

CATERPILLAR 631D

39W / HEBP1070

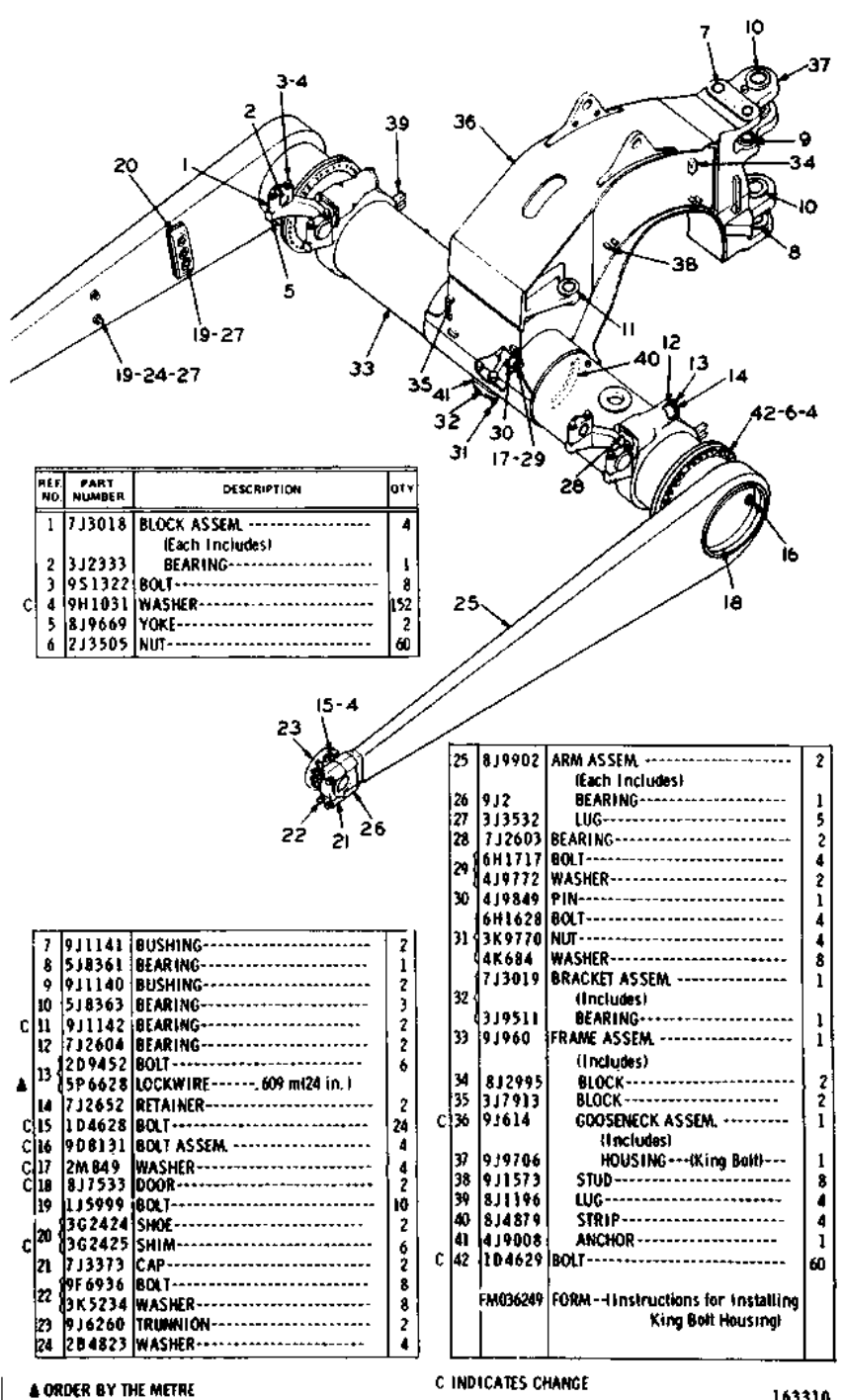
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Power train	2

9J-0001 FRAME GP-DRAFT

9J1 DRAFT FRAME GROUP Serial No. 39W1 to 39W834 inclusive

Drawing 1 of 1



▲ ORDER BY THE METRE

C INDICATES CHANGE

163310

Ref.	Part number	Description	Qty	Code	Group page
1	7J-3018	BLOCK ASSEM.	4		
	(Each Includes)				
2	3J-2333	BEARING	1		
3	9S-1322	BOLT	8		
4	9H-1031	WASHER	152	C	

9J-0001 FRAME GP-DRAFT (continued)

Ref.	Part number	Description	Qty	Code	Group page
5	8J-9669	YOKE	2		
6	2J-3505	NUT	60		
7	9J-1141	BUSHING	2		
8	5J-8361	BEARING	1		
9	9J-1140	BUSHING	2		
10	5J-8363	BEARING	3		
11	9J-1142	BEARING	2	C	
12	7J-2604	BEARING	2		
13	2D-9452	BOLT	6		
	5P-6628	LOCKWIRE .609 m(24 in.)		H	
14	7J-2652	RETAINER	2		
15	1D-4628	BOLT	24	C	
16	9D-8131	BOLT ASSEM.	4	C	
17	2M-0849	WASHER	4	C	
18	8J-7533	DOOR	2	C	
19	1J-5999	BOLT	10		
20	3G-2424	SHOE	2		
	3G-2425	SHIM	6	C	
21	7J-3373	CAP	2		
22	9F-6936	BOLT	8		
	3K-5234	WASHER	8		
23	9J-6260	TRUNNION	2		
24	2B-4823	WASHER	4		
25	8J-9902	ARM ASSEM.	2		
(Each Includes)					
26	9J-0002	BEARING	1		
27	3J-3532	LUG	5		
28	7J-2603	BEARING	2		
29	6H-1717	BOLT	4		
	4J-9772	WASHER	2		
30	4J-9849	PIN	1		
31	6H-1628	BOLT	4		
	3K-9770	NUT	4		
	4K-0684	WASHER	8		
32	7J-3019	BRACKET ASSEM.	1		
(Includes)					

9J-0001 FRAME GP-DRAFT (continued)

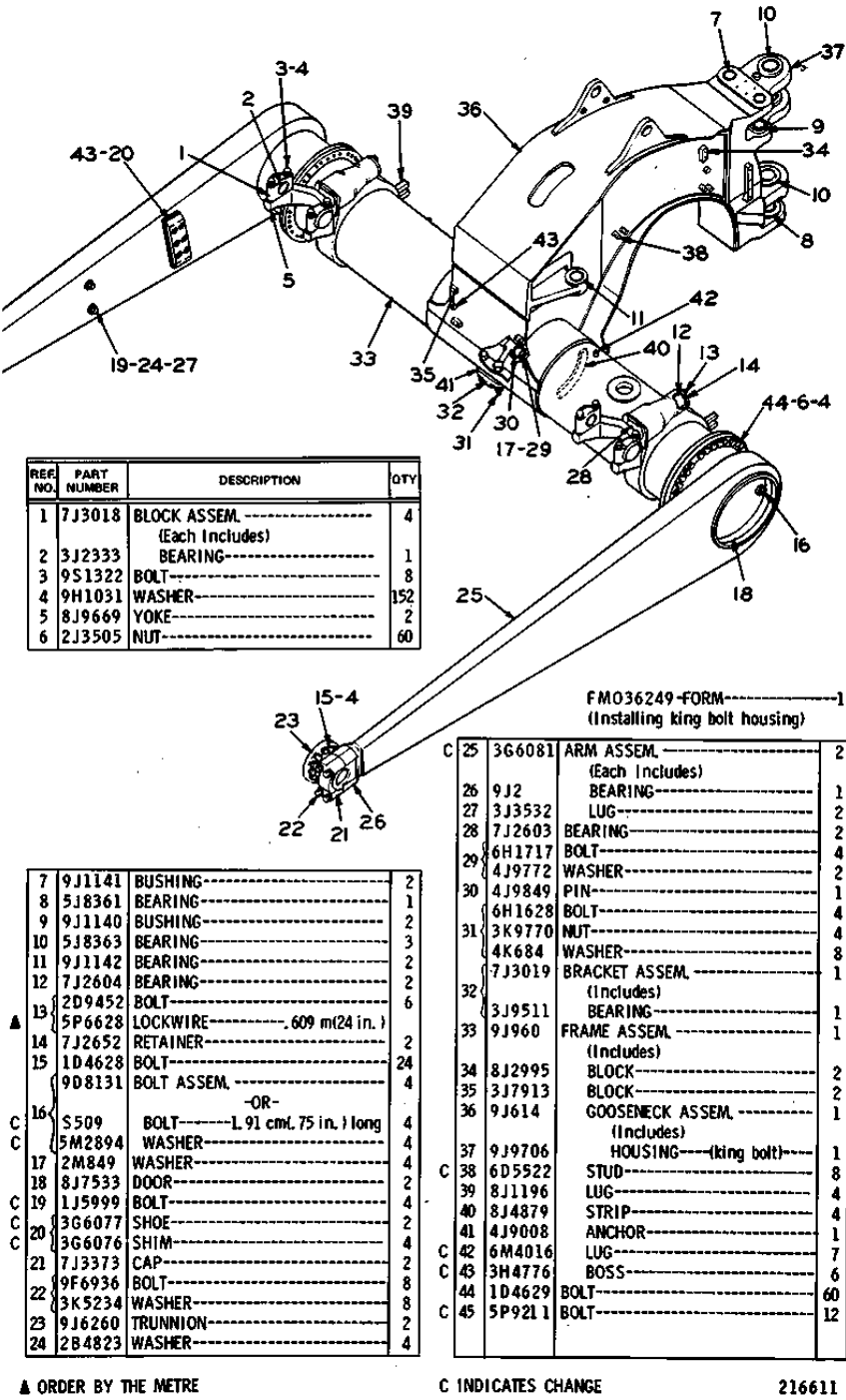
Ref.	Part number	Description	Qty	Code	Group page
	3J-9511	BEARING	1		
33	9J-0960	FRAME ASSEM.	1		
(Includes)					
34	8J-2995	BLOCK	2		
35	3J-7913	BLOCK	2		
36	9J-0614	GOOSENECK ASSEM.	1	C	
(Includes)					
37	9J-9706	HOUSING (King Bolt)	1		
38	9J-1573	STUD	8		
39	8J-1196	LUG	4		
40	8J-4879	STRIP	4		
41	4J-9008	ANCHOR	1		
42	1D-4629	BOLT	60	C	

CAT codes: C, H.

9J-0001 FRAME GP-DRAFT

9J1 DRAFT FRAME GROUP Serial No. 39W835-Up

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	7J-3018	BLOCK ASSEM.	4		
		(Each Includes)			
2	3J-2333	BEARING	1		
3	9S-1322	BOLT	8		
4	9H-1031	WASHER	152		

9J-0001 FRAME GP-DRAFT (continued)

Ref.	Part number	Description	Qty	Code	Group page
5	8J-9669	YOKE	2		
6	2J-3505	NUT	60		
7	9J-1141	BUSHING	2		
8	5J-8361	BEARING	1		
9	9J-1140	BUSHING	2		
10	5J-8363	BEARING	3		
11	9J-1142	BEARING	2		
12	7J-2604	BEARING	2		
13	2D-9452	BOLT	6		
	5P-6628	LOCKWIRE .609 m(24 in.)		H	
14	7J-2652	RETAINER	2		
15	1D-4628	BOLT	24		
16	9D-8131	BOLT ASSEM.	4		
OR alternate consist option CAT source: -OR-					
	0S-0509	BOLT 1.91 cm(.75 in.) long	4	C	
	5M-2894	WASHER	4	C	
17	2M-0849	WASHER	4		
18	8J-7533	DOOR	2		
19	1J-5999	BOLT	4	C	
20	3G-6077	SHOE	2	C	
	3G-6076	SHIM	4	C	
21	7J-3373	CAP	2		
22	9F-6936	BOLT	8		
	3K-5234	WASHER	8		
23	9J-6260	TRUNNION	2		
24	2B-4823	WASHER	4		
25	3G-6081	ARM ASSEM.	2	C	
(Each Includes)					
26	9J-0002	BEARING	1		
27	3J-3532	LUG	2		
28	7J-2603	BEARING	2		
29	6H-1717	BOLT	4		
	4J-9772	WASHER	2		
30	4J-9849	PIN	1		
31	6H-1628	BOLT	4		
	3K-9770	NUT	4		

9J-0001 FRAME GP-DRAFT (continued)

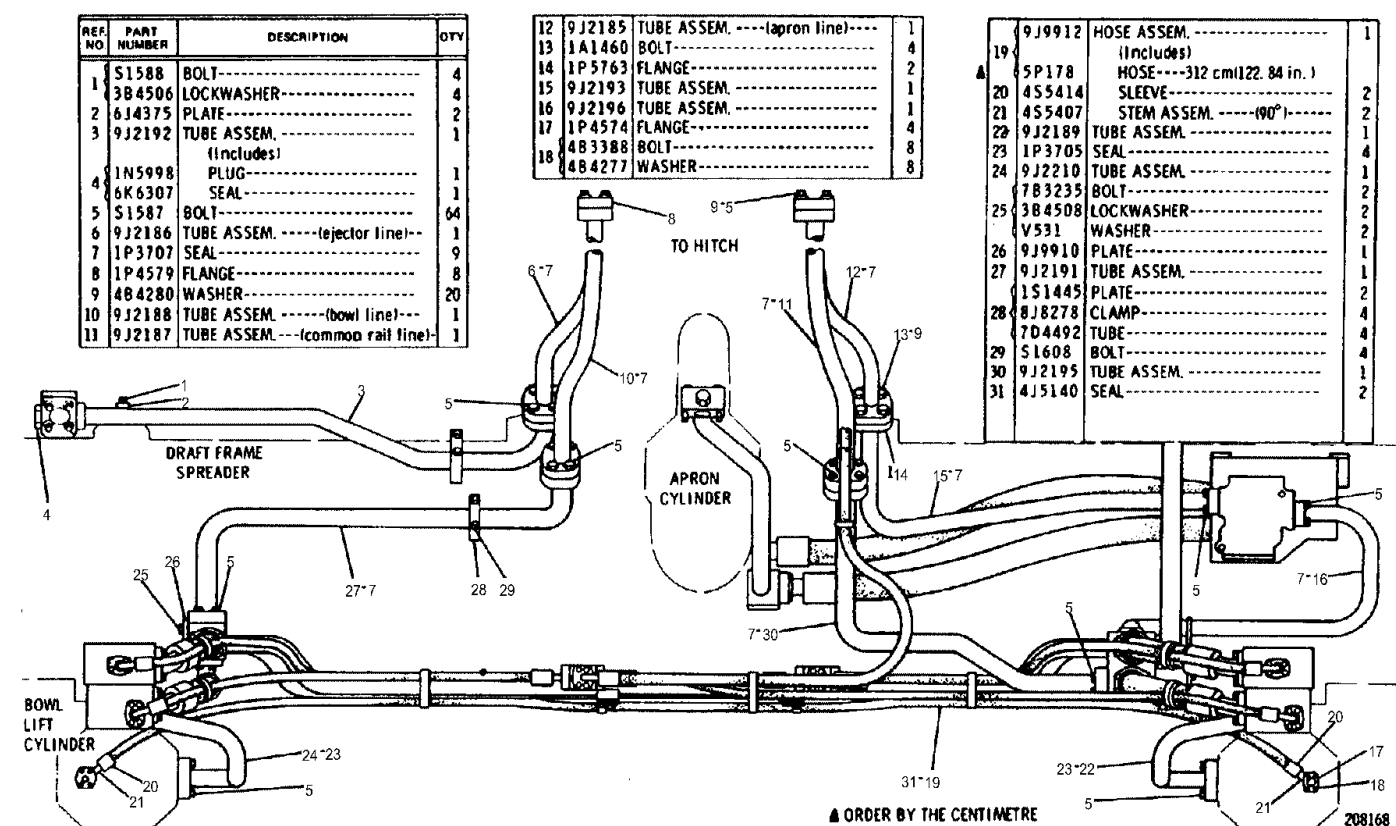
Ref.	Part number	Description	Qty	Code	Group page
	4K-0684	WASHER	8		
32	7J-3019	BRACKET ASSEM.	1		
(Includes)					
	3J-9511	BEARING	1		
33	9J-0960	FRAME ASSEM.	1		
(Includes)					
34	8J-2995	BLOCK	2		
35	3J-7913	BLOCK	2		
36	9J-0614	GOOSENECK ASSEM.	1		
(Includes)					
37	9J-9706	HOUSING (king bolt)	1		
38	6D-5522	STUD	8	C	
39	8J-1196	LUG	4		
40	8J-4879	STRIP	4		
41	4J-9008	ANCHOR	1		
42	6M-4016	LUG	7	C	
43	3H-4776	BOSS	6	C	
44	1D-4629	BOLT	60		
45	5P-9211	BOLT	12	C	

CAT codes: C, H.

9J-1389 LINES GP-DRAFT FRAME

9J1389 DRAFT FRAME LINES GROUP--As Viewed from Rear of Scraper--Part 1 of 3 Serial No. 39W1 to 787 and 39W799 to 39W803 inclusive

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	0S-1588	BOLT	4		
	3B-4506	LOCKWASHER	4		
2	6J-4375	PLATE	2		
3	9J-2192	TUBE ASSEM.	1		
(Includes)					
4	1N-5998	PLUG	1		
	6K-6307	SEAL	1		
5	0S-1587	BOLT	64		
6	9J-2186	TUBE ASSEM. (ejector line)	1		
7	1P-3707	SEAL	9		
8	1P-4579	FLANGE	8		
9	4B-4280	WASHER	20		
10	9J-2188	TUBE ASSEM. (bowl line)	1		
11	9J-2187	TUBE ASSEM. (common rail line)	1		
12	9J-2185	TUBE ASSEM. (apron line)	1		
13	1A-1460	BOLT	4		

9J-1389 LINES GP-DRAFT FRAME (continued)

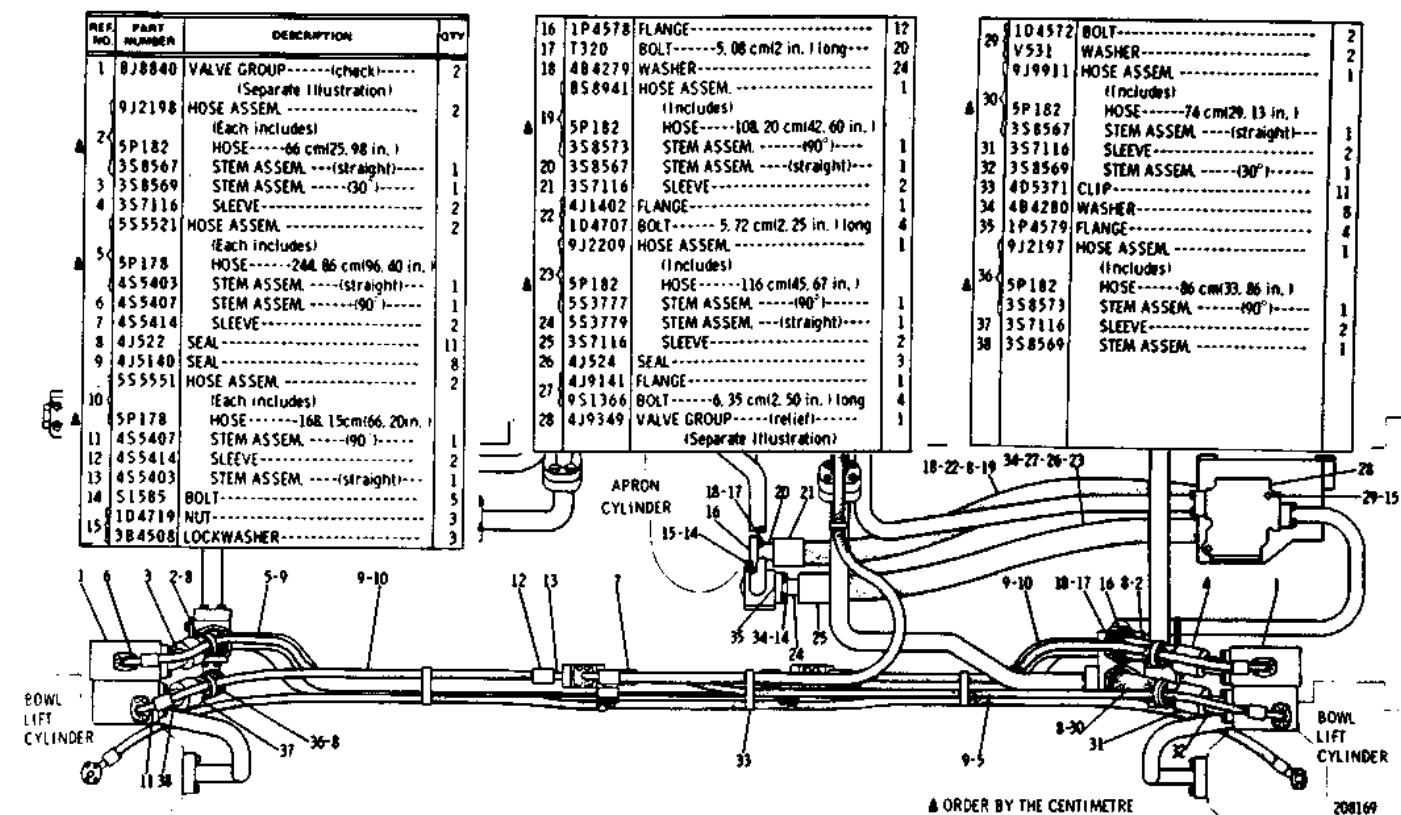
Ref.	Part number	Description	Qty	Code	Group page
14	1P-5763	FLANGE	2		
15	9J-2193	TUBE ASSEM.	1		
16	9J-2196	TUBE ASSEM.	1		
17	1P-4574	FLANGE	4		
18	4B-3388	BOLT	8		
	4B-4277	WASHER	8		
19	9J-9912	HOSE ASSEM.	1		
(Includes)					
	5P-0178	HOSE 312 cm(122.84 in.)		H	
20	4S-5414	SLEEVE	2		
21	4S-5407	STEM ASSEM. (90 degrees)	2		
22	9J-2189	TUBE ASSEM.	1		
23	1P-3705	SEAL	4		
24	9J-2210	TUBE ASSEM.	1		
25	7B-3235	BOLT	2		
	3B-4508	LOCKWASHER	2		
	0V-0531	WASHER	2		
26	9J-9910	PLATE	1		
27	9J-2191	TUBE ASSEM.	1		
28	1S-1445	PLATE	2		
	8J-8278	CLAMP	4		
	7D-4492	TUBE	4		
29	0S-1608	BOLT	4		
30	9J-2195	TUBE ASSEM.	1		
31	4J-5140	SEAL	2		

CAT codes: H.

9J-1389 LINES GP-DRAFT FRAME

9J1389 DRAFT FRAME LINES GROUP--As Viewed from Rear of Scraper--Part 2 of 3 Serial No. 39W1 to 787 and 39W799 to 39W803 inclusive 8J8840 and 4J9349 Valve parts are shown on Pages 8 and 9

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	8J-8840	VALVE GROUP (check) (Separate Illustration)	2	Y	
2	9J-2198	HOSE ASSEM. (Each includes)	2		
	5P-0182	HOSE 66 cm(25.98 in.)		H	
	3S-8567	STEM ASSEM. (straight)	1		
3	3S-8569	STEM ASSEM. (30 degrees)	1		
4	3S-7116	SLEEVE	2		
5	5S-5521	HOSE ASSEM. (Each includes)	2		
	5P-0178	HOSE 244.86 cm(96.40 in.)		H	
	4S-5403	STEM ASSEM. (straight)	1		
6	4S-5407	STEM ASSEM. (90 degrees)	1		
7	4S-5414	SLEEVE	2		
8	4J-0522	SEAL	11		
9	4J-5140	SEAL	8		

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