

CATERPILLAR 970F

9JK / SEBP2307

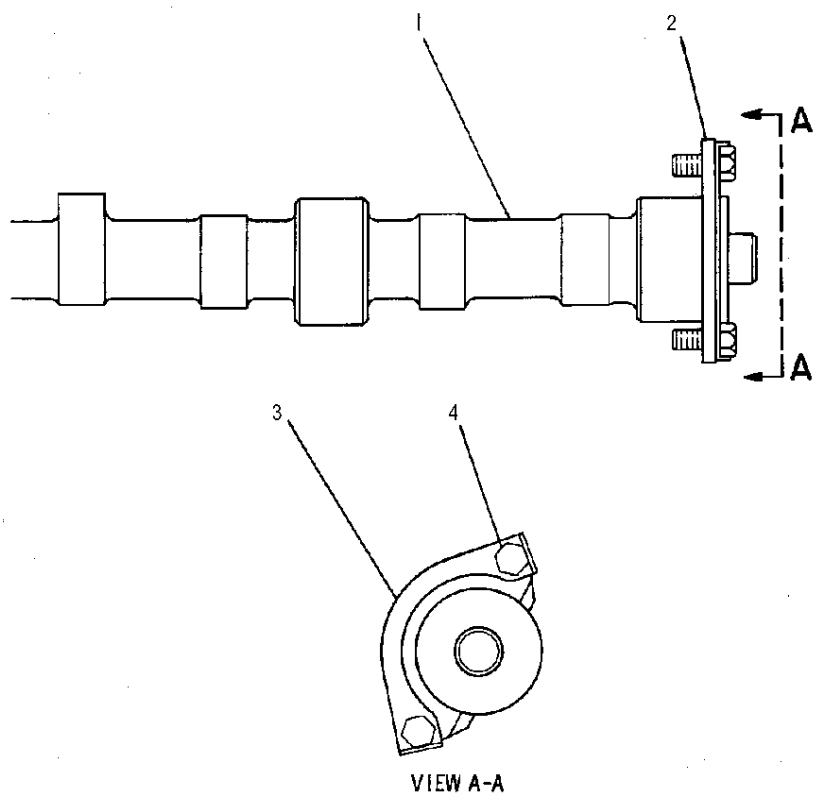
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1N-4406 CAMSHAFT GP

1N-4406 CAMSHAFT GP S/N 13Z30510-UP PART OF 106-5531, 135-3684, 141-2913 ENGINE AR

Drawing 1 of 1



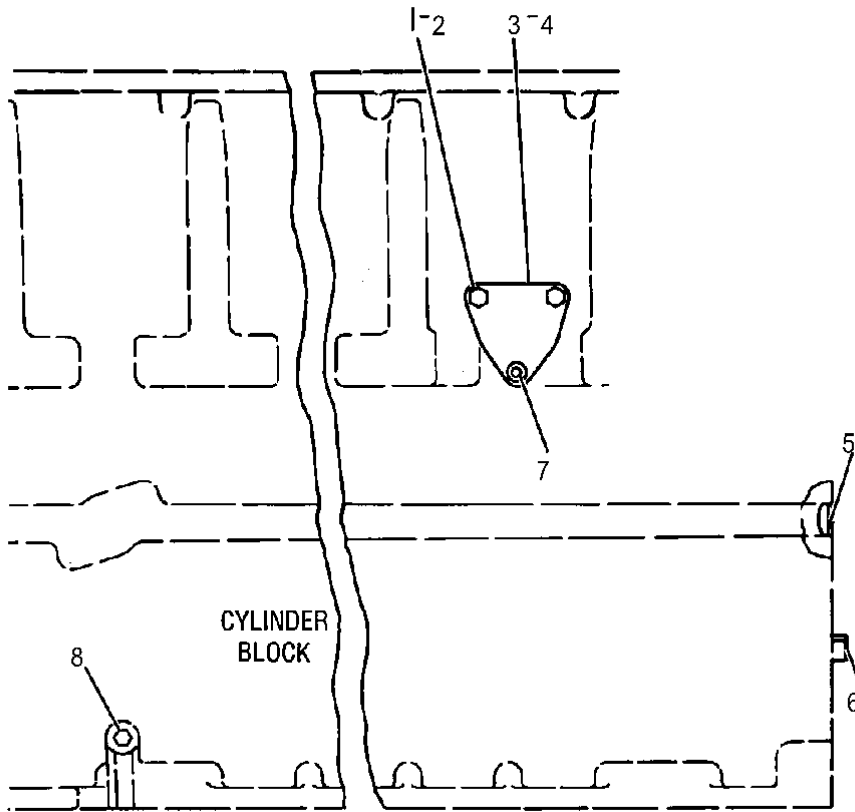
Ref.	Part number	Description	Qty	Code	Group page
1	4P-2942	CAMSHAFT AS	1		
2	7S-2204	WASHER-THRUST	1		
3	8S-1491	LOCK	1		
4	0S-0509	BOLT (3/8-16X0.75-IN)	2		

CAT codes: R.

7N-1342 COVER GP-CYLINDER BLOCK

7N-1342 COVER GP-CYLINDER BLOCK S/N 13Z30510-UP PART OF 106-5531, 135-3684, 141-2913 ENGINE AR

Drawing 1 of 1



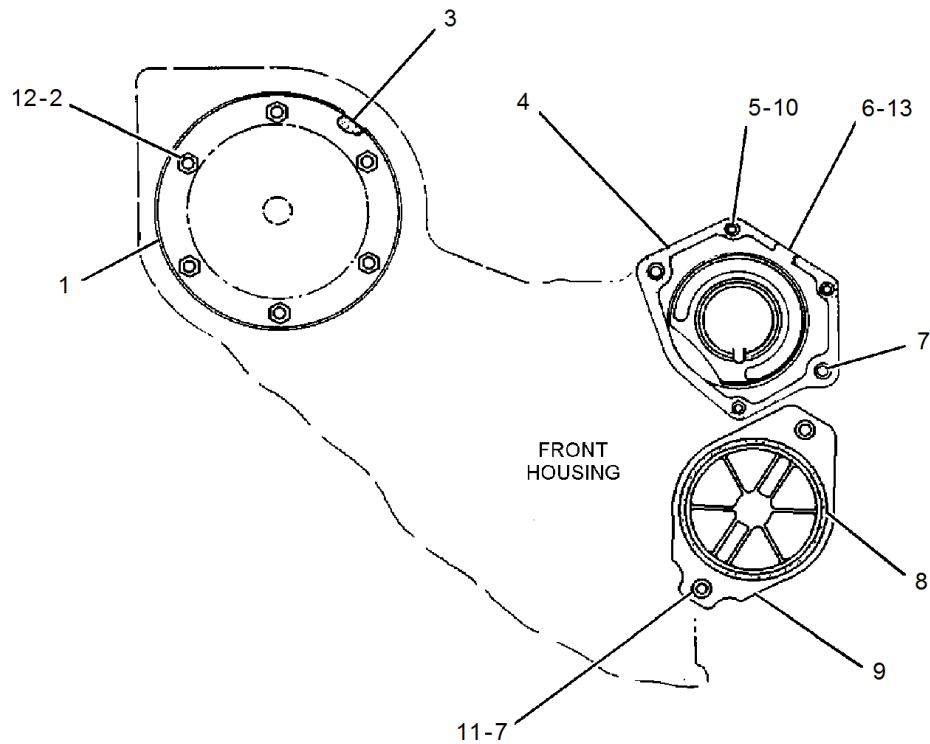
Ref.	Part number	Description	Qty	Code	Group page
1	0L-1351	BOLT (3/8-16X0.875-IN)	2	B	
2	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	2	B	
3	8L-8662	COVER	1	B	
4	5S-8055	GASKET	1	B	
5	4B-3938	PLUG-CUP	1		
6	2A-3798	DOWEL	2		
7	8M-3267	SCREW-HEX SOCKET (3/8-16X0.75-IN)	1	B	
8	8T-6764	PLUG-PIPE (1/8-27-THD)	1	B	

CAT codes: B.

3N-4923 COVER GP-FRONT HOUSING

3N-4923 COVER GP-FRONT HOUSING S/N 13Z38740-UP PART OF 141-2913 ENGINE AR

Drawing 1 of 1

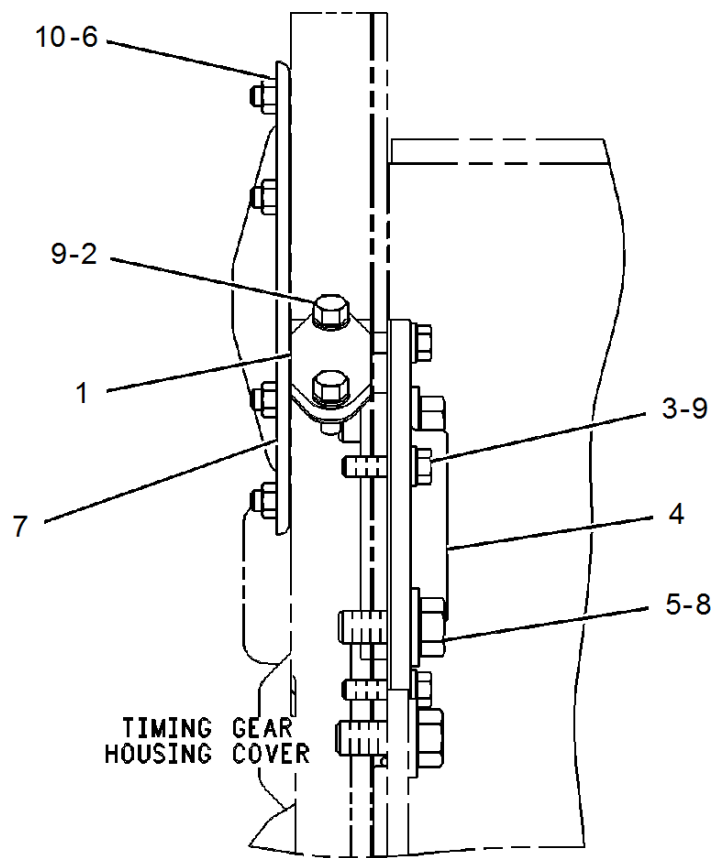


Ref.	Part number	Description	Qty	Code	Group page
1	9N-5769	COVER-HOUSING	1		
2	3S-2713	NUT-FULL (3/8-24-THD)	6		
3	6N-7887	GASKET-HOUSING COVER	1		
4	2P-0220	GASKET-PUMP	1		
5	3B-1915	BOLT (3/8-16X1.375-IN)	3		
6	3N-4922	COVER-WATER PUMP	1		
7	0S-1566	BOLT (5/8-11X1.5-IN)	4		
8	5F-3106	SEAL-O-RING	1		
9	7N-8374	COVER-PUMP	1		
10	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	3		
11	5P-8247	WASHER-HARD (17X32X3.5-MM THK)	2		
12	8M-9024	WASHER-HARD (10.2X22.5X5-MM THK)	6		
13	2S-4241	PLUG-CUP	1		

4N-5162 COVER GP-FRONT HOUSING

4N-5162 COVER GP-FRONT HOUSING S/N 13Z30510-UP PART OF 106-5531, 135-3684 ENGINE AR

Drawing 1 of 1



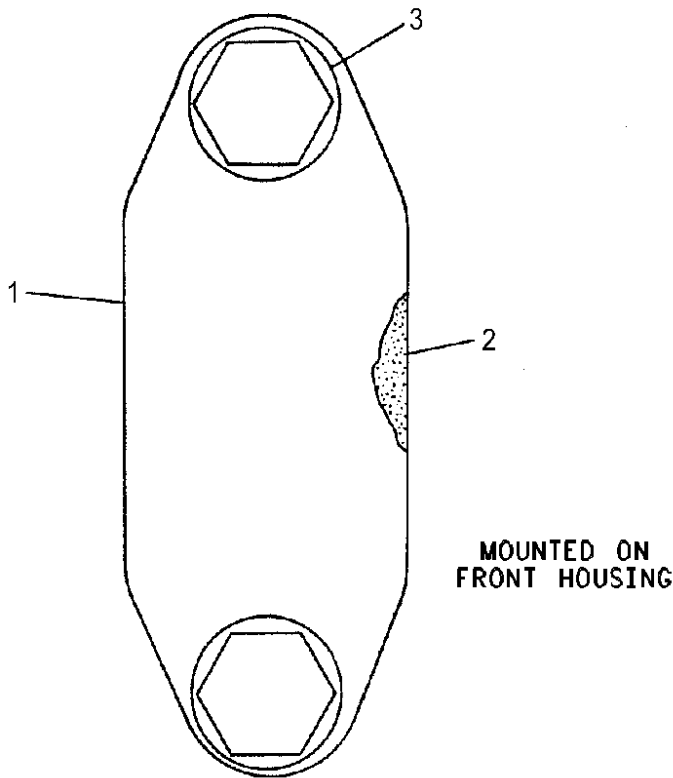
Ref.	Part number	Description	Qty	Code	Group page
1	4N-4526	COVER	1		
	2P-2720	GASKET	1		
2	2P-3200	BOLT-WASHER HEAD	2	C	
3	3B-1915	BOLT (3/8-16X1.375-IN)	3	C	
4	1W-4542	COVER-WATER PUMP	1		
	2P-0220	GASKET-PUMP	1	C	
5	0S-1566	BOLT (5/8-11X1.5-IN)	2		
6	3S-2713	NUT-FULL (3/8-24-THD)	6	C	
7	9N-5769	COVER-HOUSING	1		
	6N-7887	GASKET-HOUSING COVER	1	C	
8	5P-8247	WASHER-HARD (17X32X3.5-MM THK)	2	C	
9	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	3		
10	8M-9024	WASHER-HARD (10.2X22.5X5-MM THK)	6		

CAT codes: C.

9Y-4721 COVER GP-FRONT HOUSING

9Y-4721 COVER GP-FRONT HOUSING S/N 13Z38740-UP PART OF 141-2913 ENGINE AR

Drawing 1 of 1

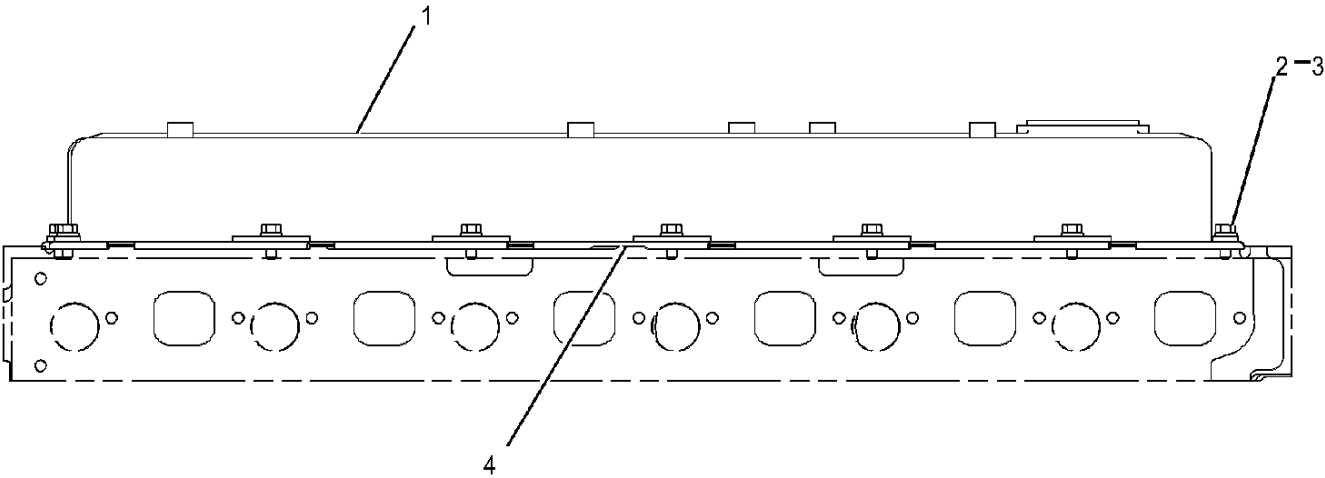


Ref.	Part number	Description	Qty	Code	Group page
1	4N-4526	COVER	1		
2	2P-2720	GASKET	1		
3	2P-3200	BOLT-WASHER HEAD	2		

8N-4745 COVER GP-VALVE MECHANISM

8N-4745 COVER GP-VALVE MECHANISM S/N 13Z30510-UP PART OF 106-5531, 135-3684, 141-2913 ENGINE AR

Drawing 1 of 1



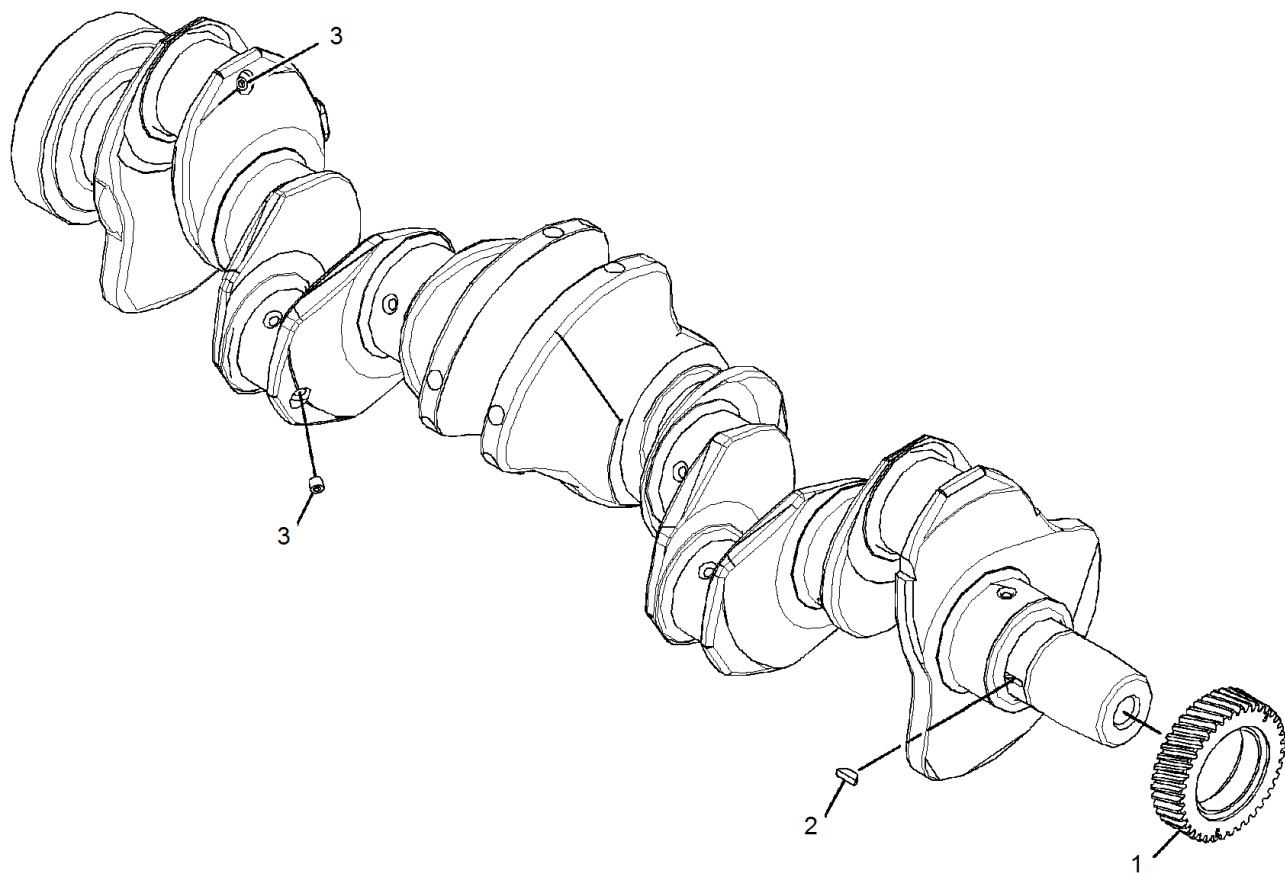
RIGHT SIDE VIEW

Ref.	Part number	Description	Qty	Code	Group page
1	2W-1086	COVER AS-CYLINDER HEAD	1		
2	2B-2695	BOLT (5/16-18X0.875-IN)	15		
3	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	15		
4	133-1247	SEAL-VALVE COVER	1		

334-8389 CRANKSHAFT AS

334-8389 CRANKSHAFT AS S/N 13Z30510-UP PART OF 6N-8079 CRANKSHAFT GP

Drawing 1 of 1

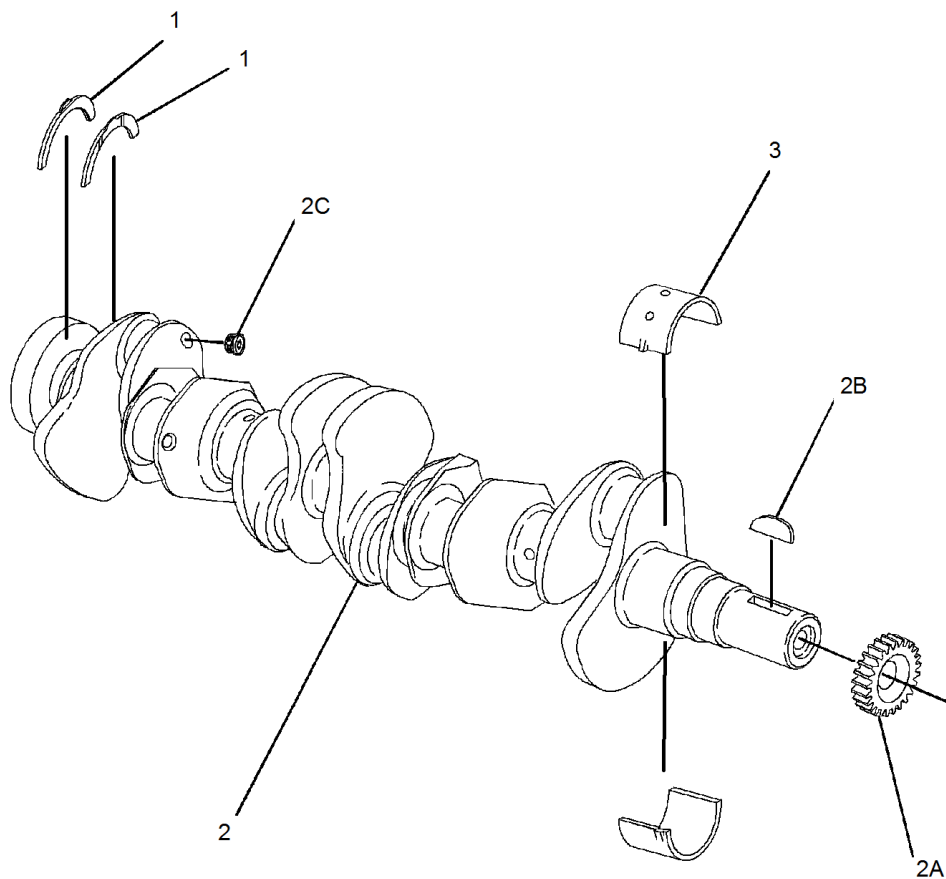


Ref.	Part number	Description	Qty	Code	Group page
1	1W-4405	GEAR-CRANKSHAFT (40-TEETH)	1		
2	5H-2671	KEY-WOODRUFF	1		
3	8T-6757	PLUG-PIPE	6		

4P-9856 CRANKSHAFT GP

4P-9856 CRANKSHAFT GP S/N 13Z38740-UP PART OF 141-2913 ENGINE AR

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	100-3652	PLATE-THRUST	2	J	
2	344-2603	CRANKSHAFT AS	1		
2A	4P-7827	GEAR-CRANKSHAFT (33-TEETH)	1		
2B	5H-2671	KEY-WOODRUFF	1		
2C	8T-6757	PLUG-PIPE	6		
3	232-3233	BEARING-MAIN (STANDARD)	7	J	
	8N-8225	BEARING-MAIN (0.25-MM US)		AB	
	8N-8226	BEARING-MAIN (0.51-MM US)		AB	
	8N-8227	BEARING-MAIN (0.76-MM US)		AB	
	8N-8228	BEARING-MAIN (0.51-MM OS)		AB	
	8N-8229	BEARING-MAIN (0.25-MM US, 0.51-MM OS)		AB	
	4P-7305	BEARING-MAIN (0.51-MM OS, 0.51-MM US)		AB	
	4P-7306	BEARING-MAIN (0.51-MM OS, 0.76-MM US)		AB	

4P-9856 CRANKSHAFT GP (continued)

Ref.	Part number	Description	Qty.	Code	Group page
AVAILABLE REPLACEMENT PART(S):					
	196-9534	KIT-BASIC ENGINE REPAIR (MAIN BEARING)		AJ	
(INCLUDES STANDARD BEARINGS & THRUST PLATES)					

CAT codes: A, B, J, R.

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