

CATERPILLAR AP-1000B

7HN / KEBP0190

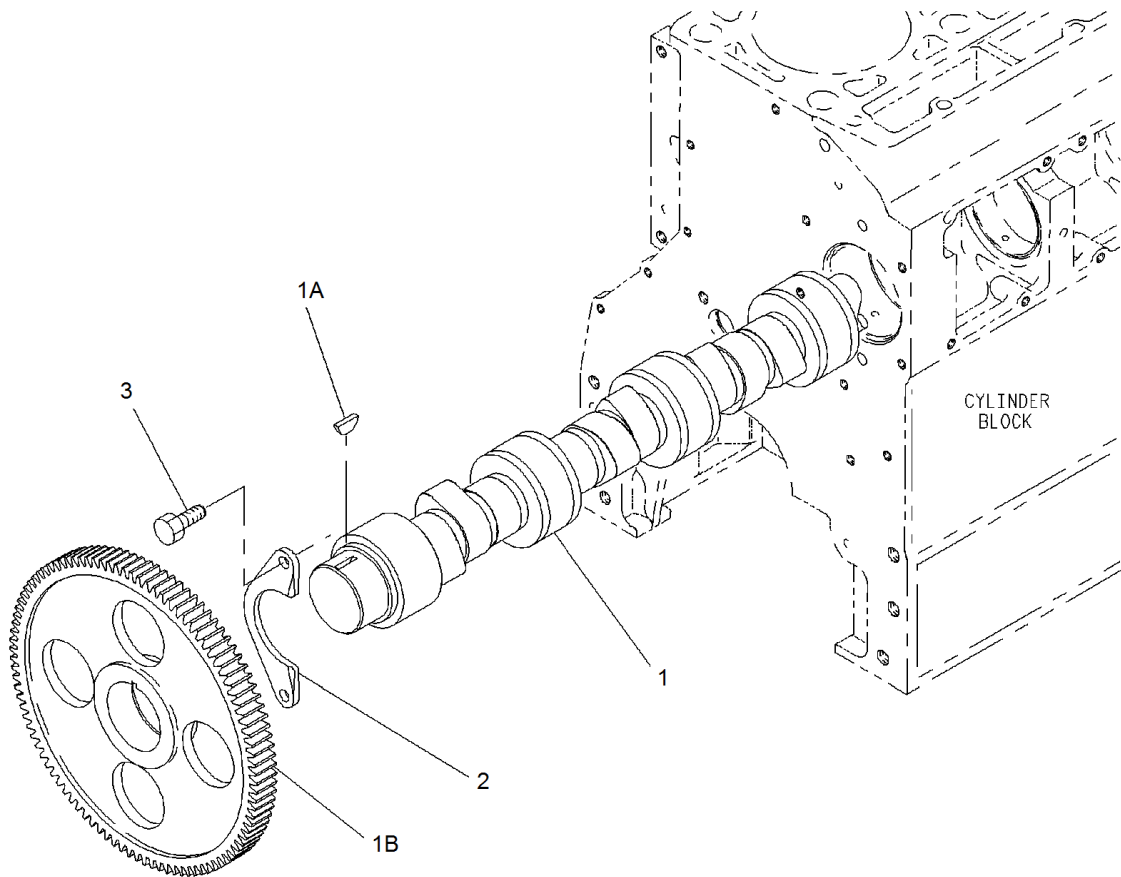
Contents

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

108-5759 CAMSHAFT GP

108-5759 CAMSHAFT GP S/N 98Z16051-UP PART OF 133-4245, 159-5999 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 98Z16051-UP PART OF 133-4245, 159-5999 ENGINE AR

Drawing 1 of 1



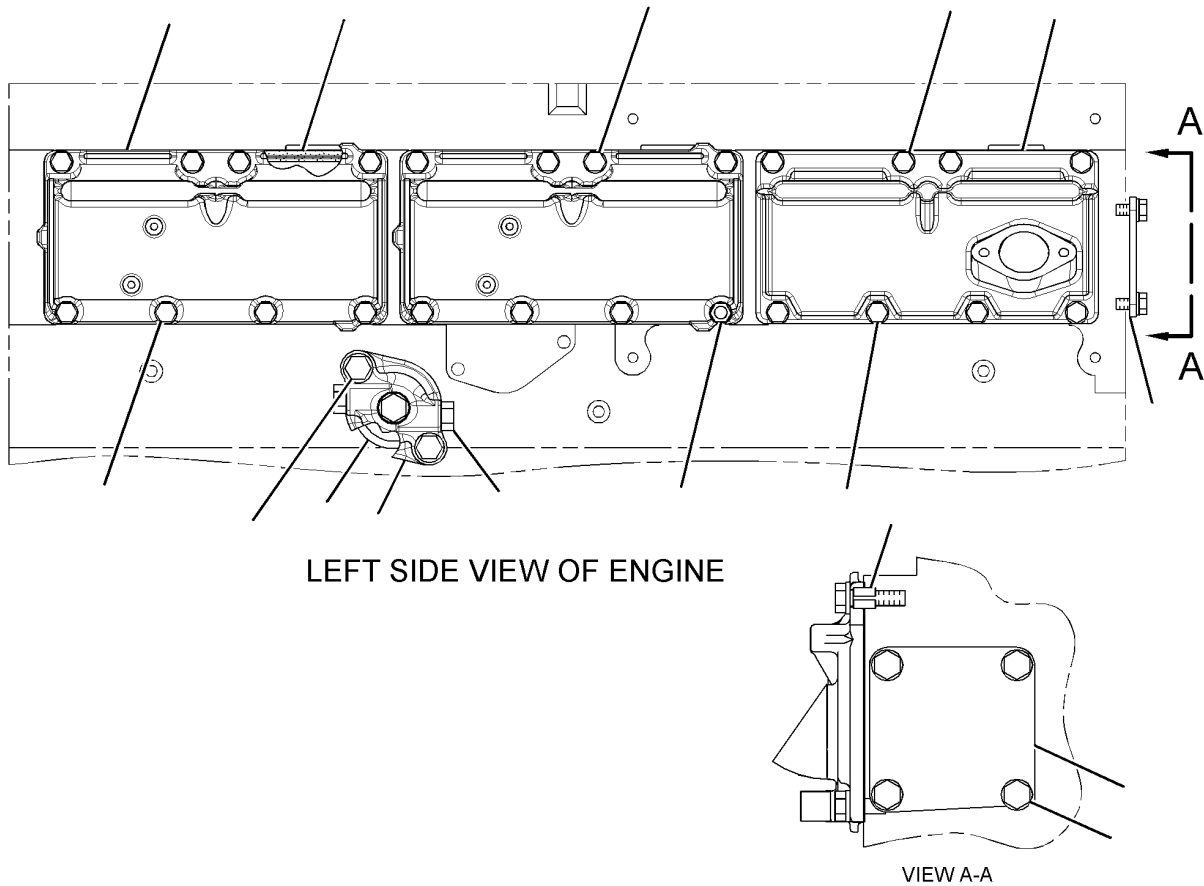
Ref.	Part number	Description	Qty	Code	Group page
1	2W-6546	COVER	1		
2	247-1876	SEAL	1		
3	239-0583	GASKET	1		
4	6V-3538	DOWEL	2		
5	6V-3940	BOLT (M8X1.25X25-MM)	8	M	
6	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	8		

CAT codes: M.

103-0863 COVER GP-CYLINDER BLOCK

103-0863 COVER GP-CYLINDER BLOCK S/N 98Z16051-UP PART OF 133-4245, 159-5999 ENGINE AR

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	342-4977	COVER-SIDE	2		
2	4Y-9652	GASKET	3		
3	6V-2317	BOLT (M8X1.25X30-MM)	19	M	
4	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	23		
5	7W-9395	COVER-SIDE	1		
6	6V-5217	BOLT (M8X1.25X20-MM)	4	M	
7	2W-6544	COVER	1		
8	517-0553	GASKET	1		
9	7W-3872	SLEEVE (MARKED X)	6		
10	9S-4191	PLUG (9/16-18-THD)	3		
11	3J-1907	SEAL-O-RING	3		
12	9Y-0747	MANIFOLD-OIL	1		
13	4F-9653	SEAL-O-RING	1		
14	6V-5842	BOLT (M10X1.5X40-MM)	2	M	

103-0863 COVER GP-CYLINDER BLOCK (continued)

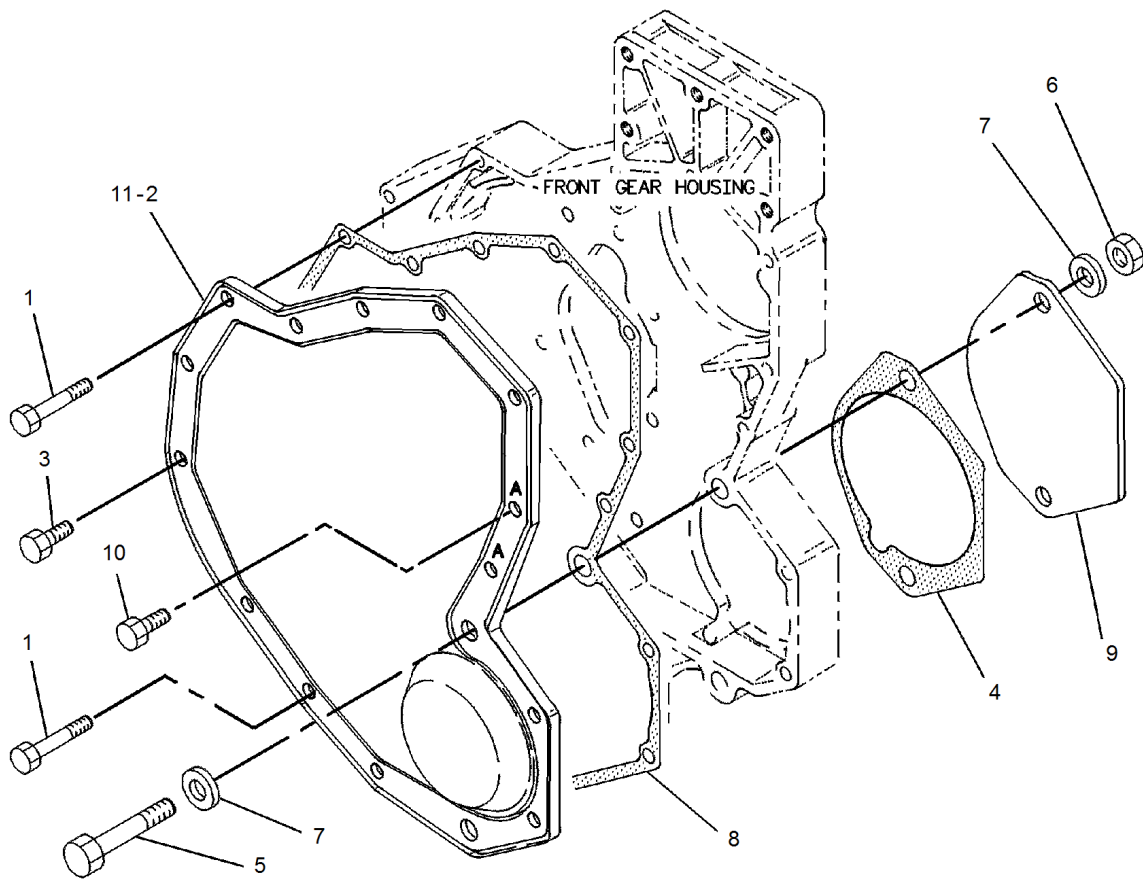
Ref.	Part number	Description	Qty	Code	Group page
15	6V-5839	WASHER (11X21X2.5-MM THK)	2		
16	110-7618	BOLT AS	4		
17	134-4640	SPACER (9X15X15-MM THK)	1		

CAT codes: M.

7L-0004 COVER GP-FRONT HOUSING

7L-0004 COVER GP-FRONT HOUSING S/N 98Z16051-UP PART OF 133-4245, 159-5999 ENGINE AR

Drawing 1 of 1



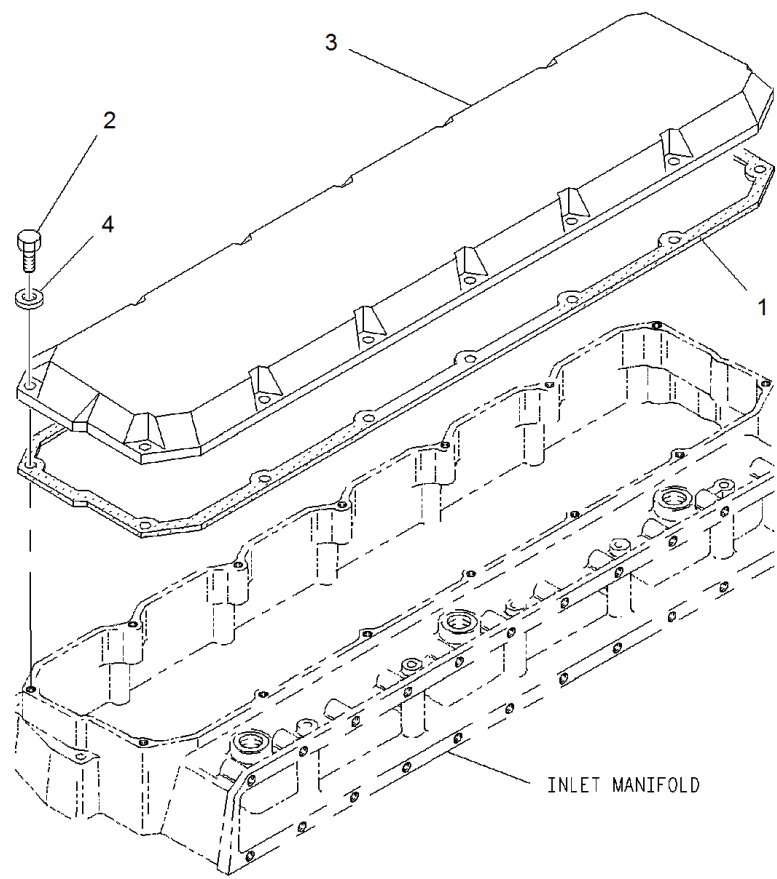
Ref.	Part number	Description	Qty	Code	Group page
1	8T-0100	BOLT (M8X1.25X60-MM)	2	M	
2	106-7920	COVER AS-FRONT	1		
3	6V-2317	BOLT (M8X1.25X30-MM)	10	M	
4	135-9819	SEAL-INTEGRAL	1		
5	6V-8336	BOLT (M12X1.75X70-MM)	2	M	
6	6V-8149	NUT (M12X1.75-THD)	2	M	
7	5P-8245	WASHER-HARD (13.5X25.5X3-MM THK)	4		
8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

CAT codes: B, M.

4W-2172 COVER GP-VALVE MECHANISM

4W-2172 COVER GP-VALVE MECHANISM S/N 98Z16051-UP PART OF 133-4245, 159-5999 ENGINE AR

Drawing 1 of 1



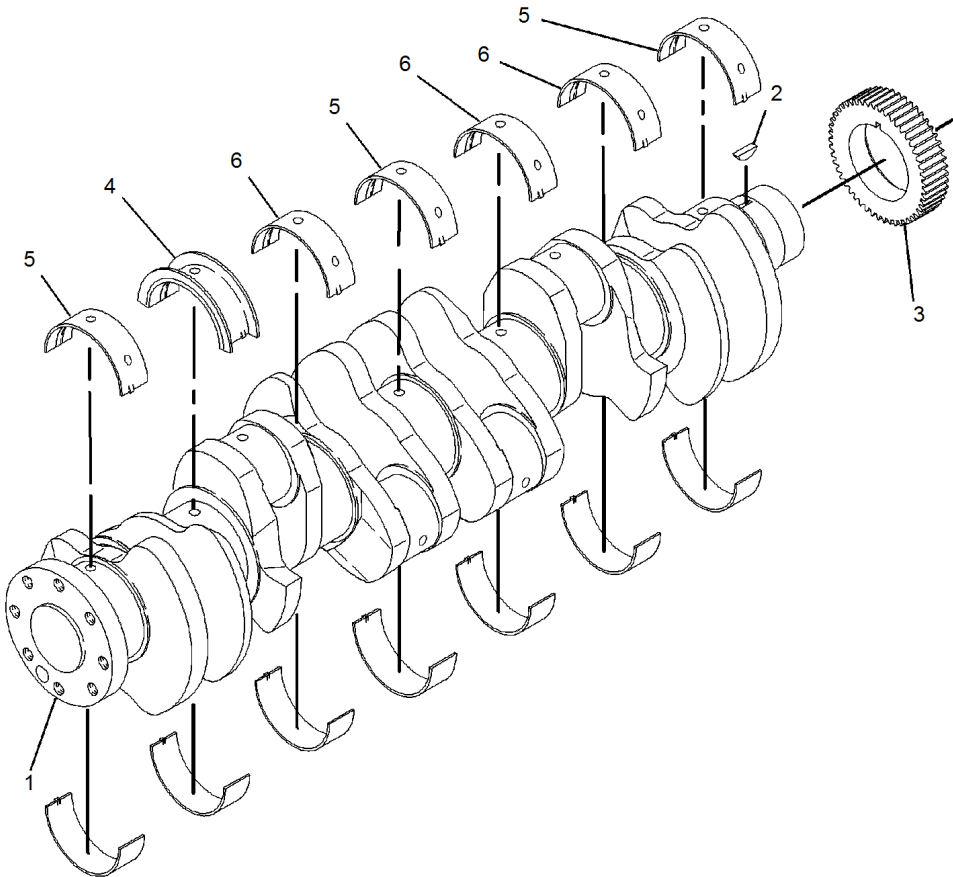
Ref.	Part number	Description	Qty	Code	Group page
1	119-2940	GASKET (VALVE COVER)	1		
2	6V-2315	BOLT (M6X1X35-MM)	14	M	
3	119-2960	COVER	1		
4	5P-0537	WASHER-HARD (7.2X14.5X2-MM THK)	14		

CAT codes: M.

4W-2197 CRANKSHAFT GP

4W-2197 CRANKSHAFT GP S/N 98Z16051-28460 PART OF 133-4245 ENGINE AR

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	105-1725	CRANKSHAFT AS	1		
2	1B-8705	KEY-WOODRUFF	1		
3	2W-8147	GEAR (50-TEETH)	1		
4	107-7602	BEARING-THRUST	1		
	7C-6969	BEARING-THRUST (0.5-MM OS)		AB	
	7C-6970	BEARING-THRUST (0.5-MM OS, 0.5-MM US)		AB	
	7C-6966	BEARING-THRUST (0.25-MM US)		AB	
	7C-6967	BEARING-THRUST (0.5-MM US)		AB	
5	101-1530	BEARING-MAIN	3		
	7C-6974	BEARING-MAIN (0.5-MM OS)		AB	
	7C-6975	BEARING-MAIN (0.5-MM OS, 0.5-MM US)		AB	
	7C-6971	BEARING-MAIN (0.25-MM US)		AB	
	7C-6972	BEARING-MAIN (0.5-MM US)		AB	
6	107-7708	BEARING-MAIN	3		
	7C-6964	BEARING-MAIN (0.5-MM OS)		AB	

4W-2197 CRANKSHAFT GP (continued)

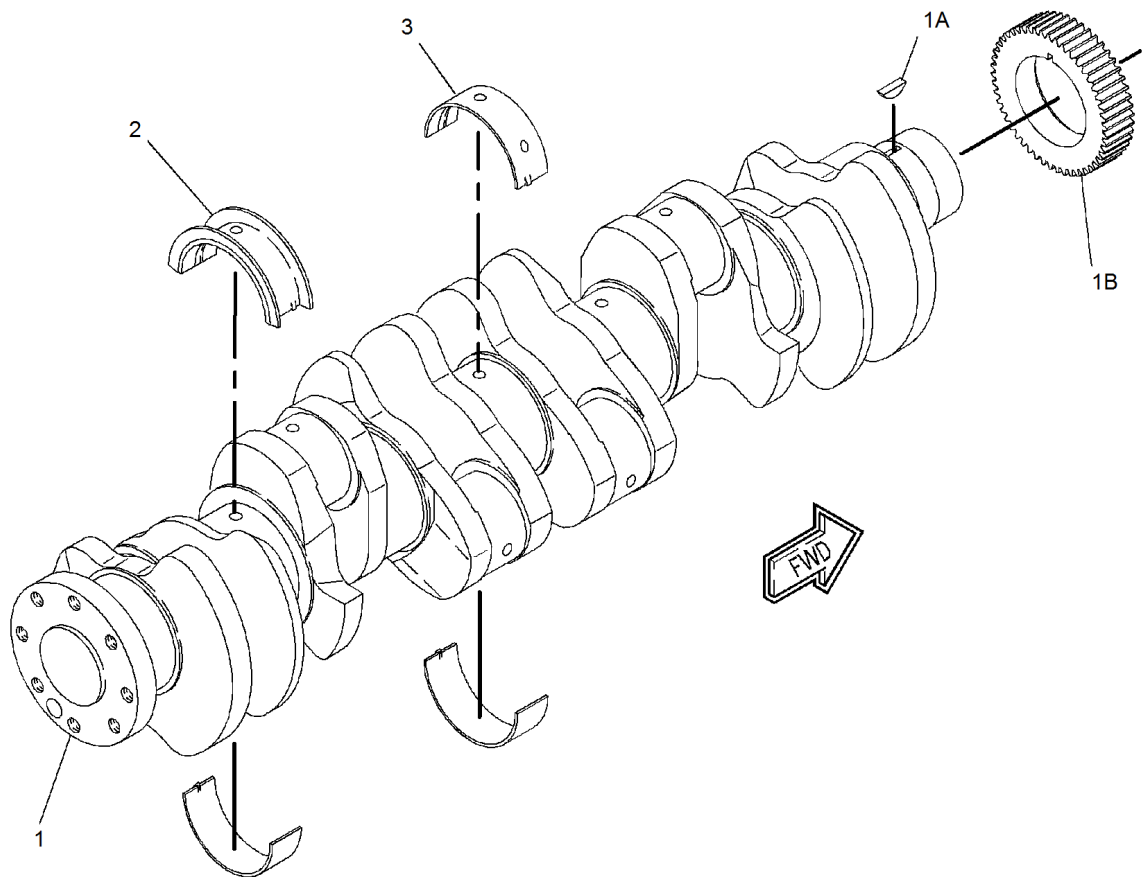
Ref.	Part number	Description	Qty	Code	Group page
	7C-6965	BEARING-MAIN (0.5-MM OS, 0.5-MM US)		AB	
	7C-6961	BEARING-MAIN (0.25-MM US)		AB	
	7C-6962	BEARING-MAIN (0.5-MM US)		AB	
	7C-7980	SLEEVE-OIL SEAL	1	AF	
(USED ONLY TO REPAIR THE REAR SEAL SURFACE OF THE CRANKSHAFT)					
AVAILABLE REPAIR KIT(S):					
	196-9518	KIT-BASIC ENGINE REPAIR (MAIN BEARING)(CRANKSHAFT)			
(INCLUDES A COMPLETE SET OF STANDARD MAIN & THRUST BEARINGS)					

CAT codes: A, B, F, R.

4W-2197 CRANKSHAFT GP

4W-2197 CRANKSHAFT GP S/N 98Z28461-UP PART OF 133-4245, 159-5999 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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