

CATERPILLAR BP22

8HZ / SEBP3142

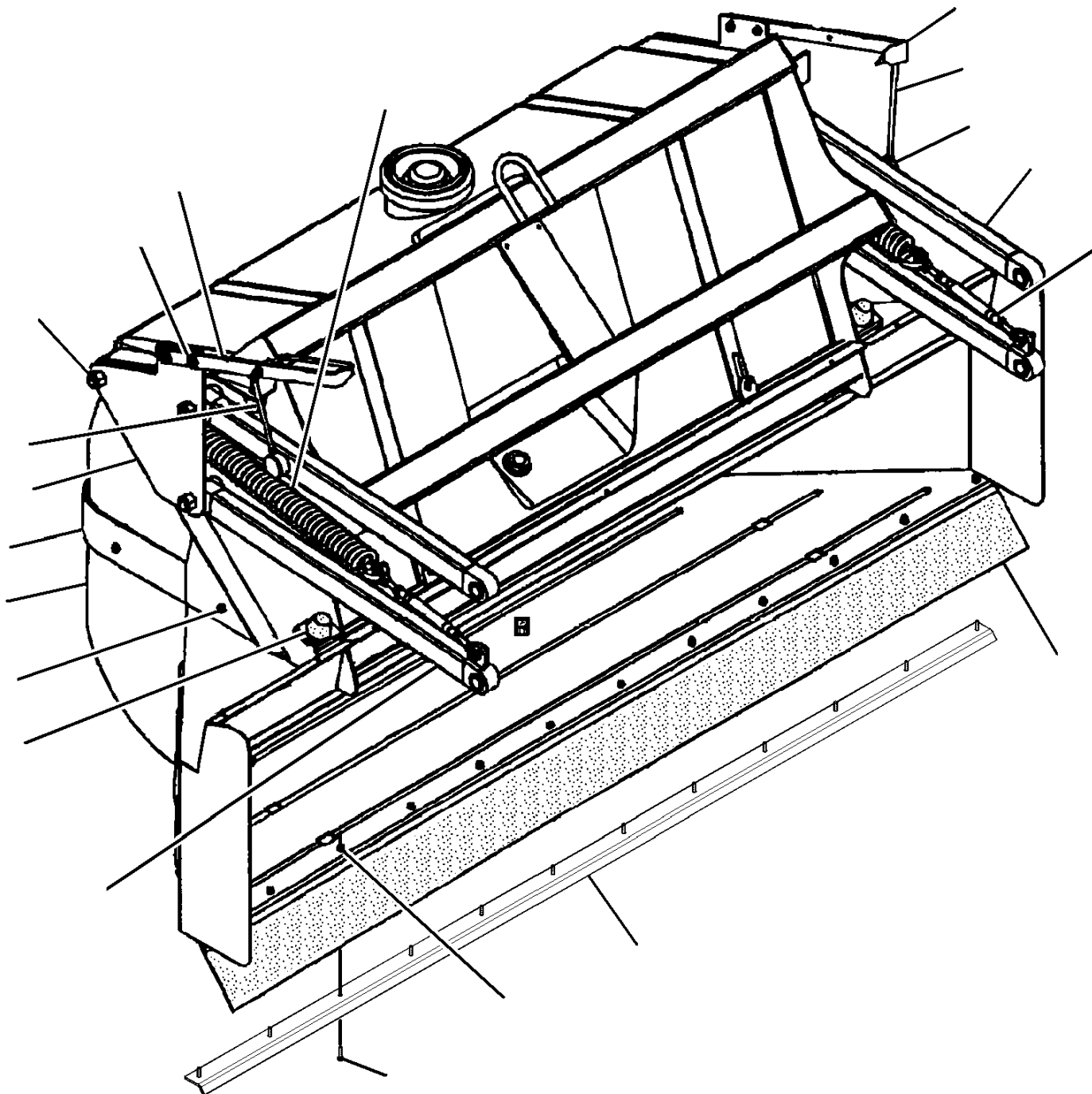
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Basic engine	

166-4088 FRAME GP-BROOM

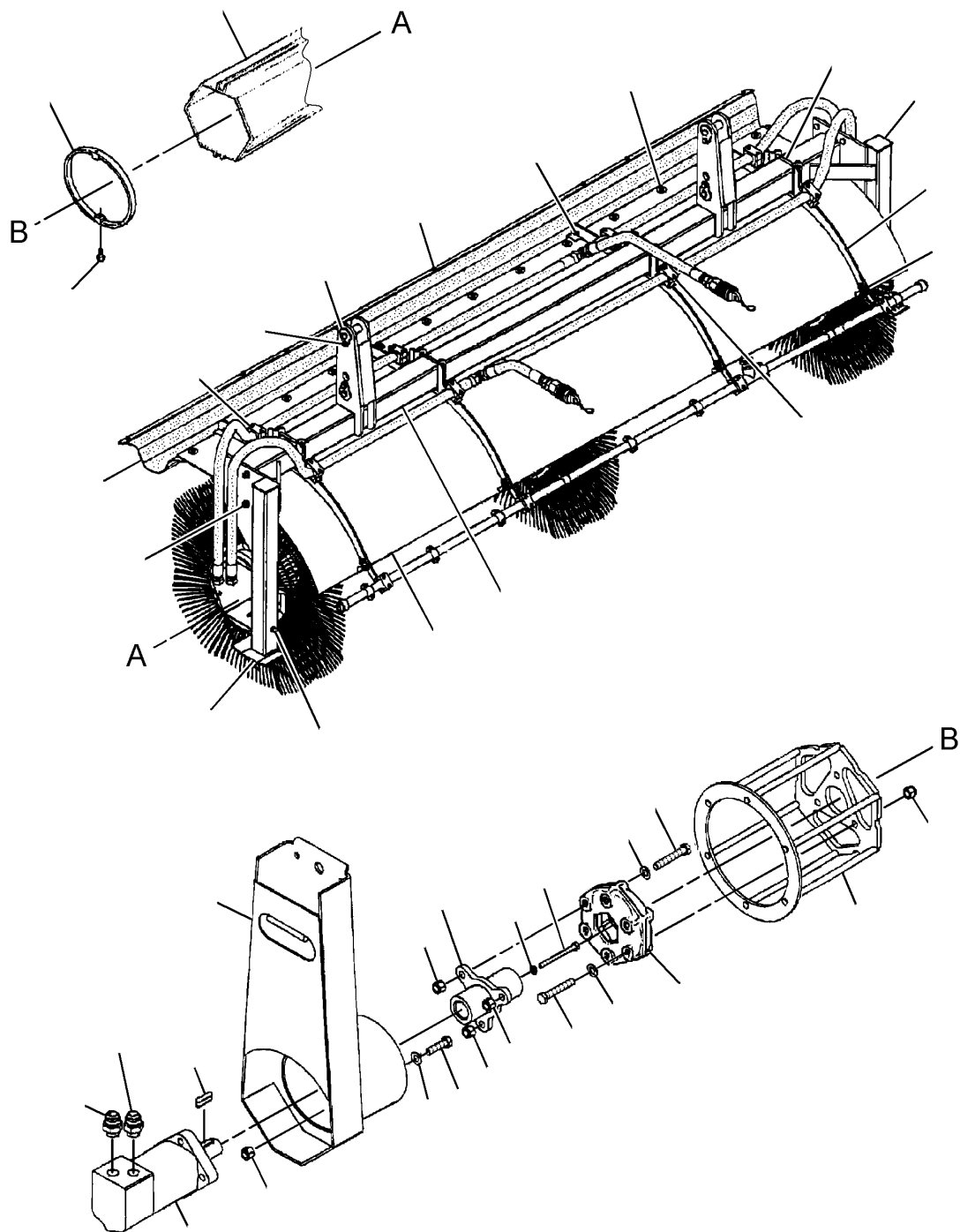
166-4088 FRAME GP-BROOM S/N 8HZ1-UP PART OF 155-5021 BROOM AR-PICKUP Type 1

Drawing 1 of 2



166-4088 FRAME GP-BROOM (continued)

Drawing 2 of 2



Ref.	Part number	Description	Qty	Code	Group page
1	6V-7357	BOLT (M6X1X25-MM)	34	M	
2	6V-7687	LOCKNUT (M12X1.75-THD)	14	M	
3	6V-7688	LOCKNUT (M20X2.5-THD)	6	M	
4	6V-7743	LOCKNUT (M6X1-THD)	43	M	
5	6V-8642	CONNECTOR	2		
6	7J-9108	SEAL-O-RING	2		

166-4088 FRAME GP-BROOM (continued)

Ref.	Part number	Description	Qty	Code	Group page
7	7X-2537	BOLT (M8X1.25X35-MM)	4	M	
8	7X-2539	BOLT (M8X1.25X110-MM)	4	M	
9	8C-0572	WASHER (8.8X25.5X2-MM THK)	6		
10	8C-6504	SEAL-BONDED	2		
11	8T-0389	LOCKNUT (M10X1.5-THD)	8	M	
12	8T-4123	WASHER (3.62X5.75X0.375-MM THK)	4		
13	8T-4138	BOLT (M6X1X20-MM)	11	M	
14	8T-4177	BOLT (M8X1.25X90-MM)	1	M	
15	8T-4184	BOLT (M12X1.75X45-MM)	4	M	
16	8T-4189	BOLT (M8X1.25X20-MM)	10	M	
17	8T-4195	BOLT (M10X1.5X30-MM)	8	M	
18	8T-4200	BOLT (M8X1.25X16-MM)	4	M	
19	8T-4223	WASHER-HARD (13.5X25.5X3-MM THK)	10		
20	8T-4224	WASHER-HARD (8.8X16X2-MM THK)	5		
21	8T-4778	LOCKNUT (M16X2-THD)	4	M	
22	8T-6868	BOLT (M12X1.75X80-MM)	6	M	
23	8T-7547	BOLT (M8X1.25X30-MM)	4	M	
24	087-4666	LOCKNUT (M8X1.25-THD)	28	M	
25	095-0743	SCREW (M6X1X35-MM)	8	M	
26	104-5604	WASHER (7.2X25X2-MM THK)	12		
27	138-3417	COUPLING	1		
28	138-3419	CARRIER	2		
29	138-3423	RING-CLAMP	2		
30	138-3440	PIN AS	2		
31	138-3572	CAP-PLASTIC	2		
32	138-9531	LIMITER	1		
33	138-9532	INDICATOR GP-HEIGHT	1	Y	
34	139-0428	CLAMP	8		
35	139-1407	KEY	1		
36	155-5031	BUSHING	16		
37	156-1550	BRACKET	2		
38	156-1551	CORE-BRUSH	2		
39	156-1554	CORE-BRUSH	1		
40	156-1555	COVER-BRUSH	1		
41	156-1557	HOLDER	8		
42	201-3298	MOTOR GP-BROOM	1		

166-4088 FRAME GP-BROOM (continued)

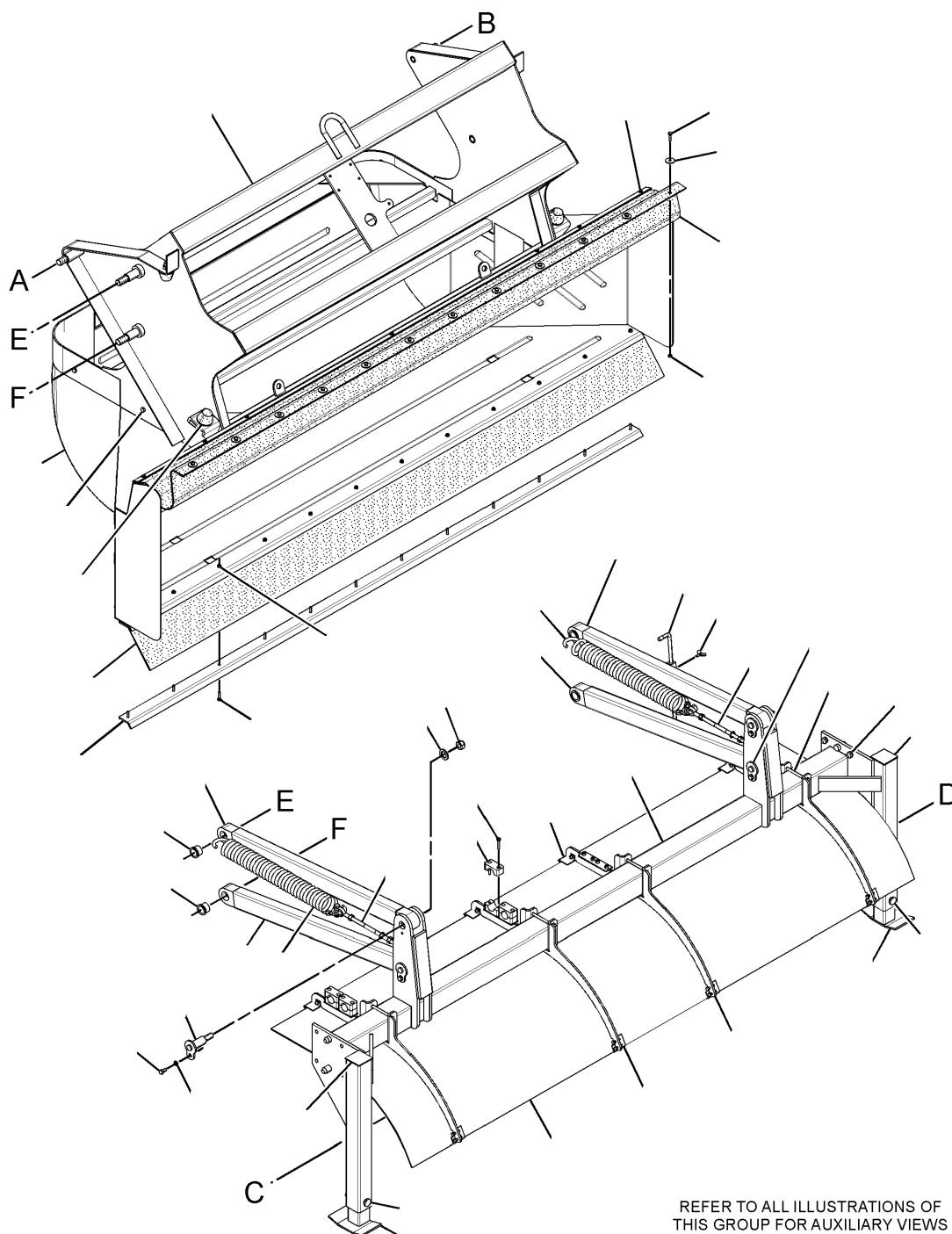
Ref.	Part number	Description	Qty	Code	Group page
43	159-0901	STRIP-RUBBER	1		
44	160-1750	PLATE	2		
45	160-1753	BRACKET	2		
46	160-1754	BRACKET	2		
47	160-1755	TURNBUCKLE	2		
48	160-1765	PAD-RUBBER	4		
49	160-1772	SPRING	2		
50	160-1774	BRACKET (LH)	1		
51	160-1775	BRACKET (RH)	1		
52	160-1776	FRAME AS	1		
53	160-1780	INDICATOR	1		
54	160-1781	SCREW-SPECIAL	1		
55	160-4300	SUPPORT	2		
56	160-4312	PIN	4		
57	160-4316	RIB	4		
58	160-4321	STRIP	1		
59	165-6028	CONTAINER-DEBRIS	1		
60	165-7973	SHIELD-RUBBER	1		
61	165-8025	TUBE AS	1		

CAT codes: M, Y.

166-4088 FRAME GP-BROOM

166-4088 FRAME GP-BROOM S/N 8HZ1-UP PART OF 155-5021, 329-8639 BROOM AR-PICKUP Type 2

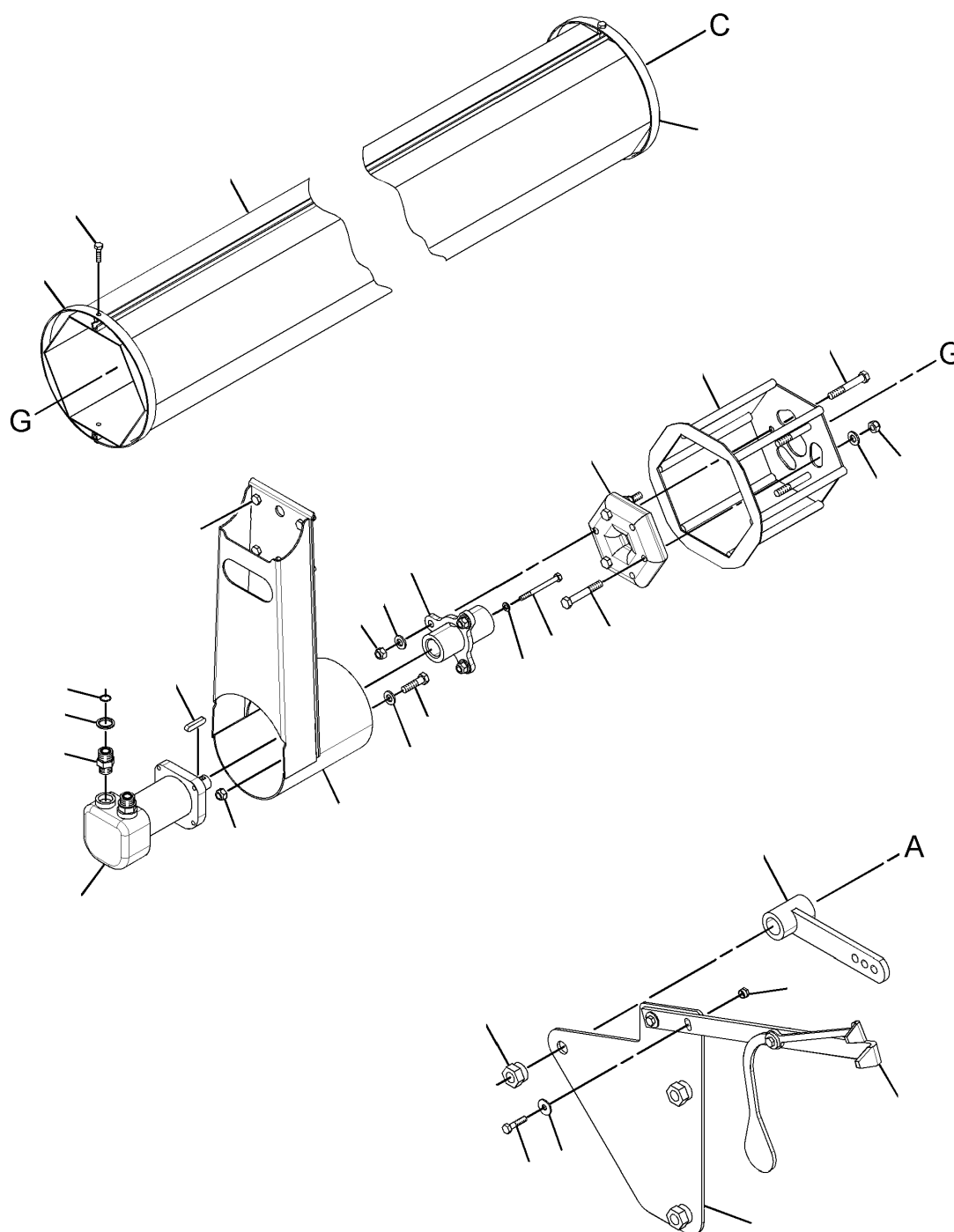
Drawing 1 of 3



REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

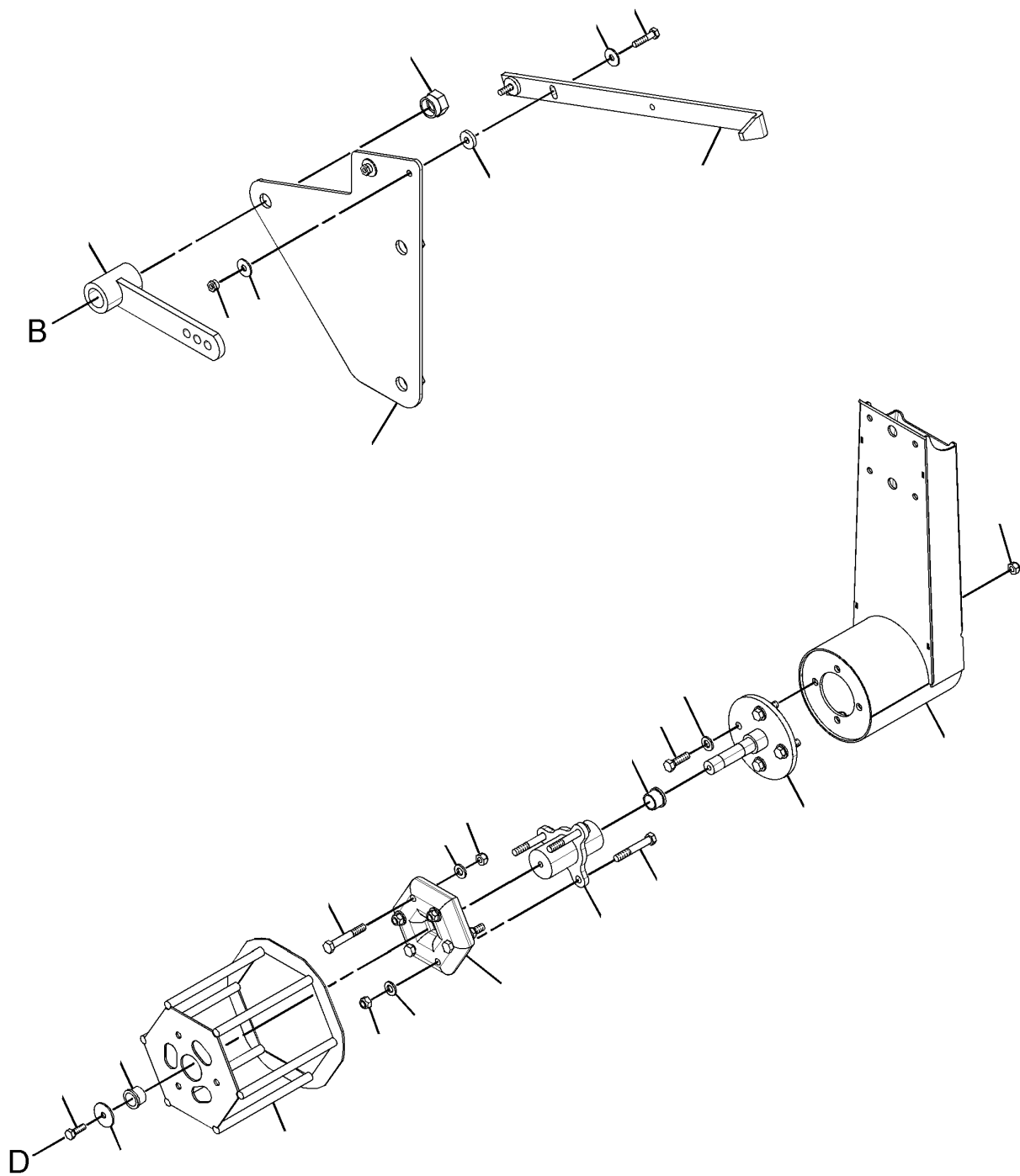
166-4088 FRAME GP-BROOM (continued)

Drawing 2 of 3



166-4088 FRAME GP-BROOM (continued)

Drawing 3 of 3



Ref.	Part number	Description	Qty	Code	Group page
1	6V-7357	BOLT (M6X1X25-MM)	32	CM	
2	6V-7687	LOCKNUT (M12X1.75-THD)	24	CM	
3	6V-7688	LOCKNUT (M20X2.5-THD)	6	M	
4	6V-7743	LOCKNUT (M6X1-THD)	43	M	
5	6V-8642	CONNECTOR	2		
6	7J-9108	SEAL-O-RING	2		

166-4088 FRAME GP-BROOM (continued)

Ref.	Part number	Description	Qty	Code	Group page
7	7X-0613	WASHER-HARD (8.8X25.5X5-MM THK)	2	C	
8	7X-2537	BOLT (M8X1.25X35-MM)	4	M	
9	7X-2539	BOLT (M8X1.25X110-MM)	4	M	
10	8C-0572	WASHER (8.8X25.5X2-MM THK)	6		
11	8C-6504	SEAL-BONDED	2		
12	8T-0389	LOCKNUT (M10X1.5-THD)	8	M	
13	8T-4123	WASHER (3.62X5.75X0.375-MM THK)	4		
14	8T-4138	BOLT (M6X1X20-MM)	11	M	
15	8T-4177	BOLT (M8X1.25X90-MM)	1	M	
16	8T-4183	BOLT (M12X1.75X40-MM)	4	CM	
17	8T-4184	BOLT (M12X1.75X45-MM)	4	M	
18	8T-4189	BOLT (M8X1.25X20-MM)	10	M	
19	8T-4195	BOLT (M10X1.5X30-MM)	9	CM	
20	8T-4200	BOLT (M8X1.25X16-MM)	4	M	
21	8T-4223	WASHER-HARD (13.5X25.5X3-MM THK)	20	C	
22	8T-4224	WASHER-HARD (8.8X16X2-MM THK)	5		
23	8T-4226	WASHER-PLATED (10.5X45X3-MM THK)	1	C	
24	8T-4778	LOCKNUT (M16X2-THD)	4	M	
25	8T-6868	BOLT (M12X1.75X80-MM)	12	CM	
26	8T-7547	BOLT (M8X1.25X30-MM)	4	M	
27	087-4666	LOCKNUT (M8X1.25-THD)	18	CM	
28	095-0743	SCREW (M6X1X35-MM)	8	M	
29	104-5604	WASHER (7.2X25X2-MM THK)	12		
30	138-3417	COUPLING	2	C	
31	138-3419	CARRIER	2		
32	138-3423	RING-CLAMP	2		
33	138-3440	PIN AS	2		
34	138-3572	CAP-PLASTIC	2		
35	138-9531	LIMITER	1		
36	138-9532	INDICATOR GP-HEIGHT	1	Y	
37	139-0428	CLAMP	8		
38	139-1407	KEY	1		
39	155-5031	BUSHING	18	C	
40	156-1550	BRACKET	2		
41	156-1554	CORE-BRUSH	1		
42	156-1555	COVER-BRUSH	1		

166-4088 FRAME GP-BROOM (continued)

Ref.	Part number	Description	Qty	Code	Group page
43	156-1557	HOLDER	8		
44	159-0901	STRIP-RUBBER	1		
45	160-1750	PLATE	2		
46	160-1753	BRACKET	2		
47	160-1754	BRACKET	1	C	
48	160-1755	TURNBUCKLE	2		
49	160-1765	PAD-RUBBER	4		
50	160-1772	SPRING	2		
51	160-1774	BRACKET (LH)	2	C	
52	160-1775	BRACKET (RH)	1		
53	160-1776	FRAME AS	1		
54	160-1780	INDICATOR	1		
55	160-1781	SCREW-SPECIAL	1		
56	160-4300	SUPPORT	2		
57	160-4312	PIN	4		
58	160-4321	STRIP	1		
59	165-6028	CONTAINER-DEBRIS	1		
60	165-7973	SHIELD-RUBBER	1		
61	165-8025	TUBE AS	1		
62	198-6922	AXLE	1	C	
63	198-7749	CORE-BRUSH	1	C	
64	201-3298	MOTOR GP-BROOM	1	J	
65	308-0589	RIB	4	C	
66	156-1551	CORE-BRUSH	1		
AVAILABLE REPAIR KIT(S):					
	158-6329	KIT-SEAL (BROOM MOTOR)	1	J	

CAT codes: C, J, M, Y.

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