

CATERPILLAR 5110B

AAA / SEBP3019

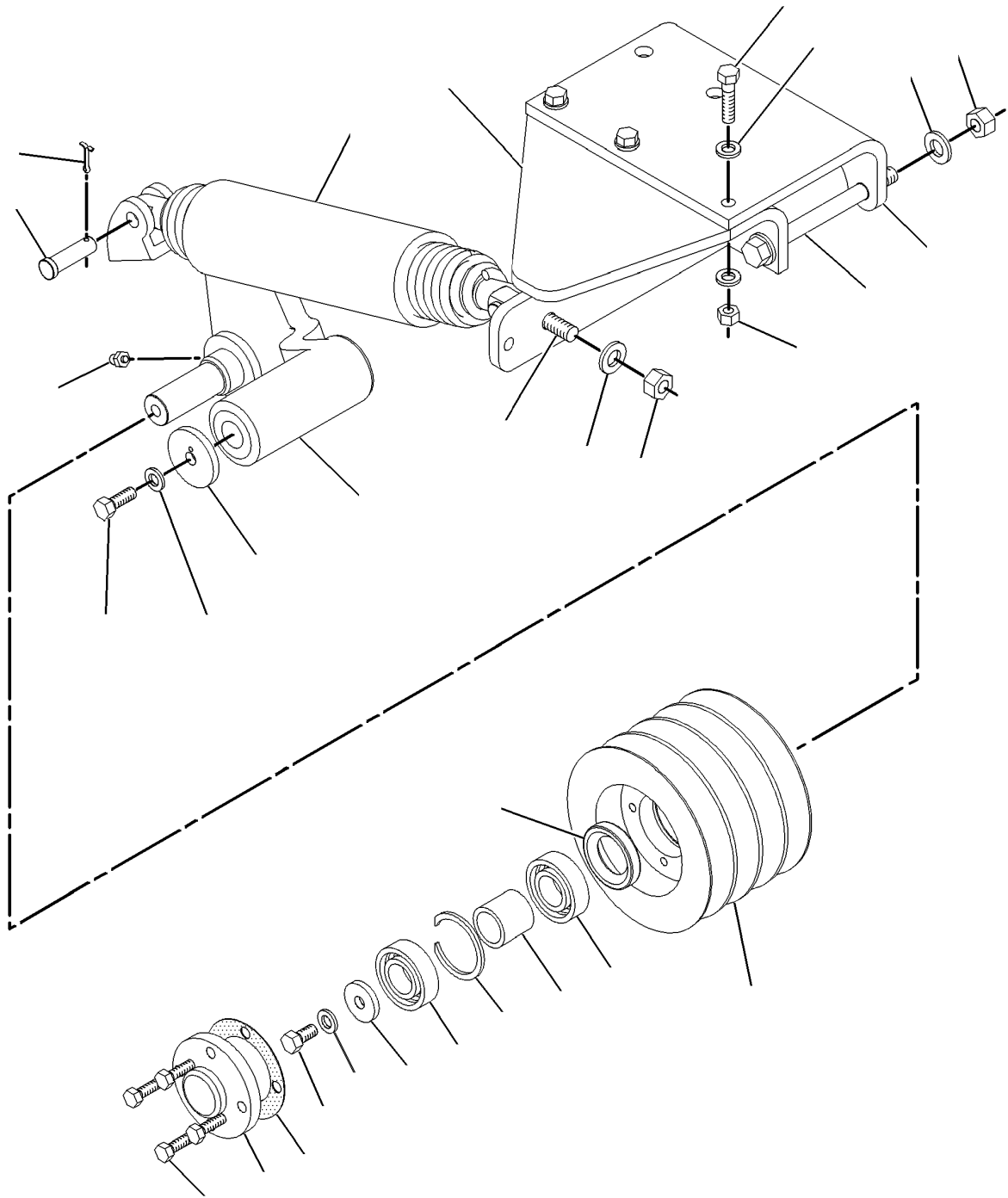
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164-2211 BELT TENSIONER GP -FAN

164-2211 BELT TENSIONER GP -FAN S/N AAA1-UP PART OF 162-9647 INSTALLATION AR-ENGINE

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	1S-8687	SPACER (25.5X33.4X31.75-MM THK)	1		
2	2M-2742	PLATE-RETAINER	1		
3	2S-6150	COVER-PULLEY	1		
4	2S-6151	GASKET	1		
5	3B-4617	PIN-COTTER	2		

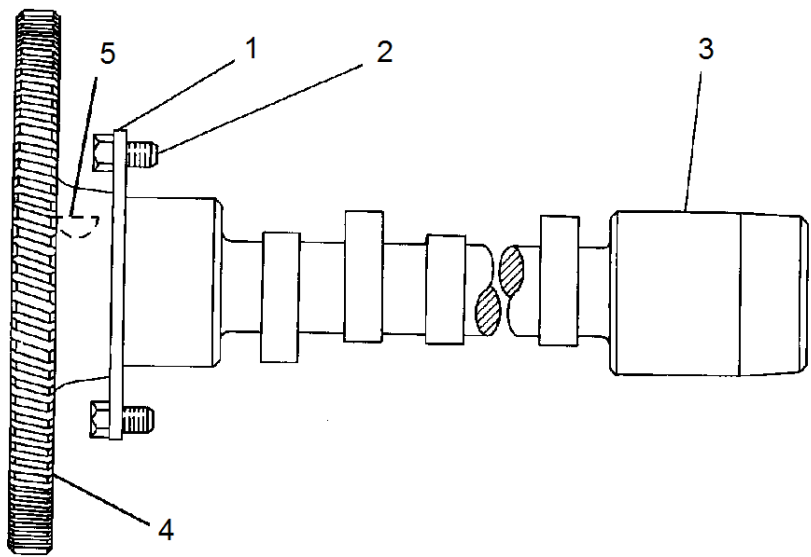
164-2211 BELT TENSIONER GP -FAN (continued)

Ref.	Part number	Description	Qty	Code	Group page
6	3B-8489	FITTING-GREASE (1/8-27 PTF)(BELT TIGHTENER)	1		
7	5M-9735	SEAL-LIP TYPE	1		
8	6B-1124	BALL BEARING	2		
9	6I-1446	BRACKET AS	1		
	1F-0750	NUT-WELD (3/8-16-THD)	2		
10	6I-1447	BRACKET AS	1		
11	6N-1186	PULLEY	1		
12	6S-6308	PIN	2		
13	8B-2327	RING-RETAINING	1		
14	8N-5579	RETAINER	1		
15	8N-6097	ARM AS-TIGHTENER	1		
	2S-9006	SHAFT-PULLEY	1		
	3H-0703	DOWEL	1		
	4S-5367	BUSHING AS (MOUNT)	1		
16	161-7128	SPRING AS	1		
	7I-1334	HOSE	1		
17	0S-0509	BOLT (3/8-16X0.75-IN)	1		
18	0S-1594	BOLT (3/8-16X1-IN)	1		
19	0S-1618	BOLT (5/16-18X1-IN)	4		
20	1F-7958	NUT-FULL (1/2-13-THD)	1		
21	2S-6160	WASHER-HARD (10.2X32X5-MM THK)	1		
22	4L-9337	BOLT (3/8-16X1.5-IN)	3		
23	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	2		
24	5P-8245	WASHER-HARD (13.5X25.5X3-MM THK)	1		
25	6V-8188	NUT (1/2-13-THD)	2		
26	6V-8801	NUT (3/8-16-THD)	3		
27	7X-0336	BOLT (1/2-13X5.5-IN)	2		
28	8T-4223	WASHER-HARD (13.5X25.5X3-MM THK)	4		
29	8T-4896	WASHER-HARD (10.2X18.5X2.5-MM THK)	6		

108-1553 CAMSHAFT GP

108-1553 CAMSHAFT GP S/N 80M3054-UP PART OF 170-9159 ENGINE AR

Drawing 1 of 1



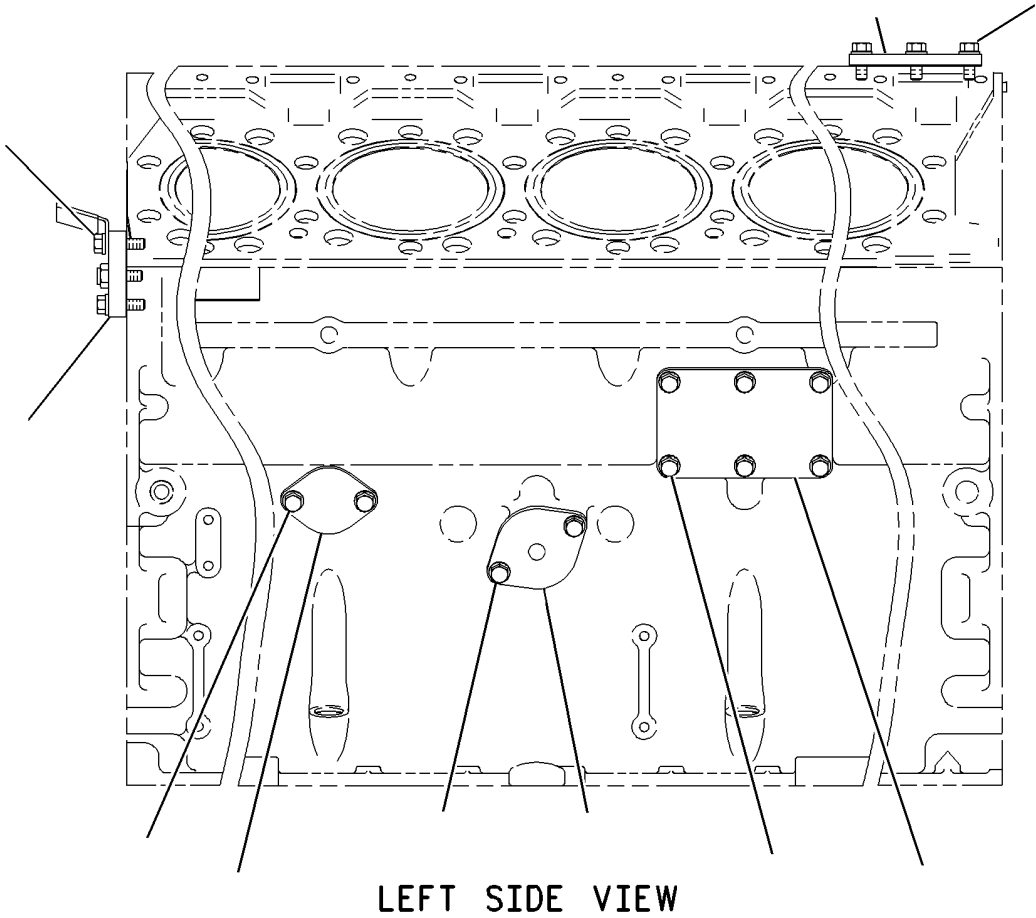
Ref.	Part number	Description	Qty	Code	Group page
1	4N-0342	PLATE	1		
2	0S-0509	BOLT (3/8-16X0.75-IN)	2		
3	108-6278	CAMSHAFT AS	1		
4	101-3374	GEAR (86-TEETH)	1		
5	1B-8705	KEY-WOODRUFF	1		

CAT codes: R.

130-5766 COVER GP-CYLINDER BLOCK

130-5766 COVER GP-CYLINDER BLOCK S/N 80M3054-8517 PART OF 170-9159 ENGINE AR

Drawing 1 of 1

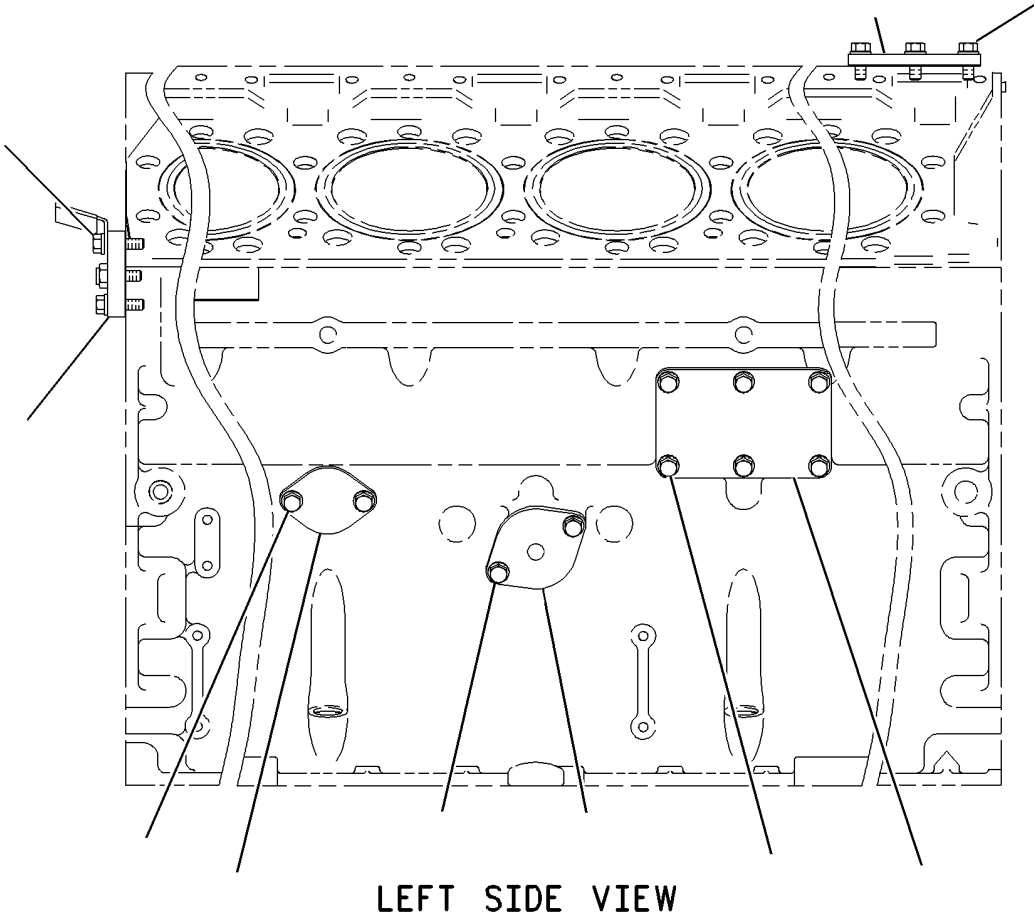


Ref.	Part number	Description	Qty	Code	Group page
1	4N-1683	COVER	1		
2	4N-1684	GASKET	1		
3	0S-1594	BOLT (3/8-16X1-IN)	16		
4	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	16		
5	4N-1779	COVER	1		
6	4N-4307	GASKET	1		
7	4N-1682	COVER	1		
8	4N-0864	GASKET	1		
9	4N-0794	COVER	1		
10	7C-0307	GASKET	1		
11	2P-2772	COVER	1		
12	234-8937	SEAL-INTEGRAL	1		

130-5766 COVER GP-CYLINDER BLOCK

130-5766 COVER GP-CYLINDER BLOCK S/N 80M8518-UP PART OF 170-9159 ENGINE AR

Drawing 1 of 1

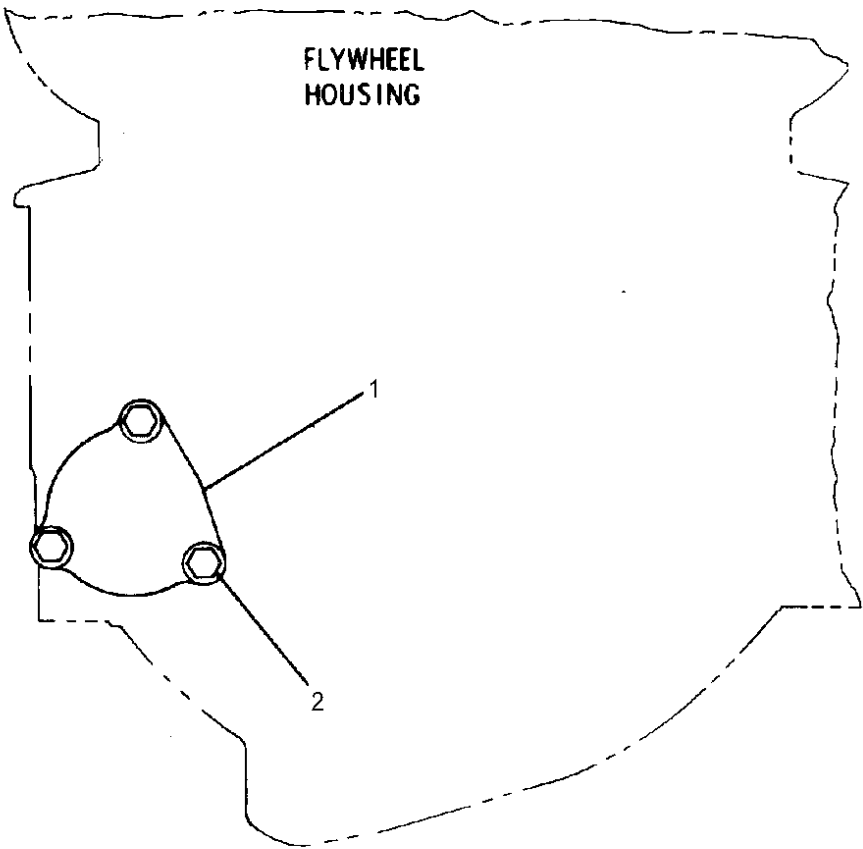


Ref.	Part number	Description	Qty	Code	Group page
1	4N-1683	COVER	1		
2	239-5571	SEAL-INTEGRAL	1		
3	0S-1594	BOLT (3/8-16X1-IN)	16		
4	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	16		
5	4N-1779	COVER	1		
6	4N-4307	GASKET	1		
7	4N-1682	COVER	1		
8	4N-0864	GASKET	1		
9	4N-0794	COVER	1		
10	239-5572	SEAL-INTEGRAL	1		
11	2P-2772	COVER	1		
12	234-8937	SEAL-INTEGRAL	1		

4N-6876 COVER GP-FLYWHEEL HOUSING

4N-6876 COVER GP-FLYWHEEL HOUSING S/N 80M3054-UP PART OF 170-9159 ENGINE AR

Drawing 1 of 1

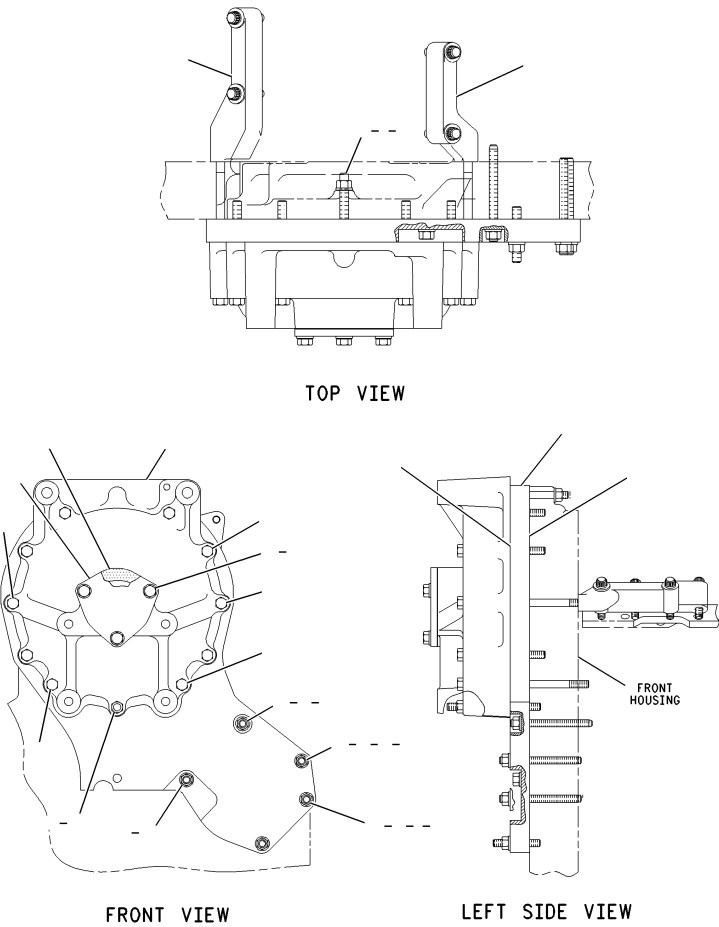


Ref.	Part number	Description	Qty	Code	Group page
1	4N-1114	COVER	1		
	9Y-6089	GASKET	1		
2	0S-1566	BOLT (5/8-11X1.5-IN)	3		
	5P-8247	WASHER-HARD (17X32X3.5-MM THK)	3		

133-9741 COVER GP-FRONT HOUSING

133-9741 COVER GP-FRONT HOUSING S/N 80M3054-UP PART OF 170-9159 ENGINE AR

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	2P-1974	STUD-TAPERLOCK (3/8-16X4.2-IN)	1		
2	9N-5576	COVER-FUEL PUMP GEAR	1		
3	6N-2509	COVER	1		
4	6N-2508	GASKET	1		
5	2M-2488	STUD-TAPERLOCK (3/8-16X3.59-IN)	1		
6	4M-8363	STUD	1		
7	116-5821	SUPPORT-HOUSING (RH)	1		
8	116-6264	SUPPORT-HOUSING (LH)	1		
9	3S-1307	BOLT-12 POINT HEAD (3/8-16X2-IN)	4		
10	036-7222	STUD	1		
11	0T-0055	BOLT (3/8-16X4.25-IN)	6		
12	0S-1594	BOLT (3/8-16X1-IN)	3		
13	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	9		
14	9S-8752	NUT-FULL (3/8-16-THD)	7		
15	2P-7556	STUD-TAPERLOCK (3/8-16-THD)	2		

133-9741 COVER GP-FRONT HOUSING (continued)

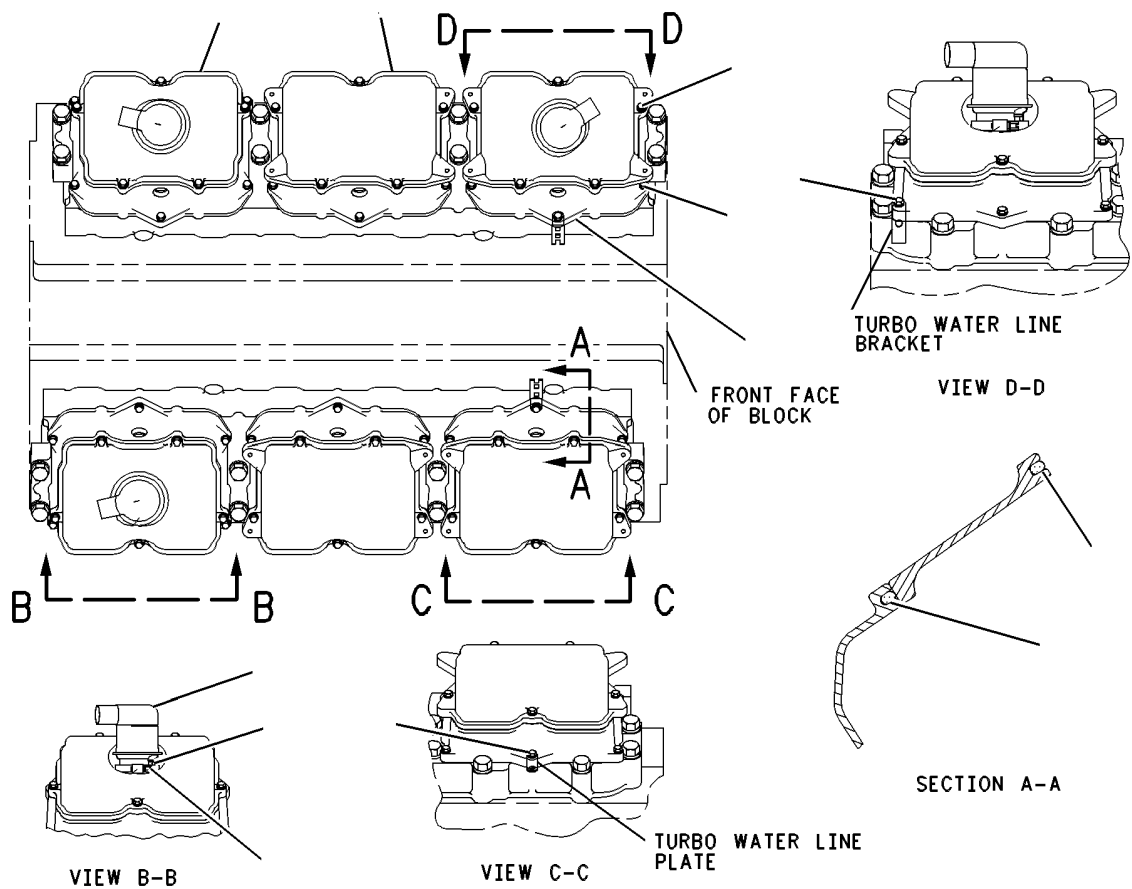
Ref.	Part number	Description	Qty	Code	Group page
16	4F-0411	BOLT (3/8-16X6.5-IN)	3		
17	7W-5982	PLATE-FAN SUPPORT	1		
18	1U-8846	SEALANT-GASKET		B	
19	2B-0941	SPACER (10.5X19X19-MM THK)	3		

CAT codes: B.

109-2335 COVER GP-VALVE MECHANISM

109-2335 COVER GP-VALVE MECHANISM S/N 80M3054-UP PART OF 170-9159 ENGINE AR

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	114-8684	COVER-VALVE MECHANISM	3		
2	119-9015	COVER AS-VALVE	3		
(EACH INCLUDES)					
	7C-6514	ADAPTER	1		
	272-2583	SEAL-O-RING	1		
3	1B-2790	BOLT (5/16-18X1.375-IN)	64		
4	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	66		
5	106-9488	BASE-VALVE MECHANISM COVER	6		
6	230-0940	SEAL-VALVE COVER	12		
7	4N-4668	BREATHER AS (CRANKCASE)	3		
8	6V-3831	SEAL-O-RING	3		
9	2N-8109	CLAMP	3		
10	1A-9579	BOLT (5/16-18X1.5-IN)	2		

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