

CATERPILLAR 651E

4YR / SEBP2595

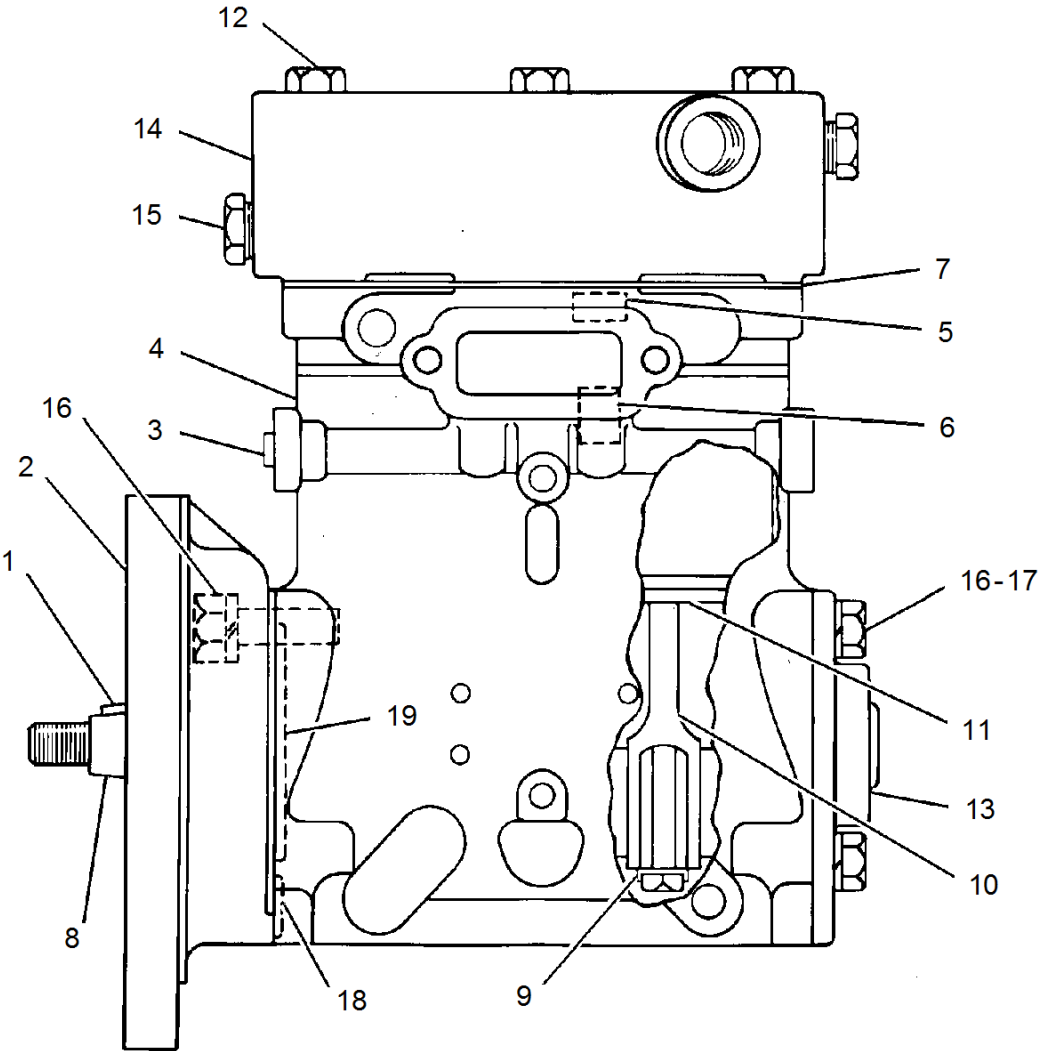
Contents

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

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

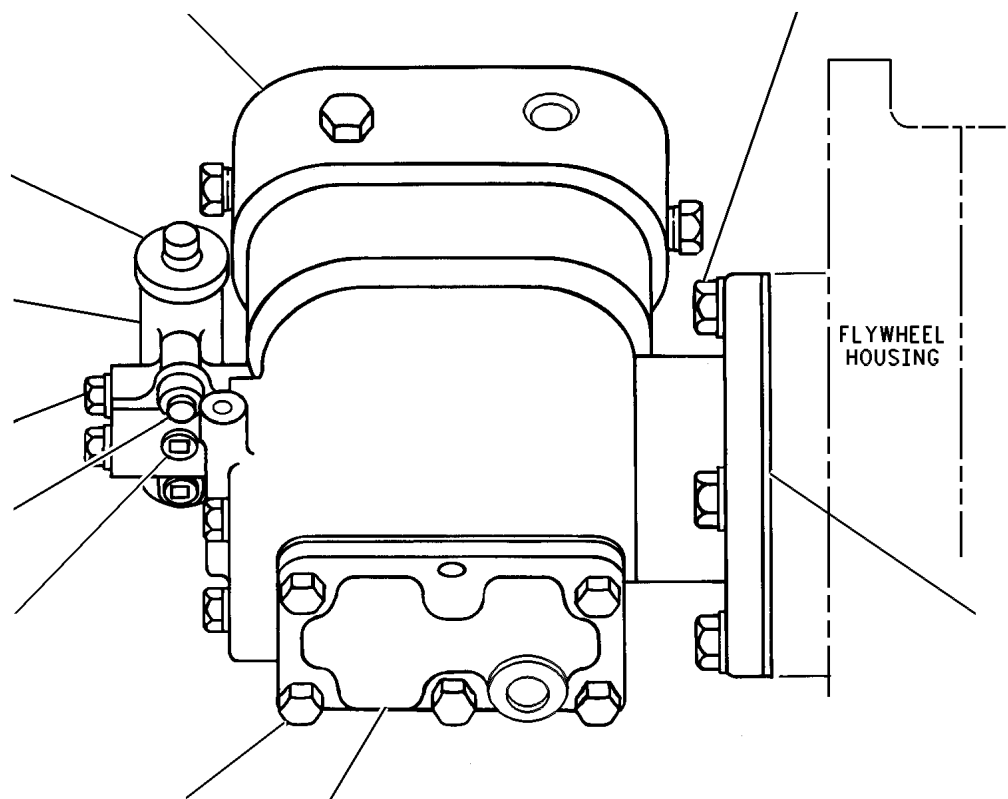
Kit / parts list. The current source card does not provide a separate drawing.

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



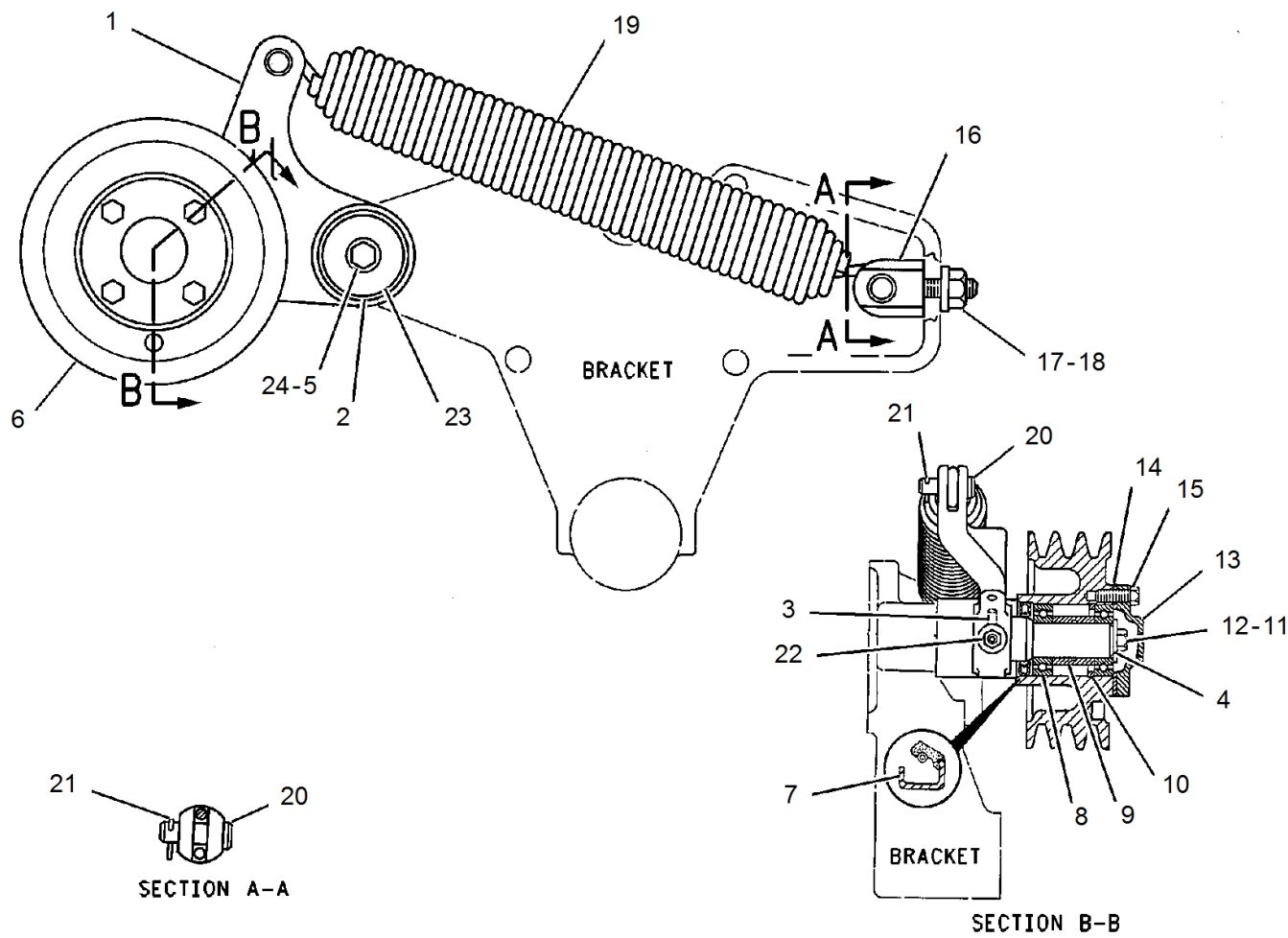
Ref.	Part number	Description	Qty	Code	Group page
1	0S-1585	BOLT (1/2-13X1.5-IN)	3		
	5P-8245	WASHER-HARD (13.5X25.5X3-MM THK)	3	C	
2	7W-5735	GASKET	1	C	
3	8N-1646	COVER	1		
	6N-0634	GASKET-COVER	1		
4	0L-1351	BOLT (3/8-16X0.875-IN)	5		
5	9F-2247	PLUG-PIPE (1/8-27-THD)	5	C	
6	5F-5434	VALVE AS-VENT (GOVERNOR, 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 4YR1-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		

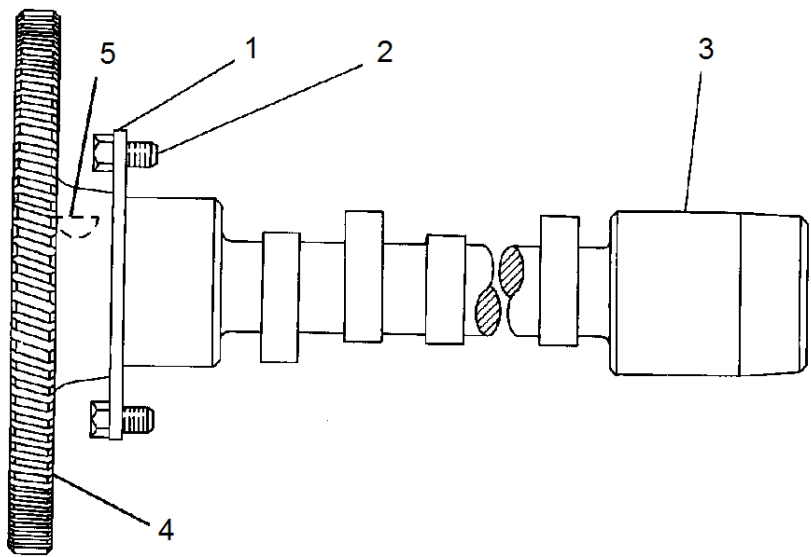
9N-6669 BELT TENSIONER GP (continued)

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



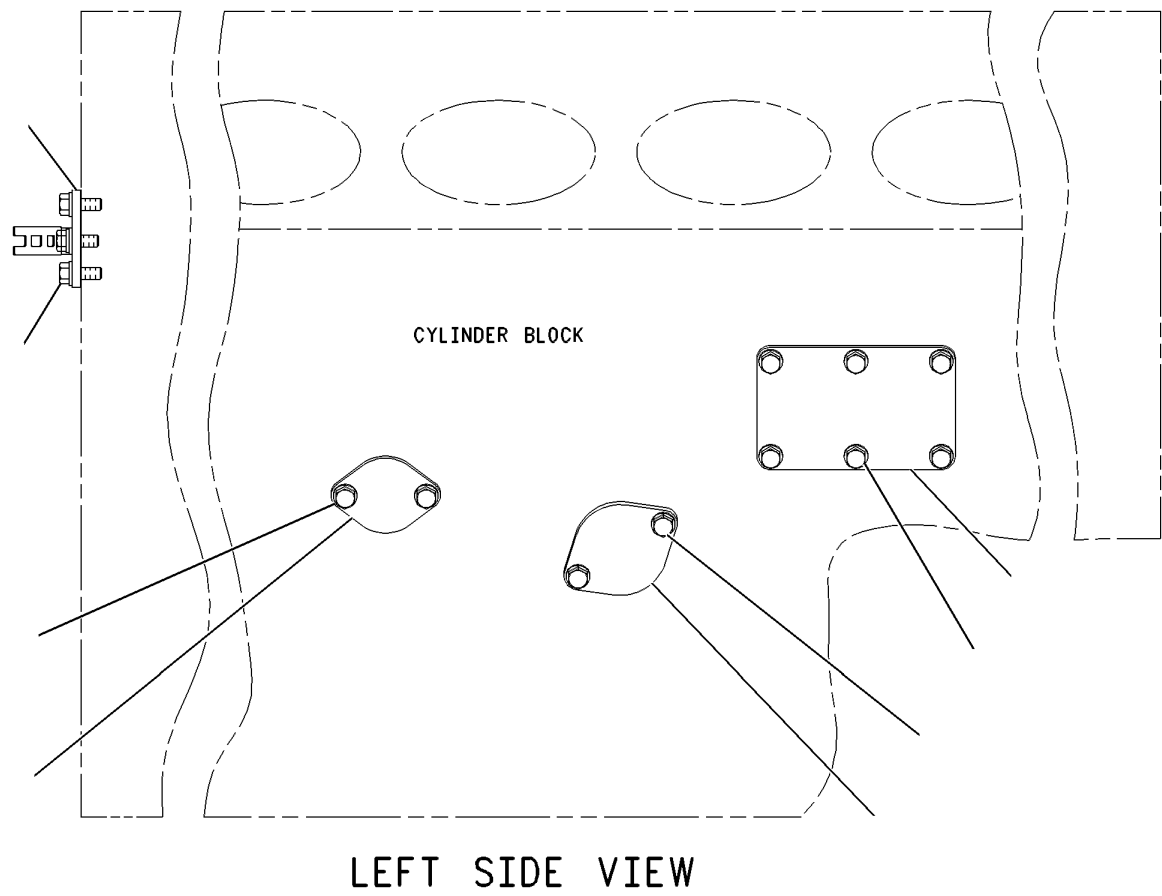
Ref.	Part number	Description	Qty	Code	Group page
1	4N-0342	PLATE	1		
2	0S-0509	BOLT (3/8-16X0.75-IN)	2		
3	108-6278	CAMSHAFT AS	1		
4	101-3374	GEAR (86-TEETH)	1		
5	1B-8705	KEY-WOODRUFF	1		

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

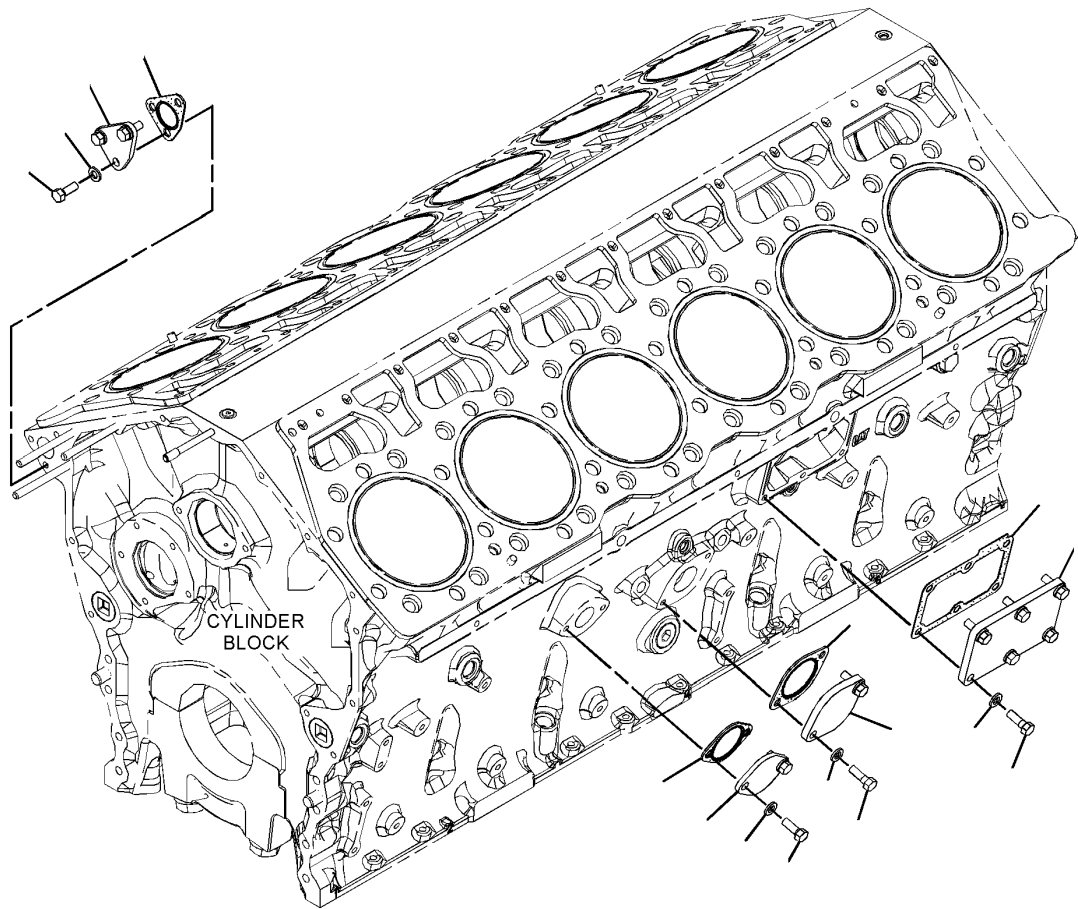


Ref.	Part number	Description	Qty	Code	Group page
1	4N-1683	COVER	1		
2	4N-1684	GASKET	1		
3	0S-1594	BOLT (3/8-16X1-IN)	13		
4	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	13		
5	2P-2772	COVER	1		
6	234-8937	SEAL-INTEGRAL	1		
7	4N-0794	COVER	1		
8	7C-0307	GASKET	1		
9	4N-1682	COVER	1		
10	4N-0864	GASKET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

MANUALS-KOMATSU.COM

Complete Caterpillar PDF Parts Catalogue

4YR-SEBP2595

\$99

Buy on this catalogue page in our store.

Download instructions are sent after payment confirmation.

Buy complete PDF - \$99