

CATERPILLAR 657E

6TR / SEBP2582

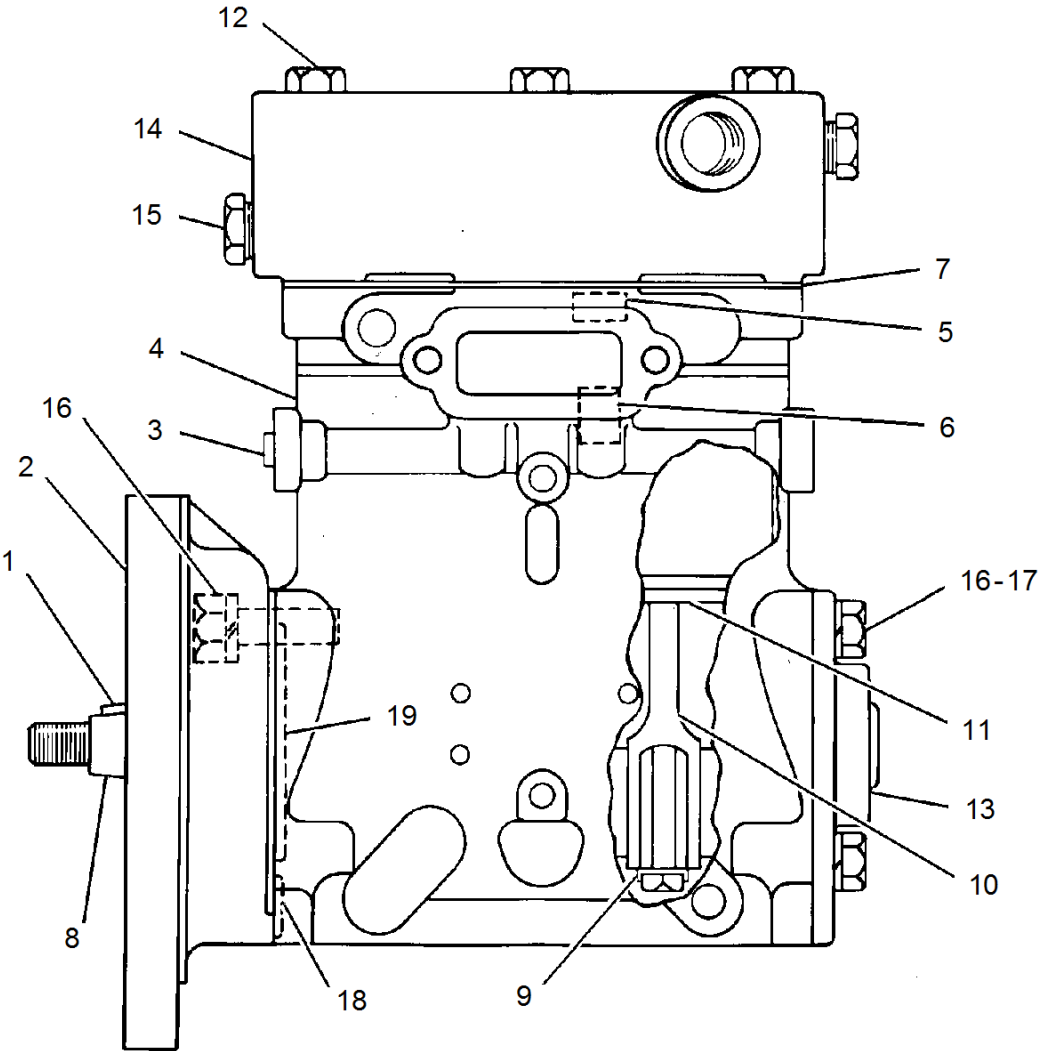
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4N-7378 AIR COMPRESSOR GP

4N-7378 AIR COMPRESSOR GP S/N 80M450-UP PART OF 8N-0955 AIR COMPRESSOR GP FIELD REPLACEMENT ORDER 7E-7739

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	3F-5289	KEY-CRANKSHAFT	1		
2	6N-2102	ADAPTER AS	1		
3	9F-2247	PLUG-PIPE (1/8-27-THD)	1		
4	6N-2099	CRANKCASE AS-AIR COMPRESSOR	1		
5	9M-0381	INSERT-INLET VALVE	2		
6	7N-6172	BUSHING-COMPRESSOR	2		
7	6N-2098	GASKET-CYLINDER HEAD	1		
8	9N-2380	CRANKSHAFT-AIR COMPRESSOR	1		
9	7N-0243	LOCK-ROD BOLT	2		

4N-7378 AIR COMPRESSOR GP (continued)

Ref.	Part number	Description	Qty	Code	Group page
10	6N-2106	ROD AS-CONNECTING	2		
11	7N-4837	PISTON AS-COMPRESSOR	2	J	
(EACH INCLUDES)					
	1W-2803	PLUG	2		
12	0S-1619	BOLT (3/8-16X3-IN)	6		
13	6N-2100	COVER AS-REAR	1		
14	6N-2097	HEAD AS-COMPRESSOR (AIR)	1		
	3J-5390	PLUG (3/8-18-THD)		AB	
15	3J-5389	PLUG (EXTERNAL)	3		
16	5P-0060	BOLT (7/16-14X0.75-IN)	8		
17	3B-4507	LOCKWASHER	4		
18	8N-3665	KIT-SEAL (AIR COMPRESSOR)	1		
(INCLUDES SEALS, RETAINERS & INSTRUCTIONS)					
19	5M-6509	SEAL-O-RING	2		
AVAILABLE REPAIR KIT(S):					
	8N-3666	KIT-AIR COMPRESSOR	1	C	
(INCLUDES PISTONS, GUIDE, PLUNGER, SEAT, SPRING, SADDLE, RINGS, BOLTS, WASHERS, LOCKWASHERS, LOCK, BEARING, BUTTONS, VALVES, GASKETS, & INSTRUCTION FORM)					
	6N-2109	KIT-PISTON RING (AIR COMPRESSOR)	1		
(INCLUDES COMPLETE SET OF RINGS FOR ONE COMPRESSOR)					
	6I-1220	KIT-UNLOADER (AIR COMPRESSOR)	1		
	110-1337	KIT-PISTON RING (COMPRESSOR 5 RING)	1	J	

CAT codes: A, B, C, J.

7E-7739 AIR COMPRESSOR GP

7E-7739 AIR COMPRESSOR GP S/N 80M450-UP FIELD REPLACEMENT FOR 4N-7378

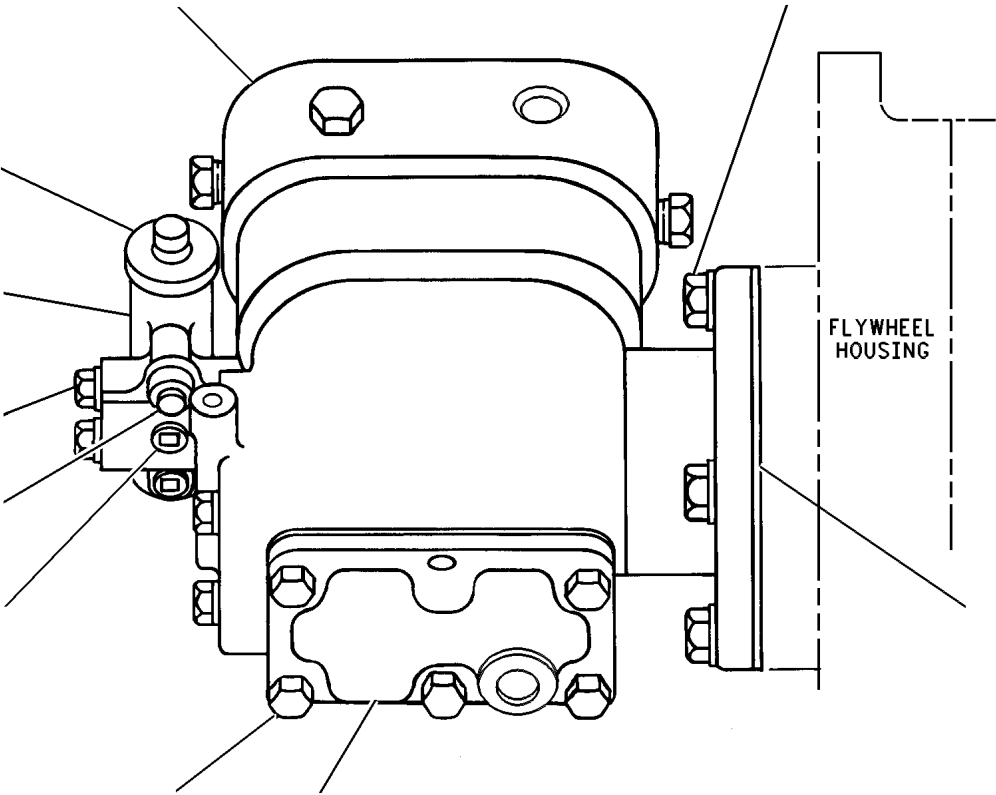
Kit / parts list. The current source card does not provide a separate drawing.

Ref.	Part number	Description	Qty	Code	Group page
	6I-1220	KIT-UNLOADER (AIR COMPRESSOR)	1		

8N-0955 AIR COMPRESSOR GP

8N-0955 AIR COMPRESSOR GP S/N 80M450-UP PART OF 123-0199, 149-6377 ENGINE AR

Drawing 1 of 1



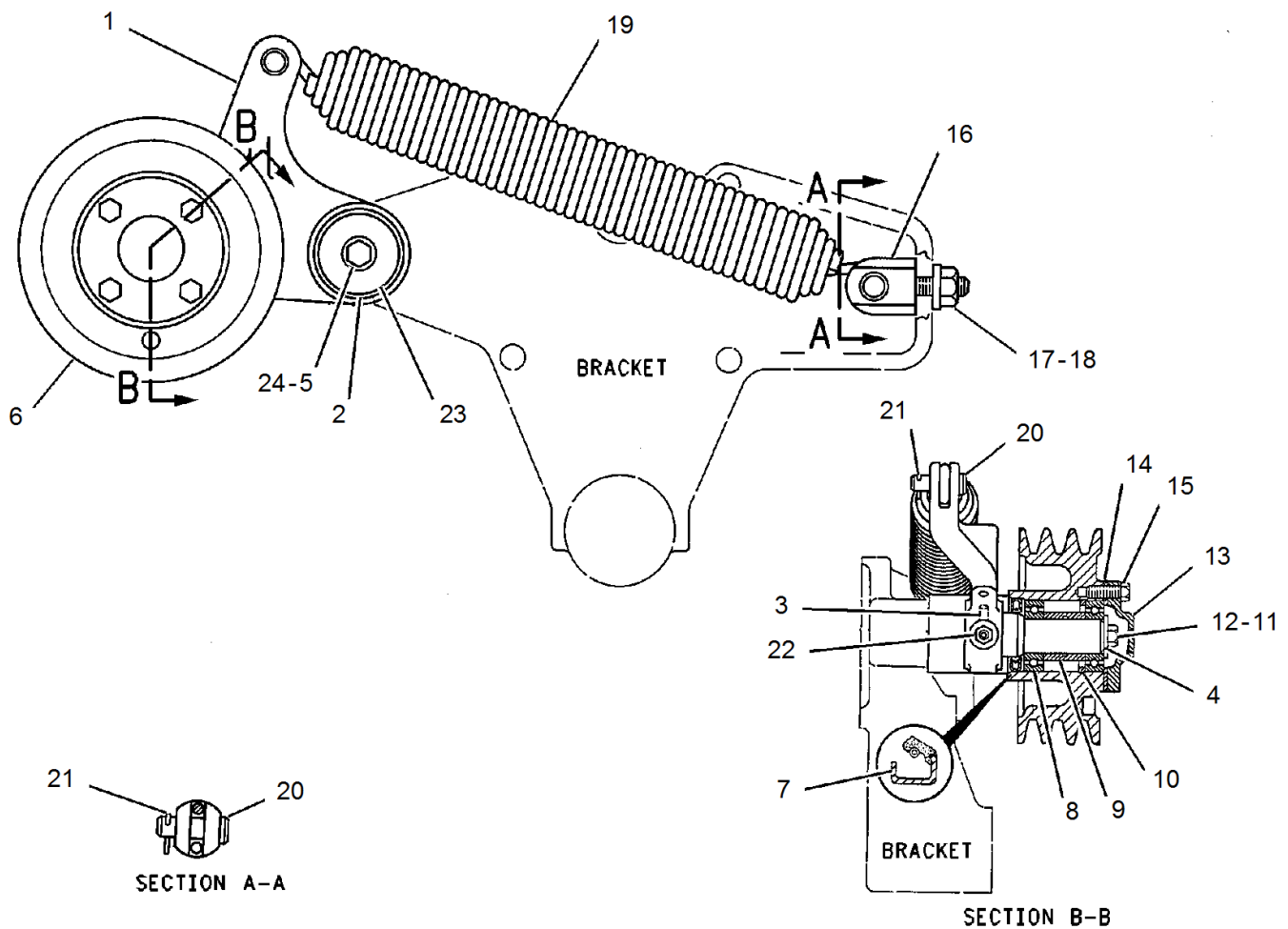
Ref.	Part number	Description	Qty	Code	Group page
1	0S-1585	BOLT (1/2-13X1.5-IN)	3		
	5P-8245	WASHER-HARD (13.5X25.5X3-MM THK)	3	C	
2	7W-5735	GASKET	1	C	
3	8N-1646	COVER	1		
	6N-0634	GASKET-COVER	1		
4	0L-1351	BOLT (3/8-16X0.875-IN)	5		
5	9F-2247	PLUG-PIPE (1/8-27-THD)	5	C	
6	5F-5434	VALVE AS-VENT (GOVERNOR, AIR COMPRESSOR)	1		
7	9M-0378	BOLT (5/16-18X2.87-IN)	2		
	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	2		
8	4N-9680	GOVERNOR GP-AIR COMPRESSOR	1	Y	
9	2S-2923	COVER AS	1		
10	6L-1883	GASKET	1		
11	4N-7378	AIR COMPRESSOR GP	1	Y	

CAT codes: C, R, Y.

9N-6669 BELT TENSIONER GP

9N-6669 BELT TENSIONER GP S/N 6TR1-UP PART OF 123-5192 INSTALLATION AR-ENGINE

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	9N-6670	ARM AS	1		
2	4S-5367	BUSHING AS (MOUNT)	1		
3	4N-0955	DOWEL	1		
4	8N-4550	SHAFT-PULLEY	1		
5	8T-4896	WASHER-HARD (10.2X18.5X2.5-MM THK)	1		
6	6N-3641	PULLEY-TIGHTENER	1		
7	5M-9735	SEAL-LIP TYPE	1		
8	6B-1124	BALL BEARING	2		
9	1S-8687	SPACER (25.5X33.4X31.75-MM THK)	1		
10	8B-2327	RING-RETAINING	1		
11	2S-6160	WASHER-HARD (10.2X32X5-MM THK)	1		

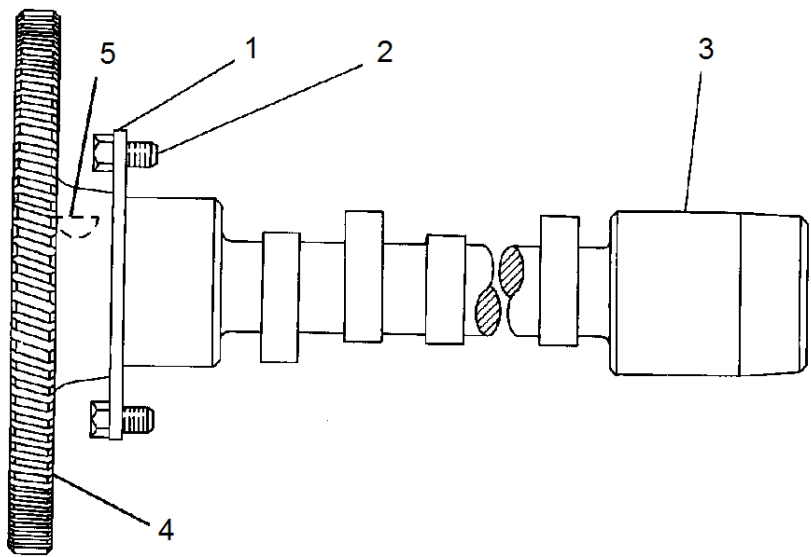
9N-6669 BELT TENSIONER GP (continued)

Ref.	Part number	Description	Qty	Code	Group page
12	5M-3062	BOLT (3/8-16X0.75-IN)	1		
13	2S-6150	COVER-PULLEY	1		
14	2S-6151	GASKET	1		
15	4M-6425	BOLT (5/16-18X1-IN)	4		
16	7W-1399	RETAINER-SPRING	1		
17	6V-8188	NUT (1/2-13-THD)	1		
18	8T-4223	WASHER-HARD (13.5X25.5X3-MM THK)	1		
19	7N-5959	SPRING	1		
20	0S-0175	PIN-CLEVIS	2		
21	3B-4617	PIN-COTTER	2		
22	3B-8489	FITTING-GREASE (1/8-27 PTF)	1		
23	2M-2742	PLATE-RETAINER	1		
24	5S-7379	BOLT (3/8-16X0.875-IN)	1		

108-1553 CAMSHAFT GP

108-1553 CAMSHAFT GP S/N 80M450-UP PART OF 123-0199, 149-6377 ENGINE AR

Drawing 1 of 1



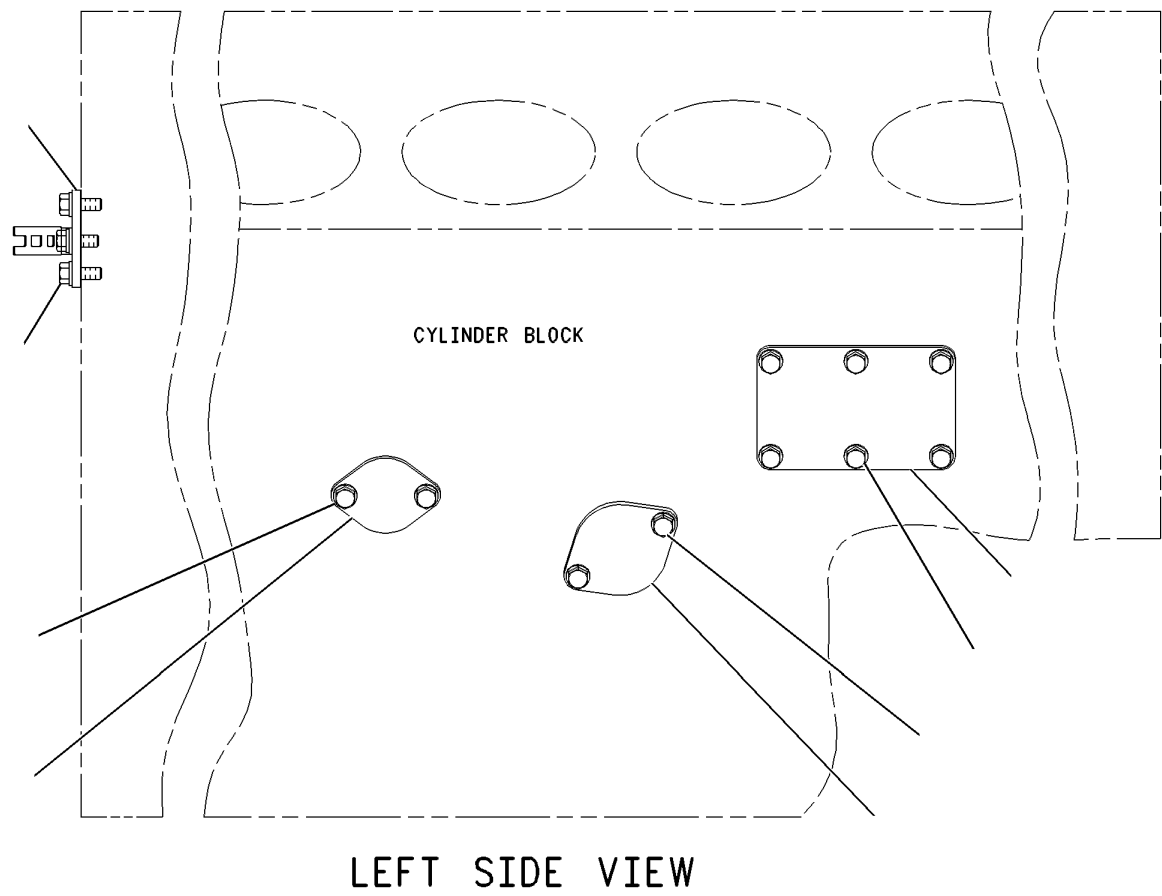
Ref.	Part number	Description	Qty	Code	Group page
1	4N-0342	PLATE	1		
2	0S-0509	BOLT (3/8-16X0.75-IN)	2		
3	108-6278	CAMSHAFT AS	1		
4	101-3374	GEAR (86-TEETH)	1		
5	1B-8705	KEY-WOODRUFF	1		

CAT codes: R.

129-5229 COVER GP-CYLINDER BLOCK

129-5229 COVER GP-CYLINDER BLOCK S/N 80M450-8459 PART OF 123-0199, 149-6377 ENGINE AR

Drawing 1 of 1

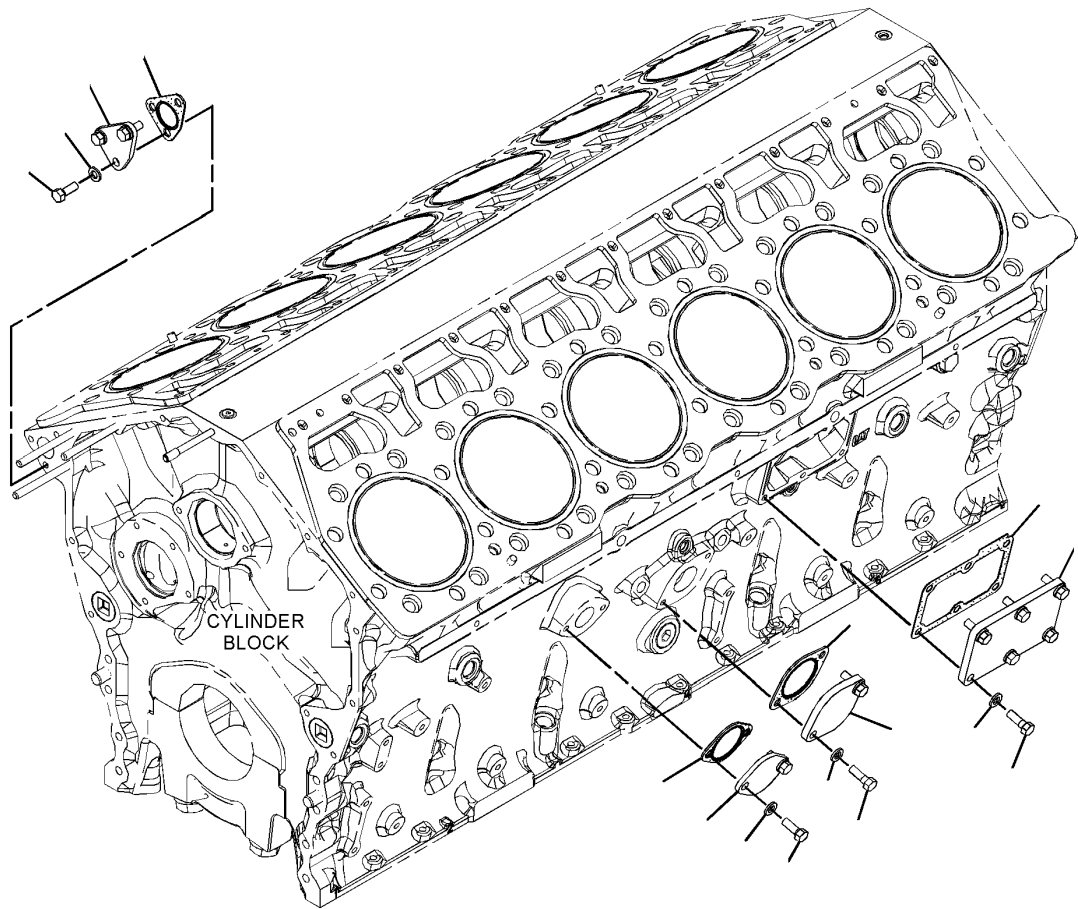


Ref.	Part number	Description	Qty	Code	Group page
1	4N-1683	COVER	1		
2	4N-1684	GASKET	1		
3	0S-1594	BOLT (3/8-16X1-IN)	13		
4	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	13		
5	2P-2772	COVER	1		
6	234-8937	SEAL-INTEGRAL	1		
7	4N-0794	COVER	1		
8	7C-0307	GASKET	1		
9	4N-1682	COVER	1		
10	4N-0864	GASKET	1		

129-5229 COVER GP-CYLINDER BLOCK

129-5229 COVER GP-CYLINDER BLOCK S/N 80M8460-UP PART OF 149-6377 ENGINE AR

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	4N-1683	COVER	1		
2	239-5571	SEAL-INTEGRAL	1	C	
3	0S-1594	BOLT (3/8-16X1-IN)	11		
4	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	13		
5	2P-2772	COVER	1		
6	234-8937	SEAL-INTEGRAL	1		
7	4N-0794	COVER	1		
8	239-5572	SEAL-INTEGRAL	1	C	
9	4N-1682	COVER	1		
10	343-8888	GASKET	1		
11	1A-2029	BOLT (3/8-16X1.125-IN)	2		

CAT codes: C.

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