

CATERPILLAR 621E

6BB / SEBP2181

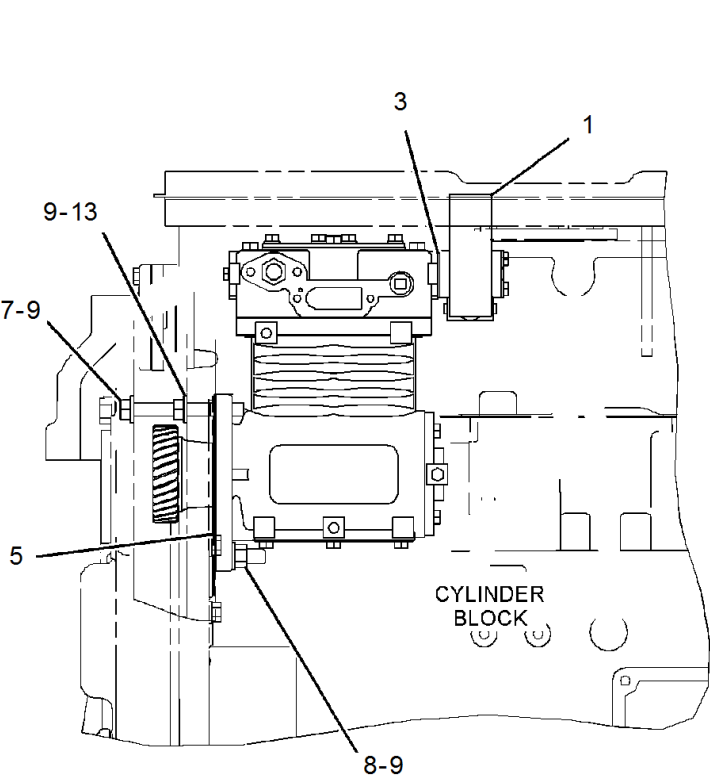
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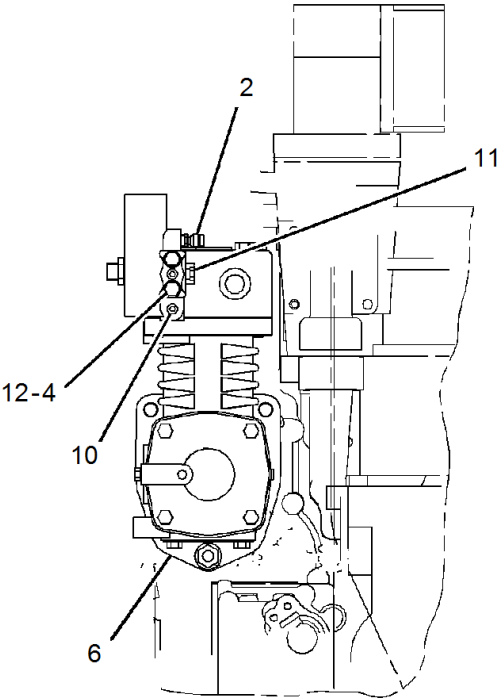
1N-2981 AIR COMPRESSOR GP

1N-2981 AIR COMPRESSOR GP S/N 6AB1428-99999; 6BB1235-99999 PART OF 321-6313, 321-6314, 321-6316
ENGINE AR FIELD INSTALLATION

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)

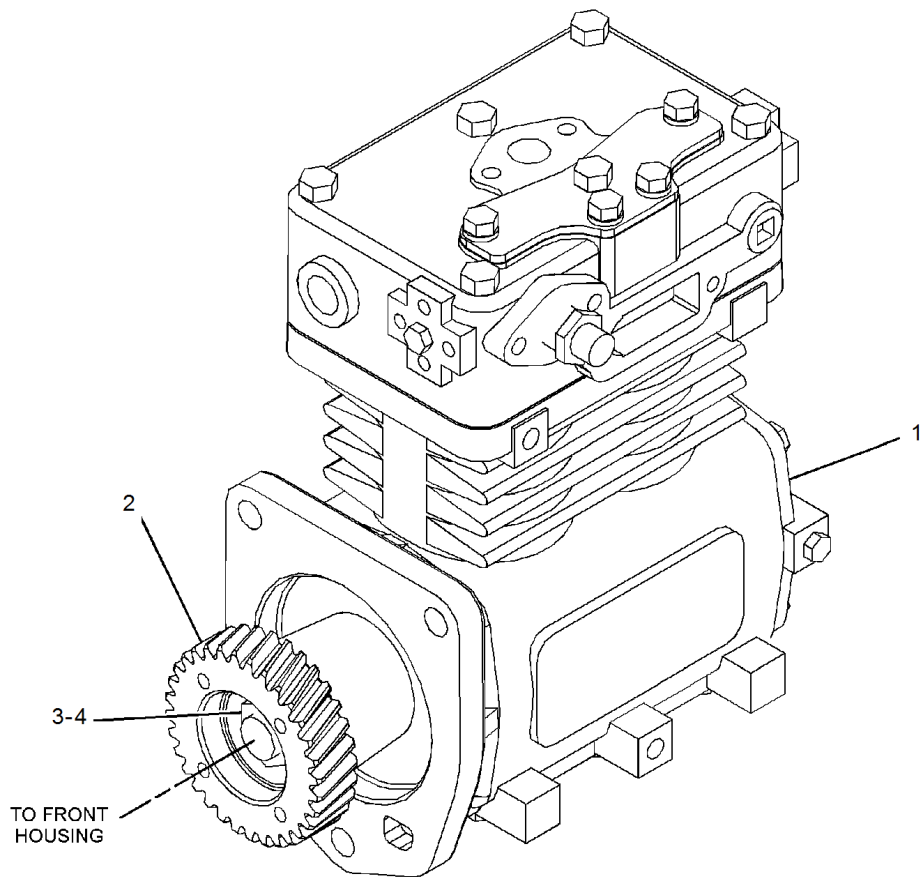
Ref.	Part number	Description	Qty	Code	Group page
11	8T-6764	PLUG-PIPE (1/8-27-THD)	1		
12	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	2		
13	9X-8873	BOLT (1/2-13X2.25-IN)	1		

CAT codes: C, Y.

354-7532 AIR COMPRESSOR GP

354-7532 AIR COMPRESSOR GP S/N 6AB1428-99999; 6BB1235-99999 PART OF 1N-2981, 4P-1912 AIR COMPRESSOR GP

Drawing 1 of 1



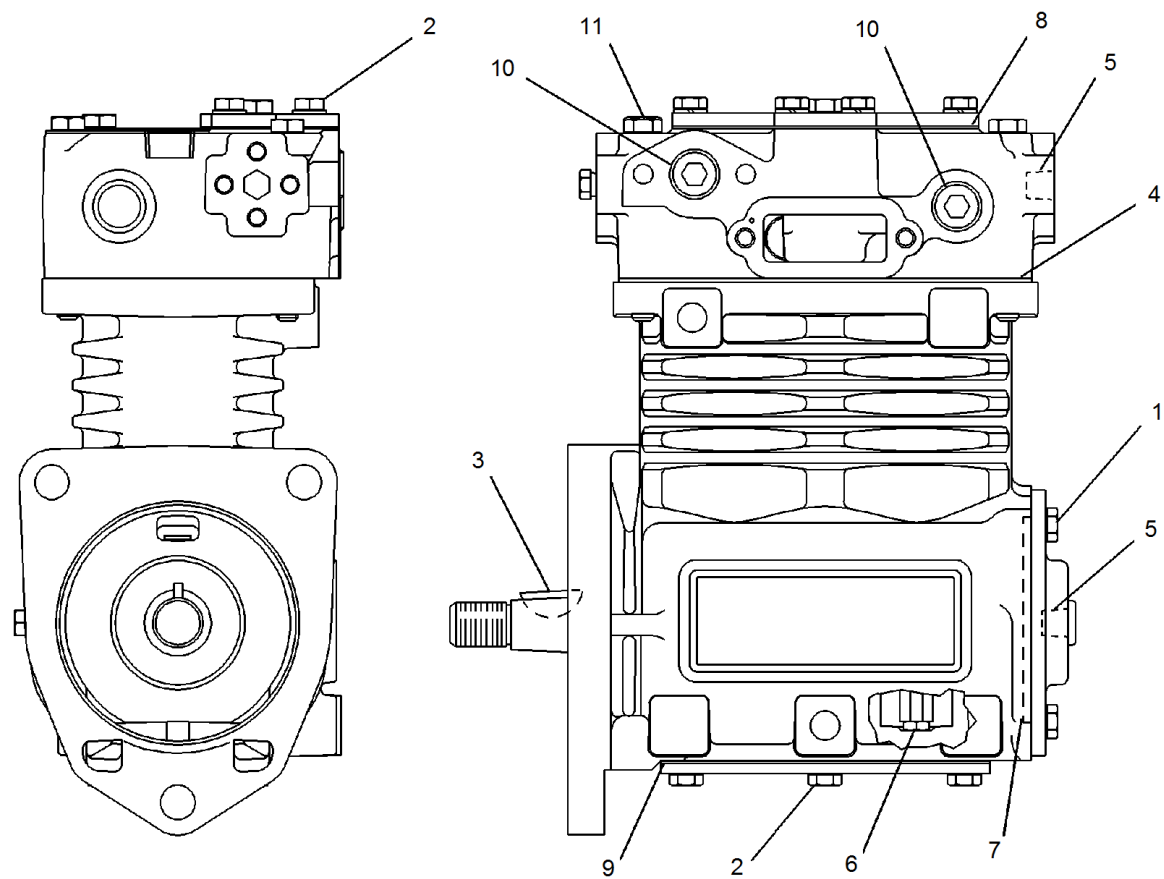
Ref.	Part number	Description	Qty	Code	Group page
1	4P-0676	AIR COMPRESSOR GP	1	Y	
2	7W-0140	GEAR-DRIVE (32-TEETH)	1		
3	5P-8248	WASHER-HARD (20X36.5X3.5-MM THK)	1		
4	6B-6682	NUT-FULL (3/4-16-THD)	1		

CAT codes: R, Y.

4P-0676 AIR COMPRESSOR GP

4P-0676 AIR COMPRESSOR GP S/N 6AB1428-99999; 6BB1235-99999 PART OF 354-7532 AIR COMPRESSOR GP

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,					
RINGS-PSTN SEG,					

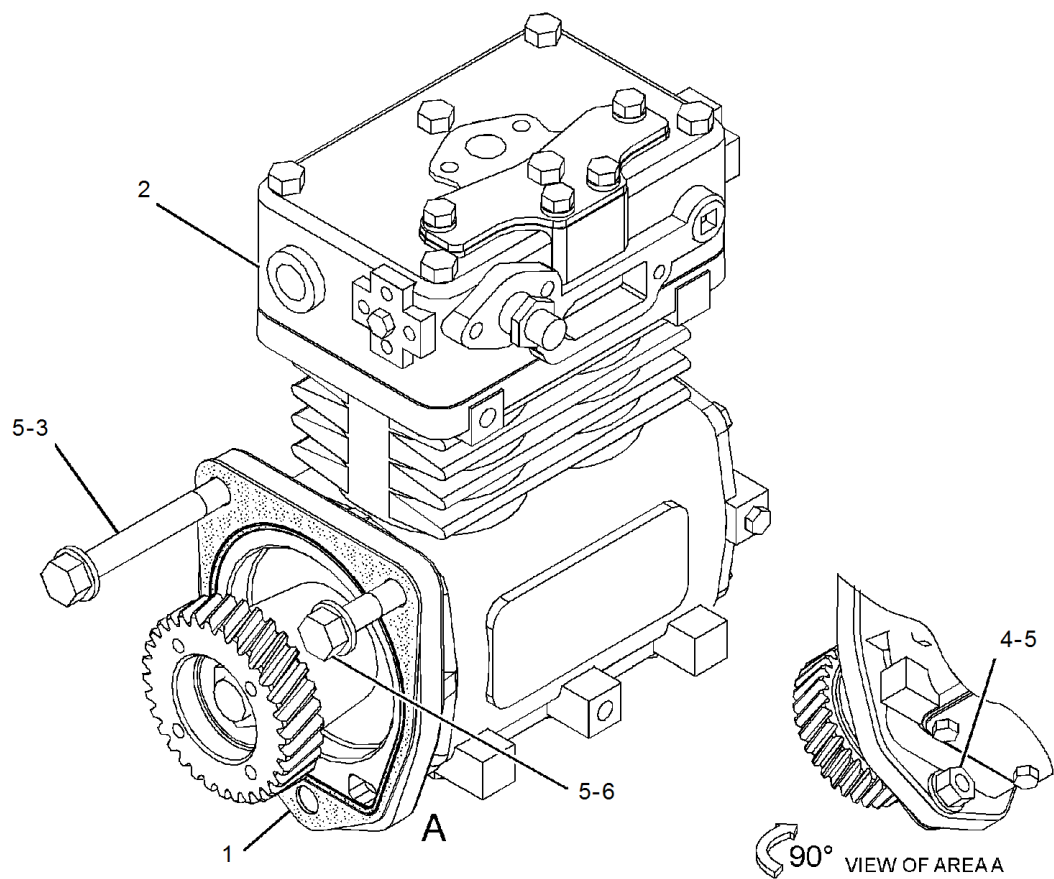
4P-0676 AIR COMPRESSOR GP (continued)

Ref.	Part number	Description	Qty.	Code	Group page
		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		

4P-1912 AIR COMPRESSOR GP

4P-1912 AIR COMPRESSOR GP S/N 6AB1428-99999; 6BB1235-99999 13 CFM, DRIVE RATIO 1:1 PART OF 321-6315 ENGINE AR

Drawing 1 of 1



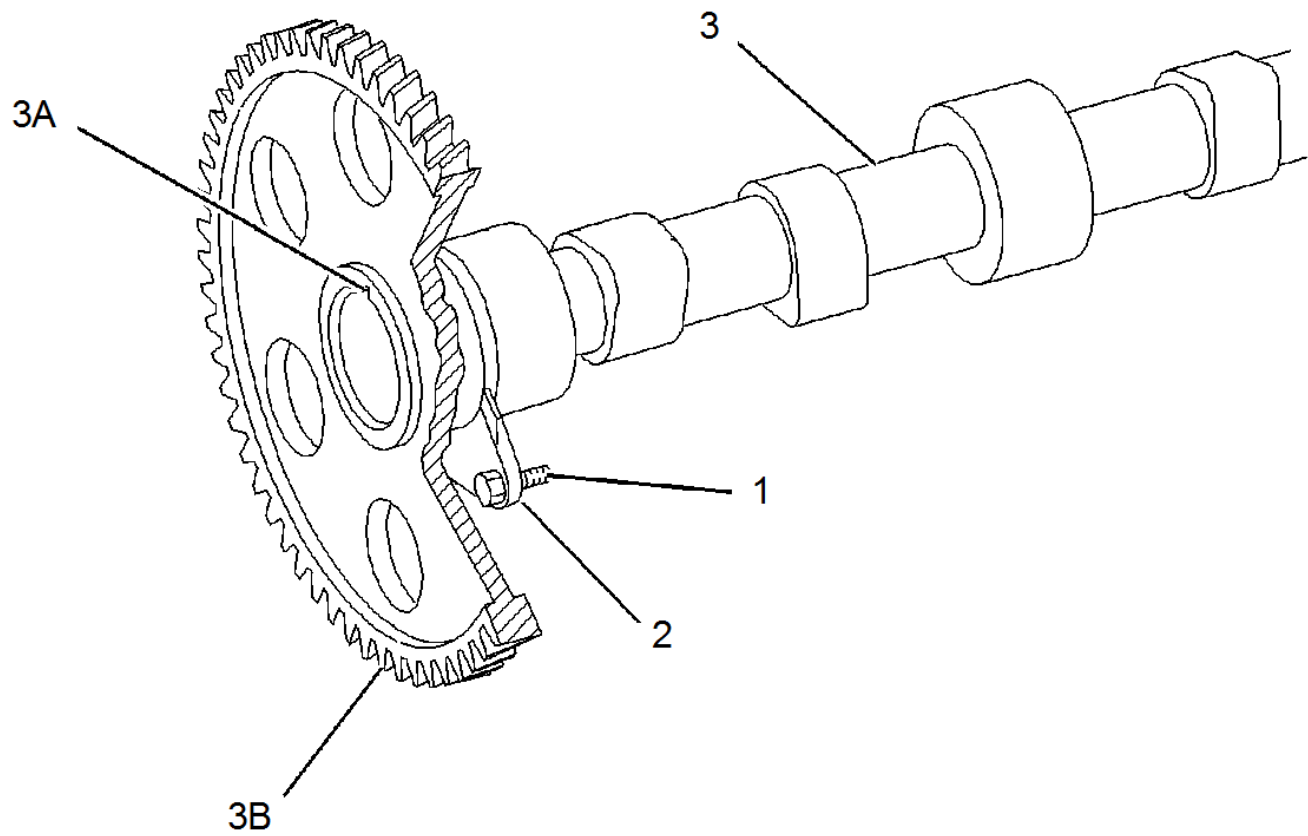
Ref.	Part number	Description	Qty	Code	Group page
1	129-3948	SEAL-INTEGRAL	1		
2	354-7532	AIR COMPRESSOR GP	1	Y	
3	1D-4569	BOLT (1/2-13X4.25-IN)	1		
4	1F-7958	NUT-FULL (1/2-13-THD)	1		
5	5P-8245	WASHER-HARD (13.5X25.5X3-MM THK)	3		
6	9X-8873	BOLT (1/2-13X2.25-IN)	1		

CAT codes: Y.

7W-3798 CAMSHAFT GP -SINGLE

7W-3798 CAMSHAFT GP -SINGLE S/N 6AB1428-99999; 6BB1235-99999; 11N1-99999; 70V34826-99999 PART OF 137-7550, 321-6313, 321-6314, 321-6315, 321-6316, 7E-3421 ENGINE AR

Drawing 1 of 1



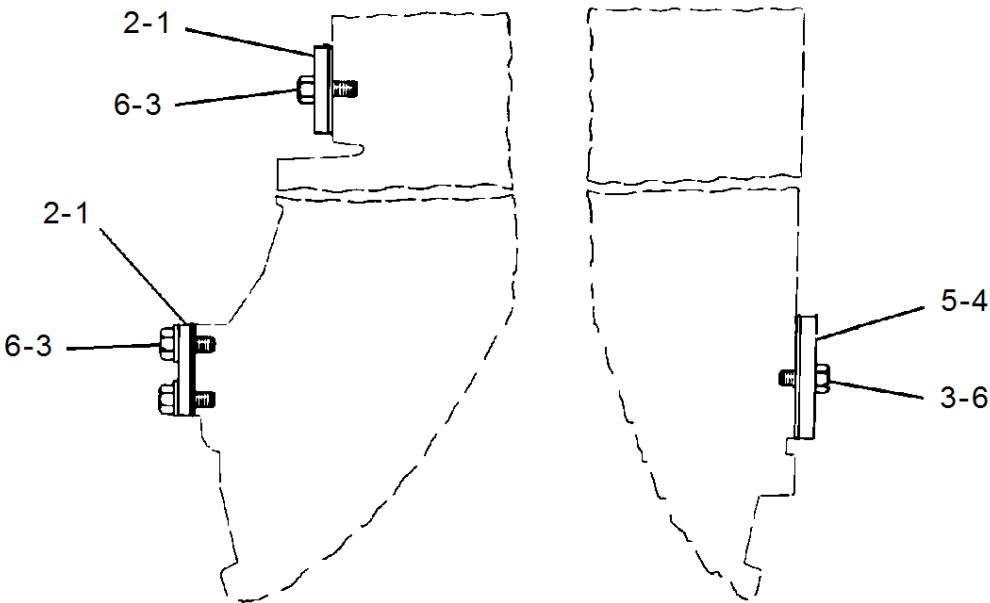
Ref.	Part number	Description	Qty	Code	Group page
1	0S-0509	BOLT (3/8-16X0.75-IN)	2		
2	4N-0342	PLATE	1		
3	100-7408	CAMSHAFT AS	1		
3A	1B-8705	KEY-WOODRUFF	1		
3B	8N-8254	GEAR-CAMSHAFT (64-TEETH)	1		

CAT codes: R.

9N-0684 COVER GP-CYLINDER BLOCK

9N-0684 COVER GP-CYLINDER BLOCK S/N 11N1-99999; 70V34826-99999 PART OF 7E-3421 ENGINE AR

Drawing 1 of 1



FRONT VIEW

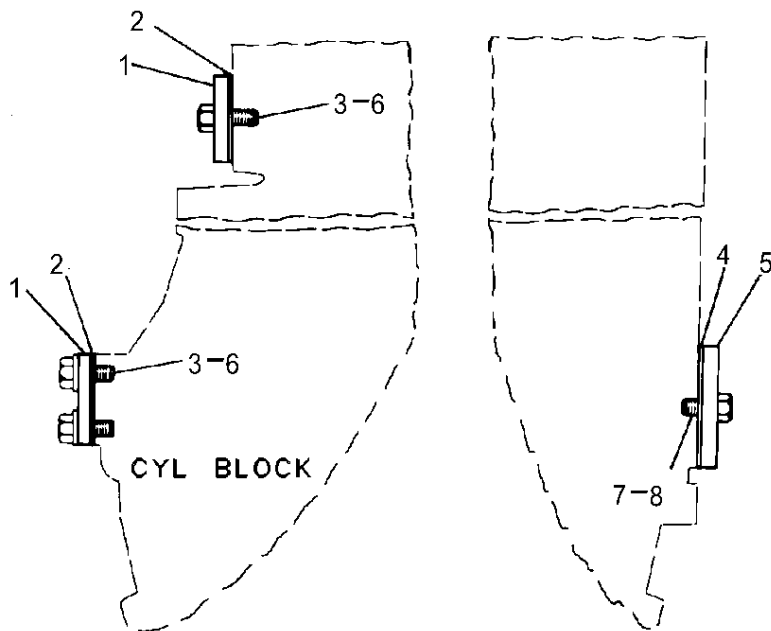
Ref.	Part number	Description	Qty	Code	Group page
1	4W-9890	COVER	2		
2	4N-0699	GASKET	2		
3	0S-1594	BOLT (3/8-16X1-IN)	6	C	
4	7C-0307	GASKET	1		
5	4N-0794	COVER	1		
6	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	6	C	

CAT codes: C.

9N-0684 COVER GP-CYLINDER BLOCK

9N-0684 COVER GP-CYLINDER BLOCK S/N 6AB1428-99999; 6BB1235-99999; 11N1-99999; 70V34826-99999 PART OF 137-7550, 321-6313, 321-6314, 321-6315, 321-6316, 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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