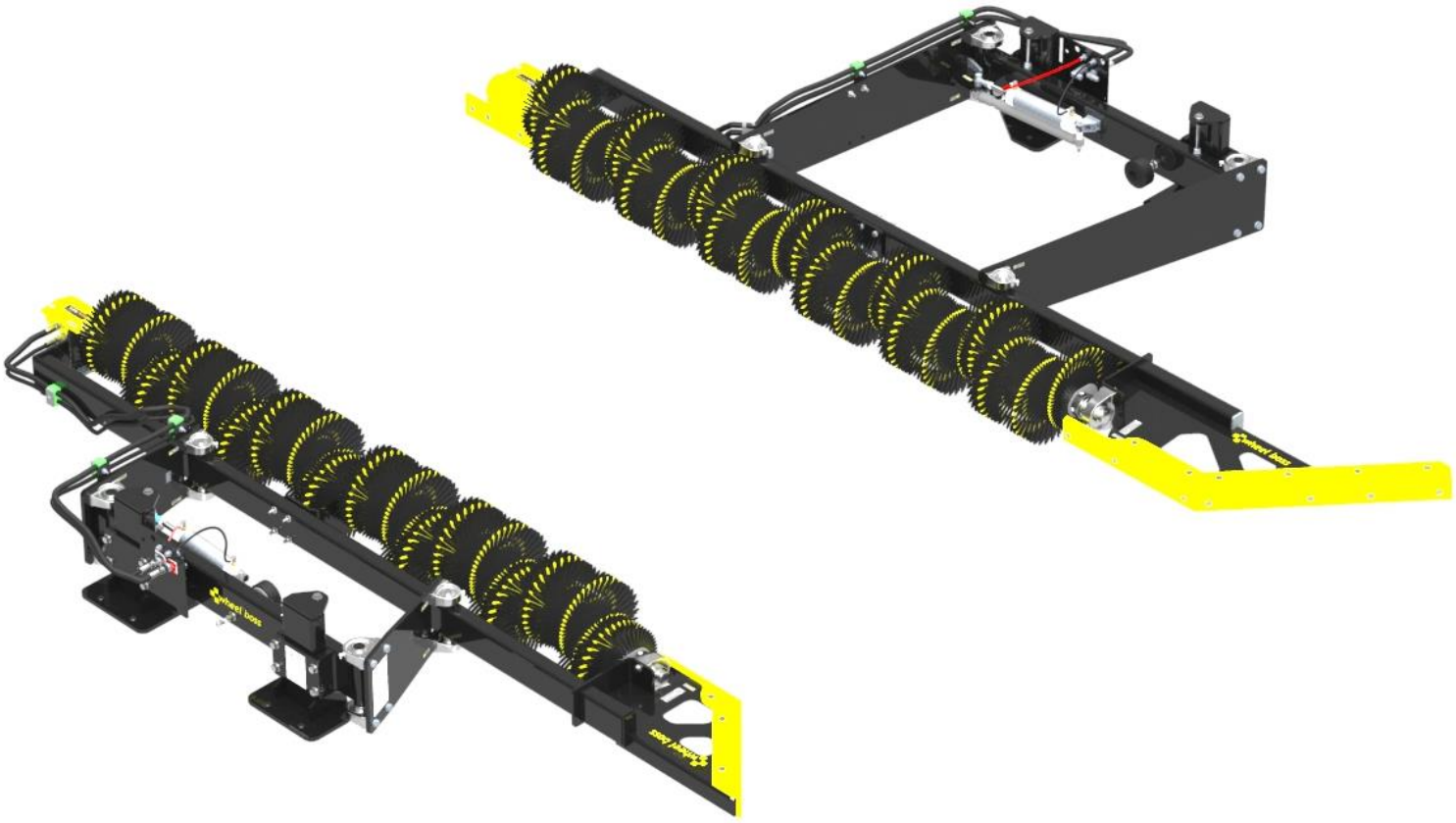
WHEEL BOSS MW-2000 (7 FT) – HYDRAULICS



Toll Free: 800-361-7797
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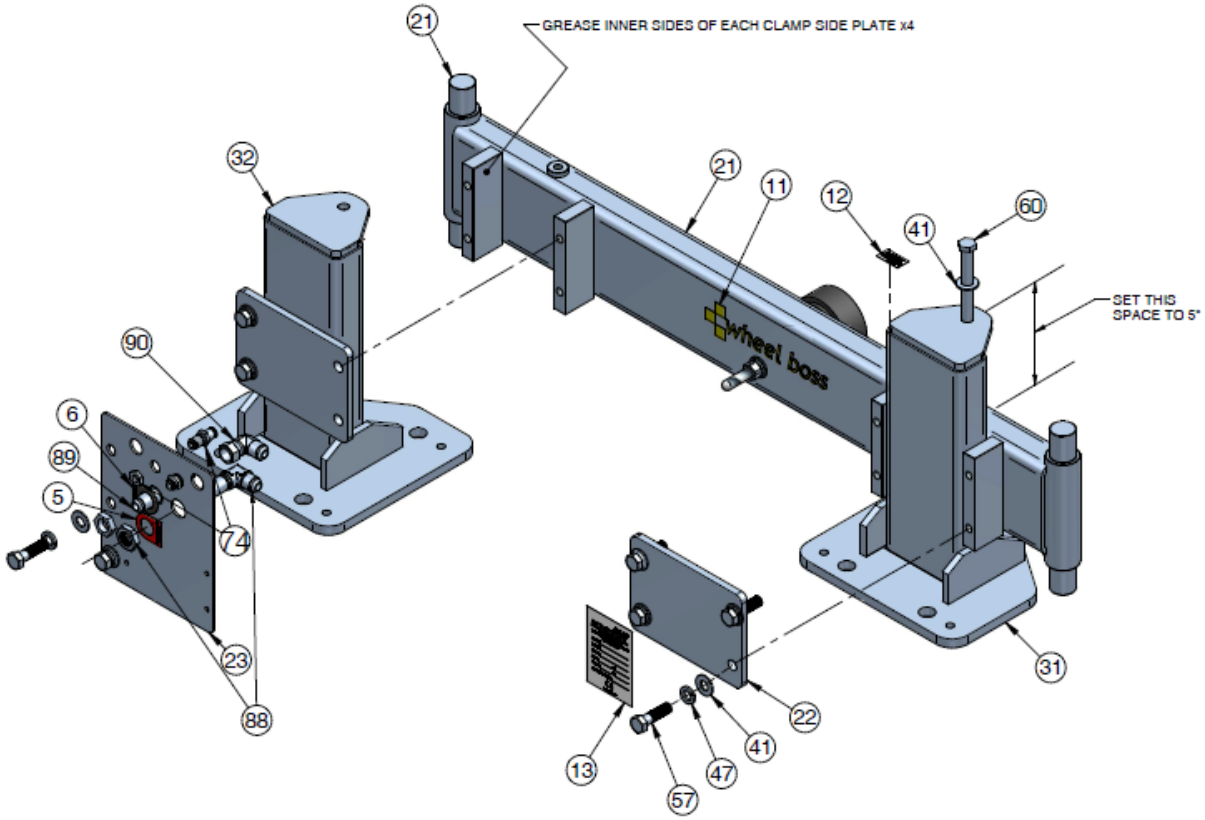
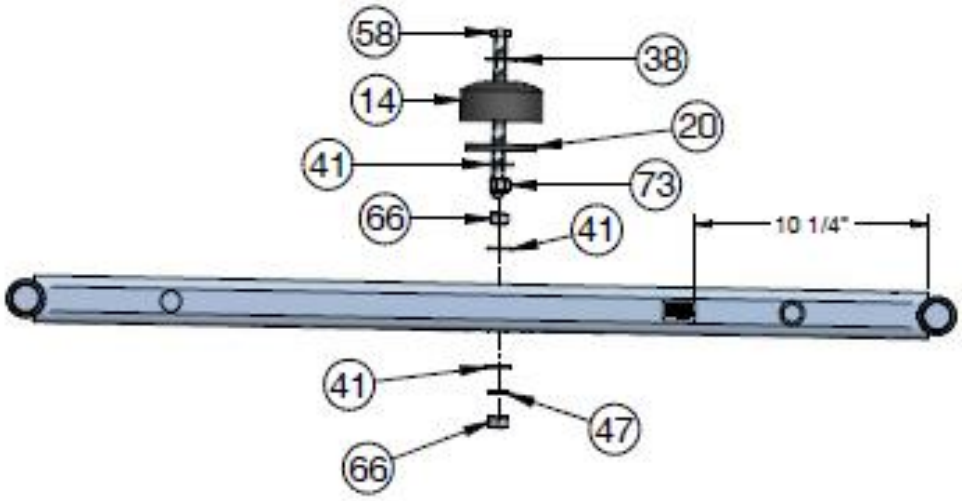
Office Hours: Mon-Fri: 8:00am – 5:00pm EST

MacNeil Wash Systems Limited – Service Division
90 Welham Road
Barrie, ON L4N 8Y4

General Inquiries: info@macneilwash.com
Technical Support: techsupport@macneilwash.com

DRIVER SIDE


21
GREASE INNER SIDES OF EACH CLAMP SIDE PLATE x4
32
21
11
12
41
60
SET THIS SPACE TO 5"
90
6
89
5
74
23
88
wheel boss
31
22
41
13
47
57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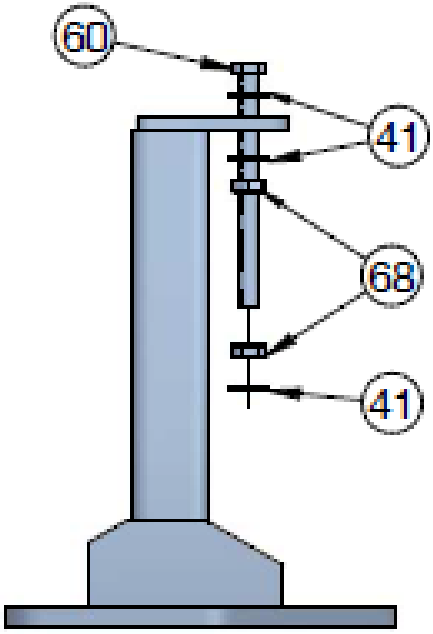
38
14
20
41
73
66
41
10 1/4"
41
47
66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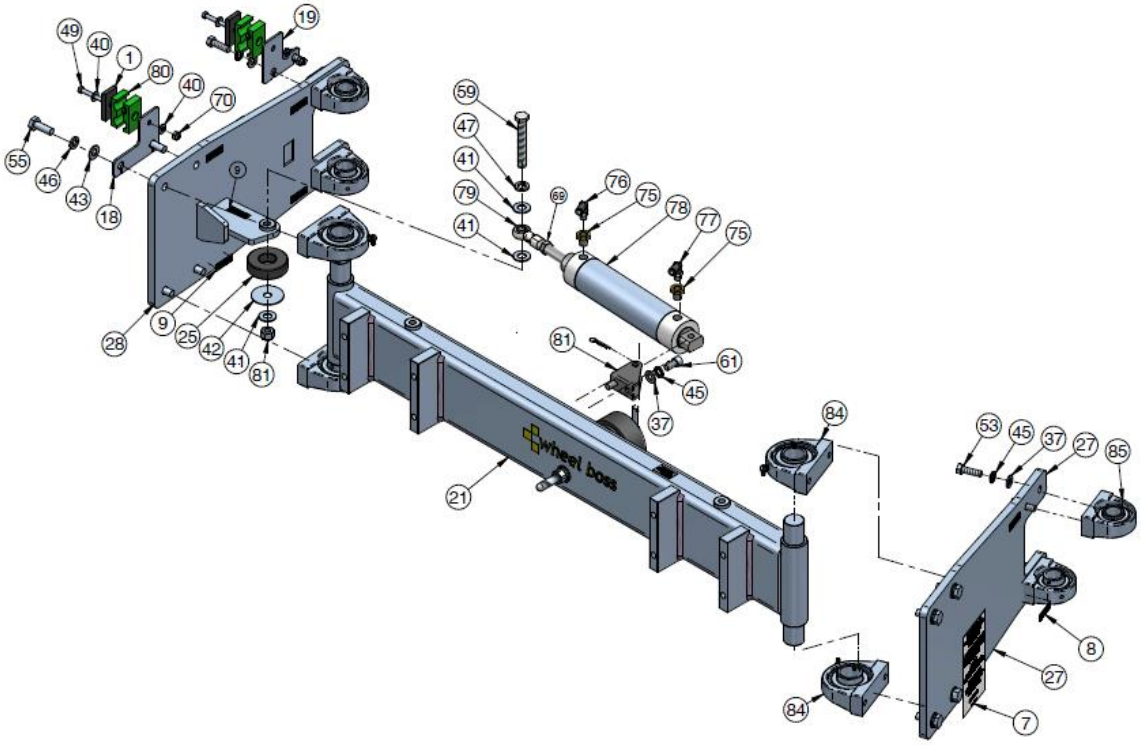
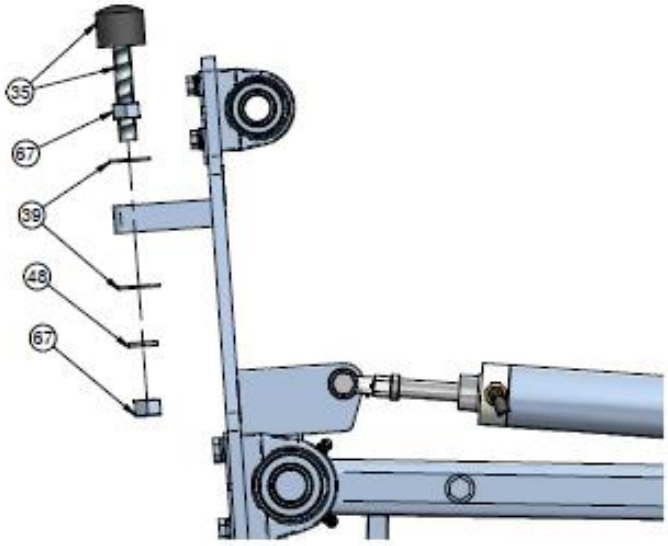
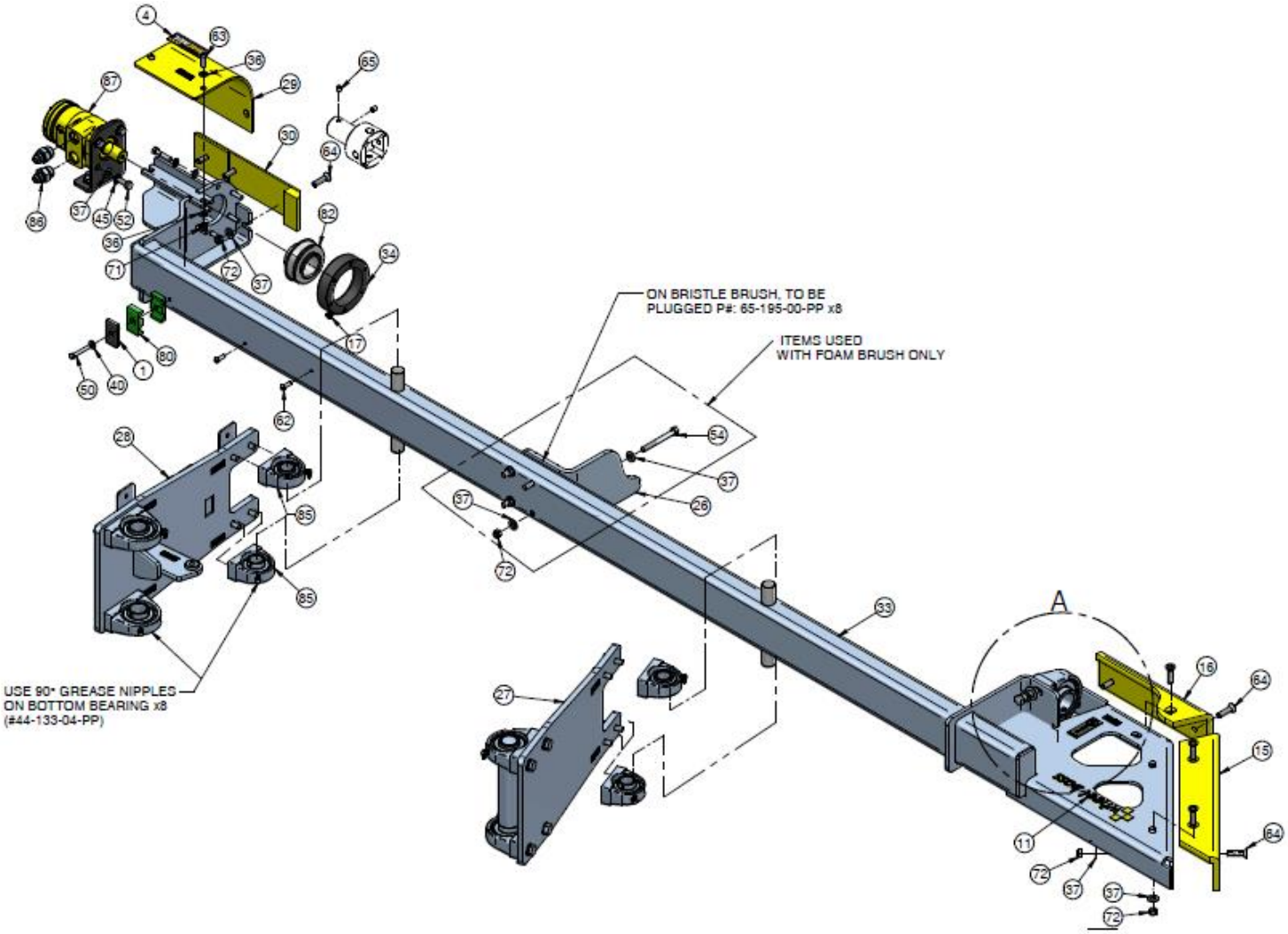
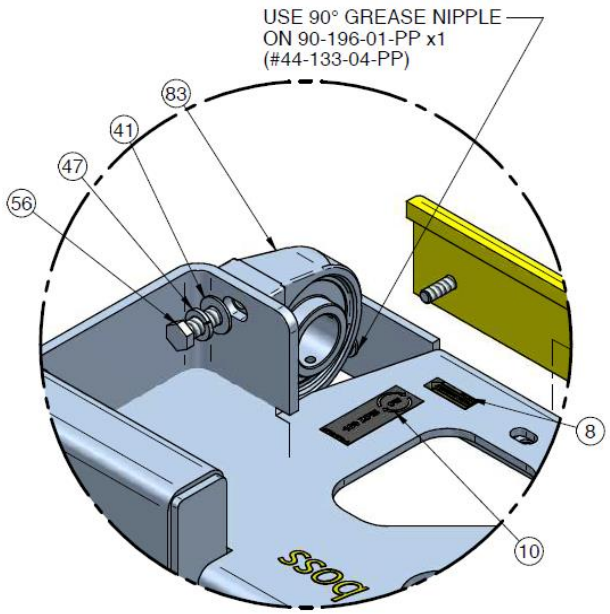
41
68
41

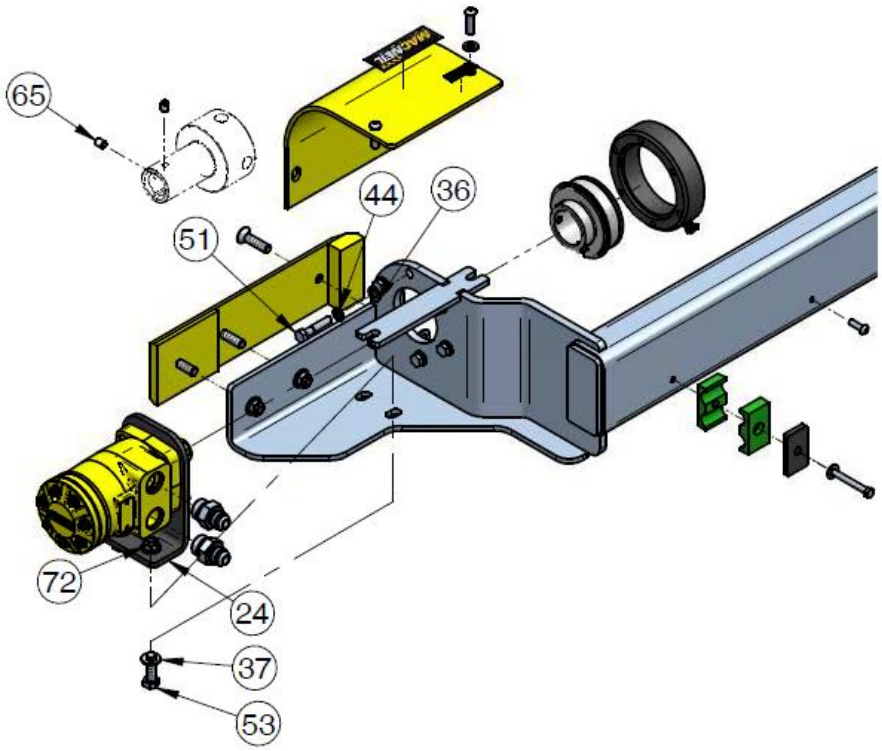

wheel boss




ON BRISTLE BRUSH, TO BE PLUGGED P#: 65-195-00-PP x8
ITEMS USED WITH FOAM BRUSH ONLY
USE 90° GREASE NIPPLES ON BOTTOM BEARING x8 (#44-133-04-PP)
A


USE 90° GREASE NIPPLE
ON 90-196-01-PP x1
(#44-133-04-PP)
83
41
47
56
8
10
boss

DETAIL A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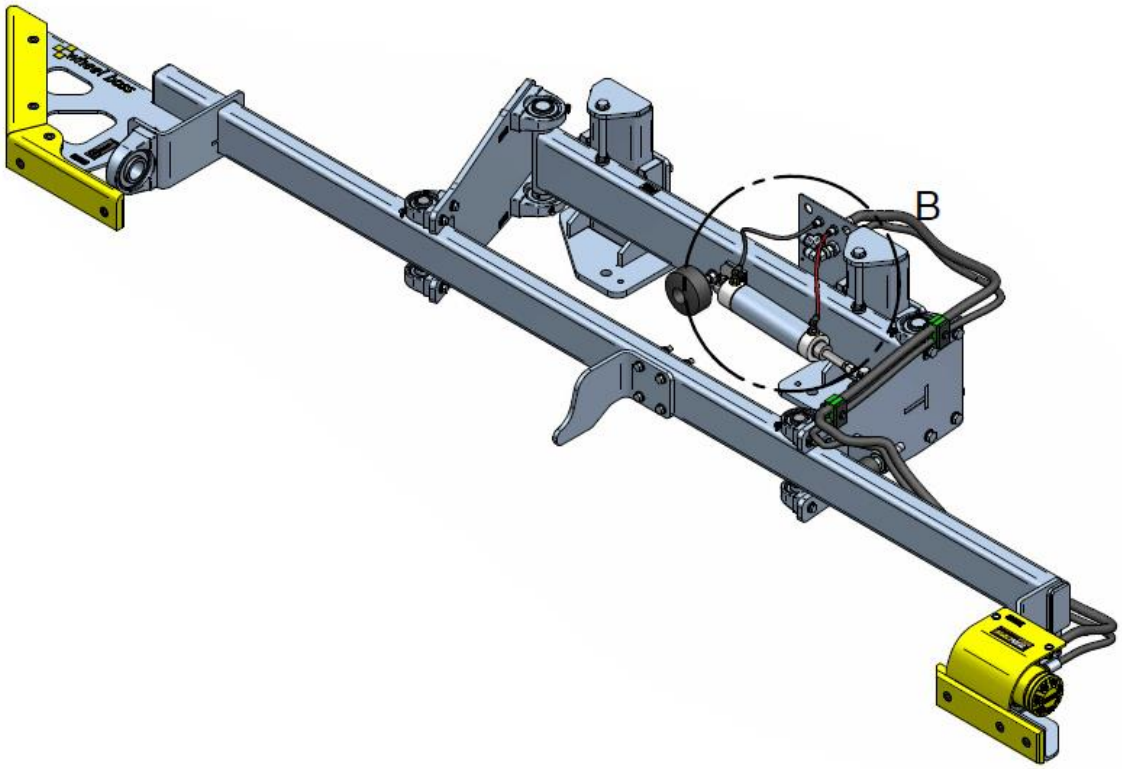
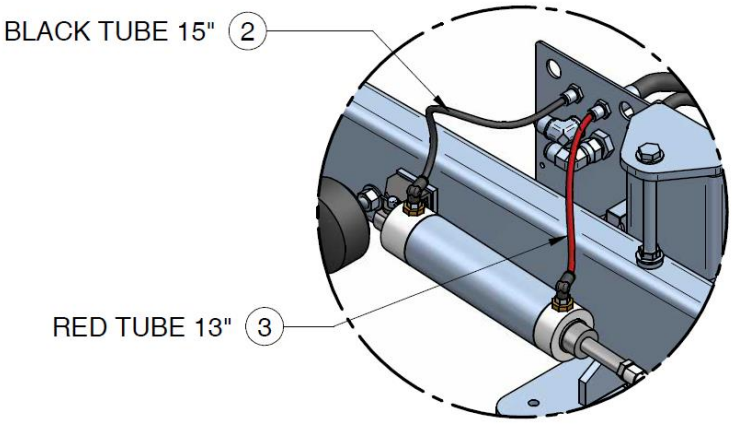
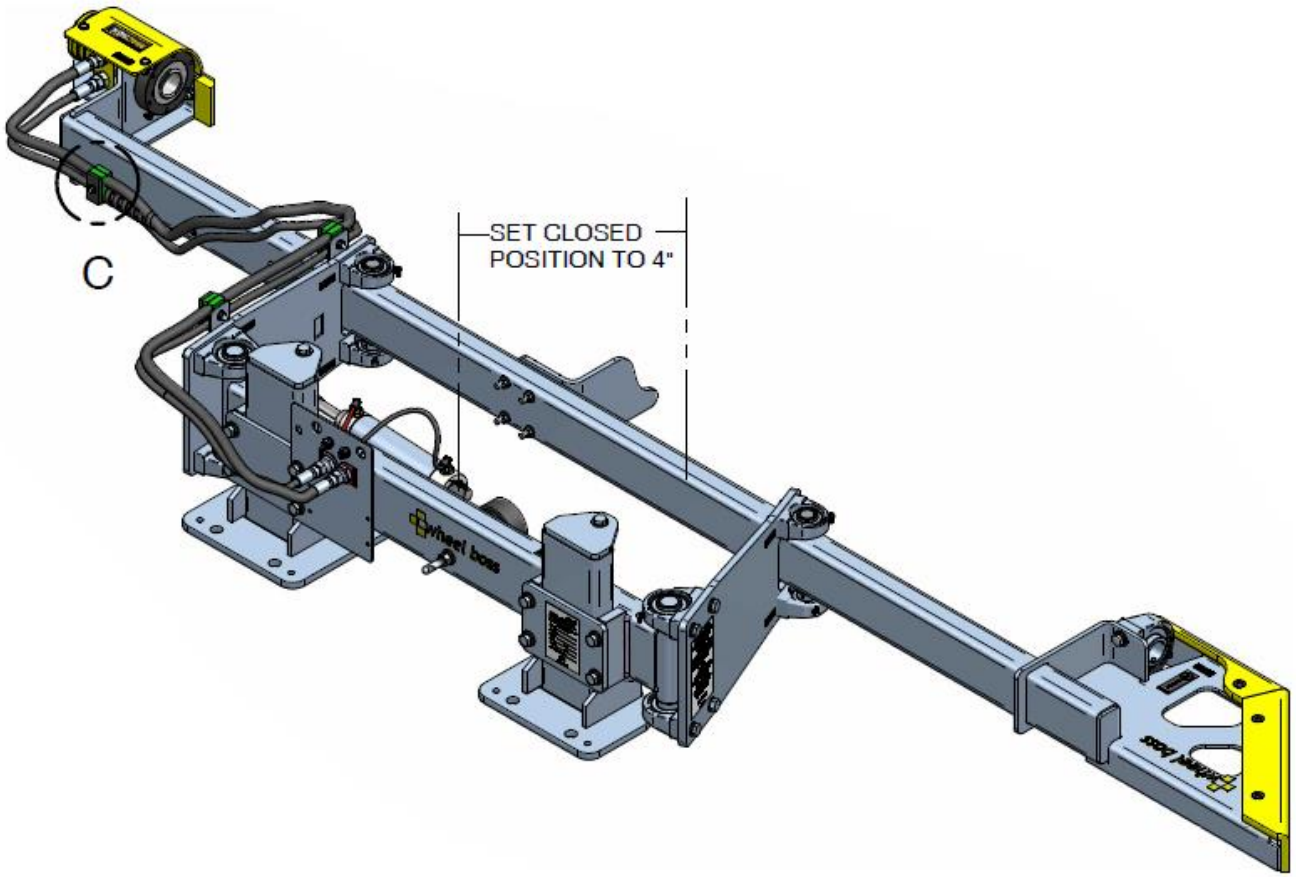
72
24
37
53

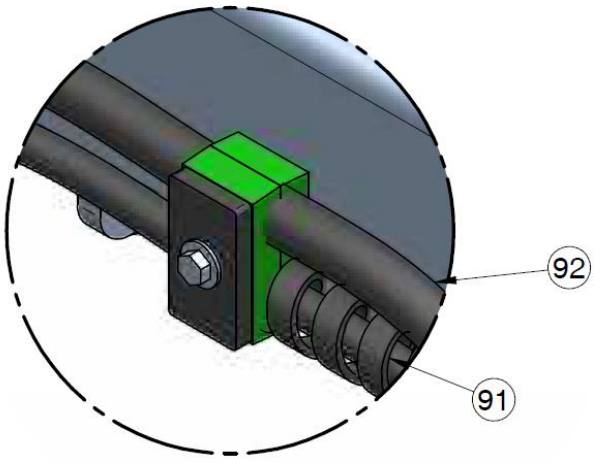


DETAIL B





DETAIL C

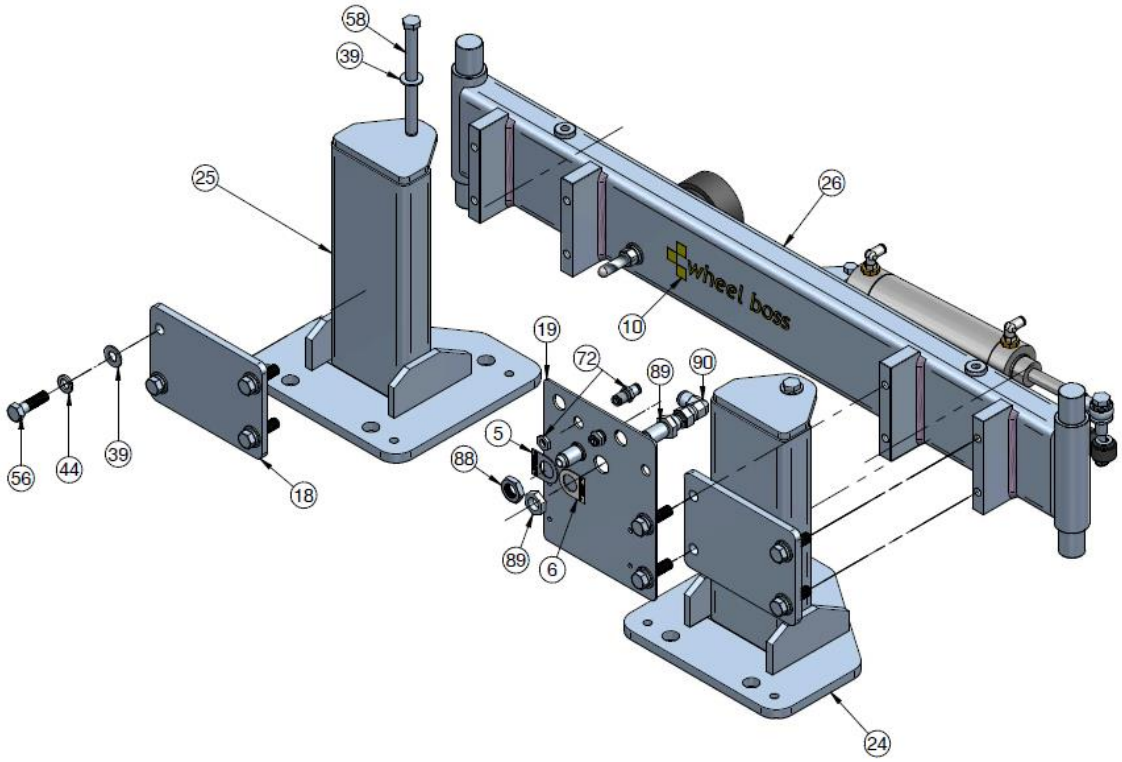


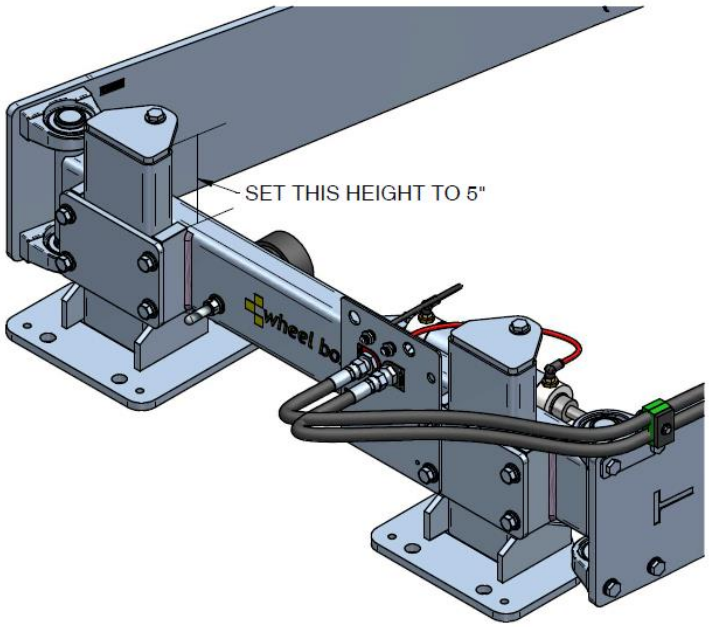
REF.	DESCRIPTION	PART NUMBER	QTY
1	PLATE - HOSE BLOCK - BLACK	15-120-00-BK	3
2	TUBE NY BLK 0.25"OD -- 15"	33-361-20-4BK	1
3	TUBE NY RD 0.25"OD -- 13"	33-361-20-4RD	1
4	DECAL 'MACNEIL' LOGO 1-1/8" X 3-3/8"	36-000-01-PP	1
5	DECAL TAG HYD. FLOW 'PRESSURE' RED	36-010-00-PP	1
6	DECAL TAG HYD. FLOW 'RETURN' BLACK	36-011-00-PP	1
7	DECAL "POWDERCOAT WARNING" 6" x 3-1/2"	36-012-00-PP	1
8	DECAL 'GREASE WEEKLY' > RIGHT - YL / BLK	36-016-02-PP	7
9	DECAL 'GREASE WEEKLY' <LEFT - YL / BLK	36-016-03-PP	4
10	BRUSH ROTATION DECAL 160 RPM CW	36-040-11-PP	1
11	DECAL WHEEL BOSS SHORT (8" x 1 5/8")	36-041-01-PP	2
12	DECAL 'PATENT PENDING' BLK ON WHITE	36-065-14-PP	1
13	MACNEIL SERIAL ID TAG -NEW LOGO	36-900-00-PP	1
14	BUMPER POLY BLACK	40-370-00-PP	1
15	LEAD-IN GUARD FRONT DS (MK-1)	40-708-10-MP	1
16	LEAD-IN GUARD SIDE DS (MK-1)	40-708-11-MP	1
17	FTG GREASE 1/4"-28 90DEG	44-133-04-PP	10
18	CABLE MOUNT TAB LARGE	4B-100-02-BK	1
19	CABLE MOUNT TAB SMALL	4B-100-03-BK	1
20	BUMPER BACKING DISC	4B-100-04-BK	1
21	BASE WELDMENT	4B-100-20-BK	1
22	CLAMP PLATE	4B-100-21-BK	2
23	BULKHEAD BRACKET	4B-100-22-BK	1
24	HYD MOTOR RETAINING BRACKET	4B-100-23-BK	1
25	BUMPER WHEEL	4B-101-06-PP	1
26	MID SPAN SUPPORT	4B-102-00-BK	1
27	ARM HIGH ENTRY SHORT	4B-102-03-BK	1
28	EXIT ARM WELDMENT LEFT HIGH	4B-103-00-BK	1
29	GEARBOX COVER	4B-103-06-PP	1
30	LEAD OUT SLIDER	4B-103-07-PP	1
31	D/S ENTRANCE POST	4B-104-30-BK	1
32	P/S ENTRANCE POST	4B-104-50-BK	1
33	CARRIER WELDMENT WHEEL BOSS LEFT	4B-105-00-BK	1
34	BEARING HOUSING HYD BLACK	4B-650-05-BK	1
35	BUMPER STOP BLACK w/ 5/8-11x4" (BOLT)	53-111-00-PP	1
36	5/16" SS FLAT WASHER - SMALL OD	80-105-001-SI	10
37	WSHR SS FLT 3/8"	80-106-000-SI	35

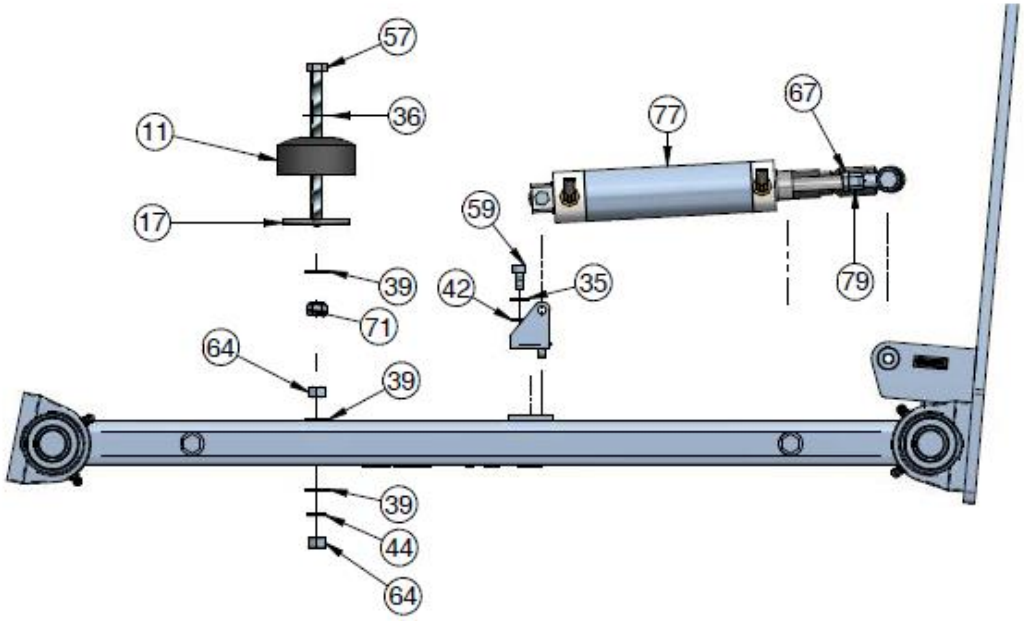
38	WSHR SS FLAT 1/2"	80-108-000-SI	1
39	FLAT WASHER 5/8" SS	80-110-000-SI	2
40	WSHR SS FLAT SAE 1/4"	80-204-000-SI	5
41	WASHER FLAT 1/2" SS	80-208-000-SI	22
42	WSHR SS FLAT SAE 1/2" ID x 2" OD	80-208-001-SI	1
43	WSHR SS FLAT SAE 7/16" ID .077 THK .921 OD	80-307-000-SI	8
44	WSHR SS LOCK 5/16"	80-905-000-SI	6
45	LOCK WASHER 3/8" SS	80-906-000-SI	13
46	WSHR SS LOCK 7/16"	80-907-000-SI	8
47	LOCK WASHER SS 1/2"	80-908-000-SI	12
48	LOCK WASHER 5/8" SS	80-910-000-SI	1
49	HHCS SS 1/4"-20 x 2"	82-504-032-SIC	2
50	HHCS SS 1/4"-28 x 2"	82-504-032-SIF	1
51	HHCS SS 5/16"-18 X 1-1/2"	82-505-024-SIC	6
52	HHCS SS 3/8"-16 X 1"	82-506-016-SIC	3
53	HHCS SS 3/8"-16 X 1-1/4"	82-506-020-SIC	10
54	HHCS SS 3/8"-16 x 3-1/4"	82-506-052-SIC	4
55	HHCS SS 7/16"-14 x 1-1/4"	82-507-020-SIC	8
56	HHCS SS 1/2"-13 X 1 1/4"	82-508-020-SIC	2
57	HHCS 1/2-13 x 1 3/4" S.S.	82-508-028-SIC	8
58	HHCS SS 1/2"-13 x 7"	82-508-112-SIC	1
59	HHCS FL-THD SS 1/2"-13 x 3 1/2"	82-608-056-SIC	1
60	HHCS FL-THD SS 1/2"-13 x 6"	82-608-096-SIC	2
61	SHCS SS 3/8"-16 X 3/4"	82-706-012-SIC	2
62	SCREW SS BTN-HD 1/4"-28 X 3/4"	83-204-012-SIF	2
63	SCREW SS BTN-HD HEX 5/16"-18 X 1"	83-205-016-SIC	2
64	SCRW SS FLT-HD HEX. 3/8"-16 x 1-1/2"	83-606-024-SIC	10
65	SCRW SS SET 5/16"-24 x 3/8"	83-705-006-SIF	2
66	NUT SS 1/2"-13	84-008-000-SIC	2
67	NUT SS 5/8"-11	84-010-000-SIC	2
68	NUT SS JAM 1/2"-13	84-108-000-SIC	4
69	NUT SS JAM 1/2"-20	84-108-000-SIF	1
70	NUT SS NYLOCK 1/4"-20	85-004-000-SIC	2
71	NYLOCK NUT 5-/16" -18	85-005-000-SIC	2
72	NUT SS NYLOCK 3/8"-16	85-006-000-SIC	16
73	NUT SS NYLOCK 1/2"-13	85-008-000-SIC	2
74	FTG AIR BULKHEAD UNION 1/4"TBE X 1/4"TBE	90-005-01-PP	2
75	BUSHING REDUCER 1/4" MNPT-1/8" FNPT BR 110-BA	90-030-00-PP	2

76	RESTRICTOR FTG 90° 1/4TUBE 0.4mm ORIFICE	90-071-14-PP	1
77	RESTRICTOR FTG 90° 1/4TUBE 1.4mm ORIFICE	90-071-21-PP	1
78	CYL AIR 2" DIA X 6" STROKE 2000D02-06A	90-100-01-PP	1
79	ROD END SS-PHSB8 1/2"F-20 c/wGR NPL10-32	90-151-02-PP	1
80	HOSE BLOCK 5/8"DBL CUSHION PAIR GREEN	90-152-01-PP	3
81	PIVOT BRKT SS c/w PIN & CLIP BP-19CSS	90-174-00-PP	1
82	ER-25 BEARING ASSEMBLY-SEALMASTER	90-192-01-PP	1
83	TAPPED BASE BEARING SUC208-24	90-196-01-PP	1
84	TAPPED BASE BEARING SUC206-20	90-196-02-PP	4
85	TAPPED BASE BEARING SUC205-16	90-196-03-PP	4
86	FTG HYD 5/8"MORB X 1/2"MJIC	95-030-07-PP	2
87	MOTOR HYD (#101-1010-009) YELLOW	95-100-01-YL	1
88	HYDRAULIC BULKHEAD 90° FTG - 2043-8-8S	95-310-03-PP	1
89	FTG HYD BULKHEAD 2041-8-8S	95-311-10-PP	1
90	HYD. FTG ELBOW 2071-8-8S	95-316-08-PP	1
91	HYDR. HOSE GUARD -- 24"	95-506-00-PP	4
92	HYD HOSE ASS'Y 3/8"X96" (WB/GB HYD D/S)	95-651-00-PP	2

PASSENGER SIDE



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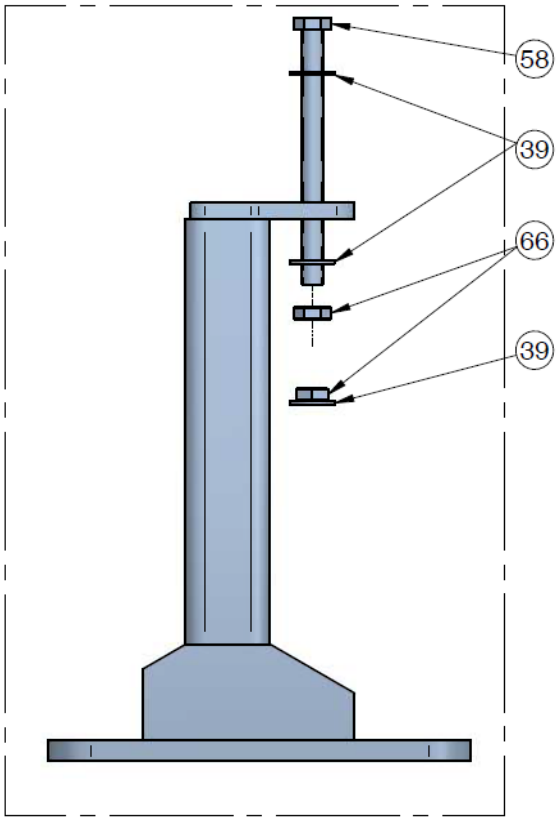
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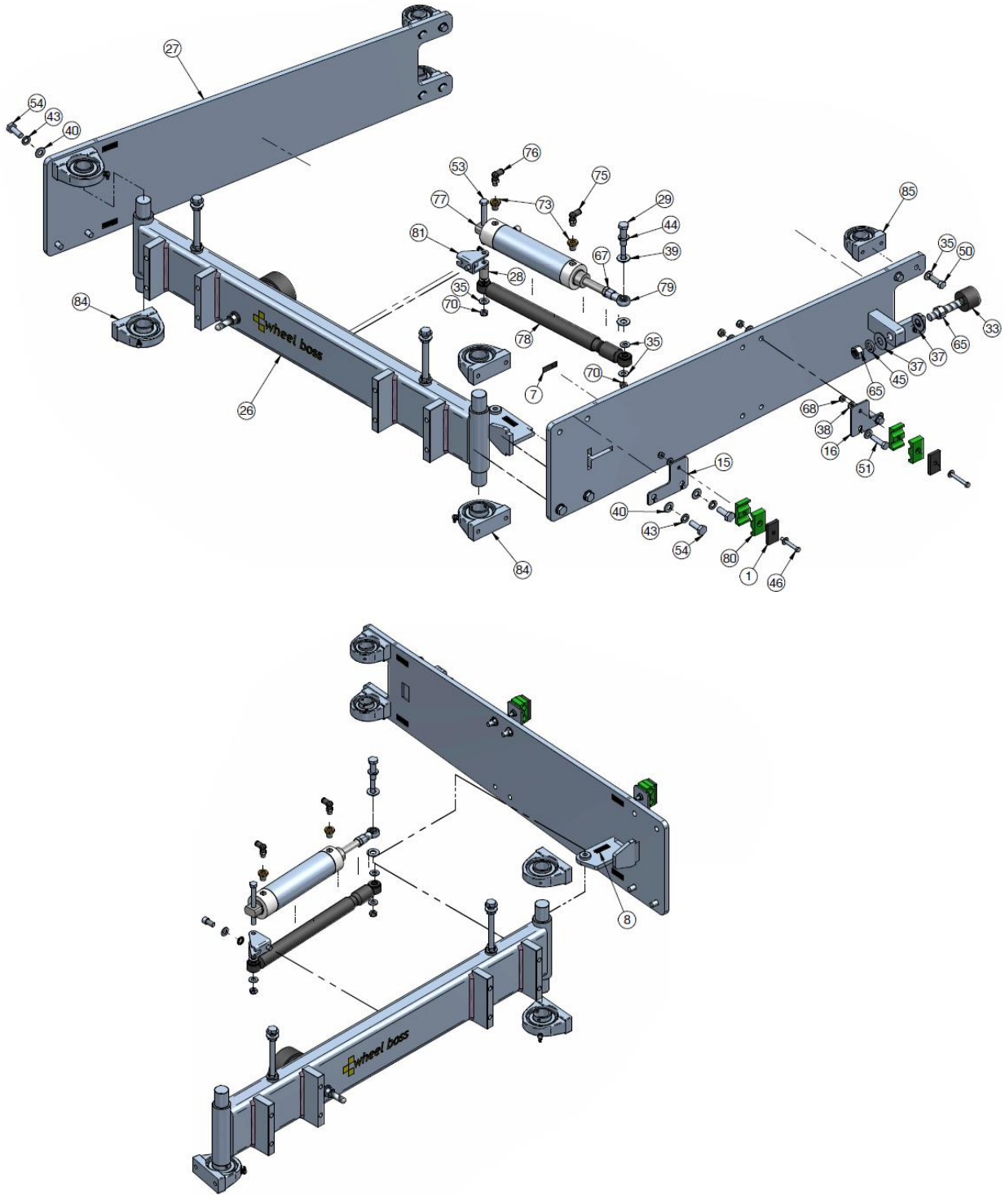
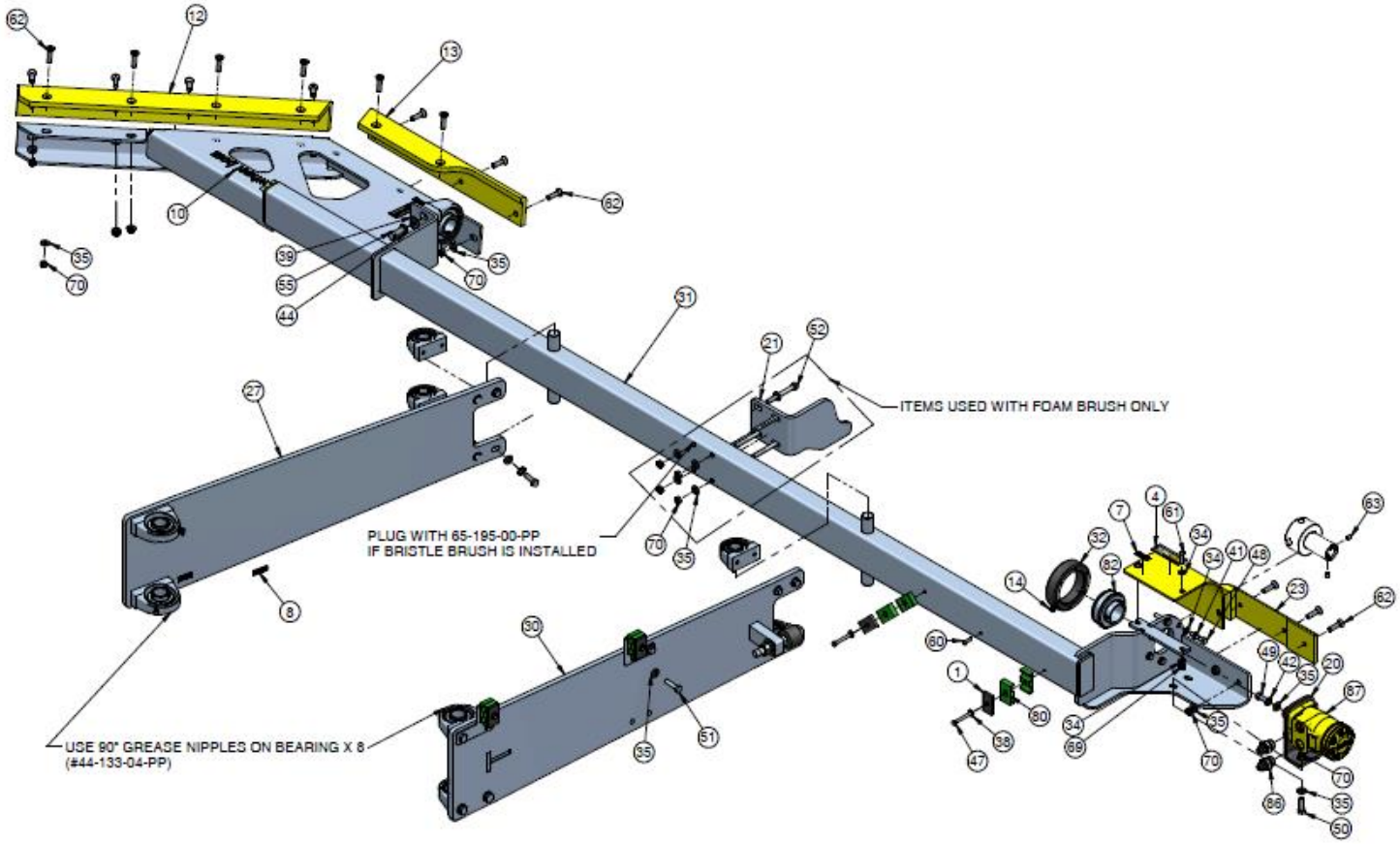
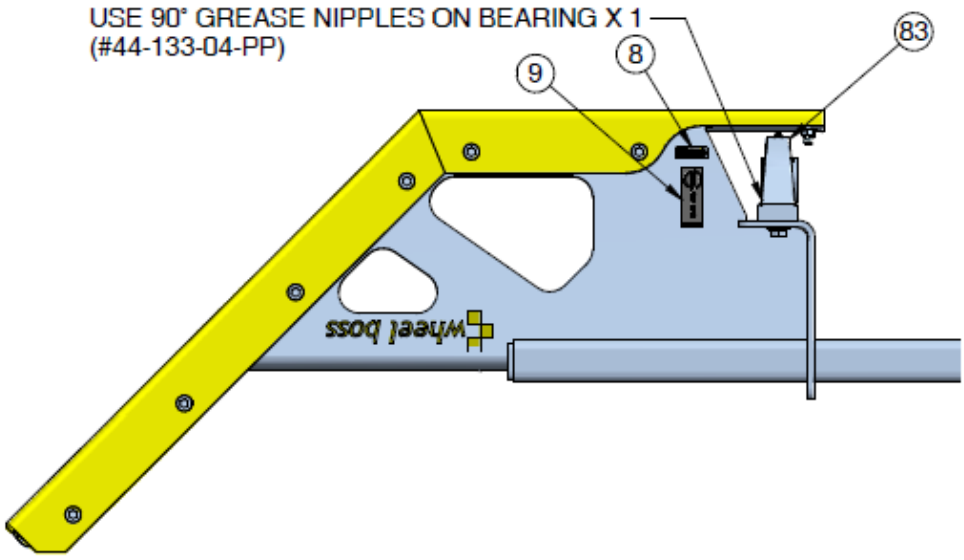
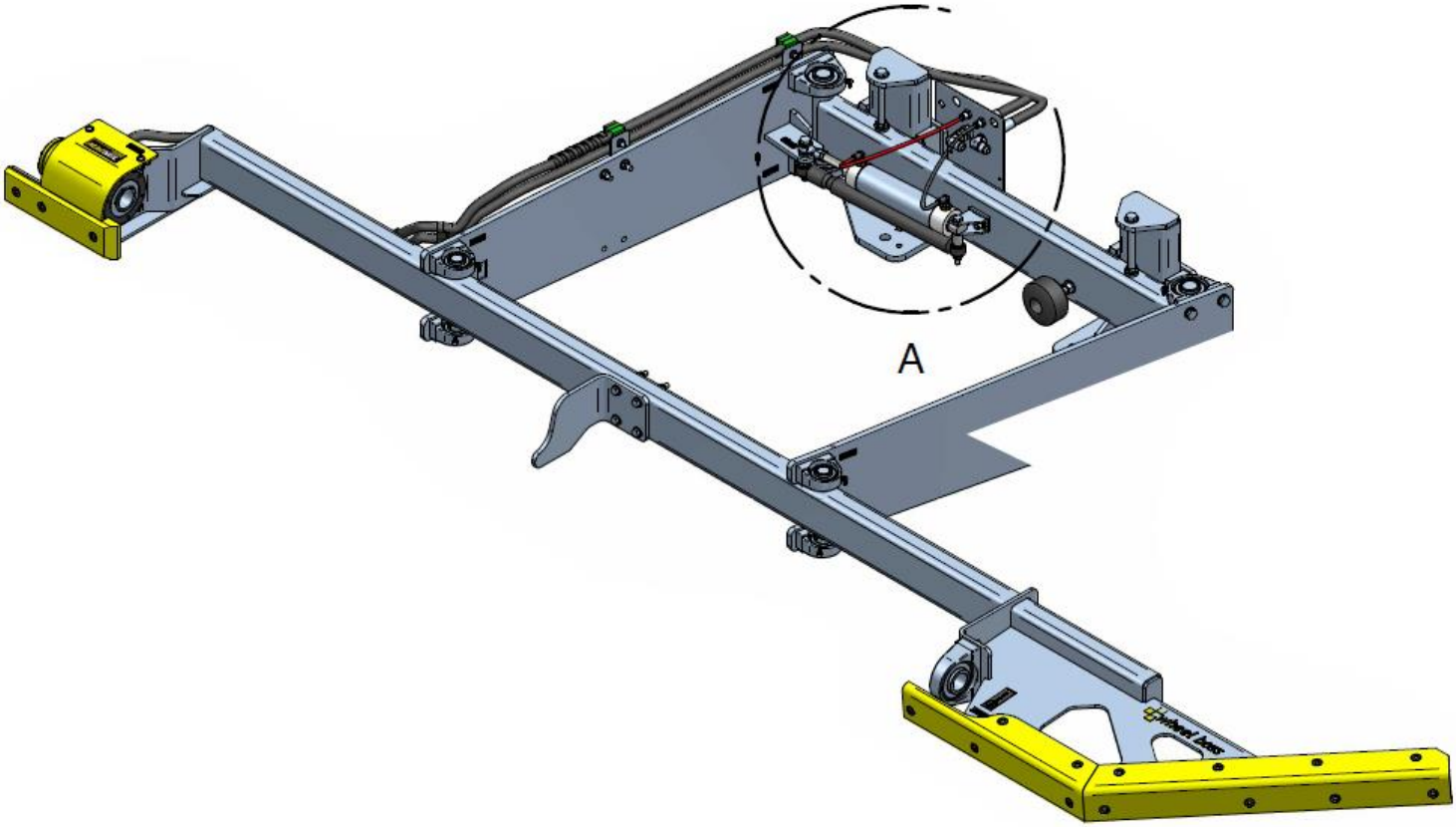
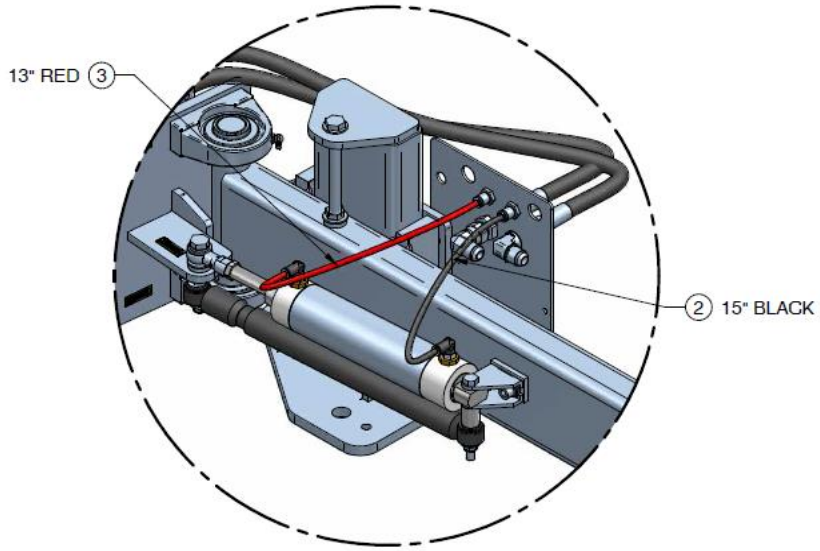

wheel boss
wheel boss

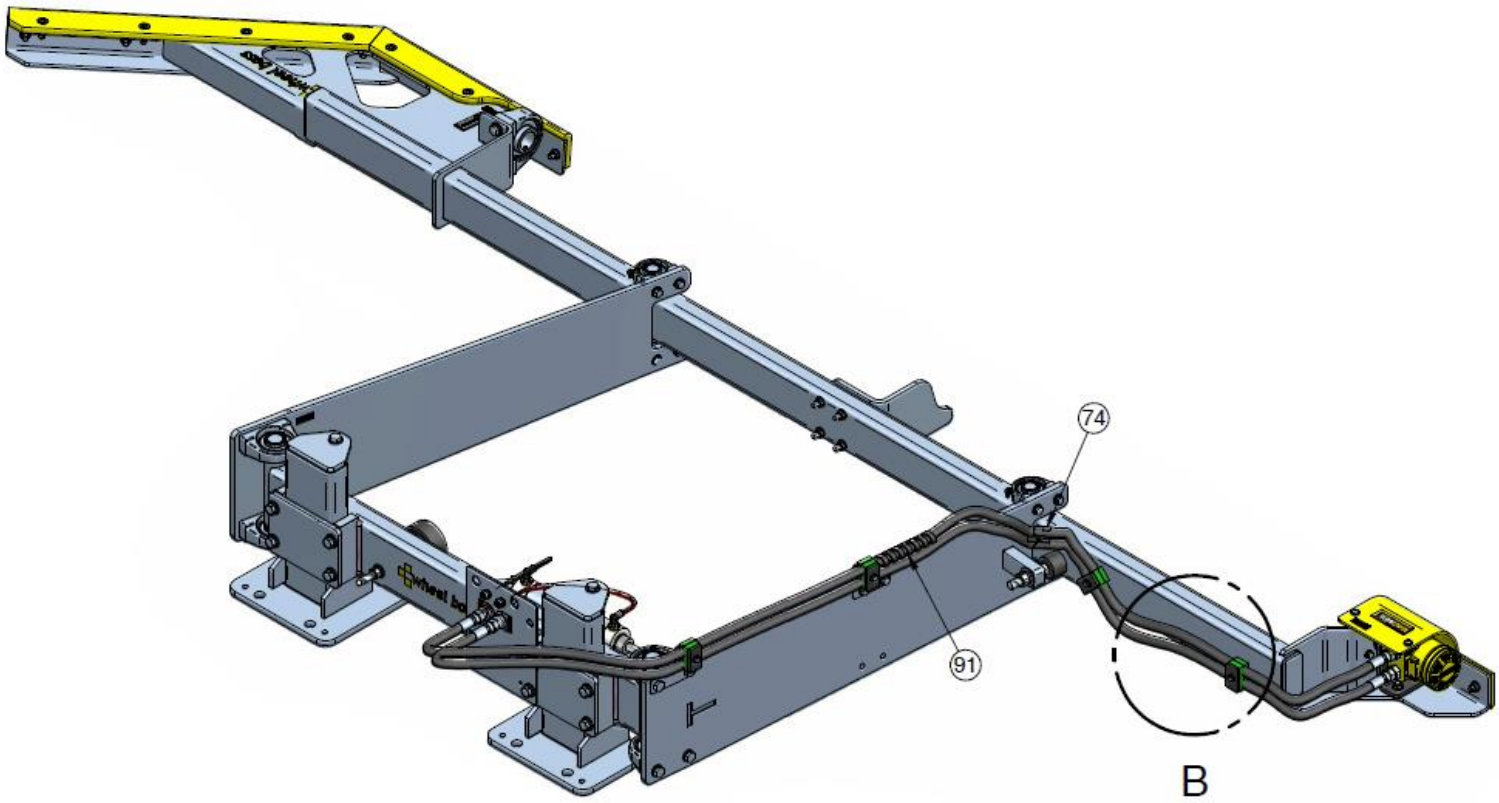

ITEMS USED WITH FOAM BRUSH ONLY
PLUG WITH 65-195-00-PP
IF BRISTLE BRUSH IS INSTALLED
USE 90° GREASE NIPPLES ON BEARING X 8
(#44-133-04-PP)

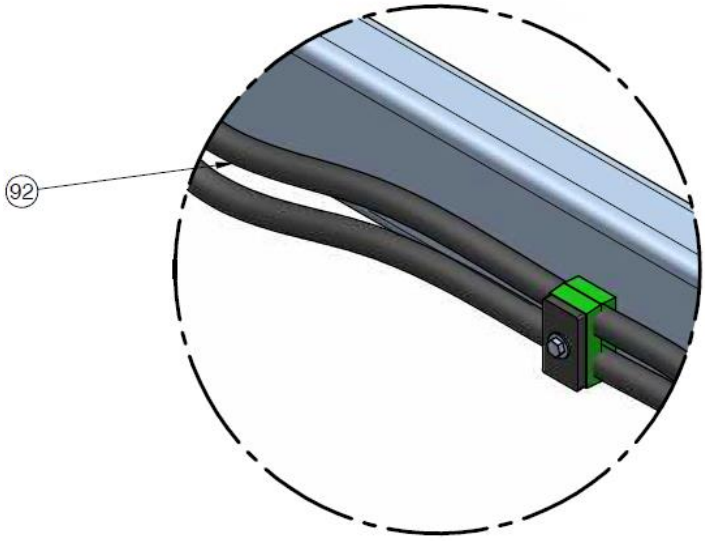

USE 90° GREASE NIPPLES ON BEARING X 1
(#44-133-04-PP)
wheel boss





DETAIL A





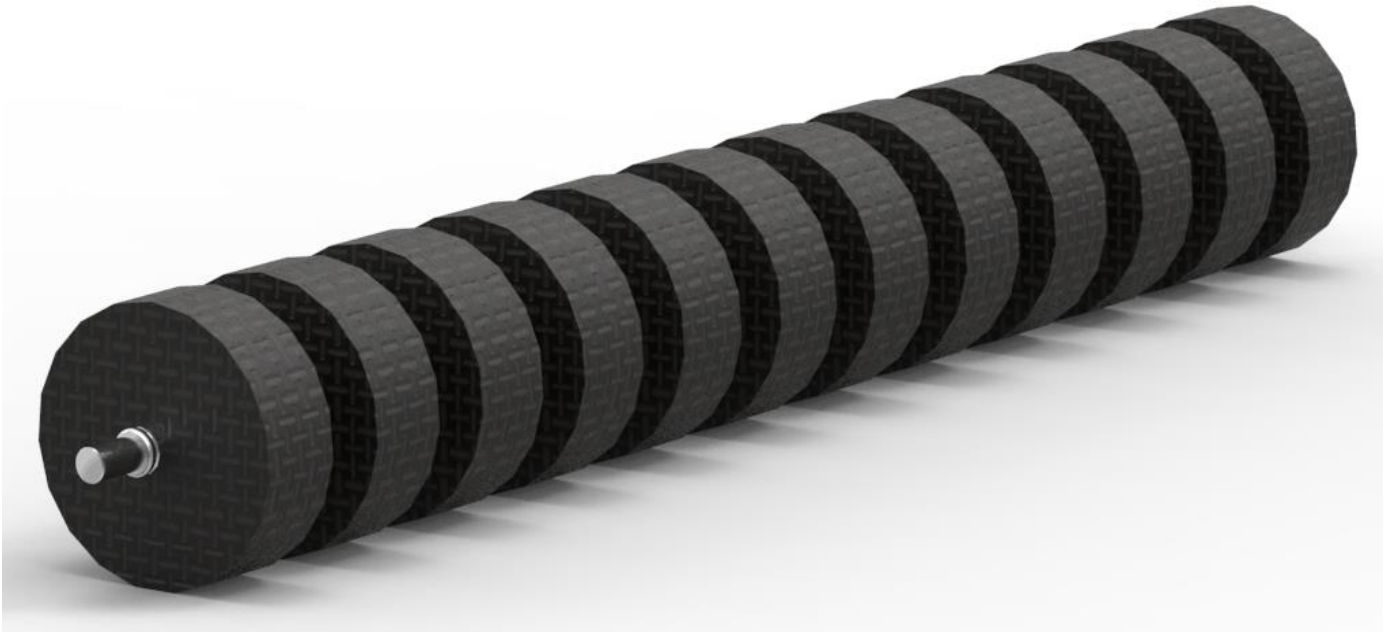
DETAIL B

REF.	DESCRIPTION	PART NUMBER	QTY
1	PLATE - HOSE BLOCK - BLACK	15-120-00-BK	4
2	TUBE NY BLK 0.25" OD -- 15"	33-361-20-4BK	1
3	TUBE NY RED 0.25" OD -- 13"	33-361-20-4RD	1
4	DECAL 'MACNEIL' LOGO 1-1/8" X 3-3/8"	36-000-01-PP	1
5	DECAL TAG HYD. FLOW 'PRESSURE' RED	36-010-00-PP	1
6	DECAL TAG HYD. FLOW 'RETURN' BLACK	36-011-00-PP	1
7	DECAL 'GREASE WEEKLY' > RIGHT - YL / BLK	36-016-02-PP	3
8	DECAL 'GREASE WEEKLY' <LEFT - YL / BLK	36-016-03-PP	8
9	BRUSH ROTATION DECAL 160 RPM CCW	36-040-12-PP	1
10	DECAL WHEEL BOSS SHORT (8" x 1 5/8")	36-041-01-PP	2
11	BUMPER POLY BLACK	40-370-00-PP	1
12	LEAD-IN GUARD FRONT PS (MK-1)	40-708-00-MP	1
13	LEAD-IN GUARD SIDE PS (MK-1)	40-708-01-MP	1
14	FTG GREASE 1/4"-28 90DEG	44-133-04-PP	10
15	CABLE MOUNT TAB LARGE	4B-100-02-BK	1
16	CABLE MOUNT TAB SMALL	4B-100-03-BK	1
17	BUMPER BACKING DISC	4B-100-04-BK	1
18	CLAMP PLATE	4B-100-21-BK	2
19	BULKHEAD BRACKET	4B-100-22-BK	1
20	HYD MOTOR RETAINING BRACKET	4B-100-23-BK	1
21	MID SPAN SUPPORT	4B-102-00-BK	1
22	GEARBOX COVER	4B-103-06-PP	1
23	LEAD OUT SLIDER	4B-103-07-PP	1
24	D/S ENTRANCE POST	4B-104-30-BK	1
25	P/S ENTRANCE POST	4B-104-50-BK	1
26	BASE WELDMENT RIGHT	4B-200-20-BK	1
27	ARM HIGH ENTRY LONG	4B-202-03-BK	1
28	SPACER FOR WHEEL BOSS ARM SHOCK	4B-202-04-MP	1
29	CUSTOM CYL SHOCK MOUNT BOLT	4B-202-05-PP	1
30	EXIT ARM WELDMENT RIGHT HIGH	4B-203-00-BK	1
31	CARRIER WELDMENT WHEEL BOSS RIGHT	4B-205-00-BK	1
32	BEARING HOUSING HYD BLACK	4B-650-05-BK	1
33	BUMPER STOP BLACK w/ 5/8-11x4" (BOLT)	53-111-00-PP	1
34	5/16" SS FLAT WASHER - SMALL OD	80-105-001-SI	10

35	WSHR SS FLT 3/8"	80-106-000-SI	49
36	WSHR SS FLAT 1/2"	80-108-000-SI	1
37	FLAT WASHER 5/8" SS	80-110-000-SI	2
38	WSHR SS FLAT SAE 1/4"	80-204-000-SI	6
39	WASHER FLAT 1/2" SS	80-208-000-SI	21
40	WSHR SS FLAT SAE 7/16" ID .077 THK .921 OD	80-307-000-SI	8
41	WSHR SS LOCK 5/16"	80-905-000-SI	6
42	LOCK WASHER 3/8" SS	80-906-000-SI	13
43	WSHR SS LOCK 7/16"	80-907-000-SI	8
44	LOCK WASHER SS 1/2"	80-908-000-SI	12
45	LOCK WASHER 5/8" SS	80-910-000-SI	1
46	HHCS SS 1/4"-20 x 2"	82-504-032-SIC	2
47	HHCS SS 1/4"-28 x 2"	82-504-032-SIF	2
48	HHCS SS 5/16"-18 X 1-1/2"	82-505-024-SIC	6
49	HHCS SS 3/8"-16 X 1"	82-506-016-SIC	3
50	HHCS SS 3/8"-16 X 1-1/4"	82-506-020-SIC	10
51	HHCS SS 3/8"-16 X 1-1/2"	82-506-024-SIC	2
52	HHCS SS 3/8"-16 x 3-1/4"	82-506-052-SIC	4
53	HHCS SS 3/8"-16 x 4"	82-506-064-SIC	1
54	HHCS SS 7/16"-14 x 1-1/4"	82-507-020-SIC	8
55	HHCS SS 1/2"-13 X 1 1/4"	82-508-020-SIC	2
56	HHCS 1/2-13 x 1 3/4" S.S.	82-508-028-SIC	8
57	HHCS SS 1/2"-13 x 7"	82-508-112-SIC	1
58	HHCS FL-THD SS 1/2"-13 x 6"	82-608-096-SIC	2
59	SHCS SS 3/8"-16 X 3/4"	82-706-012-SIC	2
60	SCREW SS BTN-HD 1/4"-28 X 3/4"	83-204-012-SIF	1
61	SCREW SS BTN-HD HEX 5/16"-18 X 1"	83-205-016-SIC	2
62	SCRW SS FLT-HD HEX. 3/8"-16 x 1-1/2"	83-606-024-SIC	16
63	SCRW SS SET 5/16"-24 x 3/8"	83-705-006-SIF	2
64	NUT SS 1/2"-13	84-008-000-SIC	2
65	NUT SS 5/8"-11	84-010-000-SIC	2
66	NUT SS JAM 1/2"-13	84-108-000-SIC	4
67	NUT SS JAM 1/2"-20	84-108-000-SIF	1
68	NUT SS NYLOCK 1/4"-20	85-004-000-SIC	2
69	NYLOCK NUT 5-/16" -18	85-005-000-SIC	2

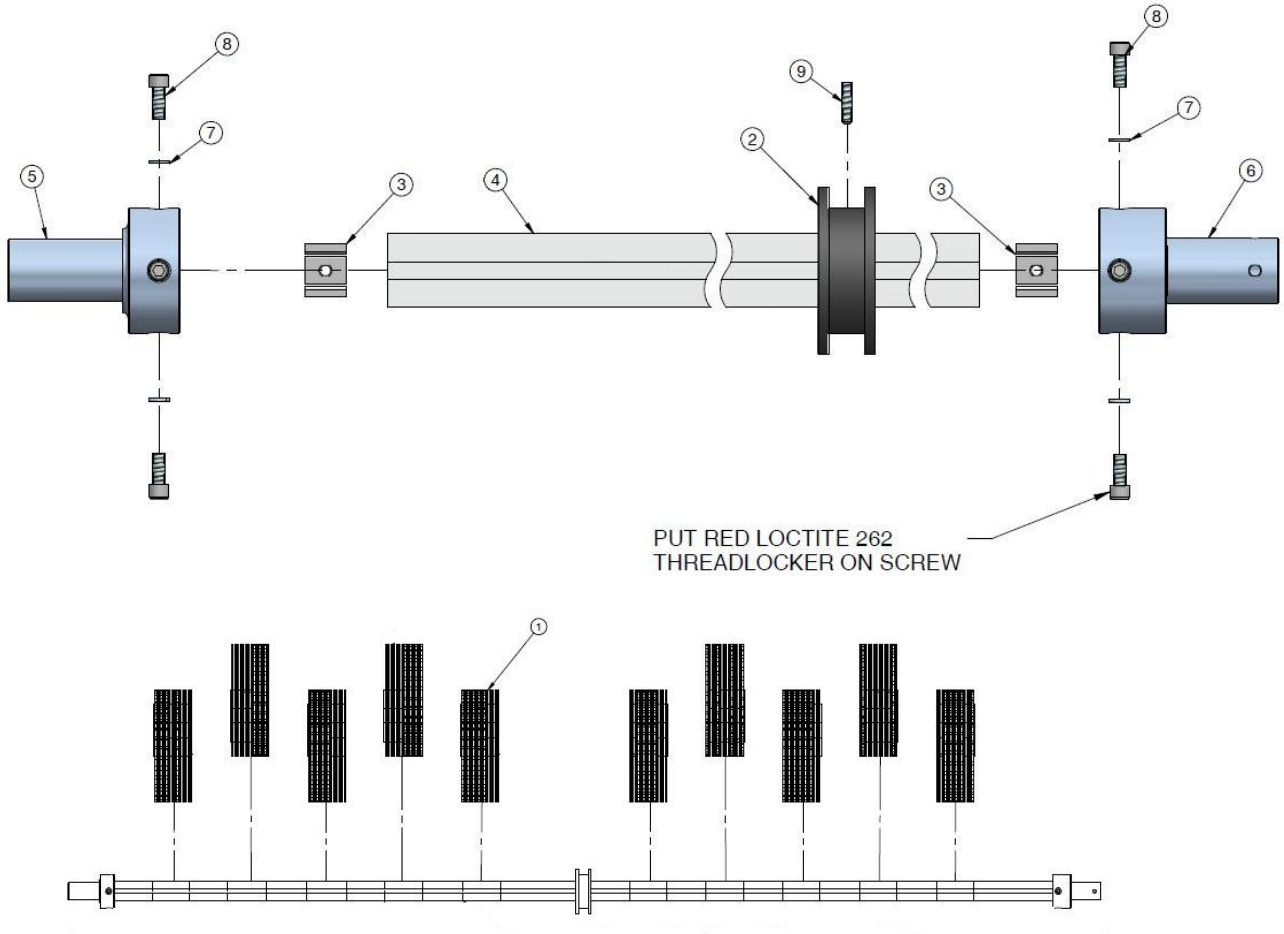
70	NUT SS NYLOCK 3/8"-16	85-006-000-SIC	26
71	NUT SS NYLOCK 1/2"-13	85-008-000-SIC	1
72	FTG AIR BULKHEAD UNION 1/4"TBE X 1/4"TBE	90-005-01-PP	2
73	BUSHING REDUCER 1/4"MPT-1/8"FPT BR 110-BA	90-030-00-PP	2
74	5/8" HOSE T-CLIP	90-048-01-PP	1
75	RESTRICTOR FTG 90° 1/4TUBE 0.4mm ORIFICE	90-071-14-PP	1
76	RESTRICTOR FTG 90° 1/4TUBE 1.4mm ORIFICE	90-071-21-PP	1
77	CYL AIR 2" DIA X 6" STROKE 2000D02-06A	90-100-01-PP	1
78	SHOCK ABSORBER - BOGE 22-794-9	90-100-50-PP	1
79	ROD END SS-PHSB8 1/2"F-20 c/wGR NPL10-32	90-151-02-PP	1
80	HOSE BLOCK 5/8"DBL CUSHION PAIR GREEN	90-152-01-PP	4
81	PIVOT BRACKET SS (NO PIN & CLIP)	90-174-00-PP	1
82	ER-25 BEARING ASSEMBLY-SEALMASTER	90-192-01-PP	1
83	TAPPED BASE BEARING SUC208-24	90-196-01-PP	1
84	TAPPED BASE BEARING SUC206-20	90-196-02-PP	4
85	TAPPED BASE BEARING SUC205-16	90-196-03-PP	4
86	FTG HYD 5/8"MORB X 1/2"MJIC	95-030-07-PP	2
87	MOTOR HYD (#101-1010-009) YELLOW	95-100-01-YL	1
88	HYDRAULIC BULKHEAD 90° FTG - 2043-8-8S	95-310-03-PP	1
89	FTG HYD BULKHEAD 2041-8-8S	95-311-10-PP	1
90	HYD. FTG ELBOW 2071-8-8S	95-316-08-PP	1
91	HYDR. HOSE GUARD -- 24"	95-506-00-PP	4
92	HYD HOSE ASSY 3/8" x 120 " WB/GB	95-649-00-PP	2

BRISTLE STEP BRUSH



REF.	DESCRIPTION	PART NUMBER	QTY.
1	WB BRISTLE STEP BRUSH BLK	4B-850-10-PP	2

FOAM CAM BRUSH (D/S # 4B-850-00-MP & P/S # 4B-950-00-MP)



REF.	DESCRIPTION	PART NUMBER	QTY.
1	WHEEL BOSS BRUSH SECTION	40-745-00-MP	24
2	MID SPAN SUPPORT BOBBIN	40-750-01-MP	1
3	T-NUT - 5/16"-18	40-750-06-PP	8
4	WHEEL BRUSH EXTR. SHAFT	40-750-08-MP	1
5	BEARING END INSERT	4B-650-02-MP	1
6	HYD MOTOR END INSERT	4B-650-03-MR	1
7	WASHER HIGH COLLAR LOCK 8mm SS	81-208-000-SM	8
8	SHCS SS 5/16"-18 x 3/4"	82-705-012-SIC	8
9	HEX SOCKET SET SCREW, 1/4-20 x 1" SS	83-704-016-SIC	1