

CATERPILLAR CP-433E

CYE / KEBP0253

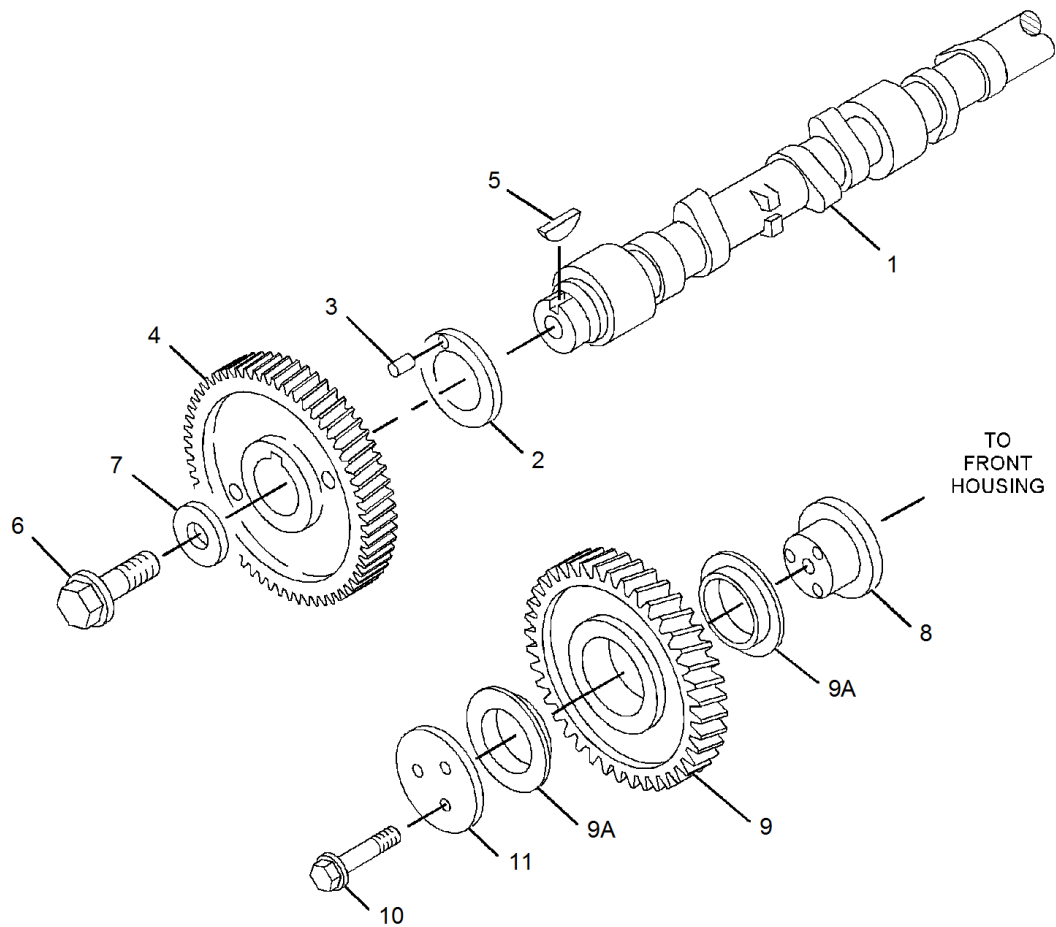
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139-4669 CAMSHAFT GP

139-4669 CAMSHAFT GP S/N 7BJ1-UP PART OF 177-9749 ENGINE AR-PRIMARY

Drawing 1 of 1



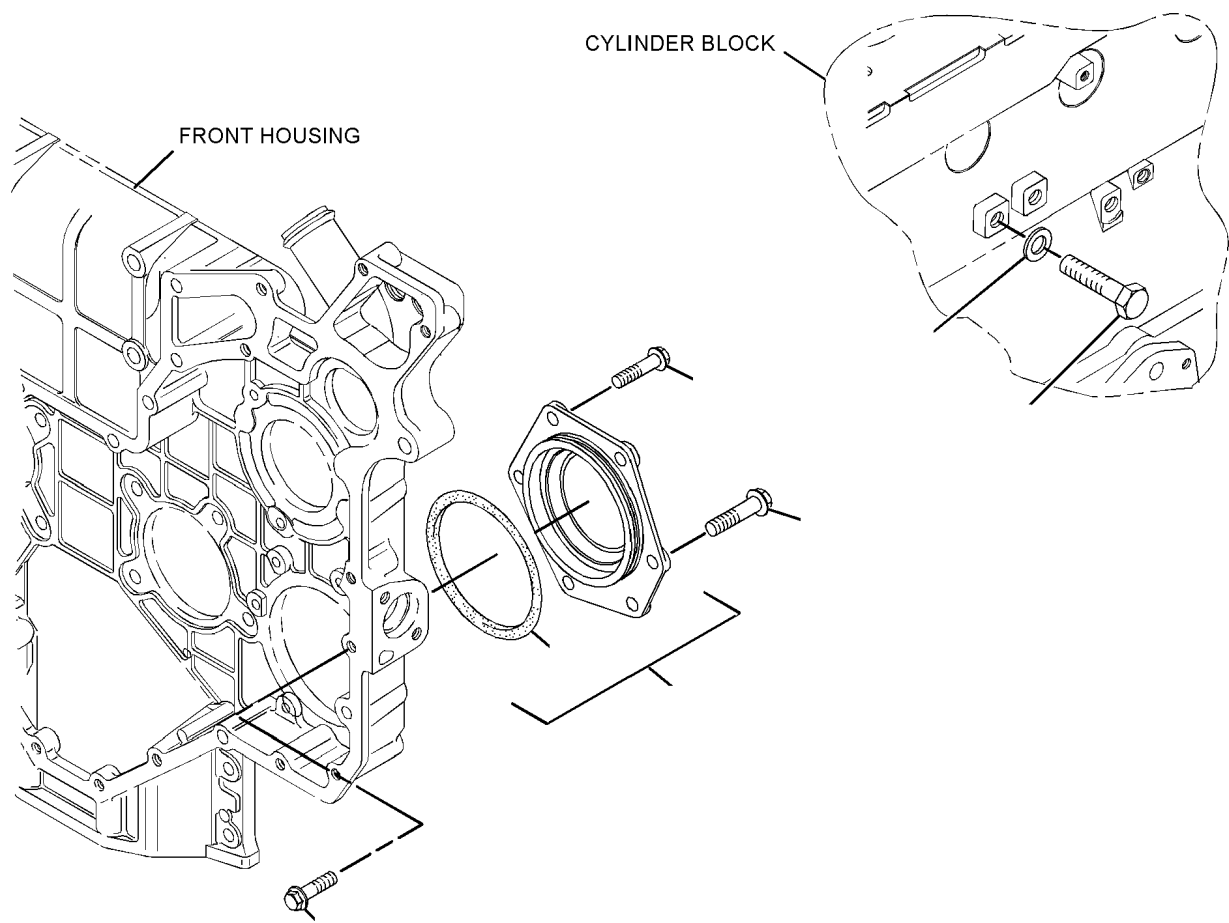
Ref.	Part number	Description	Qty	Code	Group page
1	356-3503	CAMSHAFT	1		
2	7W-4842	WASHER-THRUST	1		
3	067-6179	DOWEL	1		
4	9Y-2633	GEAR-CAMSHAFT (56-TEETH)	1		
5	067-6135	KEY-WOODRUFF (CAMSHAFT)	1		
6	7C-4616	BOLT (M12X1.75X45-MM)	1	M	
7	133-1011	WASHER	1		
8	324-0444	HUB-IDLER GEAR	1		
9	2W-1529	GEAR AS-IDLER (63-TEETH)	1		
9A	067-6899	BUSHING-IDLER GEAR	2		
10	6I-0650	BOLT (M10X1.5X65-MM)	3	M	
11	346-0408	PLATE	1		

CAT codes: M.

141-6149 COVER GP-ACCESSORY DRIVE

141-6149 COVER GP-ACCESSORY DRIVE S/N 7BJ1-UP PART OF 177-9749 ENGINE AR-PRIMARY

Drawing 1 of 1



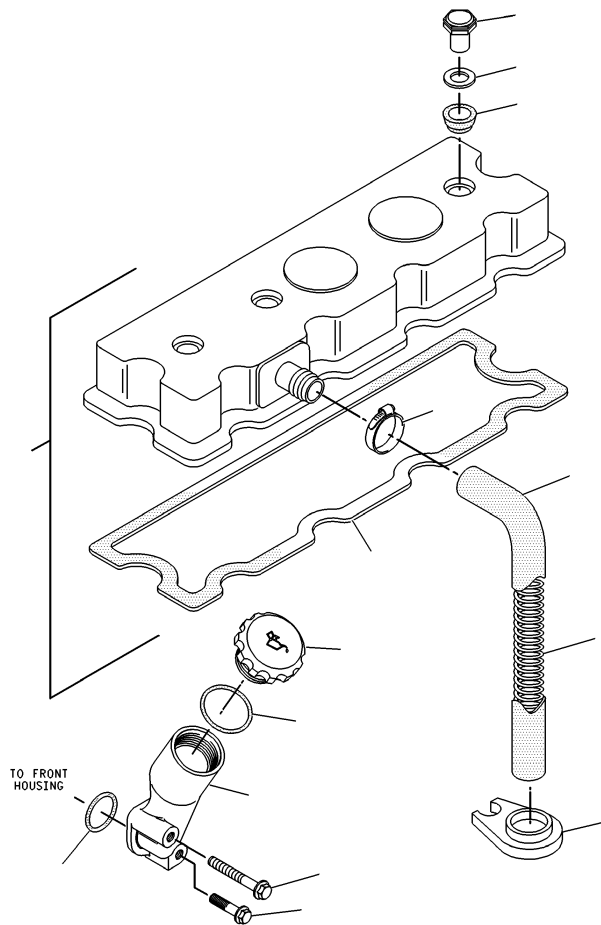
Ref.	Part number	Description	Qty	Code	Group page
1	100-4830	BOLT (M10X1.5X20-MM)	1	M	
2	6I-0593	BOLT (M10X1.5X30-MM)	1	M	
3	329-7854	PLATE AS	1	C	
3A	329-7856	SEAL-O-RING	1		
4	111-8222	BOLT (M8X1.25X16-MM)	5	M	
5	6I-0646	BOLT (M10X1.5X14-MM)	1	M	
6	067-6810	WASHER	1		

CAT codes: C, M.

166-5278 COVER GP-VALVE MECHANISM

166-5278 COVER GP-VALVE MECHANISM S/N 7BJ1-UP PART OF 177-9749 ENGINE AR-PRIMARY

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	4B-4281	WASHER (16.8X33X2.5-MM THK)	3		
2	6I-0456	BOLT (M8X1.25X45-MM)	1	M	
3	6I-4374	BOLT (M8X1.25X60-MM)	1	M	
4	7C-1281	BRACKET	1		
5	5D-1026	CLAMP-BAND	1		
6	101-3675	SEAL	3		
7	160-6988	FILLER AS-OIL	1		
8	113-1505	SEAL-O-RING	1		
9	130-9888	CAP AS-OIL FILLER (ENGINE)	1		
9A	113-1504	SEAL-O-RING	1		
10	166-5276	COVER AS-VALVE	1		
11	200-6374	SEAL-COVER (VALVE)	1		

166-5278 COVER GP-VALVE MECHANISM (continued)

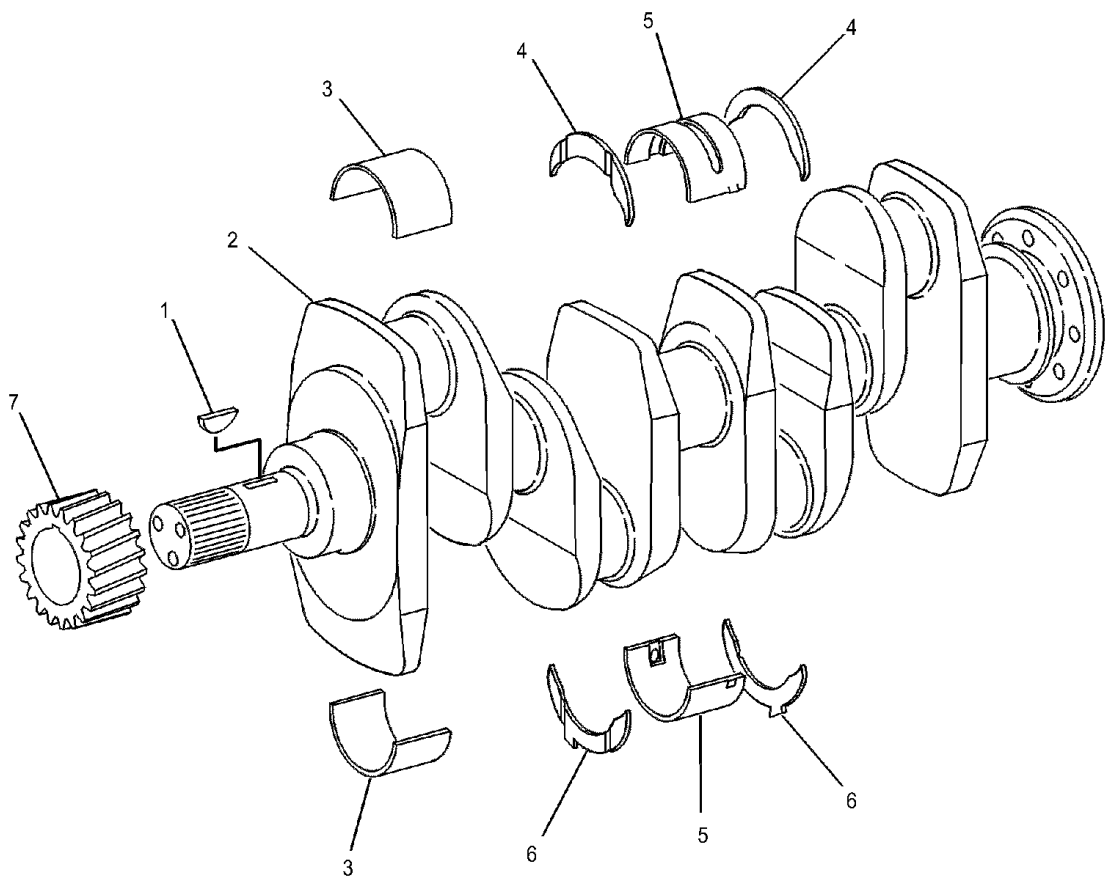
Ref.	Part number	Description	Qty	Code	Group page
12	198-8272	HOSE (FUMES DISPOSAL)	1		
13	177-2939	NUT-RETAINING	3		
14	162-1565	SPRING (CRANKCASE BREATHER HOSE)	1		

CAT codes: M.

139-4664 CRANKSHAFT GP

139-4664 CRANKSHAFT GP S/N 7BJ1-UP PART OF 177-9749 ENGINE AR-PRIMARY

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	1B-8736	KEY-WOODRUFF	1		
2	4P-9948	CRANKSHAFT GP	1		
3	353-2205	KIT-ROD BEARING (STANDARD)	1	B	
	353-2206	KIT-ROD BEARING (0.25-MM US)		AB	
	353-2207	KIT-ROD BEARING (0.50-MM US)		AB	
	353-2208	KIT-ROD BEARING (0.75-MM US)		AB	
4	032-9090	WASHER-THRUST (STANDARD-UPPER)	2	B	
	067-6873	WASHER-THRUST (0.18-MM OS)	2	AB	
5	353-7427	KIT-BEARING (STANDARD)	1	B	
	353-7428	KIT-BEARING (0.25-MM US)		AB	
	353-7429	KIT-BEARING (0.50-MM US)		AB	
	353-7430	KIT-BEARING (0.75-MM US)		AB	
6	032-9091	WASHER-THRUST (STANDARD-LOWER)	2	B	

139-4664 CRANKSHAFT GP (continued)

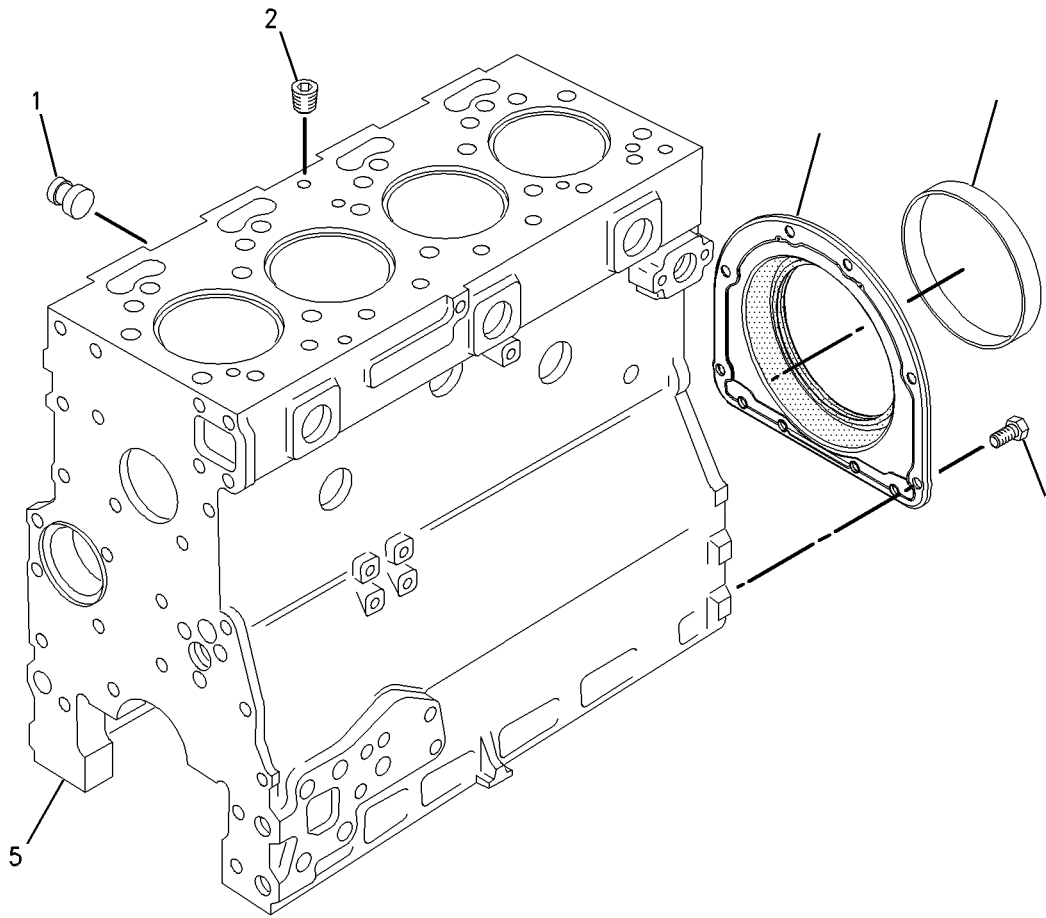
Ref.	Part number	Description	Qty	Code	Group page
	067-6873	WASHER-THRUST (0.18-MM OS)	2	AB	
	067-6874	WASHER-THRUST (0.18-MM OS)(LOWER)	2	AB	
7	6I-0223	GEAR-CRANKSHAFT (28-TEETH)	1		

CAT codes: A, B, R.

139-4663 CYLINDER BLOCK GP

139-4663 CYLINDER BLOCK GP S/N 7BJ1-UP PART OF 177-9749 ENGINE AR-PRIMARY

Drawing 1 of 1



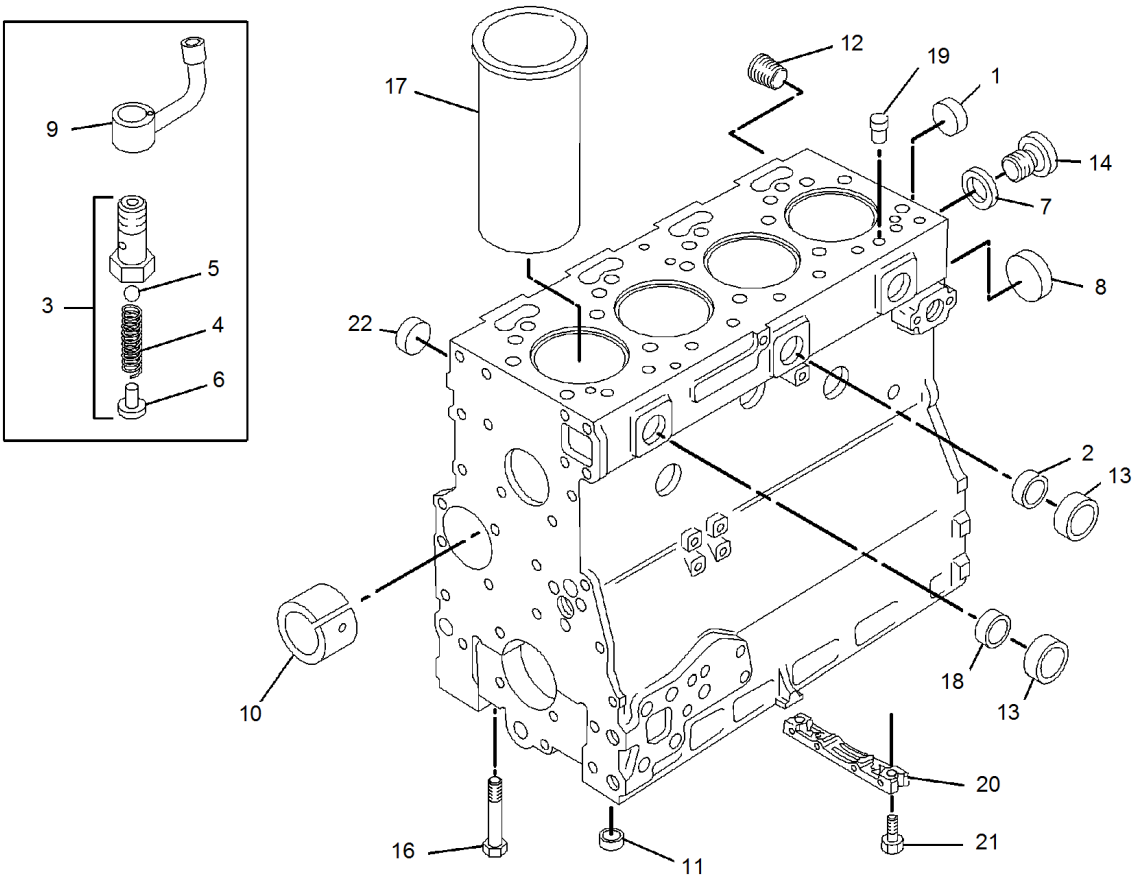
Ref.	Part number	Description	Qty	Code	Group page
1	7W-2501	PLUG	1		
2	067-6808	PLUG	1		
3	209-9218	HOUSING AS	1		
4	219-2512	SLEEVE	1	A	
5	209-5562	CYLINDER BLOCK GP	1	Y	
6	209-9219	BOLT (M8X1.25X16-MM)	10	M	

CAT codes: A, M, Y.

209-5562 CYLINDER BLOCK GP

209-5562 CYLINDER BLOCK GP S/N 7BJ1-54855 PART OF 139-4663 CYLINDER BLOCK GP

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	1N-3762	PLUG-CUP	9		
2	6I-0195	PLUG	1		
3	6I-1074	VALVE AS (OIL JET)	4		
(EACH INCLUDES)					
4	6I-0686	SPRING	1		
5	6I-1075	BALL	1		
6	6I-1076	RETAINER	1		
7	8F-2534	GASKET	1		
8	494-3830	PLUG-FREEZE	1		
9	148-3026	JET AS-PISTON COOLING	4		
10	036-5802	BEARING	1		
11	067-6002	DOWEL	10		
12	067-6006	PLUG	1		
13	067-6043	PLUG-SIDE	6		
14	067-6805	PLUG	1		

209-5562 CYLINDER BLOCK GP (continued)

Ref.	Part number	Description	Qty	Code	Group page
16	035-8068	BOLT (5/8-18X3.75-IN)	10		
17	111-1815	LINER	4		
18	127-9768	PLUG	1		
19	147-1978	DOWEL	2		
20	113-0309	BRIDGE	1		
21	8T-0269	BOLT-SOCKET HEAD (M6X1X20-MM)	2	M	

CAT codes: M.

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