

CATERPILLAR D7R II

BPT / XEBP7545

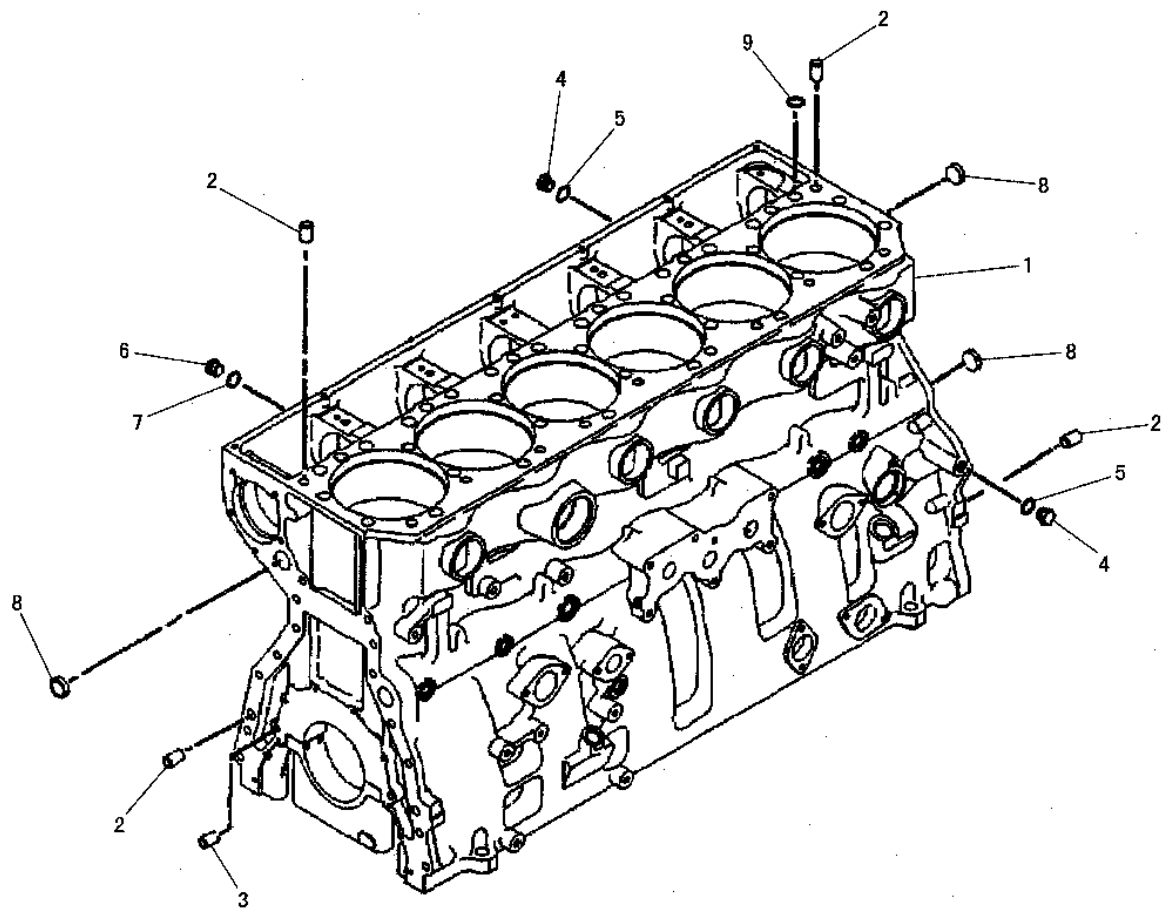
Contents

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

115-2982 CYLINDER BLOCK

CYLINDER BLOCK (1152982 N/S) PART OF 2191421-Page 4 2043450-Page 7

Drawing 1 of 1



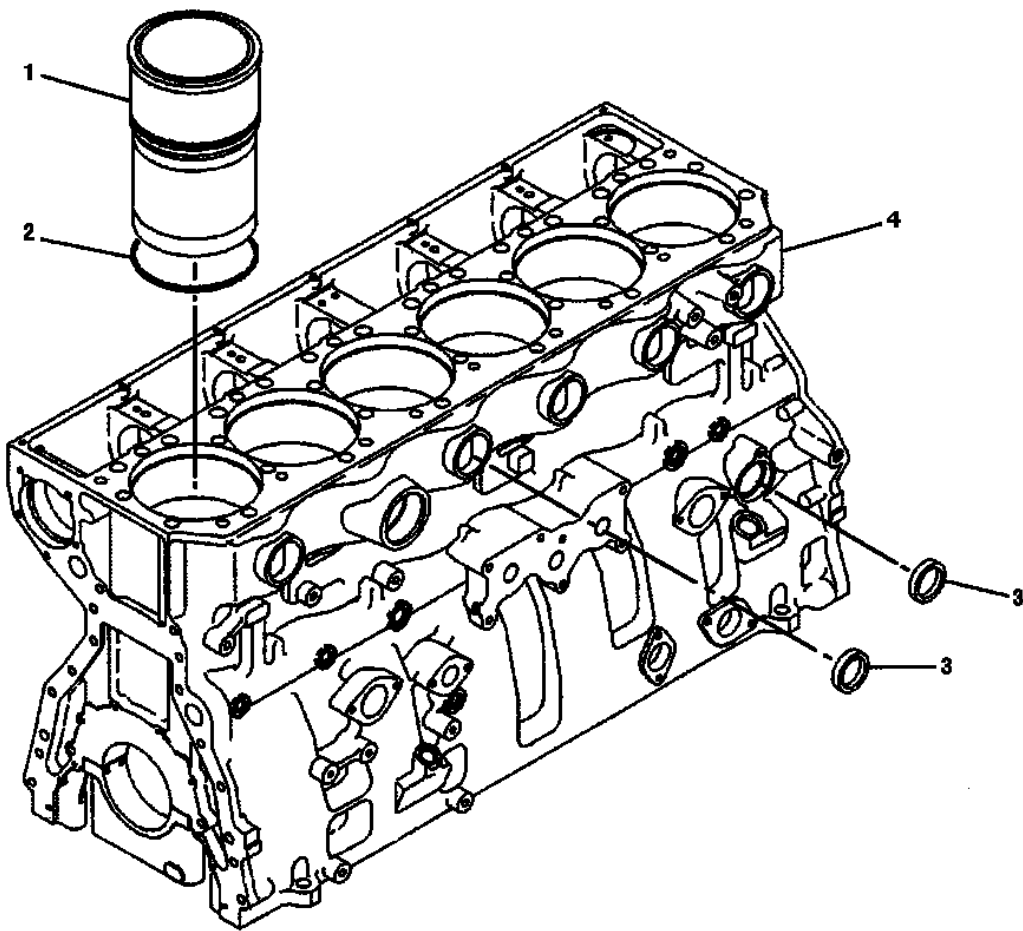
Ref.	Part number	Description	Qty	Code	Group page
1	204-3450	CYLINDER BLOCK ASSEM.	1	Y	
2	7N-5683	DOWEL	6		
3	6V-3538	DOWEL	2		
4	1N-5999	PLUG	2		
5	5P-7813	SEAL	2		
6	9S-8002	PLUG	1		
7	6V-5048	SEAL	1		
8	3B-0623	PLUG	3		
9	4G-4972	SEAL	6		

CAT codes: Y.

204-3450 CYLINDER BLOCK ASSEMBLY

CYLINDER BLOCK ASSEMBLY (2043450 N/S) PART OF 1152982-Page 6 2002054-Page 8

Drawing 1 of 1



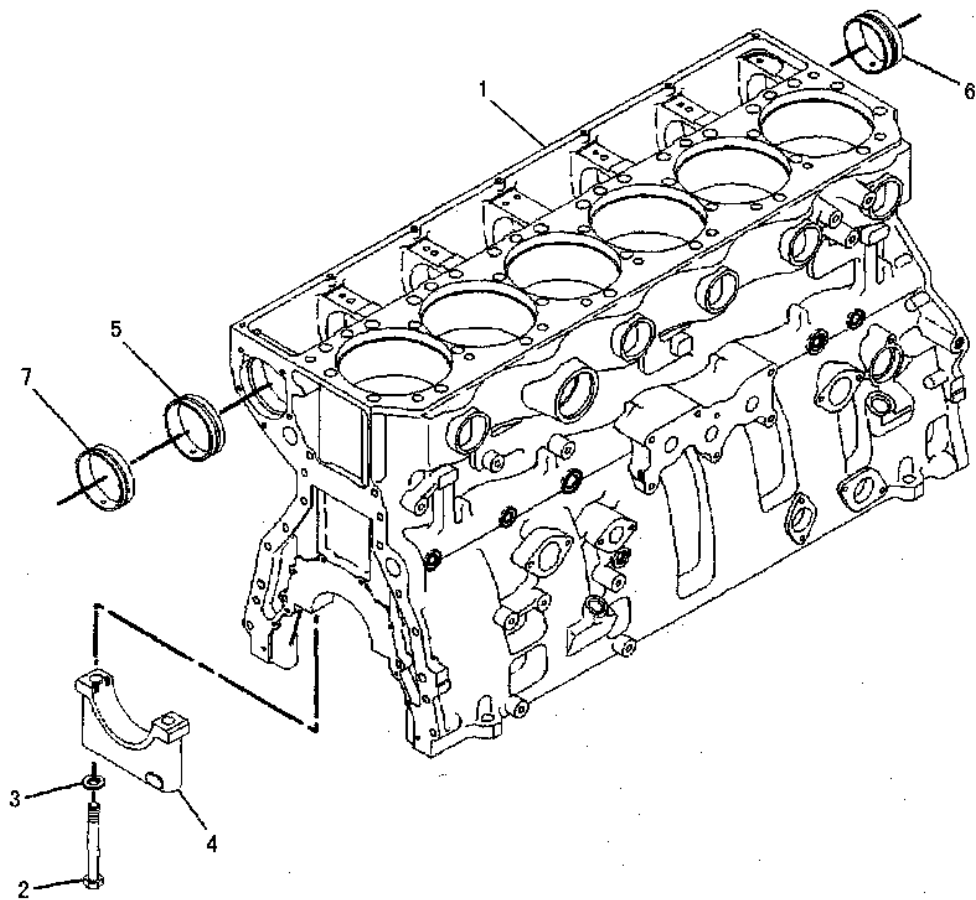
Ref.	Part number	Description	Qty	Code	Group page
1	148-2125	LINER	6		
2	104-3560	SEAL	6		
3	4F-5695	PLUG	6		
4	200-2054	BLOCK ASSEM.	1	Y	

CAT codes: Y.

200-2054 CYLINDER BLOCK ASSEMBLY

2002054 CYLINDER BLOCK ASSEMBLY PART OF 2043450-Page 7

Drawing 1 of 1

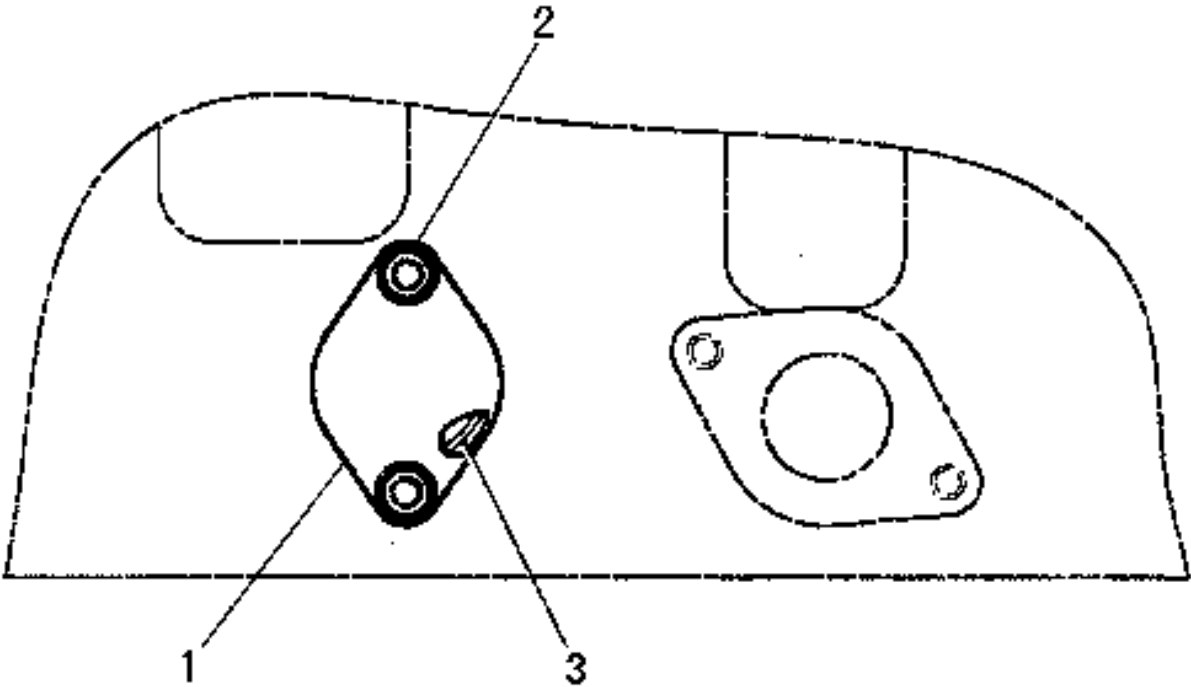


Ref.	Part number	Description	Qty	Code	Group page
1	200-2053	CYLINDER BLOCK ASSEM.	1		
2	175-0454	BOLT (MJ16X2)	14		
3	5P-8247	WASHER	14		
4	117-0166	CAP	7		
5	216-5583	BEARING	5		
6	216-5584	BEARING	1		
7	216-5585	BEARING	1		

115-2985 CYLINDER BLOCK COVER

CYLINDER BLOCK COVER (1152985 N/S) PART OF 2191421-Page 5

Drawing 1 of 1



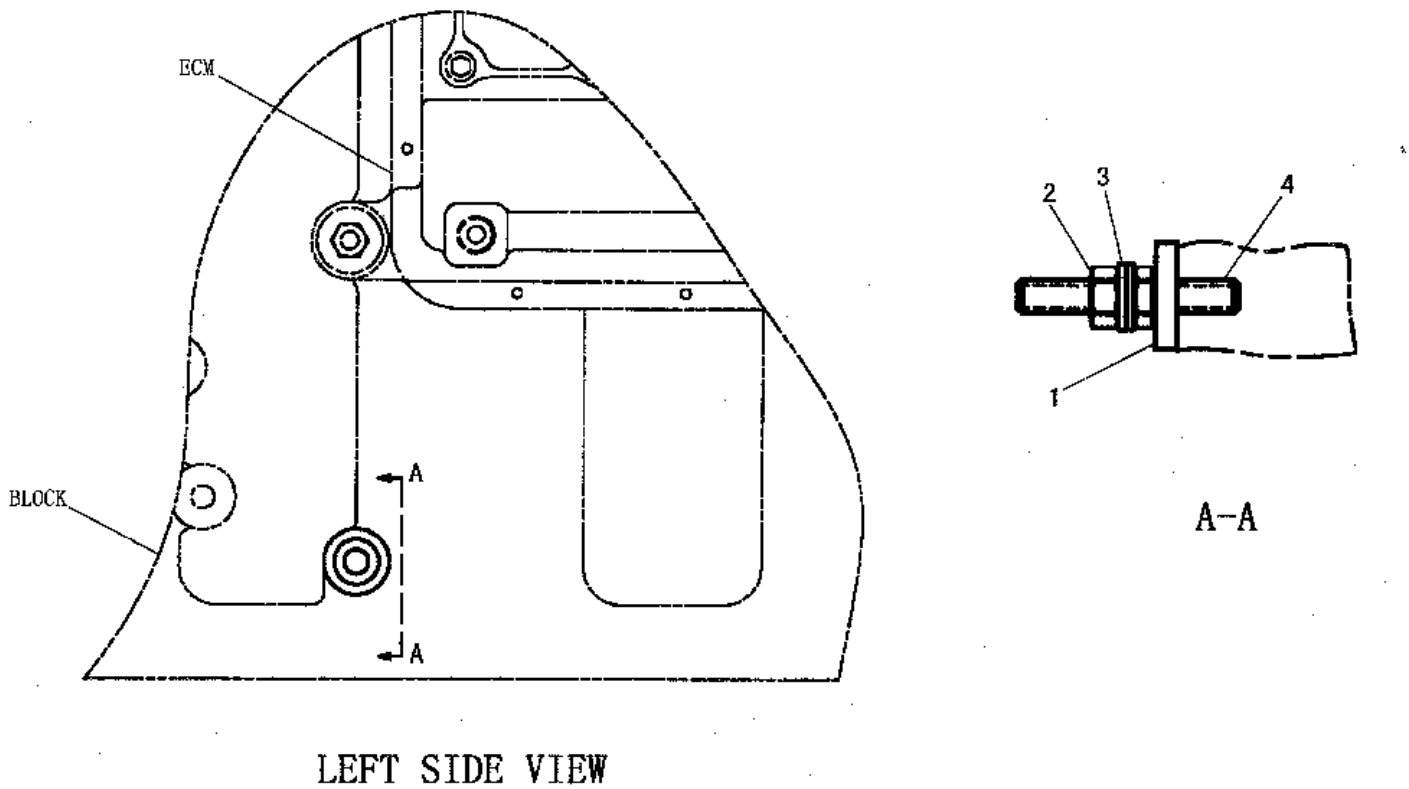
RIGHT SIDE VIEW

Ref.	Part number	Description	Qty	Code	Group page
1	4P-6587	COVER	1		
2	6V-5217	BOLT (M8X1.25)	1		
	9M-1974	WASHER	2		
3	6V-1250	SEAL	1		

124-2674 ELECTRICAL CONNECTION

ELECTRICAL CONNECTION (1242674 N/S) PART OF 2191421-Page 5

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	6V-3964	WASHER	1		
2	5P-7970	NUT (M8X1.25)	1		
3	9M-1974	WASHER	2		
4	9X-2097	STUD (M8X1.25)	1		

138-2028 PLUG

PLUG (1382028 N/S)-CYLINDER BLOCK PART OF 2191421-Page 5

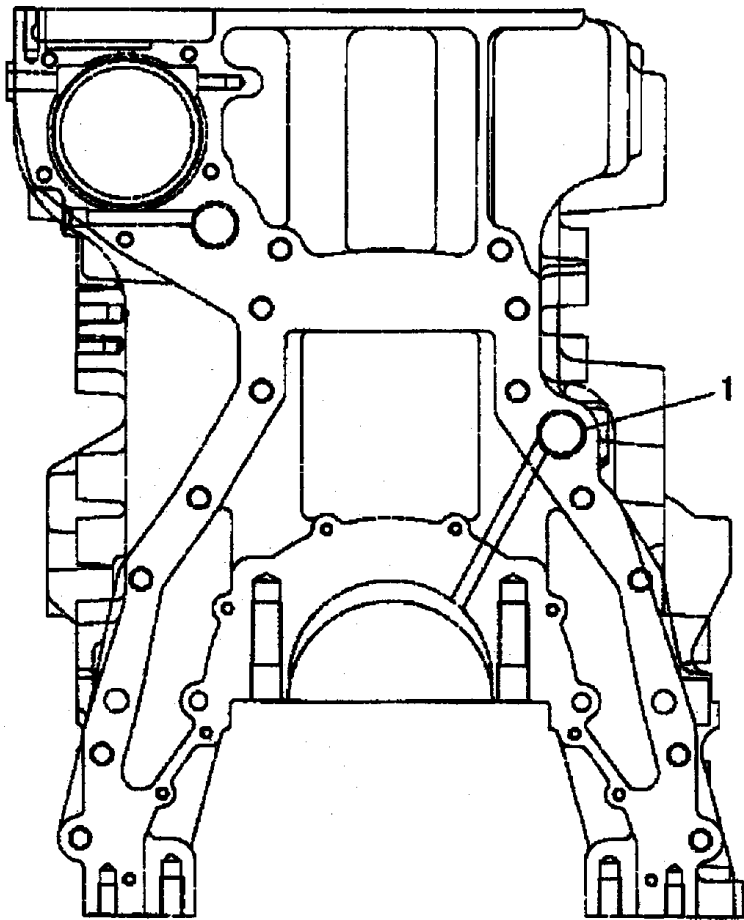
Kit / parts list. The current source card does not provide a separate drawing.

Ref.	Part number	Description	Qty	Code	Group page
	8T-6762	PLUG (USE IN WATER MANIFOLD BLEED OPENING)	1		
	6V-5048	SEAL (USE IN TIMING PROBE OPENING)	1		
	9S-4182	PLUG (USE IN TIMING PROBE OPENING)	1		
	3J-1907	SEAL (USE IN FUEL PRESSURE OPENING)	1		
	9S-4191	PLUG (USE IN FUEL PRESSURE OPENING)	1		

117-0165 PLUG

PLUG (1170165 N/S)-CYLINDER BLOCK PART OF 2191421-Page 4

Drawing 1 of 1

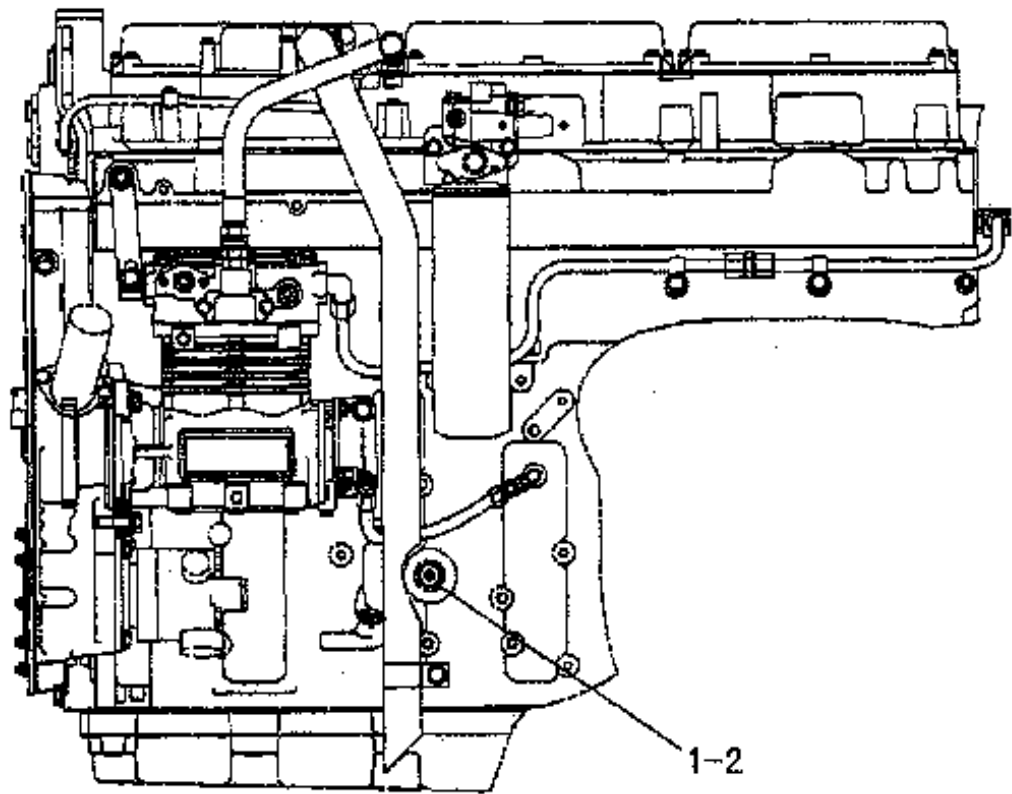


Ref.	Part number	Description	Qty	Code	Group page
1	3B-0623	PLUG	1		

117-0185 PLUG

PLUG (1170185 N/S)-CYLINDER BLOCK PART OF 2191421-Page 4

Drawing 1 of 1



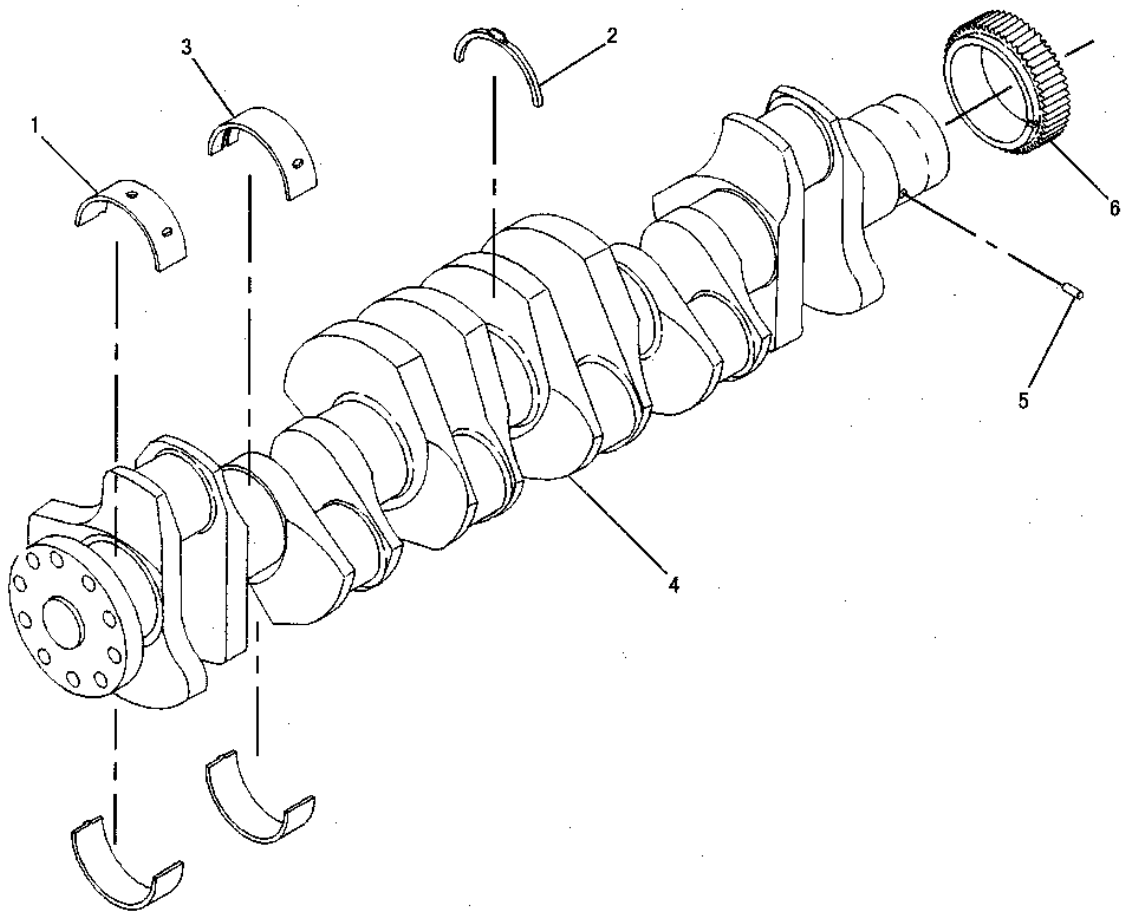
LEFT SIDE VIEW

Ref.	Part number	Description	Qty	Code	Group page
1	9S-8006	PLUG	1		
2	6V-4589	SEAL	1		

117-2743 CRANKSHAFT

CRANKSHAFT (1172743 N/S) PART OF 2191421-Page 4

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	116-1109	BEARING (MAIN)	3	J	
	128-0382	BEARING (0.51mm UNDERSIZE)	1	AB	
	128-0383	BEARING (0.76mm UNDERSIZE)	1	AB	
	128-0384	BEARING (0.51mm OVERSIZE)	1	AB	
	128-0385	BEARING (0.51mm UNDERSIZE-0.51mm OVERSIZE)	1	AB	
2	116-1107	PLATE	2	J	
3	116-1108	BEARING (MAIN)	4	J	
	128-0400	BEARING (0.51mm UNDERSIZE)	1	AB	
	128-0401	BEARING (0.76mm UNDERSIZE)	1	AB	
	128-0402	BEARING (0.51mm OVERSIZE)	1	AB	
	128-0403	BEARING (0.51mm UNDERSIZE-0.51mm OVERSIZE)	1	AB	
4	169-4187	CRANKSHAFT ASSEM.	1		
	9Y-0810	SLEEVE (REAR SEAL)	1	F	
	9Y-0821	SLEEVE (FRONT SEAL)	1	F	
5	6V-3536	DOWEL	1		

MANUALS-KOMATSU.COM

Complete Caterpillar PDF Parts Catalogue

BPT-XEBP7545

\$99

Buy on this catalogue page in our store.

Download instructions are sent after payment confirmation.

Buy complete PDF - \$99