

CATERPILLAR 657E

86Z / SEBP1398

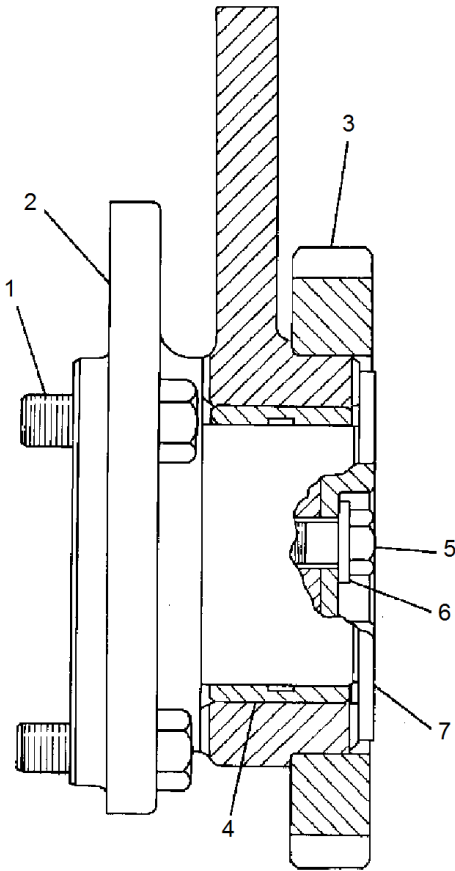
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4N-1092 BALANCER GP

4N-1092 BALANCER GP S/N 48W15036-UP PART OF 137-8417, 2W-0657, 6N-1831 ENGINE AR

Drawing 1 of 1



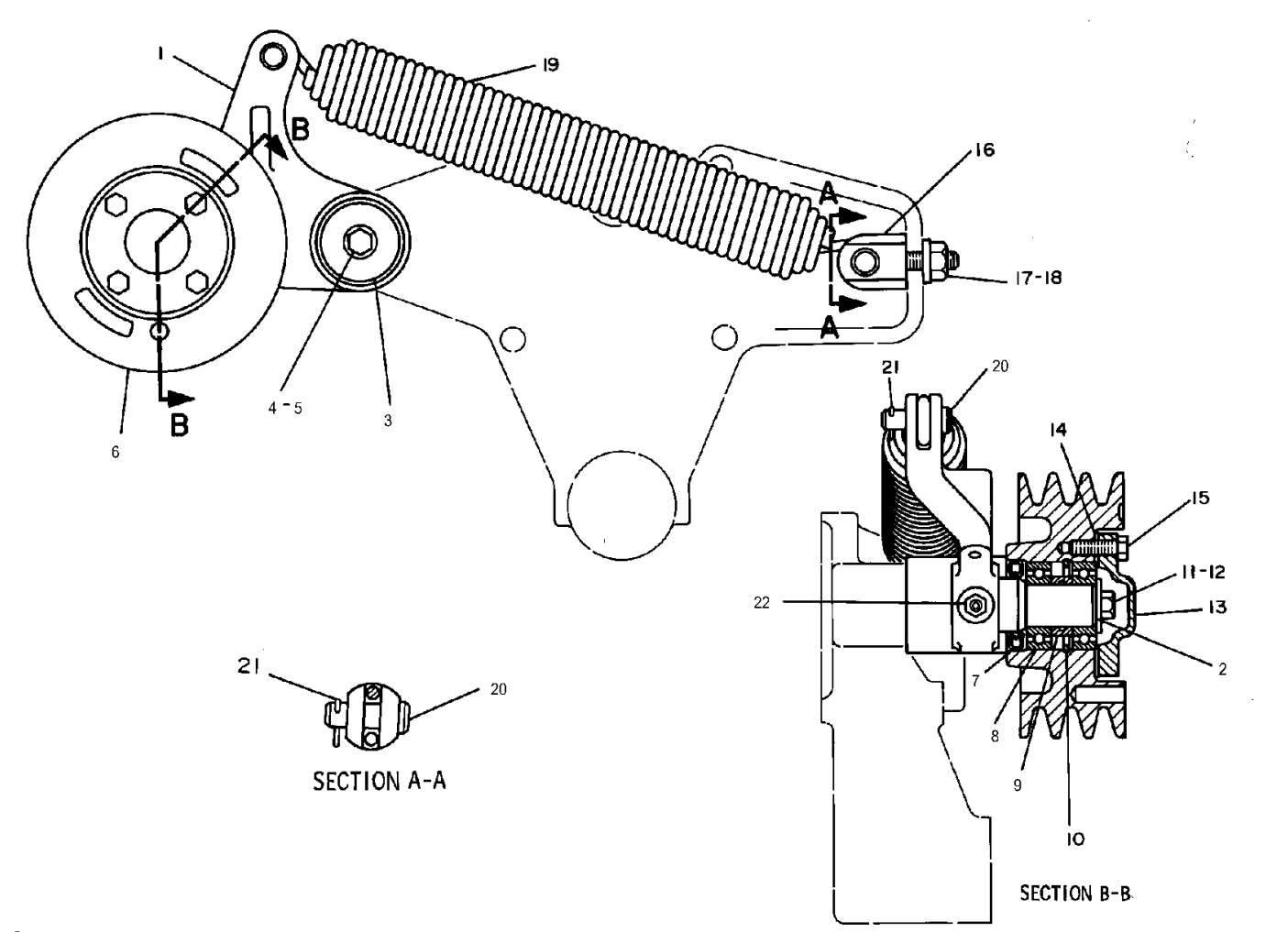
Ref.	Part number	Description	Qty	Code	Group page
1	0L-1351	BOLT (3/8-16X0.875-IN)	4		
2	1W-4449	SHAFT-BALANCE WEIGHT	1	C	
3	4N-1018	GEAR AS-WEIGHT (43-TEETH)	1		
	4S-9487	DOWEL	1		
4	4N-1015	BUSHING	1		
5	1B-7182	BOLT (5/16-18X1.25-IN)	1	C	
6	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	1		
7	4N-6576	PLATE-THRUST	1		

CAT codes: C.

8N-3310 BELT TENSIONER GP

8N-3310 BELT TENSIONER GP S/N 86Z1-125; 87Z1-UP PART OF 6N-1832 INSTALLATION AR-ENGINE

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	8N-3328	ARM AS-TIGHTENER	1		
	4S-5367	BUSHING AS (MOUNT)	1		
	4N-0955	DOWEL	1		
2	8N-3301	SHAFT-TIGHTENER	1		
3	2M-2742	PLATE-RETAINER	1		
4	0L-1351	BOLT (3/8-16X0.875-IN)	1		
5	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	1		
6	8N-3304	PULLEY-TIGHTENER	1		
7	5M-9735	SEAL-LIP TYPE	1		
8	6B-1124	BALL BEARING	2		
9	8N-3300	SPACER	1		
10	8B-2327	RING-RETAINING	1		

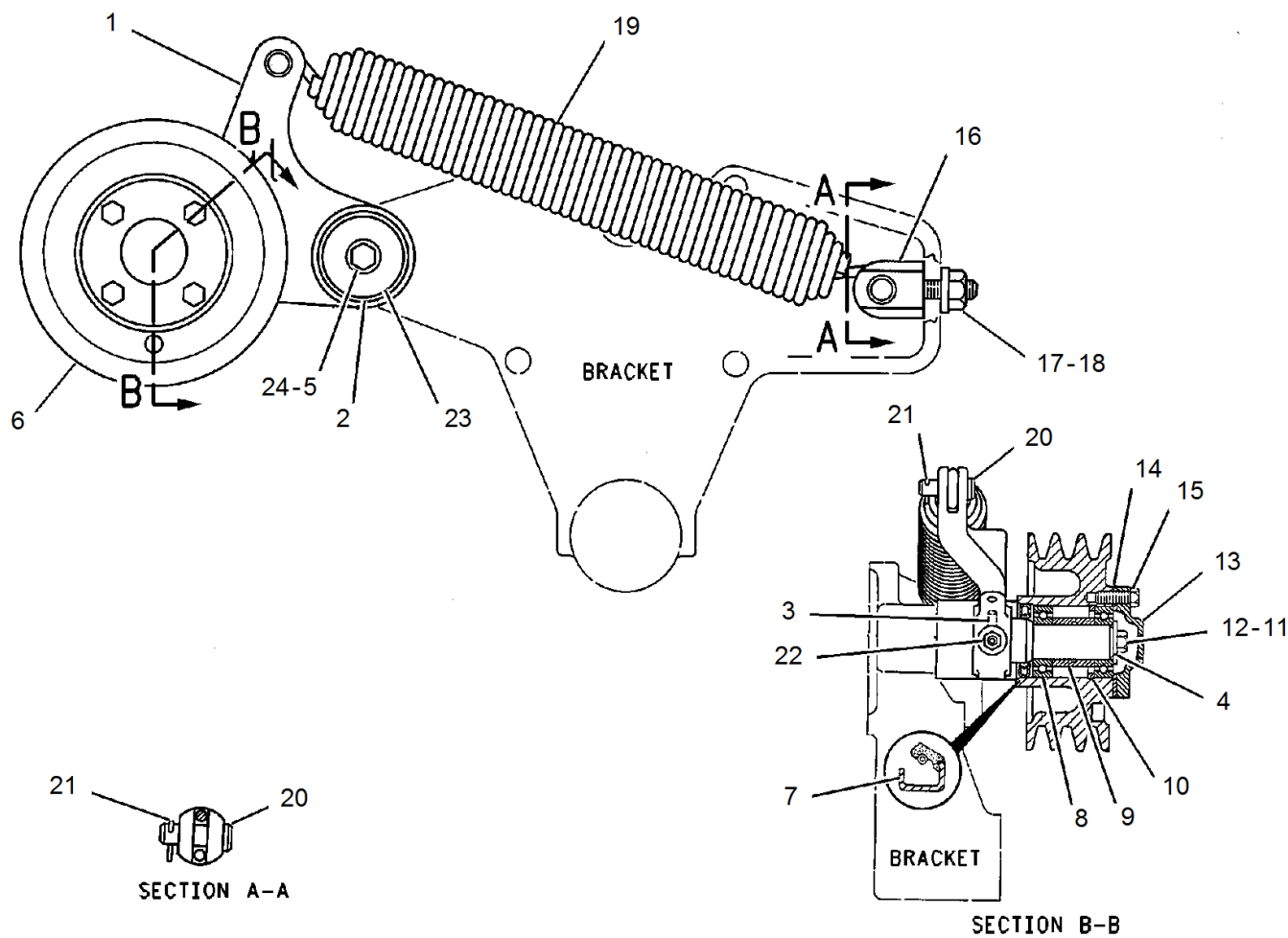
8N-3310 BELT TENSIONER GP (continued)

Ref.	Part number	Description	Qty	Code	Group page
11	2S-6160	WASHER-HARD (10.2X32X5-MM THK)	1		
12	0S-0509	BOLT (3/8-16X0.75-IN)	1		
13	2S-6150	COVER-PULLEY	1		
14	2S-6151	GASKET	1		
15	0S-1618	BOLT (5/16-18X1-IN)	4		
16	2S-6689	RETAINER-SPRING	1		
17	1D-4719	NUT-FULL (1/2-13-THD)	1		
18	2M-0849	WASHER-HARD (13.5X25.5X5-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		

9N-6669 BELT TENSIONER GP

9N-6669 BELT TENSIONER GP S/N 86Z126-139; 86Z142-143; 86Z148-148; 86Z150-UP PART OF 6N-1832
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		

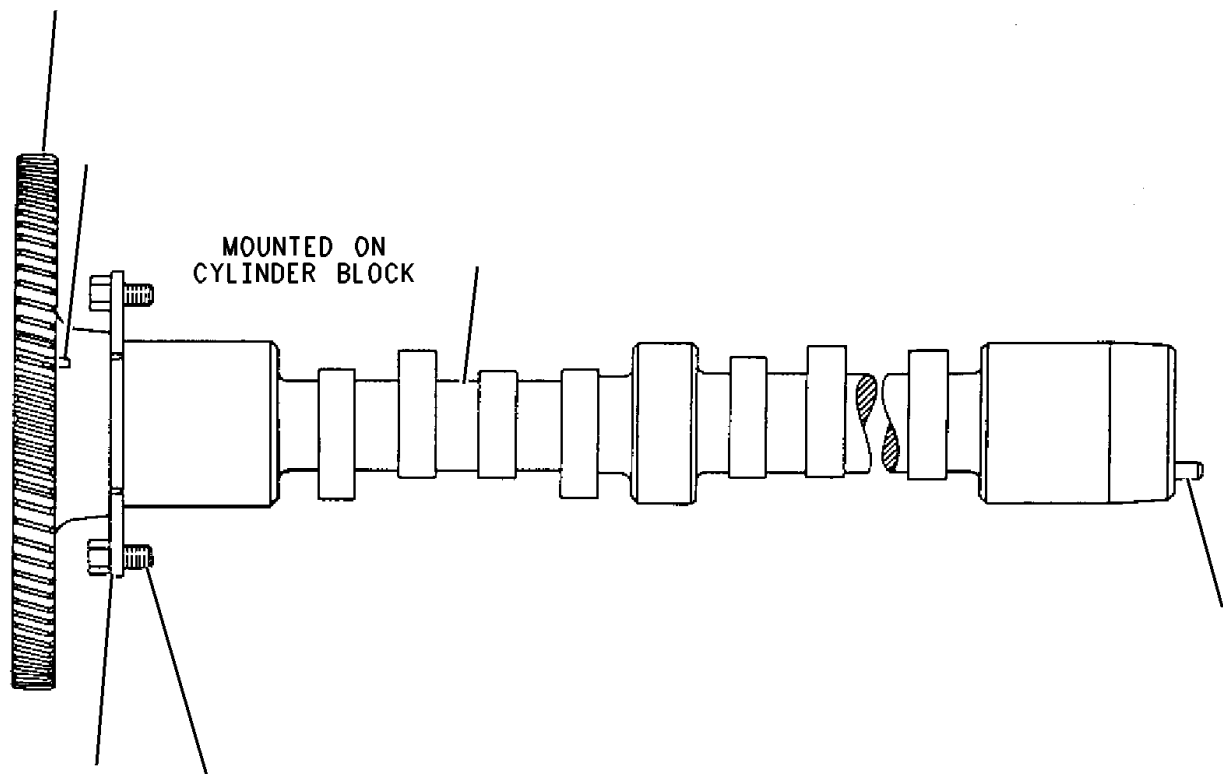
9N-6669 BELT TENSIONER GP (continued)

Ref.	Part number	Description	Qty	Code	Group page
11	2S-6160	WASHER-HARD (10.2X32X5-MM THK)	1		
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		

4N-0963 CAMSHAFT GP

4N-0963 CAMSHAFT GP S/N 48W15036-17859 SINGLE PART OF 6N-1831 ENGINE AR

Drawing 1 of 1



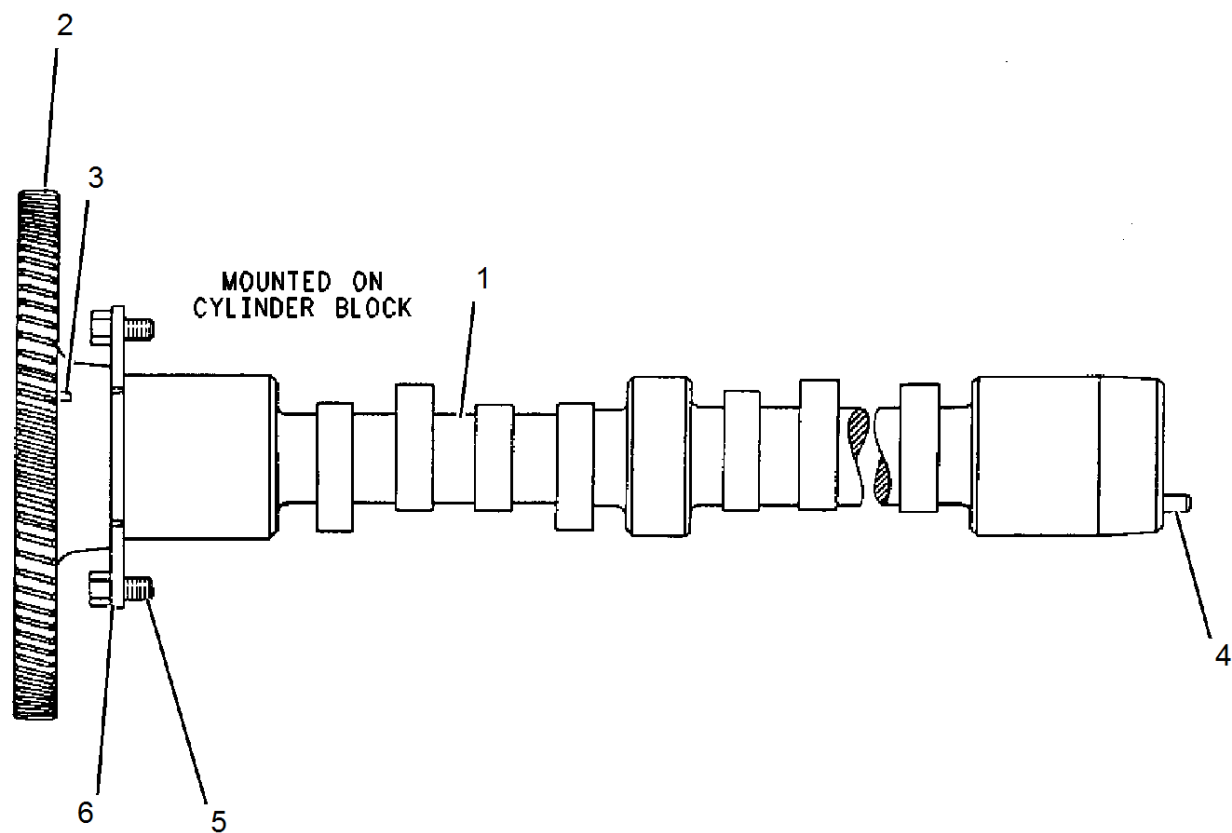
Ref.	Part number	Description	Qty	Code	Group page
1	1W-5058	CAMSHAFT AS	1	C	
2	7N-8345	GEAR-CAMSHAFT (86 TEETH)	1		
3	1B-8705	KEY-WOODRUFF	1		
4	4N-0955	DOWEL	1		
5	0S-0509	BOLT (3/8-16X0.75-IN)	2		
6	4N-0342	PLATE	1		

CAT codes: C.

4N-0963 CAMSHAFT GP

4N-0963 CAMSHAFT GP S/N 48W17860-UP SINGLE PART OF 137-8417, 2W-0657, 6N-1831 ENGINE AR

Drawing 1 of 1



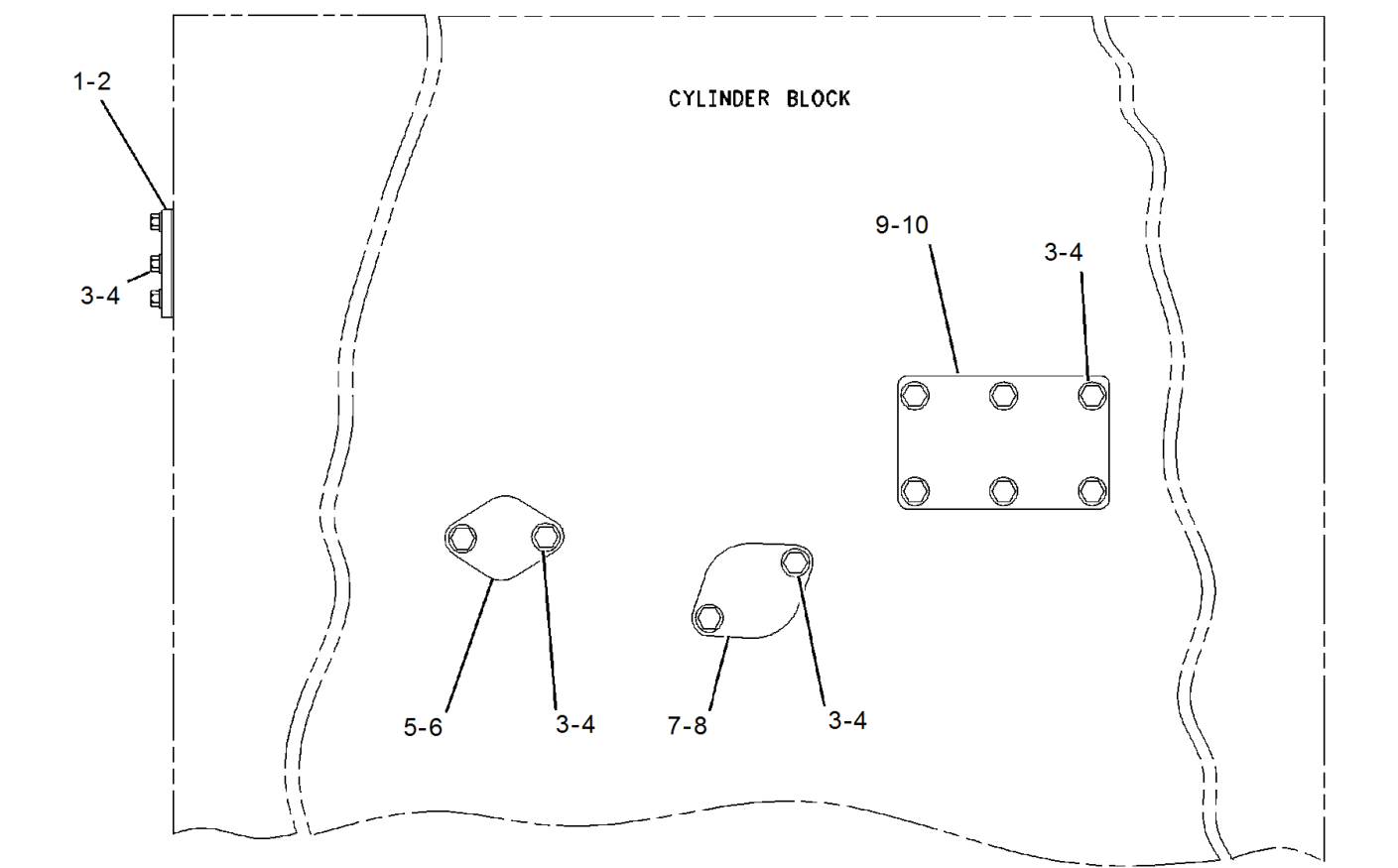
Ref.	Part number	Description	Qty	Code	Group page
1	2W-7980	CAMSHAFT AS	1	C	
2	101-3374	GEAR (86-TEETH)	1		
3	1B-8705	KEY-WOODRUFF	1		
4	4N-0955	DOWEL	1		
5	0S-0509	BOLT (3/8-16X0.75-IN)	2		
6	4N-0342	PLATE	1		

CAT codes: C, R.

4N-6866 COVER GP-CYLINDER BLOCK

4N-6866 COVER GP-CYLINDER BLOCK S/N 48W15036-21758 PART OF 2W-0657, 6N-1831 ENGINE AR

Drawing 1 of 1

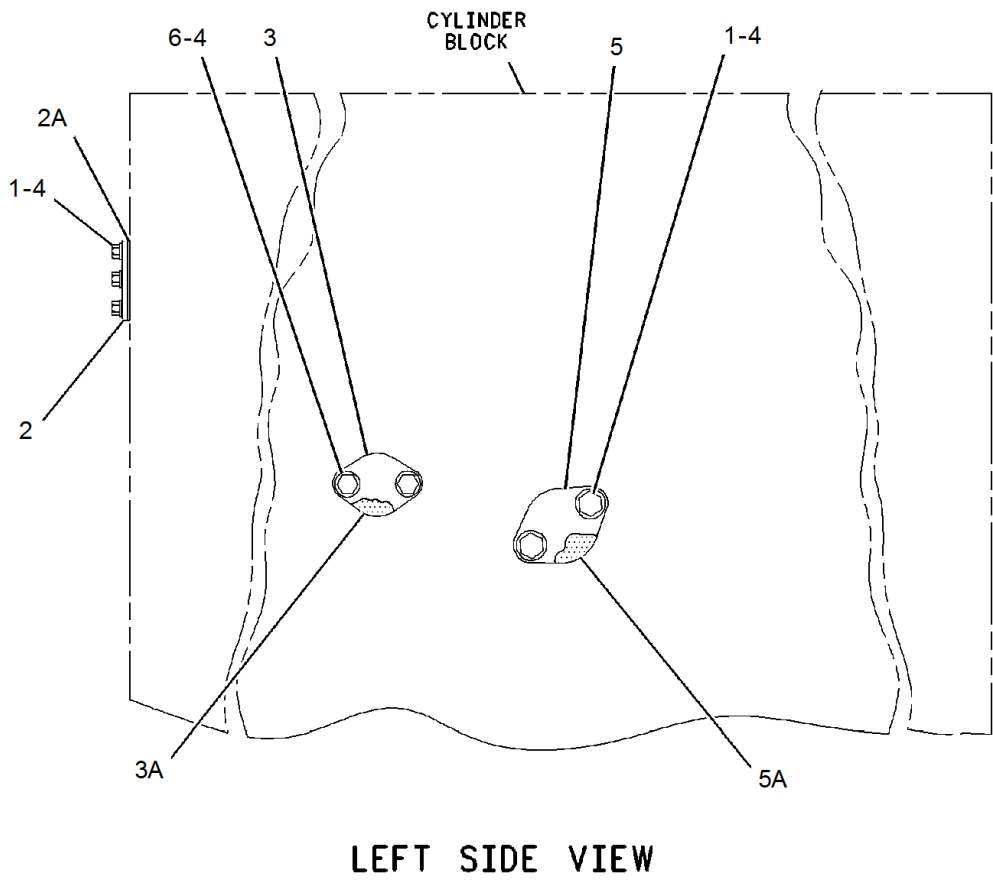


Ref.	Part number	Description	Qty	Code	Group page
1	4N-1683	COVER	1		
2	239-5571	SEAL-INTEGRAL	1		
3	0S-1594	BOLT (3/8-16X1-IN)	12		
4	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	12		
5	2P-2772	COVER	1		
6	234-8937	SEAL-INTEGRAL	1		
7	4N-0794	COVER	1		
8	239-5572	SEAL-INTEGRAL	1		
9	4N-1682	COVER	1		
10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

7C-2289 COVER GP-CYLINDER BLOCK

7C-2289 COVER GP-CYLINDER BLOCK S/N 48W19977-UP PART OF 137-8417, 2W-0657 ENGINE AR

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	0S-1594	BOLT (3/8-16X1-IN)	5		
2	4N-1683	COVER	1		
2A	239-5571	SEAL-INTEGRAL	1		
3	2P-2772	COVER	1		
3A	234-8937	SEAL-INTEGRAL	1		
4	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	7		
5	4N-0794	COVER	1		
5A	239-5572	SEAL-INTEGRAL	1		
6	0L-1351	BOLT (3/8-16X0.875-IN)	2		

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