

CATERPILLAR D7R II

BRM / SEBP7109

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166-1329 BASE GP-OIL FILTER -ENGINE

166-1329 BASE GP-OIL FILTER -ENGINE S/N 7ZR1-UP PART OF 160-8581 FILTER GP-ENGINE OIL

Drawing unavailable in the current source. The parts list is preserved below.

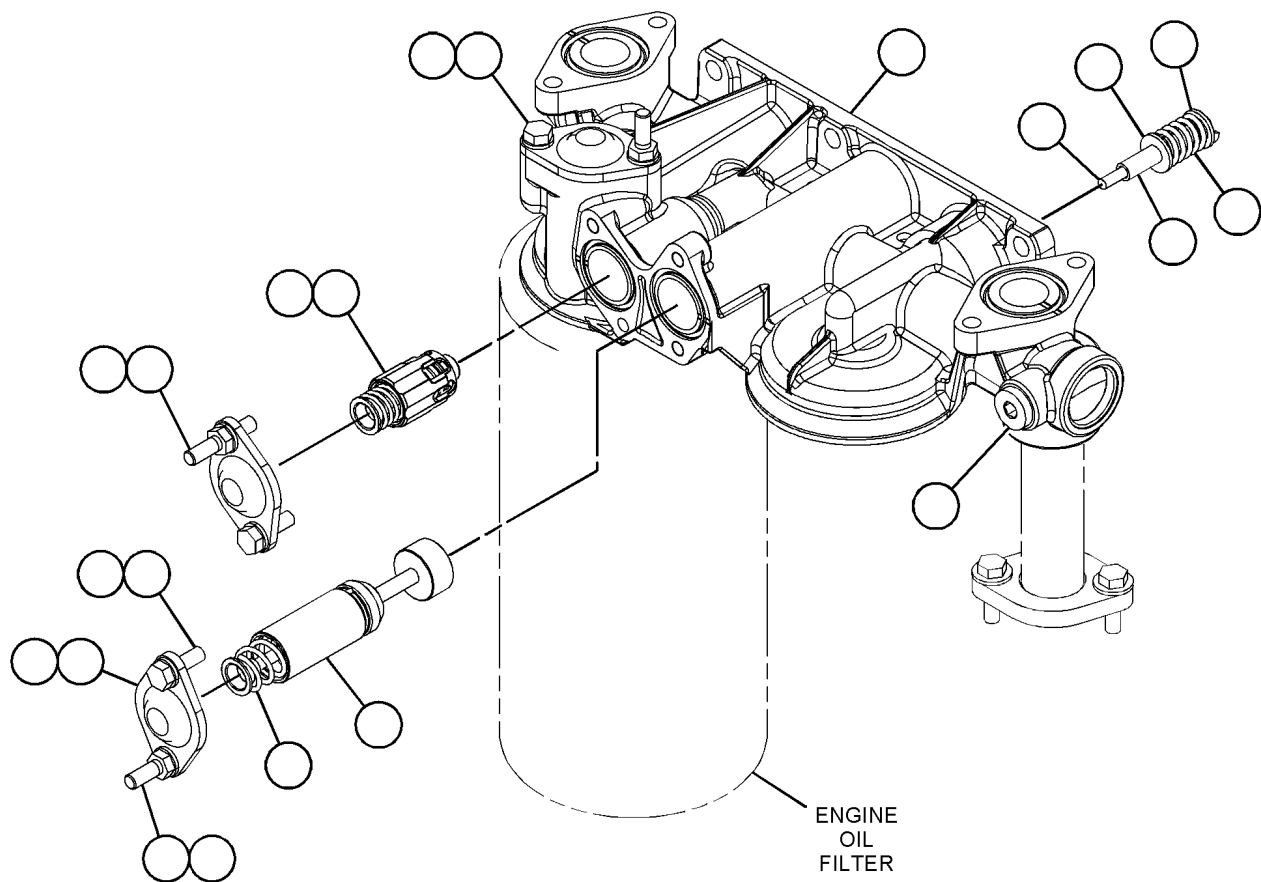
Ref.	Part number	Description	Qty	Code	Group page
1	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	6		
2	166-1328	BASE AS	1		
2A	2P-4304	STUD-HOLLOW	1		
2B	3B-0623	PLUG-CUP	1		
2C	3P-1896	PLUG-CUP (35.31-MM OD)	2		
2D	7W-6390	STUD-FILTER BASE	1		
3	6V-4367	SEAL-O-RING	3		
4	6V-3940	BOLT (M8X1.25X25-MM)	3	M	
5	7C-2891	COVER	3		
6	7C-3954	SPRING AS	1		
6A	2N-6005	SPRING	1		
7	111-2645	VALVE-PUMP BYPASS (ENGINE OIL FILTER)	1		
8	6V-8359	BOLT (M6X1X70-MM)	1	M	
9	7C-3083	SEAT-RELIEF VALVE SPRING	1		
10	7C-3082	RETAINER	1		
11	7C-3081	SPACER (6.88X9.53X50-MM THK)	1		
12	1A-2170	SPRING-RETAINER	1		
13	392-9208	PLUNGER-VALVE (RELIEF)	2	C	
14	288-3803	SPRING AS	2		
(EACH INCLUDES)					
14A	4N-8150	SPRING	1		
15	398-5596	PLUG AS	1	C	
	238-5080	SEAL-O-RING	1		
	360-3680	PLUG	1		
17	9X-2097	STUD (M8X1.25-THD)	3	M	

CAT codes: C, M.

532-8902 BASE GP-OIL FILTER

532-8902 BASE GP-OIL FILTER S/N 7ZR1-UP PART OF 160-8581 FILTER GP-ENGINE OIL

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	7C-2891	COVER	3		
2	7C-3081	SPACER (6.88X9.53X50-MM THK)	1		
3	7C-3082	RETAINER	1		
4	7C-3083	SEAT-RELIEF VALVE SPRING	1		
5	7C-3954	SPRING AS	1		
6	111-2645	VALVE-PUMP BYPASS (ENGINE OIL FILTER)	1		
7	166-1328	BASE AS	1		
	2P-4304	STUD-HOLLOW	1		
	3B-0623	PLUG-CUP	1		
	3P-1896	PLUG-CUP (35.31-MM OD)	2		
	7W-6390	STUD-FILTER BASE	1		
8	288-3803	SPRING AS	2		
9	392-9208	PLUNGER-VALVE (RELIEF)	2		
10	398-5596	PLUG AS	1		
	238-5080	SEAL-O-RING	1		

532-8902 BASE GP-OIL FILTER (continued)

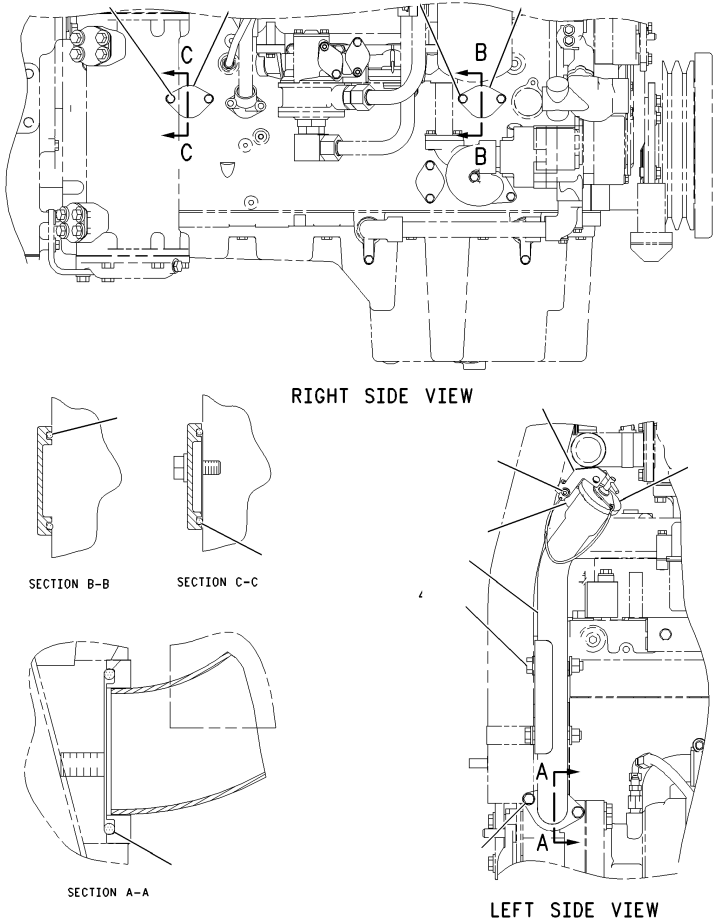
Ref.	Part number	Description	Qty	Code	Group page
	360-3680	PLUG	1		
11	368-3986	SPRING	1		
12	6V-3940	BOLT (M8X1.25X25-MM)	3	M	
13	6V-4367	SEAL-O-RING	3		
14	6V-8359	BOLT (M6X1X70-MM)	1	M	
15	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	6		
16	9X-2097	STUD (M8X1.25-THD)	3	M	

CAT codes: M.

169-8947 FILLER GP-ENGINE OIL

169-8947 FILLER GP-ENGINE OIL S/N 7ZR1-UP

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	7C-1445	COVER	2		
2	169-8946	TUBE AS	1		
2A	2A-3211	WASHER (5.5X12.3X0.8-MM THK)	1		
2B	2P-2717	HASP	1		
2C	4N-6045	LUG	1		
2D	6N-2985	CAP-FILLER (ENGINE OIL)	1		
2E	8D-9558	RIVET	1		
3	061-9455	SEAL-O-RING	3		
4	5P-8245	WASHER-HARD (13.5X25.5X3-MM THK)	4		
5	6V-3940	BOLT (M8X1.25X25-MM)	2	M	
6	6V-5217	BOLT (M8X1.25X20-MM)	4	M	

169-8947 FILLER GP-ENGINE OIL (continued)

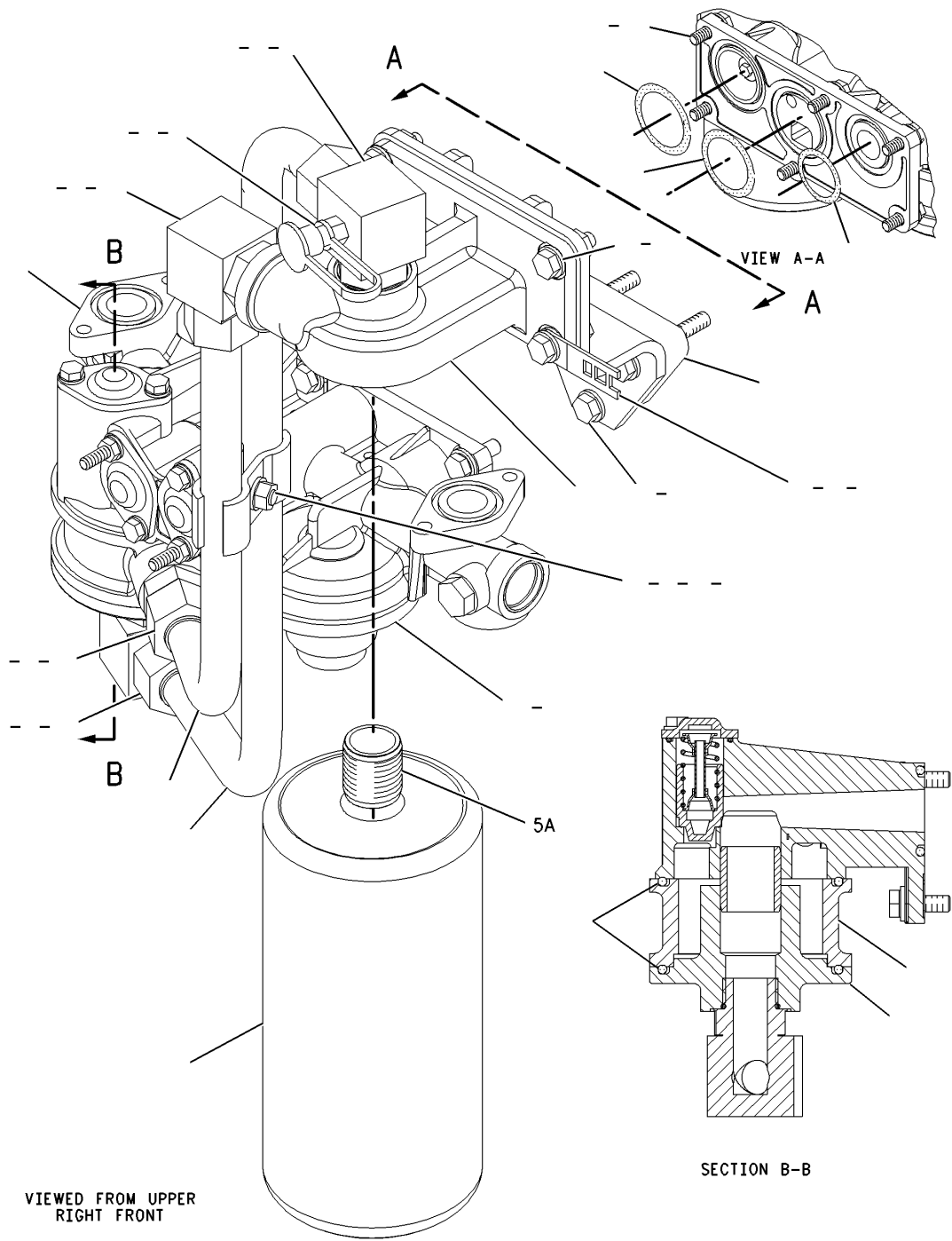
Ref.	Part number	Description	Qty	Code	Group page
7	6V-5696	BOLT (M12X1.75X80-MM)	2	M	
8	6V-8149	NUT (M12X1.75-THD)	2	M	
9	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	6		

CAT codes: M.

160-8581 FILTER GP-ENGINE OIL

160-8581 FILTER GP-ENGINE OIL S/N 7ZR1-UP Type 1

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	1R-0716	FILTER AS-ENGINE OIL (STANDARD EFFICIENCY)	1		
2	8C-3445	CAP-DUST	1		
3	102-5828	COVER	1		
4	102-5829	ADAPTER	1		
5	104-7995	BASE GP-OIL FILTER	1		

160-8581 FILTER GP-ENGINE OIL (continued)

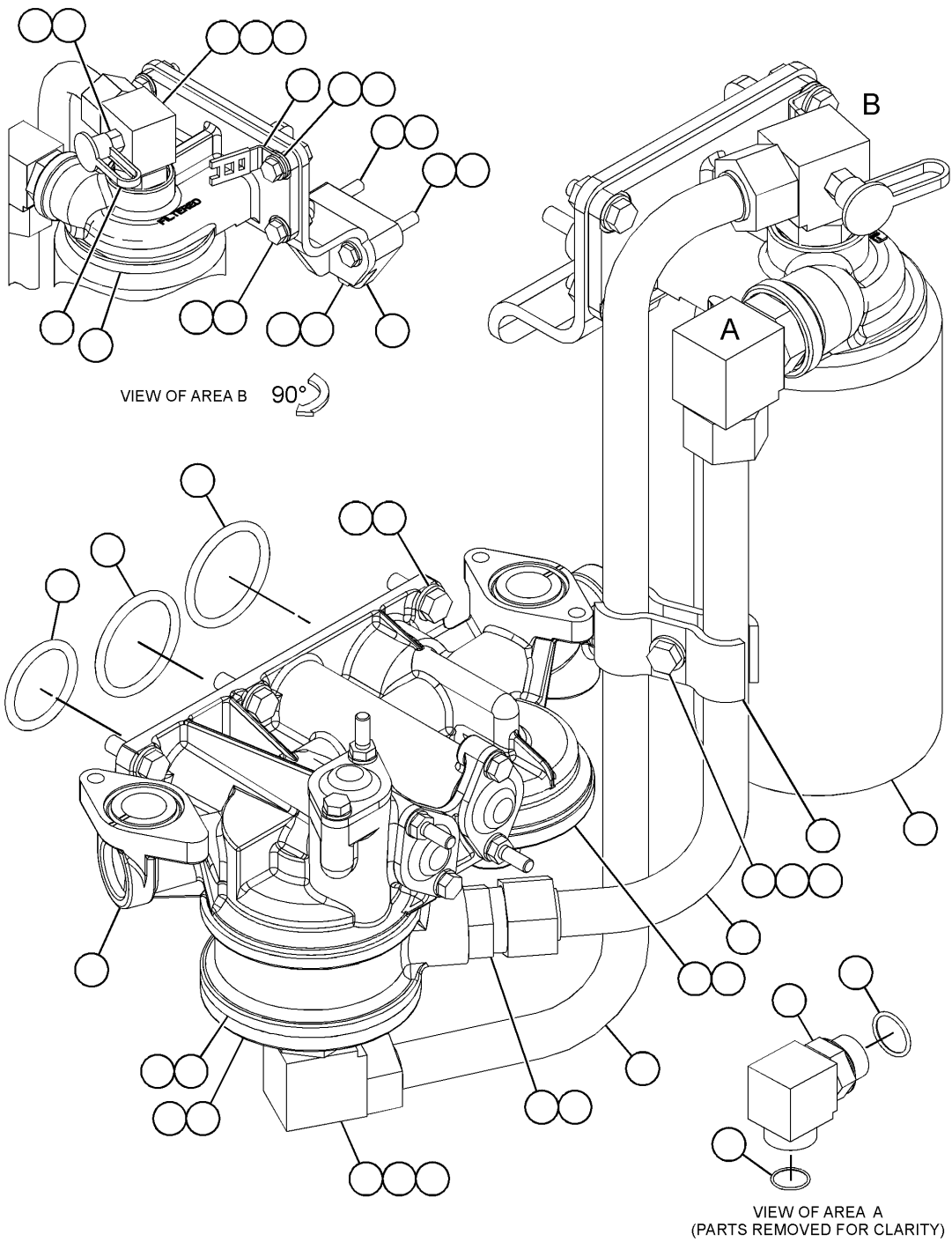
Ref.	Part number	Description	Qty	Code	Group page
5A	2P-4304	STUD-HOLLOW	1		
6	134-5245	BOLT (M10X1.5X30-MM)	6	M	
7	160-8582	BRACKET AS	1		
8	166-1329	BASE GP-OIL FILTER (ENGINE)	1	Y	
9	186-3705	ELBOW	1		
10	188-6229	TUBE AS	1		
11	188-6232	TUBE AS	1		
12	4P-7581	CLIP (LADDER)	1		
13	6V-7981	BOLT (M10X1.5X70-MM)	3	M	
14	2Y-5829	NUT (M10X1.5-THD)	1	M	
15	3J-7354	SEAL-O-RING	1		
16	5M-7087	CLAMP-TUBE	2		
17	5P-7701	SEAL-O-RING	4		
18	5S-9134	SEAL-O-RING	1		
19	6V-3822	BOLT (M10X1.5X35-MM)	5	M	
20	6V-3831	SEAL-O-RING	2		
21	6V-3908	SEAL-O-RING	2		
22	6V-5839	WASHER (11X21X2.5-MM THK)	16		
23	6V-8635	CONNECTOR	1		
24	6V-9008	ELBOW	2		
25	7C-9542	COVER-FILTER BASE	1		
26	8C-3093	SEAL-O-RING	4		
27	8C-3446	VALVE-SAMPLING (ENGINE OIL)	1		
28	8C-5230	SEAL-O-RING	1		

CAT codes: M, Y.

160-8581 FILTER GP-ENGINE OIL

160-8581 FILTER GP-ENGINE OIL S/N 7ZR1-UP Type 2

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	102-5828	COVER	1		
2	102-5829	ADAPTER	1		
3	104-7995	BASE GP-OIL FILTER	1		
	2P-4304	STUD-HOLLOW	1		
4	134-5245	BOLT (M10X1.5X30-MM)	6	M	

160-8581 FILTER GP-ENGINE OIL (continued)

Ref.	Part number	Description	Qty	Code	Group page
5	186-3705	ELBOW	1		
6	188-6229	TUBE AS	1		
7	188-6232	TUBE AS	1		
8	1R-0716	FILTER AS-ENGINE OIL (STANDARD EFFICIENCY)	1		
9	217-3075	BRACKET AS	1		
10	2Y-5829	NUT (M10X1.5-THD)	1	M	
11	3J-7354	SEAL-O-RING	1		
12	4P-7429	CLIP	1		
13	532-8902	BASE GP-OIL FILTER	1	CY	
14	5M-7087	CLAMP-TUBE	2		
15	5P-7701	SEAL-O-RING	4		
16	5S-9134	SEAL-O-RING	1		
17	6V-3822	BOLT (M10X1.5X35-MM)	5	M	
18	6V-3831	SEAL-O-RING	2		
19	6V-3908	SEAL-O-RING	2		
20	6V-5839	WASHER (11X21X2.5-MM THK)	16		
21	6V-5842	BOLT (M10X1.5X40-MM)	1	M	
22	6V-7981	BOLT (M10X1.5X70-MM)	2	M	
23	6V-8635	CONNECTOR	1		
24	6V-9008	ELBOW	2		
25	7C-9542	COVER-FILTER BASE	1		
26	8C-3093	SEAL-O-RING	4		
27	8C-3445	CAP-DUST	1		
28	8C-3446	VALVE-SAMPLING (ENGINE OIL)	1		
29	8C-5230	SEAL-O-RING	1		

CAT codes: C, M, Y.

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