

CATERPILLAR CS-563D

2RZ / KEBP0209

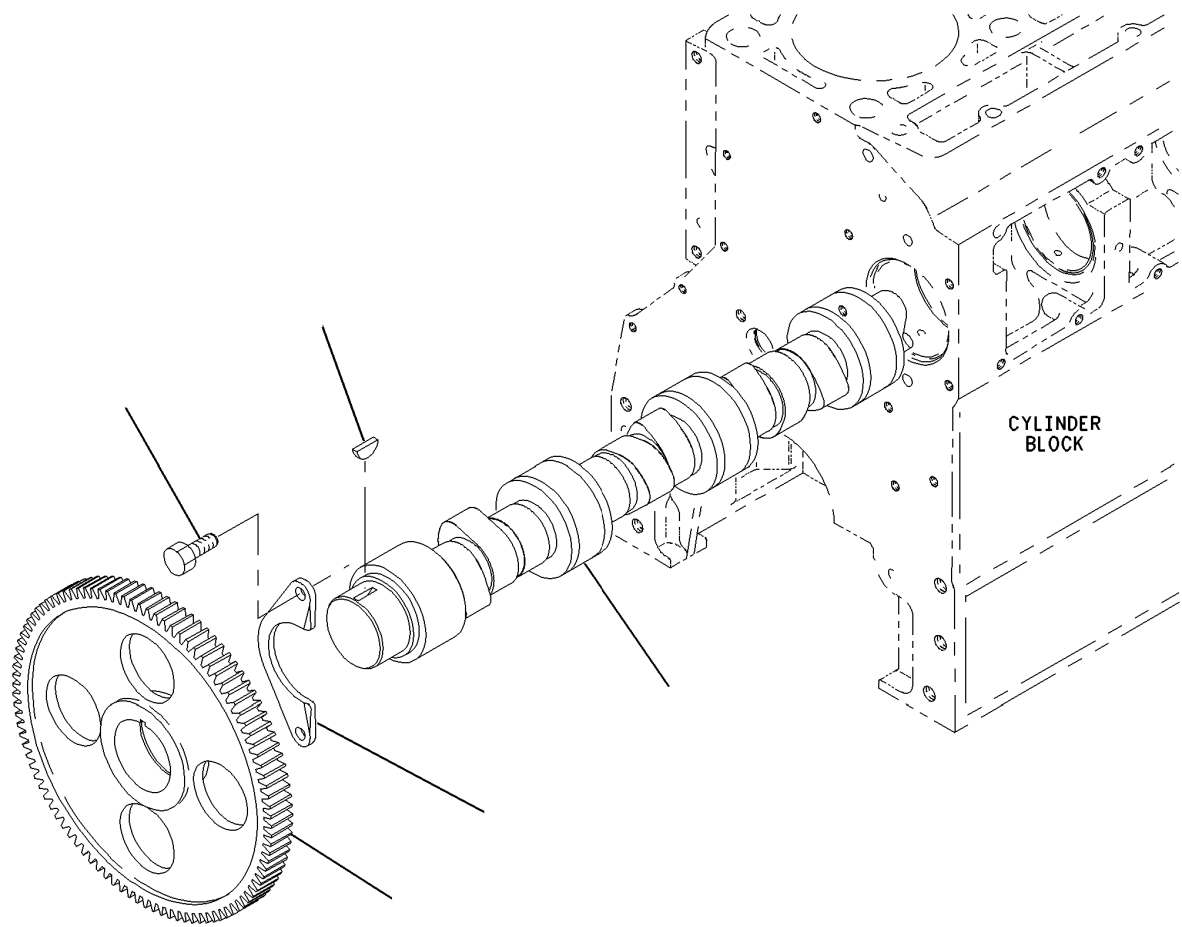
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108-5759 CAMSHAFT GP

108-5759 CAMSHAFT GP S/N 4TF44156-UP PART OF 149-8052 ENGINE AR

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	134-5276	CAMSHAFT AS	1		
1A	1B-8705	KEY-WOODRUFF	1		
1B	7W-4070	GEAR (100-TEETH)	1		
2	107-7694	PLATE-THRUST	1		
3	6V-3940	BOLT (M8X1.25X25-MM)	2	M	

CAT codes: M, R.

4W-3462 CARRIER GP-SEAL

4W-3462 CARRIER GP-SEAL S/N 4TF44156-UP PART OF 149-8052 ENGINE AR

Drawing 1 of 1



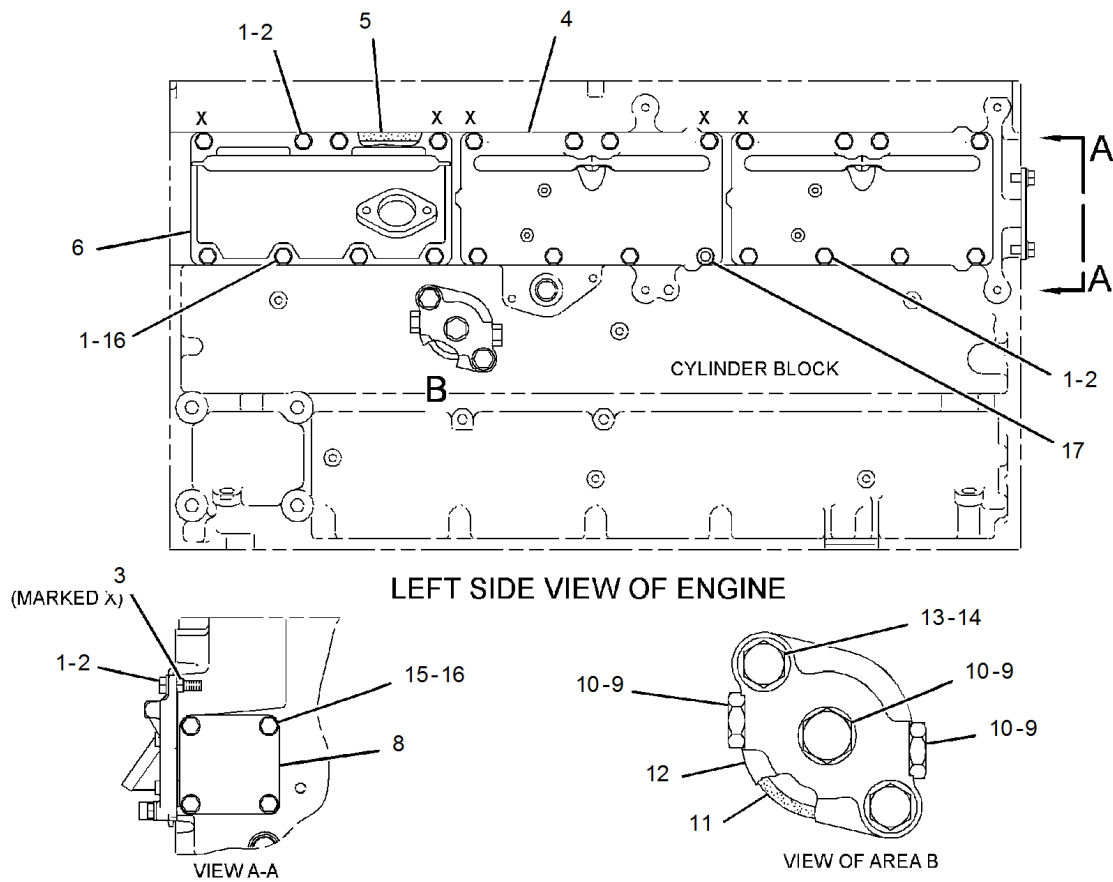
Ref.	Part number	Description	Qty	Code	Group
			.		page
1	2W-6546	COVER	1		
2	247-1876	SEAL	1		
3	239-0583	GASKET	1		
4	6V-3538	DOWEL	2		
5	6V-3940	BOLT (M8X1.25X25-MM)	8	M	
6	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	8		
	4C-9612	SEALANT-SILICONE		BF	

CAT codes: B, F, M.

4P-0512 COVER GP-CYLINDER BLOCK

4P-0512 COVER GP-CYLINDER BLOCK S/N 4TF44156-UP PART OF 149-8052 ENGINE AR

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	6V-2317	BOLT (M8X1.25X30-MM)	23	M	
2	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	19		
3	7W-3872	SLEEVE (LOCATIONS MARKED X)	6		
4	277-4421	COVER-SIDE	2		
5	4Y-9652	GASKET	3		
6	7W-9395	COVER-SIDE	1		
8	2W-6544	COVER	1		
9	9S-4191	PLUG (9/16-18-THD)	3		
10	3J-1907	SEAL-O-RING	3		
11	4F-9653	SEAL-O-RING	1		
12	9Y-0747	MANIFOLD-OIL	1		
13	6V-5842	BOLT (M10X1.5X40-MM)	2	M	
14	6V-5839	WASHER (11X21X2.5-MM THK)	2		
15	110-7618	BOLT AS	4		
(EACH INCLUDES)					

4P-0512 COVER GP-CYLINDER BLOCK (continued)

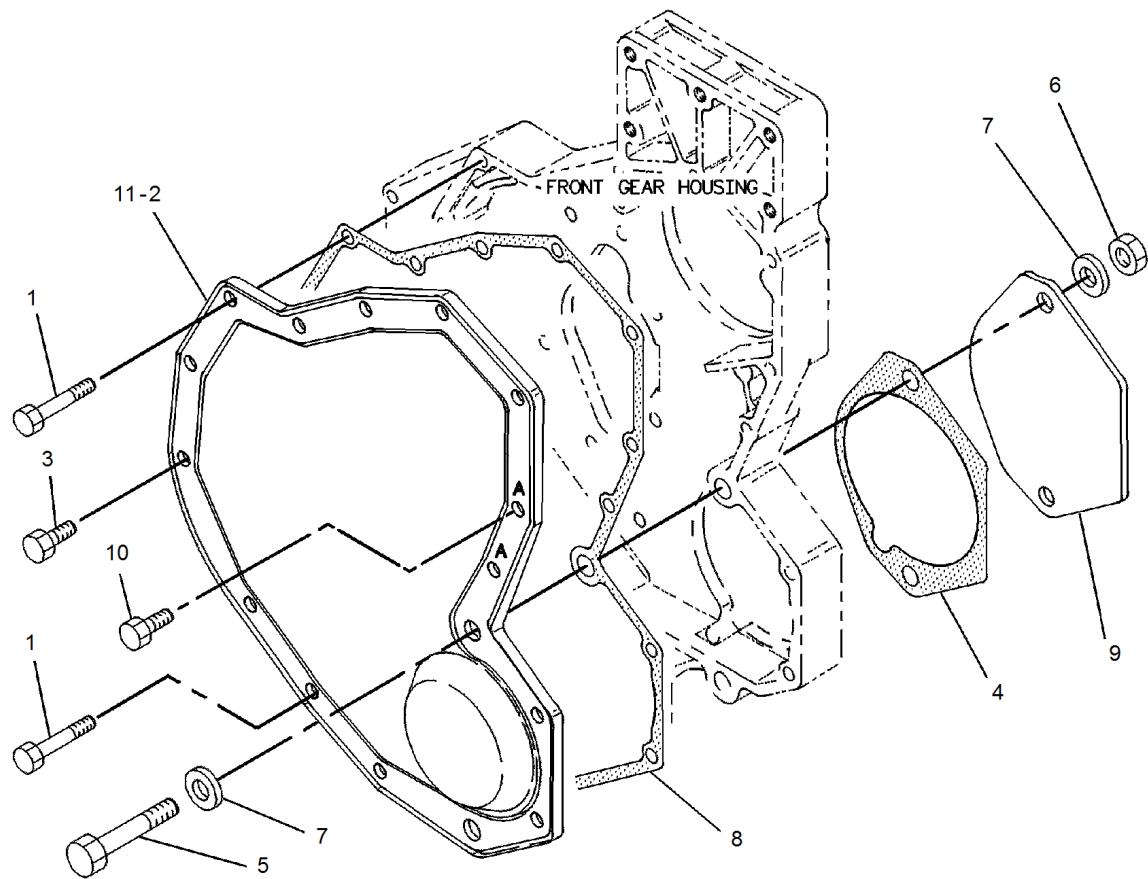
Ref.	Part number	Description	Qty	Code	Group page
	6V-5215	BOLT (M8X1.25X16-MM)	1	M	
	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	1		
16	175-1367	SPACER (8.8X16X10-MM THK)	4		
17	134-4640	SPACER (9X15X15-MM THK)	1		
	1U-8846	SEALANT-GASKET		BF	

CAT codes: B, F, M.

7L-0004 COVER GP-FRONT HOUSING

7L-0004 COVER GP-FRONT HOUSING S/N 4TF44156-UP PART OF 149-8052 ENGINE AR

Drawing 1 of 1



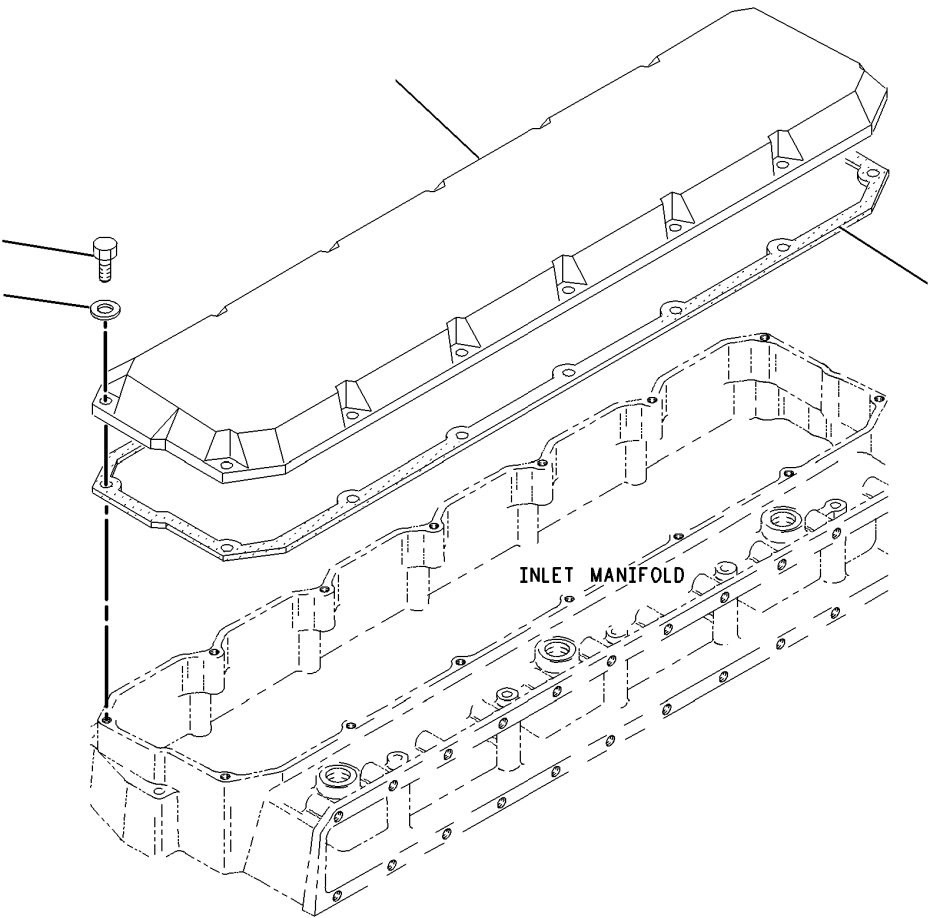
Ref.	Part number	Description	Qty	Code	Group page
1	8T-0100	BOLT (M8X1.25X60-MM)	2	M	
2	106-7920	COVER AS-FRONT	1		
3	6V-2317	BOLT (M8X1.25X30-MM)	10	M	
4	135-9819	SEAL-INTEGRAL	1		
5	6V-8336	BOLT (M12X1.75X70-MM)	2	M	
6	6V-8149	NUT (M12X1.75-THD)	2	M	
7	5P-8245	WASHER-HARD (13.5X25.5X3-MM THK)	4		
8	7W-6552	GASKET	1		
9	4W-2026	COVER	1		
10	6V-2317	BOLT (M8X1.25X30-MM)(LOCATION A)	2	BM	
11	1U-8846	SEALANT-GASKET		B	

CAT codes: B, M.

4W-2172 COVER GP-VALVE MECHANISM

4W-2172 COVER GP-VALVE MECHANISM S/N 4TF44156-UP PART OF 149-8052 ENGINE AR

Drawing 1 of 1



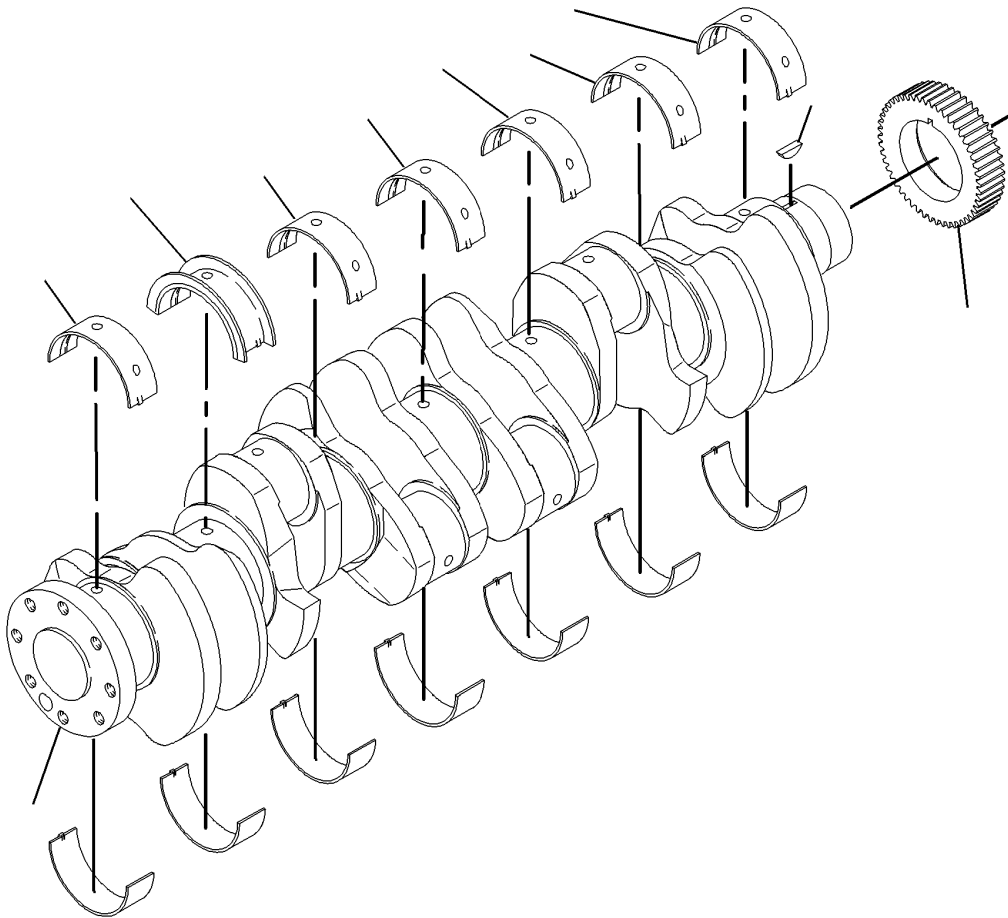
Ref.	Part number	Description	Qty	Code	Group page
1	119-2940	GASKET (VALVE COVER)	1		
2	6V-2315	BOLT (M6X1X35-MM)	14	M	
3	119-2960	COVER	1		
4	5P-0537	WASHER-HARD (7.2X14.5X2-MM THK)	14		

CAT codes: M.

4W-2197 CRANKSHAFT GP

4W-2197 CRANKSHAFT GP S/N 4TF44156-44436 PART OF 149-8052 ENGINE AR

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	105-1725	CRANKSHAFT AS	1		
1A	1B-8705	KEY-WOODRUFF	1		
1B	2W-8147	GEAR (50-TEETH)(50 TEETH)	1		
2	107-7708	BEARING-MAIN	3		
	7C-6964	BEARING-MAIN (0.5-MM OS)	1	AB	
	7C-6965	BEARING-MAIN (0.5-MM OS, 0.5-MM US)	1	AB	
	7C-6961	BEARING-MAIN (0.25-MM US)	1	AB	
	7C-6962	BEARING-MAIN (0.5-MM US)	1	AB	
	7C-6963	BEARING-MAIN (0.75-MM US)	1	AB	
3	101-1530	BEARING-MAIN	3		
	7C-6974	BEARING-MAIN (0.5-MM OS)	1	AB	
	7C-6975	BEARING-MAIN (0.5-MM OS, 0.5-MM US)	1	AB	
	7C-6971	BEARING-MAIN (0.25-MM US)	1	AB	
	7C-6972	BEARING-MAIN (0.5-MM US)	1	AB	
	7C-6973	BEARING-MAIN (0.75-MM US)	1	AB	

4W-2197 CRANKSHAFT GP (continued)

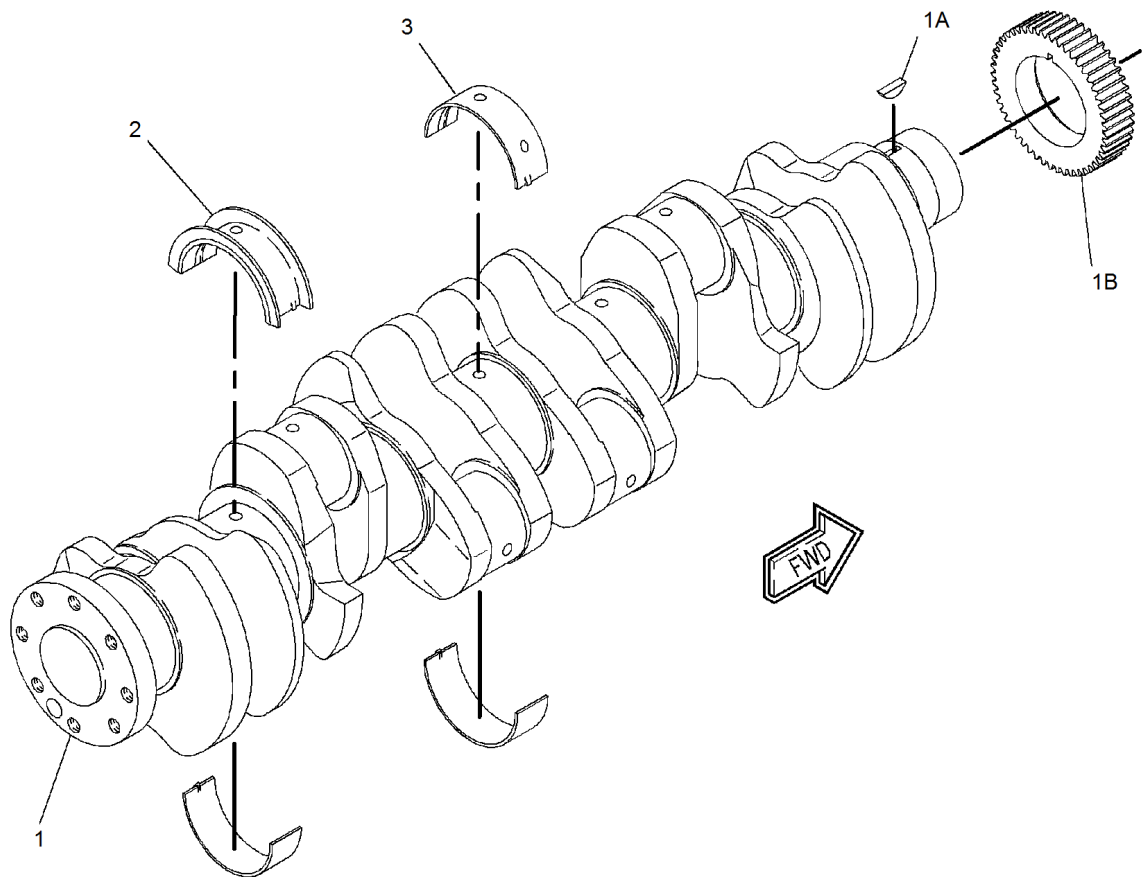
Ref.	Part number	Description	Qty	Code	Group page
4	107-7602	BEARING-THRUST	1		
	7C-6969	BEARING-THRUST (0.5-MM OS)	1	AB	
	7C-6970	BEARING-THRUST (0.5-MM OS, 0.5-MM US)	1	AB	
	7C-6966	BEARING-THRUST (0.25-MM US)	1	AB	
	7C-6967	BEARING-THRUST (0.5-MM US)	1	AB	
	7C-6968	BEARING-THRUST (0.75-MM US)	1	AB	
	7C-7980	SLEEVE-OIL SEAL	1	AF	
(THIS WEAR SLEEVE IS USED ONLY TO SALVAGE (REPAIR) THE REAR SEAL SURFACE OF THE CRANKSHAFT)					

CAT codes: A, B, F, R.

4W-2197 CRANKSHAFT GP

4W-2197 CRANKSHAFT GP S/N 4TF44437-UP PART OF 149-8052 ENGINE AR

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	489-2731	CRANKSHAFT AS	1		
1A	1B-8705	KEY-WOODRUFF	1		
1B	2W-8147	GEAR (50-TEETH)	1		
2	212-4893	BEARING-THRUST	1		
	229-5153	BEARING-THRUST (0.25-MM US)		AB	
	229-5154	BEARING-THRUST (0.5-MM US)		AB	
	229-5155	BEARING-THRUST (0.5-MM OS)		AB	
	229-5156	BEARING-THRUST (0.5-MM OS, 0.5-MM US)		AB	
3	107-7708	BEARING-MAIN	6		
	145-0162	BEARING-MAIN (0.25-MM US)		AB	
	145-0164	BEARING-MAIN (0.5-MM US)		AB	
	145-0168	BEARING-MAIN (0.5-MM OS)		AB	
	145-0170	BEARING-MAIN (0.5-MM OS, 0.5-MM US)		AB	

CAT codes: A, B, R.

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