

CATERPILLAR 517

6PW / SEBP2836

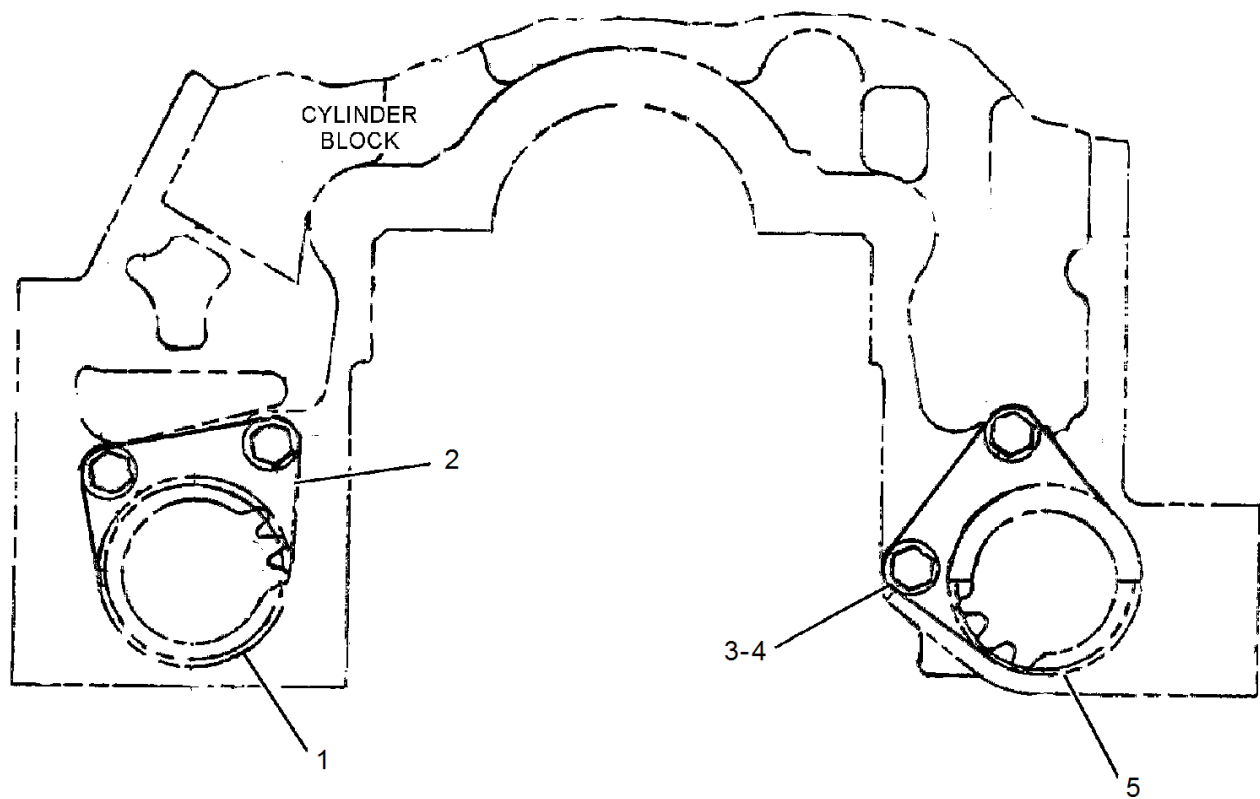
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1W-2872 BALANCER GP

1W-2872 BALANCER GP S/N H4G1-UP; 09Z16710-UP PART OF 138-2296 ENGINE AR

Drawing 1 of 1



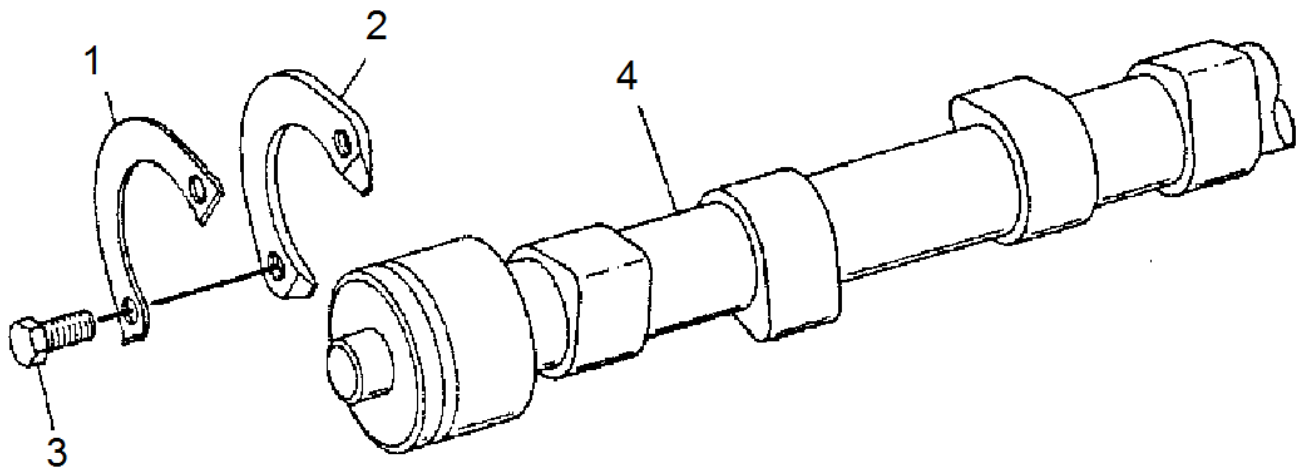
FRONT VIEW OF ENGINE

Ref.	Part number	Description	Qty	Code	Group page
1	486-6738	SHAFT AS (20-TEETH)(RH)	1		
	1B-8707	KEY-WOODRUFF	1		
2	4S-6417	PLATE-THRUST	2		
3	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	4		
4	030-8535	BOLT-LOCKING (3/8-16X0.875-IN)	4		
5	486-6737	SHAFT AS (20-TEETH)(LH)	1		
	1B-8707	KEY-WOODRUFF	1		

1N-4436 CAMSHAFT GP

1N-4436 CAMSHAFT GP S/N H4G1-UP; 09Z16710-UP SINGLE PART OF 138-2296 ENGINE AR

Drawing 1 of 1



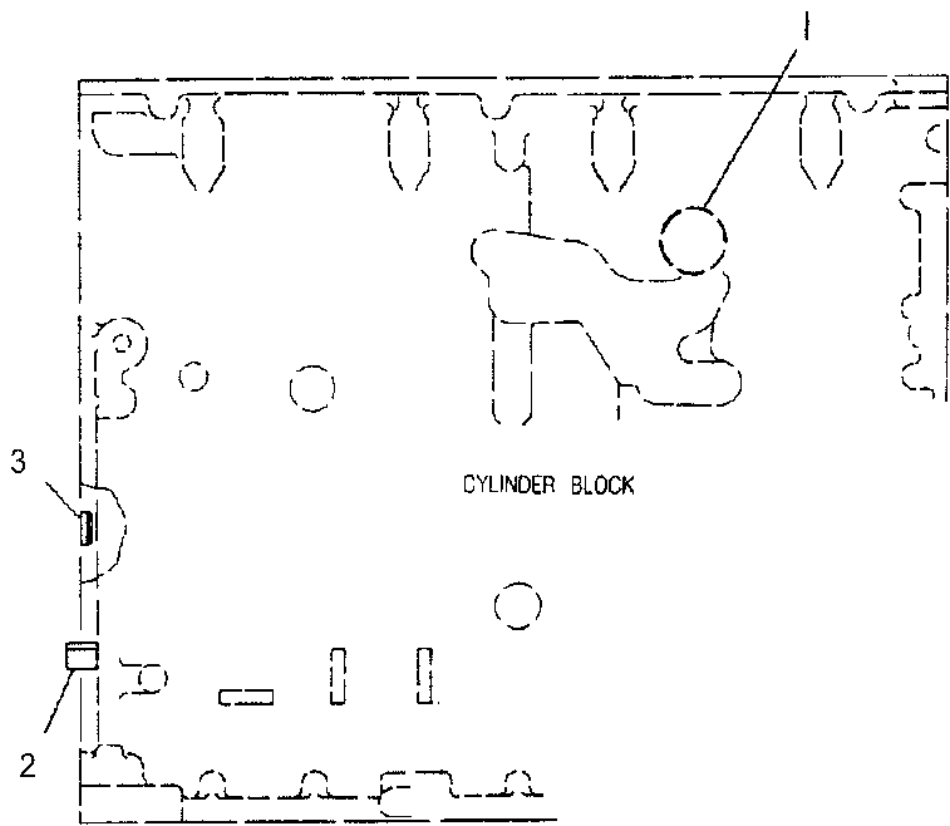
Ref.	Part number	Description	Qty	Code	Group page
1	8S-1491	LOCK	1		
2	7S-2204	WASHER-THRUST	1		
3	0S-0509	BOLT (3/8-16X0.75-IN)	2		
4	7C-3862	CAMSHAFT	1		

CAT codes: R.

2W-0102 COVER GP-CYLINDER BLOCK

2W-0102 COVER GP-CYLINDER BLOCK S/N H4G1-UP; 09Z16710-UP PART OF 138-2296 ENGINE AR

Drawing 1 of 1

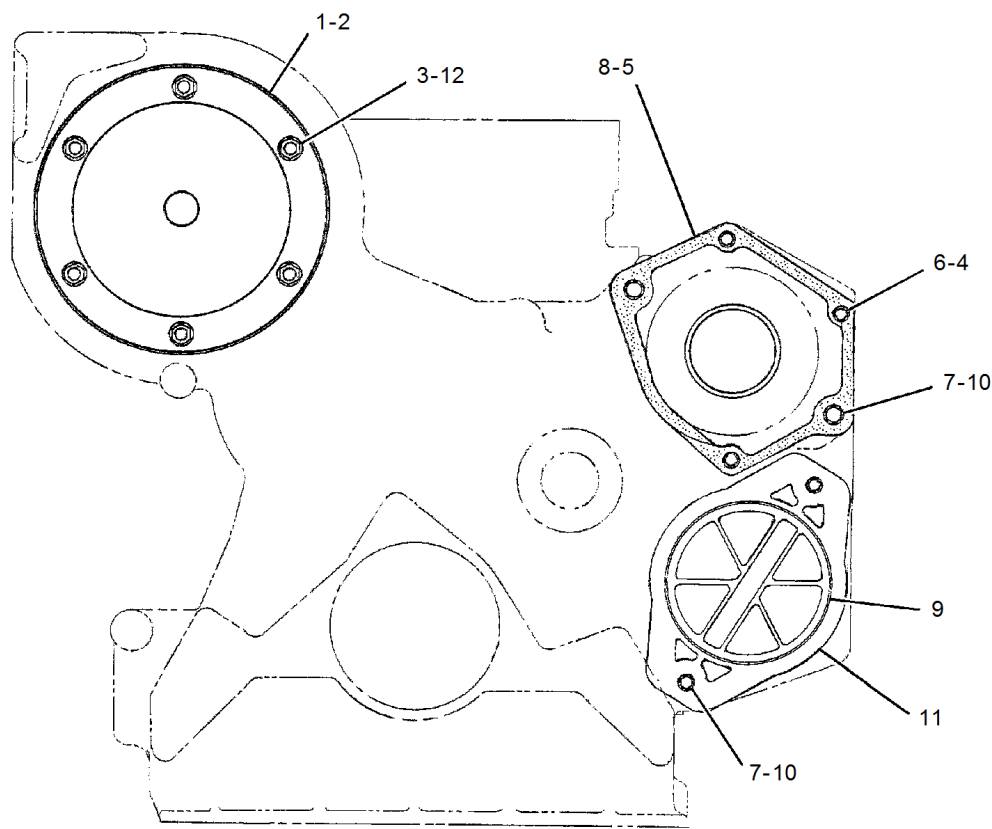


Ref.	Part number	Description	Qty	Code	Group page
1	9L-7657	PLUG-CUP	1		
2	2A-3798	DOWEL	2		
3	4B-3938	PLUG-CUP	1		

2P-6528 COVER GP-FRONT HOUSING

2P-6528 COVER GP-FRONT HOUSING S/N H4G1-UP; 09Z16710-UP PART OF 138-2296 ENGINE AR

Drawing 1 of 1



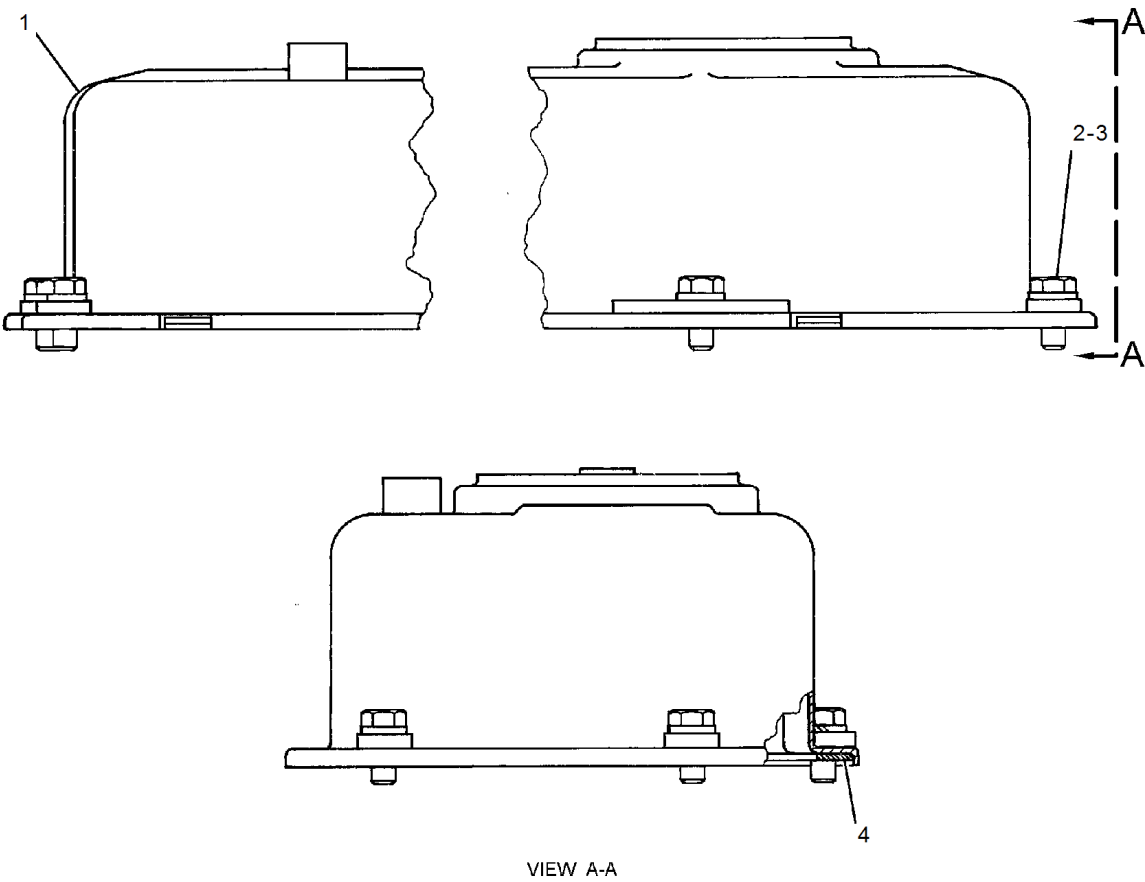
FRONT VIEW OF ENGINE

Ref.	Part number	Description	Qty	Code	Group page
1	9N-5769	COVER-HOUSING	1		
2	6N-7887	GASKET-HOUSING COVER	1		
3	3S-2713	NUT-FULL (3/8-24-THD)	6		
4	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	3		
5	1W-4542	COVER-WATER PUMP	1		
6	3B-1915	BOLT (3/8-16X1.375-IN)	3		
7	0S-1566	BOLT (5/8-11X1.5-IN)	4		
8	2P-0220	GASKET-PUMP	1		
9	5F-3106	SEAL-O-RING	1		
10	5P-8247	WASHER-HARD (17X32X3.5-MM THK)	4		
11	7N-8374	COVER-PUMP	1		
12	8M-9024	WASHER-HARD (10.2X22.5X5-MM THK)	6		

8N-4446 COVER GP-VALVE MECHANISM

8N-4446 COVER GP-VALVE MECHANISM S/N H4G1-UP; 09Z16710-UP PART OF 138-2296 ENGINE AR

Drawing 1 of 1

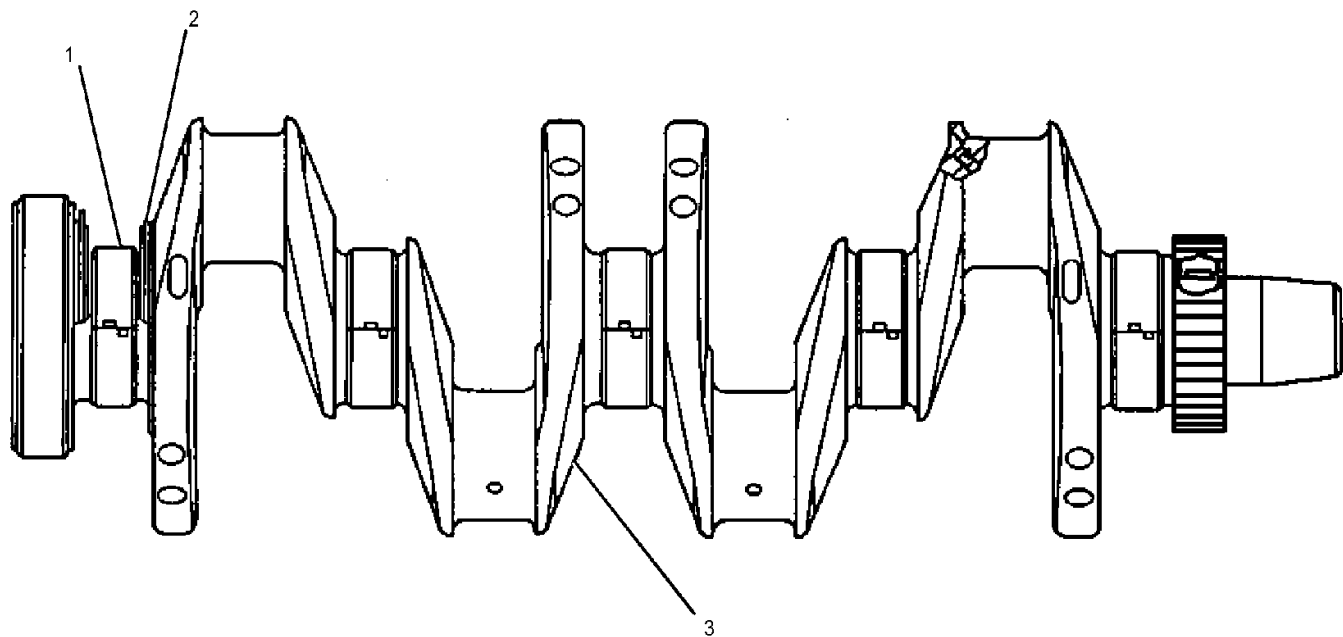


Ref.	Part number	Description	Qty	Code	Group page
1	2W-1084	COVER AS-CYLINDER HEAD	1		
	8S-0801	NUT-WELD	1		
	7S-5913	REINFORCEMENT (VALVE COVER)	7		
2	0S-1617	BOLT (5/16-18X0.75-IN)(VALVE MECHANISM)	11		
3	3B-4505	LOCKWASHER (8.1X15.4X2-MM THK)	11		
4	8S-1606	GASKET-COVER (VALVE MECHANISM)	1		

6N-8080 CRANKSHAFT GP

6N-8080 CRANKSHAFT GP S/N H4G1-UP; 09Z16710-UP PART OF 138-2296 ENGINE AR

Drawing 1 of 1



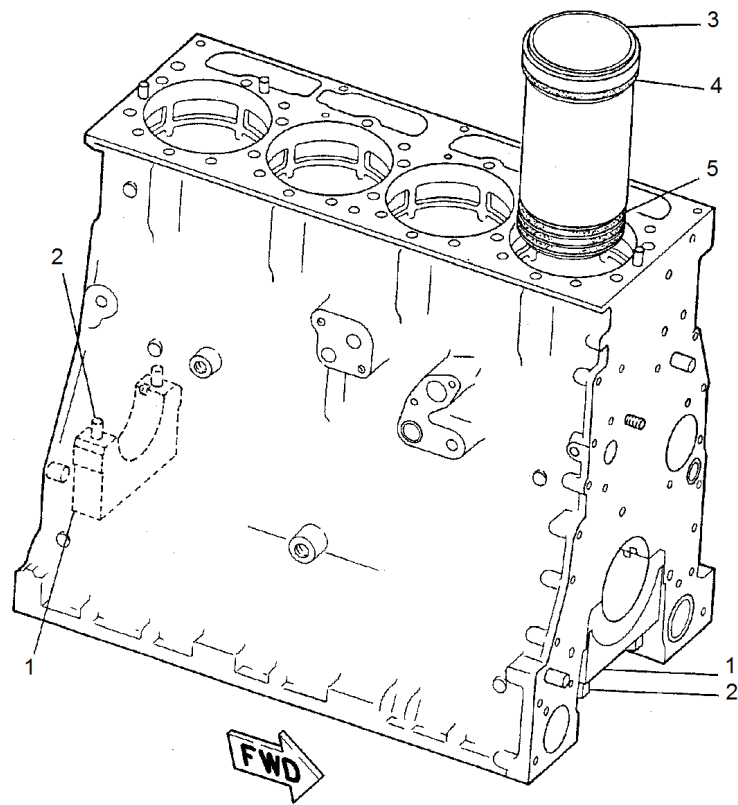
Ref.	Part number	Description	Qty	Code	Group page
1	232-3233	BEARING-MAIN (STANDARD)	5		
	8N-8225	BEARING-MAIN (0.25-MM US)		AB	
	8N-8226	BEARING-MAIN (0.51-MM US)		AB	
	8N-8227	BEARING-MAIN (0.76-MM US)		AB	
	8N-8228	BEARING-MAIN (0.51-MM OS)		AB	
	8N-8229	BEARING-MAIN (0.25-MM US, 0.51-MM OS)(0.25-MM US, 0.51-MM OS)		AB	
	4P-7305	BEARING-MAIN (0.51-MM OS, 0.51-MM US)		AB	
	4P-7306	BEARING-MAIN (0.51-MM OS, 0.76-MM US)		AB	
2	100-3652	PLATE-THRUST	2		
3	337-0872	CRANKSHAFT AS	1	C	
	1W-4405	GEAR-CRANKSHAFT (40-TEETH)	1		
	5H-2671	KEY-WOODRUFF	1		
	8T-6757	PLUG-PIPE	4		
AVAILABLE REPAIR KIT(S):					
	196-9532	KIT-BASIC ENGINE REPAIR (STANDARD MAIN BEARINGS)		A	
(INCLUDES A COMPLETE SET OF STANDARD MAIN BEARINGS & THRUST PLATES)					

CAT codes: A, B, C, R.

7N-6552 CYLINDER BLOCK AS

7N-6552 CYLINDER BLOCK AS S/N H4G1-UP; 09Z16710-UP PART OF 7N-6553 CYLINDER BLOCK GP FIELD
REPLACEMENT ORDER 1N-3574, 6N-7725 KIT-CYLINDER BLOCK

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	6N-8003	CAP-CRANKSHAFT BEARING	5		
2	7S-3224	BOLT (5/8-11X5.25-IN)	10		
	2S-5658	WASHER-HARD (17X29X3-MM THK)	10		
3	371-5941	LINER-CYLINDER	4		
4	2W-6134	BAND-FILLER	4		
5	456-5581	SEAL-O-RING	12		
	104-5512	INSERT-LINER SEAT (0.822-MM THK)		ABF	
	104-5513	INSERT-LINER SEAT (0.872-MM THK)		ABF	
	104-5511	INSERT-LINER SEAT (0.772-MM THK)		ABF	
	104-5518	INSERT-LINER SEAT (1.605-MM THK)		ABF	
	104-5515	INSERT-LINER SEAT (1.555-MM THK)		ABF	
	104-5522	INSERT-LINER SEAT (1.655-MM THK)		ABF	
	104-5527	INSERT-LINER SEAT (2.71-MM THK)		ABF	
	104-5528	INSERT-LINER SEAT (2.76-MM THK)		ABF	

7N-6552 CYLINDER BLOCK AS (continued)

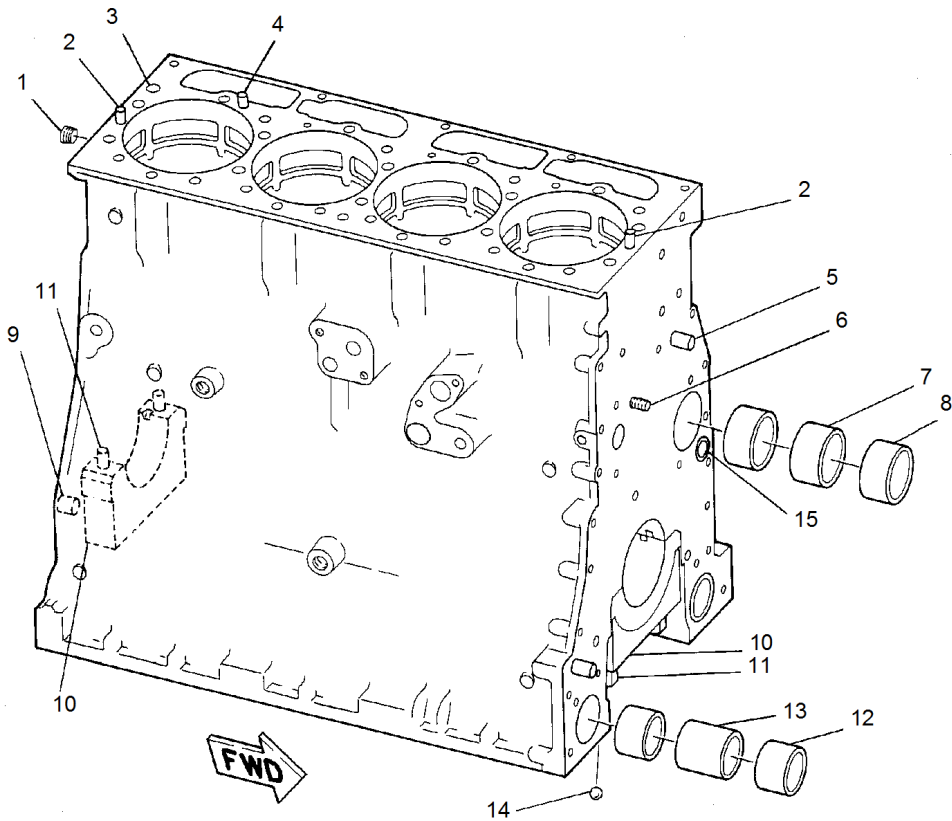
Ref.	Part number	Description	Qty	Code	Group page
	104-5526	INSERT-LINER SEAT (2.66-MM THK)		ABF	
	104-5530	INSERT-LINER SEAT (5.21-MM THK)		ABF	
	104-5529	INSERT-LINER SEAT (5.16-MM THK)		ABF	
	104-5531	INSERT-LINER SEAT (5.26-MM THK)		ABF	
	8S-6045	SHIM (0.007-MM THK)(CYLINDER LINER)		ABF	
	8S-6046	SHIM (0.008-MM THK)(CYLINDER LINER)		ABF	
	8S-6047	SHIM (0.009-MM THK)(CYLINDER LINER)		ABF	
	8S-6048	SHIM (0.015-MM THK)(CYLINDER LINER)		ABF	
	8S-6049	SHIM (0.029-MM THK)(CYLINDER LINER)		ABF	

CAT codes: A, B, F.

1N-3574 CYLINDER BLOCK GP

1N-3574 CYLINDER BLOCK GP S/N H4G1-UP; 09Z16710-UP FIELD REPLACEMENT FOR 7N-6552

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	3J-6019	PLUG	1	C	
2	8K-1207	DOWEL	2		
3	5B-7652	DOWEL	2		
4	1S-9540	DOWEL	1		
5	8B-6349	DOWEL (15.88MMX34.92MM)	2		
6	5S-8462	STUD	1		
7	7M-4046	BUSHING	2		
8	8N-4110	BUSHING	1		
9	2A-3798	DOWEL	2		
10	6N-8003	CAP-CRANKSHAFT BEARING	5		
11	7S-3224	BOLT (5/8-11X5.25-IN)	10		
	2S-5658	WASHER-HARD (17X29X3-MM THK)	10		
12	9Y-2991	BUSHING	4		

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