

CATERPILLAR D7G2

C7G / SEBP4964

Contents

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

9S-5794 BOLT GP-ENGINE MOUNTING

9S-5794 BOLT GP-ENGINE MOUNTING S/N C7G1000-UP PART OF 270-4120 INSTALLATION AR-ENGINE

Kit / parts list. The current source card does not provide a separate drawing.

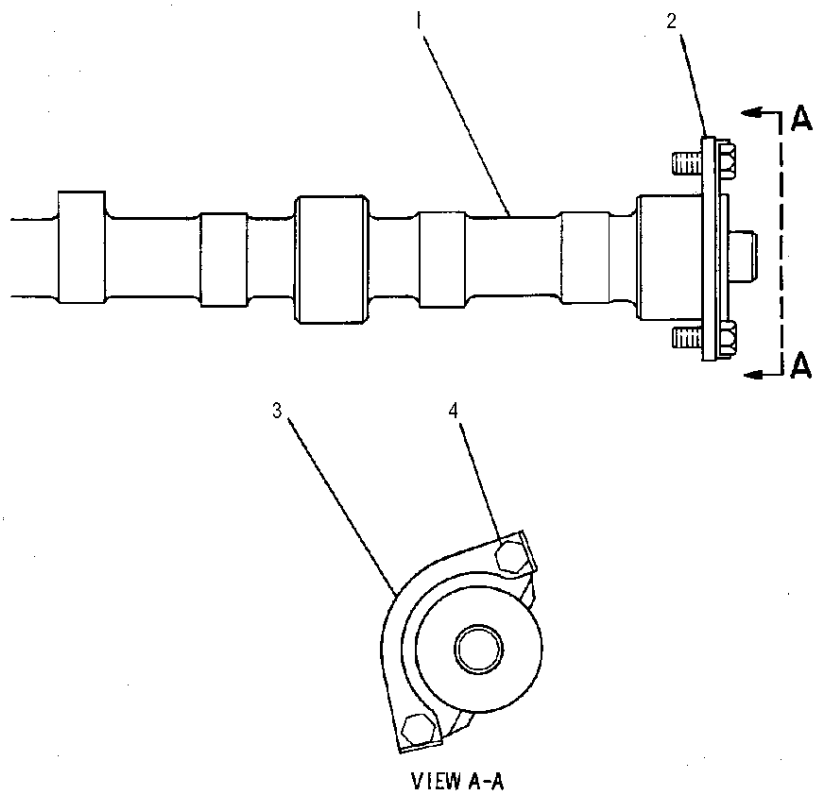
Ref.	Part number	Description	Qty	Code	Group page
	3B-2968	BOLT (3/4-10X3.5-IN)	2		
	8C-8842	BOLT (3/4-10X4-IN)	4		
	2B-2994	DOWEL	2		
	2J-3506	NUT-FULL (3/4-10-THD)	2		
	9S-6730	SHIM-SUPPORT BRACKET (1.2-MM THK)	4	B	
	9S-6731	SHIM-SUPPORT BRACKET (1.7-MM THK)	4	B	
	9S-7072	SHIM-SUPPORT BRACKET (2.1-MM THK)	4	B	
	7X-0519	WASHER-HARD (20X33.5X5-MM THK)	4		
	7X-0521	WASHER-HARD (20X36.5X5-MM THK)	2		

CAT codes: B.

1N-4406 CAMSHAFT GP

1N-4406 CAMSHAFT GP S/N R6J1-UP; 10Z1-UP SINGLE PART OF 257-0547 ENGINE AR

Drawing 1 of 1



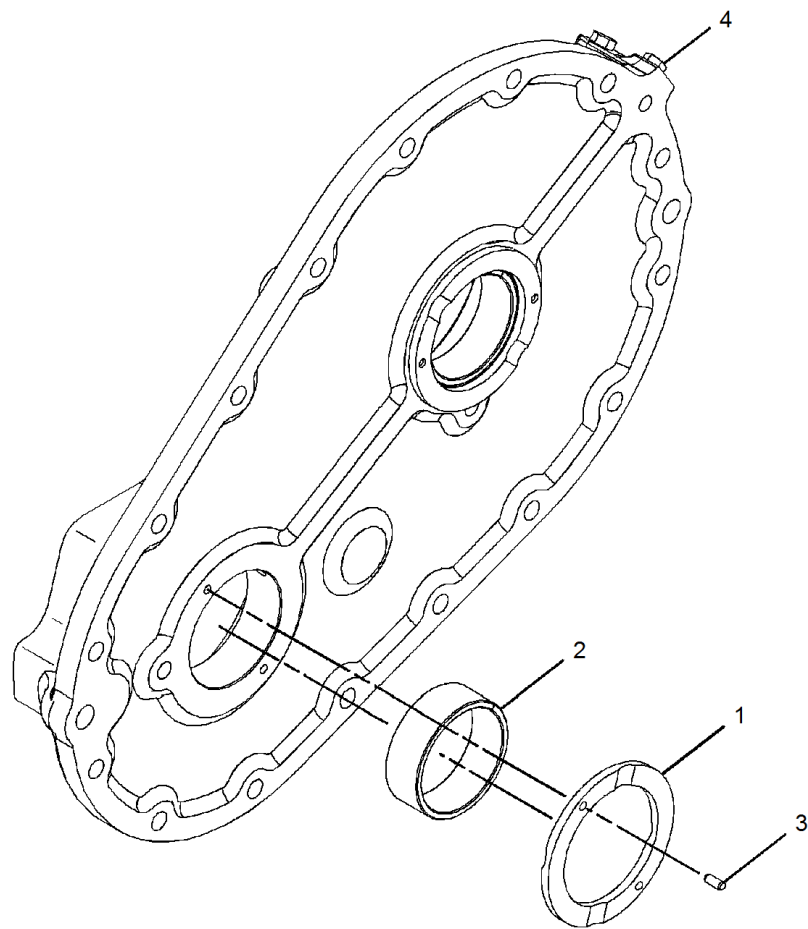
Ref.	Part number	Description	Qty	Code	Group page
1	7E-9980	CAMSHAFT	1		
2	7S-2204	WASHER-THRUST	1		
3	8S-1491	LOCK	1		
4	0S-0509	BOLT (3/8-16X0.75-IN)	2		

CAT codes: R.

278-2670 COVER GP-ACCESSORY DRIVE

278-2670 COVER GP-ACCESSORY DRIVE S/N R6J1-UP; 10Z1-UP PART OF 278-2669 GEAR GP-REAR

Drawing 1 of 1

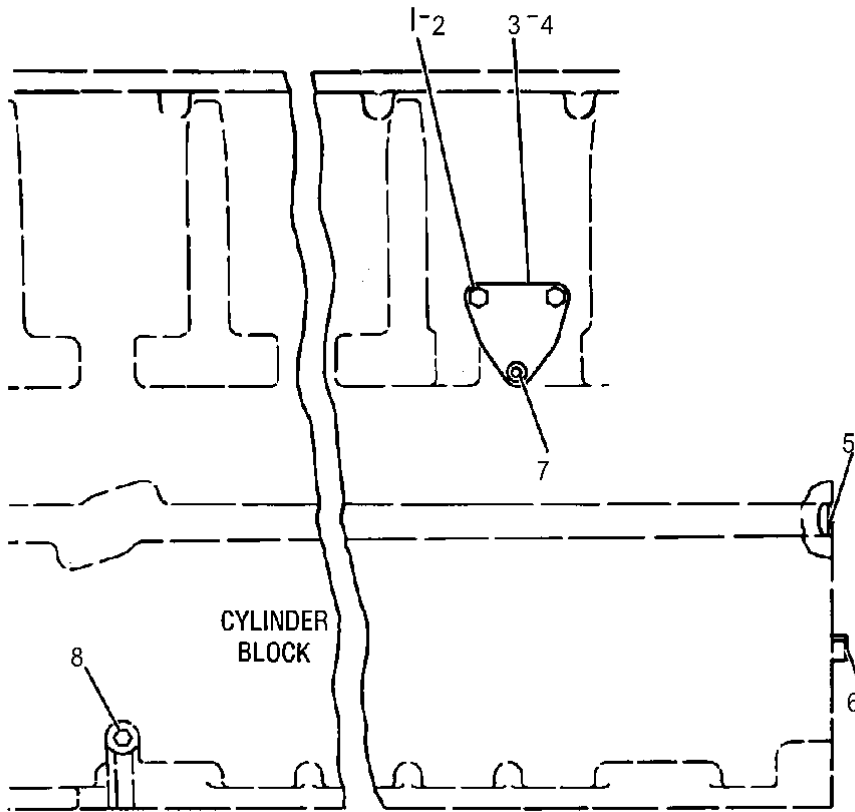


Ref.	Part number	Description	Qty	Code	Group page
1	7L-4265	WASHER-THRUST	2		
2	9S-6729	BUSHING	2		
3	3F-6795	DOWEL	4		
4	8T-6764	PLUG-PIPE (1/8-27-THD)	2		

7N-1342 COVER GP-CYLINDER BLOCK

7N-1342 COVER GP-CYLINDER BLOCK S/N R6J1-UP; 10Z1-UP PART OF 257-0547 ENGINE AR

Drawing 1 of 1



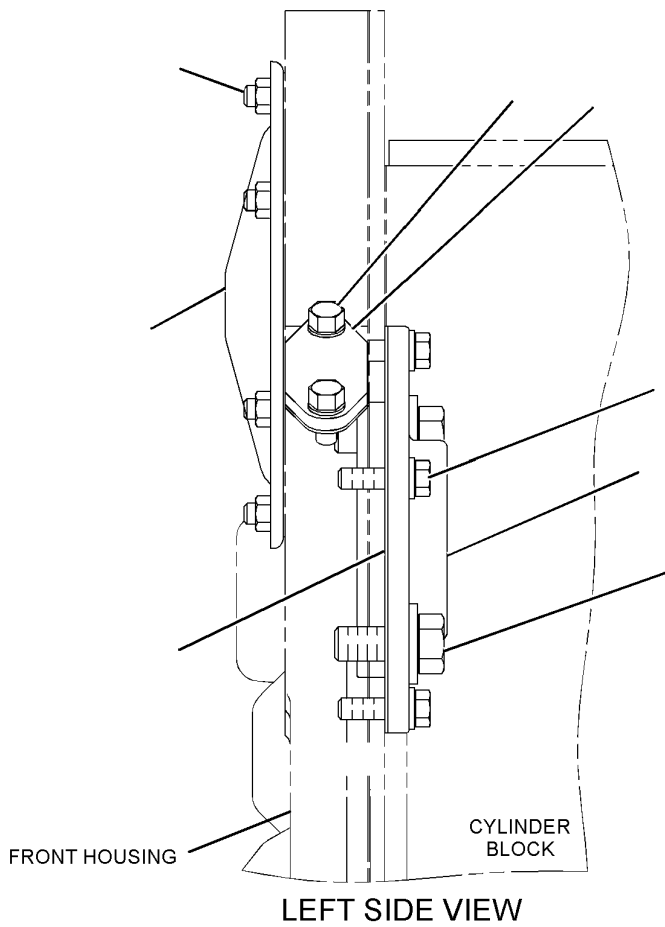
Ref.	Part number	Description	Qty	Code	Group page
1	0L-1351	BOLT (3/8-16X0.875-IN)	2	B	
2	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	2	B	
3	8L-8662	COVER	1	B	
4	5S-8055	GASKET	1	B	
5	4B-3938	PLUG-CUP	1		
6	2A-3798	DOWEL	2		
7	8M-3267	SCREW-HEX SOCKET (3/8-16X0.75-IN)	1	B	
8	8T-6764	PLUG-PIPE (1/8-27-THD)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

CAT codes: B.

4N-5162 COVER GP-FRONT HOUSING

4N-5162 COVER GP-FRONT HOUSING S/N R6J1-UP; 10Z1-UP PART OF 257-0547 ENGINE AR

Drawing 1 of 1

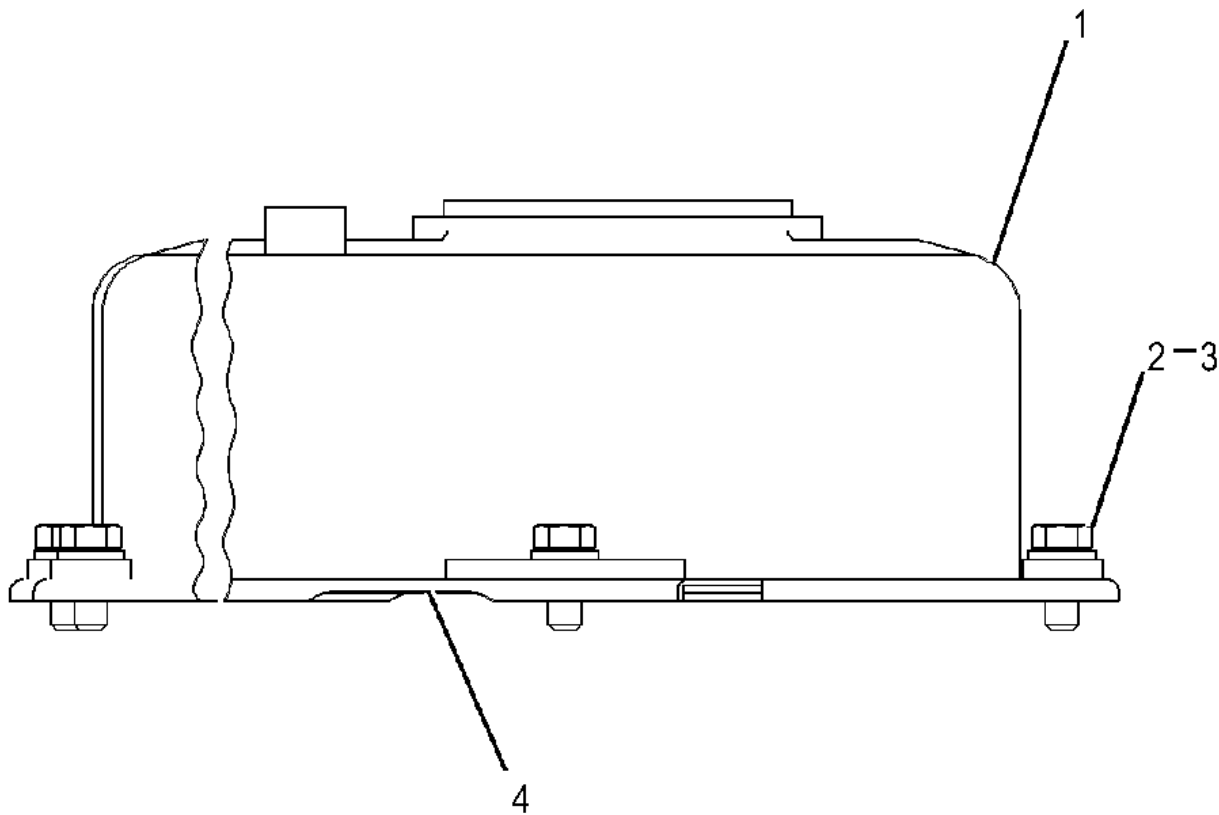


Ref.	Part number	Description	Qty	Code	Group page
1	9N-5769	COVER-HOUSING	1		
2	6N-7887	GASKET-HOUSING COVER	1		
3	3S-2713	NUT-FULL (3/8-24-THD)	6		
4	8M-9024	WASHER-HARD (10.2X22.5X5-MM THK)	6		
5	2P-2720	GASKET	1		
6	2P-3200	BOLT-WASHER HEAD	2		
7	4N-4526	COVER	1		
8	2P-0220	GASKET-PUMP	1		
9	1W-4542	COVER-WATER PUMP	1		
10	3B-1915	BOLT (3/8-16X1.375-IN)	3		
11	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	3		
12	0S-1566	BOLT (5/8-11X1.5-IN)	2		
13	5P-8247	WASHER-HARD (17X32X3.5-MM THK)	2		

8N-4745 COVER GP-VALVE MECHANISM

8N-4745 COVER GP-VALVE MECHANISM S/N R6J1-UP; 10Z1-UP PART OF 257-0547 ENGINE AR

Drawing 1 of 1

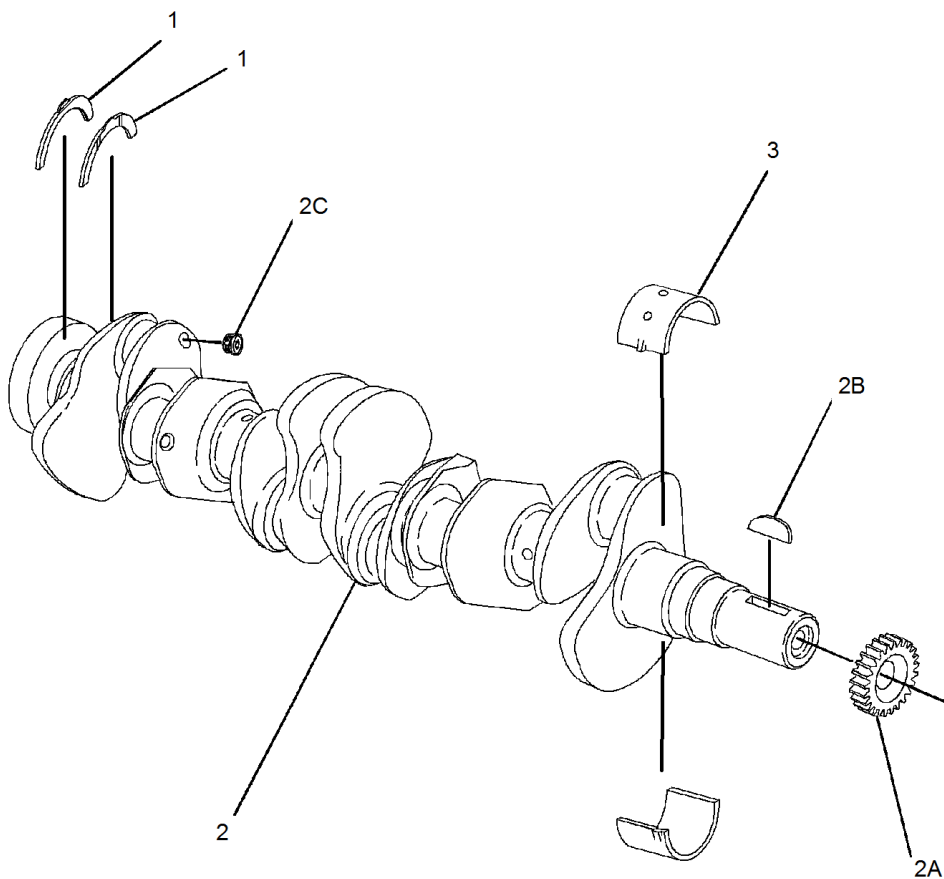


Ref.	Part number	Description	Qty	Code	Group page
1	2W-1086	COVER AS-CYLINDER HEAD	1		
2	0S-1617	BOLT (5/16-18X0.75-IN)	15		
3	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	15		
4	133-1247	SEAL-VALVE COVER	1		

4P-9856 CRANKSHAFT GP

4P-9856 CRANKSHAFT GP S/N R6J1-UP; 10Z1-UP PART OF 257-0547 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)

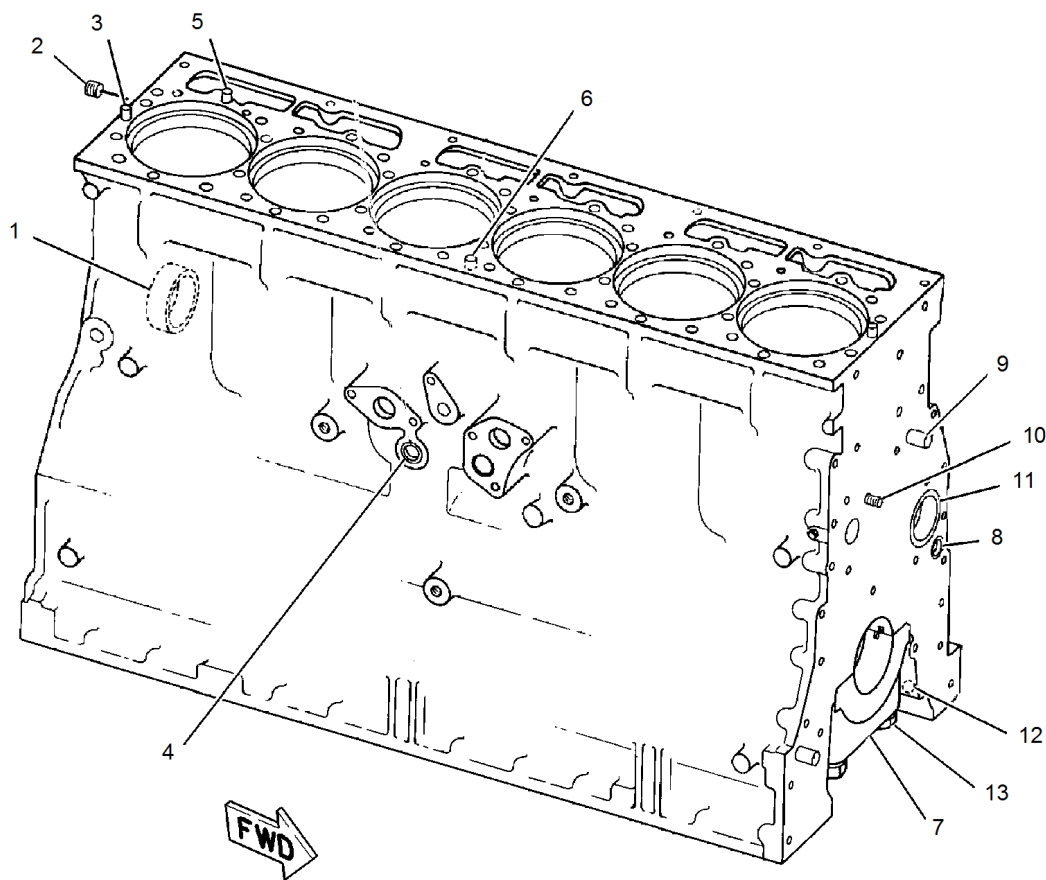
Ref.	Part number	Description	Qty.	Code	Group page
AVAILABLE REPLACEMENT PART(S):					
	196-9534	KIT-BASIC ENGINE REPAIR (MAIN BEARING)		AJ	
(INCLUDES STANDARD BEARINGS & THRUST PLATES)					

CAT codes: A, B, J, R.

1N-3576 CYLINDER BLOCK GP

1N-3576 CYLINDER BLOCK GP S/N R6J1-UP; 10Z1-UP 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		

MANUALS-KOMATSU.COM

Complete Caterpillar PDF Parts Catalogue

C7G-SEBP4964

\$99

Buy on this catalogue page in our store.

Download instructions are sent after payment confirmation.

Buy complete PDF - \$99