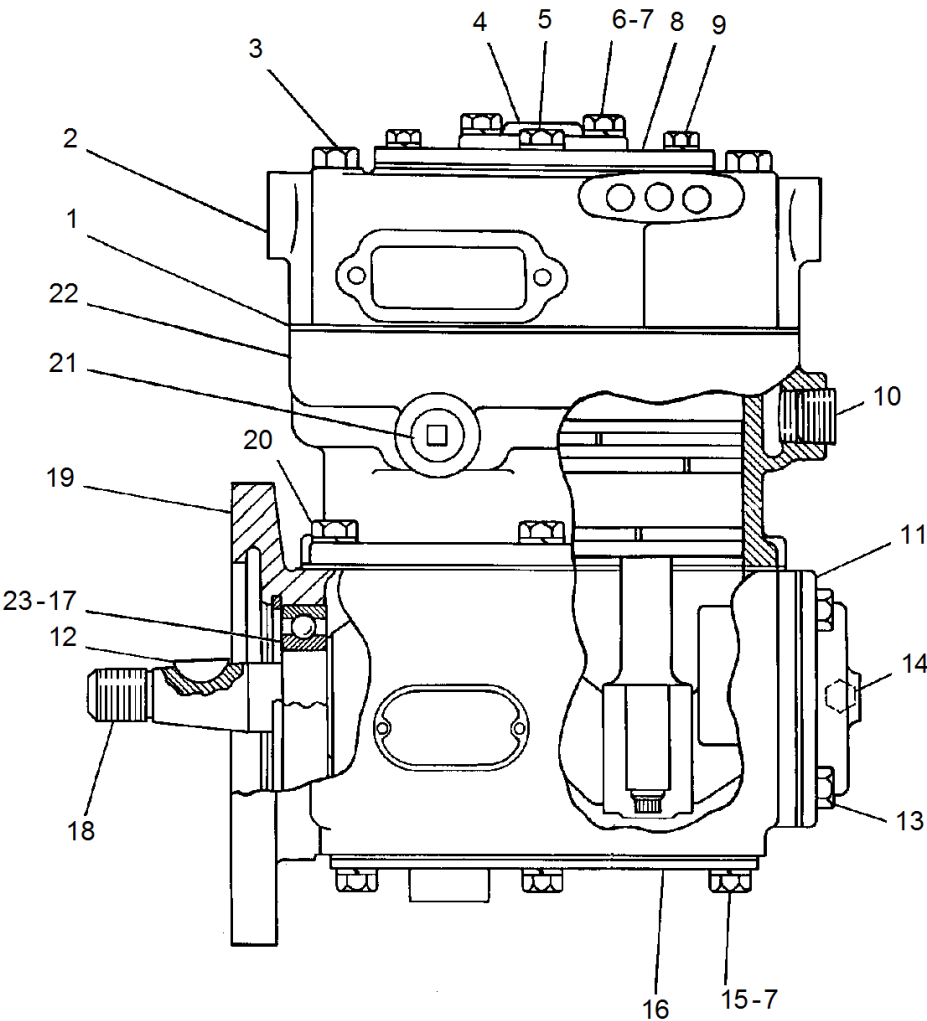
Ref.	Part number	Description	Qty	Code	Group page
16	9M-0397	ADAPTER	1	C	
	8M-7065	GASKET (AIR INLET)	1	C	
AVAILABLE REPAIR KIT(S):					
	9M-0402	KIT-GOVERNOR OVERHAUL (AIR COMPRESSOR)	1		
(INCLUDES COVER, GROMMETS, SPRING, FILTER & VALVE)					

CAT codes: C, R, Y.

4W-6425 AIR COMPRESSOR GP

4W-6425 AIR COMPRESSOR GP S/N 11N1-8638; 70V33955-99999 PART OF 1N-2981 AIR COMPRESSOR GP

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)

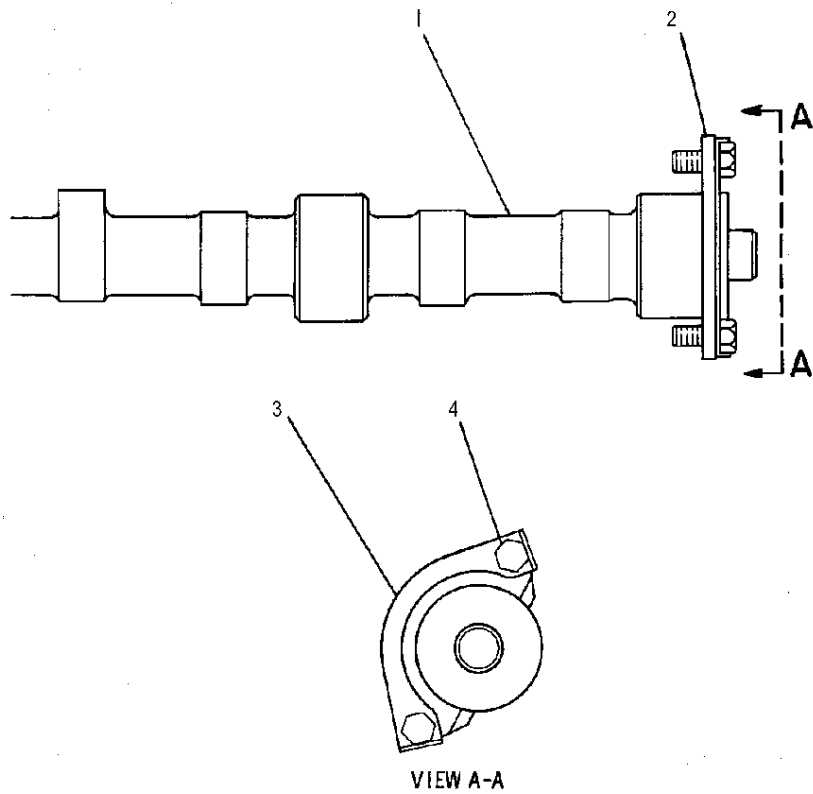
Ref.	Part number	Description	Qty	Code	Group page
	3B-4504	LOCKWASHER	2		
10	2B-0858	PLUG-PIPE	1		
11	7N-7441	COVER-AIR COMPRESSOR	1		
	7N-7442	GASKET	1		
12	1B-8714	KEY-WOODRUFF	1		
13	034-4160	BOLT-LOCKING (5/16-18X1-IN)	4		
14	5M-6214	PLUG (1/8-27 PTF)	1		
15	0S-1617	BOLT (5/16-18X0.75-IN)	6		
16	7N-7439	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.

1N-4406 CAMSHAFT GP

1N-4406 CAMSHAFT GP S/N 08Z59000-99999 SINGLE PART OF 1W-3225, 7W-8549 ENGINE AR ALSO AN ATTACHMENT

Drawing 1 of 1



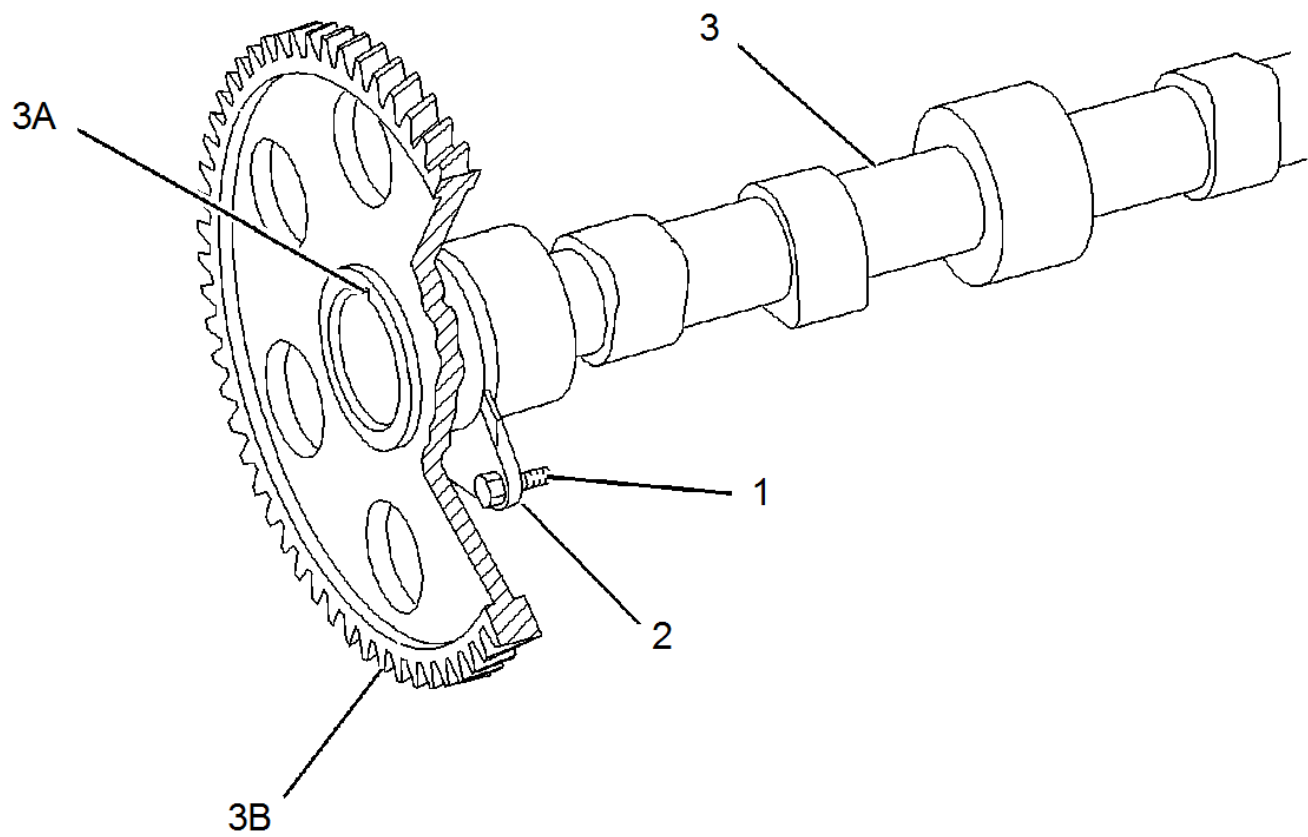
Ref.	Part number	Description	Qty	Code	Group page
1	7E-9980	CAMSHAFT	1		
2	7S-2204	WASHER-THRUST	1		
3	8S-1491	LOCK	1		
4	0S-0509	BOLT (3/8-16X0.75-IN)	2		

CAT codes: R.

7W-3798 CAMSHAFT GP -SINGLE

7W-3798 CAMSHAFT GP -SINGLE S/N 11N1-8638; 70V33955-99999 PART OF 137-7550, 7E-3421 ENGINE AR

Drawing 1 of 1



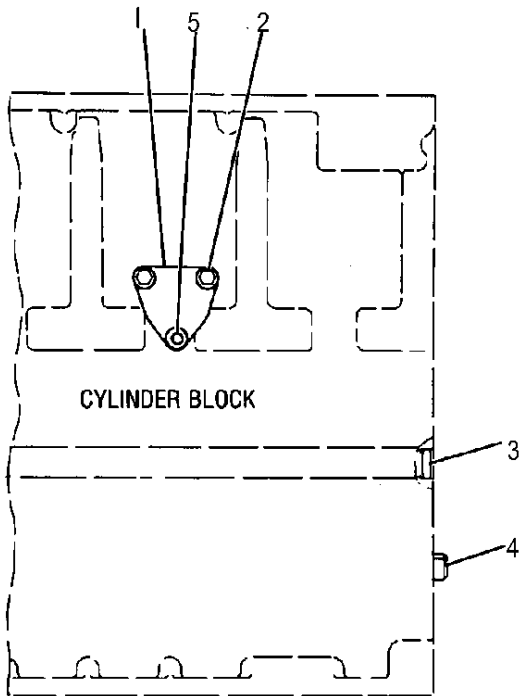
Ref.	Part number	Description	Qty	Code	Group page
1	0S-0509	BOLT (3/8-16X0.75-IN)	2		
2	4N-0342	PLATE	1		
3	100-7408	CAMSHAFT AS	1		
3A	1B-8705	KEY-WOODRUFF	1		
3B	8N-8254	GEAR-CAMSHAFT (64-TEETH)	1		

CAT codes: R.

8N-3163 COVER GP-CYLINDER BLOCK

8N-3163 COVER GP-CYLINDER BLOCK S/N 08Z59000-99999 PART OF 1W-3225, 7W-8549 ENGINE AR ALSO AN ATTACHMENT

Drawing 1 of 1

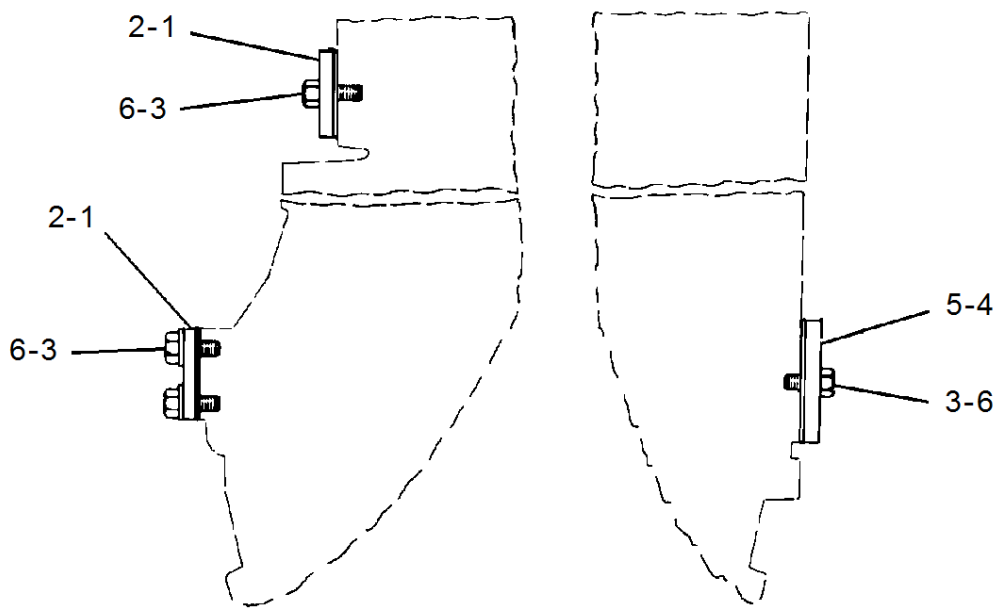


Ref.	Part number	Description	Qty	Code	Group page
1	8L-8662	COVER	1		
	5S-8055	GASKET	1		
2	0L-1351	BOLT (3/8-16X0.875-IN)	2		
	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	2		
3	4B-3938	PLUG-CUP	1		
4	2A-3798	DOWEL	2		
5	8M-3267	SCREW-HEX SOCKET (3/8-16X0.75-IN)	1		

9N-0684 COVER GP-CYLINDER BLOCK

9N-0684 COVER GP-CYLINDER BLOCK S/N 11N1-8638; 70V33955-99999 PART OF 137-7550, 7E-3421 ENGINE AR

Drawing 1 of 1



FRONT VIEW

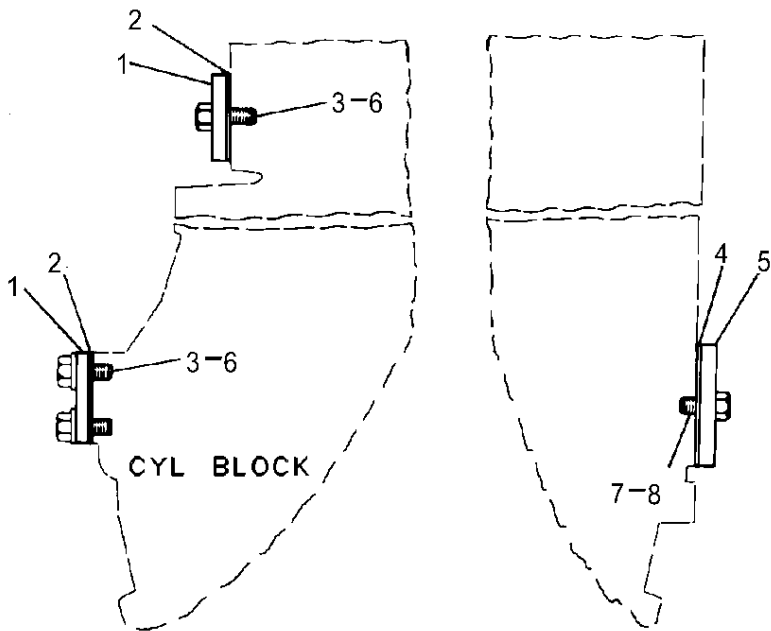
Ref.	Part number	Description	Qty	Code	Group page
1	4W-9890	COVER	2		
2	4N-0699	GASKET	2		
3	0S-1594	BOLT (3/8-16X1-IN)	6	C	
4	7C-0307	GASKET	1		
5	4N-0794	COVER	1		
6	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	6	C	

CAT codes: C.

9N-0684 COVER GP-CYLINDER BLOCK

9N-0684 COVER GP-CYLINDER BLOCK S/N 11N1-8638 PART OF 137-7550, 7E-3421 ENGINE AR

Drawing 1 of 1



FRONT VIEW

Ref.	Part number	Description	Qty	Code	Group page
1	4W-9890	COVER	2		
2	4N-0699	GASKET	2		
3	0S-1594	BOLT (3/8-16X1-IN)	4	C	
4	7C-0307	GASKET	1	BC	
5	4N-0794	COVER	1	BC	
6	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	4	C	
7	0S-1594	BOLT (3/8-16X1-IN)	4	BC	
8	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	4	BC	

CAT codes: B, C.

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Complete Caterpillar PDF Parts Catalogue

3WJ-SEBP1934

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