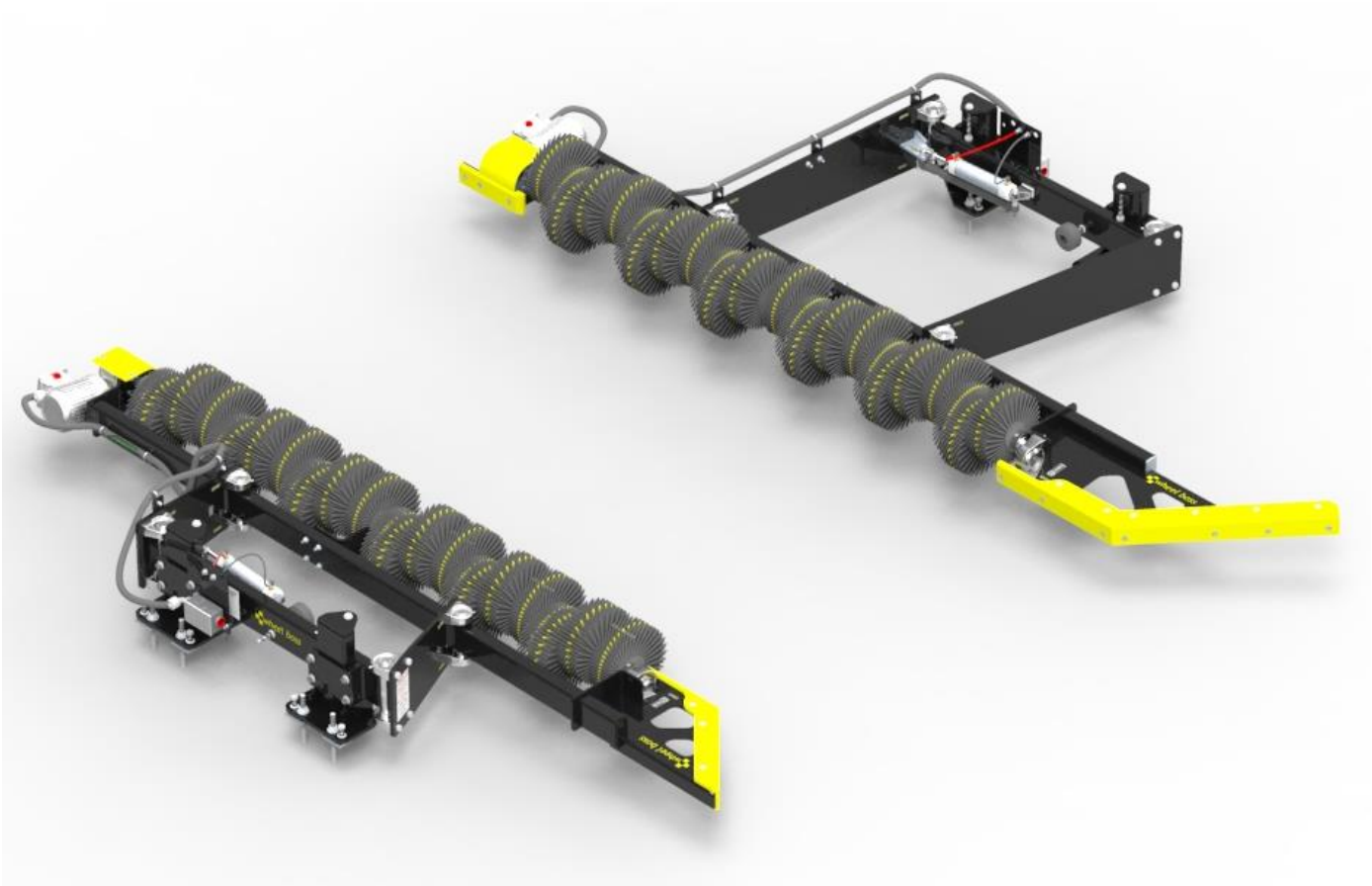
WHEEL BOSS MW-2000



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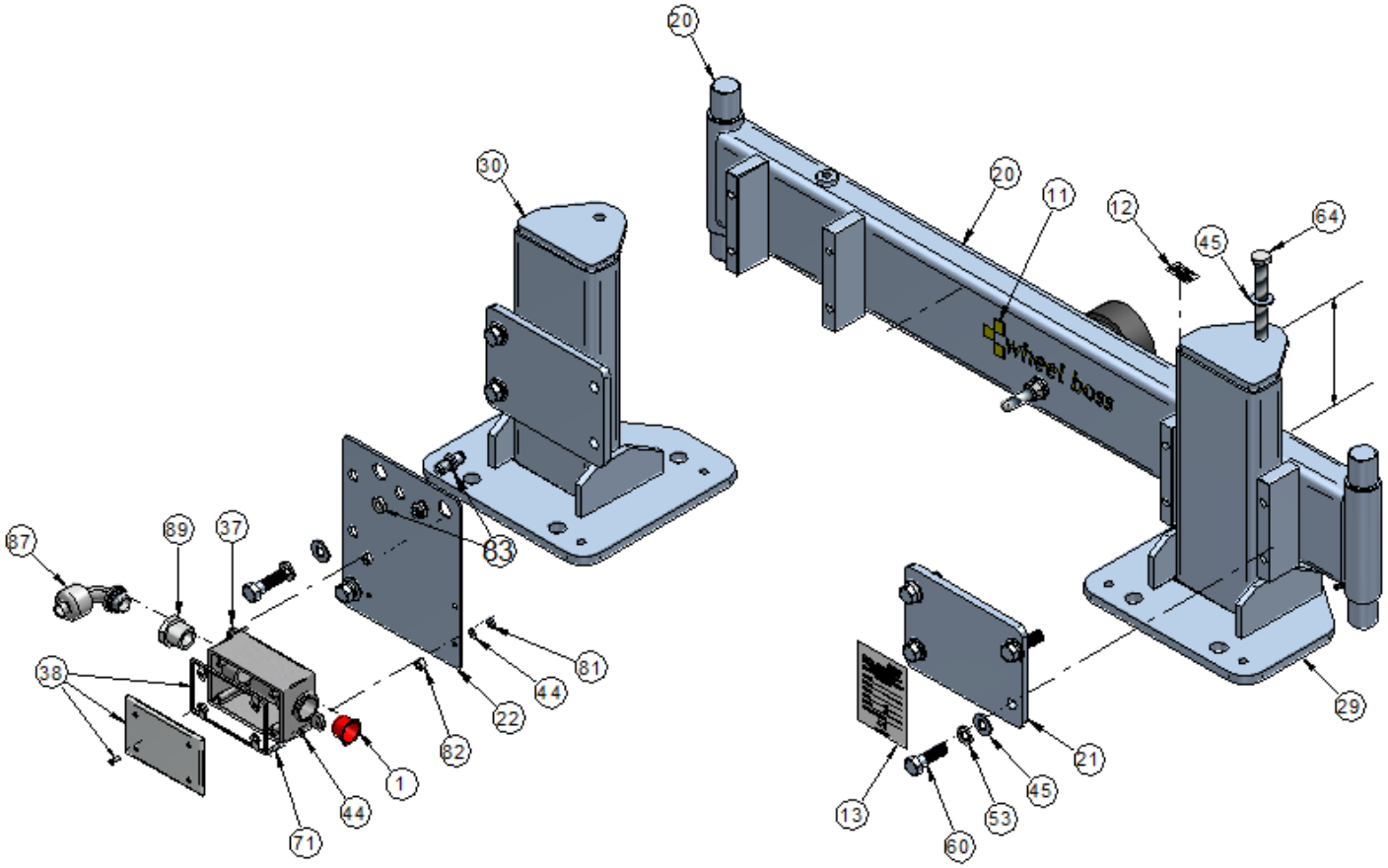
DRIVER SIDE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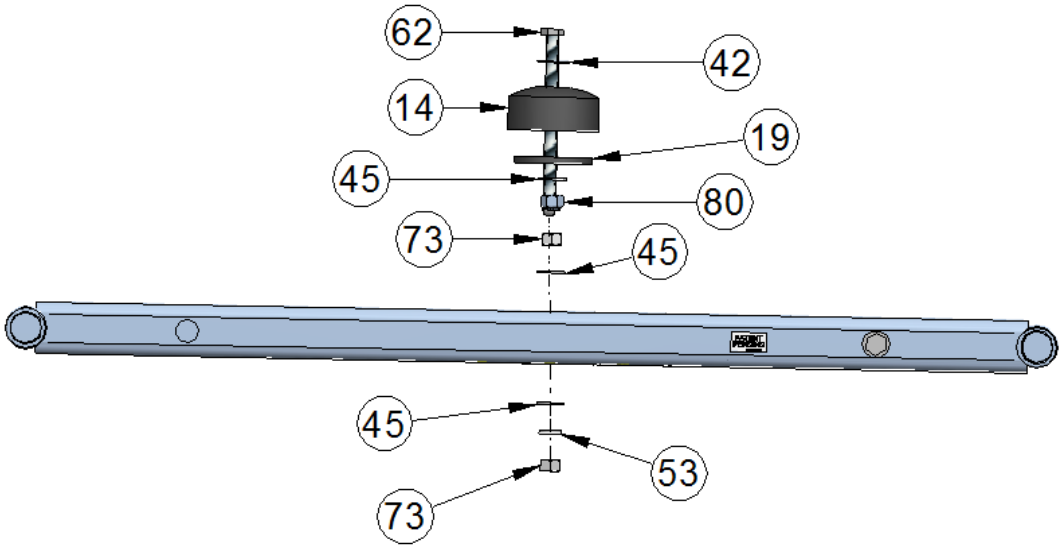
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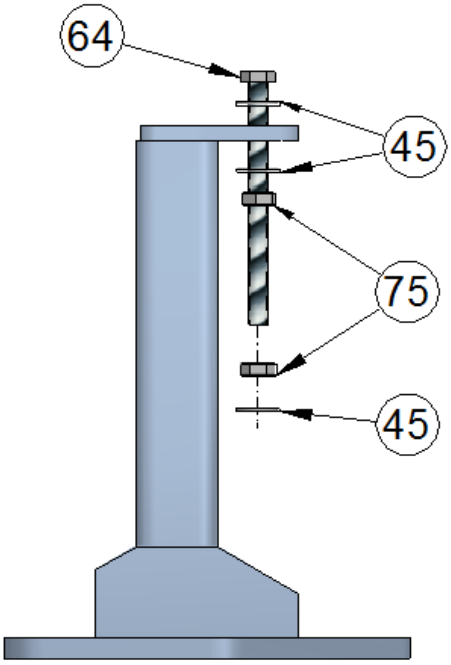
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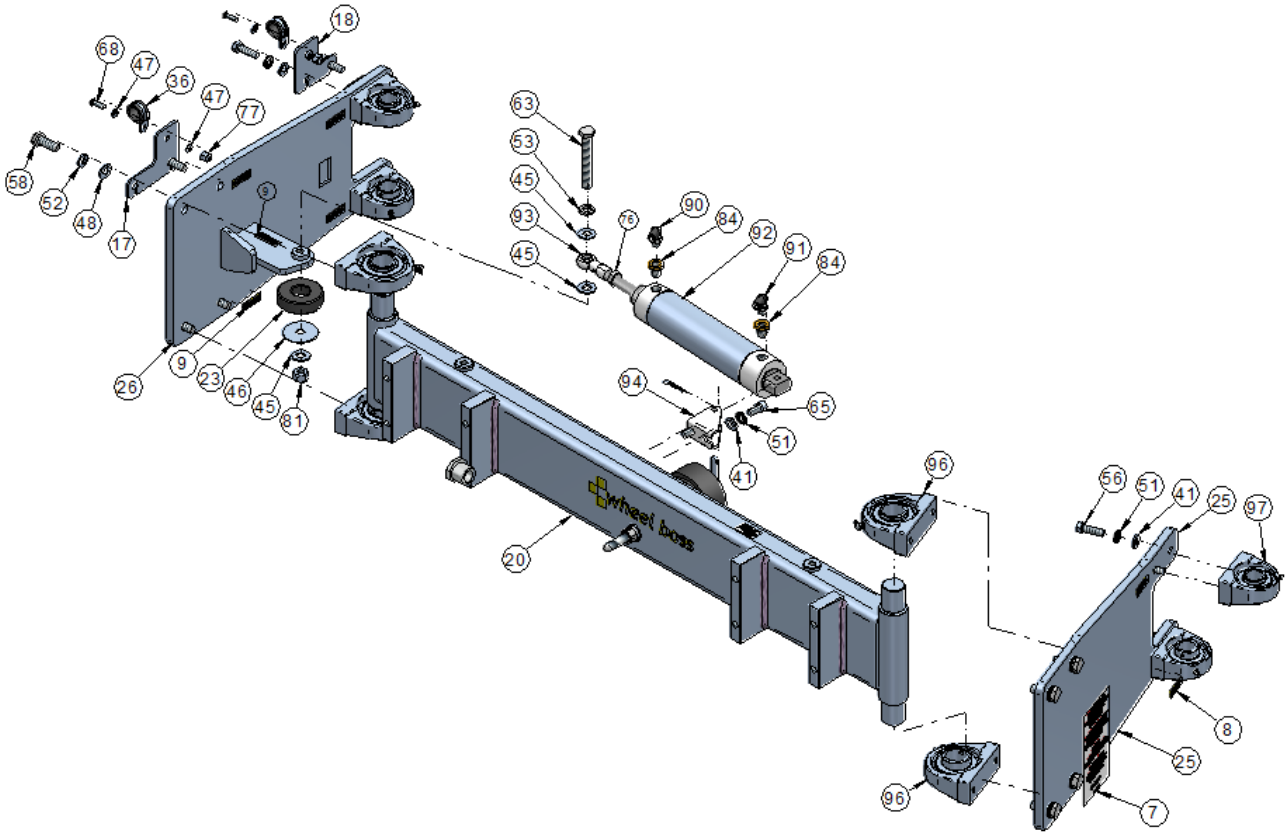
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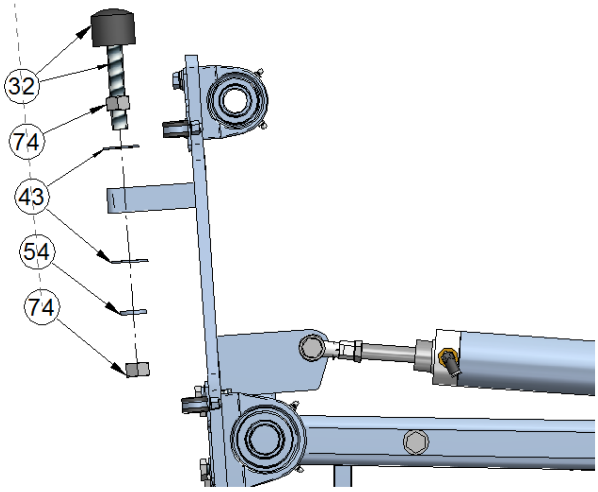
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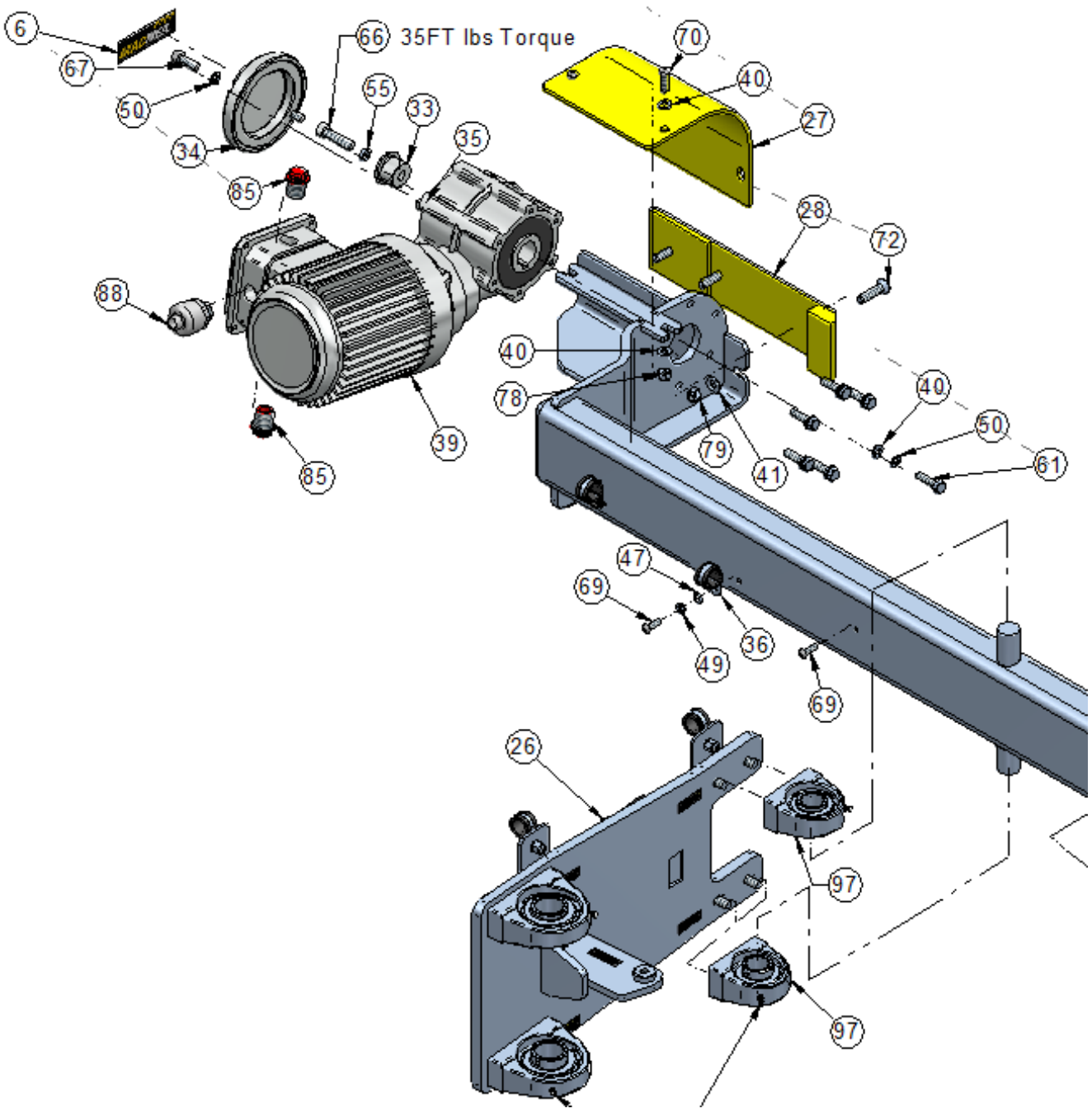

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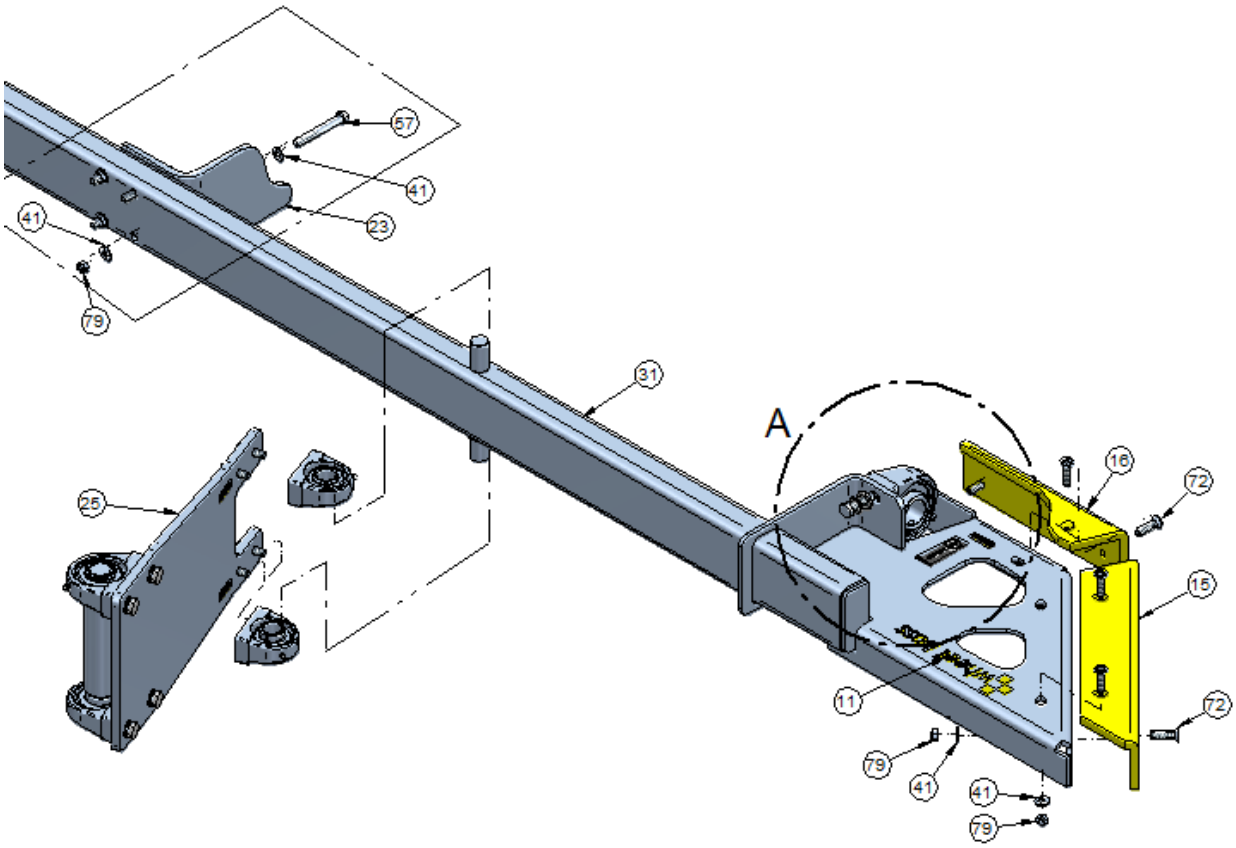
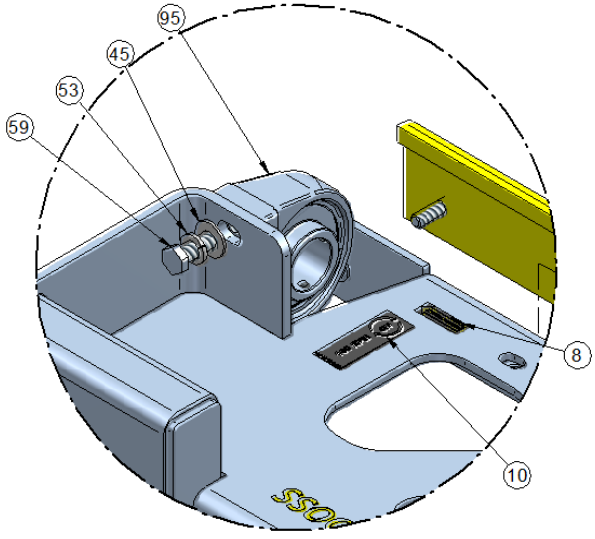
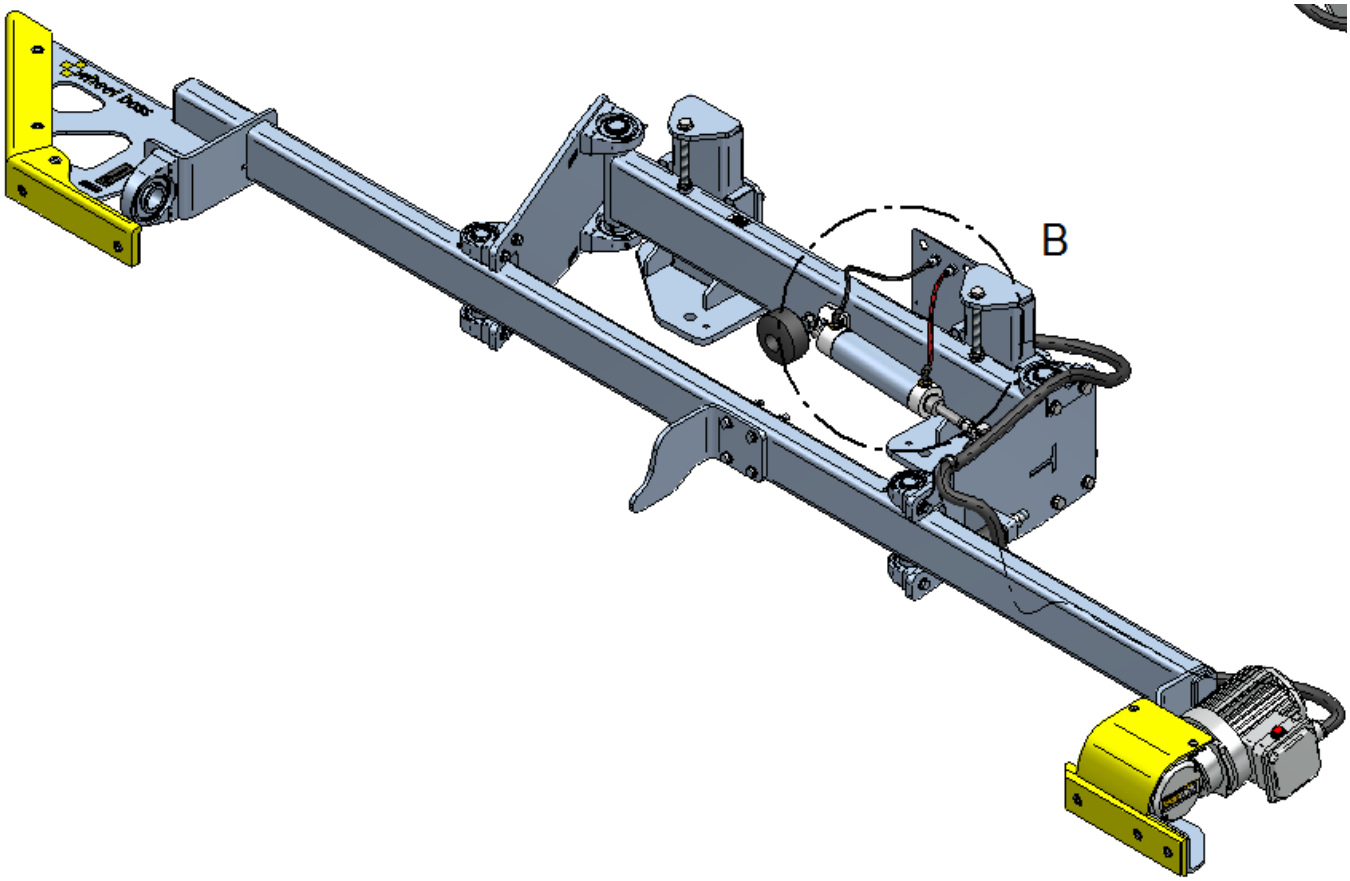
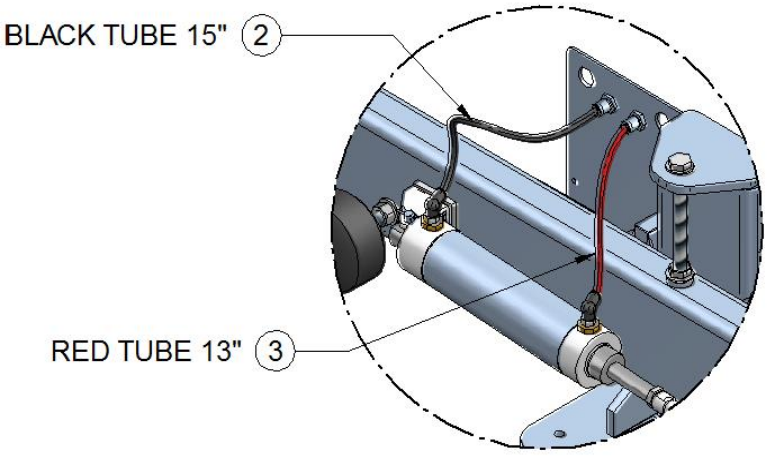


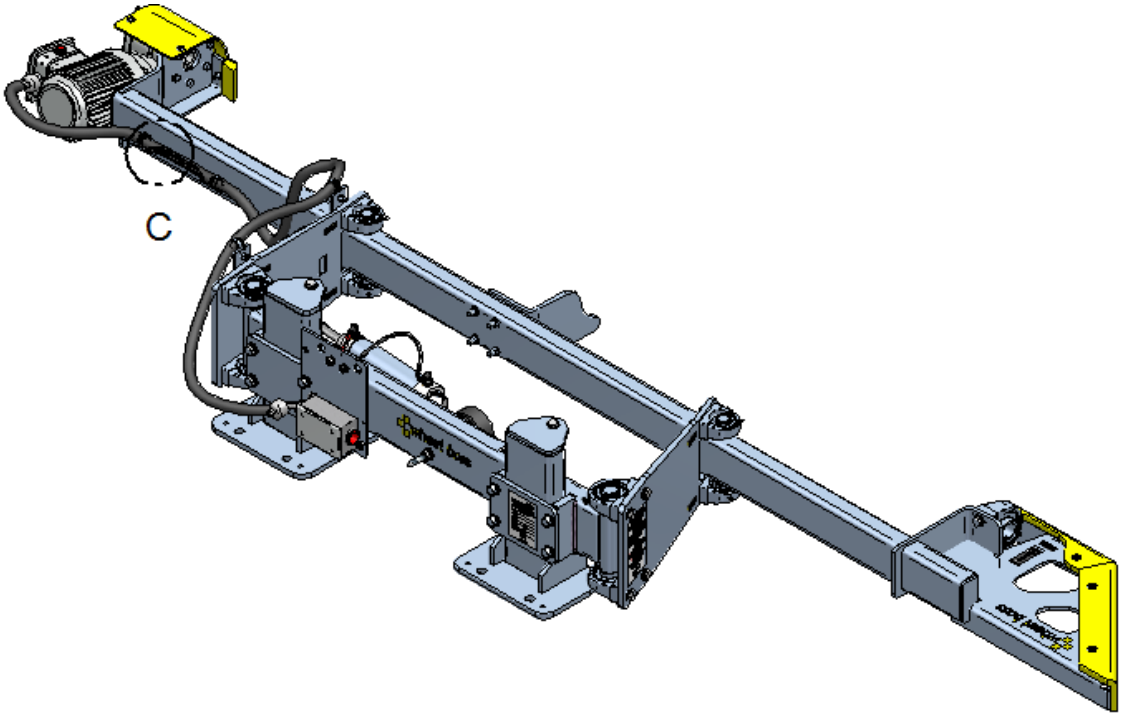


DETAIL A

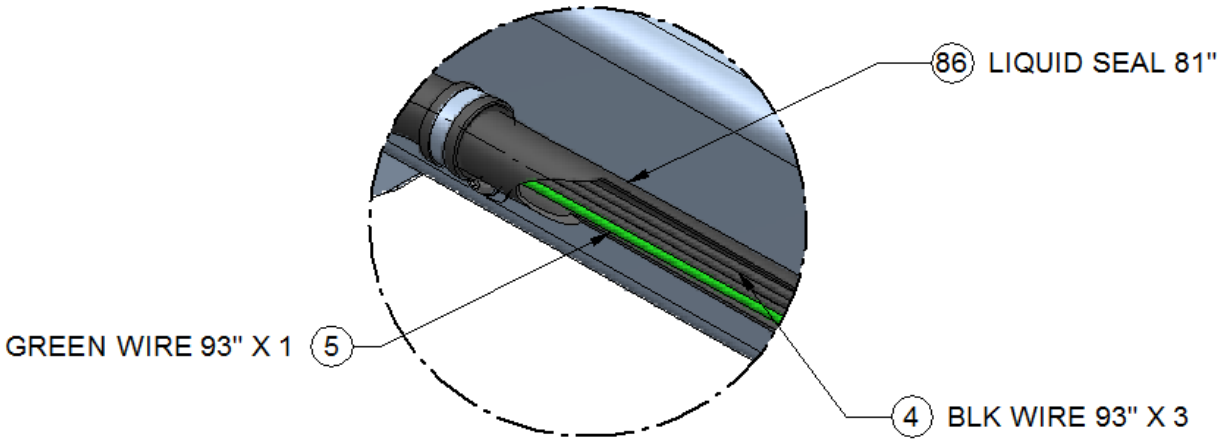


DETAIL B





DETAIL C

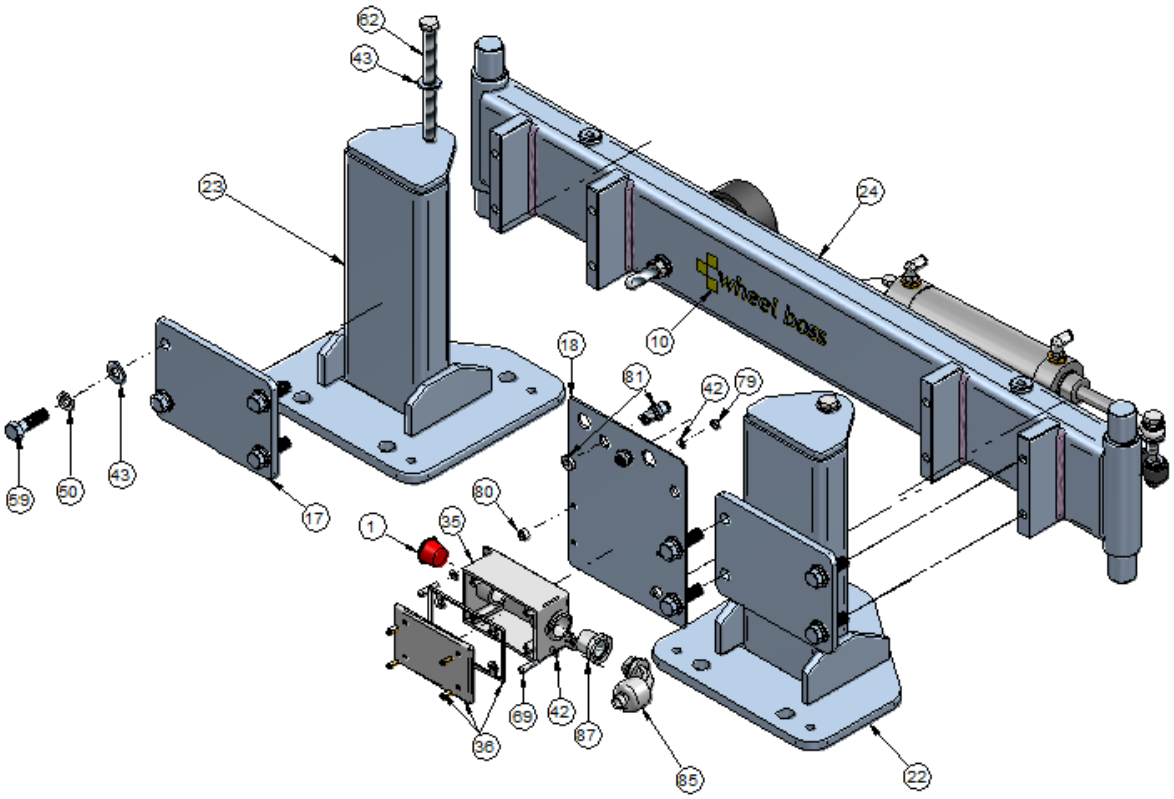


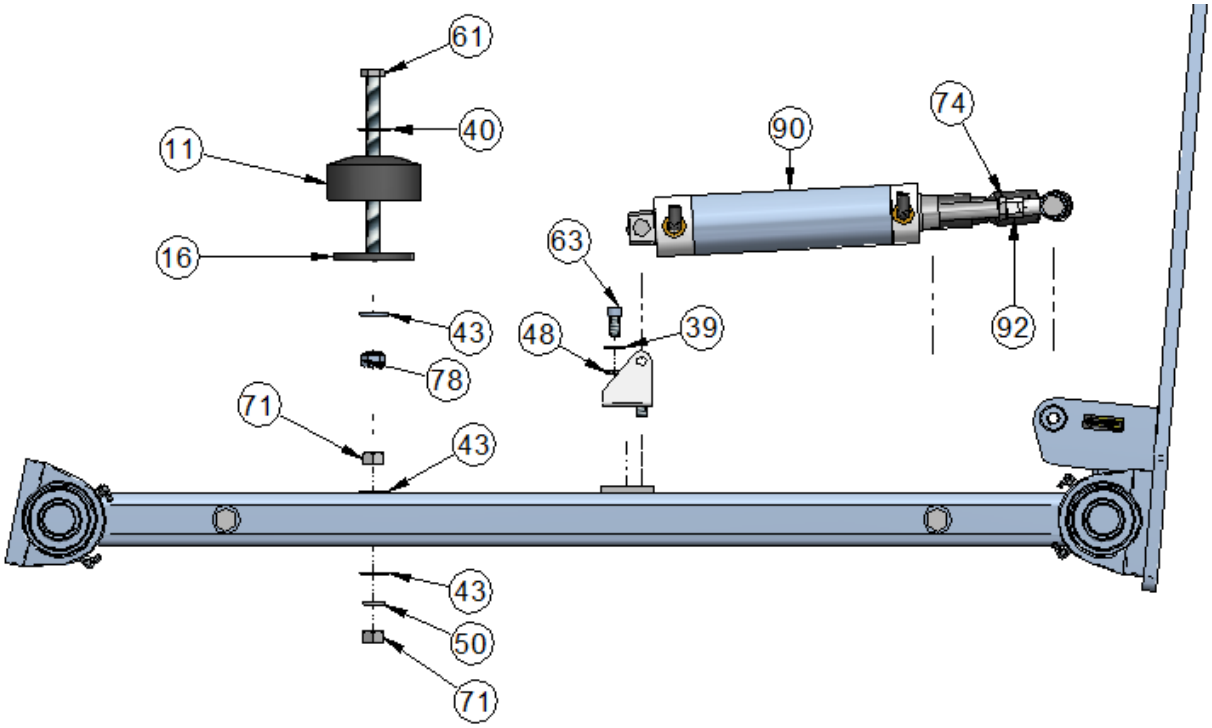
REF	DESCRIPTION	PART NUMBER	QTY
1	PLUG #40 RED TAPERED FOR 1"PORT 040A	05-090-14-PP	1
2	TUBE NY RD 0.25"OD -- 15"	33-361-20-4BK	1
3	TUBE NY RD 0.25"OD -- 13"	33-361-20-4RD	1
4	WIRE T90 14AWG BLACK 14/1	33-600-90-1BK	3
5	WIRE T90 14AWG GREEN 14/1	33-600-90-1GN	1
6	DECAL 'MACNEIL' LOGO 1-1/8” X 3-3/8”	36-000-01-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	3
10	BRUSH ROTATION DECAL 160 RPM CCW	36-040-11-PP	1
11	DECAL WHEEL BOSS SHORT	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	CABLE MOUNT TAB LARGE	4B-100-02-BK	1
18	CABLE MOUNT TAB SMALL	4B-100-03-BK	1
19	BUMPER BACKING DISC	4B-100-04-BK	1
20	BASE WELDMENT	4B-100-20-BK	1
21	CLAMP PLATE	4B-100-21-BK	2
22	BULKHEAD BRACKET	4B-100-22-BK	1
23	BUMPER WHEEL	4B-101-06-PP	1
24	MID SPAN SUPPORT	4B-102-00-BK	1
25	ARM HIGH ENTRY SHORT	4B-102-03-BK	1
26	EXT ARM WELDMENT LEFT HIGH	4B-103-00-BK	1
27	GEARBOX COVER	4B-103-06-PP	1
28	LEAD OUT SLIDER	4B-103-07-PP	1
29	D/S ENTRANCE POST	4B-104-30-BK	1
30	P/S ENTRANCE POST	4B-104-50-BK	1
31	CARRIER WELDMENT WB LEFT	4B-105-00-BK	1
32	BUMPER STOP BLACK W/ 5/8-11X4" (BOLT)	53-111-00-PP	1

33	GEAR BOX RETAINING BUSHING SS	53-710-04-PP	1
34	MACNEIL MOTOR HUB PLATE	53-710-05-MP	1
35	KEY SQR 8MM X 3"LG	53-710-07-PP	1
36	3/4" ROUND TUBE CLAMP SS	70-175-12-PP	4
37	JUNCTION BOX FSC-15 SINGLE	70-200-00-PP	1
38	JUNCTION BOX COVER 4.75"x3" w/GSKT&HDWR	70-201-00-PP	1
39	FLENDER MOTOR 11:1 GR-160 RPM EL (WHEEL BOSS)	70-700-60-PP	1
40	5/16" ID FLAT WASHER - SMALL OD	80-105-001-SI	10
41	WASHER SS FLAT 3/8"	80-106-000-SI	28
42	FLAT WASHER SS ½"	80-108-000-SI	1
43	FLAT WASHER 5/8" SS	80-110-000-SI	2
44	WASHER FLAT SS #10	80-110-000-SN	4
45	WASHER FLAT SS 1/2" X 1" OD	80-208-000-SI	22
46	WASHER SS FLAT SAE 1/2" ID X 2" OD	80-208-001-SI	1
47	WSHR SS FLAT SMALL-OD 1/4"	80-304-000-SI	6
48	WASHER SS FLAT SAE 7/16" ID .077 THK .921 OD	80-307-000-SI	8
49	WSHR SS LOCK 1/4"	80-904-000-SI	2
50	WASHER SS LOCK 5/16"	80-905-000-SI	8
51	LOCK WASHER 3/8" SS	80-906-000-SI	10
52	WASHER SS LOCK 7/16"	80-907-000-SI	8
53	LOCK WASHER SS 1/2"	80-908-000-SI	12
54	LOCK WASHER 5/8" SS	80-910-000-SI	1
55	WSHR SS LOCK 3/8" HIGH COLLAR	81-206-000-SI	1
56	HHCS SS 3/8"-16 X 1-1/4"	82-506-020-SIC	8
57	HHCS SS 3/8"-16 X 3-1/4"	82-506-052-SIC	4
58	HHCS SS 7/16"-14 X 1-1/4"	82-507-020-SIC	8
59	HHCS SS 1/2"-13 X 1 1/4"	82-508-020-SIC	2
60	HHCS 1/2-13 X 1 3/4" S.S.	82-508-028-SIC	8
61	HHCS SS M8 X 30 mm	82-508-030-SMC	6
62	HHCS SS 1/2"-13 X 7"	82-508-112-SIC	1
63	HHCS FL-THD SS 1/2"-13 X 3 1/2"	82-608-056-SIC	1
64	HHCS FL-THD SS 1/2"-13 X 6"	82-608-096-SIC	2
65	SHCS SS 3/8"-16 X 3/4"	82-706-012-SIC	2

66	SHCS SS 3/8-16 X 1-1/2"	82-706-024-SIC	1
67	SHCS SS M8 X 25MM (1"LG)	82-708-025-SMC	2
68	SCREW SS BTN-HD 1/4"-20 X 3/4"	83-204-012-SIC	2
69	SCREW SS BTN-HD 1/4"-28 X 3/4"	83-204-012-SIF	3
70	SCREW SS BTN-HD HEX 5/16" -18 X 1"	83-205-016-SIC	2
71	SCREW PHL PAN-HD SS #10-24 X 1"	83-510-016-SNC	2
72	SCRW SS FLT-HD HEX. 3/8"-16 X 1-1/2"	83-606-024-SIC	10
73	NUT SS 1/2"-13	84-008-000-SIC	2
74	NUT SS 5/8"-11	84-010-000-SIC	2
75	NUT SS JAM 1/2"-13	84-108-000-SIC	4
76	NUT SS JAM ½" – 20	84-108-000-SIF	1
77	NUT SS NYLOCK 1/4"-20	85-004-000-SIC	2
78	NYLOCK NUT 5-/16" -18	85-005-000-SIC	2
79	NUT SS NYLOCK 3/8"-16	85-006-000-SIC	14
80	NUT SS NYLOCK 1/2"-13	85-008-000-SIC	2
81	NUT NYLOCK SS #10-24	85-010-240-SIC	2
82	SPACER NY 1/2"DIA X 1/4" SP217	89-008-004-NI	2
83	AIR BULKHEAD UNION 1/4"TBE X 1/4"TBE	90-005-01-PP	2
84	BUSHING REDUCER 1/4" MNPT-1/8" FNPT BR 110-BA	90-030-00-PP	2
85	1/2" NPT PLUG-RED P48-B	90-054-08-PP	2
86	1/2" FLEXIBLE METALLIC LT CONDUIT	90-055-01-PP	1
87	FTG LT CONNECTOR 90DEG 1/2"NPT (NON-METALLIC)	90-055-02-PP	1
88	FTG LT CONNECTOR STRAIGHT 1/2"NPT (NON-METALLIC)	90-055-03-PP	1
89	3/4" PIPE - 1/2" FNPT BUSHING	90-071-01-PP	1
90	RESTRICTOR FITTING 90 DEG 1/4 TUBE 0.4 MM ORIFICE	90-071-14-PP	1
91	RESTRICTOR FITTING 90 DEG 1/4 TUBE 1.4 MM ORIFICE	90-071-21-PP	1
92	CYLINDER AIR 2" DIA X 6" STROKE	90-100-01-PP	1
93	ROD END SS-PHSB8 1/2"F-20 C/WGR NPL10-32	90-151-02-PP	1
94	PIVOT BRACKET SS C/W PIN & CLIP BP-19CSS	90-174-00-PP	1
95	SUC208-24 TAPPED BASE BEARING	90-196-01-PP	1
96	SUC206-20 TAPPED BASE BEARING	90-196-02-PP	4
97	SUC205-16 TAPPED BASE BEARING	90-196-03-PP	4

PASSENGER SIDE

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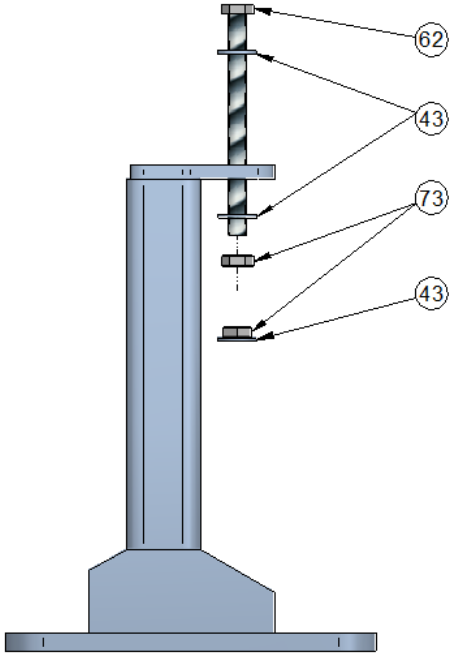
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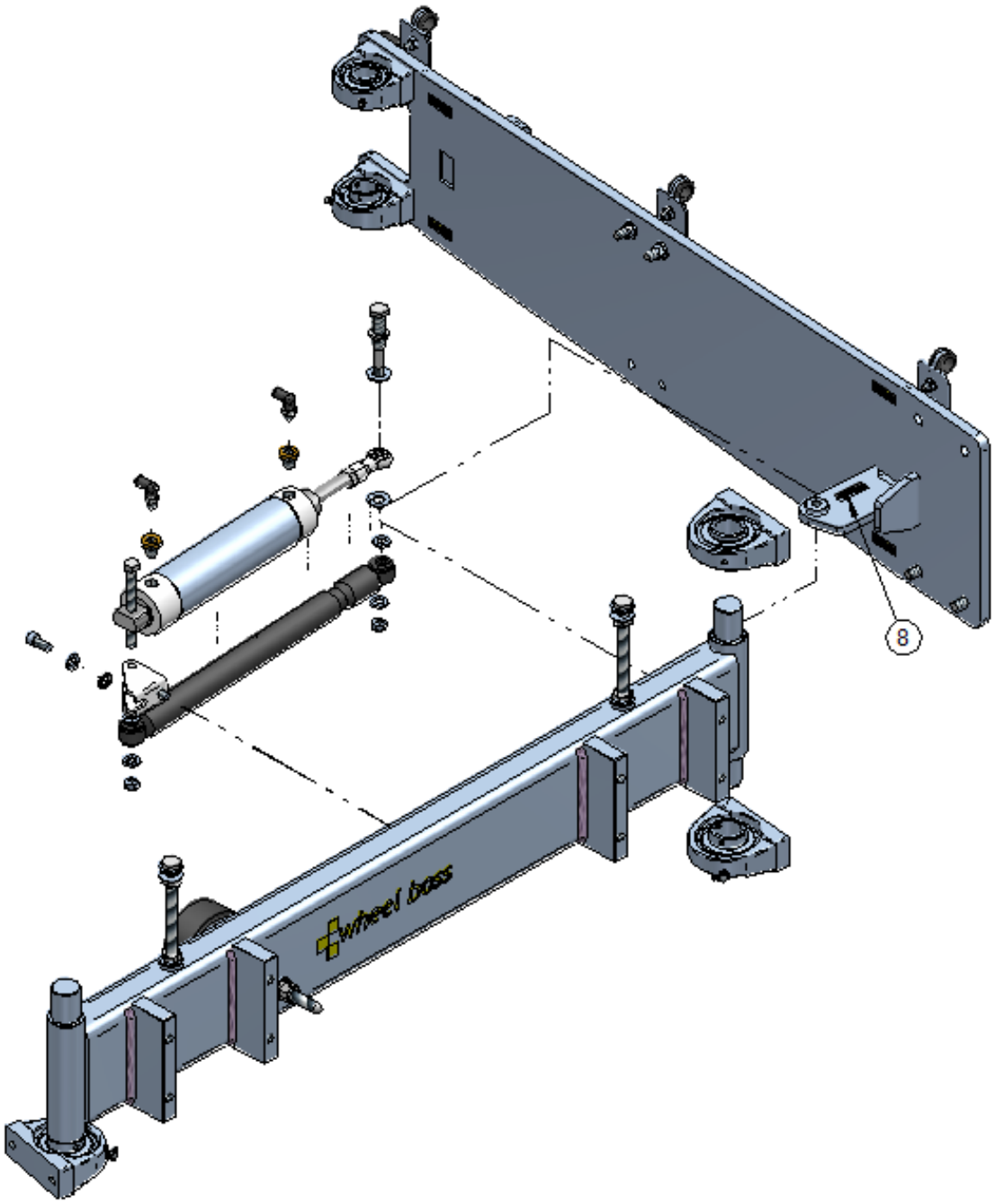

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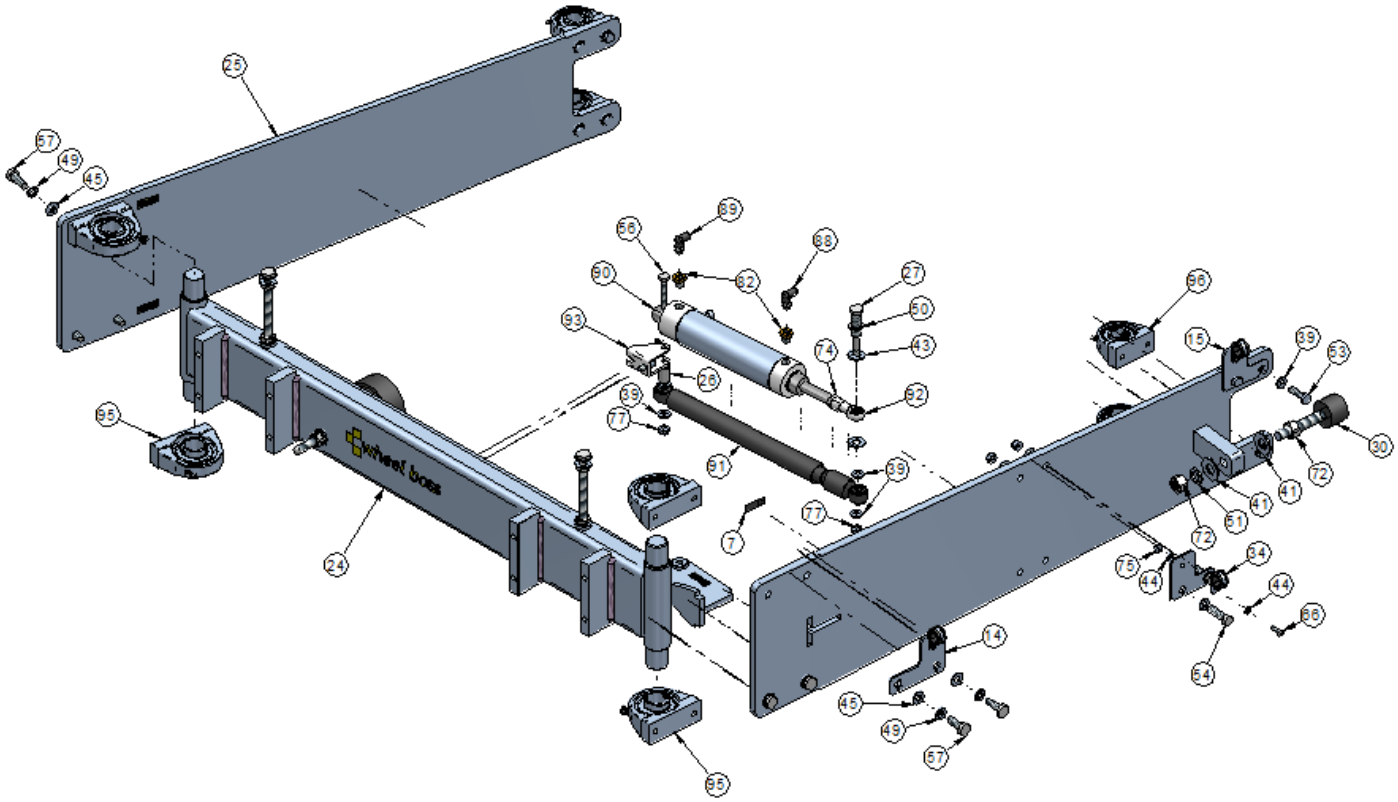
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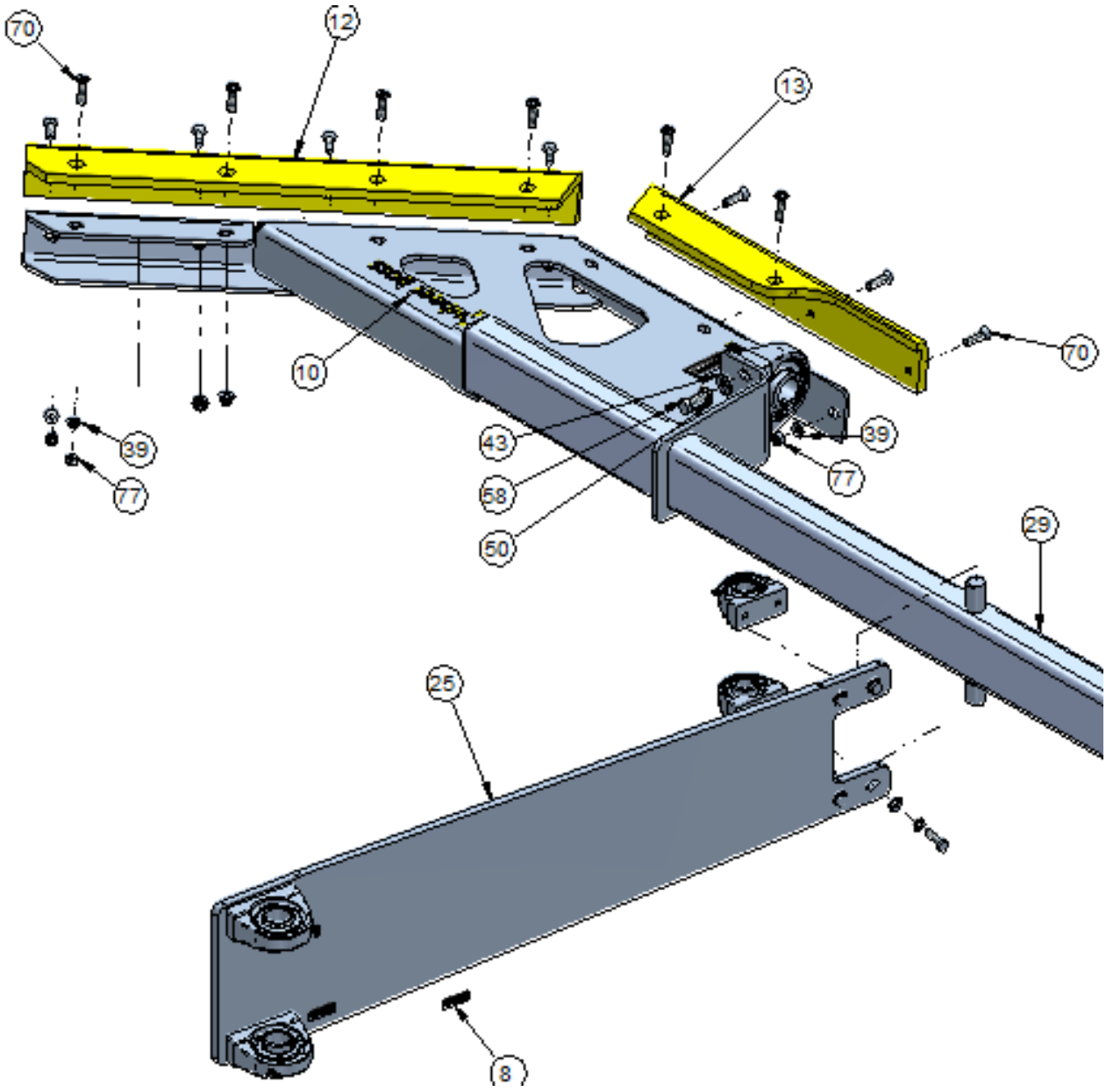
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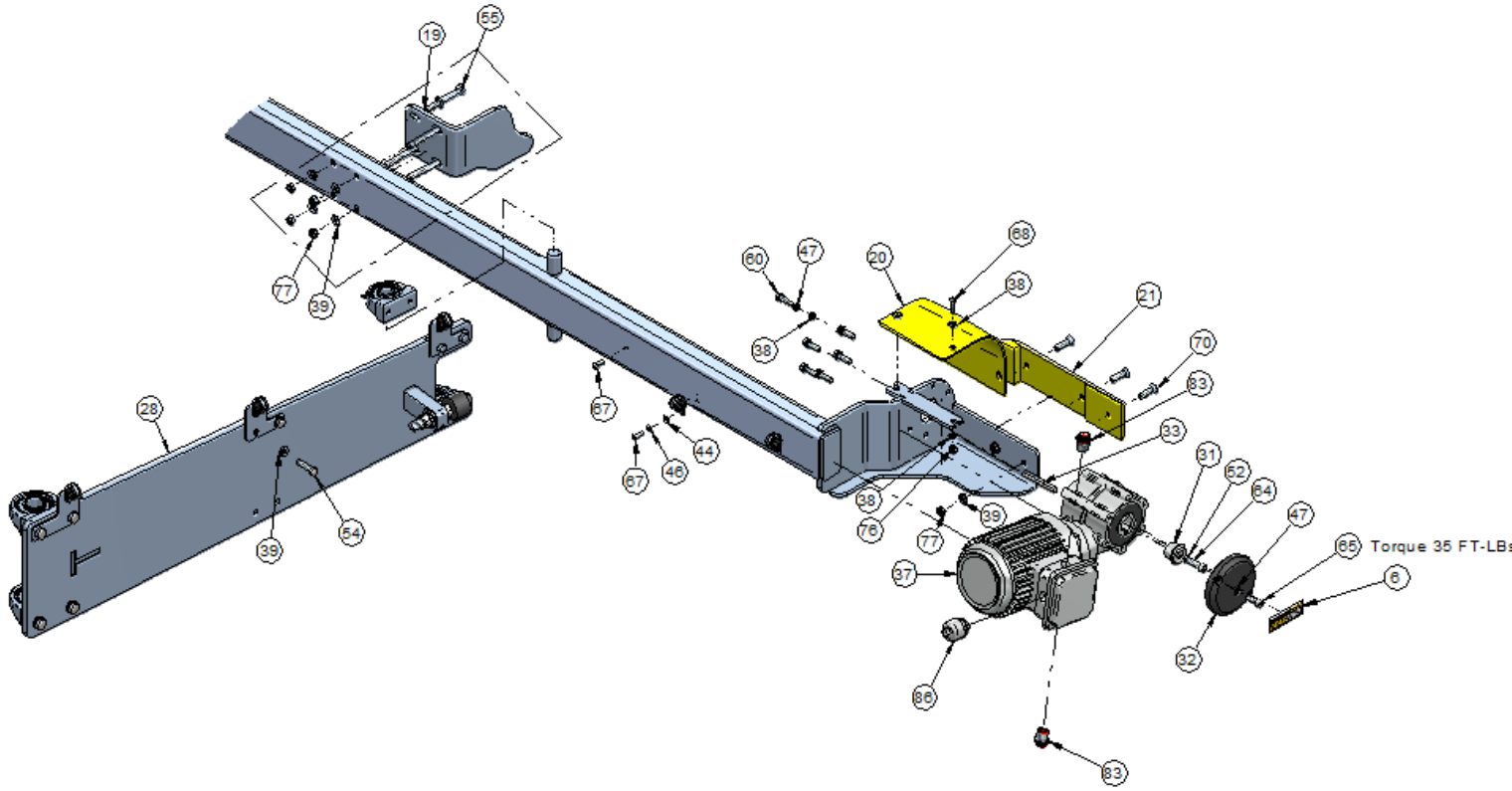
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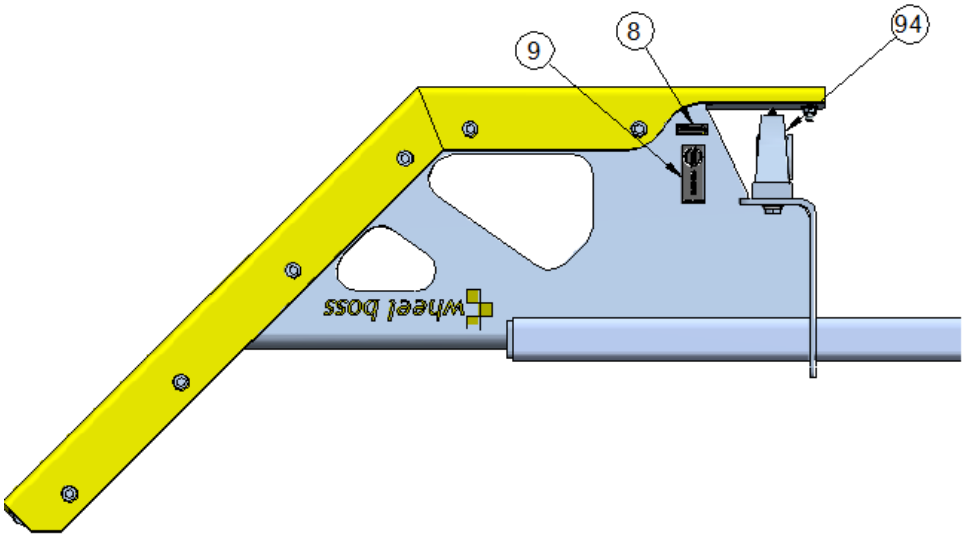
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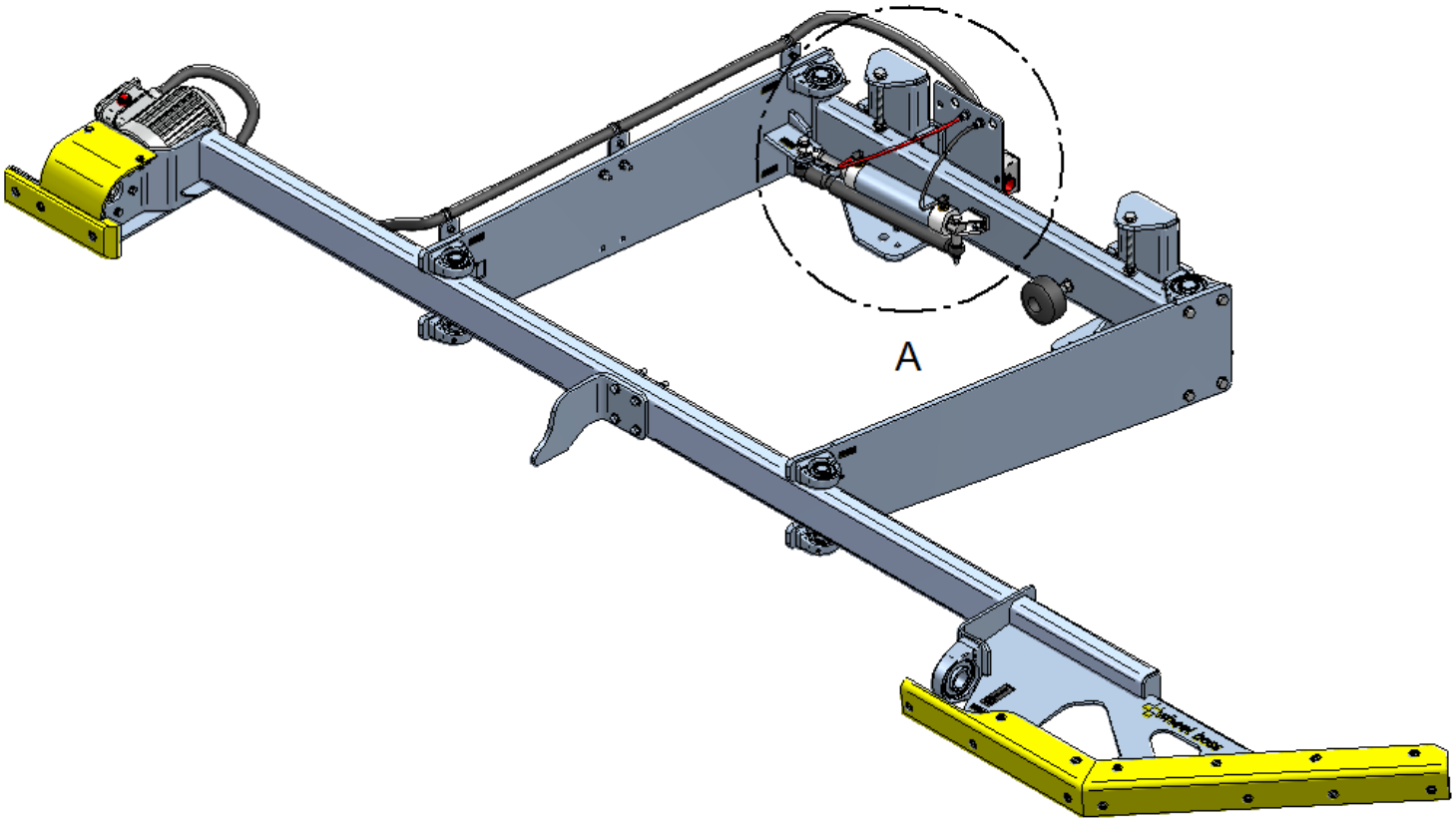
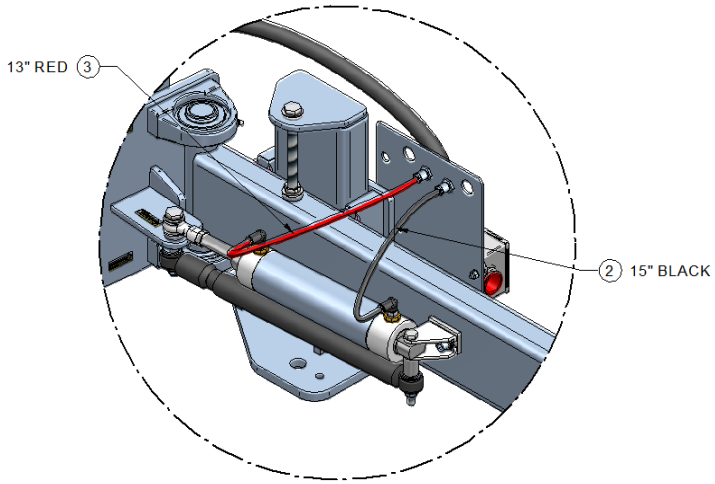
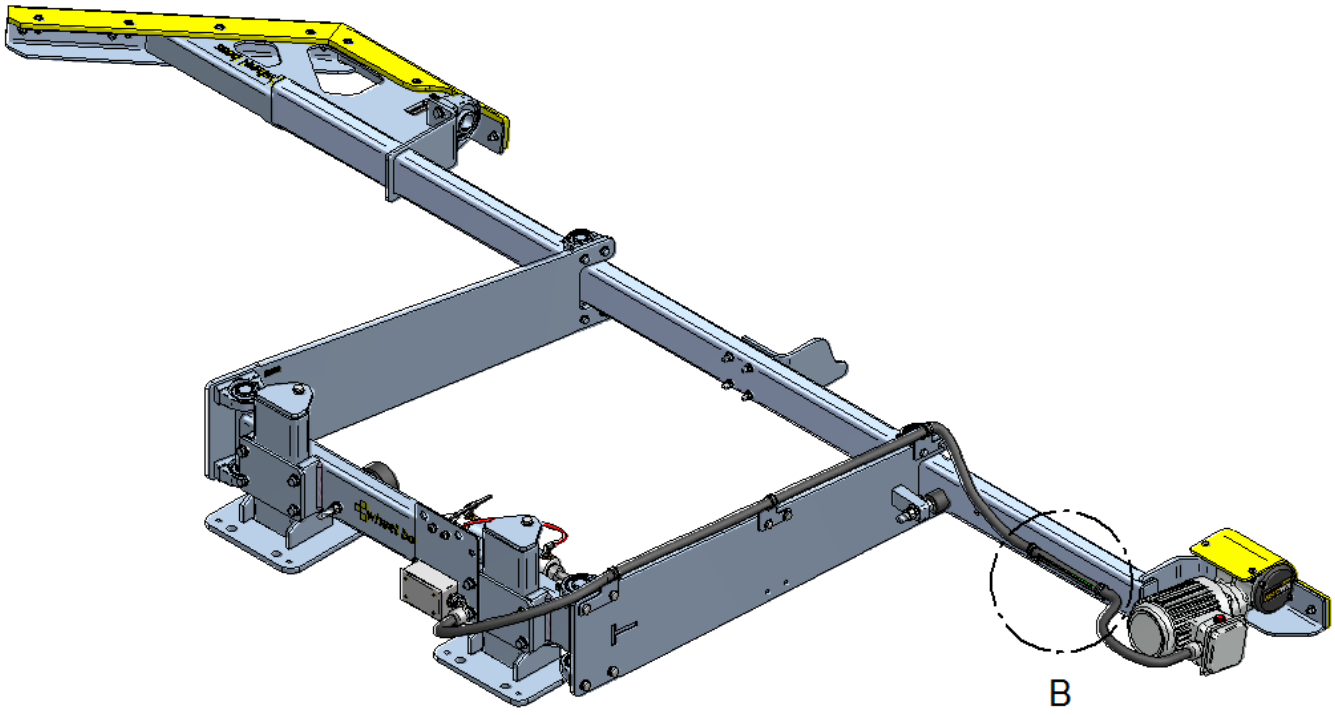
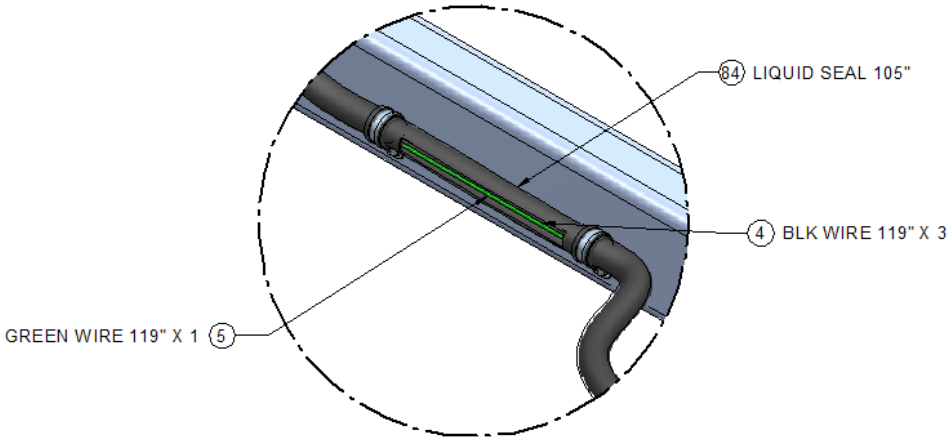




DETAIL A





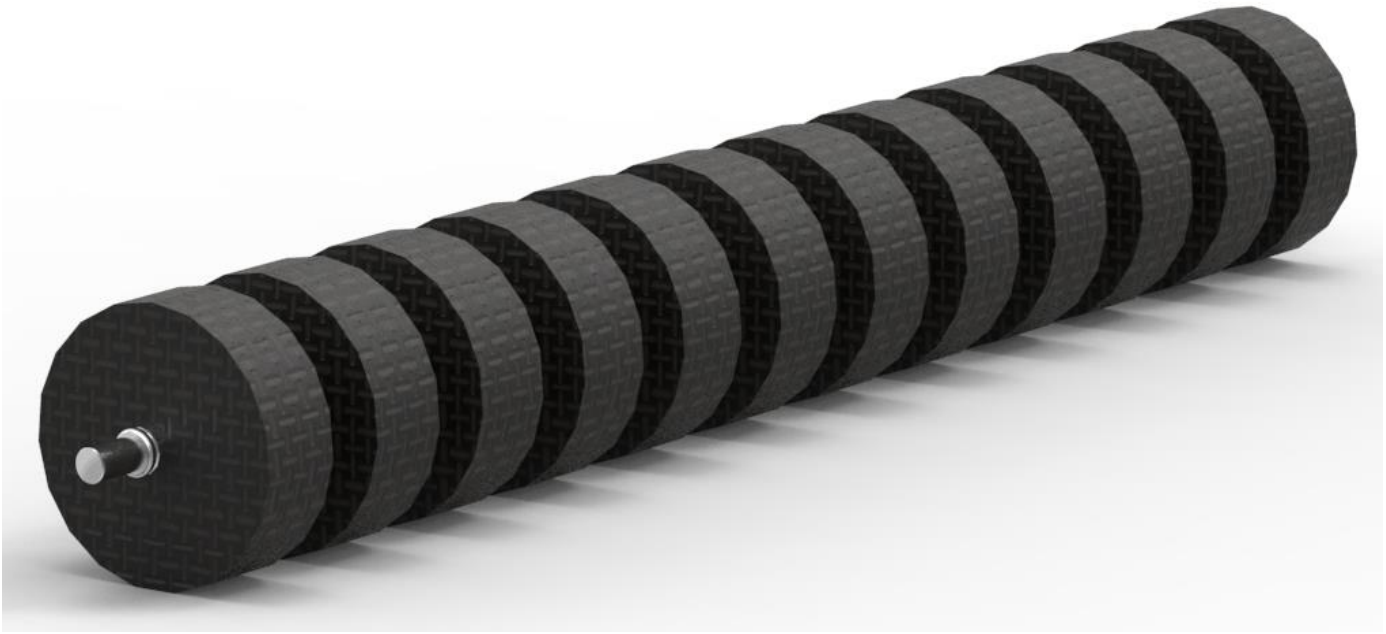
DETAIL B

REF.	DESCRIPTION	PART NO.	QTY
1	Plug #40 Red Tapered For 1"Port 040a	05-090-14-PP	1
2	TUBE NY BLACK .250"OD	33-361-20-4BK	1
3	TUBE NY RED .250"OD	33-361-20-4RD	1
4	WIRE T90 14AWG BLACK 14/1	33-600-90-1BK	3
5	WIRE T90 14AWG GREEN 14/1	33-600-90-1GN	1
6	DECAL 'MACNEIL' LOGO 1-1/8” X 3-3/8”	36-000-01-PP	1
7	DECAL 'GREASE WEEKLY' > RIGHT –YL/BLK	36-016-02-PP	2
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	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	CABLE MOUNT TAB LARGE	4B-100-02-BK	1
15	CABLE MOUNT TAB SMALL	4B-100-03-BK	2
16	BUMPER BACKING DISC	4B-100-04-BK	1
17	CLAMP PLATE	4B-100-21-BK	2
18	BULKHEAD BRACKET	4B-100-22-BK	1
19	MID SPAN SUPPORT	4B-102-00-BK	1
20	GEARBOX COVER	4B-103-06-PP	1
21	LEAD OUT SLIDER	4B-103-07-PP	1
22	D/S ENTRANCE POST	4B-104-30-BK	1
23	P/S ENTRANCE POST	4B-104-50-BK	1
24	Base Weldment Right	4B-201-00-BK	1
25	Arm High Entry Long	4B-202-03-BK	1
26	SPACER FOR WHEEL BOSS ARM SHOCK	4B-202-04-MP	1
27	CUSTOM CYL SHOCK MOUNT BOLT	4B-202-05-PP	1
28	EXIT ARM WELDMENT RIGHT HIGH	4B-203-00-BK	1
29	CARRIER WELDMENT WB RIGHT	4B-205-00-BK	1
30	ADJUSTABLE BUMPER STOP 4"	53-111-00-PP	1
31	GEAR BOX RETAINING BUSHING SS	53-710-04-PP	1

32	MACNEIL MOTOR HUB PLATE	53-710-05-MP	1
33	KEY SQR 8mm X 3"LG	53-710-07-PP	1
34	3/4" ROUND TUBE CLAMP SS	70-175-12-PP	5
35	JUNCTION BOX FSC-15 SINGLE	70-200-00-PP	1
36	JUNCTION BOX COVER 4-3/4" X 3" C/W GSKT & HDWR	70-201-00-PP	1
37	FLENDER MOTOR 11:1 GR-160 RPM EL (WHEEL BOSS)	70-700-60-PP	1
38	5/16" ID FLAT WASHER - SMALL OD	80-105-001-SI	10
39	WASHER SS FLAT 3/8"	80-106-000-SI	42
40	FLAT WASHER SS ½"	80-108-000-SI	1
41	FLAT WASHER 5/8" SS	80-110-000-SI	2
42	WASHER FLAT SS #10	80-110-000-SN	4
43	WASHER FLAT SS 1/2" X 1" OD	80-208-000-SI	21
44	WSHR SS FLAT SMALL-OD 1/4"	80-304-000-SI	8
45	WASHER SS FLAT SAE 7/16" ID .077 THK .921 OD	80-307-000-SI	8
46	WSHR SS LOCK 1/4"	80-904-000-SI	2
47	WASHER SS LOCK 5/16"	80-905-000-SI	8
48	LOCK WASHER 3/8" SS	80-906-000-SI	10
49	WASHER SS LOCK 7/16"	80-907-000-SI	8
50	LOCK WASHER SS 1/2"	80-908-000-SI	12
51	Lock Washer 5/8" SS	80-910-000-SI	1
52	WSHR SS Lock 3/8" High Collar	81-206-000-SI	1
53	HHCS SS 3/8"-16 X 1-1/4"	82-506-020-SIC	8
54	HHCS SS 3/8"-16 X 1-1/2"	82-506-024-SIC	2
55	HHCS SS 3/8"-16 X 3-1/4"	82-506-052-SIC	4
56	HHCS SS 3/8"-16 x 4"	82-506-064-SIC	1
57	HHCS SS 7/16"-14 X 1-1/4"	82-507-020-SIC	8
58	HHCS SS 1/2"-13 X 1 1/4"	82-508-020-SIC	2
59	HHCS 1/2-13 X 1 3/4" S.S.	82-508-028-SIC	8
60	HHCS SS M8 X 30 mm	82-508-030-SMC	6
61	HHCS SS 1/2"-13 X 7"	82-508-112-SIC	1
62	HHCS FL-THD SS 1/2"-13 X 6"	82-608-096-SIC	2
63	SHCS SS 3/8"-16 X 3/4"	82-706-012-SIC	2
64	SHCS SS 3/8-16 X 1-1/2"	82-706-024-SIC	1

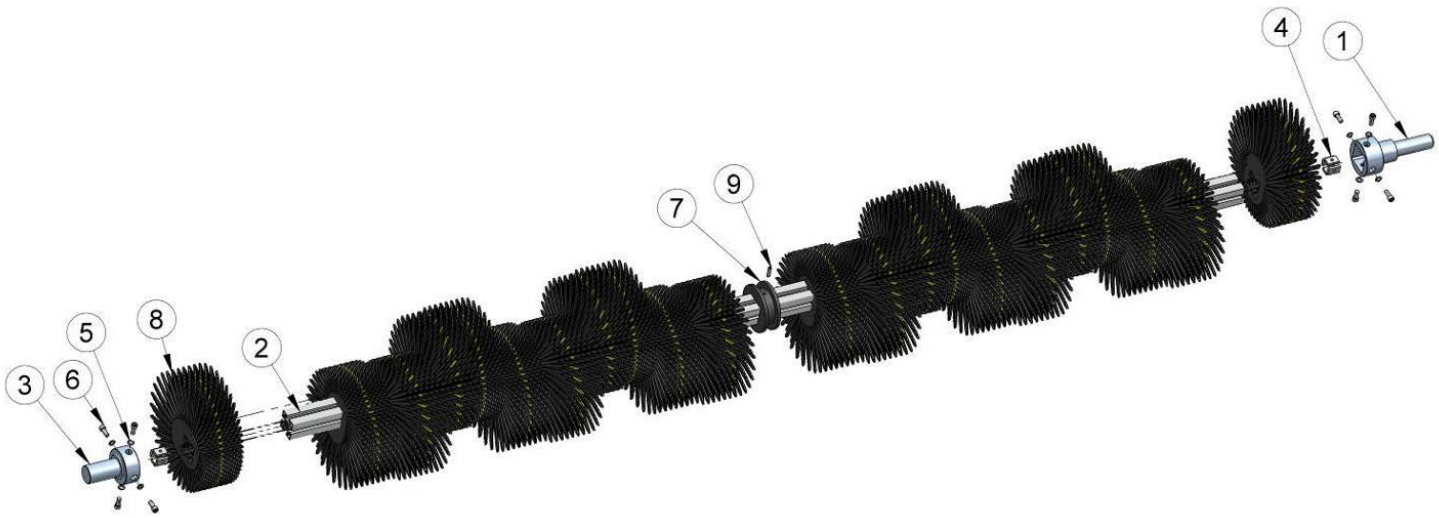
65	SHCS SS M8 X 25mm (1"LG)	82-708-025-SMC	2
66	SCREW SS BTN-HD 1/4"-20 X 3/4"	83-204-012-SIC	3
67	SCREW SS BTN-HD 1/4"-28 X 3/4"	83-204-012-SIF	3
68	SCREW SS BTN-HD HEX 5/16" -18 X 1"	83-205-016-SIC	2
69	SCREW PHL PAN-HD SS #10-24 X 1"	83-510-016-SNC	2
70	SCRW SS FLT-HD HEX. 3/8"-16 X 1-1/2"	83-606-024-SIC	16
71	NUT SS 1/2"-13	84-008-000-SIC	2
72	NUT SS 5/8"-11	84-010-000-SIC	2
73	NUT SS JAM 1/2"-13	84-108-000-SIC	4
74	NUT SS JAM ½" – 20	84-108-000-SIF	1
75	NUT SS NYLOCK 1/4"-20	85-004-000-SIC	3
76	NYLOCK NUT 5-/16" -18	85-005-000-SIC	2
77	NUT SS NYLOCK 3/8"-16	85-006-000-SIC	24
78	NUT SS NYLOCK 1/2"-13	85-008-000-SIC	1
79	NUT NYLOCK SS #10-24	85-010-240-SIC	2
80	SPACER NY 1/2"DIA X 1/4" SP217	89-008-004-NI	2
81	AIR BULKHEAD UNION 1/4"TBE X 1/4"TBE	90-005-01-PP	2
82	BUSHING REDUCER 1/4" MNPT-1/8" FNPT BR 110-BA	90-030-00-PP	2
83	1/2" NPT PLUG-RED P48-B	90-054-08-PP	2
84	1/2" FLEXIBLE METALLIC LT CONDUIT	90-055-01-PP	1
85	FTG LT CONNECTOR 90DEG 1/2"NPT (NON-METALLIC)	90-055-02-PP	1
86	FTG LT CONNECTOR STRAIGHT 1/2"NPT (NON-METALLIC)	90-055-03-PP	1
87	3/4" PIPE - 1/2" FNPT BUSHING	90-071-01-PP	1
88	RESTRICTOR FITTING 90 DEG 1/4 TUBE 0.4 MM ORIFICE	90-071-14-PP	1
89	RESTRICTOR FITTING 90 DEG 1/4 TUBE 1.4 MM ORIFICE	90-071-21-PP	1
90	CYLINDER AIR 2" DIA X 6" STROKE	90-100-01-PP	1
91	SHOCK ABSORBER - BOGE 22-794-9	90-100-50-PP	1
92	ROD END SS-PHSB8 1/2"F-20 C/WGR NPL10-32	90-151-02-PP	1
93	PIVOT BRACKET SS C/W PIN & CLIP BP-19CSS	90-174-00-PP	1
94	SUC208-24 TAPPED BASE BEARING	90-196-01-PP	1
95	SUC206-20 TAPPED BASE BEARING	90-196-02-PP	4
96	SUC205-16 TAPPED BASE BEARING	90-196-03-PP	4

BRISTLE STEP BRUSH



REF.	DESCRIPTION	PART NUMBER	QTY.
1	WB BRISTLE STEP BRUSH BLK	40-945-30-PP	2

FOAM CAM BRUSH (D/S # 4B-650-00-MP & P/S # 4B-750-00-MP)



REF.	DESCRIPTION	PART NUMBER	QTY.
1	Gearbox End Insert	40-750-03-MP	1
2	Wheel Brush Extruded Shaft	40-750-08-MP	1
3	Bearing End Insert	4B-650-02-MP	1
4	T-Nut - 5/16"-18	40-750-06-PP	8
5	Washer High Collar Lock 8mm SS	81-208-000-SM	8
6	SHCS SS 5/16"-18 X 3/4"	82-705-012-SIC	8
7	Mid Span Support Bobbin	40-750-01-MP	1
8	Wheel Boss Brush Section	40-745-00-MP	24
9	Hex Socket Set Screw, 1/4-20 X 1" SS	83-704-016-SIC	1