

CATERPILLAR 438C

1TR / SEBP3001

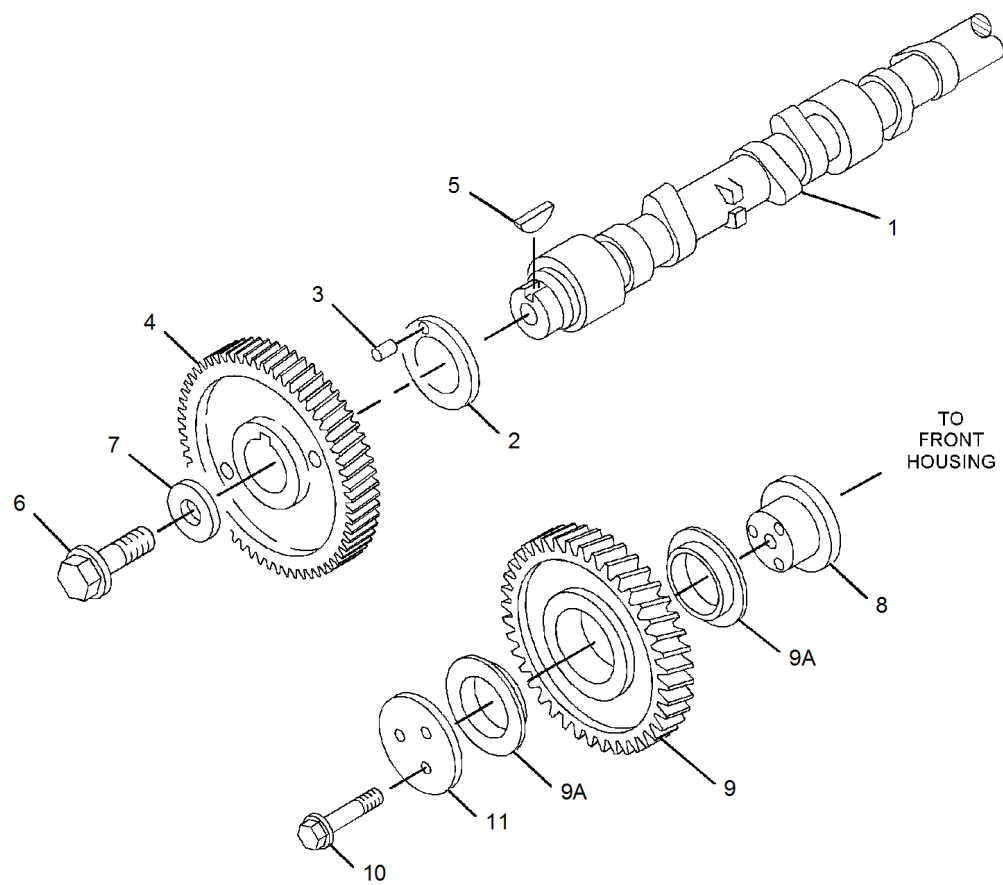
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145-8504 CAMSHAFT GP

145-8504 CAMSHAFT GP S/N 7BJ1-UP PART OF 122-8806 ENGINE AR-PRIMARY

Drawing 1 of 1



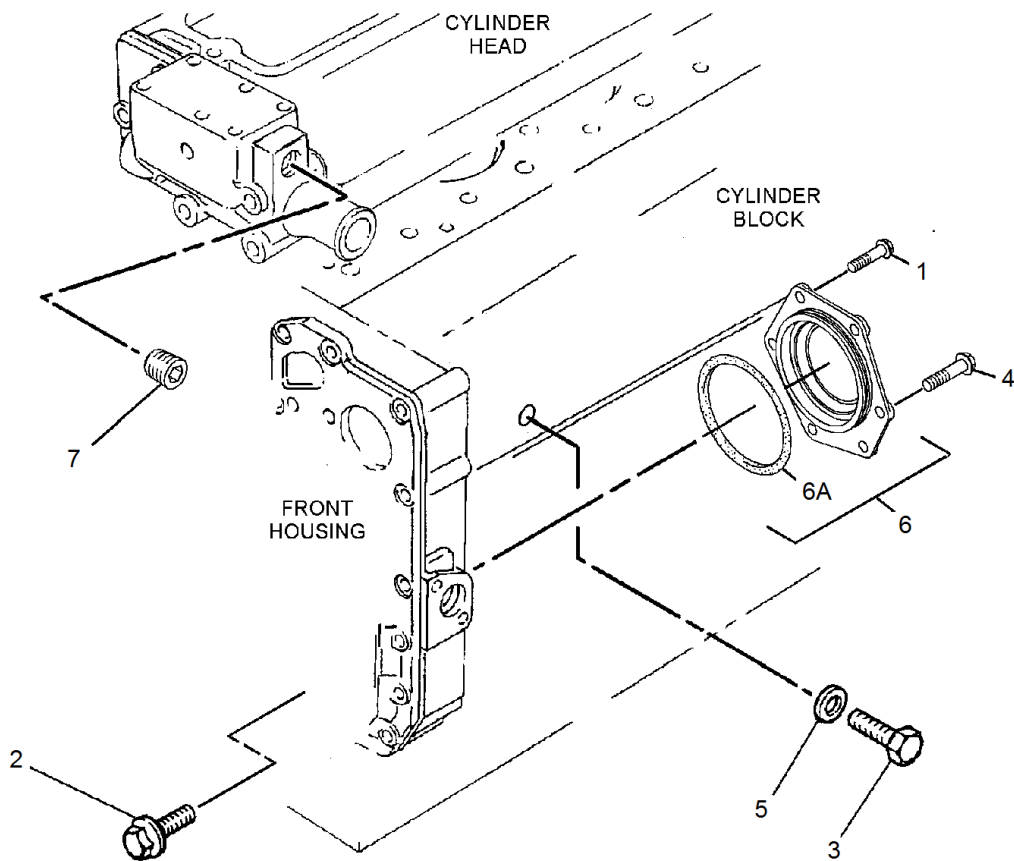
Ref.	Part number	Description	Qty	Code	Group page
1	356-3503	CAMSHAFT	1		
2	232-3666	WASHER-THRUST	1		
3	067-6179	DOWEL	1		
4	9Y-2633	GEAR-CAMSHAFT (56-TEETH)	1		
5	067-6135	KEY-WOODRUFF (CAMSHAFT)	1		
6	7C-4616	BOLT (M12X1.75X45-MM)	1	M	
7	133-1011	WASHER	1		
8	324-0444	HUB-IDLER GEAR	1		
9	2W-1529	GEAR AS-IDLER (63-TEETH)	1		
9A	067-6899	BUSHING-IDLER GEAR	2		
10	6I-0789	BOLT (M10X1.5X60-MM)	3	M	
11	067-6900	PLATE-RETAINING	1		

CAT codes: M.

161-9109 COVER GP-FRONT HOUSING

161-9109 COVER GP-FRONT HOUSING S/N 7BJ1-53481 PART OF 122-8806 ENGINE AR-PRIMARY

Drawing 1 of 1



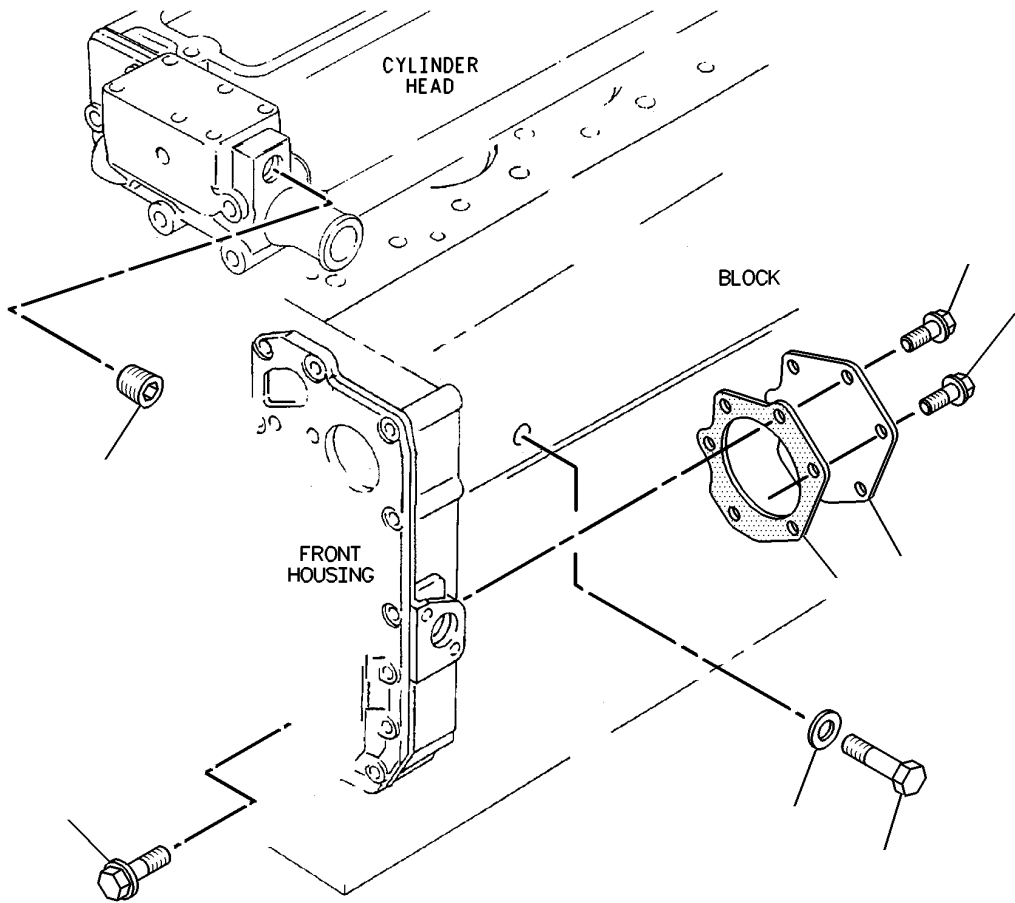
Ref.	Part number	Description	Qty	Code	Group page
1	111-8222	BOLT (M8X1.25X16-MM)	4	BM	
2	6I-0593	BOLT (M10X1.5X30-MM)	2	M	
3	6I-0646	BOLT (M10X1.5X14-MM)	1	M	
4	100-4830	BOLT (M10X1.5X20-MM)	1	M	
5	067-6810	WASHER	1		
6	329-7854	PLATE AS	1		
6A	329-7856	SEAL-O-RING	1		
7	2B-0858	PLUG-PIPE	1		
	6I-0645	BOLT (M8X1.25X25-MM)	4	BFM	

CAT codes: B, F, M.

161-9109 COVER GP-FRONT HOUSING

161-9109 COVER GP-FRONT HOUSING S/N 7BJ53482-UP PART OF 122-8806 ENGINE AR-PRIMARY

Drawing 1 of 1



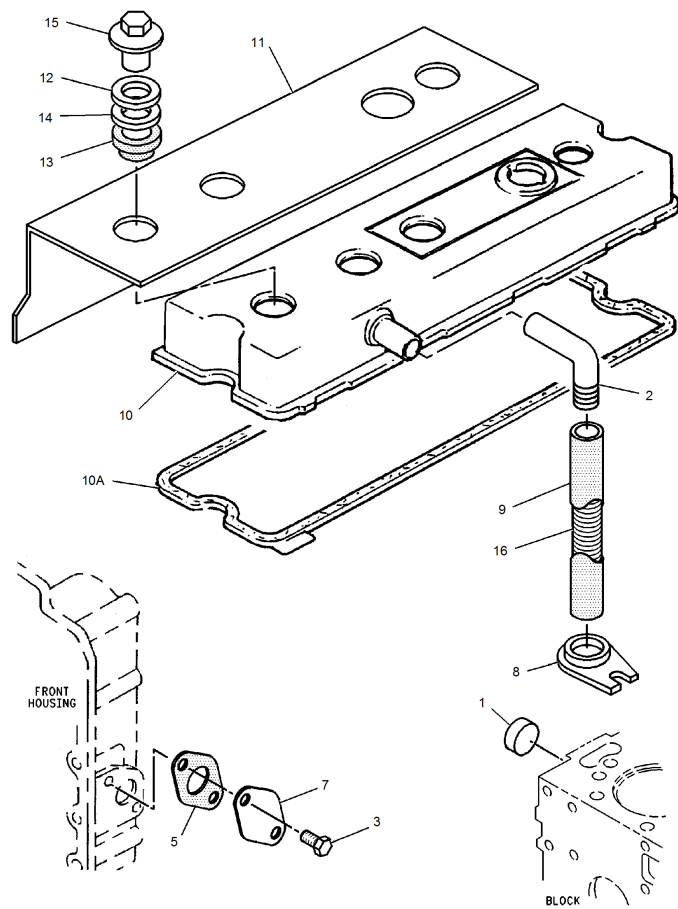
Ref.	Part number	Description	Qty	Code	Group page
1	111-8222	BOLT (M8X1.25X16-MM)	4	BM	
	6I-0645	BOLT (M8X1.25X25-MM)	4	BM	
2	6I-0593	BOLT (M10X1.5X30-MM)	2	M	
3	6I-0646	BOLT (M10X1.5X14-MM)	1	M	
4	100-4830	BOLT (M10X1.5X20-MM)	1	M	
5	067-6810	WASHER	1		
6	209-5502	COVER AS (POWER TAKE-OFF)	1		
7	209-5503	SEAL-COVER	1		
8	3L-1850	PLUG-PIPE	1		

CAT codes: B, M.

148-9684 COVER GP-VALVE MECHANISM

148-9684 COVER GP-VALVE MECHANISM S/N 7BJ1-UP PART OF 122-8806 ENGINE AR-PRIMARY

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	1N-3762	PLUG-CUP	1		
2	175-0083	ELBOW-BREATHER	1		
3	6I-0217	BOLT (M8X1.25X20-MM)	2	M	
5	6I-0512	GASKET	1		
7	6I-4037	PLATE	1		
8	7C-1281	BRACKET	1		
9	175-0084	HOSE-BREATHER	1		
10	214-6283	COVER AS-CYLINDER	1		
10A	200-6374	SEAL-COVER (VALVE)	1		
11	313-2442	SHIELD AS-HEAT	1		
12	4B-4281	WASHER (16.8X33X2.5-MM THK)	3		
13	101-3675	SEAL	3		

148-9684 COVER GP-VALVE MECHANISM (continued)

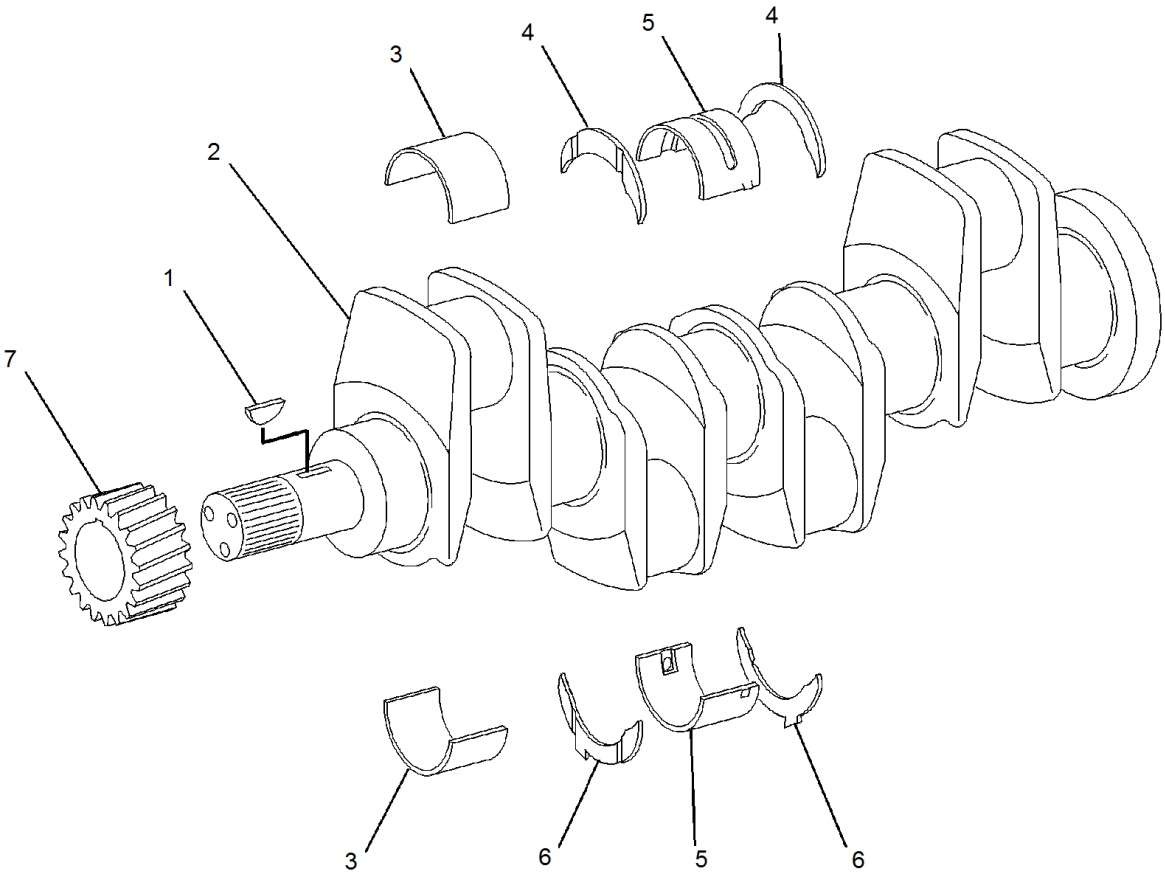
Ref.	Part number	Description	Qty	Code	Group page
14	204-8988	SPACER	3		
15	167-0095	NUT	3		
16	162-1565	SPRING (CRANKCASE BREATHER HOSE)	1		

CAT codes: M.

145-6688 CRANKSHAFT GP

145-6688 CRANKSHAFT GP S/N 7BJ1-UP PART OF 122-8806 ENGINE AR-PRIMARY Type 1

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)(UPPER)		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	

145-6688 CRANKSHAFT GP (continued)

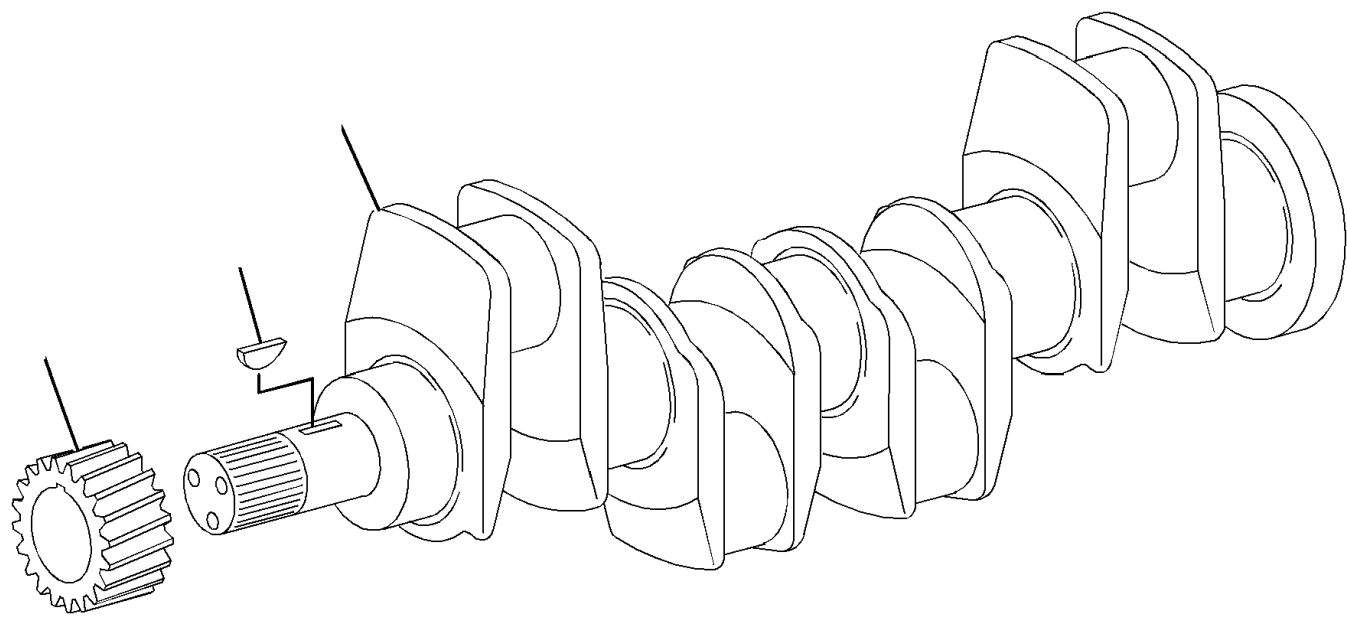
Ref.	Part number	Description	Qty	Code	Group page
6	032-9091	WASHER-THRUST (STANDARD-LOWER)	2	B	
	067-6874	WASHER-THRUST (0.18-MM OS)(LOWER)		AB	
7	6I-0223	GEAR-CRANKSHAFT (28-TEETH)	1		

CAT codes: A, B, R.

145-6688 CRANKSHAFT GP

145-6688 CRANKSHAFT GP S/N 7BJ1-UP PART OF 122-8806 ENGINE AR-PRIMARY Type 2

Drawing 1 of 1



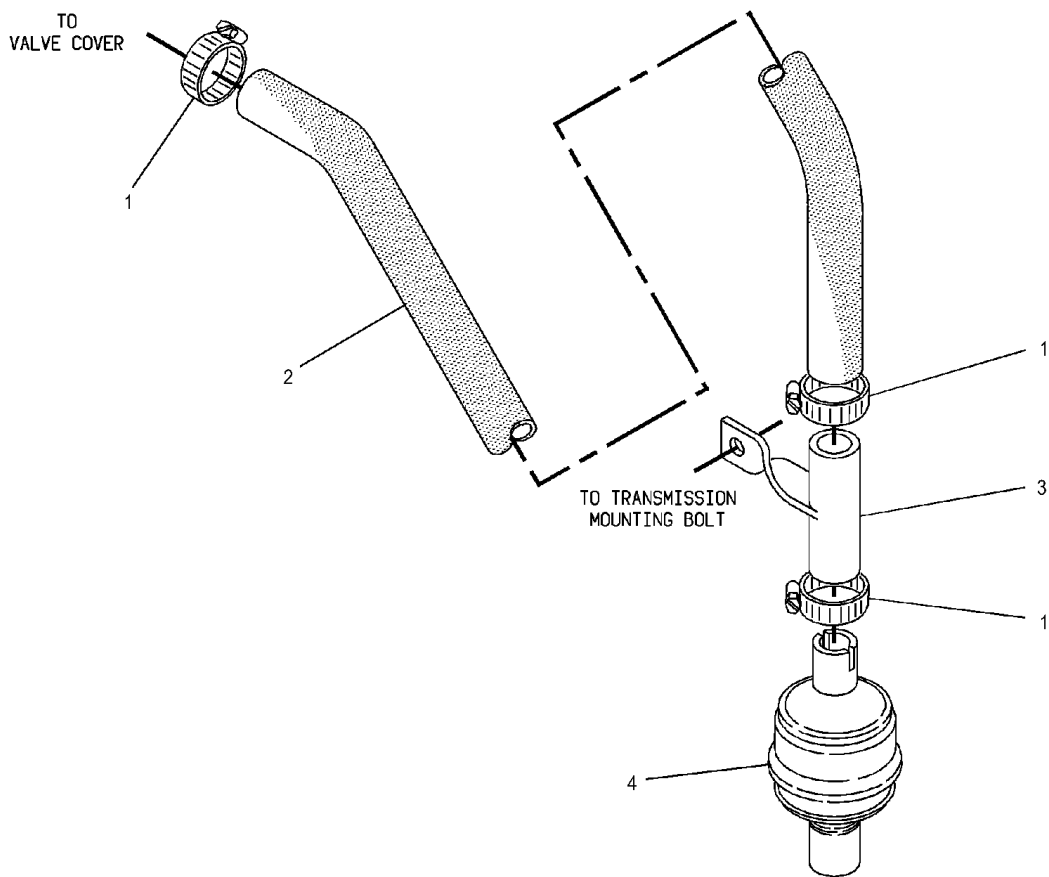
Ref.	Part number	Description	Qty	Code	Group page
1	067-6135	KEY-WOODRUFF	1		
2	364-2828	CRANKSHAFT GP	1	Y	
3	6I-0223	GEAR-CRANKSHAFT (28-TEETH)	1		

CAT codes: R, Y.

364-2828 CRANKSHAFT GP

364-2828 CRANKSHAFT GP S/N 7BJ1-UP PART OF 145-6688 CRANKSHAFT GP

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	032-9090	WASHER-THRUST (STANDARD-UPPER)	2	B	
	067-6873	WASHER-THRUST (0.18-MM OS)	2	AB	
2	032-9091	WASHER-THRUST (STANDARD-LOWER)	2	B	
	067-6874	WASHER-THRUST (0.18-MM OS)	2	AB	
3	7C-3195	BLOCK-THRUST	1		
4	7C-3196	BOLT	1		
5	067-6135	KEY-WOODRUFF	1		
6	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	
7	353-7427	KIT-BEARING (STANDARD)	1	B	

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