

CATERPILLAR 299C

JSP / SEBP5069

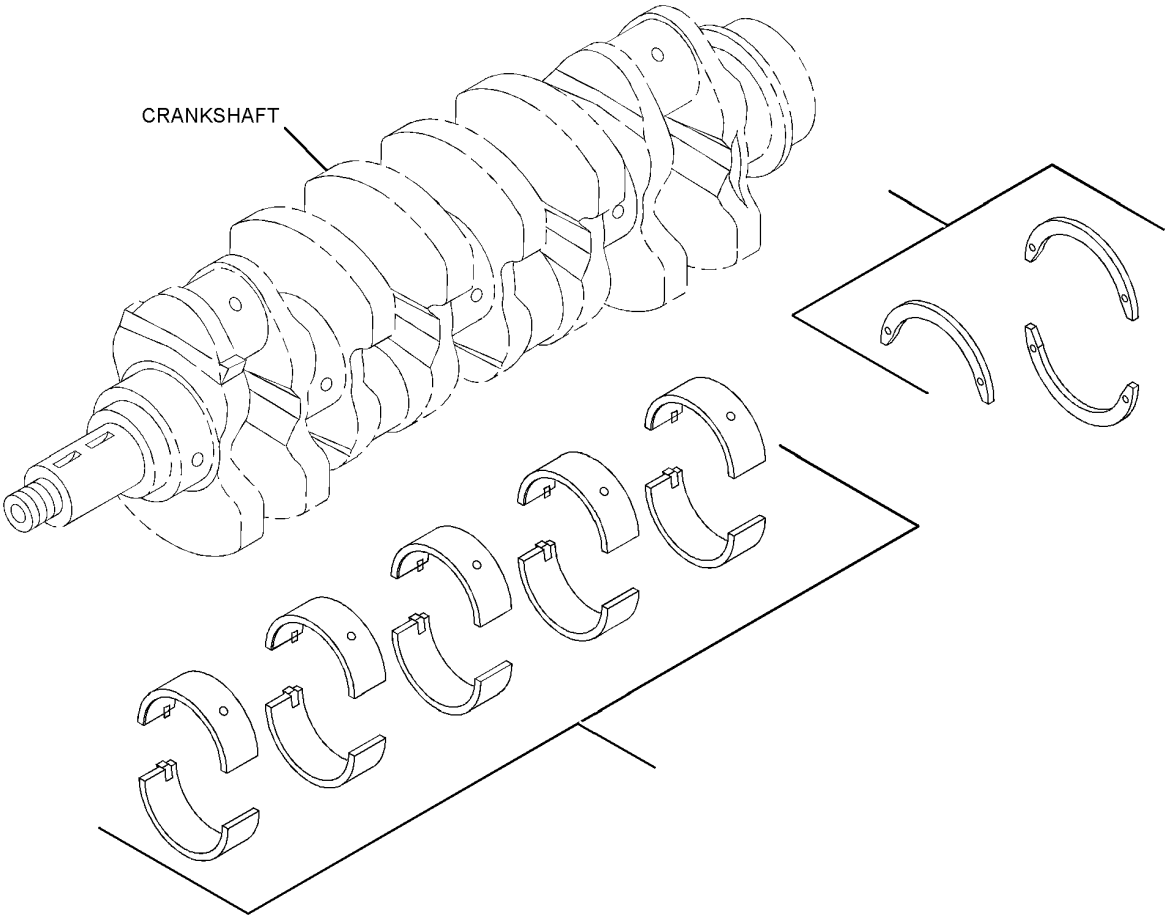
Contents

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	

292-4041 BEARING GP-MAIN

292-4041 BEARING GP-MAIN S/N CYM1-UP PART OF 287-8075, 319-6807 ENGINE AR-PRIMARY AN ATTACHMENT

Drawing 1 of 1



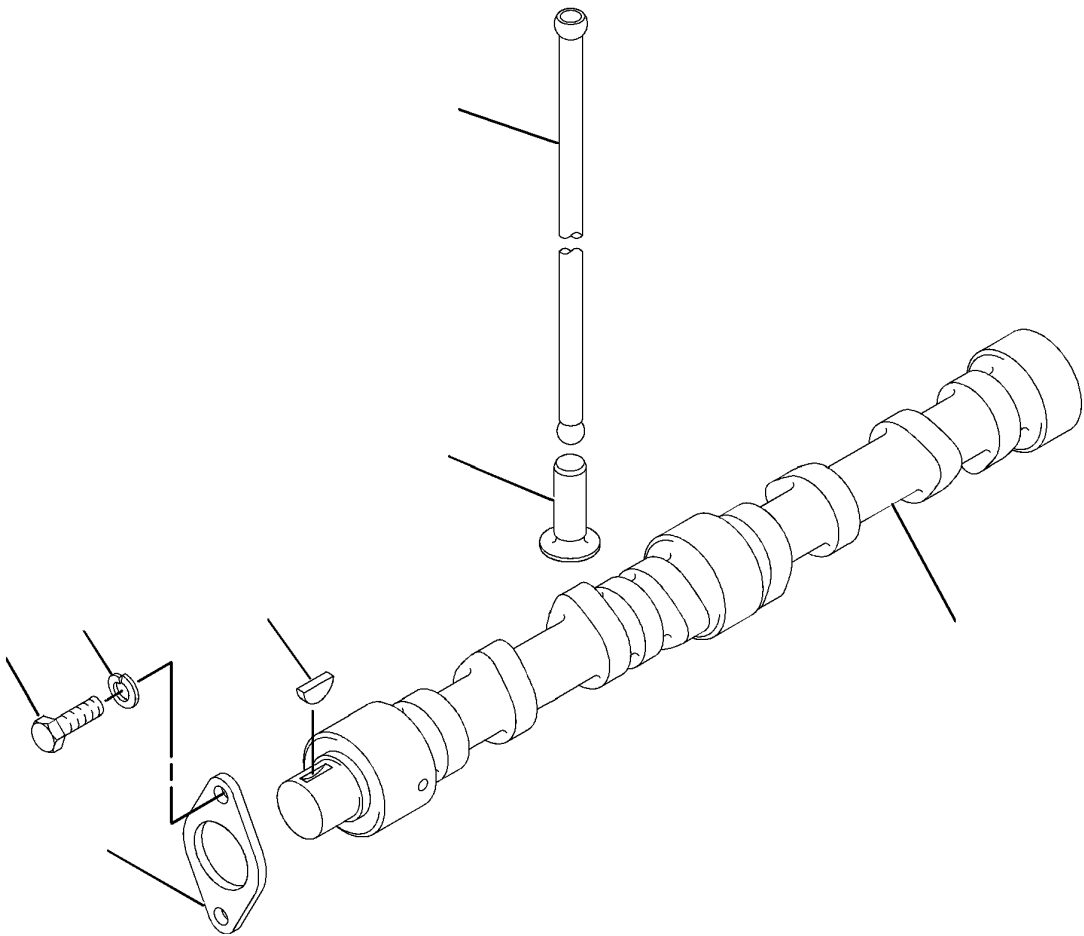
Ref.	Part number	Description	Qty	Code	Group page
1	103-9288	PLATE-THRUST (STANDARD)	3		
	103-9289	PLATE-THRUST (0.15-MM OS)		AB	
	103-9290	PLATE-THRUST (0.35-MM OS)		AB	
2	233-5486	BEARING-MAIN (STANDARD)	1		
	294-4890	KIT-BEARING (0.25-MM US)		AB	
	294-4891	KIT-BEARING (0.5-MM US)		AB	
	294-4892	KIT-BEARING (0.75-MM US)		AB	

CAT codes: A, B.

316-0447 CAMSHAFT GP

316-0447 CAMSHAFT GP S/N CYM1-UP PART OF 287-8075, 319-6807 ENGINE AR-PRIMARY AN ATTACHMENT

Drawing 1 of 1



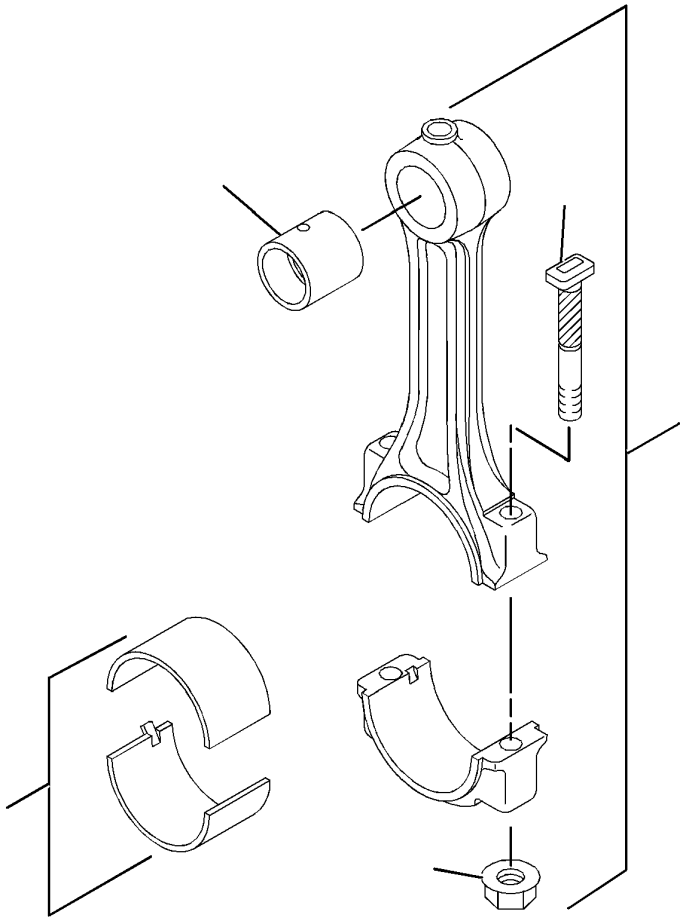
Ref.	Part number	Description	Qty	Code	Group page
1	3B-4505	LOCKWASHER	2		
2	8T-4200	BOLT (M8X1.25X16-MM)	2	M	
3	094-4628	KEY	1		
4	233-5485	PLATE-THRUST	1		
5	103-9273	PUSHROD	8		
6	103-9272	TAPPET	8		
7	315-2334	CAMSHAFT	1		

CAT codes: M.

287-4033 CONNECTING ROD GP

287-4033 CONNECTING ROD GP S/N CYM1-UP PART OF 287-8075, 319-6807 ENGINE AR-PRIMARY AN ATTACHMENT

Drawing 1 of 1



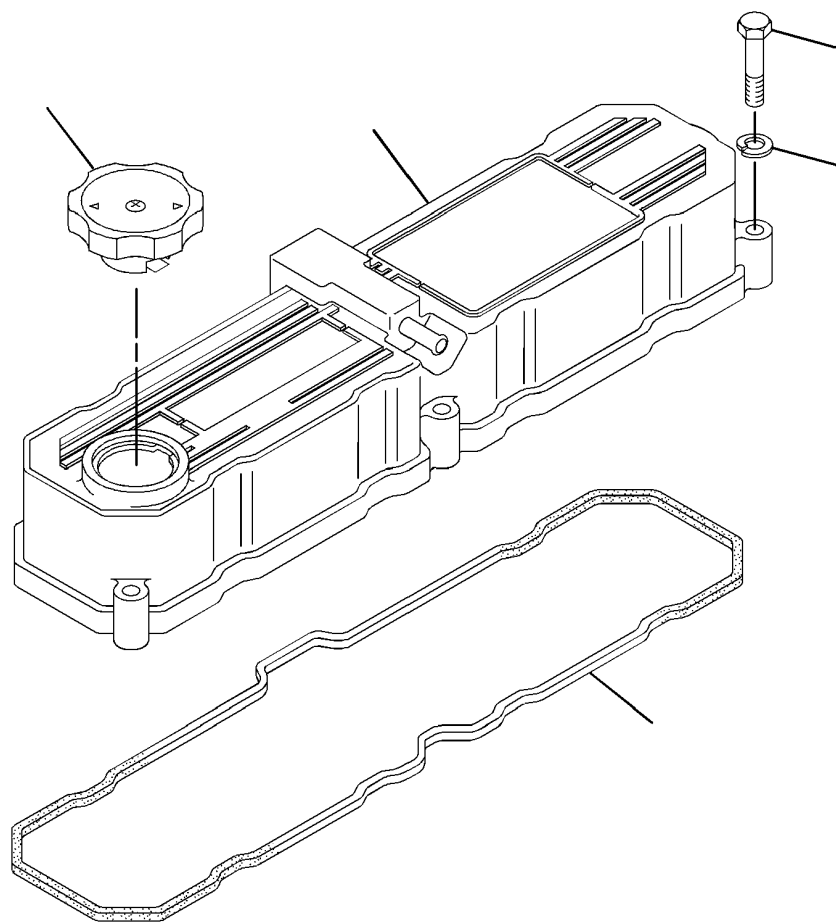
Ref.	Part number	Description	Qty	Code	Group page
1	103-9680	ROD AS-CONNECTING	4		
(EACH INCLUDES)					
1A	128-2955	BOLT-CONNECTING ROD	2		
1B	128-2956	NUT	2		
1C	128-2958	BUSHING	1		
2	238-8282	SET-BEARING (STANDARD)	1		
(INCLUDES A COMPLETE SET OF ROD BEARINGS)					
	238-8283	SET-BEARING (0.25-MM US)		AB	
	238-8284	SET-BEARING (0.5-MM US)		AB	
	238-8285	SET-BEARING (0.75-MM US)		AB	

CAT codes: A, B.

315-7762 COVER GP-VALVE MECHANISM

315-7762 COVER GP-VALVE MECHANISM S/N CYM1-UP PART OF 287-8075, 319-6807 ENGINE AR-PRIMARY AN ATTACHMENT

Drawing 1 of 1



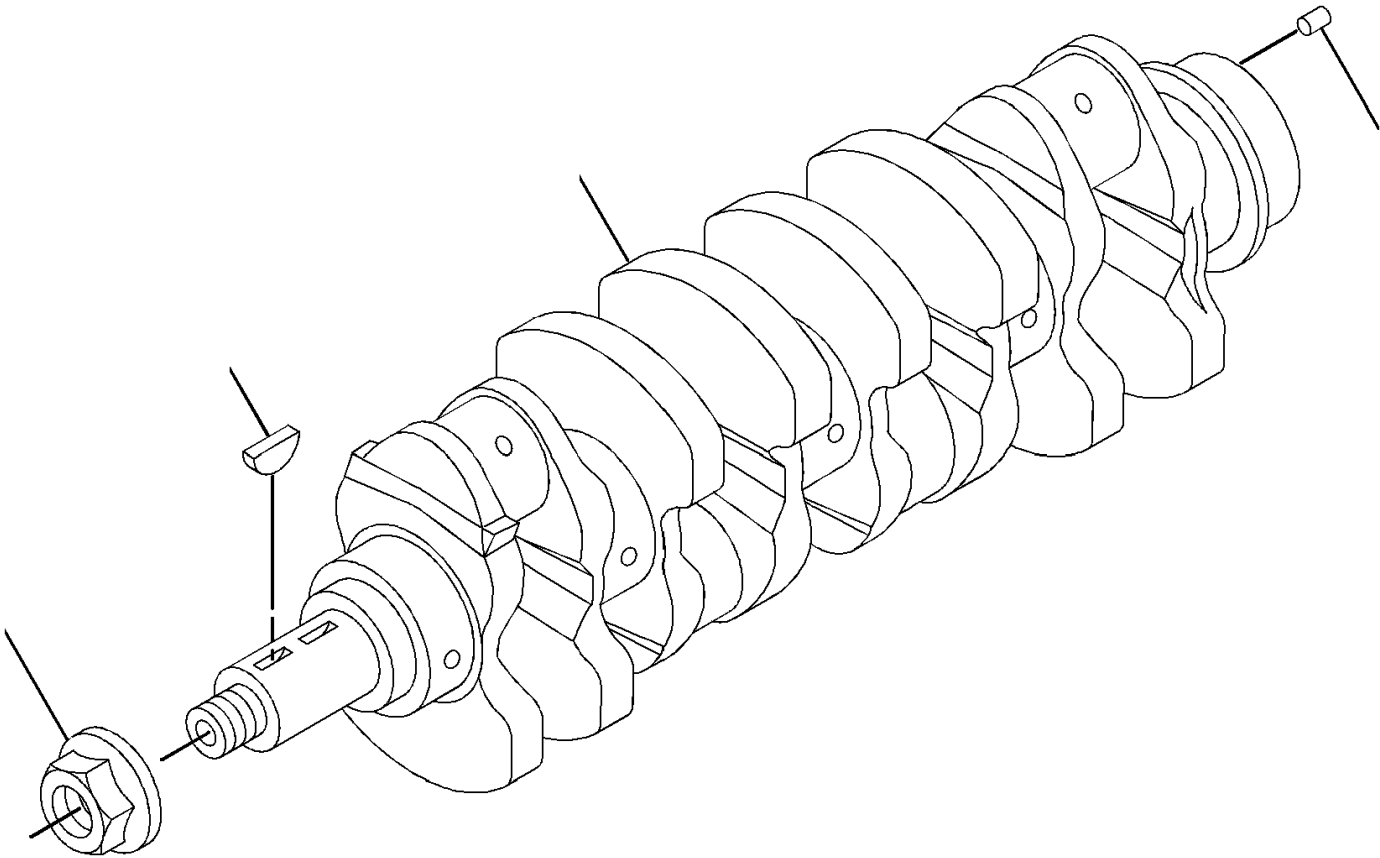
Ref.	Part number	Description	Qty	Code	Group page
1	3B-4505	LOCKWASHER	5		
2	099-3649	BOLT (M8X1.25X40-MM)	5	M	
3	233-5483	GASKET (VALVE MECHANISM)	1		
4	348-7676	COVER-VALVE MECHANISM	1		
5	310-8798	CAP-OIL FILLER (ENGINE)	1		

CAT codes: M.

314-9860 CRANKSHAFT GP

314-9860 CRANKSHAFT GP S/N CYM1-UP PART OF 287-8075, 319-6807 ENGINE AR-PRIMARY AN ATTACHMENT

Drawing 1 of 1

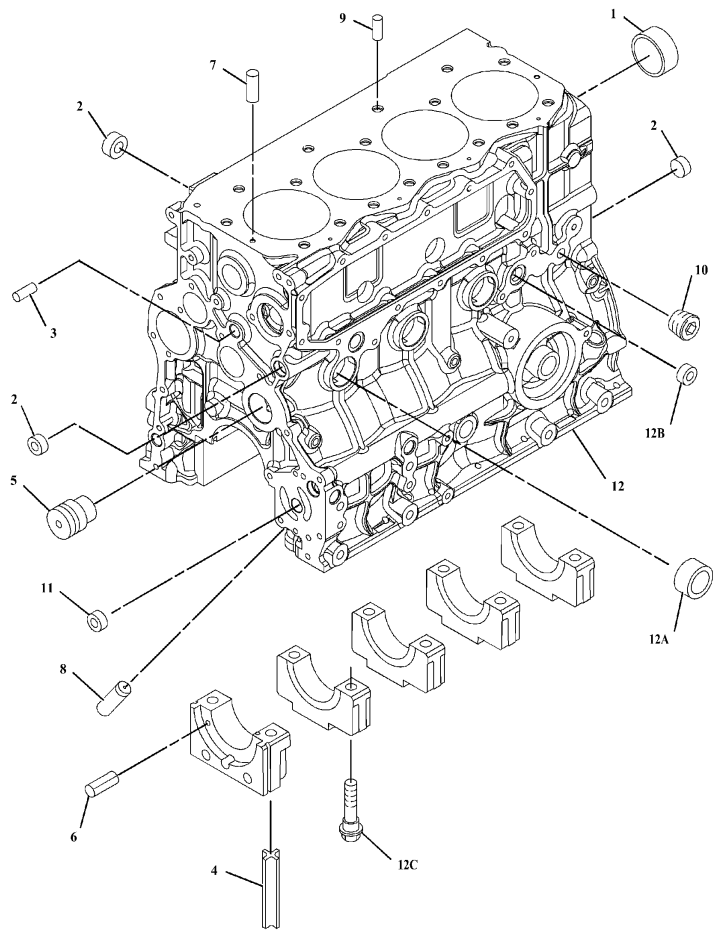


Ref.	Part number	Description	Qty	Code	Group page
1	085-9513	PIN	2		
2	094-4628	KEY	2		
3	130-7596	NUT	1		
4	294-7922	CRANKSHAFT	1		

330-7633 CYLINDER BLOCK GP

330-7633 CYLINDER BLOCK GP S/N CYM1-UP PART OF 287-8075, 319-6807 ENGINE AR-PRIMARY AN ATTACHMENT

Drawing 1 of 1

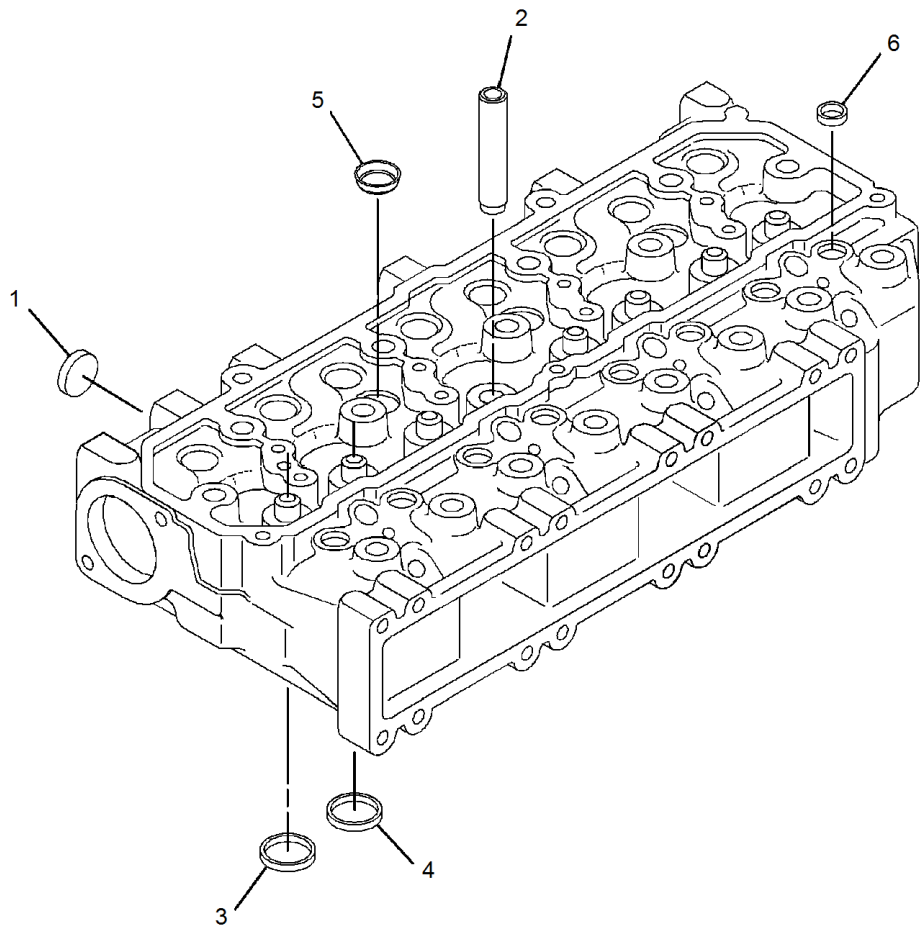


Ref.	Part number	Description	Qty	Code	Group page
1	5I-7525	PLUG	1		
2	096-3741	CAP	5		
3	099-4420	PIN	2		
4	103-9279	SEAL-SIDE	2		
5	103-9703	SHAFT-IDLER	1		
6	183-5916	PIN-SPRING	6		
7	104-1218	DOWEL	2		
8	233-5457	ORIFICE-JET (OIL PISTON COOLING)	4		
9	233-5488	PIN	2		
10	310-2682	PLUG	2		
11	314-9938	BUSHING	1		
12	330-7720	CYLINDER BLOCK GP	1		
12A	3P-1896	PLUG-CUP (35.31-MM OD)	10		
12B	096-3741	CAP	5		
12C	103-9276	BOLT	10		

319-7264 CYLINDER HEAD AS

319-7264 CYLINDER HEAD AS S/N CYM1-UP PART OF 315-7760 CYLINDER HEAD GP AN ATTACHMENT

Drawing 1 of 1

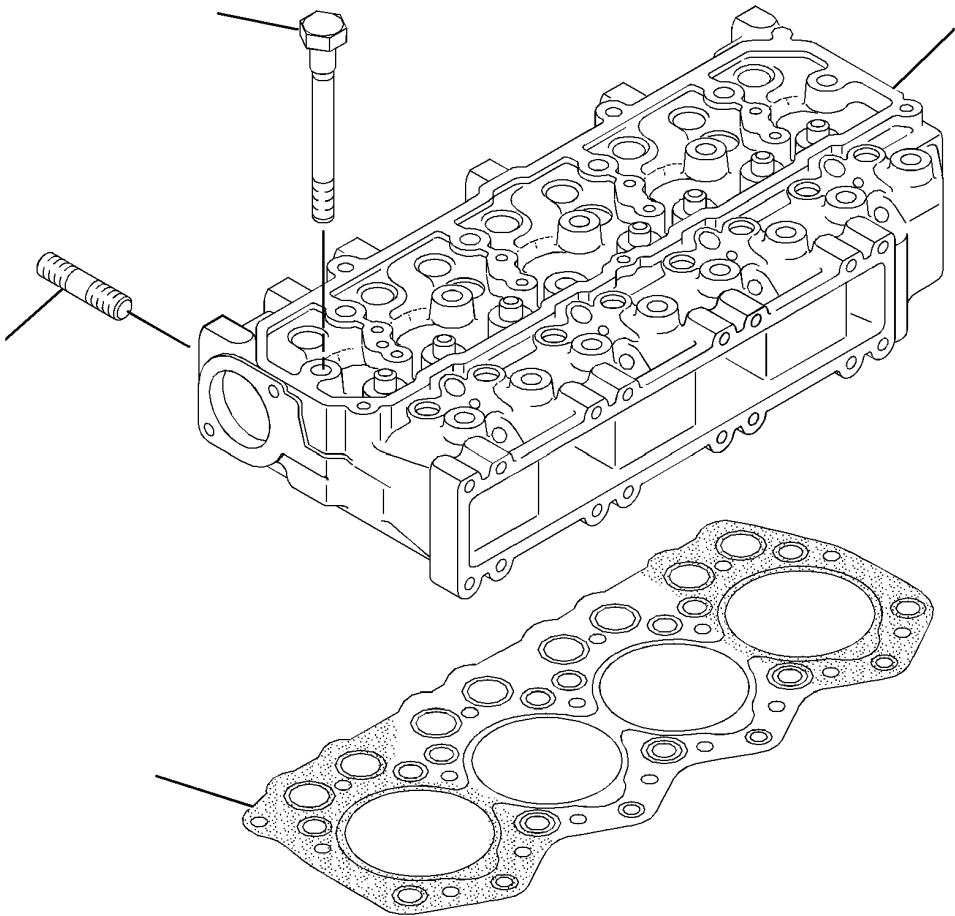


Ref.	Part number	Description	Qty	Code	Group page
1	099-4388	CAP	4		
2	103-9247	GUIDE-VALVE	8		
3	103-9252	SEAT-VALVE	4		
4	103-9253	SEAT-VALVE	4		
5	212-8475	CAP	12		
6	199-2128	CAP	7		

315-7760 CYLINDER HEAD GP

315-7760 CYLINDER HEAD GP S/N CYM1-UP PART OF 287-8075, 319-6807 ENGINE AR-PRIMARY AN ATTACHMENT

Drawing 1 of 1



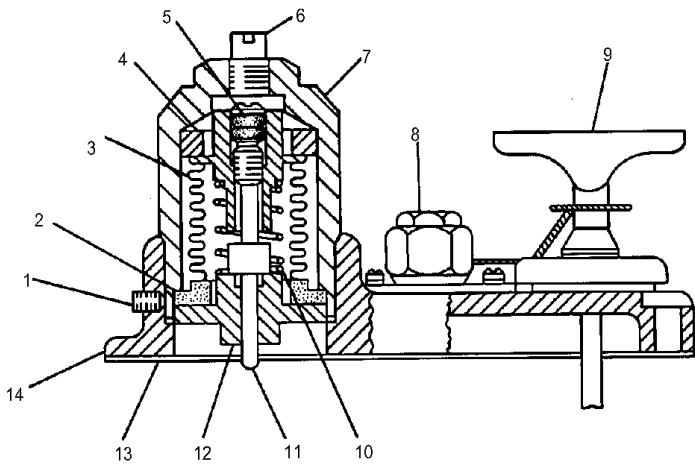
Ref.	Part number	Description	Qty	Code	Group page
1	103-9246	BOLT-CYLINDER HEAD	17		
2	299-4645	GASKET-HEAD	1		
3	319-7262	STUD	1		
4	319-7264	CYLINDER HEAD AS	1	Y	

CAT codes: Y.

258-2452 DRAIN GP-ENGINE OIL

258-2452 DRAIN GP-ENGINE OIL S/N JSP1-UP PART OF 295-7119 INSTALLATION AR-ENGINE Type 1

Drawing 1 of 1



NOTE	REF NO	PART NUMBER	QTY	DESCRIPTION
	1	7L8316	1	SETSCREW
	2	2W0226	1	SEAL
	3	4W2208	1	BELLOWS AS.
	4	4W2209	1	SPACER
	5	2W0221	2	SEAL
	6	9F2247	1	PLUG
	7	4W2207	1	CASE
	8	1W9674	1	CAP

	9	1W9673	1	PLUG AS.
	10	4W2212	1	SPRING
	11	4W2211	1	SCREW
	12	4W2210	1	GUIDE
	13	2W2627	1	GASKET
	14	1W9677	1	COVER AS.

319979

Ref.	Part number	Description	Qty	Code	Group page
1	1P-4278	CLAMP-HOSE	1		
2	8C-3445	CAP-DUST	1		
3	8C-3446	VALVE-SAMPLING (ENGINE OIL)	1		
4	110-2570	CAP (ENGINE OIL)	1		
5	218-0919	ADAPTER	1		
6	8L-2779	SEAL-O-RING	1		
7	5P-1442	HOSE (68-CM)		E	

CAT codes: E.

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