

CATERPILLAR 299D

HCL / SEBP5952

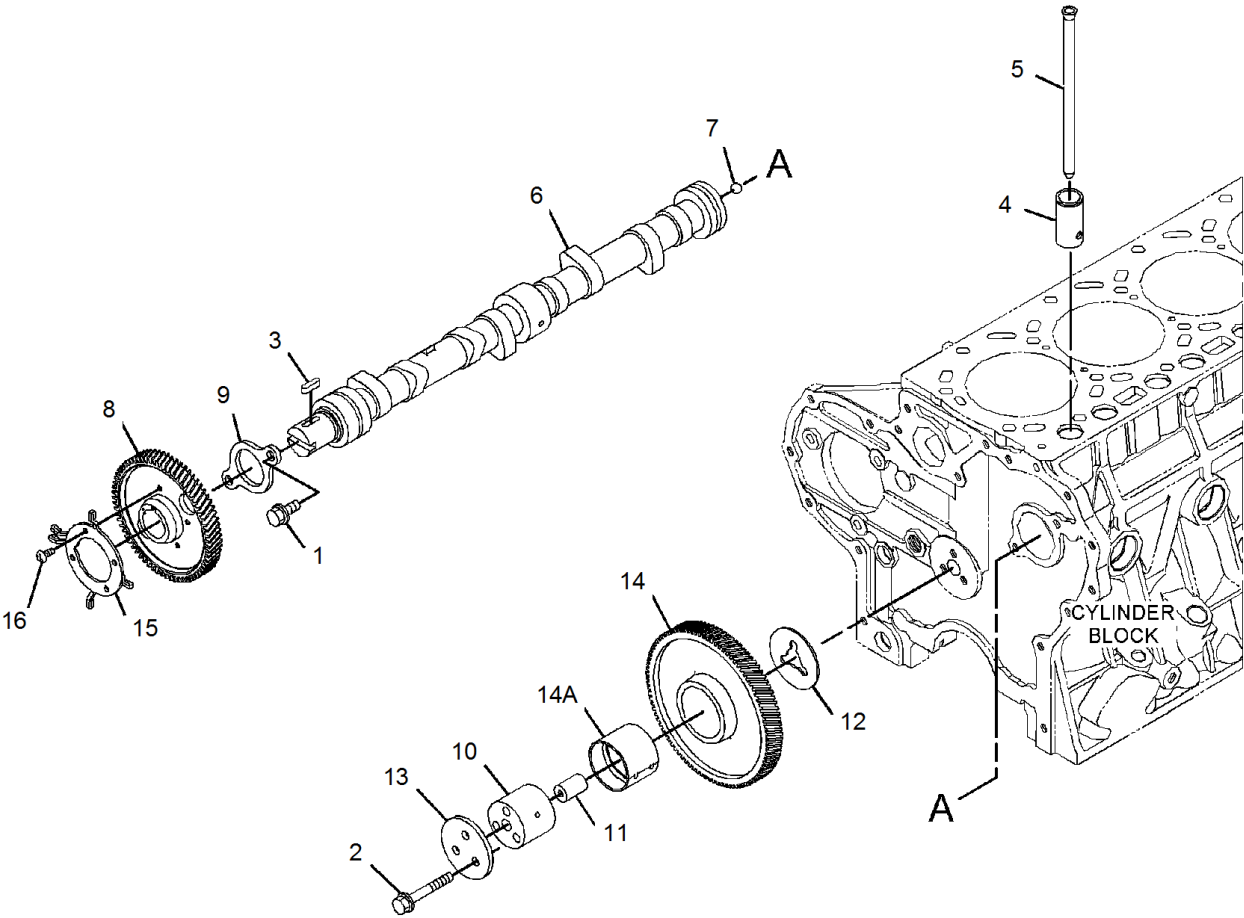
Contents

Section	Page
Basic engine	2
Lubrication system	
Cooling system	
Air inlet and exhaust	
Fuel system	
Basic engine	
Basic engine	
Electrical and electronics	
Hydraulic system	
Frame, guards and enclosure	
Undercarriage	
Hydraulic system	
Hydraulic system	
Cooling system	
Air inlet and exhaust	
Cooling system	

389-2322 CAMSHAFT GP

389-2322 CAMSHAFT GP PART OF 345-3615 ENGINE AR-PRIMARY

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	393-7573	BOLT-FLANGE HEAD	2		
2	383-0191	BOLT	3		
3	398-5524	KEY-FEATHER	1		
4	383-0306	TAPPET	8		
5	389-5199	PUSHROD	8		
6	389-5200	CAMSHAFT AS	1		
7	389-5201	BALL	1		
8	389-5202	GEAR-CAMSHAFT	1		
9	389-5203	STOP	1		
10	389-5204	SHAFT	1		
11	389-5205	PIN	1		
12	389-5206	PLATE	1		
13	389-5207	PLATE	1		
14	389-5208	GEAR AS-IDLER	1		

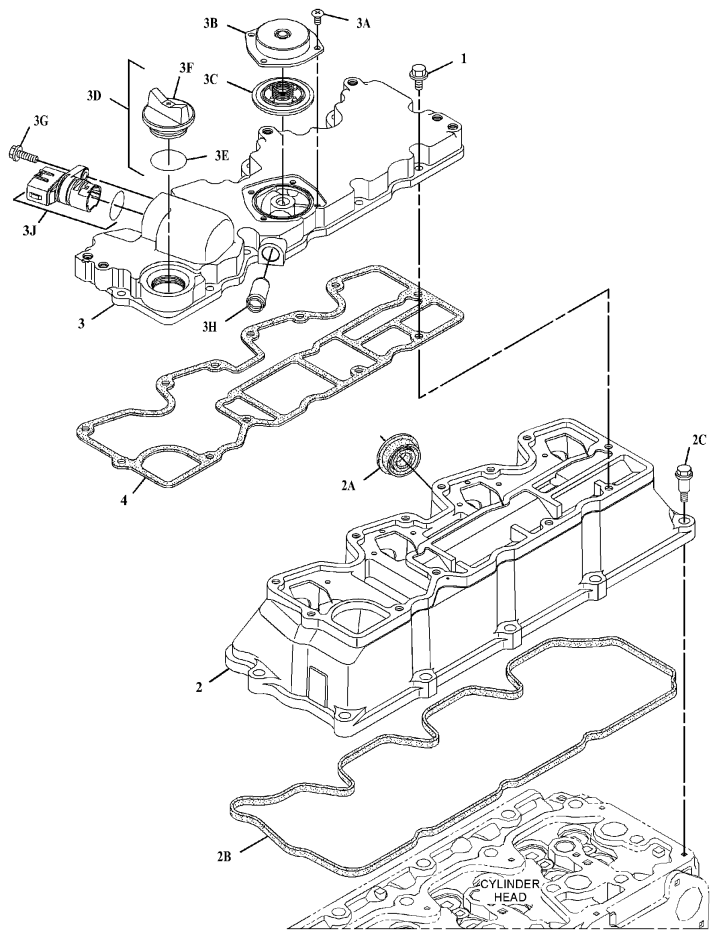
389-2322 CAMSHAFT GP (continued)

Ref.	Part number	Description	Qty	Code	Group page
14A	389-5209	BEARING	1		
15	389-5210	GEAR	1		
16	389-5211	SCREW	4		

389-2326 COVER GP-VALVE MECHANISM

389-2326 COVER GP-VALVE MECHANISM PART OF 345-3615 ENGINE AR-PRIMARY

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	388-7535	BOLT-FLANGE HEAD	13		
2	389-5149	COVER AS-BASE	1		
2A	388-7492	SEAL	4		
2B	389-5150	GASKET	1		
2C	389-5151	BOLT	10		
3	389-5152	COVER AS	1		
3A	389-5154	SCREW	4		
3B	383-0524	COVER	1		
3C	383-0563	VALVE-BREATHER	1		
3D	387-9856	PLUG AS	1		
3E	383-0217	SEAL-O-RING	1		
3F	389-5156	PLUG	1		
3G	388-7535	BOLT-FLANGE HEAD	1		

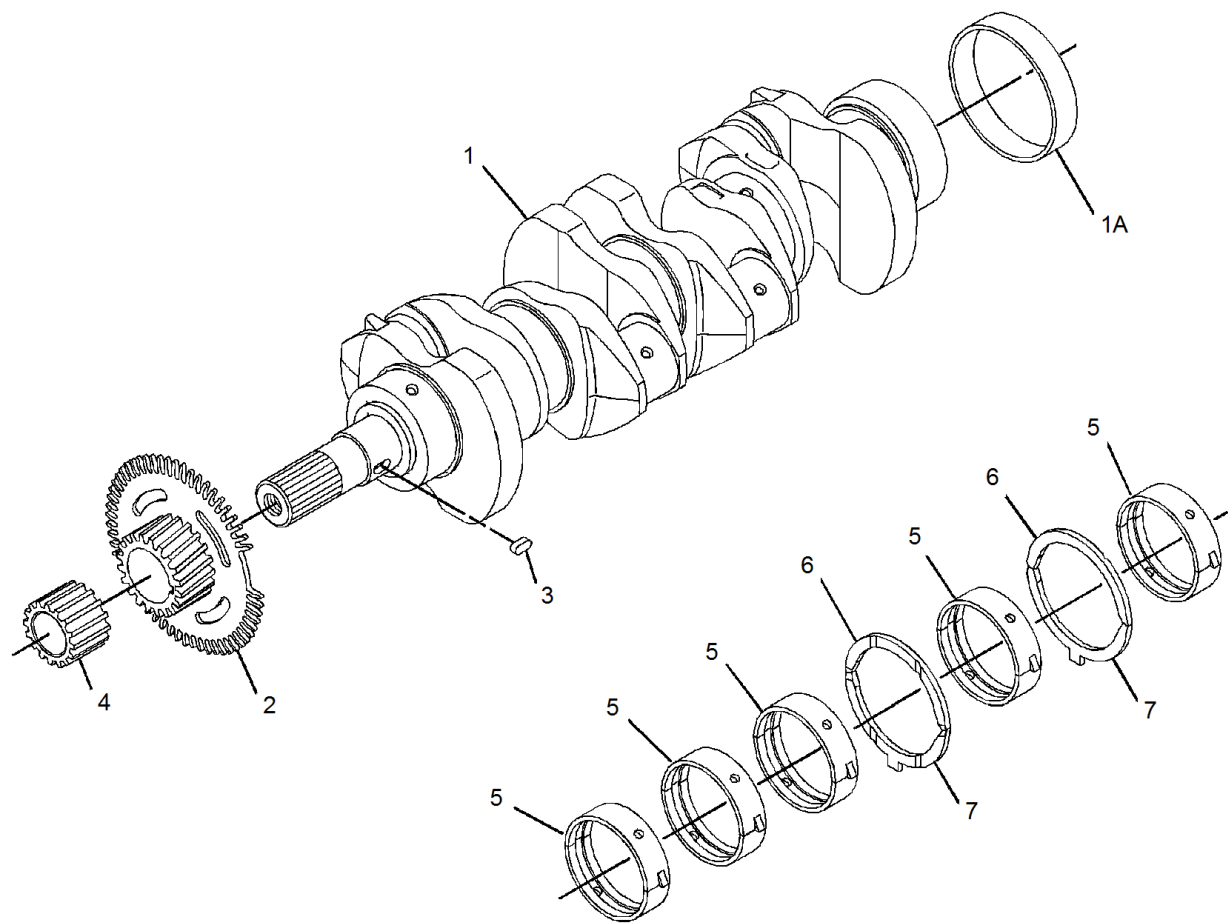
389-2326 COVER GP-VALVE MECHANISM (continued)

Ref.	Part number	Description	Qty	Code	Group page
3H	389-5153	ADAPTER	1		
3J	389-5155	CONNECTOR AS	1		
4	389-5157	GASKET	1		

389-2327 CRANKSHAFT GP

389-2327 CRANKSHAFT GP PART OF 345-3615 ENGINE AR-PRIMARY

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	389-5185	CRANKSHAFT AS	1		
1A	389-5186	SLEEVE	1		
2	389-5187	GEAR AS-CRANKSHAFT	1		
3	389-5188	KEY (CRANKSHAFT)	1		
4	389-5189	GEAR	1		
5	389-5190	BEARING-MAIN (STANDARD)	5		
	389-5191	BEARING-MAIN (0.20-MM US)		AB	
	389-5192	BEARING-MAIN (0.40-MM US)		AB	
6	389-5193	BEARING-THRUST (STANDARD)	2		
	389-5194	BEARING-THRUST (0.20-MM OS)		AB	
	389-5195	BEARING-THRUST (0.40-MM OS)		AB	

389-2327 CRANKSHAFT GP (continued)

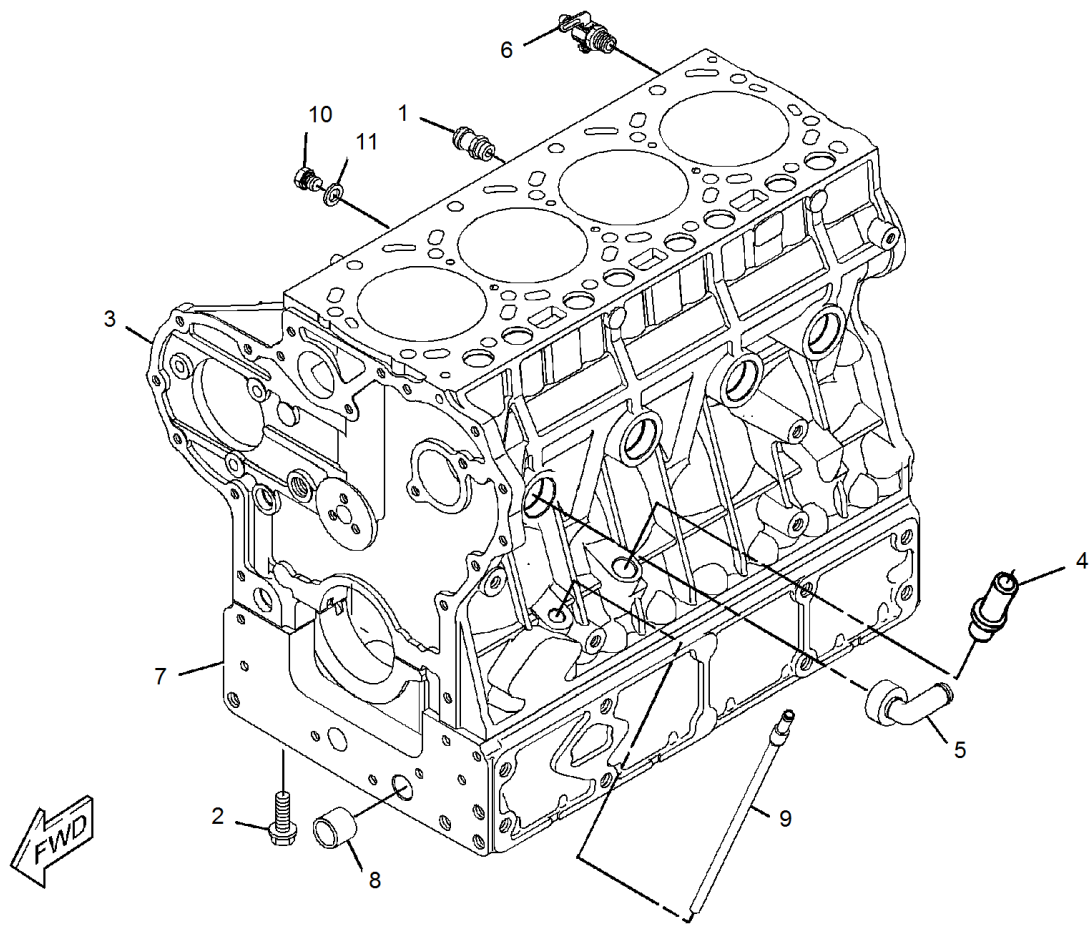
Ref.	Part number	Description	Qty	Code	Group page
7	389-5196	BEARING-THRUST (STANDARD)	2		
	389-5197	BEARING-THRUST (0.20-MM OS)		AB	
	389-5198	BEARING-THRUST (0.40-MM OS)		AB	

CAT codes: A, B.

389-2321 CYLINDER BLOCK GP

389-2321 CYLINDER BLOCK GP PART OF 345-3615 ENGINE AR-PRIMARY

Drawing 1 of 1



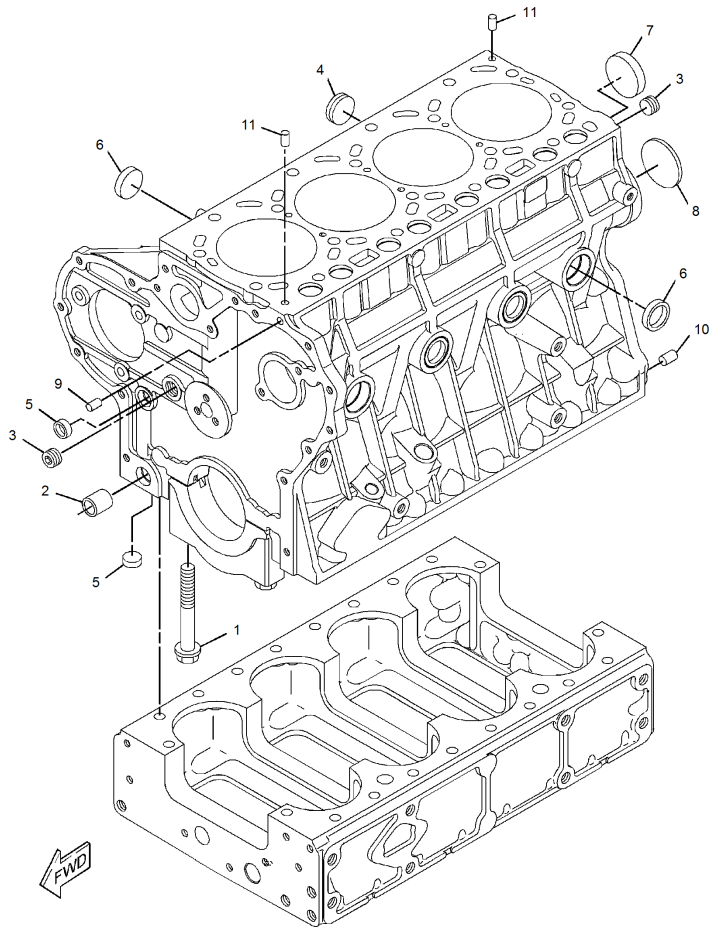
Ref.	Part number	Description	Qty	Code	Group page
1	387-9783	PIPE	1		
2	387-9893	BOLT-FLANGE HEAD	16		
3	389-5101	CYLINDER BLOCK GP	1	Y	
4	389-5109	ADAPTER	1		
5	389-5110	ADAPTER	1		
6	389-5111	VALVE	1		
7	389-5112	BLOCK	1		
8	389-5113	PIN	1		
9	389-5114	TUBE	1		
10	389-5115	PLUG	1		
11	389-5116	GASKET	1		

CAT codes: Y.

389-5101 CYLINDER BLOCK GP

389-5101 CYLINDER BLOCK GP PART OF 389-2321 CYLINDER BLOCK GP

Drawing 1 of 1

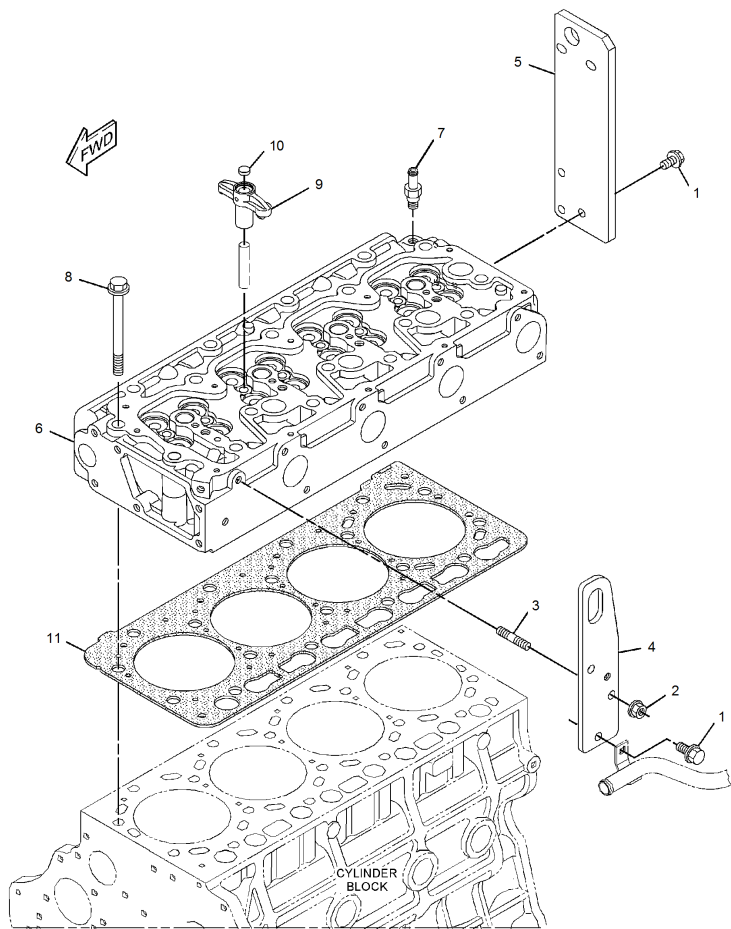


Ref.	Part number	Description	Qty	Code	Group page
1	389-5108	BOLT	10		
2	389-5107	PIN	1		
3	389-5102	PLUG	2		
4	388-7435	PLUG	1		
5	389-5103	CAP	2		
6	383-0260	CAP	6		
7	383-0261	CAP	1		
8	389-5104	PLUG	1		
9	389-5105	PIN	1		
10	389-5106	PIN	4		
11	383-0272	PIN	2		

389-2333 CYLINDER HEAD GP

389-2333 CYLINDER HEAD GP PART OF 345-3615 ENGINE AR-PRIMARY

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	452-4242	BOLT	4		
2	383-0199	NUT-FLANGE	1		
3	450-4121	STUD	1		
4	389-5126	PLATE-LIFTING	1		
5	389-5127	PLATE-LIFTING	1		
6	389-5128	CYLINDER HEAD GP	1	Y	
7	389-5130	ADAPTER	1		
8	389-5131	BOLT	18		
9	389-5138	ARM (CYLINDER HEAD)	8		
10	389-5139	PAD	8		
11	389-5132	GASKET-CYLINDER HEAD (0.9-MM THK)(TWO NOTCH)	1		
	389-5133	GASKET-CYLINDER HEAD (1-MM THK)(ONE NOTCH)		AB	
	389-5134	GASKET-CYLINDER HEAD (1.05-MM THK)(NO NOTCH)		AB	

CAT codes: A, B, Y.

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