

CATERPILLAR 613C

93X / SEBP1458

Contents

Section	Page
Basic engine	2
Lubrication system	
Cooling system	
Air inlet and exhaust	
Fuel system	
Basic engine	
Basic engine	
Electrical and electronics	
Hydraulic system	
Power train	
Hydraulic system	
Steering and brakes	

2T-2256 CONVERSION GP-FUEL PUMP

2T-2256 CONVERSION GP-FUEL PUMP FIELD INSTALLATION

Arrangement composition. Follow the table links to the component drawings.

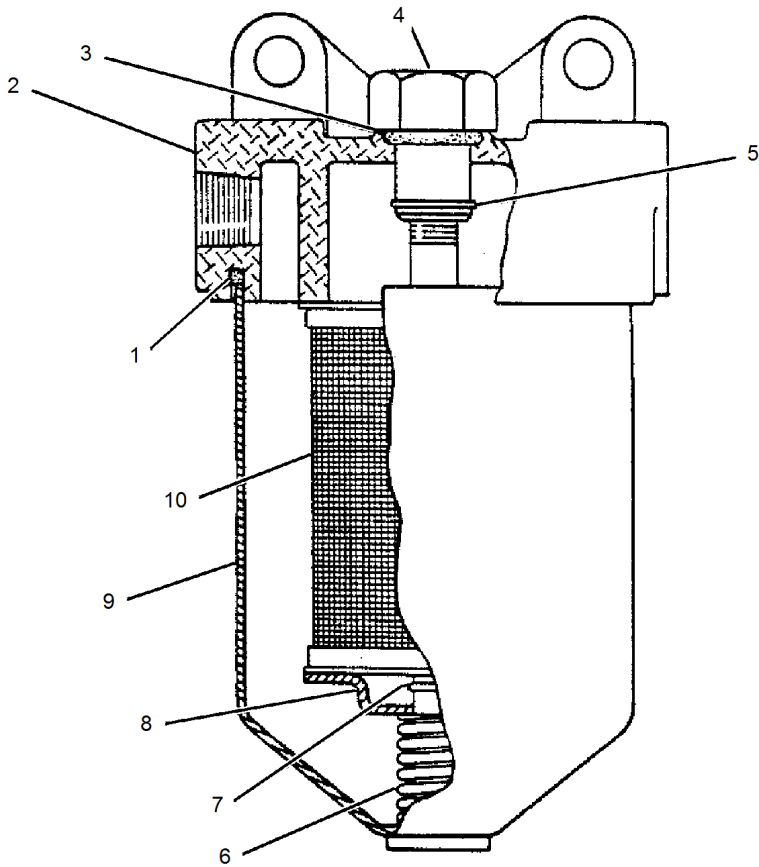
Ref.	Part number	Description	Qty	Code	Group page
	2T-2570	BAR	1		
	0S-1588	BOLT (3/8-16X1.25-IN)	1		
	2A-0762	BOLT (1/4-20X0.625-IN)	2		
	0S-0509	BOLT (3/8-16X0.75-IN)	1		
	9G-5742	BOSS (3/8-16-THD)	1		
	2T-2218	CLAMP	1		
	9G-9150	CLIP	1		
	032-1268	CONNECTOR (90-DEG)	1		
	7W-8910	FILTER ELEMENT-FUEL	1		
	8F-9836	BOSS (3/8-16-THD)	1		
	3R-4437	NUT (9/16-18-THD)	2		
	9S-8752	NUT-FULL (3/8-16-THD)	1		
	2T-2217	PUMP GP-FUEL	1	Y	
	3T-2170	RELAY AS (24-VOLT)	1		
	3R-4463	SLEEVE	2		
	2T-2172	TUBE AS	1		
	5P-0537	WASHER-HARD (7.2X14.5X2-MM THK)	2		
	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	2		
	2T-2561	WIRE AS	1		
	2T-2560	WIRE AS	1		

CAT codes: Y.

7W-7831 FILTER GP-PRIMARY FUEL

7W-7831 FILTER GP-PRIMARY FUEL S/N 93X899-UP PART OF 2T-0396, 2T-2443 LINES GP-FUEL FILTER

Drawing 1 of 1

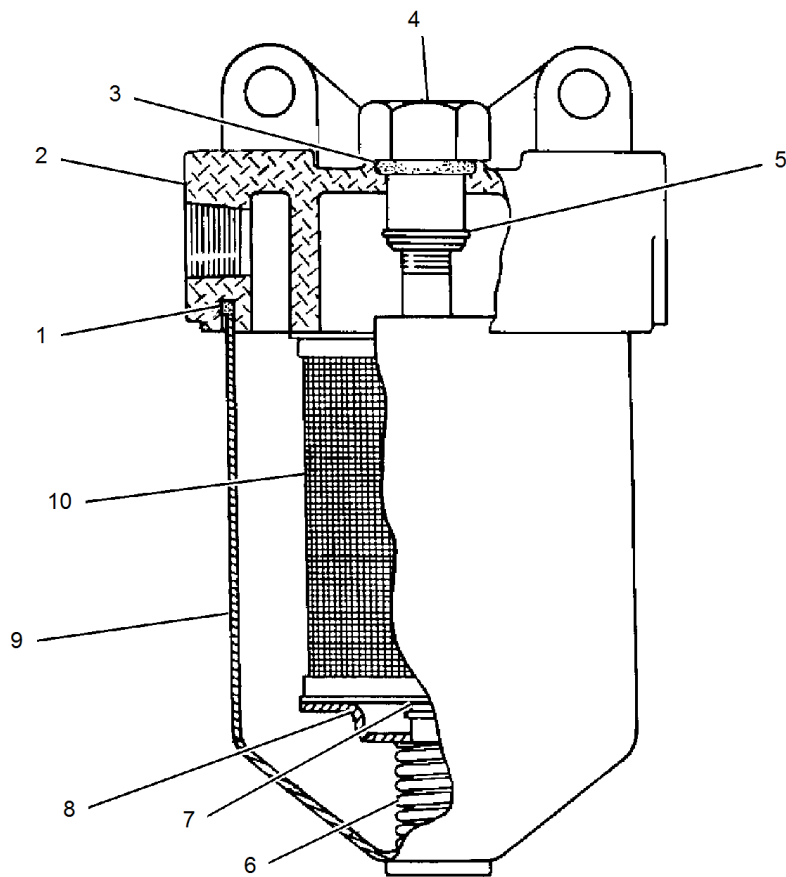


Ref.	Part number	Description	Qty	Code	Group page
1	8H-2778	SEAL-RING (PRIMARY FUEL FILTER)	1		
2	7W-7824	BASE-FUEL FILTER	1		
3	2J-0157	SEAL-O-RING	1		
4	7N-1628	NUT (3/8-24-THD)	1		
5	1L-3769	RING-RETAINING	1		
6	7S-9323	SPRING	1		
7	2H-3429	RING-RETAINING	1		
8	7H-9678	RETAINER-ELEMENT	1		
9	8H-2810	CASE AS-FILTER	1		
10	7W-8910	FILTER ELEMENT-FUEL	1		

8H-4681 FILTER GP-PRIMARY FUEL

8H-4681 FILTER GP-PRIMARY FUEL S/N 93X1-898 PART OF 2T-0396 LINES GP-FUEL FILTER

Drawing 1 of 1

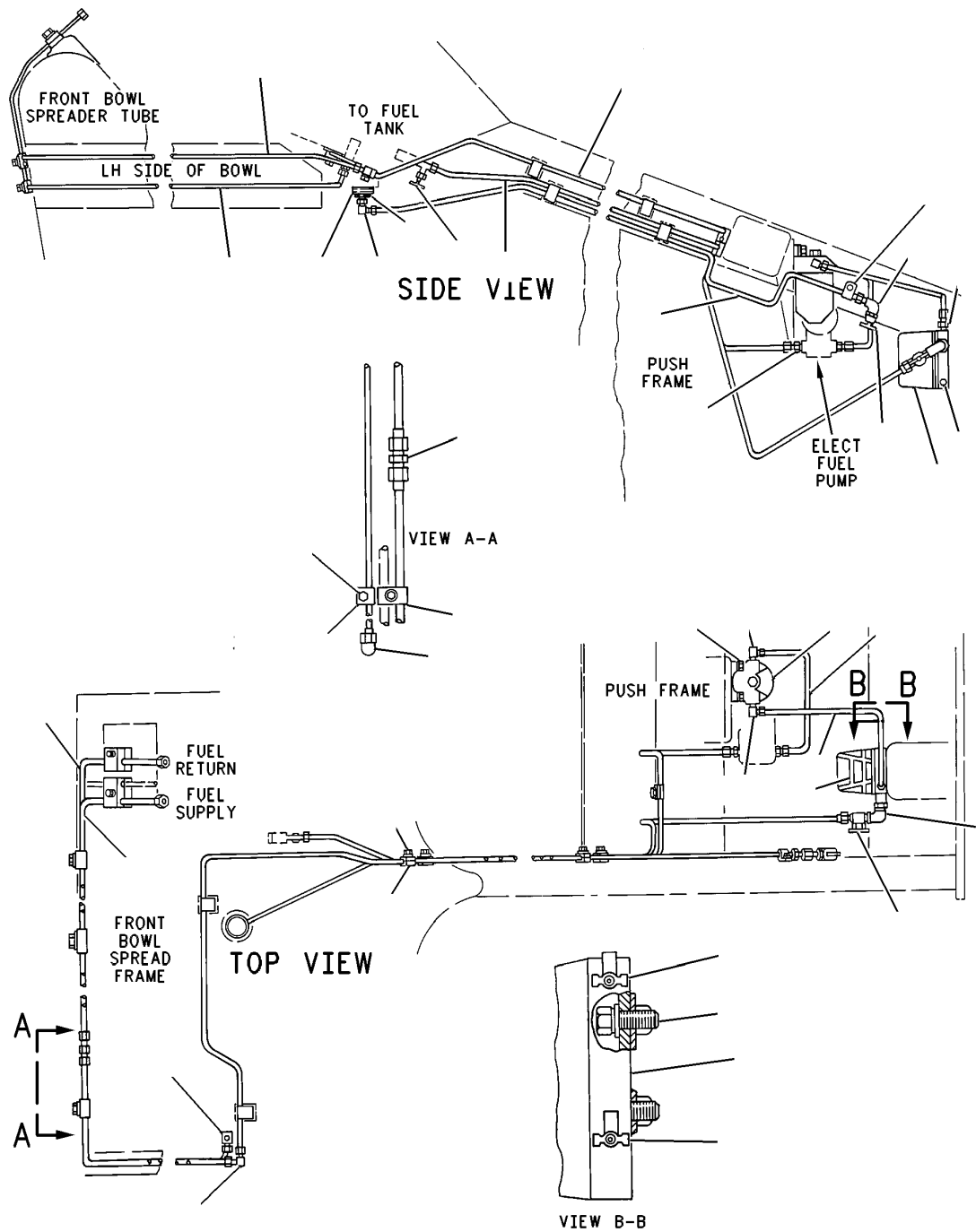


Ref.	Part number	Description	Qty	Code	Group page
1	8H-2778	SEAL-RING (PRIMARY FUEL FILTER)	1		
2	1N-3583	BASE-FUEL FILTER	1		
3	2J-0157	SEAL-O-RING	1		
4	7N-1628	NUT (3/8-24-THD)	1		
5	1L-3769	RING-RETAINING	1		
6	7S-9323	SPRING	1		
7	2H-3429	RING-RETAINING	1		
8	7H-9678	RETAINER-ELEMENT	1		
9	8H-2810	CASE AS-FILTER	1		
10	9M-2341	FILTER ELEMENT-WTR SEP & FUEL (STANDARD EFFICIENCY)	1		

2T-0396 LINES GP-FUEL FILTER

2T-0396 LINES GP-FUEL FILTER S/N 93X1-898 PART OF 2T-0289 SCRAPER AR

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	2T-1464	TUBE AS	1		
2	2T-0386	TUBE AS	1		
3	6B-5072	ADAPTER	1		
4	2F-3360	BUSHING-REDUCER	1		
5	032-1268	CONNECTOR (90-DEG)	1		

2T-0396 LINES GP-FUEL FILTER (continued)

Ref.	Part number	Description	Qty	Code	Group page
6	6V-6844	VALVE-DRAIN	1		
7	2T-0919	TUBE AS	1		
8	2T-0921	TUBE AS	1		
9	2T-0946	TUBE AS	1		
10	032-1267	CONNECTOR (STRAIGHT)	2		
11	5P-9297	CLIP (LOOP)	1		
12	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	1		
13	0T-0102	BOLT (3/8-16X0.625-IN)	1		
14	5P-1883	ELBOW-FLARED	1	C	
15	3B-9071	COCK-DRAIN	1	C	
16	3K-8460	PLUG (1/2-20-THD)	1		
17	8N-9803	FILTER-FUEL (WATER SEPARATOR)	1		
18	1J-9671	SEAL-O-RING	2		
19	5P-2618	CONNECTOR	1		
20	9F-6580	BOLT (1/4-20X1.125-IN)	4	C	
21	2T-1394	PLATE-COVER	4	C	
22	2T-1395	INSERT	4	C	
23	2T-1396	CLAMP	8		
24	0S-1616	BOLT (1/4-20X1-IN)	10		
25	5P-0537	WASHER-HARD (7.2X14.5X2-MM THK)	10		
26	2T-1397	CLAMP	20		
27	6V-6844	VALVE-DRAIN	1		
28	6V-2611	VALVE (DRAIN)	2		
29	0S-1594	BOLT (3/8-16X1-IN)	2		
30	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	4		
31	2T-0918	TUBE AS	1		
32	2T-1465	TUBE AS	1		
33	8H-4681	FILTER GP-PRIMARY FUEL	1	Y	
34	2N-8037	ELBOW	2		
35	0S-1588	BOLT (3/8-16X1.25-IN)	2		
36	7J-8611	ELBOW-PIPE	1		
37	061-8257	ELBOW-FLARED	1		
38	8L-6557	CONNECTOR	1	C	
39	2T-0828	TUBE AS	1		
40	2T-0385	TUBE AS	1		
41	8N-9802	CLAMP	1		

2T-0396 LINES GP-FUEL FILTER (continued)

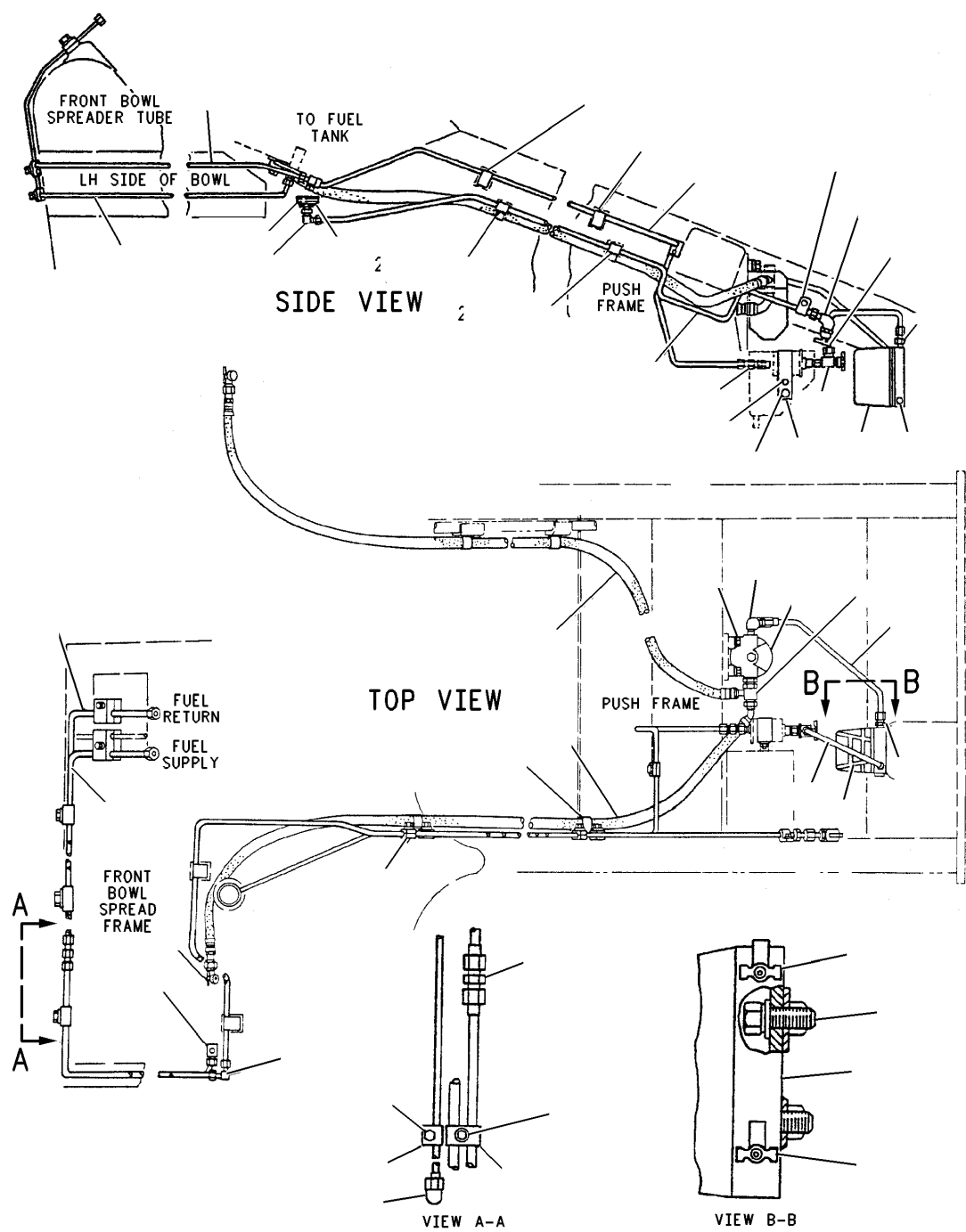
Ref.	Part number	Description	Qty	Code	Group page
42	8N-9801	BASE-SEPARATOR	1		
43	067-6495	ELBOW-FLARED	1	C	
44	7K-4129	UNION-FLARED	1		
45	1J-9671	SEAL-O-RING	3		
46	5P-4675	ADAPTER	1		

CAT codes: C, Y.

2T-0396 LINES GP-FUEL FILTER

2T-0396 LINES GP-FUEL FILTER S/N 93X899-1611 PART OF 2T-0289 SCRAPER AR

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	2T-1464	TUBE AS	1		
2	2T-0386	TUBE AS	1		
3	6B-5072	ADAPTER	1		
4	2F-3360	BUSHING-REDUCER	1		
5	032-1268	CONNECTOR (90-DEG)	1		

2T-0396 LINES GP-FUEL FILTER (continued)

Ref.	Part number	Description	Qty	Code	Group page
6	9F-6580	BOLT (1/4-20X1.125-IN)	6	C	
7	0S-0509	BOLT (3/8-16X0.75-IN)	1	C	
8	2T-0921	TUBE AS	1		
9	2T-0946	TUBE AS	1		
10	032-1267	CONNECTOR (STRAIGHT)	1	C	
11	5P-9297	CLIP (LOOP)	1		
12	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	5	C	
13	0T-0102	BOLT (3/8-16X0.625-IN)	1		
14	5P-1883	ELBOW-FLARED	1		
15	3B-9071	COCK-DRAIN	1		
16	3K-8460	PLUG (1/2-20-THD)	1		
17	8N-9803	FILTER-FUEL (WATER SEPARATOR)	1		
18	1J-9671	SEAL-O-RING	4		
19	8T-5043	ADAPTER	1	C	
20	7P-2130	VALVE-NEEDLE	1	C	
21	0S-1588	BOLT (3/8-16X1.25-IN)	1	C	
22	2T-2218	CLAMP	1	C	
23	2T-1398	CLAMP	4	C	
24	4J-8265	NUT (3/8-16-THD)	1	C	
25	2T-1394	PLATE-COVER	4		
	2T-1395	INSERT	4		
26	7K-4129	UNION-FLARED	1		
27	6V-2611	VALVE (DRAIN)	2		
28	0S-1594	BOLT (3/8-16X1-IN)	2		
29	8N-9801	BASE-SEPARATOR	1		
30	2T-1396	CLAMP	8		
31	2T-1397	CLAMP	8	C	
32	0S-1616	BOLT (1/4-20X1-IN)	7	C	
33	067-6495	ELBOW-FLARED	1		
34	5P-0537	WASHER-HARD (7.2X14.5X2-MM THK)	9	C	
35	6V-8781	TEE	1	C	
36	2T-2234	TUBE AS	1	C	
37	8T-5043	ADAPTER	1	C	
38	7P-2130	VALVE-NEEDLE	1	C	
39	1J-9671	SEAL-O-RING	1		
40	2T-2233	TUBE AS	1	C	

2T-0396 LINES GP-FUEL FILTER (continued)

Ref.	Part number	Description	Qty	Code	Group page
41	2T-1397	CLAMP	10		
42	6D-4246	CLIP (LOOP)	5	C	
43	5P-6944	ADAPTER	1	C	
	3J-1907	SEAL-O-RING	1	C	
44	3K-0360	SEAL-O-RING	2	C	
45	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	2	C	
46	2T-2252	HOSE AS	1	CI	
47	2T-2253	HOSE AS	1	CI	
48	7W-7831	FILTER GP-PRIMARY FUEL	1	CY	
49	6V-8723	ELBOW	1	C	
50	0S-1588	BOLT (3/8-16X1.25-IN)	2		
51	6V-8397	SEAL-O-RING	2	C	
52	061-8257	ELBOW-FLARED	1		
53	8L-6557	CONNECTOR	1		
54	2T-0828	TUBE AS	1		
55	2T-0385	TUBE AS	1		
56	8N-9802	CLAMP	1		

CAT codes: C, I, Y.

MANUALS-KOMATSU.COM

Complete Caterpillar PDF Parts Catalogue

93X-SEBP1458

\$99

Buy on this catalogue page in our store.

Download instructions are sent after payment confirmation.

Buy complete PDF - \$99