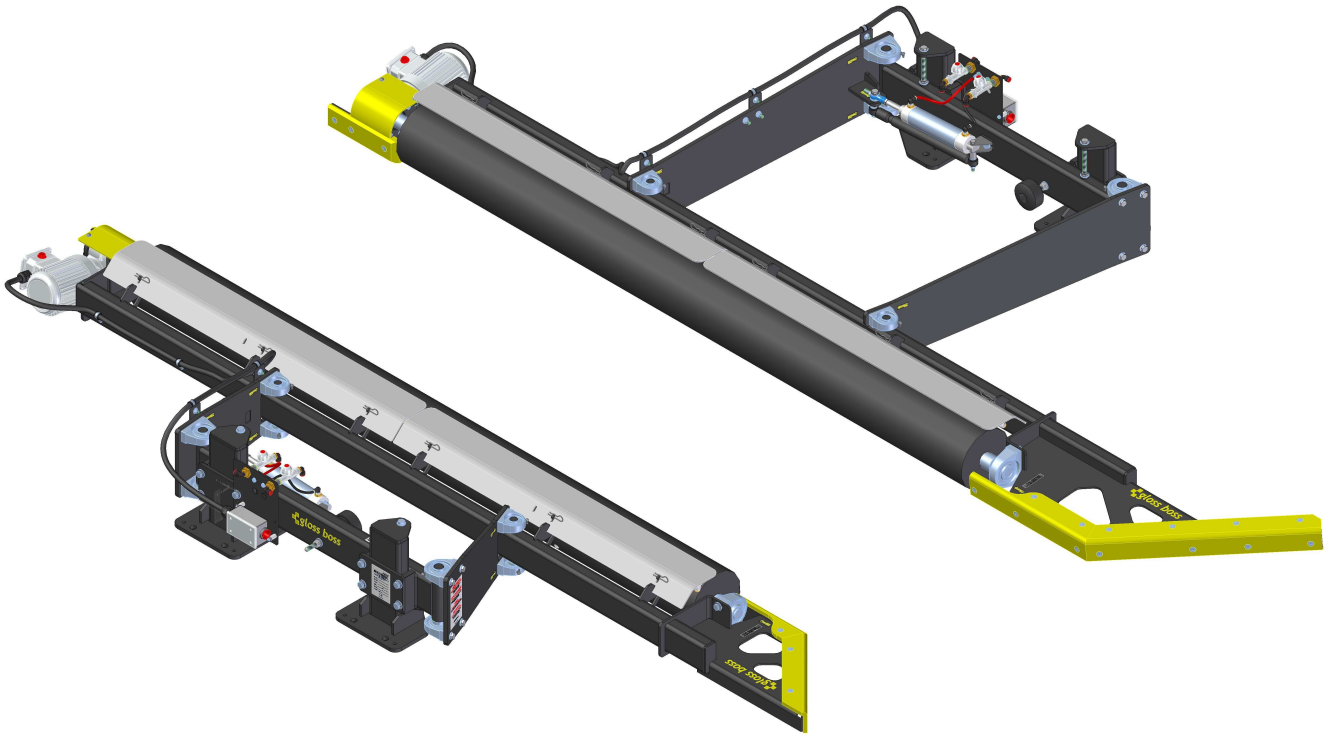
DOCUMENT #EPL-MT2500-ELECTRIC (STD.)



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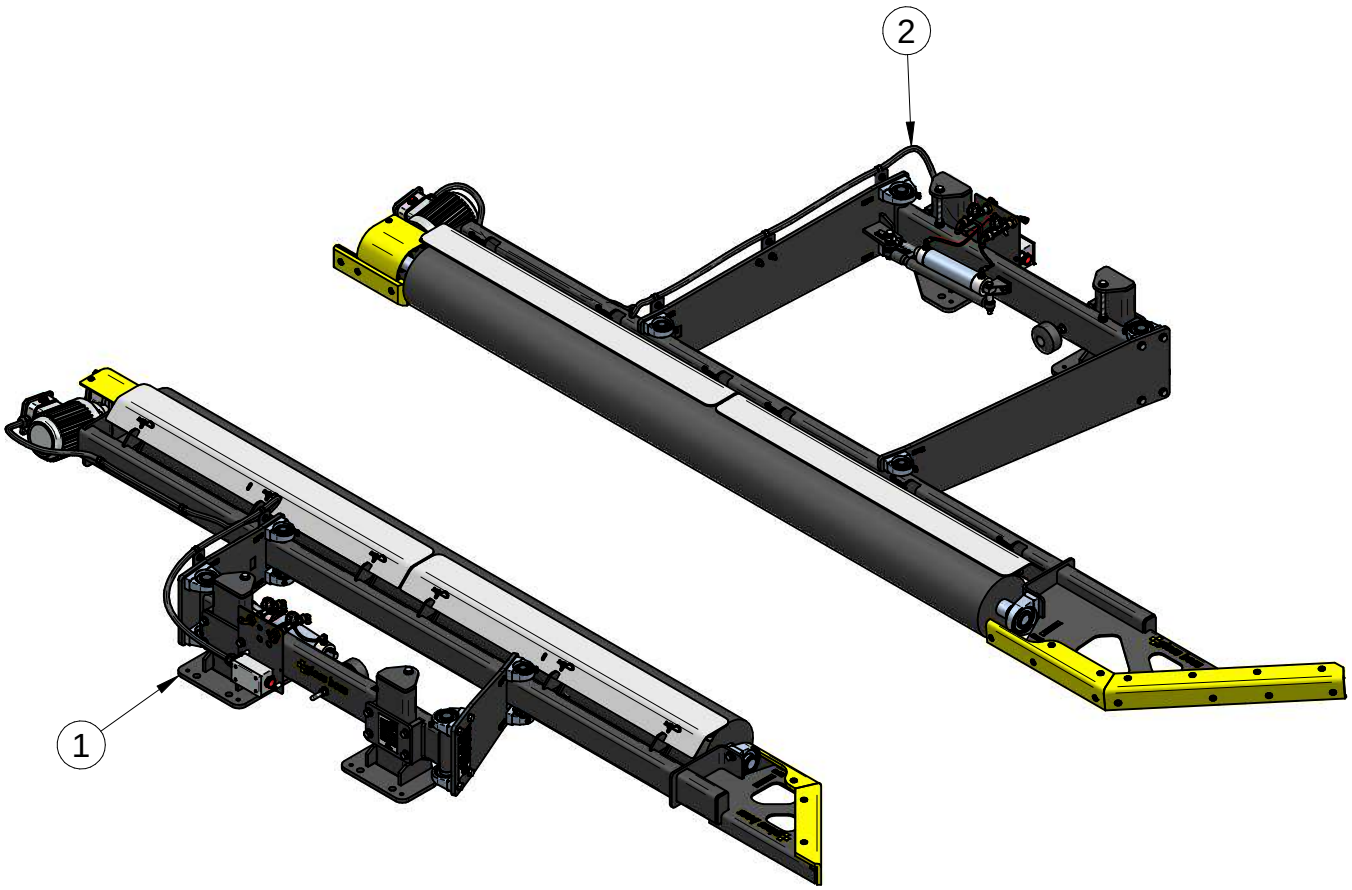
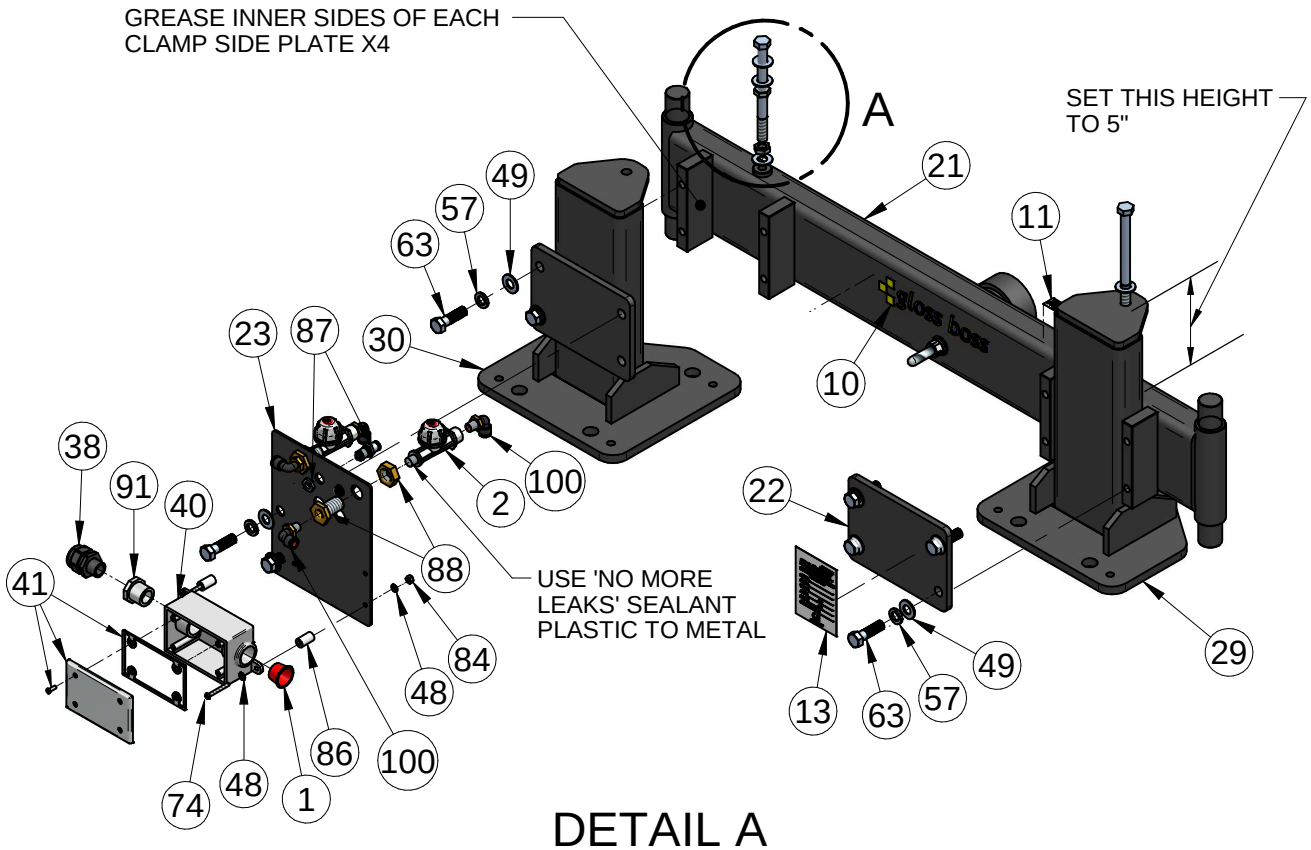
MT2500 SET OVERVIEW

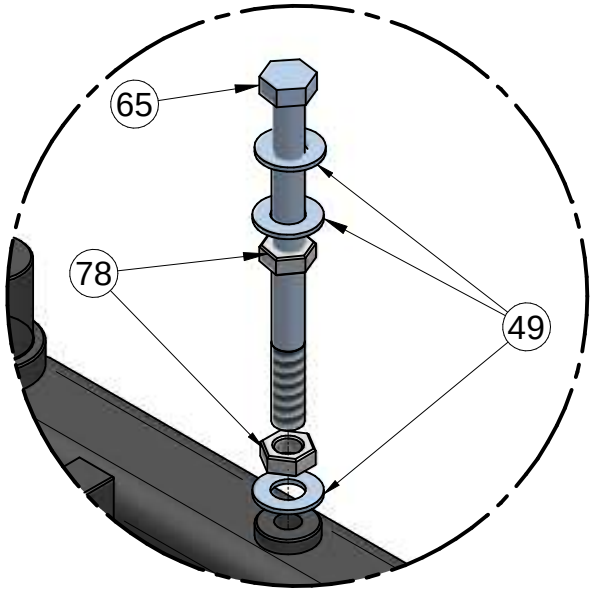


REF.	DESCRIPTION	PART NUMBER	QTY
1	GLOSS BOSS DS	4G-100-00-MP	1
2	GLOSS BOSS PS	4G-200-00-MP	1

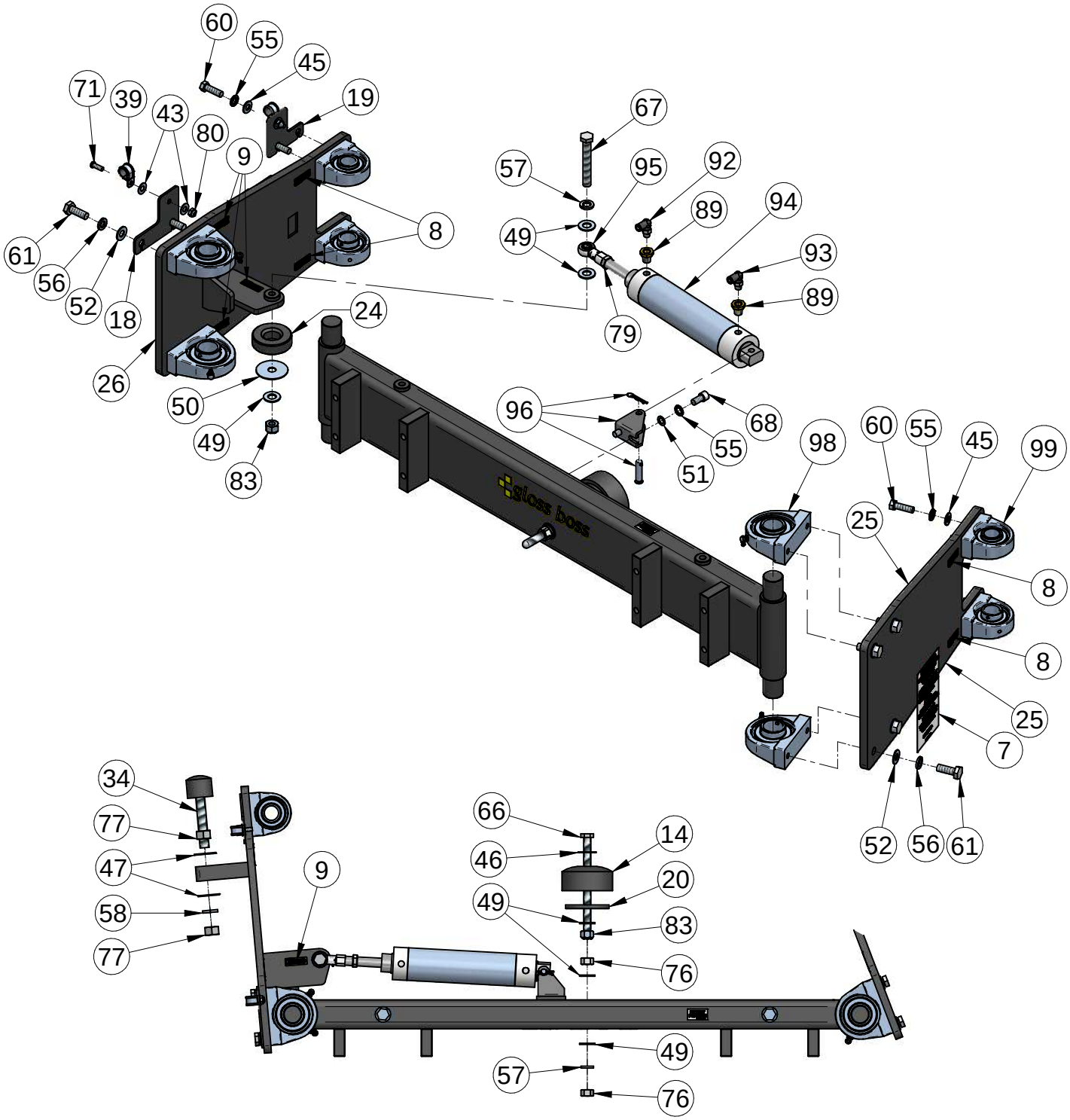
4G-100-00-MP EXPLOSION



DETAIL A



4G-100-00-MP EXPLOSION



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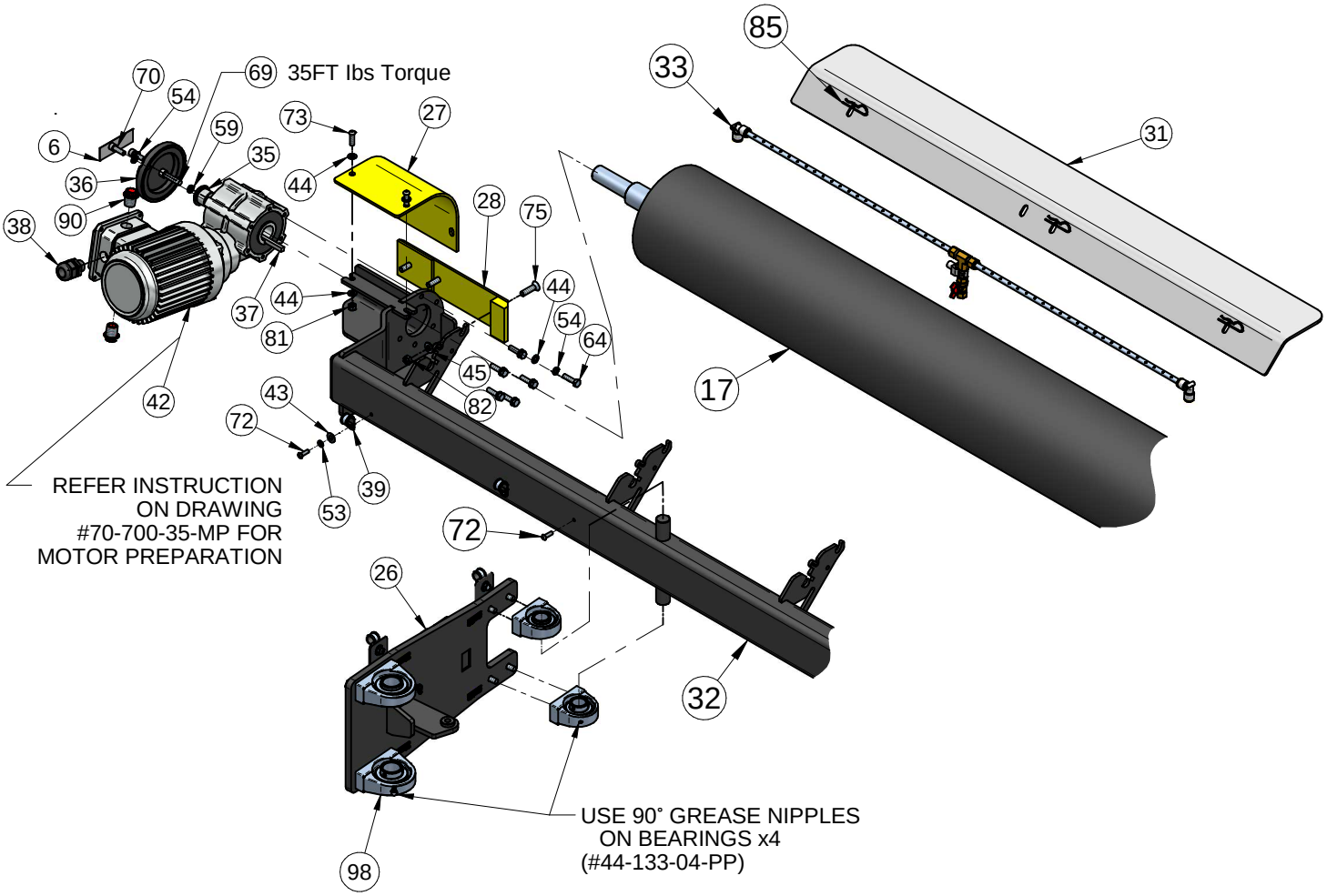

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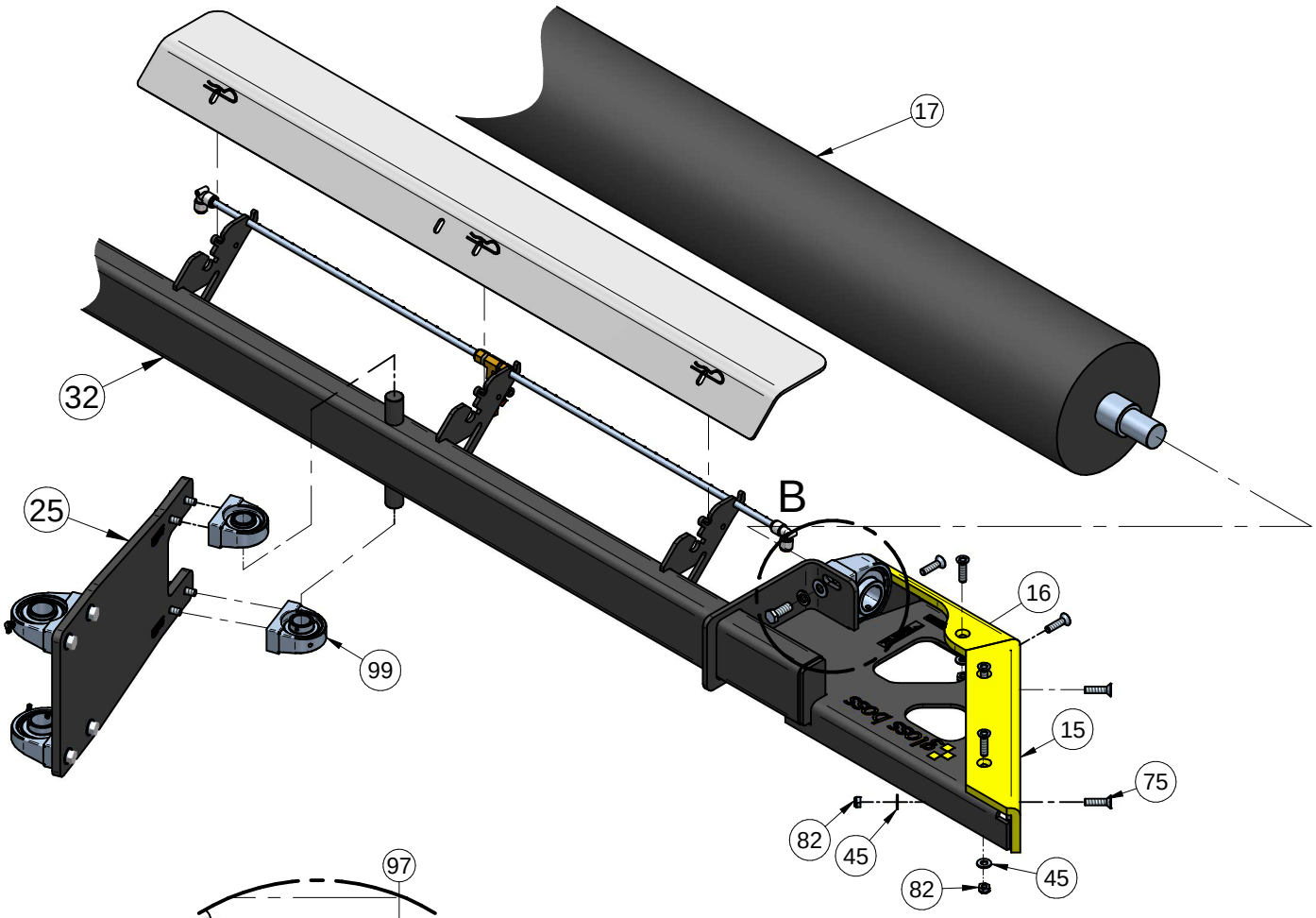
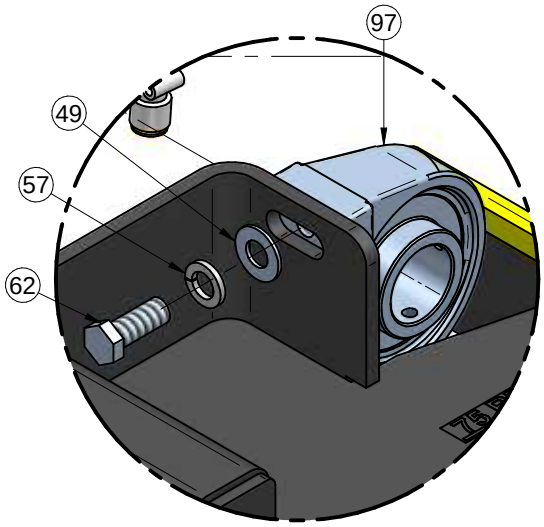
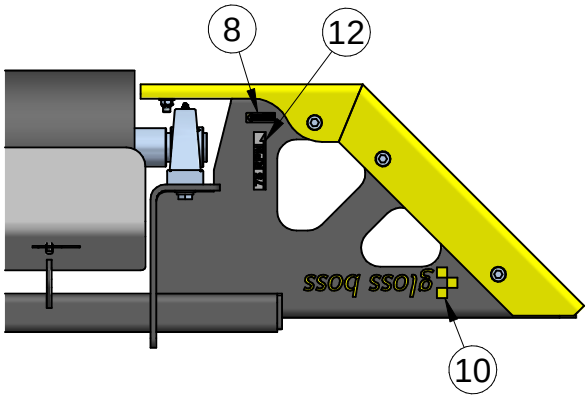
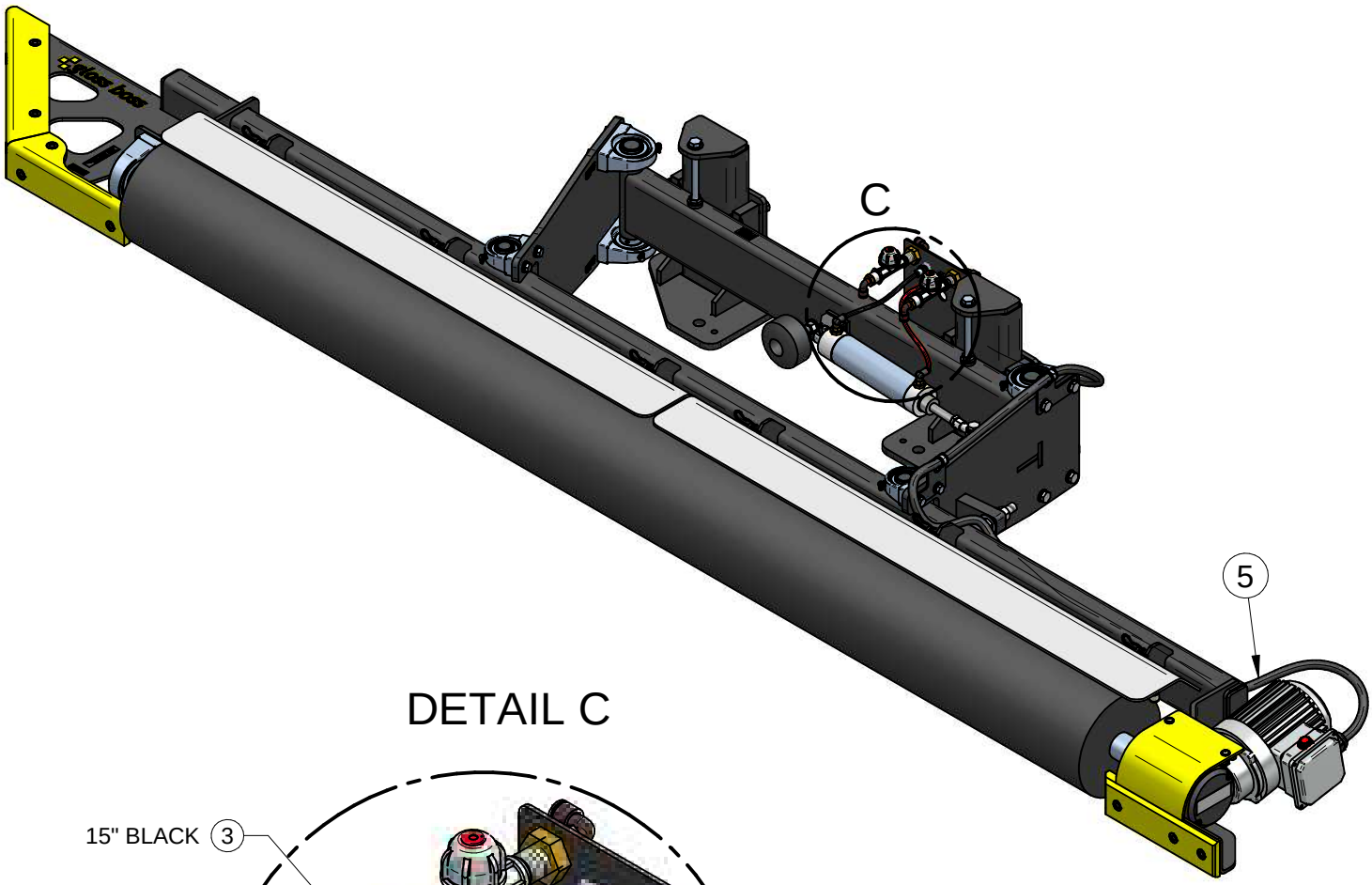




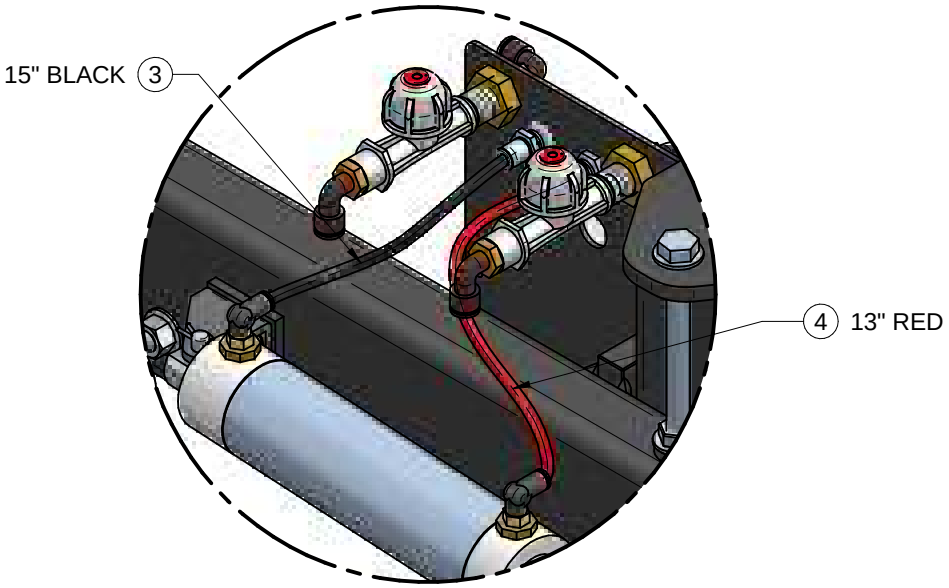
DETAIL B



4G-100-00-MP EXPLOSION



DETAIL C



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4G-100-00-MP PARTS LIST

REF.	DESCRIPTION	PART NUMBER	QTY.
1	PLUG #40 RED TAPERED FOR 1"PORT 040A	05-090-14-PP	1
2	NOZL BODY THREADED 25 PSI CHECK	10-200-05-PP	2
3	TUBE NY BLK 0.25"OD - 15"	33-361-20-4BK	15"
4	TUBE NY RD 0.25"OD-13"	33-361-20-4RD	13"
5	VFD CABLE BELDEN 29501F0101000	33-600-50-4BK	100"
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	DECAL *NEW* GLOSSBOSS SHORT (8" x 1 5/8")	36-042-01-PP	2
11	DECAL 'PATENT PENDING' BLK ON WHITE	36-065-14-PP	1
12	DECAL 75 RPM -2 STICKERS (1-CCW, 2-CW)	36-076-00-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	BRUSH FOR GLOSS BOSS	40-945-10-PP	1
18	CABLE MOUNT TAB LARGE PC COATED	4B-100-02-BK	1
19	CABLE MOUNT TAB SMALL 3/8" PC COATED	4B-100-03-BK	1
20	BUMPER BACKING DISK 3" Ø PC COATED	4B-100-04-BK	1
21	BASE WELDMENT LH PC BLACK	4B-100-20-BK	1
22	CLAMP PLATE PC BLACK	4B-100-21-BK	2
23	BULKHEAD BRACKET PC BLACK	4B-100-22-BK	1
24	BUMPER WHEEL	4B-101-06-PP	1
25	ARM HIGH ENTRY SHORT PC COATED	4B-102-03-BK	1
26	PC COATED EXIT 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 PC BLACK	4B-104-30-BK	1
30	P/S ENTRANCE POST PC BLACK	4B-104-50-BK	1
31	DRIP COVER	4G-100-06-PP	2
32	GLOSS BOSS BRUSH CARRIER D/S PC PART	4G-102-00-BK	1
33	DRIP MANIFOLD ASSEMBLY	4G-105-00-MP	2

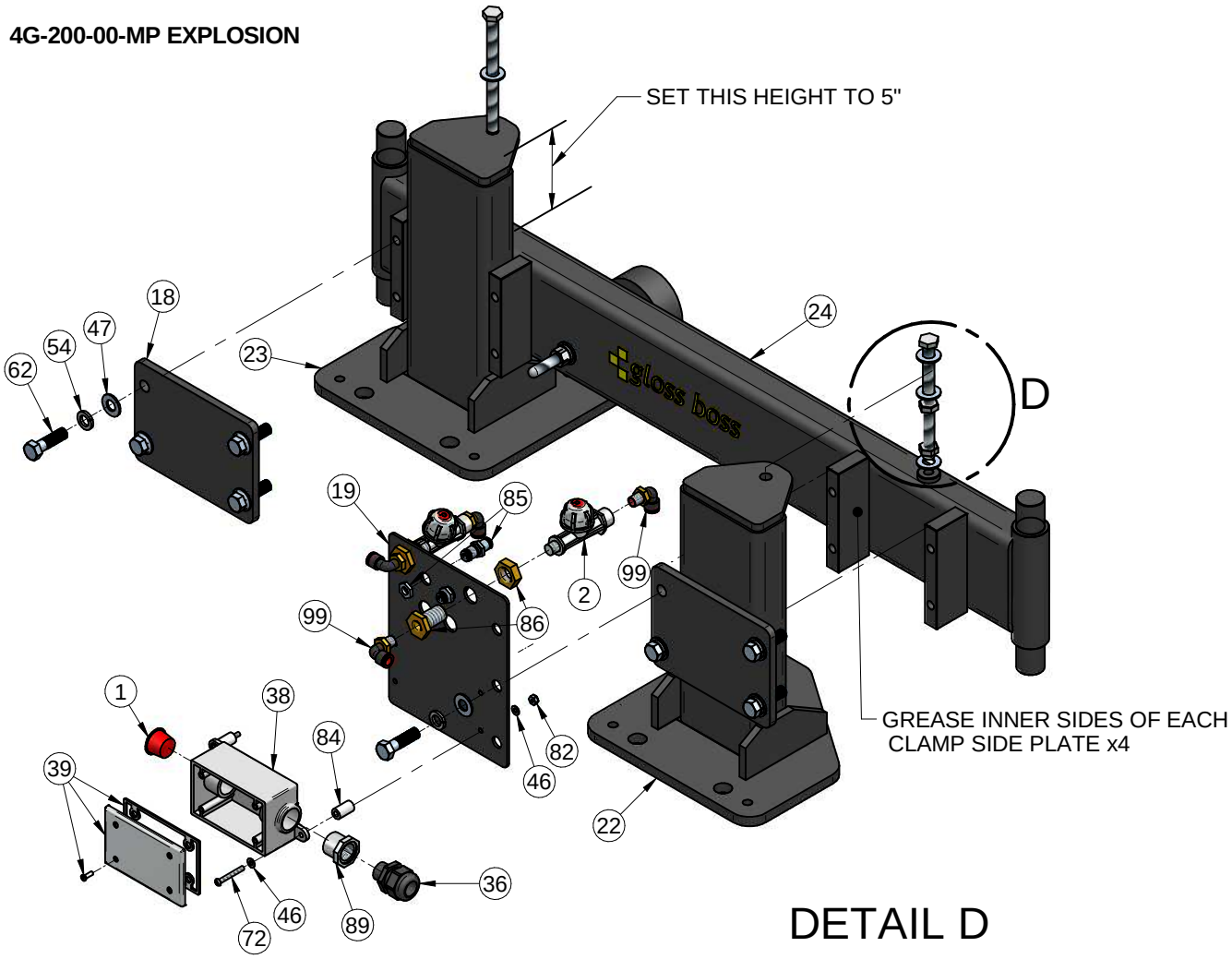
4G-100-00-MP PARTS LIST

REF.	DESCRIPTION	PART NUMBER	QTY.
34	BUMPER STOP BLACK w/ 5/8-11x4" (BOLT)	53-111-00-PP	1
35	GEAR BOX RETAINING BUSHING SS	53-710-04-PP	1
36	MACNEIL MOTOR HUB PLATE	53-710-05-MP	1
37	KEY SQR 5/16"SS X 2.5"LG	53-710-11-PP	1
38	STRAIN RELIEF - HEYCO #3202 0.450" - 0.709" - 1/2" NPT	70-054-04-PP	2
39	CLAMP 1/2" CUSHION TUBE SS	70-175-08-PP	4
40	JUNCTION BOX FSC-15 SINGLE	70-200-00-PP	1
41	JUNCTION BOX COVER 4.75"x3" w/GSKT&HDWR	70-201-00-PP	1
42	FLENDER MOTOR 75RPM	70-700-35-PP	1
43	WSHR SS FLAT 5/16"	80-105-000-SI	6
44	5/16" SS FLAT WASHER - SMALL OD	80-105-001-SI	10
45	WSHR SS FLT 3/8"	80-106-000-SI	18
46	WSHR SS FLAT 1/2"	80-108-000-SI	1
47	FLAT WASHER 5/8" SS	80-110-000-SI	2
48	WASHER FLAT SS #10	80-110-000-SN	4
49	WASHER FLAT 1/2" SS	80-208-000-SI	22
50	WSHR SS FLAT SAE 1/2" ID x 2" OD	80-208-001-SI	1
51	WSHR SS FLT 3/8SM-OD 0.629odx.39idx0.05"thk	80-306-000-SI	2
52	WSHR SS FLAT SAE 7/16" ID .077 THK .921 OD	80-307-000-SI	8
53	WSHR SS LOCK 1/4"	80-904-000-SI	2
54	WSHR SS LOCK 5/16"	80-905-000-SI	8
55	LOCK WASHER 3/8" SS	80-906-000-SI	10
56	WSHR SS LOCK 7/16"	80-907-000-SI	8
57	LOCK WASHER SS 1/2"	80-908-000-SI	12
58	LOCK WASHER 5/8" SS	80-910-000-SI	1
59	WSHR SS LOCK 3/8" HIGH COLLAR	81-206-000-SI	1
60	HHCS SS 3/8"-16 X 1-1/4"	82-506-020-SIC	8
61	HHCS SS 7/16"-14 x 1-1/4"	82-507-020-SIC	8
62	HHCS SS 1/2"-13 X 1 1/4"	82-508-020-SIC	2
63	HHCS 1/2-13 x 1 3/4" S.S.	82-508-028-SIC	8
64	HHCS SS M8x30mm	82-508-030-SMC	6
65	HHCS 1/2"-13 x 6" SS	82-508-096-SIC	2
66	HHCS SS 1/2"-13 x 7"	82-508-112-SIC	1
67	HHCS FL-THD SS 1/2"-13 x 3 1/2"	82-608-056-SIC	1

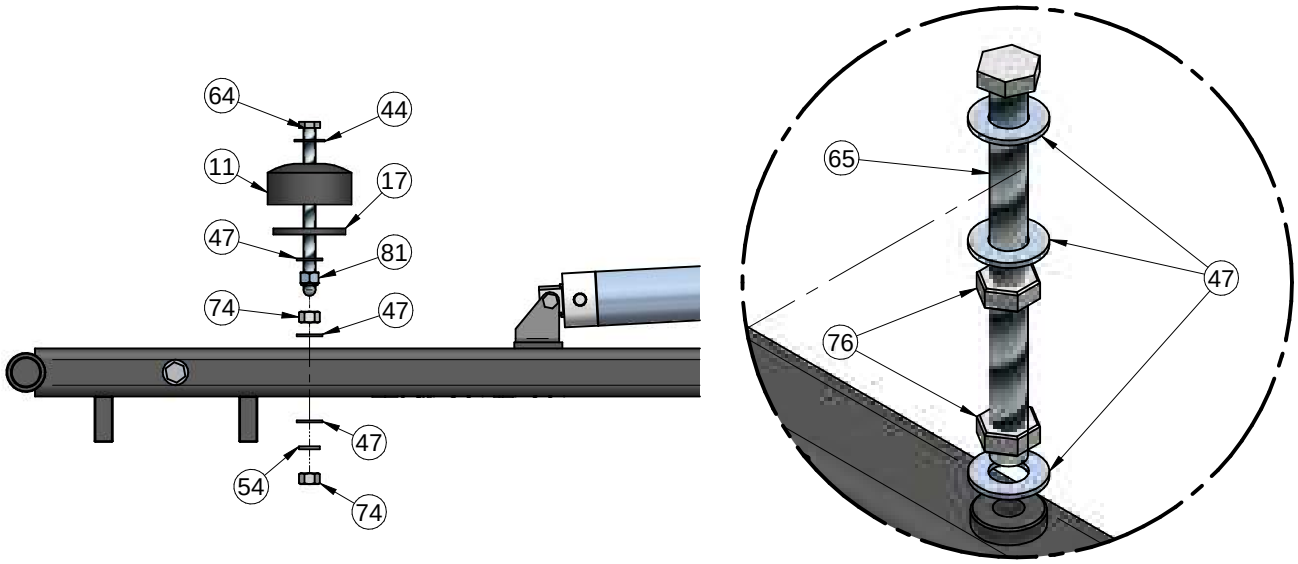
4G-100-00-MP PARTS LIST

REF.	DESCRIPTION	PART NUMBER	QTY.
68	SHCS SS 3/8"-16 X 3/4"	82-706-012-SIC	2
69	SHCS SS 3/8-16 X 1-1/2"	82-706-024-SIC	1
70	SHCS SS M8 X 25mm (1"LG)	82-708-025-SMC	2
71	SCREW SS BTN-HD 1/4"-20 X 3/4"	83-204-012-SIC	2
72	SCREW SS BTN-HD 1/4"-28 X 3/4"	83-204-012-SIF	3
73	SCREW SS BTN-HD HEX 5/16"-18 X 1"	83-205-016-SIC	2
74	SCREW PHL PAN-HD SS #10-24 x 1-1/2"	83-510-024-SNC	2
75	SCRW SS FLT-HD HEX. 3/8"-16 x 1-1/2"	83-606-024-SIC	10
76	NUT SS 1/2"-13	84-008-000-SIC	2
77	NUT SS 5/8"-11	84-010-000-SIC	2
78	NUT SS JAM 1/2"-13	84-108-000-SIC	4
79	NUT SS JAM 1/2"-20	84-108-000-SIF	1
80	NUT SS NYLOCK 1/4"-20	85-004-000-SIC	2
81	NYLOCK NUT 5-/16" -18	85-005-000-SIC	2
82	NUT SS NYLOCK 3/8"-16	85-006-000-SIC	10
83	NUT SS NYLOCK 1/2"-13	85-008-000-SIC	2
84	NUT NYLOCK SS #10-24	85-010-240-SIC	2
85	COTTER PIN SS 3/8" x 2-5/16"	86-004-010-SI	6
86	SPACER NY 1/2"Dia x 7/8" SP267	89-008-014-NI	2
87	FTG AIR BULKHEAD UNION 1/4"TBE X 1/4"TBE	90-005-01-PP	2
88	FTG BULKHEAD TERMINAL BOLT	90-007-00-PP	2
89	BUSHING REDUCER 1/4" MNPT-1/8" FNPT BR 110-BA	90-030-00-PP	2
90	1/2" NPT PLUG-RED P48-B	90-054-08-PP	2
91	3/4" PIPE - 1/2" FNPT BUSHING	90-071-01-PP	1
92	RESTRICTOR FTG 90° 1/4TUBE 0.4mm ORIFICE	90-071-14-PP	1
93	RESTRICTOR FTG 90° 1/4TUBE 1.4mm ORIFICE	90-071-21-PP	1
94	CYL AIR 2" DIA X 6" STROKE 2000D02-06A	90-100-01-PP	1
95	ROD END SS-PHSB8 1/2"F-20 c/wGR NPL10-32	90-151-02-PP	1
96	PIVOT BRKT SS c/w PIN & CLIP BP-19CSS	90-174-00-PP	1
97	TAPPED BASE BEARING SUC208-24	90-196-01-PP	1
98	TAPPED BASE BEARING SUC206-20	90-196-02-PP	4
99	TAPPED BASE BEARING SUC205-16	90-196-03-PP	4
100	ELBOW SWV 1/4"NPT X 3/8" TBE SMC	90-225-07-PP	4

4G-200-00-MP EXPLOSION



DETAIL D



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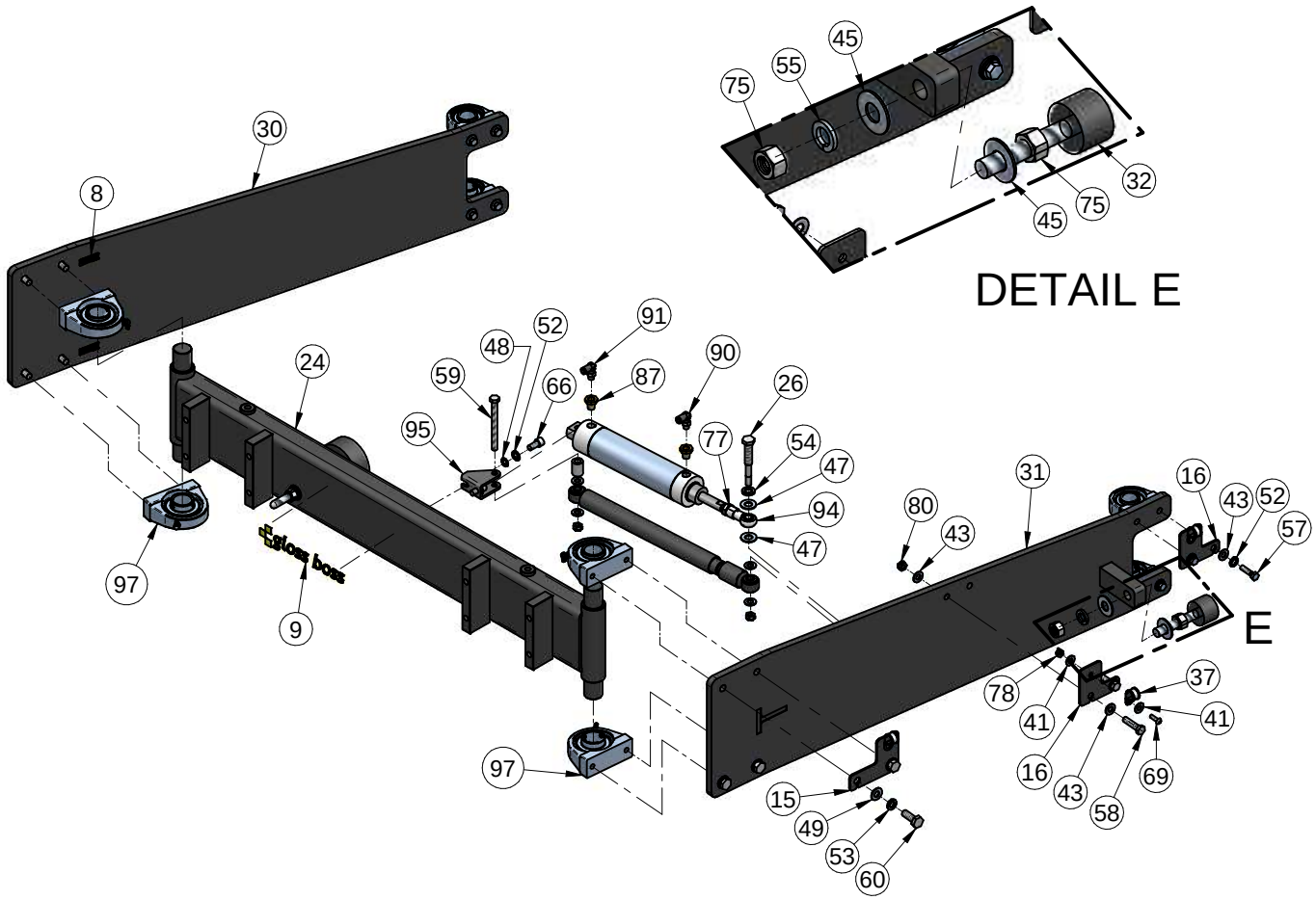
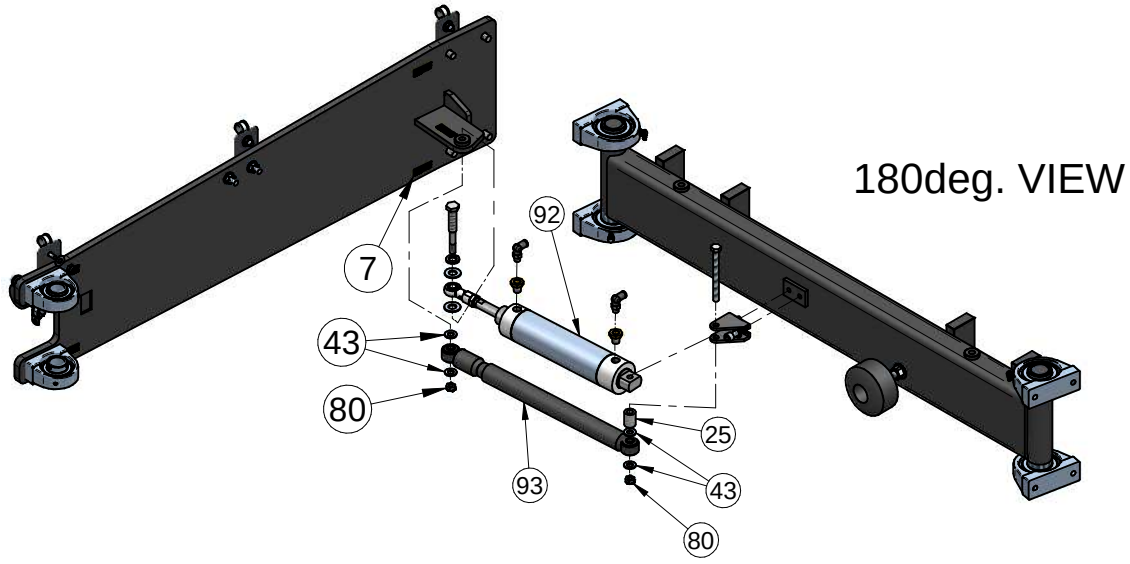
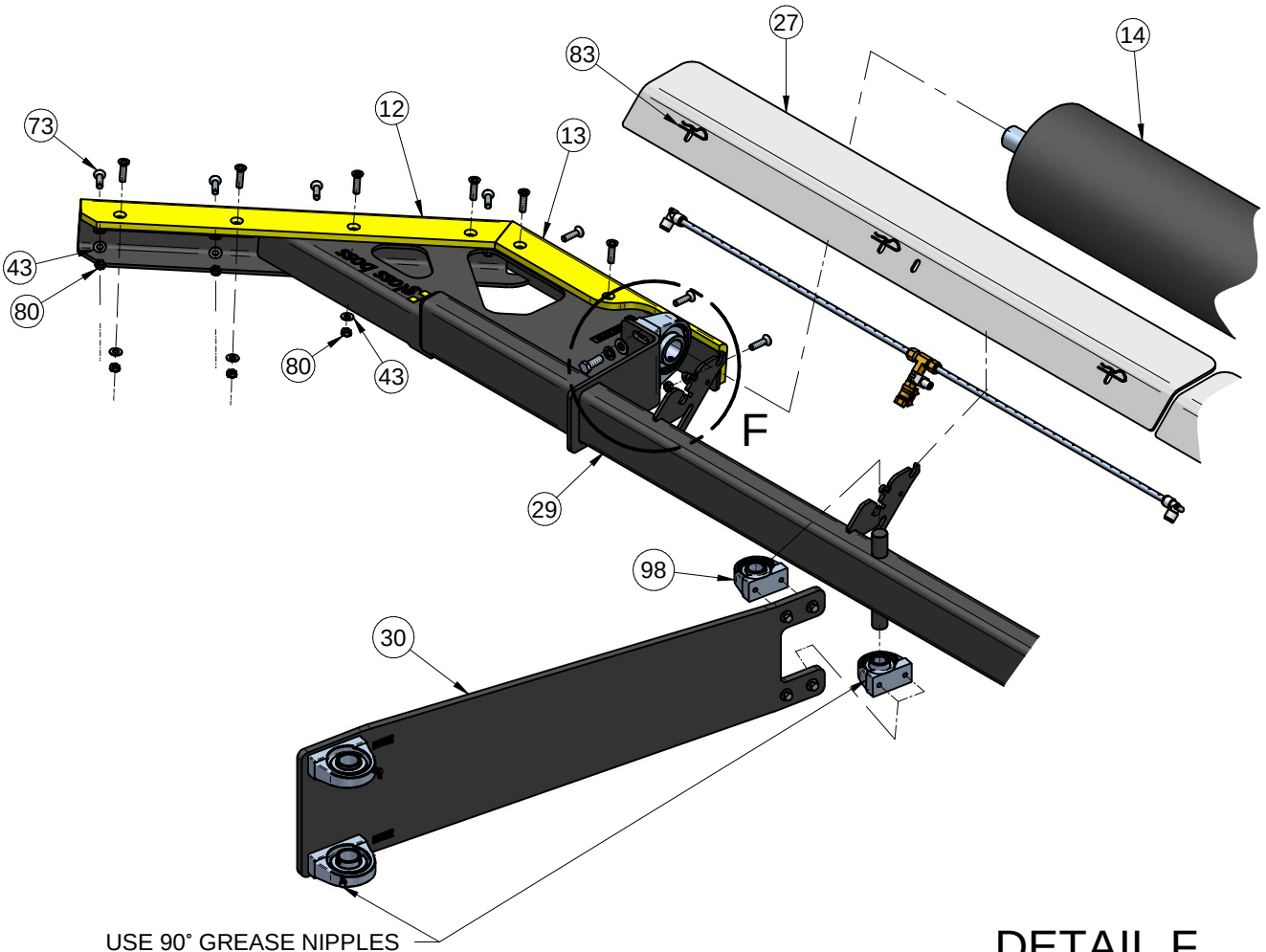
4G-200-00-MP EXPLOSION

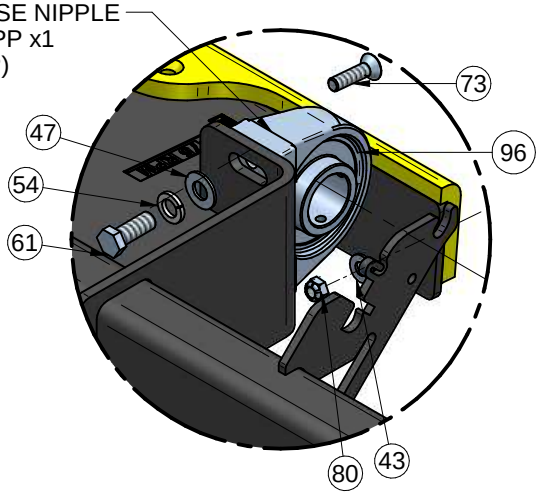


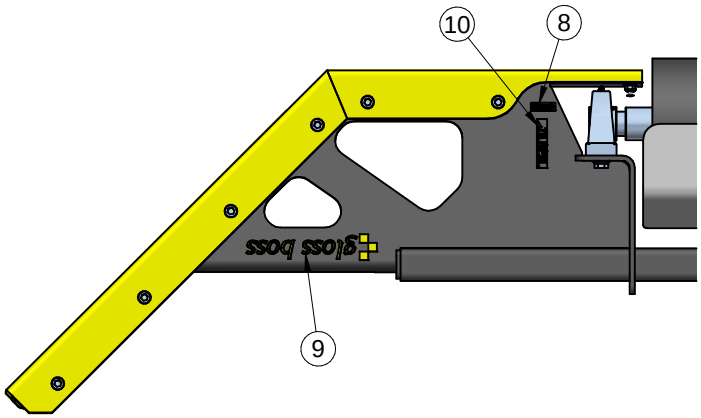


4G-200-00-MP EXPLOSION



DETAIL F





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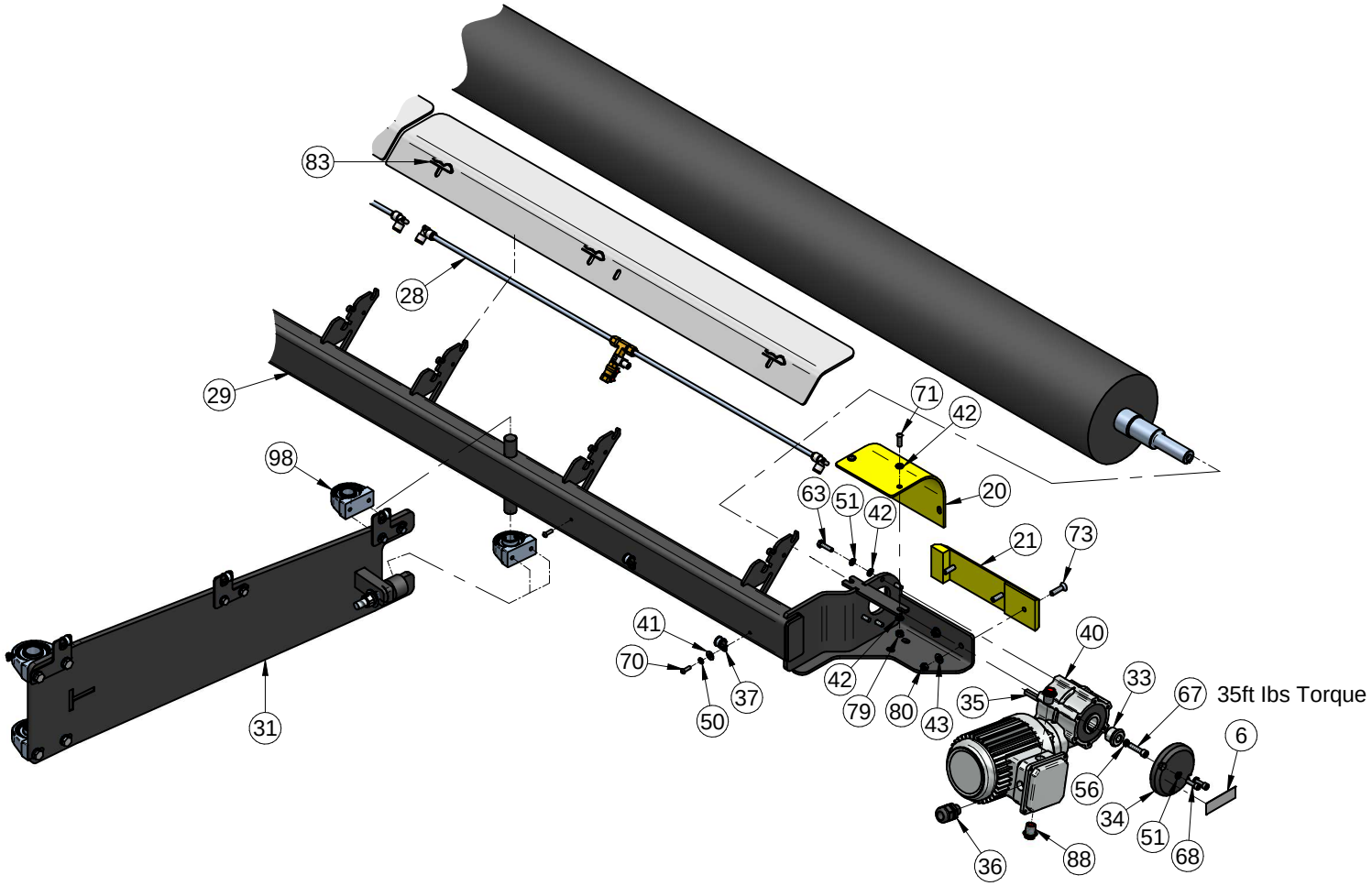

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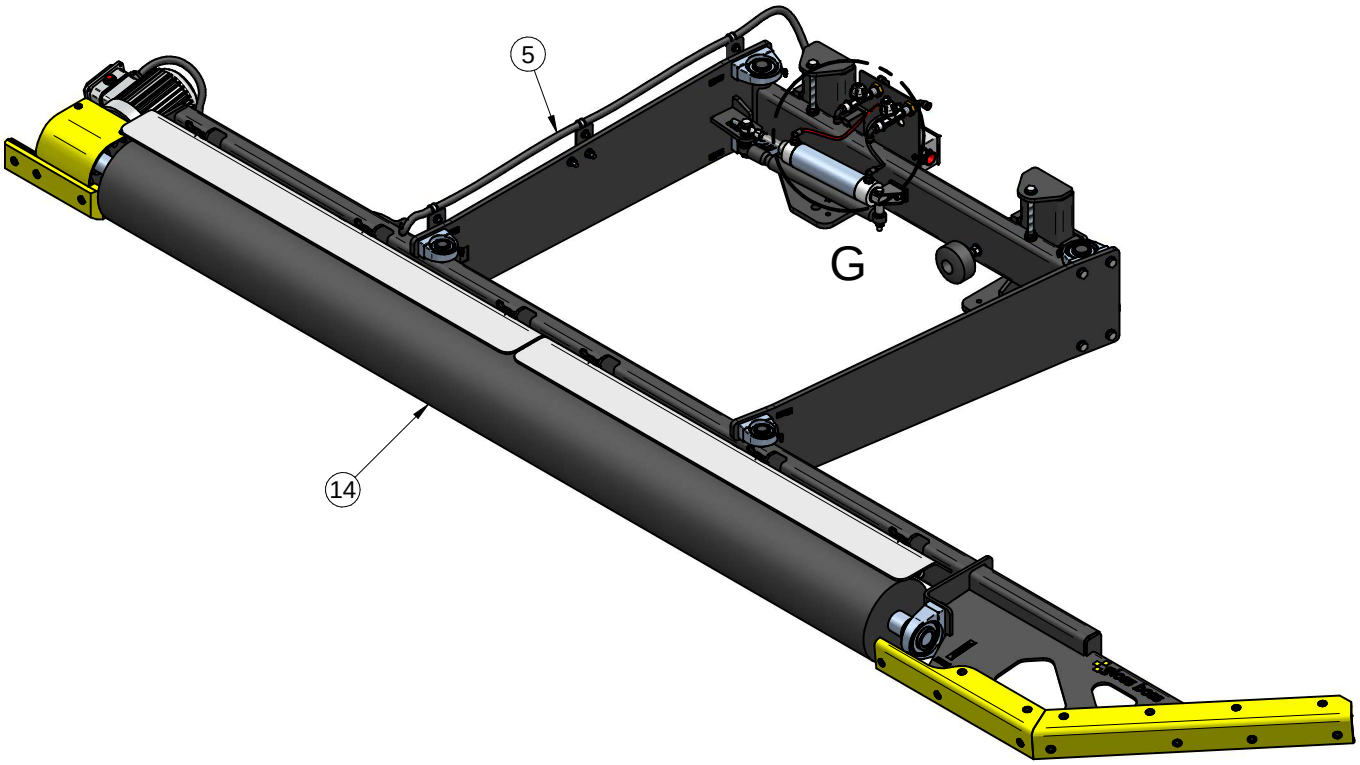
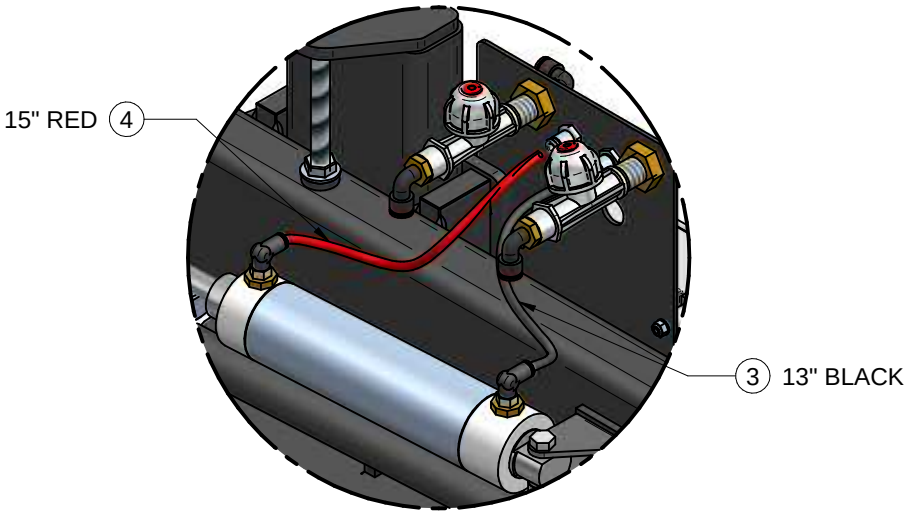




DETAIL G

4G-200-00-MP EXPLOSION

REF.	DESCRIPTION	PART NUMBER	QTY.
1	PLUG #40 RED TAPERED FOR 1"PORT 040A	05-090-14-PP	1
2	NOZL BODY THREADED 25 PSI CHECK	10-200-05-PP	2
3	TUBE NY BLACK 0.25" OD	33-361-20-4BK	13"
4	TUBE NY RED 0.25" OD	33-361-20-4RD	15"
5	VFD CABLE BELDEN 29501F0101000	33-600-50-4BK	124"
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	3
8	DECAL 'GREASE WEEKLY' <LEFT - YL / BLK	36-016-03-PP	7
9	DECAL *NEW* GLOSSBOSS SHORT (8" x 1 5/8")	36-042-01-PP	2
10	DECAL 75 RPM -2 STICKERS (1-ARROW CCW, 2-ARROW CW)	36-076-00-PP	1
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	BRUSH FOR GLOSS BOSS	40-945-10-PP	1
15	CABLE MOUNT TAB LARGE PC COATED	4B-100-02-BK	1
16	CABLE MOUNT TAB SMALL 3/8" PC COATED	4B-100-03-BK	2
17	BUMPER BACKING DISK 3" Ø PC COATED	4B-100-04-BK	1
18	CLAMP PLATE PC BLACK	4B-100-21-BK	2
19	BULKHEAD BRACKET PC BLACK	4B-100-22-BK	1
20	GEARBOX COVER	4B-103-06-PP	1
21	LEAD OUT SLIDER	4B-103-07-PP	1
22	D/S ENTRANCE POST PC BLACK	4B-104-30-BK	1
23	P/S ENTRANCE POST PC BLACK	4B-104-50-BK	1
24	BASE WELDMENT RH PC BLACK	4B-200-20-BK	1
25	SPACER FOR WHEEL BOSS ARM SHOCK	4B-202-04-MP	1
26	CUSTOM CYL SHOCK MOUNT BOLT	4B-202-05-PP	1
27	DRIP COVER	4G-100-06-PP	2
28	DRIP MANIFOLD ASSEMBLY	4G-105-00-MP	2
29	GLOSS BOSS BRUSH CARRIER P/S PC PART	4G-202-00-BK	1
30	ENTRY ARM PLATE P/S PC COATED	4G-202-03-BK	1
31	EXIT ARM WELDMENT (LOW) P/S PC COATED	4G-203-00-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

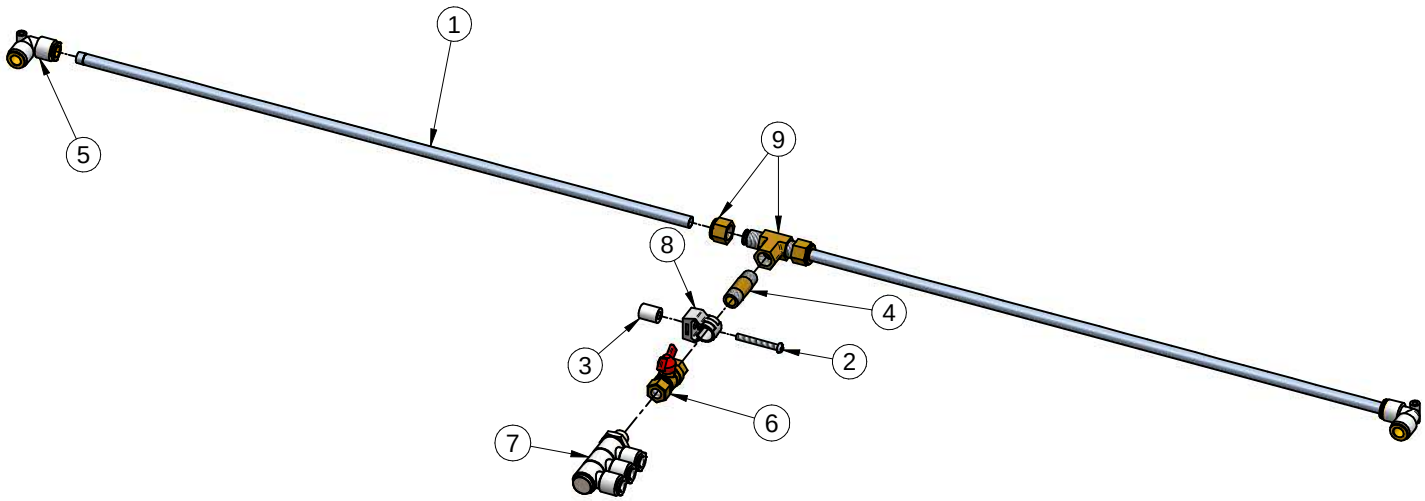
4G-200-00-MP PARTS LIST

REF.	DESCRIPTION	PART NUMBER	QTY.
34	MACNEIL MOTOR HUB PLATE	53-710-05-MP	1
35	KEY SQR 5/16"SS X 2.5"LG	53-710-11-PP	1
36	STRAIN RELIEF - HEYCO #3202 0.450" - 0.709" - 1/2" NPT	70-054-04-PP	2
37	CLAMP 1/2" CUSHION TUBE SS	70-175-08-PP	5
38	JUNCTION BOX FSC-15 SINGLE	70-200-00-PP	1
39	JUNCTION BOX COVER 4.75"x3" w/GSKT&HDWR	70-201-00-PP	1
40	HELICAL GEARED MOTOR- STD CONFIG 25:1 RATIO 1HP (GLOSS BOSS)	70-700-35-PP	1
41	WSHR SS FLAT 5/16"	80-105-000-SI	8
42	5/16" SS FLAT WASHER - SMALL OD	80-105-001-SI	10
43	WSHR SS FLT 3/8"	80-106-000-SI	32
44	WSHR SS FLAT 1/2"	80-108-000-SI	1
45	FLAT WASHER 5/8" SS	80-110-000-SI	2
46	WASHER FLAT SS #10	80-110-000-SN	4
47	WASHER FLAT 1/2" SS	80-208-000-SI	21
48	WSHR SS FLT 3/8SM-OD 0.629odx.39idx0.05"thk	80-306-000-SI	2
49	WSHR SS FLAT SAE 7/16" ID .077 THK .921 OD	80-307-000-SI	8
50	WSHR SS LOCK 1/4"	80-904-000-SI	2
51	WSHR SS LOCK 5/16"	80-905-000-SI	8
52	LOCK WASHER 3/8" SS	80-906-000-SI	10
53	WSHR SS LOCK 7/16"	80-907-000-SI	8
54	LOCK WASHER SS 1/2"	80-908-000-SI	12
55	LOCK WASHER 5/8" SS	80-910-000-SI	1
56	WSHR SS LOCK 3/8" HIGH COLLAR	81-206-000-SI	1
57	HHCS SS 5/16"-18 X 1-1/4"	82-505-020-SIC	8
58	HHCS SS 3/8"-16 X 1-1/2"	82-506-024-SIC	2
59	HHCS SS 3/8"-16 x 4"	82-506-064-SIC	1
60	HHCS SS 7/16"-14 x 1-1/4"	82-507-020-SIC	8
61	HHCS SS 1/2"-13 X 1 1/4"	82-508-020-SIC	2
62	HHCS 1/2-13 x 1 3/4" S.S.	82-508-028-SIC	8
63	HHCS SS M8x30mm	82-508-030-SMC	6
64	HHCS SS 1/2"-13 x 7"	82-508-112-SIC	1
65	HHCS FL-THD SS 1/2"-13 x 6"	82-608-096-SIC	2
66	SHCS SS 3/8"-16 X 3/4"	82-706-012-SIC	2

4G-200-00-MP PARTS LIST

REF.	DESCRIPTION	PART NUMBER	QTY.
67	SHCS SS 3/8-16 X 1-1/2"	82-706-024-SIC	1
68	SHCS SS M8 X 25mm (1"LG)	82-708-025-SMC	2
69	SCREW SS BTN-HD 1/4"-20 X 3/4"	83-204-012-SIC	3
70	SCREW SS BTN-HD 1/4"-28 X 3/4"	83-204-012-SIF	3
71	SCREW SS BTN-HD HEX 5/16"-18 X 1"	83-205-016-SIC	2
72	SCREW PHL PAN-HD SS #10-24 x 1-1/2"	83-510-024-SNC	2
73	SCRW SS FLT-HD HEX. 3/8"-16 x 1-1/2"	83-606-024-SIC	16
74	NUT SS 1/2"-13	84-008-000-SIC	2
75	NUT SS 5/8"-11	84-010-000-SIC	2
76	NUT SS JAM 1/2"-13	84-108-000-SIC	4
77	NUT SS JAM 1/2"-20	84-108-000-SIF	1
78	NUT SS NYLOCK 1/4"-20	85-004-000-SIC	3
79	NYLOCK NUT 5-/16" -18	85-005-000-SIC	2
80	NUT SS NYLOCK 3/8"-16	85-006-000-SIC	20
81	NUT SS NYLOCK 1/2"-13	85-008-000-SIC	1
82	NUT NYLOCK SS #10-24	85-010-240-SIC	2
83	COTTER PIN SS 3/8" x 2-5/16"	86-004-010-SI	6
84	SPACER NY 1/2"Dia x 7/8" SP267	89-008-014-NI	2
85	FTG AIR BULKHEAD UNION 1/4"TBE X 1/4"TBE	90-005-01-PP	2
86	FTG BULKHEAD TERMINAL BOLT	90-007-00-PP	2
87	BUSHING REDUCER 1/4"MPT-1/8"FPT BR 110-BA	90-030-00-PP	2
88	1/2" NPT PLUG-RED P48-B	90-054-08-PP	2
89	3/4" PIPE - 1/2" FNPT BUSHING	90-071-01-PP	1
90	RESTRICTOR FTG 90° 1/4TUBE 0.4mm ORIFICE	90-071-14-PP	1
91	RESTRICTOR FTG 90° 1/4TUBE 1.4mm ORIFICE	90-071-21-PP	1
92	CYL AIR 2" DIA X 6" STROKE 2000D02-06A	90-100-01-PP	1
93	SHOCK ABSORBER - BOGE 22-794-9	90-100-50-PP	1
94	ROD END SS-PHSB8 1/2"F-20 c/wGR NPL10-32	90-151-02-PP	1
95	PIVOT BRACKET SS (NO PIN & CLIP)	90-174-00-PP	1
96	TAPPED BASE BEARING SUC208-24	90-196-01-PP	1
97	TAPPED BASE BEARING SUC206-20	90-196-02-PP	4
98	TAPPED BASE BEARING SUC205-16	90-196-03-PP	4
99	ELBOW SWV 1/4"NPT X 3/8" TBE SMC	90-225-07-PP	4

4G-105-00-MP DRIP MANIFOLD SUB ASSEMBLY



REF.	DESCRIPTION	PART NUMBER	QTY
1	Drip Manifold Tube	4G-105-01-MP	2
2	SCREW PHL PAN-HD SS #10-24 x 1-1/2"	83-510-024-SNC	1
3	SPACER NYLON 1/2" DIA x 5/8" TH	89-008-010-NI	1
4	FTG NIPPLE 1/4" x 1 1/2" L NPT MALE	90-208-23-PP	1
5	FTG ELB 3/8" TBE x 3/8" TBE	90-228-06-PP	2
6	BALL VALVE 1/4" BRASS	90-238-02-PP	1
7	TRIPLE MANIFOLD 3/8" PUSH CONNECT TUBE 1/4" NPT	90-240-00-PP	1
8	CLIC CLIP TYPE 12	90-259-04-PP	1
9	TEE BRASS COMPRESSION 3/8" X 1/4"-FNPT	90-270-00-PP	1