

CATERPILLAR 993K

Z4D / SEBP5791

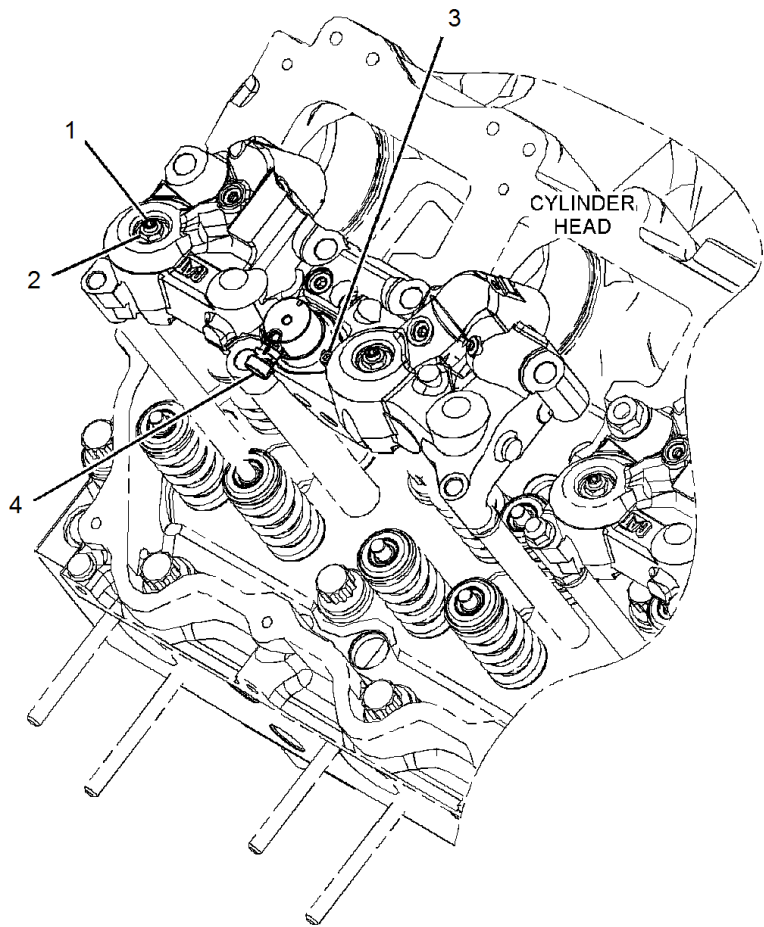
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377-8599 ACTUATOR AS-VALVE

377-8599 ACTUATOR AS-VALVE S/N NHK1-UP 24-VOLT. CAT BRAKE PART OF 379-3929 ACTUATOR GP-VALVE

Drawing 1 of 1

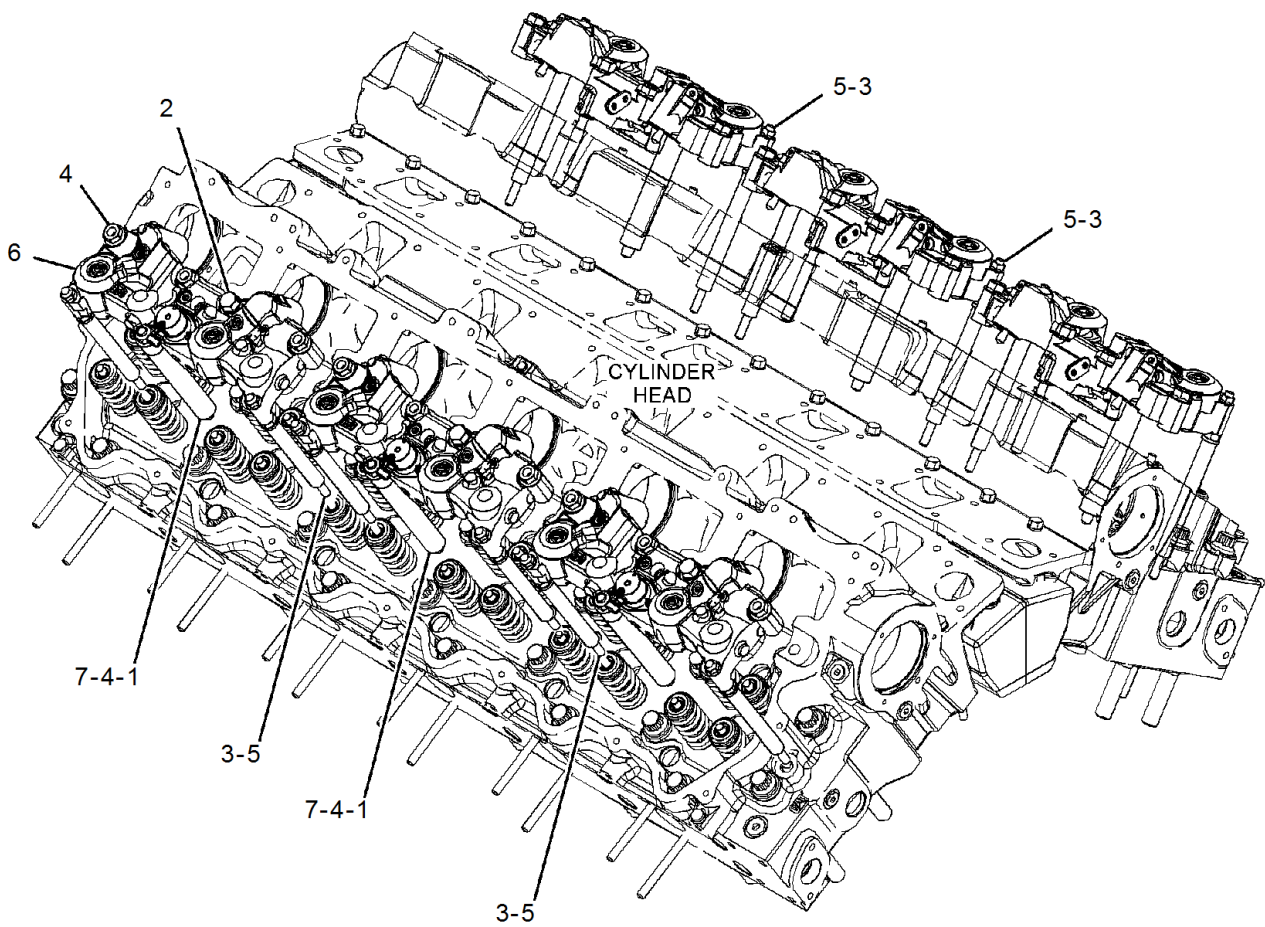


Ref.	Part number	Description	Qty	Code	Group page
1	230-9446	SCREW-ADJUSTMENT	2		
2	230-9447	NUT-JAM (5/16-24-THD)	2		
3	236-5958	BOLT (M5X0.8X10-MM)	2		
4	250-9378	VALVE AS-BRAKE	1		

379-3929 ACTUATOR GP-VALVE

379-3929 ACTUATOR GP-VALVE S/N NHK1-UP PART OF 346-9557 ENGINE AR-CORE

Drawing 1 of 1



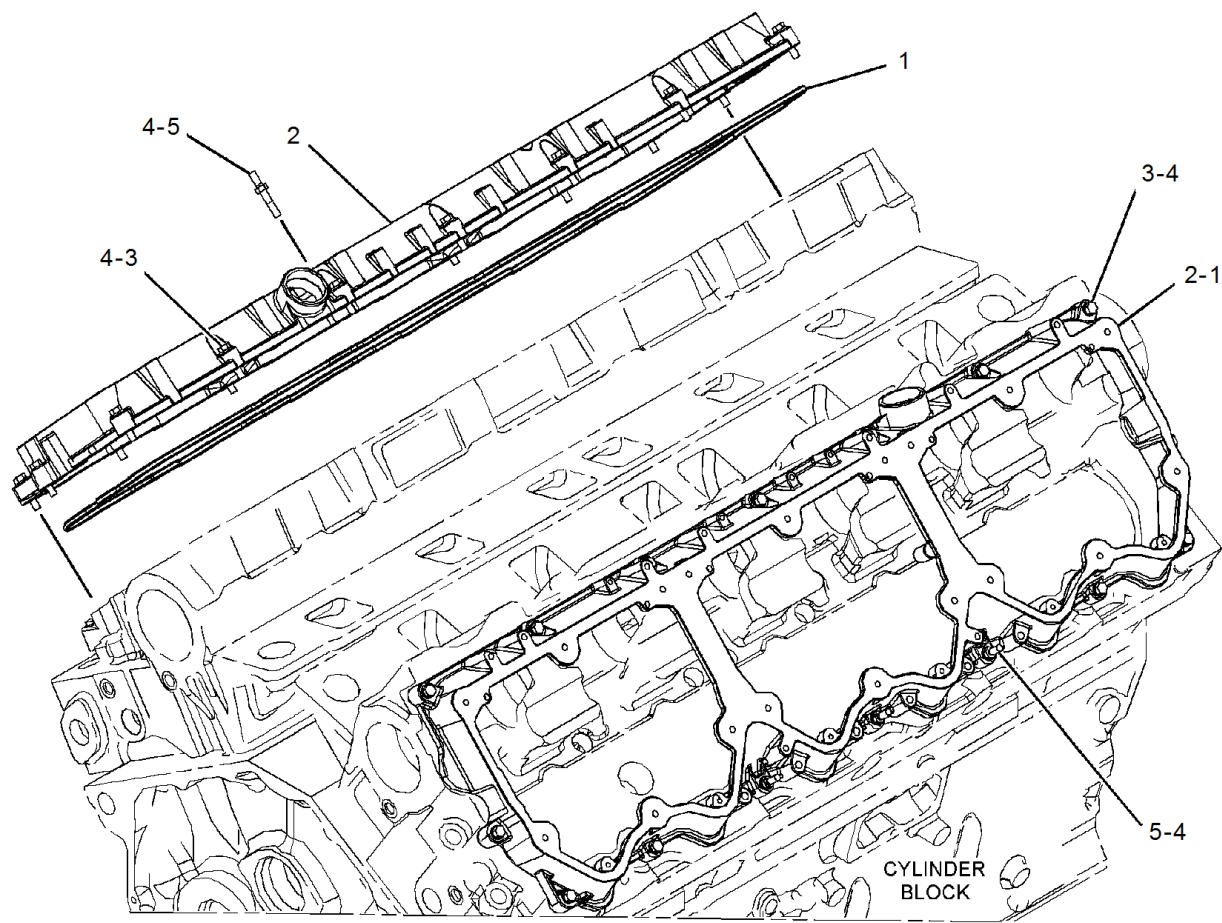
Ref.	Part number	Description	Qty	Code	Group page
1	234-9505	SUPPORT	6		
2	234-9508	BOLT (1/2-13X5.65-IN)	6		
3	235-1088	NUT (3/8-16-THD)	12		
4	235-1089	NUT-FLANGE (1/2-13-THD)	24		
5	282-3731	SPACER AS	12		
6	377-8599	ACTUATOR AS-VALVE	6	Y	
7	8T-7062	STUD-TAPERLOCK (1/2-13X55, 1/2-13X21-MM)	6		

CAT codes: R, Y.

347-4257 BASE GP-VALVE COVER

347-4257 BASE GP-VALVE COVER S/N NHK1-UP PART OF 346-9557, 357-9999 ENGINE AR-CORE

Drawing 1 of 1

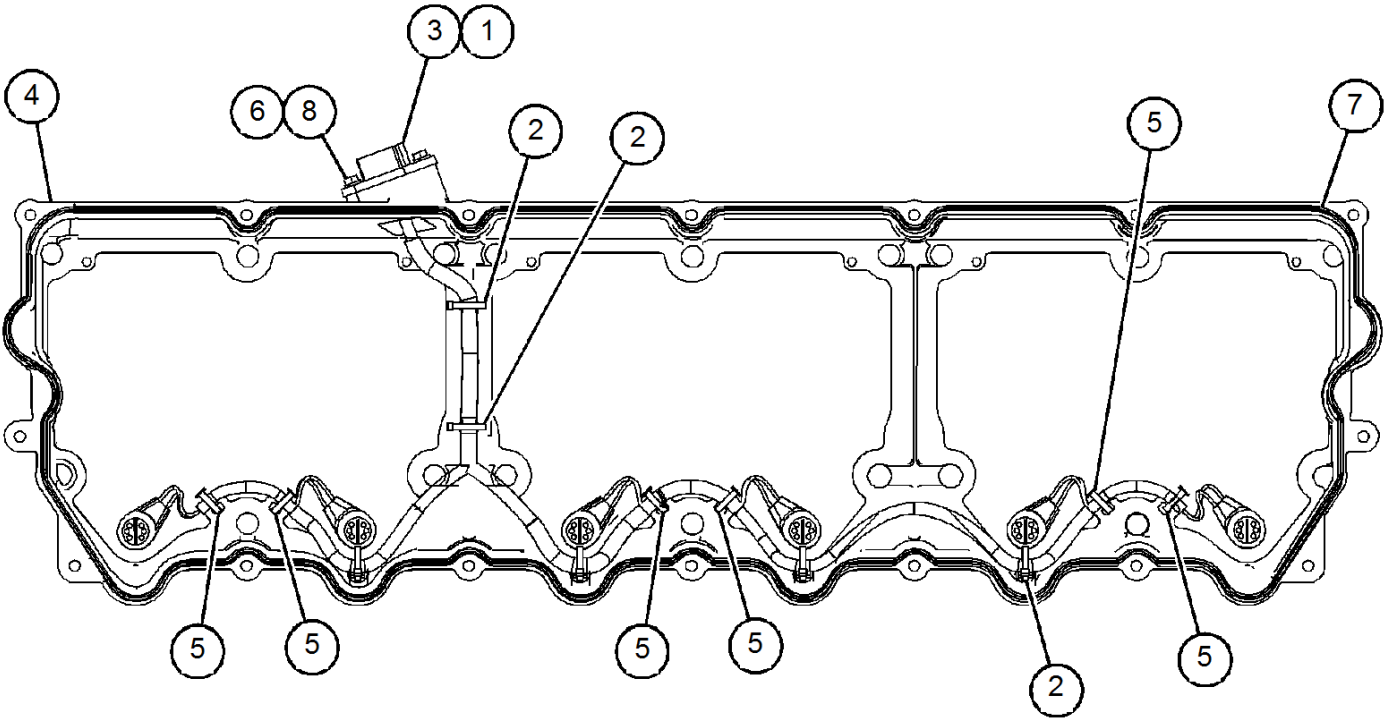


Ref.	Part number	Description	Qty	Code	Group page
1	222-6456	SEAL (VALVE COVER BASE)	2		
2	352-3827	BASE-VALVE COVER	2		
3	1A-9579	BOLT (5/16-18X1.5-IN)	25		
4	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	32		
5	237-3759	STUD (5/16-18X2.36-IN)	7		

226-4927 BASE GP-VALVE COVER & INJ HARN

226-4927 BASE GP-VALVE COVER & INJ HARN S/N Z4D1-UP PART OF 395-3227 BASE GP-VALVE COVER & INJ HARN

Drawing 1 of 1



BOTTOM VIEW OF ENGINE

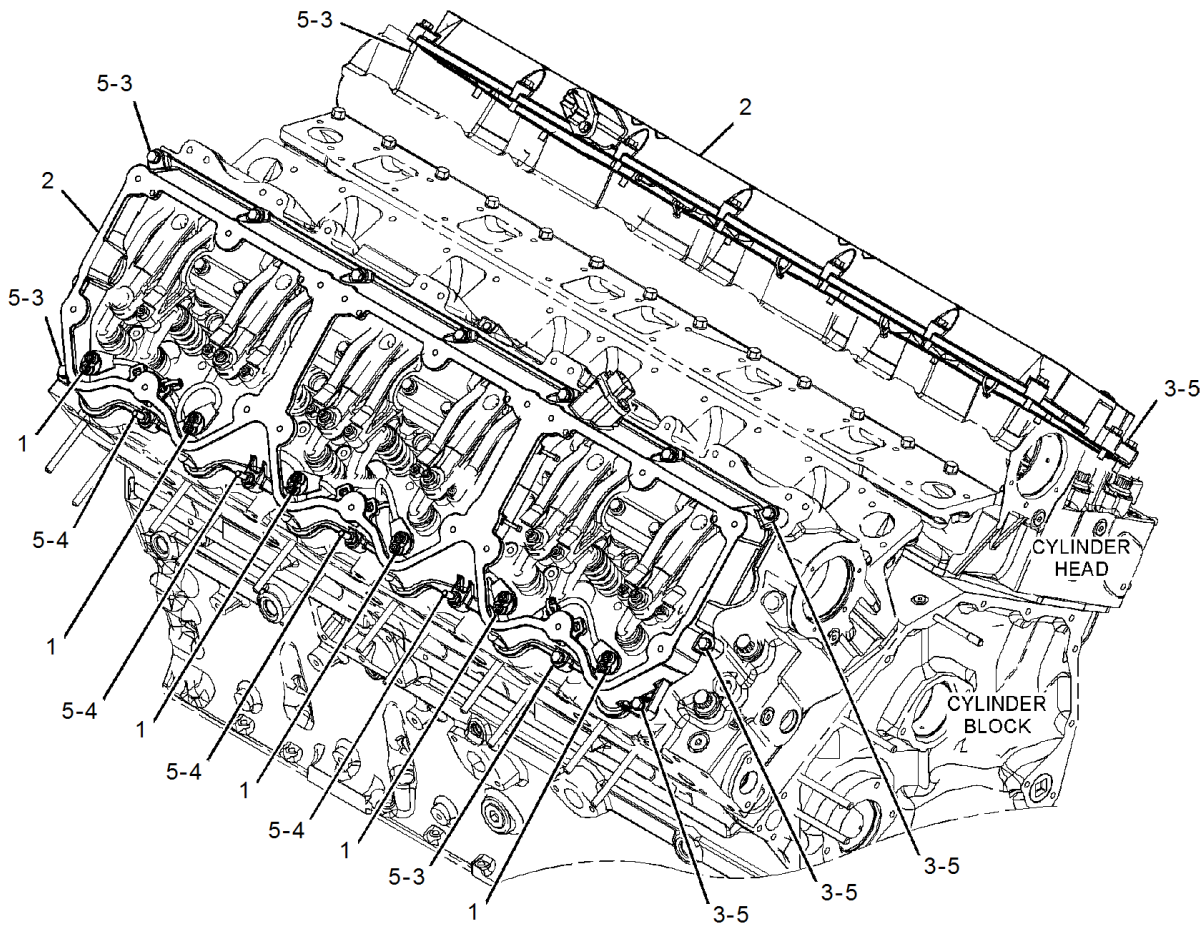
Ref.	Part number	Description	Qty	Code	Group page
1	6V-0128	SEAL-CONNECTOR	1		
2	326-4512	MOUNTING-CABLE TIE	6		
3	435-8538	HARNESS AS-ENGINE (UNIT INJECTOR)	1	CY	
4	442-5727	BASE-VALVE COVER	1		
5	123-3202	STRAP-CABLE	6		
6	1H-3337	BOLT (1/4-20X0.875-IN)	2		
7	222-6456	SEAL (VALVE COVER BASE)	1		
8	8T-4205	WASHER-HARD (7.2X14.5X2-MM THK)	2		

CAT codes: C, Y.

395-3227 BASE GP-VALVE COVER & INJ HARN

395-3227 BASE GP-VALVE COVER & INJ HARN S/N Z4D1-UP PART OF 346-9543 ENGINE AR-CORE FOR USE WITH COMPRESSION BRAKES

Drawing 1 of 1



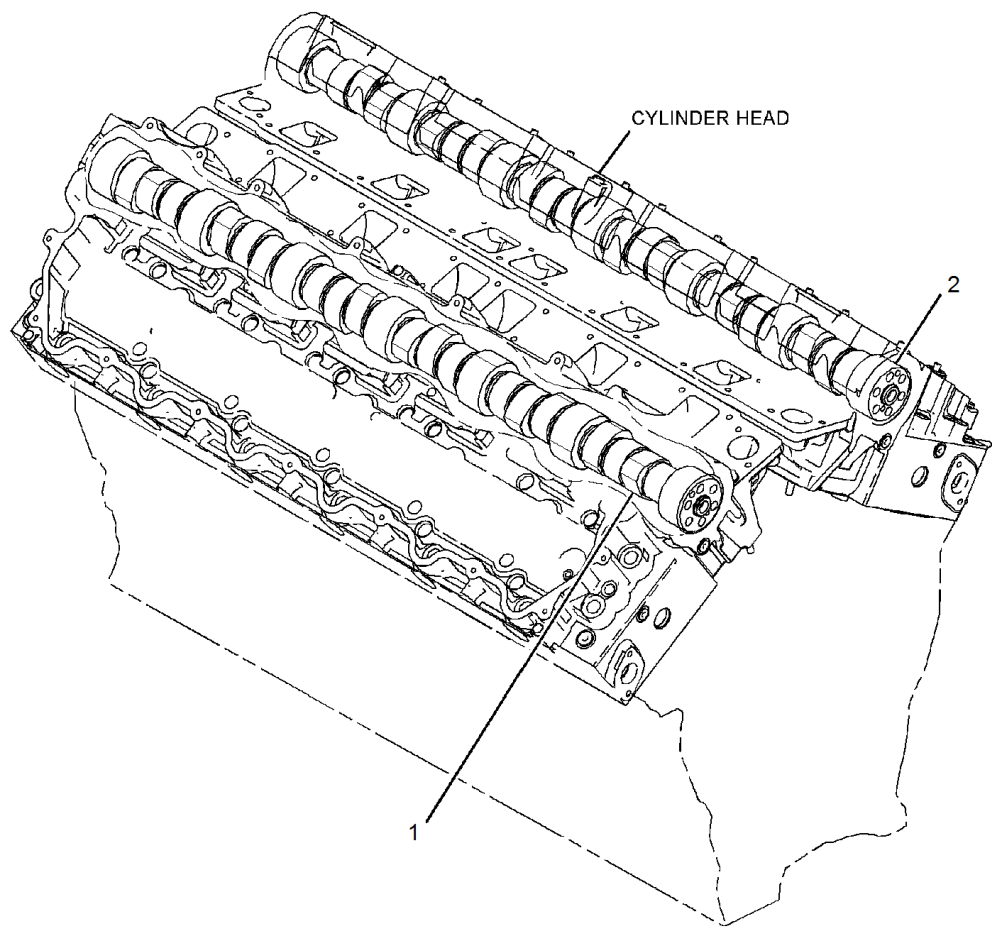
Ref.	Part number	Description	Qty	Code	Group page
1	7E-6508	CAP AS	12		
2	226-4927	BASE GP-VALVE COVER & INJ HARN	2	Y	
3	1A-9579	BOLT (5/16-18X1.5-IN)	24		
4	237-3759	STUD (5/16-18X2.36-IN)	8		
5	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	32		

CAT codes: Y.

260-9307 CAMSHAFT GP

260-9307 CAMSHAFT GP S/N Z4D1-UP PART OF 346-9543 ENGINE AR-CORE

Drawing 1 of 1



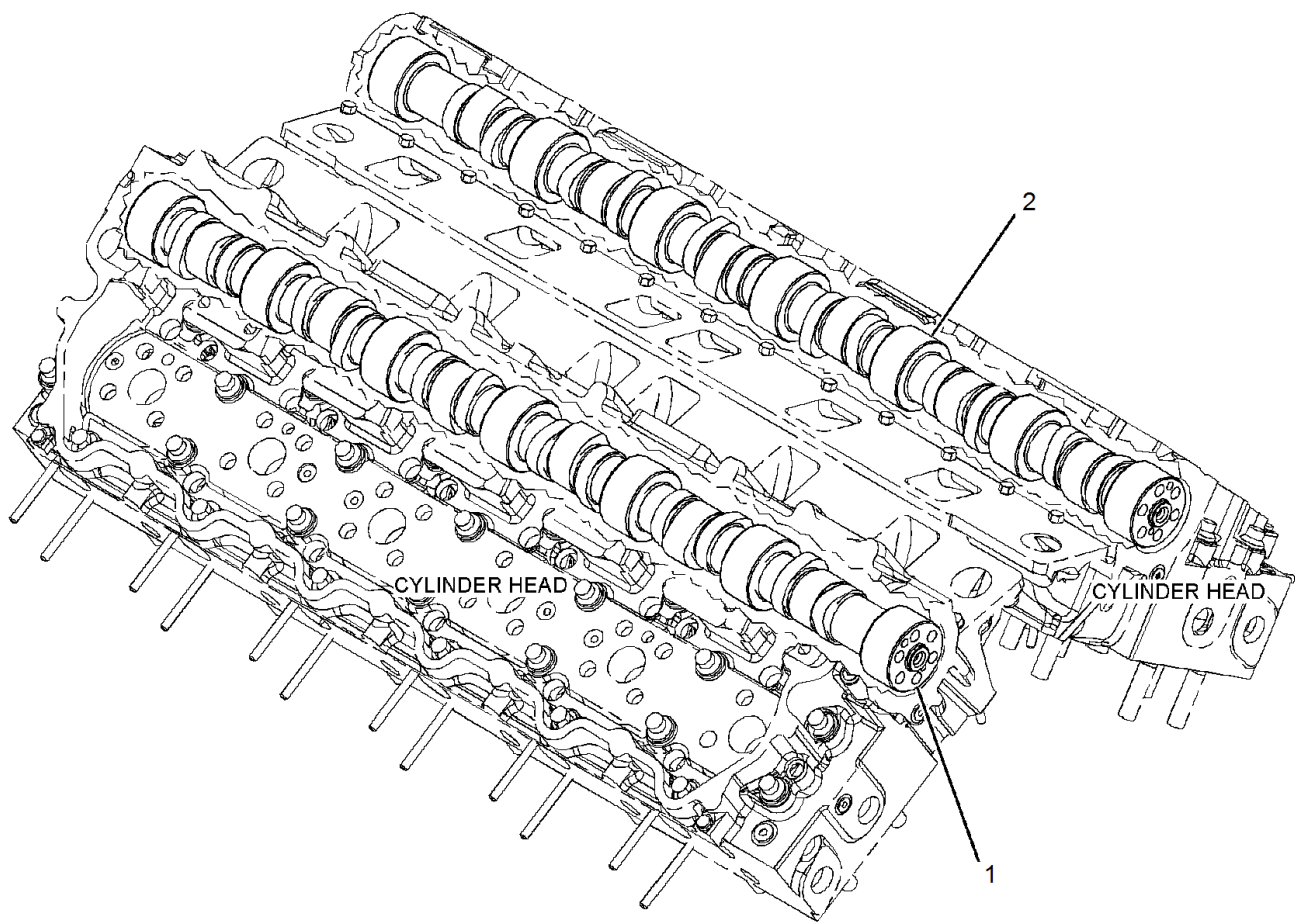
Ref.	Part number	Description	Qty	Code	Group page
1	421-0049	CAMSHAFT (RIGHT BANK)	1		
2	421-0071	CAMSHAFT (LEFT BANK)	1	J	

CAT codes: J, R.

346-9560 CAMSHAFT GP

346-9560 CAMSHAFT GP S/N NHK1-UP PART OF 346-9557, 357-9999 ENGINE AR-CORE

Drawing 1 of 1



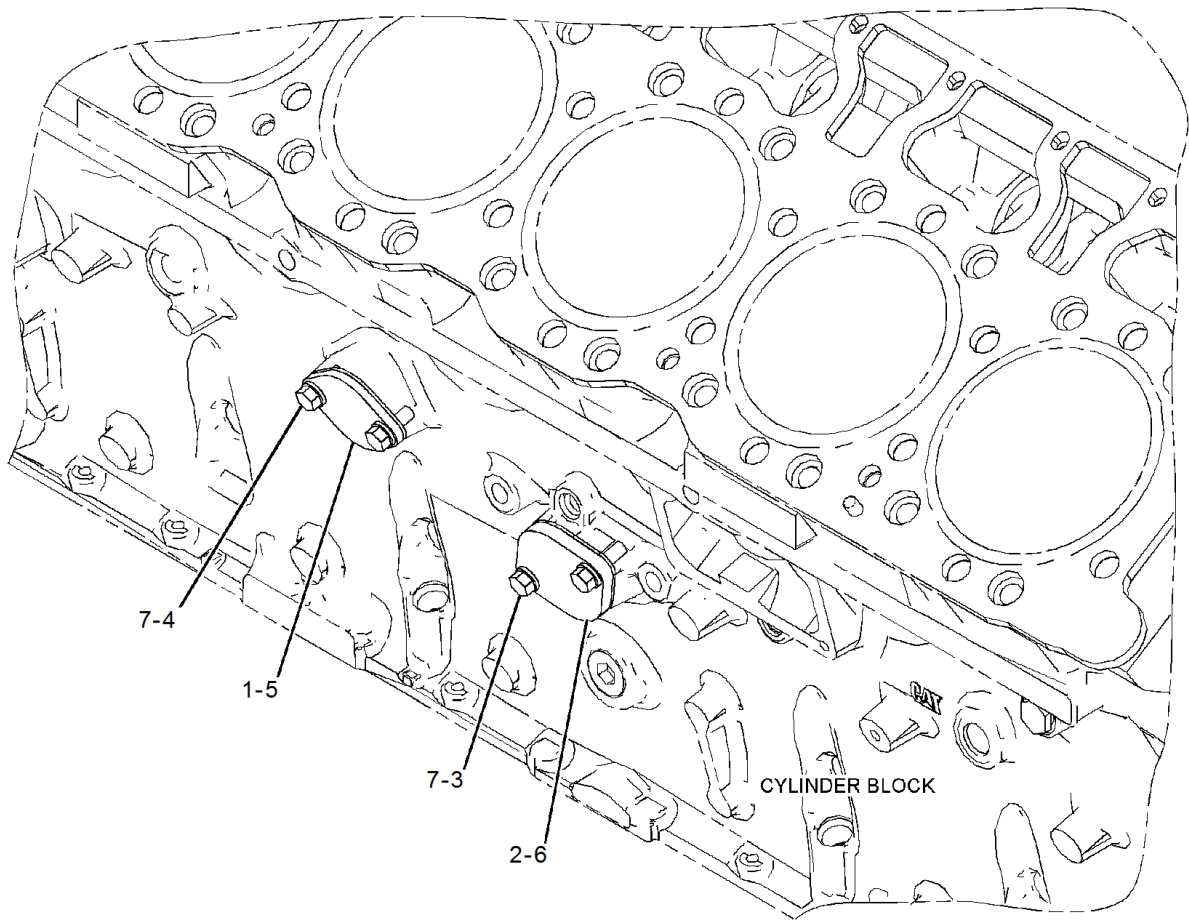
Ref.	Part number	Description	Qty	Code	Group page
1	421-0189	CAMSHAFT (RIGHT BANK)	1		
2	421-0200	CAMSHAFT (LEFT BANK)	1		

CAT codes: R.

347-4107 COVER GP-CYLINDER BLOCK

347-4107 COVER GP-CYLINDER BLOCK S/N NHK1-UP CENTRAL STRUCTURE PART OF 313-3998, 334-8181, 334-8182
ENGINE AR-COMPLETE

Drawing 1 of 1

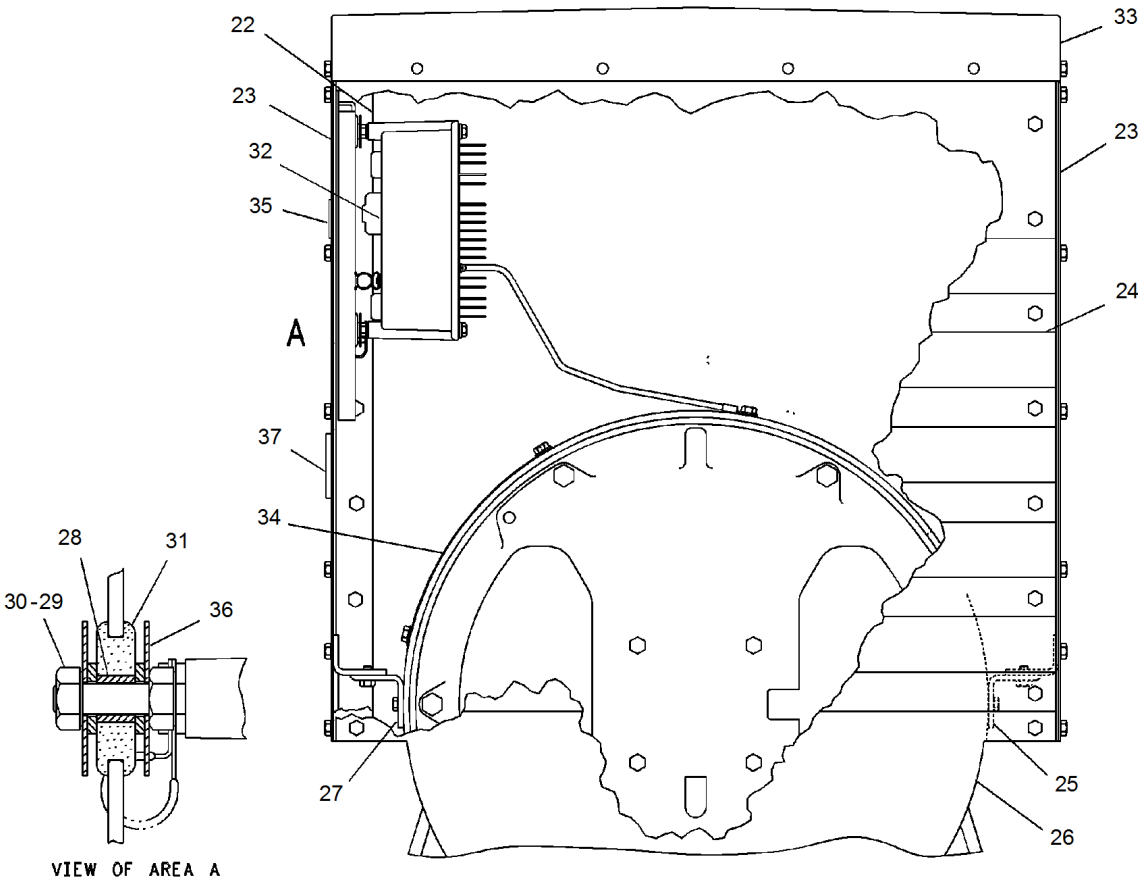


Ref.	Part number	Description	Qty	Code	Group page
1	234-8937	SEAL-INTEGRAL	1		
2	239-5572	SEAL-INTEGRAL	1		
3	0S-1588	BOLT (3/8-16X1.25-IN)	2		
4	0S-1594	BOLT (3/8-16X1-IN)	2		
5	2P-2772	COVER	1		
6	4N-0794	COVER	1		
7	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	4		

347-8300 COVER GP-CYLINDER BLOCK

347-8300 COVER GP-CYLINDER BLOCK S/N Z4D1-UP; NHK1-UP REAR STRUCTURE PART OF 313-3998, 334-8181, 334-8182, 340-2668 ENGINE AR-COMPLETE

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	124-3019	BRACKET AS	1		
	8T-3490	NUT-WELD (M10X1.5-THD)	1	M	
2	227-5538	SEAL-O-RING	1		
3	234-8937	SEAL-INTEGRAL	2		
4	246-9919	COVER	2		
5	273-8703	COVER	1		
6	0S-1585	BOLT (1/2-13X1.5-IN)	8		
7	0S-1594	BOLT (3/8-16X1-IN)	2		
8	0S-1619	BOLT (3/8-16X3-IN)	2		
9	1A-2029	BOLT (3/8-16X1.125-IN)	4		
10	2P-2772	COVER	2		

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Z4D-SEBP5791

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