

CATERPILLAR D6R

8LN / SEBP2618

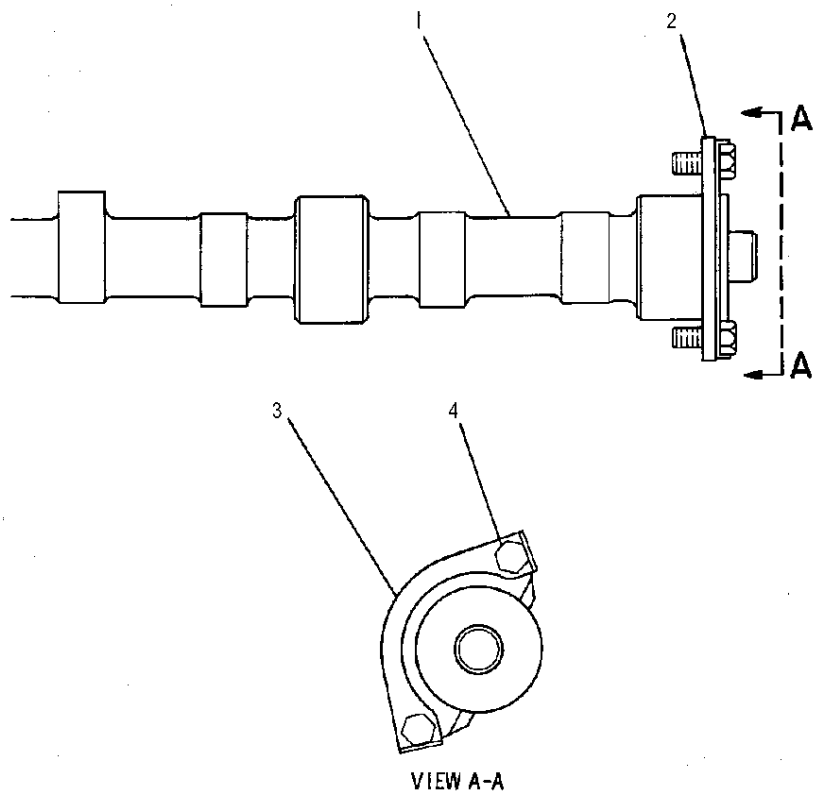
Contents

Section	Page
Basic engine	2
Lubrication system	
Cooling system	
Fuel system	
Fuel system	
Basic engine	
Power train	
Electrical and electronics	
Power train	
Fuel system	
Undercarriage	
Hydraulic system	
Hydraulic system	
Labels, kits and diagnostics	
Hydraulic system	
Catalog items	
Basic engine	

1N-4406 CAMSHAFT GP

1N-4406 CAMSHAFT GP S/N 6NC1-UP; R6J1-UP; 08Z93150-99999 SINGLE PART OF 108-1078 ENGINE AR

Drawing 1 of 1



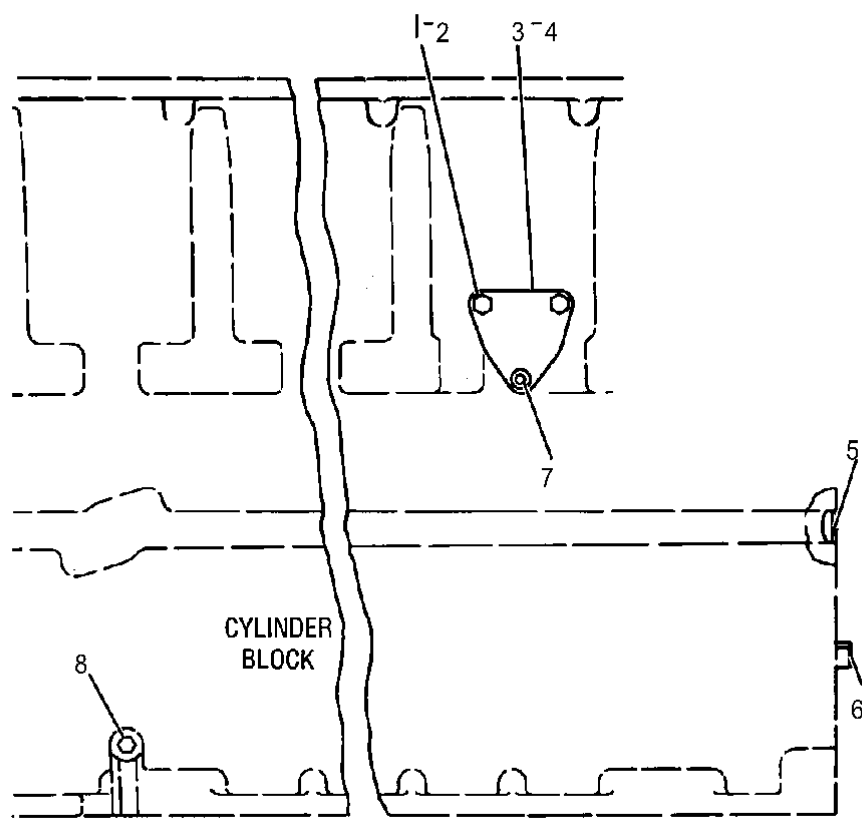
Ref.	Part number	Description	Qty	Code	Group page
1	7E-9980	CAMSHAFT	1		
2	7S-2204	WASHER-THRUST	1		
3	8S-1491	LOCK	1		
4	0S-0509	BOLT (3/8-16X0.75-IN)	2		

CAT codes: R.

7N-1342 COVER GP-CYLINDER BLOCK

7N-1342 COVER GP-CYLINDER BLOCK S/N 6NC1-UP; R6J1-UP; 08Z93150-99999 PART OF 108-1078 ENGINE AR

Drawing 1 of 1



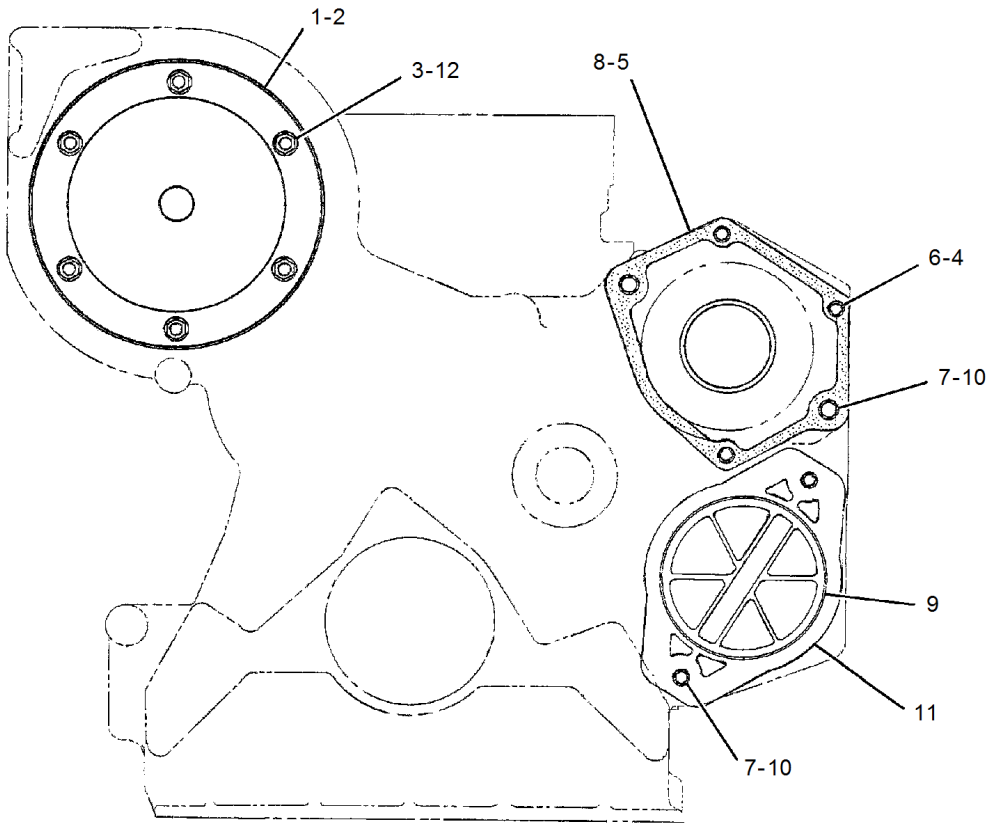
Ref.	Part number	Description	Qty	Code	Group page
1	0L-1351	BOLT (3/8-16X0.875-IN)	2	B	
2	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	2	B	
3	8L-8662	COVER	1	B	
4	5S-8055	GASKET	1	B	
5	4B-3938	PLUG-CUP	1		
6	2A-3798	DOWEL	2		
7	8M-3267	SCREW-HEX SOCKET (3/8-16X0.75-IN)	1	B	
8	8T-6764	PLUG-PIPE (1/8-27-THD)	1	B	

CAT codes: B.

2P-6528 COVER GP-FRONT HOUSING

2P-6528 COVER GP-FRONT HOUSING S/N 6NC1-UP; R6J1-UP; 08Z93150-99999 PART OF 108-1078 ENGINE AR

Drawing 1 of 1



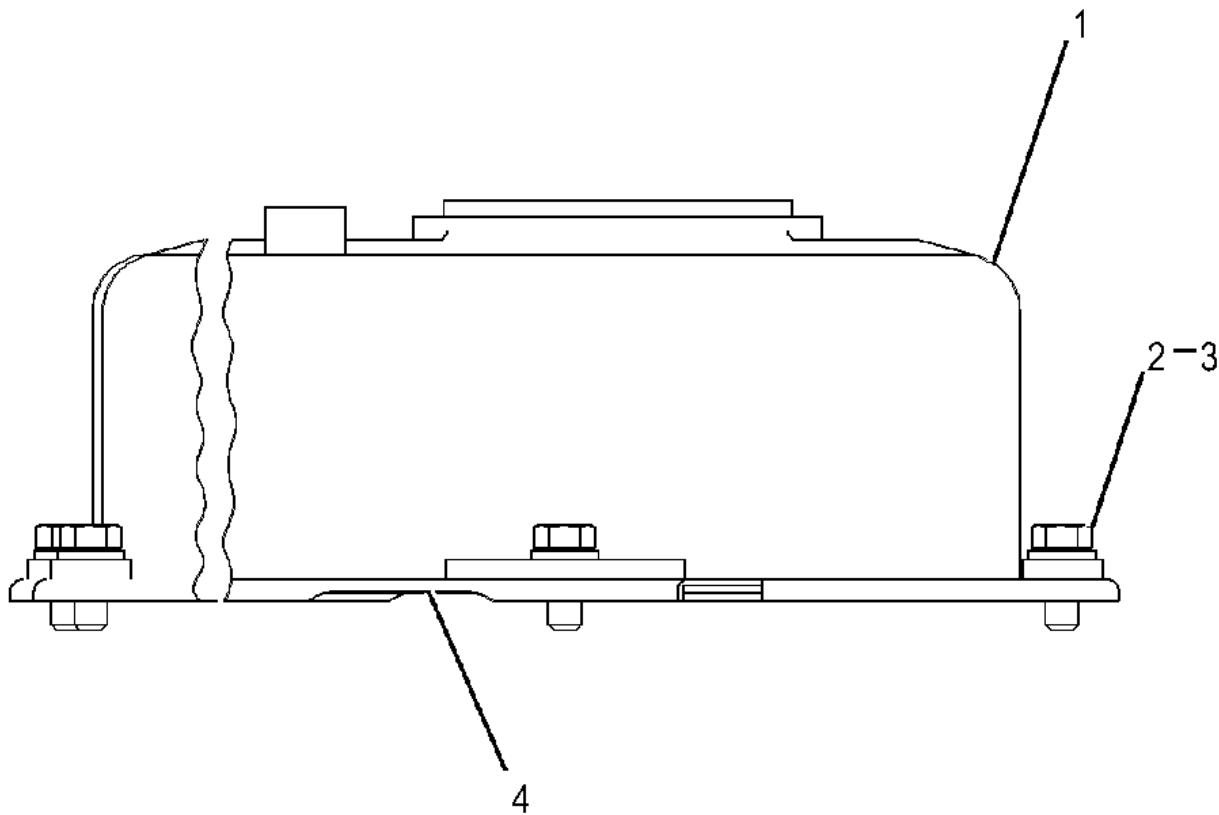
FRONT VIEW OF ENGINE

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-4745 COVER GP-VALVE MECHANISM

8N-4745 COVER GP-VALVE MECHANISM S/N 6NC1-UP; R6J1-UP; 08Z93150-99999 PART OF 108-1078 ENGINE AR

Drawing 1 of 1

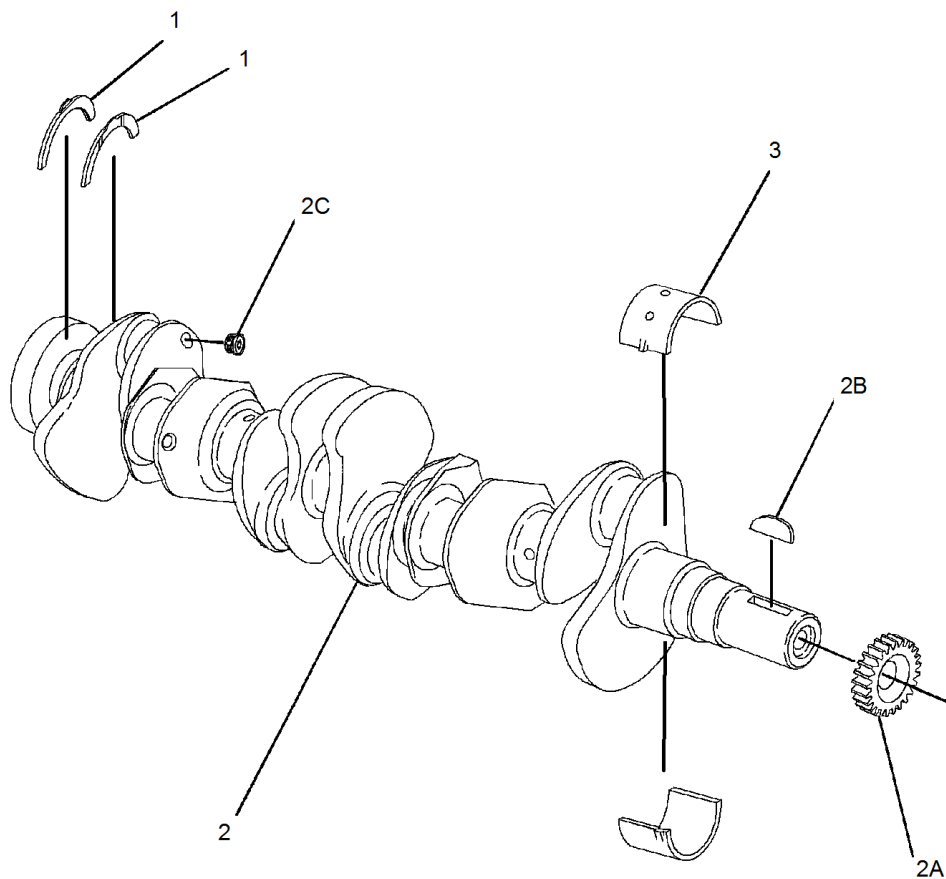


Ref.	Part number	Description	Qty	Code	Group page
1	2W-1086	COVER AS-CYLINDER HEAD	1		
2	0S-1617	BOLT (5/16-18X0.75-IN)	15		
3	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	15		
4	133-1247	SEAL-VALVE COVER	1		

4P-9856 CRANKSHAFT GP

4P-9856 CRANKSHAFT GP S/N 6NC1-UP; R6J1-UP; 08Z93150-99999 PART OF 108-1078 ENGINE AR

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	100-3652	PLATE-THRUST	2	J	
2	344-2603	CRANKSHAFT AS	1		
2A	4P-7827	GEAR-CRANKSHAFT (33-TEETH)	1		
2B	5H-2671	KEY-WOODRUFF	1		
2C	8T-6757	PLUG-PIPE	6		
3	232-3233	BEARING-MAIN (STANDARD)	7	J	
	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)		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	

4P-9856 CRANKSHAFT GP (continued)

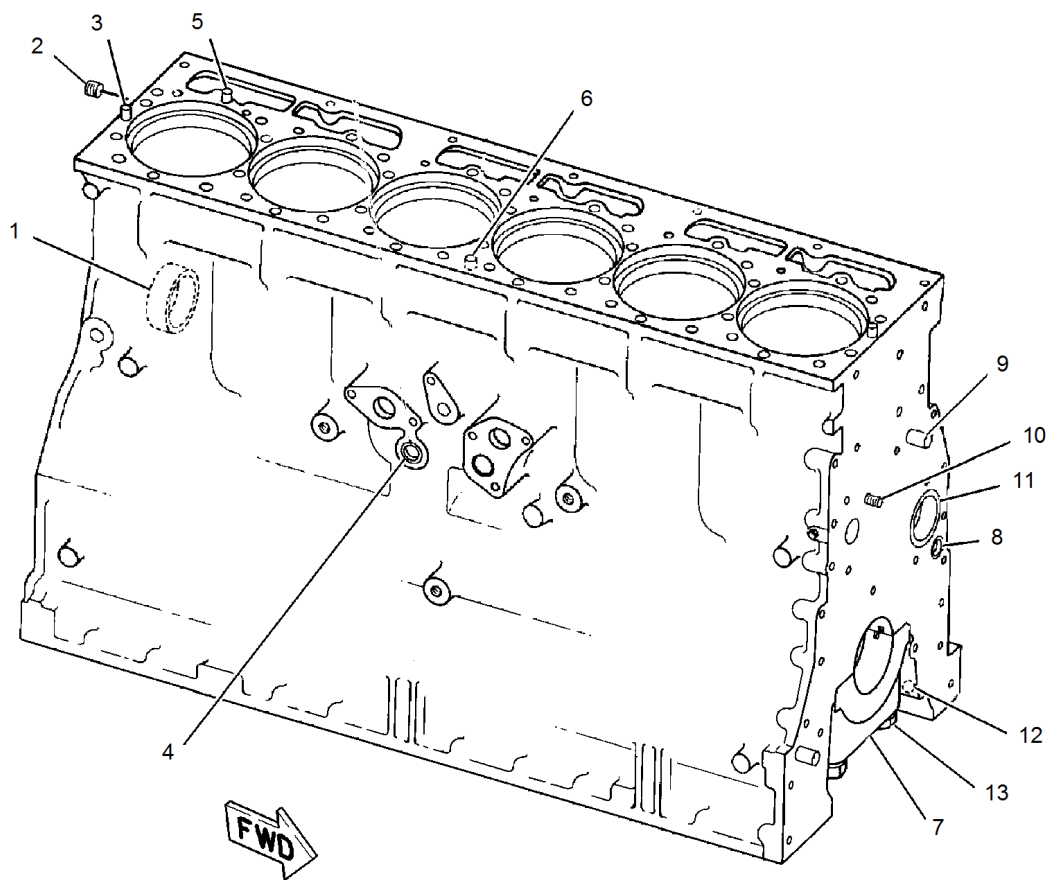
Ref.	Part number	Description	Qty.	Code	Group page
AVAILABLE REPLACEMENT PART(S):					
	196-9534	KIT-BASIC ENGINE REPAIR (MAIN BEARING)		AJ	
(INCLUDES STANDARD BEARINGS & THRUST PLATES)					

CAT codes: A, B, J, R.

1N-3576 CYLINDER BLOCK GP

1N-3576 CYLINDER BLOCK GP S/N 6NC1-UP; 08Z93150-99999 FIELD REPLACEMENT FOR 7N-6550

Drawing 1 of 1

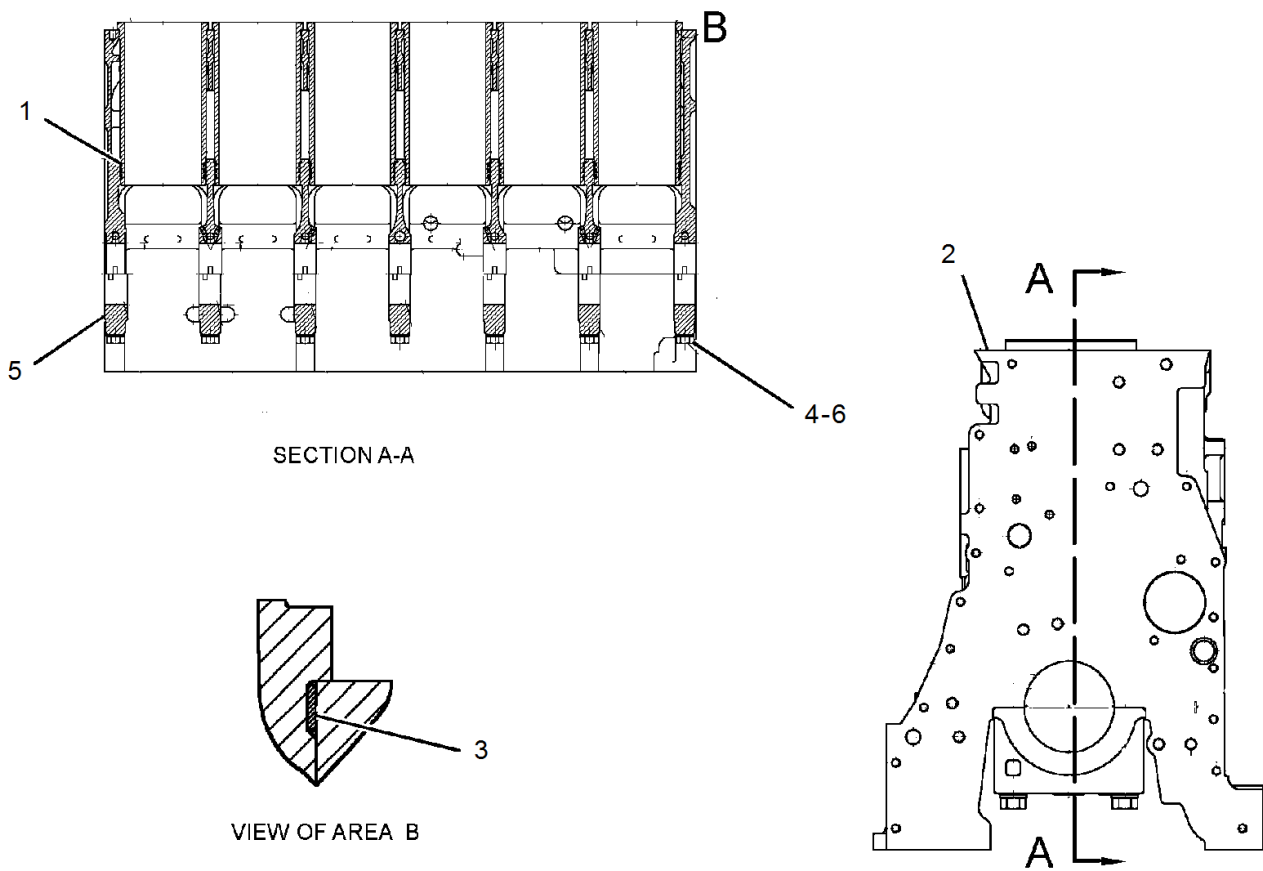


Ref.	Part number	Description	Qty	Code	Group page
1	7M-4046	BUSHING	4		
2	3J-6019	PLUG	1		
3	8K-1207	DOWEL	2		
4	4B-5387	PLUG-CUP	1		
5	1S-9540	DOWEL	1		
6	5B-7652	DOWEL	2		
7	6N-8003	CAP-CRANKSHAFT BEARING	7		
8	4B-3938	PLUG-CUP	1		
9	8B-6349	DOWEL	2		
10	5S-8462	STUD	1		
11	8N-4110	BUSHING	1		
12	4B-9782	BALL	1		
13	7S-3224	BOLT (5/8-11X5.25-IN)	14		
	2S-5658	WASHER-HARD (17X29X3-MM THK)	14		

7N-6550 CYLINDER BLOCK GP

7N-6550 CYLINDER BLOCK GP S/N 6NC1-UP; R6J1-UP; 08Z93150-99999 PART OF 8N-5286 CYLINDER BLOCK GP FIELD REPLACEMENT ORDER 1N-3576, 6N-7727 KIT-CYLINDER BLOCK

Drawing 1 of 1



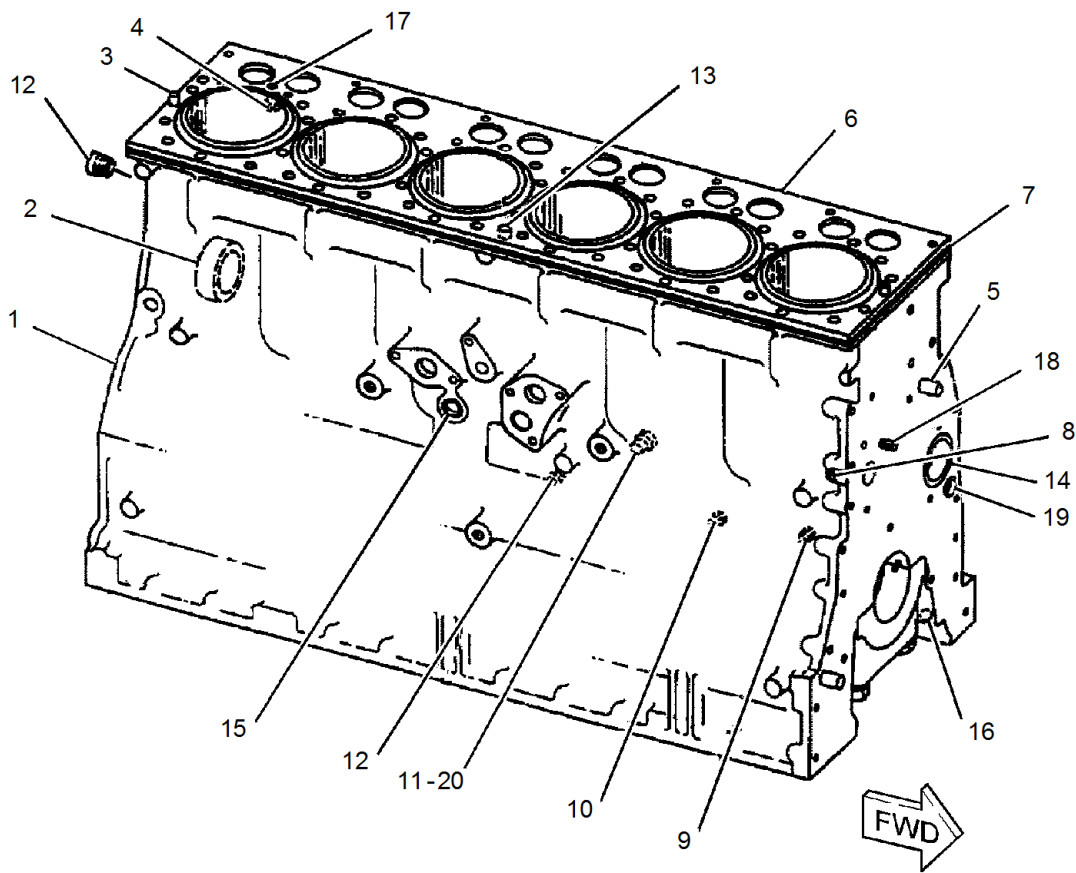
Ref.	Part number	Description	Qty	Code	Group page
1	456-5581	SEAL-O-RING	18		
2	371-5941	LINER-CYLINDER	6		
	104-5512	INSERT-LINER SEAT (0.822-MM THK)		ABJ	
	104-5518	INSERT-LINER SEAT (1.605-MM THK)		ABJ	
	104-5527	INSERT-LINER SEAT (2.71-MM THK)		ABJ	
	104-5530	INSERT-LINER SEAT (5.21-MM THK)		ABJ	
(REFER TO SEBF8198 FOUND IN SISWEB FOR LINER INSERTS.)					
3	2W-6134	BAND-FILLER	6		
4	7S-3224	BOLT (5/8-11X5.25-IN)	14		
5	6N-8003	CAP-CRANKSHAFT BEARING	7		
6	2S-5658	WASHER-HARD (17X29X3-MM THK)	14		

CAT codes: A, B, J.

8N-5286 CYLINDER BLOCK GP

8N-5286 CYLINDER BLOCK GP S/N 6NC1-UP; R6J1-UP; 08Z93150-99999 PART OF 108-1078 ENGINE AR

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	7N-6550	CYLINDER BLOCK GP	1	Y	
2	7M-4046	BUSHING	4		
3	8K-1207	DOWEL	2		
4	3S-5496	SEAL-O-RING	1		
5	8B-6349	DOWEL	2		
6	7N-7998	PLATE-BLOCK	1		
7	115-7550	GASKET-PLATE	1		
8	8T-6764	PLUG-PIPE (1/8-27-THD)	1		
9	8T-6763	PLUG-PIPE (1/4-18-THD)	1		
10	8T-6765	PLUG-PIPE (1/4-18-THD)	4		
11	8M-9307	PLUG (ENGINE OIL)	1		
12	8T-6762	PLUG-PIPE (1/2-14-THD)	3		
13	5B-7652	DOWEL	2		
14	8N-4110	BUSHING	1		
15	4B-5387	PLUG-CUP	1		

MANUALS-KOMATSU.COM

Complete Caterpillar PDF Parts Catalogue

8LN-SEBP2618

\$99

Buy on this catalogue page in our store.

Download instructions are sent after payment confirmation.

Buy complete PDF - \$99