

CATERPILLAR 312D2 L

MPP / SEBP6527

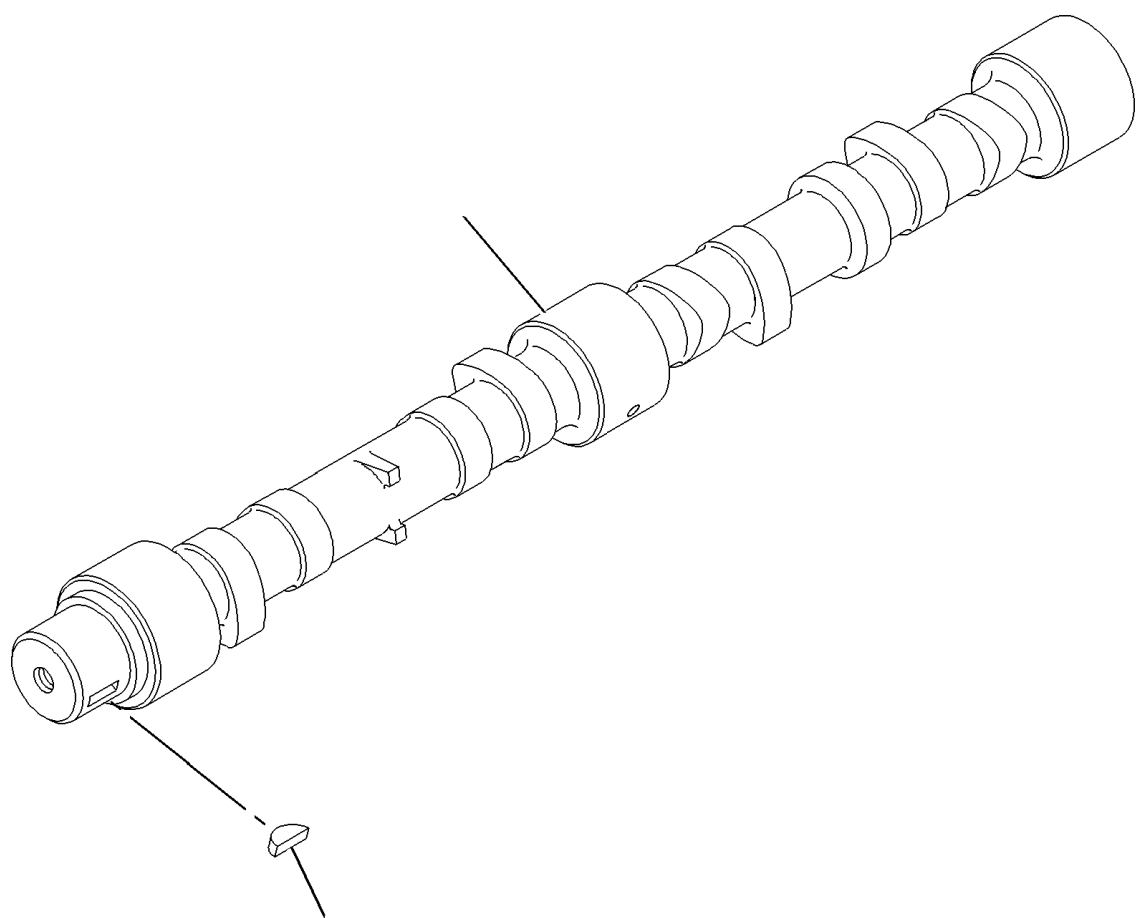
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232-7528 CAMSHAFT GP

232-7528 CAMSHAFT GP S/N G4D1-UP PART OF 391-6308 ENGINE AR-PRIMARY

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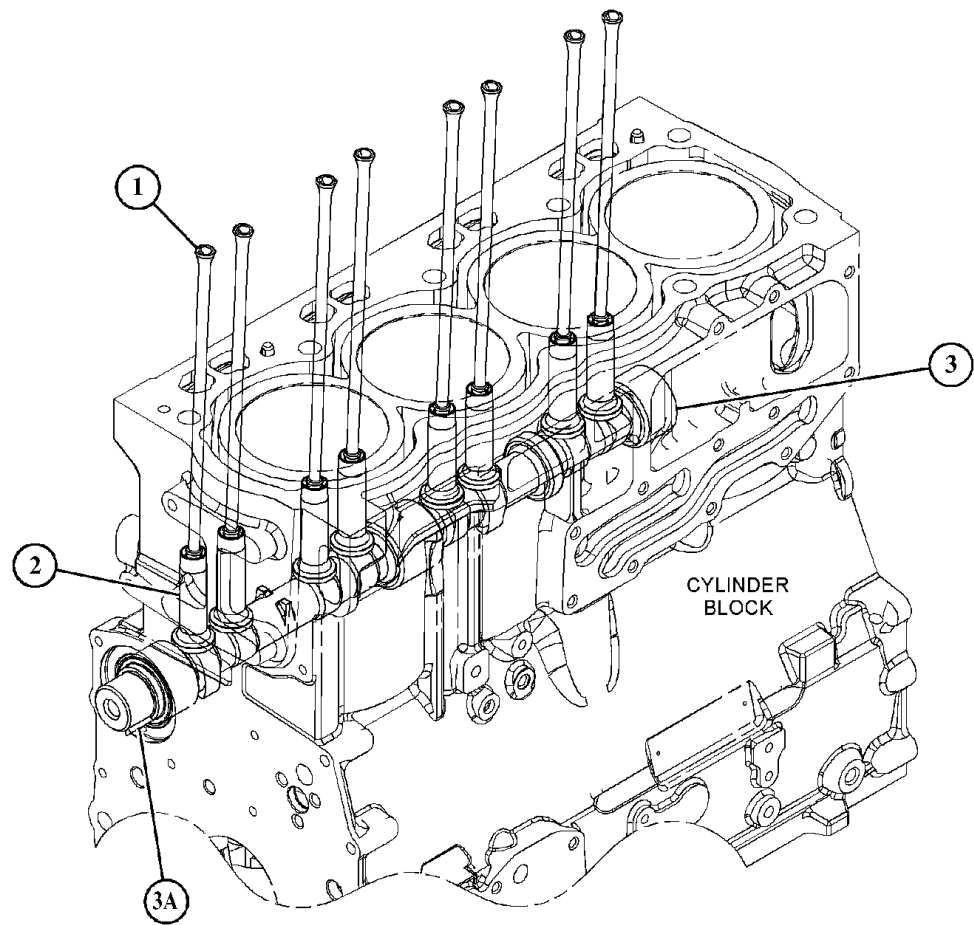


Ref.	Part number	Description	Qty	Code	Group page
1	1B-8736	KEY-WOODRUFF	1		
2	225-5967	CAMSHAFT	1		

460-0745 CAMSHAFT GP

460-0745 CAMSHAFT GP S/N G4D1-UP PART OF 391-6308, 470-6478 ENGINE AR-PRIMARY

Drawing 1 of 1

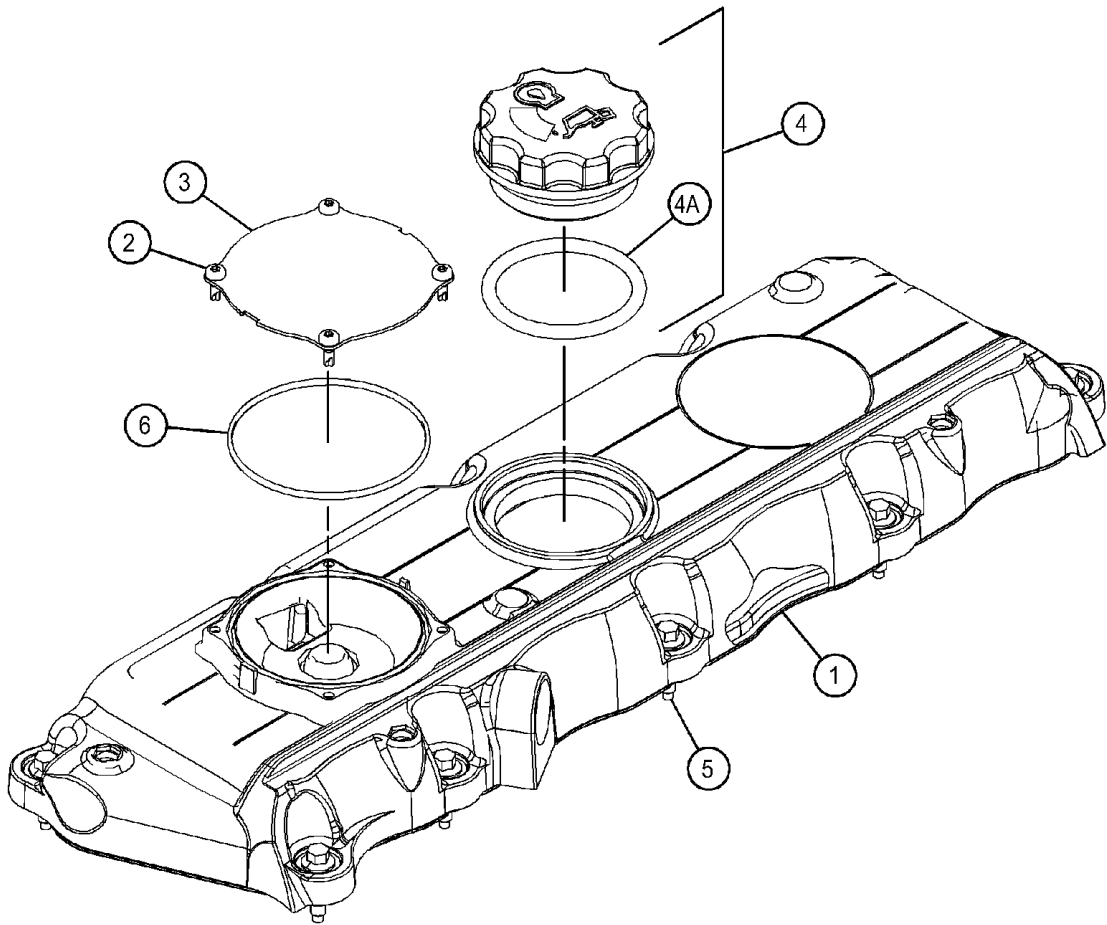


Ref.	Part number	Description	Qty	Code	Group page
1	067-6095	ROD	8		
2	464-6253	LIFTER-VALVE	8		
3	350-2374	CAMSHAFT AS	1		
3A	067-6135	KEY-WOODRUFF	1		

446-9163 COVER GP-CYLINDER HEAD

446-9163 COVER GP-CYLINDER HEAD S/N G4D1-UP PART OF 230-9150, 460-0449 COVER GP-VALVE MECHANISM

Drawing 1 of 1

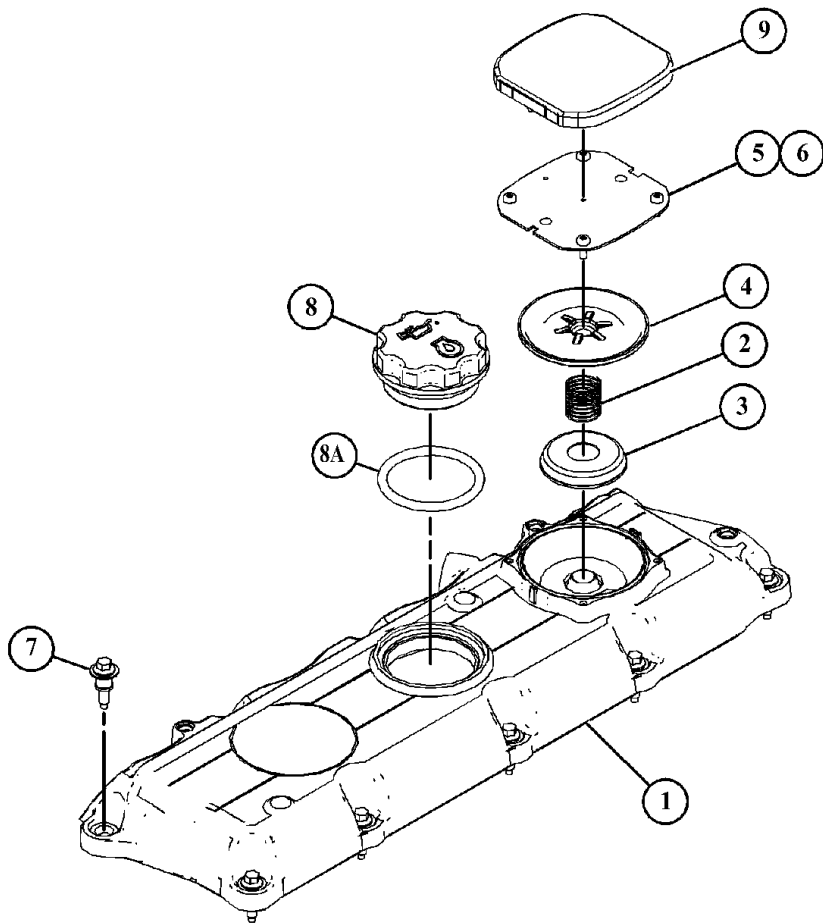


Ref.	Part number	Description	Qty	Code	Group page
1	225-6451	GASKET (VALVE COVER)	1		
2	225-6478	SCREW-MACHINE	4		
3	431-1704	PLATE	1		
4	136-3608	CAP AS (ENGINE OIL FILLER)	1		
4A	124-0506	SEAL	1		
5	349-2746	BOLT	10		
6	292-9008	SEAL	1		

521-8086 COVER GP-CYLINDER HEAD

521-8086 COVER GP-CYLINDER HEAD S/N G4D1-UP PART OF 460-0449 COVER GP-VALVE MECHANISM

Drawing 1 of 1

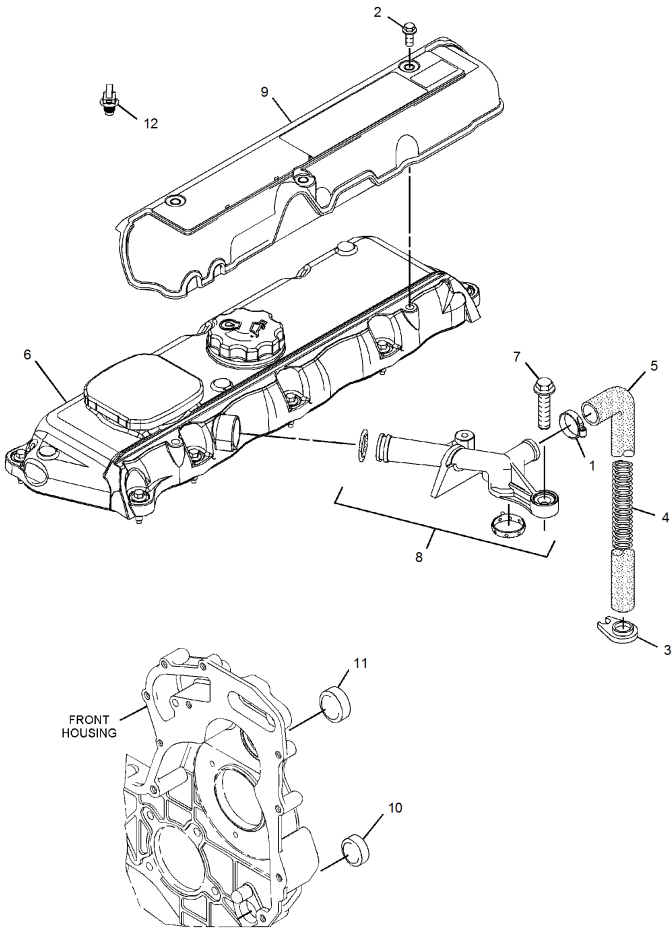


Ref.	Part number	Description	Qty	Code	Group page
1	225-6451	GASKET (VALVE COVER)	1		
2	225-6456	SPRING	1		
3	225-6461	CAP	1		
4	225-6464	DIAPHRAGM (CRANKCASE PRESSURE CONTACTOR)	1		
5	225-6477	PLATE	1		
6	225-6478	SCREW-MACHINE	4		
7	349-2746	BOLT	10		
8	136-3608	CAP AS (ENGINE OIL FILLER)	1		
8A	124-0506	SEAL	1		
9	225-6479	CAP	1		

230-9150 COVER GP-VALVE MECHANISM

230-9150 COVER GP-VALVE MECHANISM S/N G4D1-UP PART OF 391-6308 ENGINE AR-PRIMARY Type 1

Drawing 1 of 1



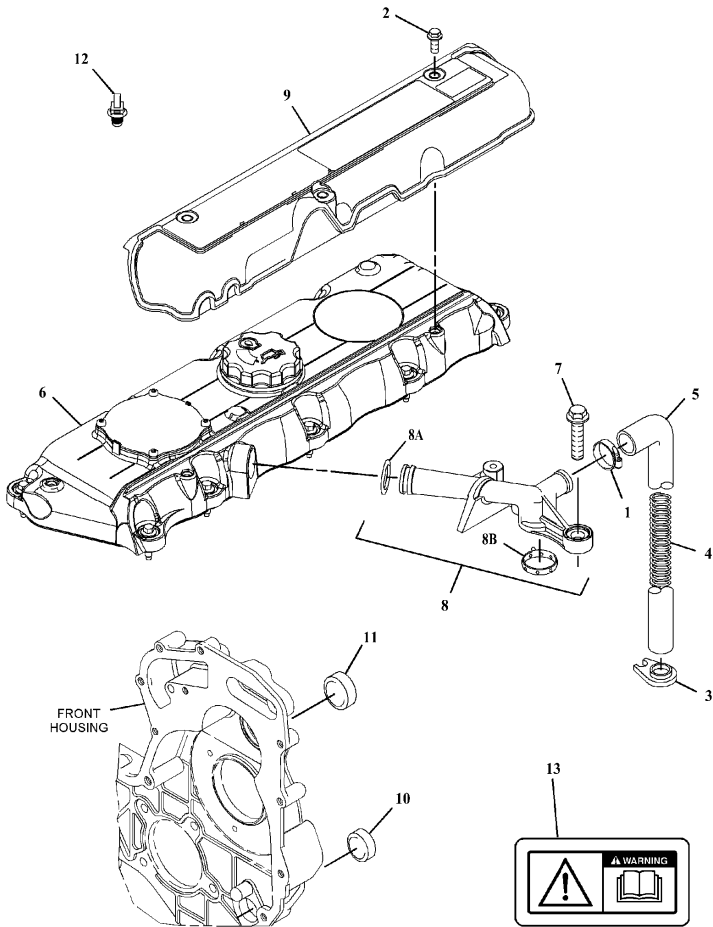
Ref.	Part number	Description	Qty	Code	Group page
1	5D-1026	CLAMP-BAND	1		
2	6I-0846	BOLT (M6X1X14-MM)	3	M	
3	7C-1281	BRACKET	1		
4	162-1565	SPRING (CRANKCASE BREATHER HOSE)	1		
5	198-9169	HOSE (CRANKCASE BREATHER)	1		
6	308-1393	COVER GP-VALVE MECHANISM	1	CY	
7	100-4838	BOLT (M6X1X20-MM)	2	M	
8	287-8573	PIPE AS	1		
9	230-9127	COVER	1		
10	225-6524	PLUG-CUP	1		
11	225-6522	PLUG-CUP	1		
12	217-9039	STRAP-CABLE	1		

CAT codes: C, M, R, Y.

230-9150 COVER GP-VALVE MECHANISM

230-9150 COVER GP-VALVE MECHANISM S/N G4D1-UP PART OF 391-6308 ENGINE AR-PRIMARY Type 2

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	5D-1026	CLAMP-BAND	1		
2	6I-0846	BOLT (M6X1X14-MM)	3	M	
3	7C-1281	BRACKET	1		
4	162-1565	SPRING (CRANKCASE BREATHER HOSE)	1		
5	198-9169	HOSE (CRANKCASE BREATHER)	1		
6	446-9163	COVER GP-CYLINDER HEAD	1	CY	
7	100-4838	BOLT (M6X1X20-MM)	2	M	
8	287-8573	PIPE AS	1		
8A	150-7732	SEAL-O-RING	1		
8B	286-3030	RING-SEAL	1		
9	230-9127	COVER	1		
10	225-6524	PLUG-CUP	1		

230-9150 COVER GP-VALVE MECHANISM (continued)

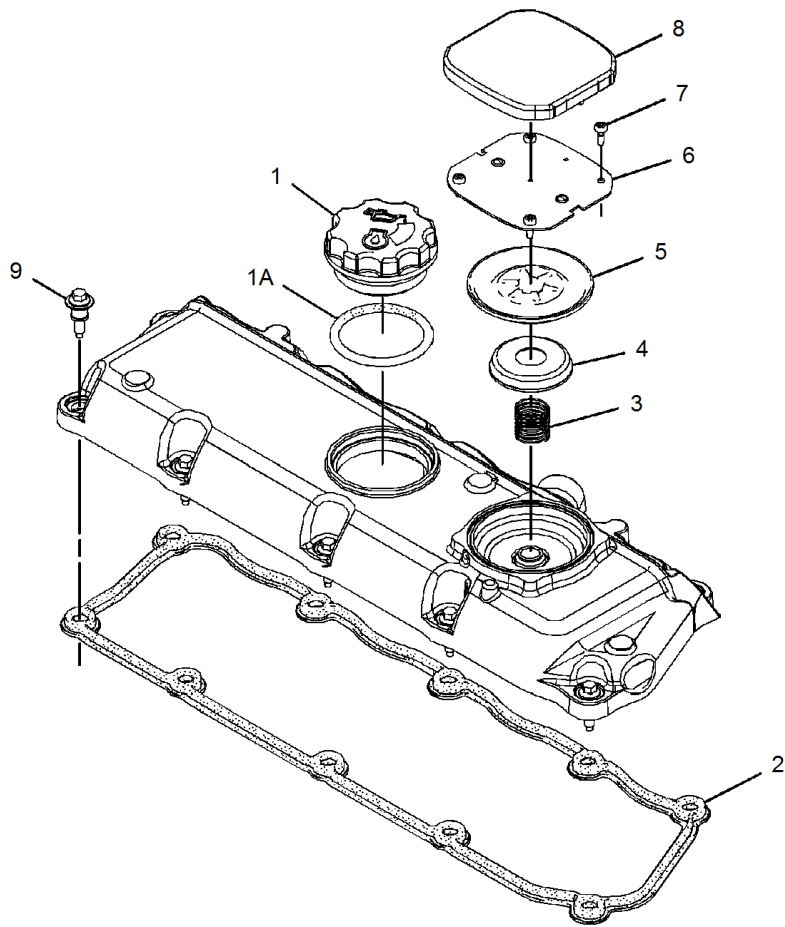
Ref.	Part number	Description	Qty	Code	Group page
11	225-6522	PLUG-CUP	1		
12	217-9039	STRAP-CABLE	1		
13	346-8219	FILM-WARNING (UNIVERSAL WARNING)	1		

CAT codes: C, M, R, Y.

308-1393 COVER GP-VALVE MECHANISM

308-1393 COVER GP-VALVE MECHANISM S/N G4D1-UP PART OF 230-9150 COVER GP-VALVE MECHANISM

Drawing 1 of 1

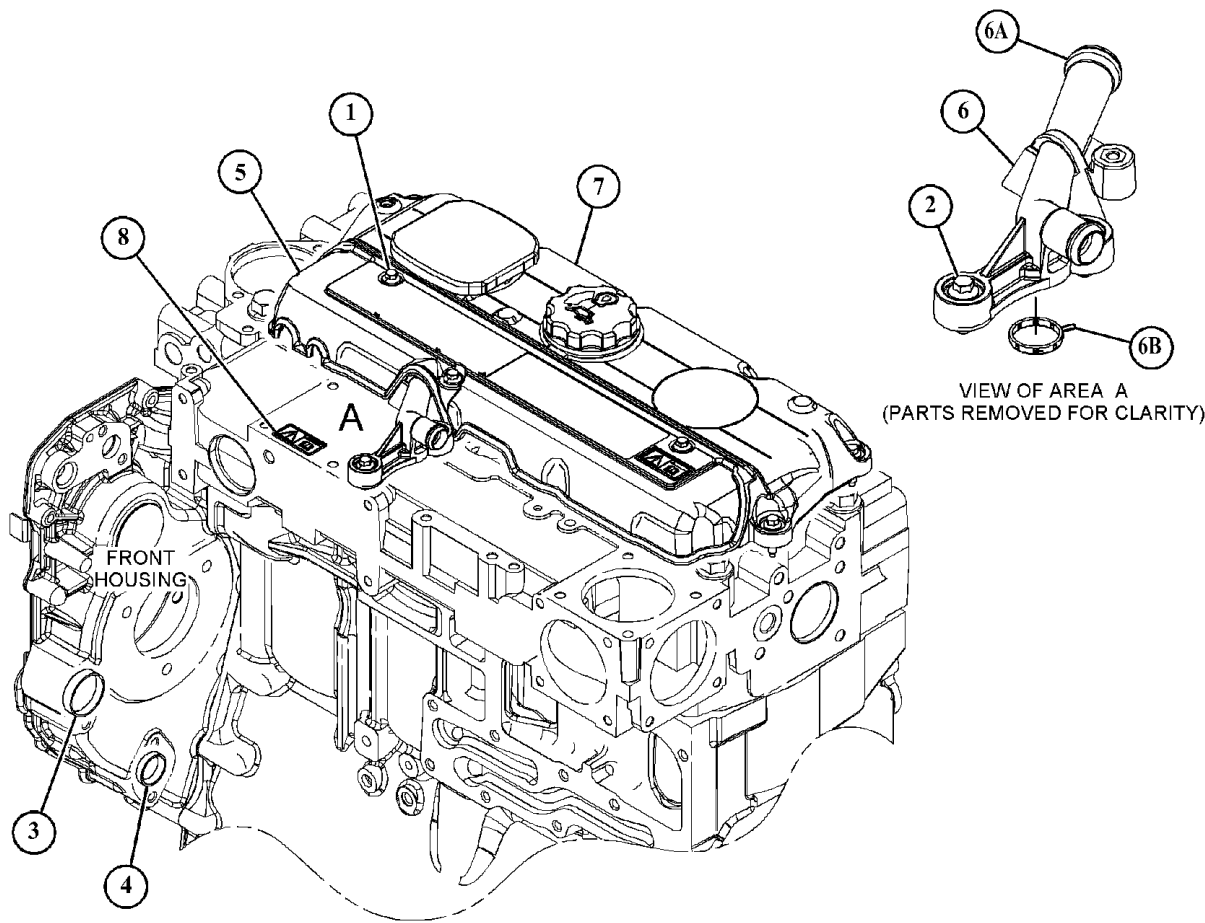


Ref.	Part number	Description	Qty	Code	Group page
1	136-3608	CAP AS (ENGINE OIL FILLER)	1		
1A	124-0506	SEAL	1		
2	225-6451	GASKET (VALVE COVER)	1		
3	225-6456	SPRING	1		
4	225-6461	CAP	1		
5	225-6464	DIAPHRAGM (CRANKCASE PRESSURE CONTACTOR)	1		
6	225-6477	PLATE	1		
7	225-6478	SCREW-MACHINE	4		
8	225-6479	CAP	1		
9	349-2746	BOLT	1		

460-0449 COVER GP-VALVE MECHANISM

460-0449 COVER GP-VALVE MECHANISM S/N G4D1-UP PART OF 470-6478 ENGINE AR-PRIMARY Type 1

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	6I-0846	BOLT (M6X1X14-MM)	3	M	
2	100-4838	BOLT (M6X1X20-MM)	2	M	
3	225-6522	PLUG-CUP	1		
4	225-6524	PLUG-CUP	1		
5	230-9127	COVER	1		
6	287-8573	PIPE AS	1		
6A	150-7732	SEAL-O-RING	1		
6B	286-3030	RING-SEAL	1		
7	446-9163	COVER GP-CYLINDER HEAD	1	Y	
8	346-8219	FILM-WARNING (UNIVERSAL WARNING)	1		

CAT codes: M, R, Y.

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