

CATERPILLAR 438C

2DR / SEBP3001

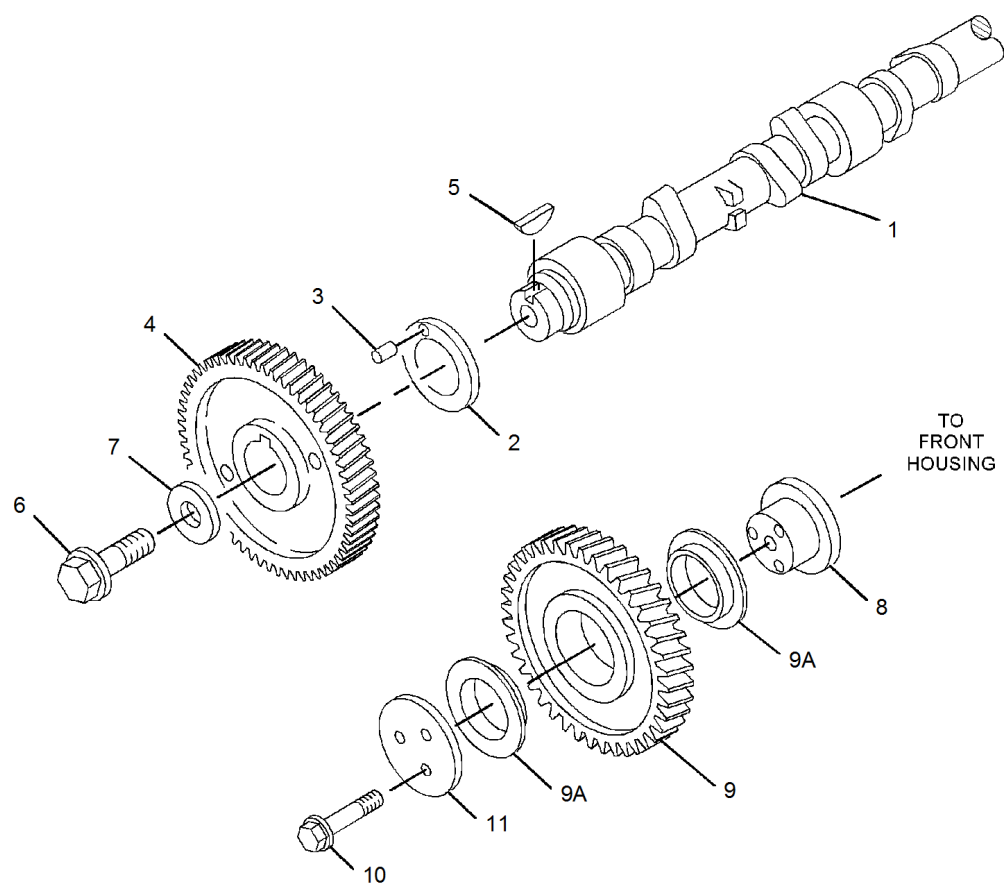
Contents

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

145-8504 CAMSHAFT GP

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

Drawing 1 of 1



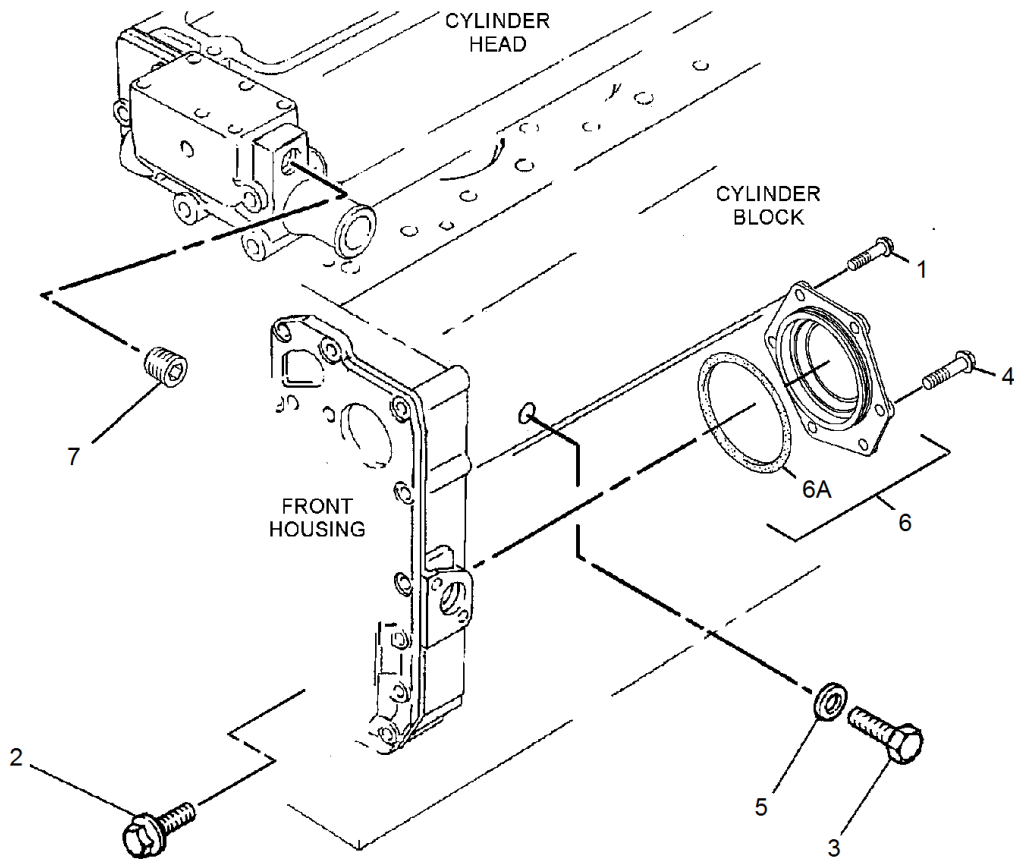
Ref.	Part number	Description	Qty	Code	Group page
1	356-3503	CAMSHAFT	1		
2	232-3666	WASHER-THRUST	1		
3	067-6179	DOWEL	1		
4	9Y-2633	GEAR-CAMSHAFT (56-TEETH)	1		
5	067-6135	KEY-WOODRUFF (CAMSHAFT)	1		
6	7C-4616	BOLT (M12X1.75X45-MM)	1	M	
7	133-1011	WASHER	1		
8	324-0444	HUB-IDLER GEAR	1		
9	2W-1529	GEAR 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



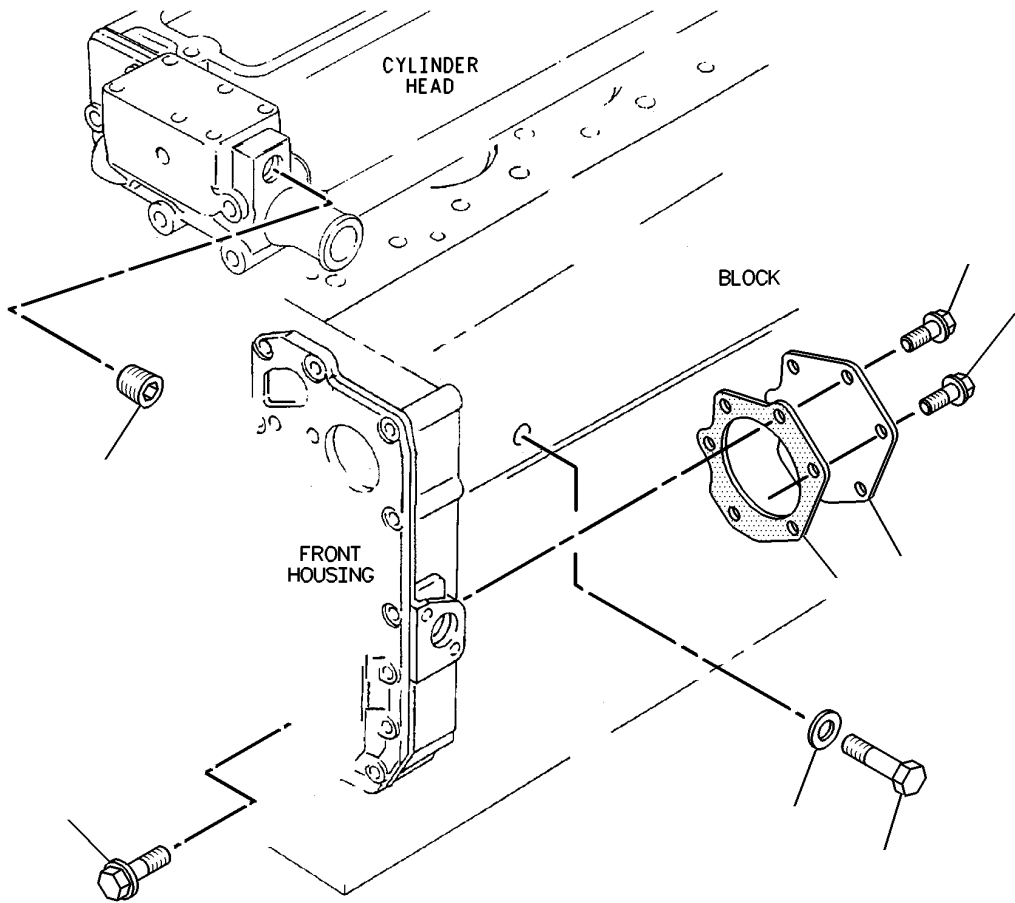
Ref.	Part number	Description	Qty	Code	Group page
1	111-8222	BOLT (M8X1.25X16-MM)	4	BM	
2	6I-0593	BOLT (M10X1.5X30-MM)	2	M	
3	6I-0646	BOLT (M10X1.5X14-MM)	1	M	
4	100-4830	BOLT (M10X1.5X20-MM)	1	M	
5	067-6810	WASHER	1		
6	329-7854	PLATE AS	1		
6A	329-7856	SEAL-O-RING	1		
7	2B-0858	PLUG-PIPE	1		
	6I-0645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



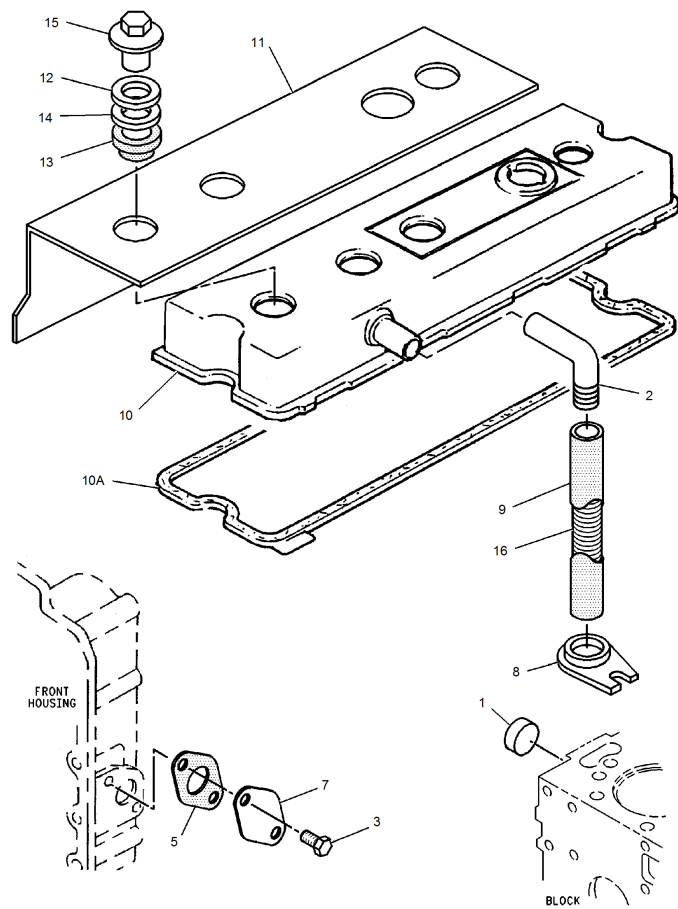
Ref.	Part number	Description	Qty	Code	Group page
1	111-8222	BOLT (M8X1.25X16-MM)	4	BM	
	6I-0645	BOLT (M8X1.25X25-MM)	4	BM	
2	6I-0593	BOLT (M10X1.5X30-MM)	2	M	
3	6I-0646	BOLT (M10X1.5X14-MM)	1	M	
4	100-4830	BOLT (M10X1.5X20-MM)	1	M	
5	067-6810	WASHER	1		
6	209-5502	COVER AS (POWER TAKE-OFF)	1		
7	209-5503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

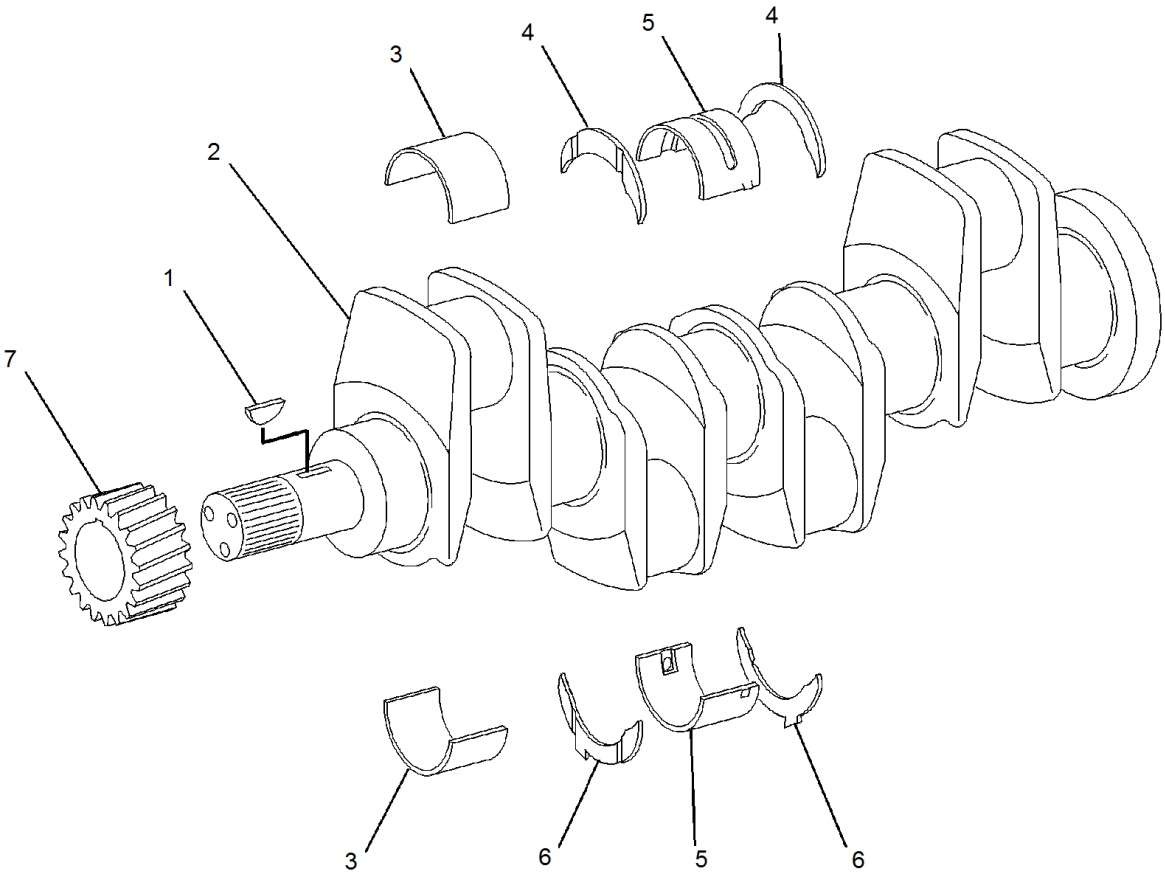
Ref.	Part number	Description	Qty	Code	Group page
14	204-8988	SPACER	3		
15	167-0095	NUT	3		
16	162-1565	SPRING (CRANKCASE BREATHER HOSE)	1		

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)

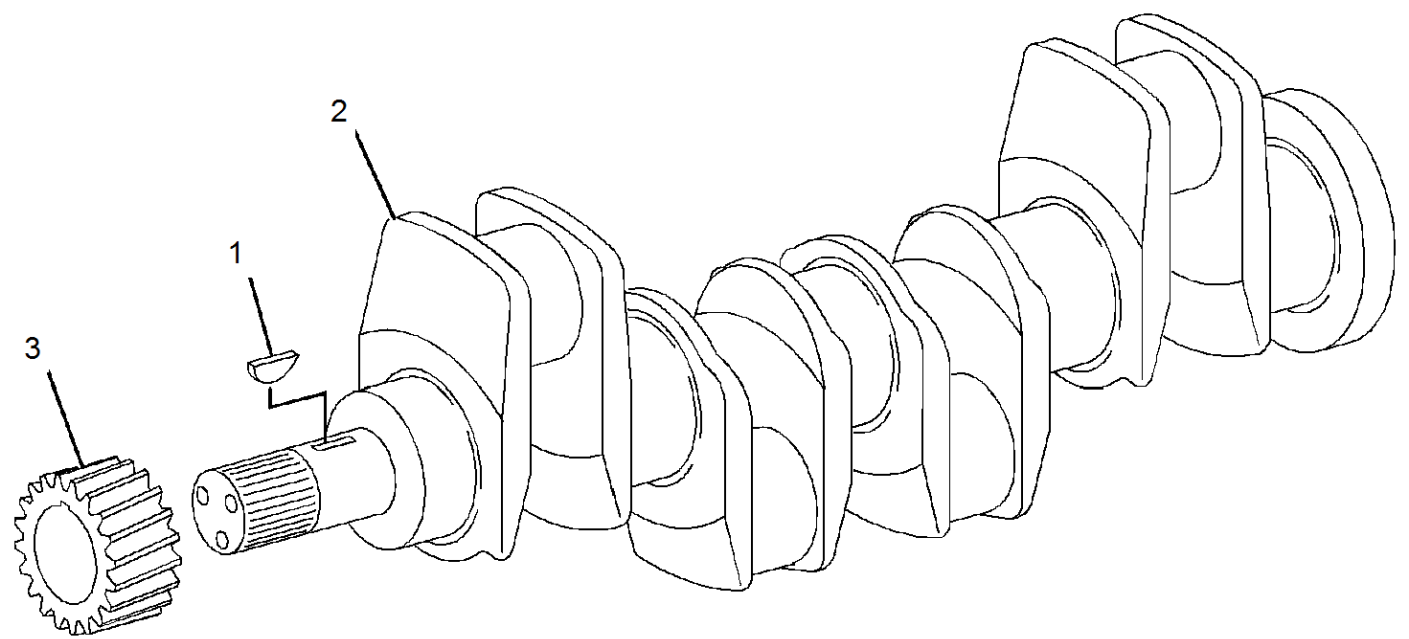
Ref.	Part number	Description	Qty	Code	Group page
6	032-9091	WASHER-THRUST (STANDARD-LOWER)	2	B	
	067-6874	WASHER-THRUST (0.18-MM OS)(LOWER)		AB	
7	6I-0223	GEAR-CRANKSHAFT (28-TEETH)	1		

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



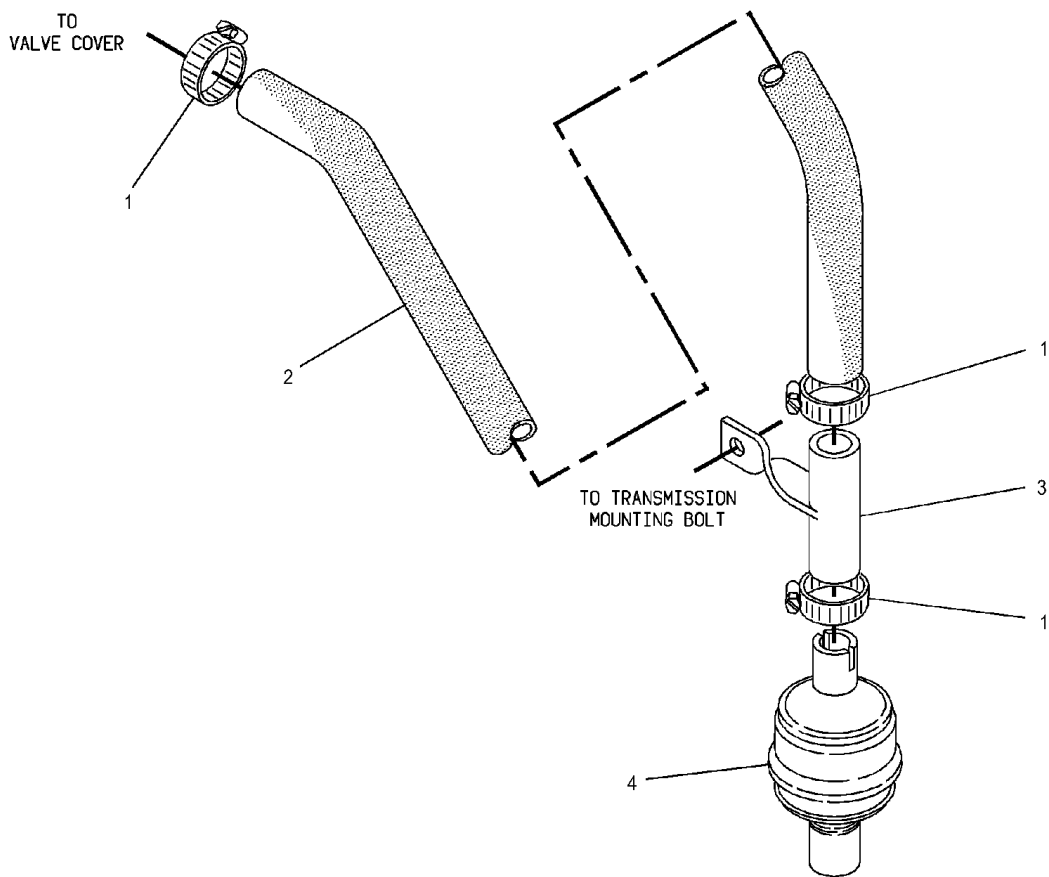
Ref.	Part number	Description	Qty	Code	Group page
1	067-6135	KEY-WOODRUFF	1		
2	364-2828	CRANKSHAFT GP	1	Y	
3	6I-0223	GEAR-CRANKSHAFT (28-TEETH)	1		

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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