



SEEDMASTER | 2024

TOOLBAR

PARTS BOOK

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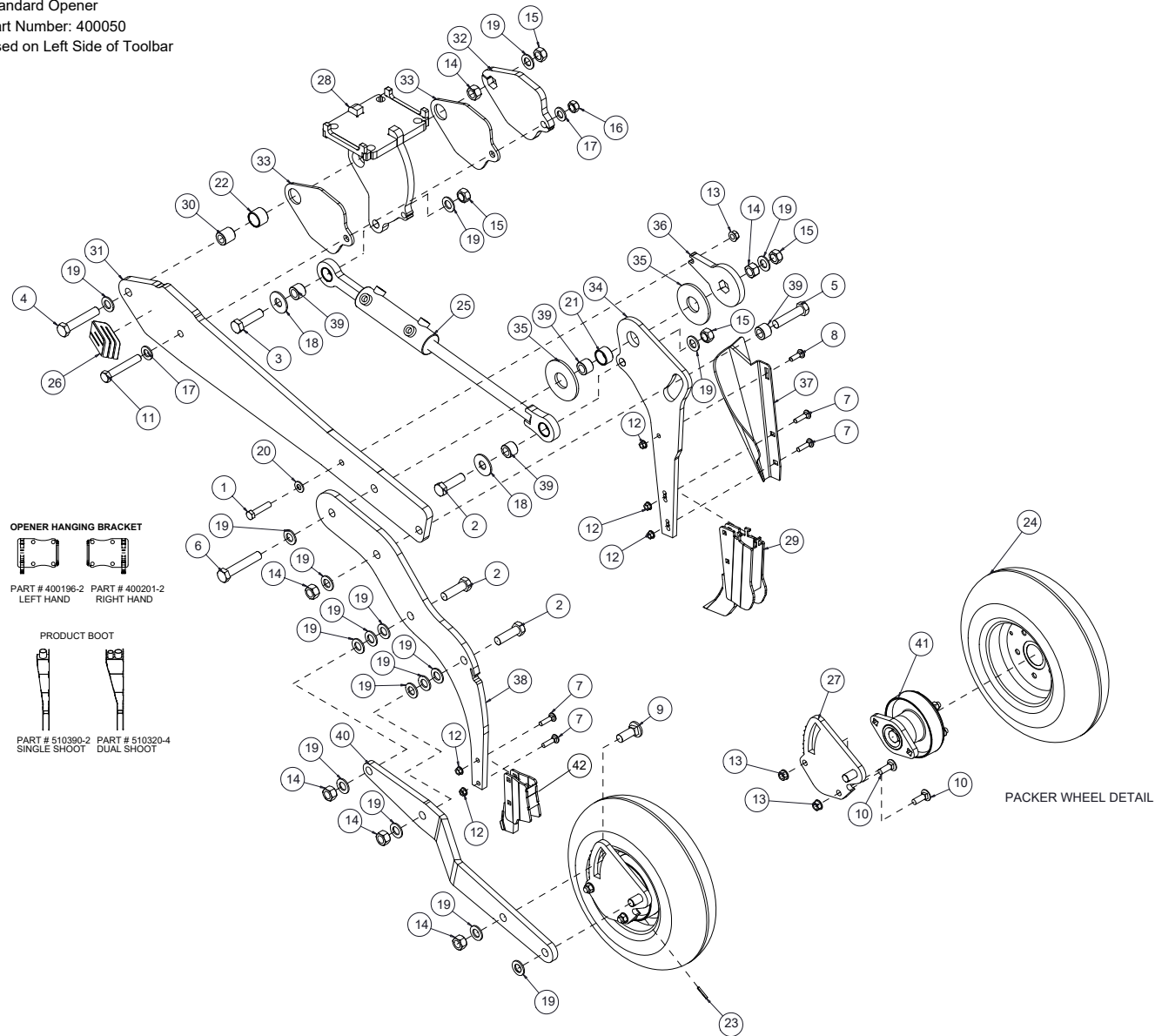


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Standard Opener

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	250000	BOLT, HEX 1/2 X 2 1/4 IN GR5 PL	40	1	400266-1	PLATE, PACKER ARM 5/8 IN - FORMED - RH
2	3	250003	BOLT, HEX 3/4 X 2 1/2 UNC GR5 PL	41	1	404100-3	BDL, OPENER PACKER HUB ASSY
3	1	250004	BOLT, HEX 3/4 X 2 3/4 UNC GR5 PL	42	1	404170	ASSY, SEED KNIFE - DUAL PRODUCT - STD. - BLK
4	1	250025	BOLT, HEX 3/4 X 4 UNC GR5 PL				
5	1	250026	BOLT, HEX 3/4 X 3 1/4 UNC GR5 PL				
6	1	250049	BOLT, HEX 3/4 X 4 1/4 UNC GR5 PL				
7	4	250100	BOLT, CARRIAGE - 3/8 X 1 1/2IN UND GR5 PL				
8	1	250101	BOLT, CARRIAGE - 3/8 X 1 1/4 IN UNC GR5 PL				
9	1	250102	BOLT, CARRIAGE - 3/4 X 2 IN UNC GR5 PL				
10	2	250104	BOLT, CARRIAGE - 1/2 X 1 1/2IN UNC GR5 PL				
11	1	250155	BOLT, HEX 5/8 X 4 UNC GR8 PL				
12	5	250400	NUT, FLANGE - 3/8 UNC PL				
13	3	250401	NUT, FLANGE - 1/2 UNC PL				
14	6	250451	NUT, HEX 3/4 UNC GR5 PL				
15	4	250501	NUT, LOCK - 3/4 UNC - STOVER - GR.C - PL				
16	1	250511	NUT, LOCK 5/8 UNC - STOVER - GR8 PL				
17	2	250550	WASHER, FLAT 5/8 IN GR8 PL				
18	2	250551	WASHER, FLAT 3/4 IN PL				
19	17	250552	WASHER, FLAT 3/4IN GR8 PL				
20	1	250555	WASHER, FLAT - 1/2 IN - GR8 - PL				
21	1	250601	BUSH, 1 1/2OD X 1 1/4ID X 7/8 IN - CONNEX				
22	1	250604	BUSH, 1 1/2OD X 1 1/4ID X 1 1/8 IN - CONNEX				
23	1	250607	PIN, SPRING - 3/16 X 1 1/4 IN				
24	1	255082-1	ASSY, TIRE - OTICO - FARMFLEX - BLACK - 400 X 116MM - TIRE-IN-TIRE				
25	1	258500	CYL, HYD 1 3/4 X 4 IN - OPENER				
26	1	259114	DECAL, ICON - BLACK - 4"				
27	1	400132-1	WELD, PLATE, DEPTH ADJ 1/2 IN - OPENER - LH				
28	1	400191-2	WELD, HANGER - OPENER - CTR				
29	1	400202	ASSY, FERT KNIFE - EXTENDED WEAR - BLK				
30	1	400222	BUSH, PIVOT SPACER 1 1/4OD X .77ID X 1.25 IN				
31	1	400230-3	PLATE, ARM 3/4 IN - MAIN				
32	1	400231-2	PLATE, CLAMP 5/8IN - UHMW HOLDER - YEL				
33	2	400232	PAD, WEAR 1/4 IN - UHMW				
34	1	400233-4	PLATE, FERT TRIP 1/2IN				
35	2	400234-1	WASHER, TRIP 1/4 IN - UHMW				
36	1	400235-3	PLATE, 5/8 IN - TRIP WASHER				
37	1	400236-4	SHEET, FRMD 10 GA - RESIDUE DEFLECTOR - STAINLESS				
38	1	400237-5	PLATE, 5/8 IN - SEED KNIFE HOLDER				
39	4	400241-2	BUSH, CYL SPACER 1.124 OD X .77ID X .9 IN				

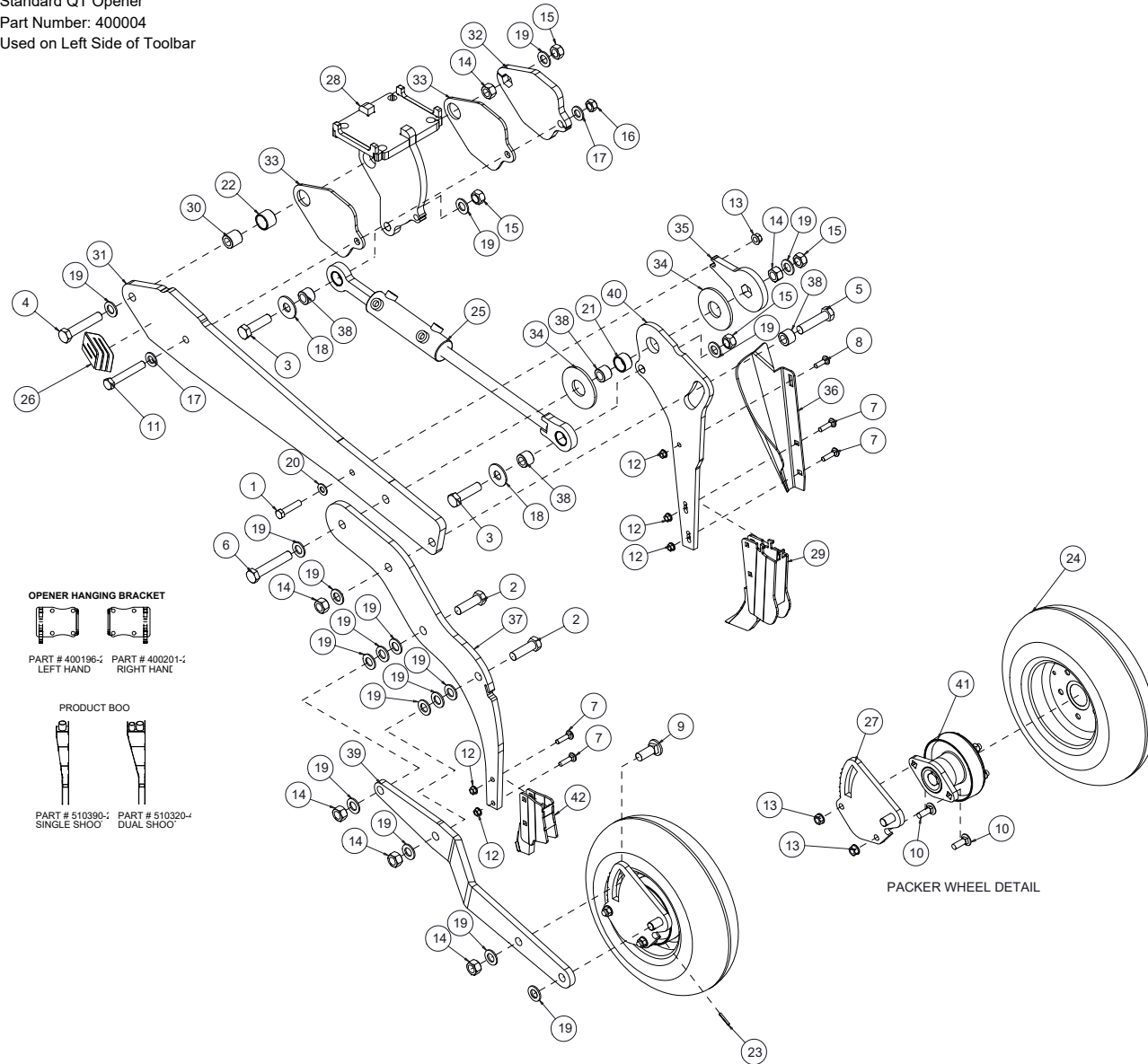
Standard Opener
Part Number: 400050
Used on Left Side of Toolbar



Standard QT Opener

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	250000	BOLT, HEX 1/2 X 2 1/4 IN GR5 PL	40	1	400484	PLATE, FERT TRIP 1/2IN - QT100
2	2	250003	BOLT, HEX 3/4 X 2 1/2 UNC GR5 PL	41	1	404100-3	BDL, OPENER PACKER HUB ASSY
3	2	250004	BOLT, HEX 3/4 X 2 3/4 UNC GR5 PL	42	1	404170	ASSY, SEED KNIFE - DUAL PRODUCT - STD. - BLK
4	1	250025	BOLT, HEX 3/4 X 4 UNC GR5 PL				
5	1	250026	BOLT, HEX 3/4 X 3 1/4 UNC GR5 PL				
6	1	250049	BOLT, HEX 3/4 X 4 1/4 UNC GR5 PL				
7	4	250100	BOLT, CARRIAGE - 3/8 X 1 1/2IN UND GR5 PL				
8	1	250101	BOLT, CARRIAGE - 3/8 X 1 1/4 IN UNC GR5 PL				
9	1	250102	BOLT, CARRIAGE - 3/4 X 2 IN UNC GR5 PL				
10	2	250104	BOLT, CARRIAGE - 1/2 X 1 1/2IN UNC GR5 PL				
11	1	250155	BOLT, HEX 5/8 X 4 UNC GR8 PL				
12	5	250400	NUT, FLANGE - 3/8 UNC PL				
13	3	250401	NUT, FLANGE - 1/2 UNC PL				
14	6	250451	NUT, HEX 3/4 UNC GR5 PL				
15	4	250501	NUT, LOCK - 3/4 UNC - STOVER - GR.C - PL				
16	1	250511	NUT, LOCK 5/8 UNC - STOVER - GR8 PL				
17	2	250550	WASHER, FLAT 5/8 IN GR8 PL				
18	2	250551	WASHER, FLAT 3/4 IN PL				
19	17	250552	WASHER, FLAT 3/4IN GR8 PL				
20	1	250555	WASHER, FLAT - 1/2 IN - GR8 - PL				
21	1	250601	BUSH, 1 1/2OD X 1 1/4ID X 7/8 IN - CONNEX				
22	1	250604	BUSH, 1 1/2OD X 1 1/4ID X 1 1/8 IN - CONNEX				
23	1	250607	PIN, SPRING - 3/16 X 1 1/4 IN				
24	1	255082-1	ASSY, TIRE - OTICO - FARMFLEX - BLACK - 400 X 116MM - TIRE-IN-TIRE				
25	1	258500	CYL, HYD 1 3/4 X 4 IN - OPENER				
26	1	259114	DECAL, ICON - BLACK - 4"				
27	1	400132-1	WELD, PLATE, DEPTH ADJ 1/2 IN - OPENER - LH				
28	1	400191-2	WELD, HANGER - OPENER - CTR				
29	1	400202	ASSY, FERT KNIFE - EXTENDED WEAR - BLK				
30	1	400222	BUSH, PIVOT SPACER 1 1/4OD X .77ID X 1.25 IN				
31	1	400230-2	PLATE, ARM 3/4 IN - MAIN - YEL				
32	1	400231-2	PLATE, CLAMP 5/8IN - UHMW HOLDER - YEL				
33	2	400232	PAD, WEAR 1/4 IN - UHMW				
34	2	400234-1	WASHER, TRIP 1/4 IN - UHMW				
35	1	400235-3	PLATE, 5/8 IN - TRIP WASHER				
36	1	400236-4	SHEET, FRMD 10 GA - RESIDUE DEFLECTOR - STAINLESS				
37	1	400237-4	PLATE, SEED KNIFE HOLDER - YEL				
38	4	400241-2	BUSH, CYL SPACER 1.124 OD X .77ID X .9 IN				
39	1	400266-1	PLATE, PACKER ARM 5/8 IN - FORMED - RH				

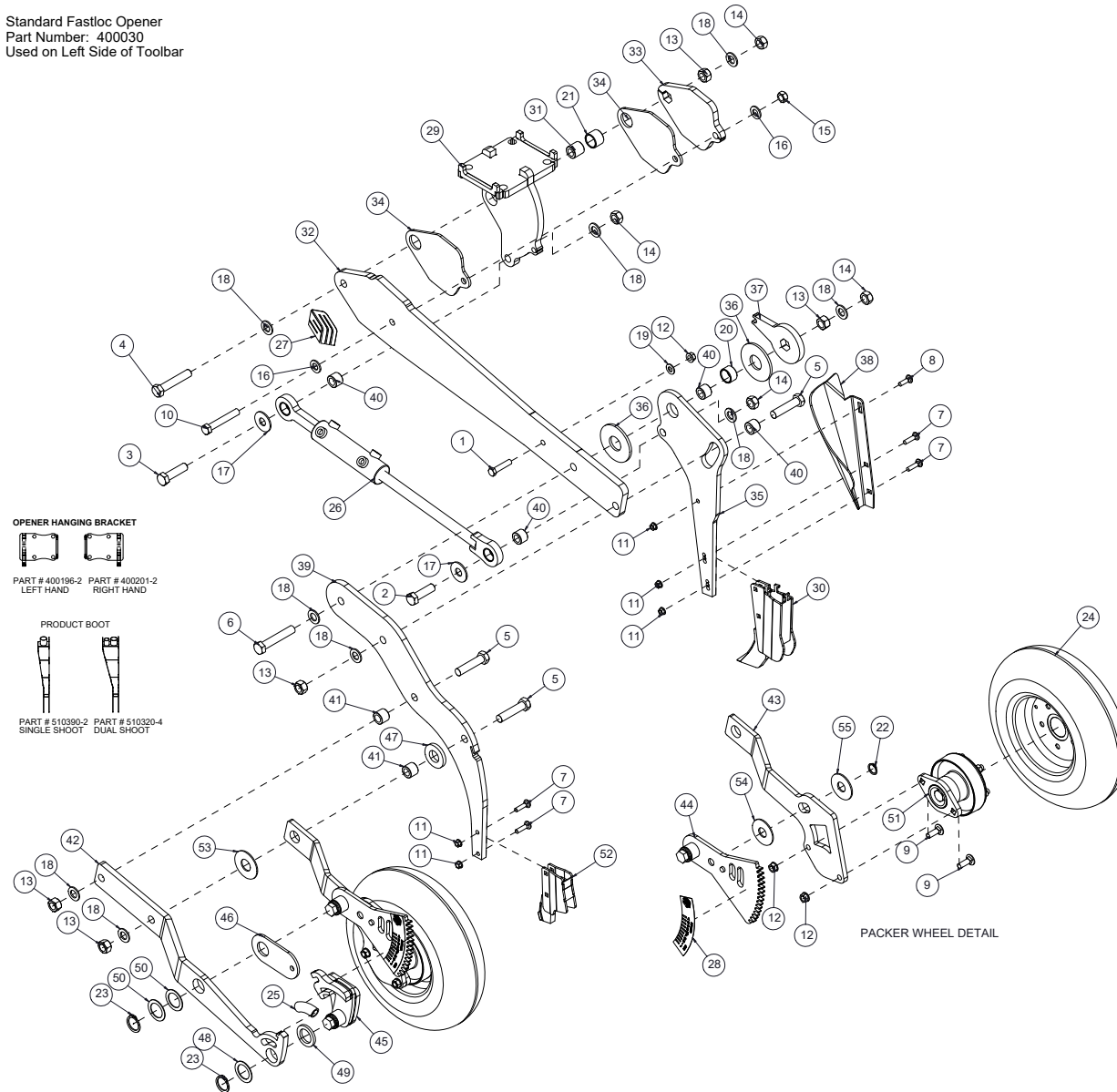
Standard QT Opener
Part Number: 400004
Used on Left Side of Toolbar



Standard Fastloc Opener

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	250000	BOLT, HEX 1/2 X 2 1/4 IN GR5 PL	40	4	400241-2	BUSH, CYL SPACER 1.124 OD X .77ID X .9 IN
2	1	250003	BOLT, HEX 3/4 X 2 1/2 UNC GR5 PL	41	2	400581	BUSH, CYL SPACER 1.124 OD X .77ID X .9 IN
3	1	250004	BOLT, HEX 3/4 X 2 3/4 UNC GR5 PL	42	1	401325-3	PLATE, PACKER ARM 5/8 IN - FORMED - RH - FASTLOC
4	1	250025	BOLT, HEX 3/4 X 4 UNC GR5 PL	43	1	401326-2	PLATE, FRMD 1/2 IN - PACKER MOUNT - RH - FL
5	3	250026	BOLT, HEX 3/4 X 3 1/4 UNC GR5 PL	44	1	401327-3	WELD, FASTLOC DEPTH ADJUST PLATE - BLK
6	1	250049	BOLT, HEX 3/4 X 4 1/4 UNC GR5 PL	45	1	401331-2	WELD, STD OPENER - DEPTH ADJUST - RH
7	4	250100	BOLT, CARRIAGE - 3/8 X 1 1/2IN UND GR5 PL	46	1	401335	PAD, DEPTH ADJUST - 1/4 IN - UHMW
8	1	250101	BOLT, CARRIAGE - 3/8 X 1 1/4 IN UNC GR5 PL	47	1	401336	WASHER, 3/8 IN - DEPTH PIVOT - UHMW
9	2	250104	BOLT, CARRIAGE - 1/2 X 1 1/2IN UNC GR5 PL	48	1	401337	SHEET, 14 GA - WASHER - STD OPENER - SS
10	1	250155	BOLT, HEX 5/8 X 4 UNC GR8 PL	49	1	401338	WASHER, DEPTH ADJUST 1/4 IN - UHMW
11	5	250400	NUT, FLANGE - 3/8 UNC PL	50	2	401347	SHEET, 16 GA - WASHER - STD OPENER - SS
12	3	250401	NUT, FLANGE - 1/2 UNC PL	51	1	404100-3	BDL, OPENER PACKER HUB ASSY
13	5	250451	NUT, HEX 3/4 UNC GR5 PL	52	1	404170	ASSY, SEED KNIFE - DUAL PRODUCT - STD. - BLK
14	4	250501	NUT, LOCK - 3/4 UNC - STOVER - GR.C - PL	53	1	417801	WASHER, 1/8 IN - DEPTH PIVOT - UHMW
15	1	250511	NUT, LOCK 5/8 UNC - STOVER - GR8 PL	54	1	417803	WASHER, 1/8 IN - RESIDUE WHEEL - UHMW
16	2	250550	WASHER, FLAT 5/8 IN GR8 PL	55	1	417821-2	SHEET, 10 GA - WASHER - SRT - YEL
17	2	250551	WASHER, FLAT 3/4 IN PL				
18	9	250552	WASHER, FLAT 3/4IN GR8 PL				
19	1	250555	WASHER, FLAT - 1/2 IN - GR8 - PL				
20	1	250601	BUSH, 1 1/2OD X 1 1/4ID X 7/8 IN - CONNEX				
21	1	250604	BUSH, 1 1/2OD X 1 1/4ID X 1 1/8 IN - CONNEX				
22	1	250724	RETAINING RING EXTERNAL - HEAVY DUTY 1 IN				
23	2	250862	RETAINING RING EXTERNAL - HEAVY DUTY 1 1/2 IN				
24	1	255082-1	ASSY, TIRE - OTICO - FARMFLEX - BLACK - 400 X 116MM - TIRE-IN-TIRE				
25	1	257399	SPRING, COMPRESSION - 3.69 IN LONG X .953 OD X .711 ID X .121 WIRE				
26	1	258500	CYL, HYD 1 3/4 X 4 IN - OPENER				
27	1	259114	DECAL, ICON - BLACK - 4"				
28	1	259216	DECAL, FASTLOC DEPTH ADJUST - STD				
29	1	400191-2	WELD, HANGER - OPENER - CTR				
30	1	400202	ASSY, FERT KNIFE - EXTENDED WEAR - BLK				
31	1	400222	BUSH, PIVOT SPACER 1 1/4OD X .77ID X 1.25 IN				
32	1	400230-3	PLATE, ARM 3/4 IN - MAIN				
33	1	400231-2	PLATE, CLAMP 5/8IN - UHMW HOLDER - YEL				
34	2	400232	PAD, WEAR 1/4 IN - UHMW				
35	1	400233-4	PLATE, FERT TRIP 1/2IN				
36	2	400234-1	WASHER, TRIP 1/4 IN - UHMW				
37	1	400235-3	PLATE, 5/8 IN - TRIP WASHER				
38	1	400236-4	SHEET, FRMD 10 GA - RESIDUE DEFLECTOR - STAINLESS				
39	1	400237-5	PLATE, 5/8 IN - SEED KNIFE HOLDER				

Standard Fastloc Opener
Part Number: 400030
Used on Left Side of Toolbar

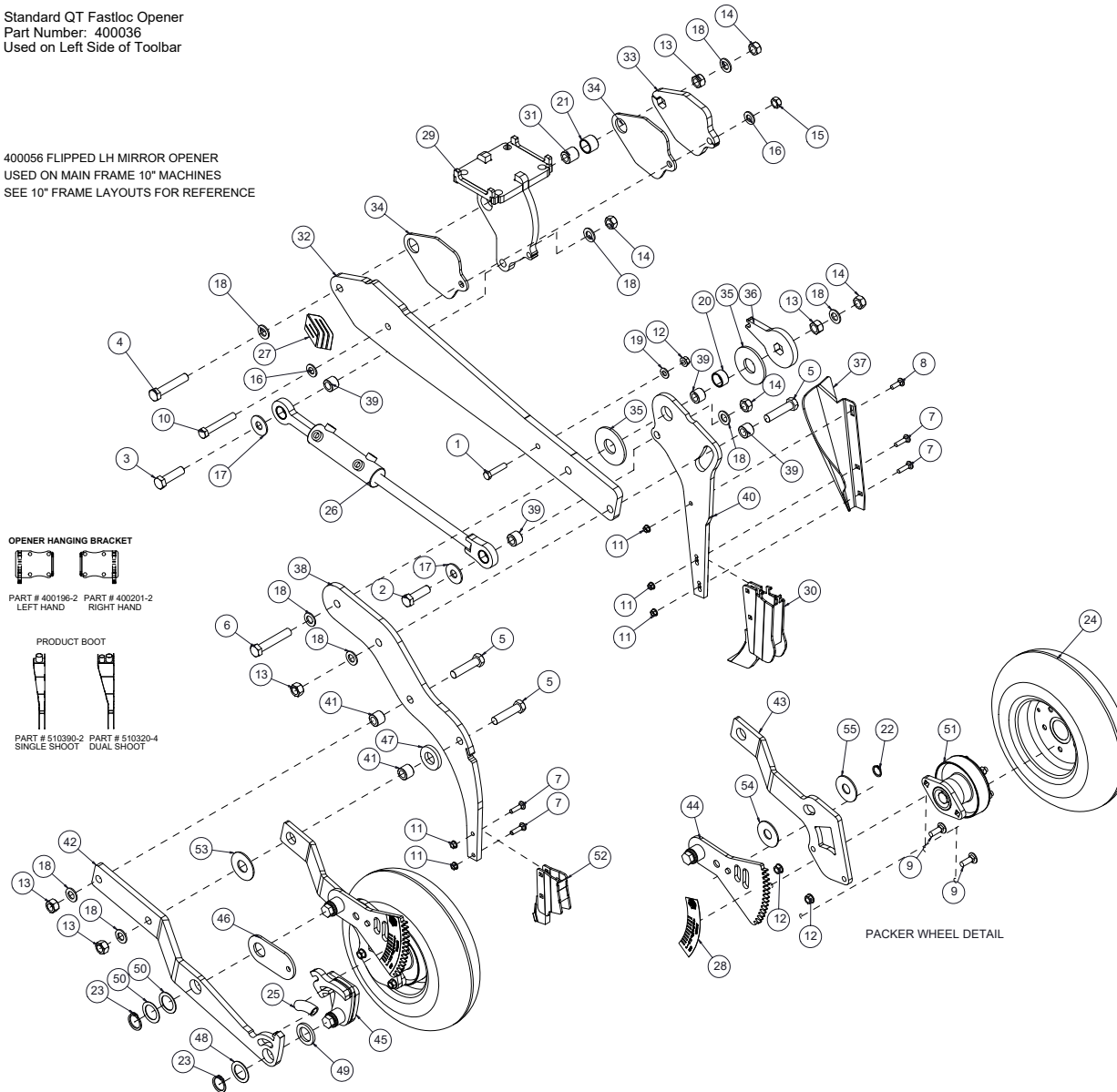


Standard QT Fastloc Opener

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	250000	BOLT, HEX 1/2 X 2 1/4 IN GR5 PL	40	1	400484-1	PLATE, FERT TRIP 1/2IN - QT100
2	1	250003	BOLT, HEX 3/4 X 2 1/2 UNC GR5 PL	41	2	400581	BUSH, CYL SPACER 1.124 OD X .77ID X .9 IN
3	1	250004	BOLT, HEX 3/4 X 2 3/4 UNC GR5 PL	42	1	401325-3	PLATE, PACKER ARM 5/8 IN - FORMED - RH - FASTLOC
4	1	250025	BOLT, HEX 3/4 X 4 UNC GR5 PL	43	1	401326-2	PLATE, FRMD 1/2 IN - PACKER MOUNT - RH - FL
5	3	250026	BOLT, HEX 3/4 X 3 1/4 UNC GR5 PL	44	1	401327-3	WELD, FASTLOC DEPTH ADJUST PLATE - BLK
6	1	250049	BOLT, HEX 3/4 X 4 1/4 UNC GR5 PL	45	1	401331-2	WELD, STD OPENER - DEPTH ADJUST - RH
7	4	250100	BOLT, CARRIAGE - 3/8 X 1 1/2IN UND GR5 PL	46	1	401335	PAD, DEPTH ADJUST - 1/4 IN - UHMW
8	1	250101	BOLT, CARRIAGE - 3/8 X 1 1/4 IN UNC GR5 PL	47	1	401336	WASHER, 3/8 IN - DEPTH PIVOT - UHMW
9	2	250104	BOLT, CARRIAGE - 1/2 X 1 1/2IN UNC GR5 PL	48	1	401337	SHEET, 14 GA - WASHER - STD OPENER - SS
10	1	250155	BOLT, HEX 5/8 X 4 UNC GR8 PL	49	1	401338	WASHER, DEPTH ADJUST 1/4 IN - UHMW
11	5	250400	NUT, FLANGE - 3/8 UNC PL	50	2	401347	SHEET, 16 GA - WASHER - STD OPENER - SS
12	3	250401	NUT, FLANGE - 1/2 UNC PL	51	1	404100-3	BDL, OPENER PACKER HUB ASSY
13	5	250451	NUT, HEX 3/4 UNC GR5 PL	52	1	404170	ASSY, SEED KNIFE - DUAL PRODUCT - STD. - BLK
14	4	250501	NUT, LOCK - 3/4 UNC - STOVER - GR.C - PL	53	1	417801	WASHER, 1/8 IN - DEPTH PIVOT - UHMW
15	1	250511	NUT, LOCK 5/8 UNC - STOVER - GR8 PL	54	1	417803	WASHER, 1/8 IN - RESIDUE WHEEL - UHMW
16	2	250550	WASHER, FLAT 5/8 IN GR8 PL	55	1	417821-2	SHEET, 10 GA - WASHER - SRT - YEL
17	2	250551	WASHER, FLAT 3/4 IN PL				
18	9	250552	WASHER, FLAT 3/4IN GR8 PL				
19	1	250555	WASHER, FLAT - 1/2 IN - GR8 - PL				
20	1	250601	BUSH, 1 1/2OD X 1 1/4ID X 7/8 IN - CONNEX				
21	1	250604	BUSH, 1 1/2OD X 1 1/4ID X 1 1/8 IN - CONNEX				
22	1	250724	RETAINING RING EXTERNAL - HEAVY DUTY 1 IN				
23	2	250862	RETAINING RING EXTERNAL - HEAVY DUTY 1 1/2 IN				
24	1	255082-1	ASSY, TIRE - OTICO - FARMFLEX - BLACK - 400 X 116MM - TIRE-IN-TIRE				
25	1	257399	SPRING, COMPRESSION - 3.69 IN LONG X .953 OD X .711 ID X .121 WIRE				
26	1	258500	CYL, HYD 1 3/4 X 4 IN - OPENER				
27	1	259114	DECAL, ICON - BLACK - 4"				
28	1	259216	DECAL, FASTLOC DEPTH ADJUST - STD				
29	1	400191-2	WELD, HANGER - OPENER - CTR				
30	1	400202	ASSY, FERT KNIFE - EXTENDED WEAR - BLK				
31	1	400222	BUSH, PIVOT SPACER 1 1/4OD X .77ID X 1.25 IN				
32	1	400230-3	PLATE, ARM 3/4 IN - MAIN				
33	1	400231-2	PLATE, CLAMP 5/8IN - UHMW HOLDER - YEL				
34	2	400232	PAD, WEAR 1/4 IN - UHMW				
35	2	400234-1	WASHER, TRIP 1/4 IN - UHMW				
36	1	400235-3	PLATE, 5/8 IN - TRIP WASHER				
37	1	400236-4	SHEET, FRMD 10 GA - RESIDUE DEFLECTOR - STAINLESS				
38	1	400237-5	PLATE, 5/8 IN - SEED KNIFE HOLDER				
39	4	400241-2	BUSH, CYL SPACER 1.124 OD X .77ID X .9 IN				

Standard QT Fastloc Opener
Part Number: 400036
Used on Left Side of Toolbar

400056 FLIPPED LH MIRROR OPENER
USED ON MAIN FRAME 10" MACHINES
SEE 10" FRAME LAYOUTS FOR REFERENCE

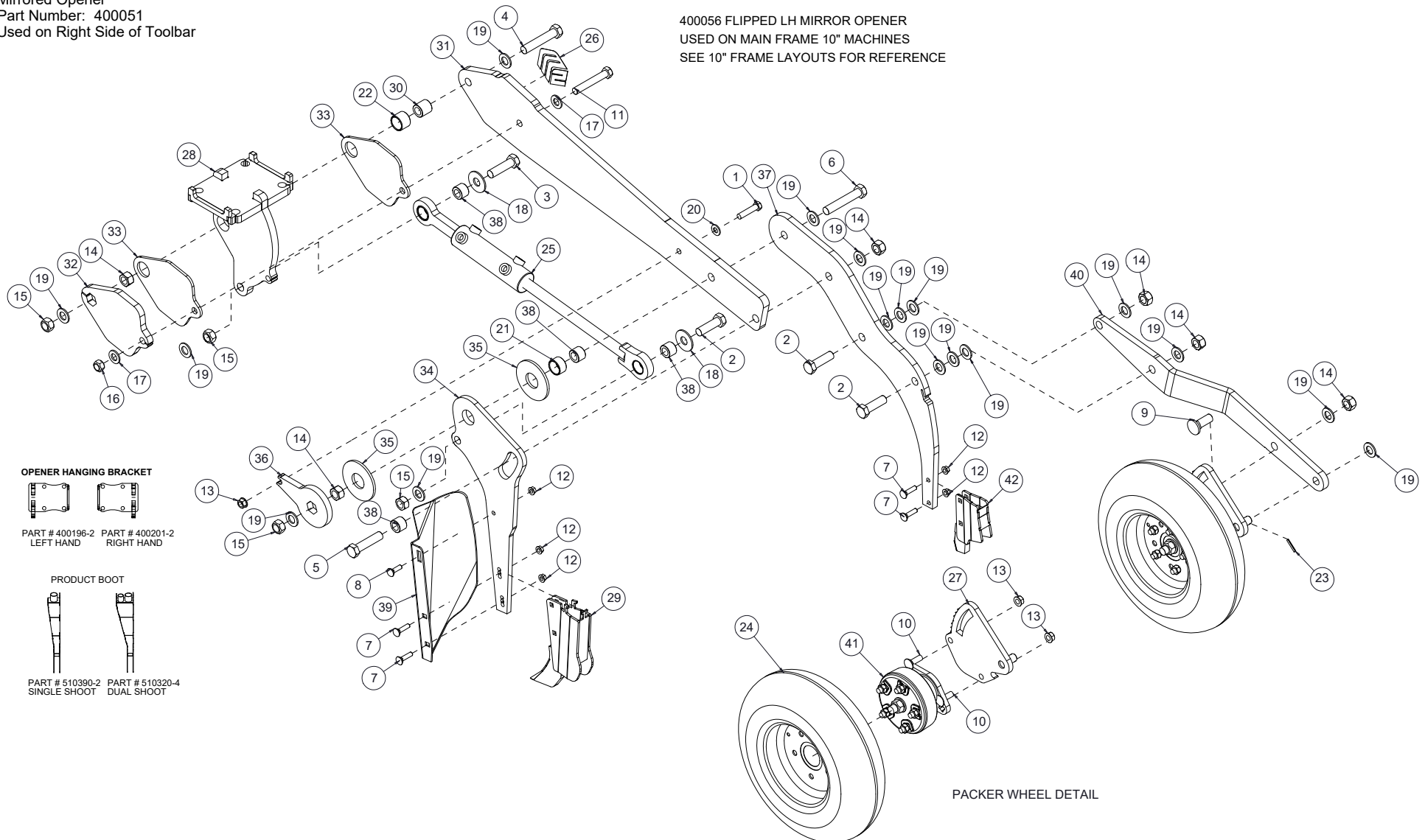


Mirrored Opener

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	250000	BOLT, HEX 1/2 X 2 1/4 IN GR5 PL	40	1	400366-1	PLATE, PACKER ARM 5/8 IN - FORMED - LH
2	3	250003	BOLT, HEX 3/4 X 2 1/2 UNC GR5 PL	41	1	404100-3	BDL, OPENER PACKER HUB ASSY
3	1	250004	BOLT, HEX 3/4 X 2 3/4 UNC GR5 PL	42	1	404171	ASSY, SEED KNIFE - DUAL SEED HOSE - LH - BLK
4	1	250025	BOLT, HEX 3/4 X 4 UNC GR5 PL				
5	1	250026	BOLT, HEX 3/4 X 3 1/4 UNC GR5 PL				
6	1	250049	BOLT, HEX 3/4 X 4 1/4 UNC GR5 PL				
7	4	250100	BOLT, CARRIAGE - 3/8 X 1 1/2IN UND GR5 PL				
8	1	250101	BOLT, CARRIAGE - 3/8 X 1 1/4 IN UNC GR5 PL				
9	1	250102	BOLT, CARRIAGE - 3/4 X 2 IN UNC GR5 PL				
10	2	250104	BOLT, CARRIAGE - 1/2 X 1 1/2IN UNC GR5 PL				
11	1	250155	BOLT, HEX 5/8 X 4 UNC GR8 PL				
12	5	250400	NUT, FLANGE - 3/8 UNC PL				
13	3	250401	NUT, FLANGE - 1/2 UNC PL				
14	6	250451	NUT, HEX 3/4 UNC GR5 PL				
15	4	250501	NUT, LOCK - 3/4 UNC - STOVER - GR.C - PL				
16	1	250511	NUT, LOCK 5/8 UNC - STOVER - GR8 PL				
17	2	250550	WASHER, FLAT 5/8 IN GR8 PL				
18	2	250551	WASHER, FLAT 3/4 IN PL				
19	17	250552	WASHER, FLAT 3/4IN GR8 PL				
20	1	250555	WASHER, FLAT - 1/2 IN - GR8 - PL				
21	1	250601	BUSH, 1 1/2OD X 1 1/4ID X 7/8 IN - CONNEX				
22	1	250604	BUSH, 1 1/2OD X 1 1/4ID X 1 1/8 IN - CONNEX				
23	1	250607	PIN, SPRING - 3/16 X 1 1/4 IN				
24	1	255082-1	ASSY, TIRE - OTICO - FARMFLEX - BLACK - 400 X 116MM - TIRE-IN-TIRE				
25	1	258500	CYL, HYD 1 3/4 X 4 IN - OPENER				
26	1	259151	DECAL, ICON - BLACK - 4" - RH				
27	1	400133-1	WELD, QUICK DEPTH ADJUSTMENT - RH				
28	1	400191-2	WELD, HANGER - OPENER - CTR				
29	1	400202	ASSY, FERT KNIFE - EXTENDED WEAR - BLK				
30	1	400222	BUSH, PIVOT SPACER 1 1/4OD X .77ID X 1.25 IN				
31	1	400230-3	PLATE, ARM 3/4 IN - MAIN				
32	1	400231-2	PLATE, CLAMP 5/8IN - UHMW HOLDER - YEL				
33	2	400232	PAD, WEAR 1/4 IN - UHMW				
34	1	400233-4	PLATE, FERT TRIP 1/2IN				
35	2	400234-1	WASHER, TRIP 1/4 IN - UHMW				
36	1	400235-3	PLATE, 5/8 IN - TRIP WASHER				
37	1	400237-5	PLATE, 5/8 IN - SEED KNIFE HOLDER				
38	4	400241-2	BUSH, CYL SPACER 1.124 OD X .77ID X .9 IN				
39	1	400246	PLATE, FRMD 10GA S.S. - DEFLECTOR MIRROR				

Mirrored Opener
Part Number: 400051
Used on Right Side of Toolbar

400056 FLIPPED LH MIRROR OPENER
USED ON MAIN FRAME 10" MACHINES
SEE 10" FRAME LAYOUTS FOR REFERENCE

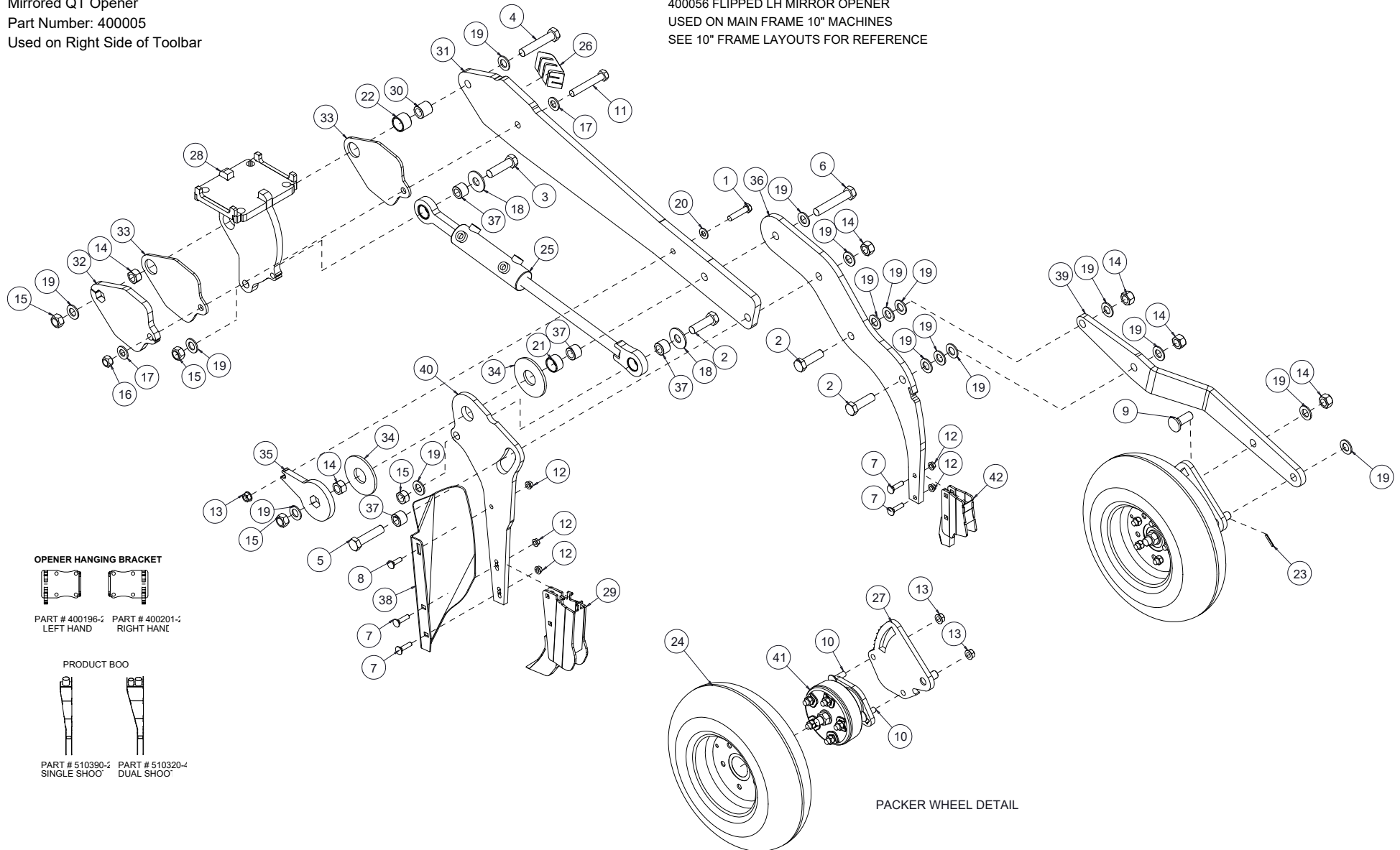


Mirrored QT Opener

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	250000	BOLT, HEX 1/2 X 2 1/4 IN GR5 PL	40	1	400484	PLATE, FERT TRIP 1/2IN - QT100
2	3	250003	BOLT, HEX 3/4 X 2 1/2 UNC GR5 PL	41	1	404100-3	BDL, OPENER PACKER HUB ASSY
3	1	250004	BOLT, HEX 3/4 X 2 3/4 UNC GR5 PL	42	1	404171	ASSY, SEED KNIFE - DUAL SEED HOSE - LH - BLK
4	1	250025	BOLT, HEX 3/4 X 4 UNC GR5 PL				
5	1	250026	BOLT, HEX 3/4 X 3 1/4 UNC GR5 PL				
6	1	250049	BOLT, HEX 3/4 X 4 1/4 UNC GR5 PL				
7	4	250100	BOLT, CARRIAGE - 3/8 X 1 1/2IN UND GR5 PL				
8	1	250101	BOLT, CARRIAGE - 3/8 X 1 1/4 IN UNC GR5 PL				
9	1	250102	BOLT, CARRIAGE - 3/4 X 2 IN UNC GR5 PL				
10	2	250104	BOLT, CARRIAGE - 1/2 X 1 1/2IN UNC GR5 PL				
11	1	250155	BOLT, HEX 5/8 X 4 UNC GR8 PL				
12	5	250400	NUT, FLANGE - 3/8 UNC PL				
13	3	250401	NUT, FLANGE - 1/2 UNC PL				
14	6	250451	NUT, HEX 3/4 UNC GR5 PL				
15	4	250501	NUT, LOCK - 3/4 UNC - STOVER - GR.C - PL				
16	1	250511	NUT, LOCK 5/8 UNC - STOVER - GR8 PL				
17	2	250550	WASHER, FLAT 5/8 IN GR8 PL				
18	2	250551	WASHER, FLAT 3/4 IN PL				
19	17	250552	WASHER, FLAT 3/4IN GR8 PL				
20	1	250555	WASHER, FLAT - 1/2 IN - GR8 - PL				
21	1	250601	BUSH, 1 1/2OD X 1 1/4ID X 7/8 IN - CONNEX				
22	1	250604	BUSH, 1 1/2OD X 1 1/4ID X 1 1/8 IN - CONNEX				
23	1	250607	PIN, SPRING - 3/16 X 1 1/4 IN				
24	1	255082-1	ASSY, TIRE - OTICO - FARMFLEX - BLACK - 400 X 116MM - TIRE-IN-TIRE				
25	1	258500	CYL, HYD 1 3/4 X 4 IN - OPENER				
26	1	259114	DECAL, ICON - BLACK - 4"				
27	1	400133-1	WELD, QUICK DEPTH ADJUSTMENT - RH				
28	1	400191-2	WELD, HANGER - OPENER - CTR				
29	1	400202	ASSY, FERT KNIFE - EXTENDED WEAR - BLK				
30	1	400222	BUSH, PIVOT SPACER 1 1/4OD X .77ID X 1.25 IN				
31	1	400230-2	PLATE, ARM 3/4 IN - MAIN - YEL				
32	1	400231-2	PLATE, CLAMP 5/8IN - UHMW HOLDER - YEL				
33	2	400232	PAD, WEAR 1/4 IN - UHMW				
34	2	400234-1	WASHER, TRIP 1/4 IN - UHMW				
35	1	400235-3	PLATE, 5/8 IN - TRIP WASHER				
36	1	400237-4	PLATE, SEED KNIFE HOLDER - YEL				
37	4	400241-2	BUSH, CYL SPACER 1.124 OD X .77ID X .9 IN				
38	1	400246	PLATE, FRMD 10GA S.S. - DEFLECTOR MIRROR				
39	1	400366-1	PLATE, PACKER ARM 5/8 IN - FORMED - LH				

Mirrored QT Opener
Part Number: 400005
Used on Right Side of Toolbar

400056 FLIPPED LH MIRROR OPENER
USED ON MAIN FRAME 10" MACHINES
SEE 10" FRAME LAYOUTS FOR REFERENCE

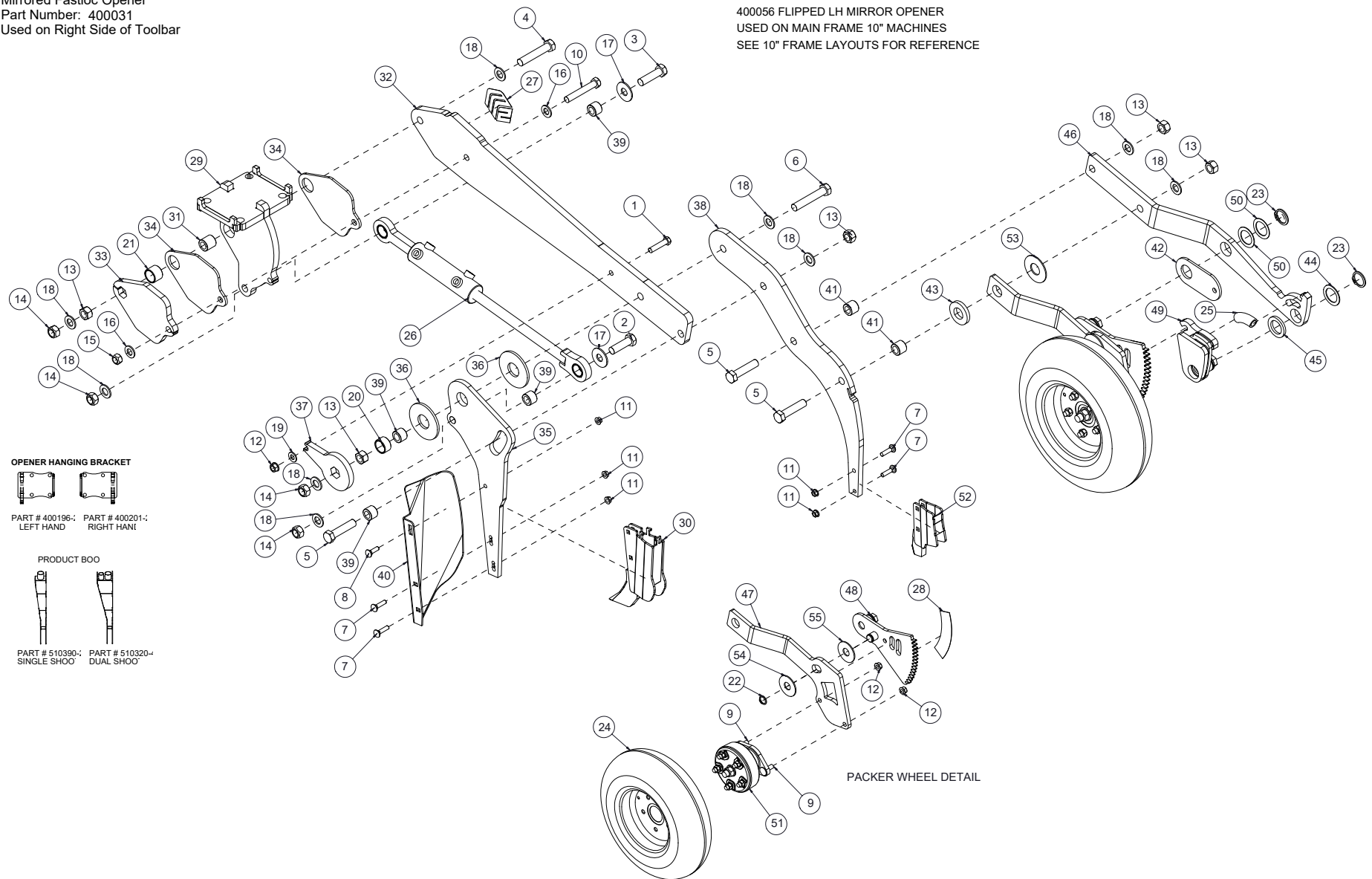


Mirrored Fastloc Opener

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	250000	BOLT, HEX 1/2 X 2 1/4 IN GR5 PL	40	1	400246	PLATE, FRMD 10GA S.S. - DEFLECTOR MIRROR
2	1	250003	BOLT, HEX 3/4 X 2 1/2 UNC GR5 PL	41	2	400581	BUSH, CYL SPACER 1.124 OD X .77ID X .9 IN
3	1	250004	BOLT, HEX 3/4 X 2 3/4 UNC GR5 PL	42	1	401335	PAD, DEPTH ADJUST - 1/4 IN - UHMW
4	1	250025	BOLT, HEX 3/4 X 4 UNC GR5 PL	43	1	401336	WASHER, 3/8 IN - DEPTH PIVOT - UHMW
5	3	250026	BOLT, HEX 3/4 X 3 1/4 UNC GR5 PL	44	1	401337	SHEET, 14 GA - WASHER - STD OPENER - SS
6	1	250049	BOLT, HEX 3/4 X 4 1/4 UNC GR5 PL	45	1	401338	WASHER, DEPTH ADJUST 1/4 IN - UHMW
7	4	250100	BOLT, CARRIAGE - 3/8 X 1 1/2IN UND GR5 PL	46	1	401339-3	PLATE, PACKER ARM 5/8 IN - FORMED - LH - FASTLOC
8	1	250101	BOLT, CARRIAGE - 3/8 X 1 1/4 IN UNC GR5 PL	47	1	401340-2	PLATE, FRMD 1/2 IN - PACKER MOUNT - LH - FL
9	2	250104	BOLT, CARRIAGE - 1/2 X 1 1/2IN UNC GR5 PL	48	1	401341-3	WELD, FASTLOC DEPTH ADJUST PLATE - LH - BLK
10	1	250155	BOLT, HEX 5/8 X 4 UNC GR8 PL	49	1	401342-2	WELD, STD OPENER - DEPTH ADJUST - LH - YEL
11	5	250400	NUT, FLANGE - 3/8 UNC PL	50	2	401347	SHEET, 16 GA - WASHER - STD OPENER - SS
12	3	250401	NUT, FLANGE - 1/2 UNC PL	51	1	404100-3	BDL, OPENER PACKER HUB ASSY
13	5	250451	NUT, HEX 3/4 UNC GR5 PL	52	1	404171	ASSY, SEED KNIFE - DUAL SEED HOSE - LH - BLK
14	4	250501	NUT, LOCK - 3/4 UNC - STOVER - GR.C - PL	53	1	417801	WASHER, 1/8 IN - DEPTH PIVOT - UHMW
15	1	250511	NUT, LOCK 5/8 UNC - STOVER - GR8 PL	54	1	417803	WASHER, 1/8 IN - RESIDUE WHEEL - UHMW
16	2	250550	WASHER, FLAT 5/8 IN GR8 PL	55	1	417821-2	SHEET, 10 GA - WASHER - SRT - YEL
17	2	250551	WASHER, FLAT 3/4 IN PL				
18	9	250552	WASHER, FLAT 3/4IN GR8 PL				
19	1	250555	WASHER, FLAT - 1/2 IN - GR8 - PL				
20	1	250601	BUSH, 1 1/2OD X 1 1/4ID X 7/8 IN - CONNEX				
21	1	250604	BUSH, 1 1/2OD X 1 1/4ID X 1 1/8 IN - CONNEX				
22	1	250724	RETAINING RING EXTERNAL - HEAVY DUTY 1 IN				
23	2	250862	RETAINING RING EXTERNAL - HEAVY DUTY 1 1/2 IN				
24	1	255082-1	ASSY, TIRE - OTICO - FARMFLEX - BLACK - 400 X 116MM - TIRE-IN-TIRE				
25	1	257399	SPRING, COMPRESSION - 3.69 IN LONG X .953 OD X .711 ID X .121 WIRE				
26	1	258500	CYL, HYD 1 3/4 X 4 IN - OPENER				
27	1	259114	DECAL, ICON - BLACK - 4"				
28	1	259217	DECAL, FASTLOC DEPTH ADJUST - MIRROR				
29	1	400191-2	WELD, HANGER - OPENER - CTR				
30	1	400202	ASSY, FERT KNIFE - EXTENDED WEAR - BLK				
31	1	400222	BUSH, PIVOT SPACER 1 1/4OD X .77ID X 1.25 IN				
32	1	400230-3	PLATE, ARM 3/4 IN - MAIN				
33	1	400231-2	PLATE, CLAMP 5/8IN - UHMW HOLDER - YEL				
34	2	400232	PAD, WEAR 1/4 IN - UHMW				
35	1	400233-4	PLATE, FERT TRIP 1/2IN				
36	2	400234-1	WASHER, TRIP 1/4 IN - UHMW				
37	1	400235-3	PLATE, 5/8 IN - TRIP WASHER				
38	1	400237-5	PLATE, 5/8 IN - SEED KNIFE HOLDER				
39	4	400241-2	BUSH, CYL SPACER 1.124 OD X .77ID X .9 IN				

Mirrored Fastloc Opener
Part Number: 400031
Used on Right Side of Toolbar

400056 FLIPPED LH MIRROR OPENER
USED ON MAIN FRAME 10" MACHINES
SEE 10" FRAME LAYOUTS FOR REFERENCE

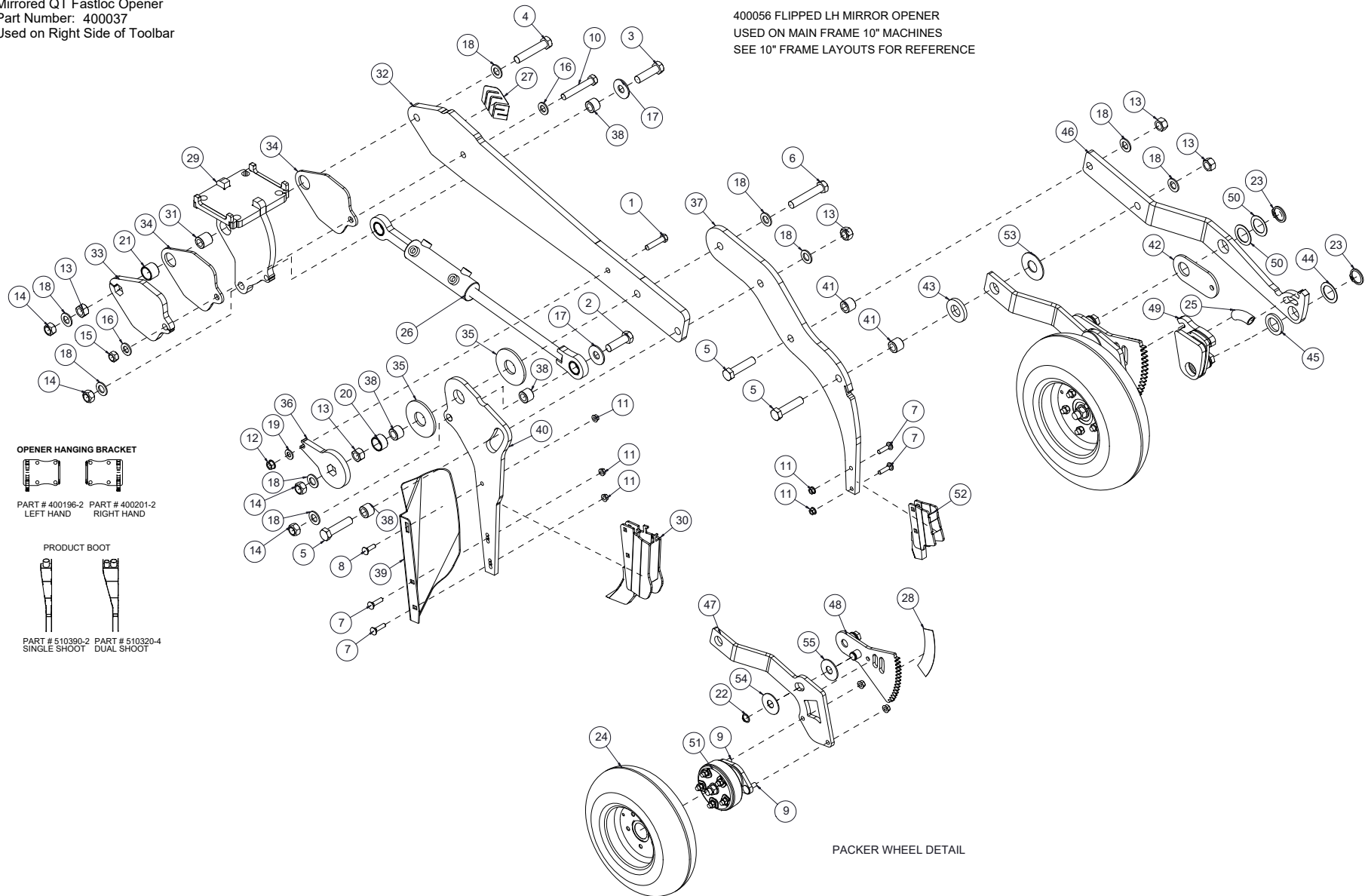


Mirrored QT Fastloc Opener

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	250000	BOLT, HEX 1/2 X 2 1/4 IN GR5 PL	40	1	400484-1	PLATE, FERT TRIP 1/2IN - QT100
2	1	250003	BOLT, HEX 3/4 X 2 1/2 UNC GR5 PL	41	2	400581	BUSH, CYL SPACER 1.124 OD X .77ID X .9 IN
3	1	250004	BOLT, HEX 3/4 X 2 3/4 UNC GR5 PL	42	1	401335	PAD, DEPTH ADJUST - 1/4 IN - UHMW
4	1	250025	BOLT, HEX 3/4 X 4 UNC GR5 PL	43	1	401336	WASHER, 3/8 IN - DEPTH PIVOT - UHMW
5	3	250026	BOLT, HEX 3/4 X 3 1/4 UNC GR5 PL	44	1	401337	SHEET, 14 GA - WASHER - STD OPENER - SS
6	1	250049	BOLT, HEX 3/4 X 4 1/4 UNC GR5 PL	45	1	401338	WASHER, DEPTH ADJUST 1/4 IN - UHMW
7	4	250100	BOLT, CARRIAGE - 3/8 X 1 1/2IN UND GR5 PL	46	1	401339-3	PLATE, PACKER ARM 5/8 IN - FORMED - LH - FASTLOC
8	1	250101	BOLT, CARRIAGE - 3/8 X 1 1/4 IN UNC GR5 PL	47	1	401340-2	PLATE, FRMD 1/2 IN - PACKER MOUNT - LH - FL
9	2	250104	BOLT, CARRIAGE - 1/2 X 1 1/2IN UNC GR5 PL	48	1	401341-3	WELD, FASTLOC DEPTH ADJUST PLATE - LH - BLK
10	1	250155	BOLT, HEX 5/8 X 4 UNC GR8 PL	49	1	401342-2	WELD, STD OPENER - DEPTH ADJUST - LH - YEL
11	5	250400	NUT, FLANGE - 3/8 UNC PL	50	2	401347	SHEET, 16 GA - WASHER - STD OPENER - SS
12	3	250401	NUT, FLANGE - 1/2 UNC PL	51	1	404100-3	BDL, OPENER PACKER HUB ASSY
13	5	250451	NUT, HEX 3/4 UNC GR5 PL	52	1	404171	ASSY, SEED KNIFE - DUAL SEED HOSE - LH - BLK
14	4	250501	NUT, LOCK - 3/4 UNC - STOVER - GR.C - PL	53	1	417801	WASHER, 1/8 IN - DEPTH PIVOT - UHMW
15	1	250511	NUT, LOCK 5/8 UNC - STOVER - GR8 PL	54	1	417803	WASHER, 1/8 IN - RESIDUE WHEEL - UHMW
16	2	250550	WASHER, FLAT 5/8 IN GR8 PL	55	1	417821-2	SHEET, 10 GA - WASHER - SRT - YEL
17	2	250551	WASHER, FLAT 3/4 IN PL				
18	9	250552	WASHER, FLAT 3/4IN GR8 PL				
19	1	250555	WASHER, FLAT - 1/2 IN - GR8 - PL				
20	1	250601	BUSH, 1 1/2OD X 1 1/4ID X 7/8 IN - CONNEX				
21	1	250604	BUSH, 1 1/2OD X 1 1/4ID X 1 1/8 IN - CONNEX				
22	1	250724	RETAINING RING EXTERNAL - HEAVY DUTY 1 IN				
23	2	250862	RETAINING RING EXTERNAL - HEAVY DUTY 1 1/2 IN				
24	1	255082-1	ASSY, TIRE - OTICO - FARMFLEX - BLACK - 400 X 116MM - TIRE-IN-TIRE				
25	1	257399	SPRING, COMPRESSION - 3.69 IN LONG X .953 OD X .711 ID X .121 WIRE				
26	1	258500	CYL, HYD 1 3/4 X 4 IN - OPENER				
27	1	259114	DECAL, ICON - BLACK - 4"				
28	1	259217	DECAL, FASTLOC DEPTH ADJUST - MIRROR				
29	1	400191-2	WELD, HANGER - OPENER - CTR				
30	1	400202	ASSY, FERT KNIFE - EXTENDED WEAR - BLK				
31	1	400222	BUSH, PIVOT SPACER 1 1/4OD X .77ID X 1.25 IN				
32	1	400230-3	PLATE, ARM 3/4 IN - MAIN				
33	1	400231-2	PLATE, CLAMP 5/8IN - UHMW HOLDER - YEL				
34	2	400232	PAD, WEAR 1/4 IN - UHMW				
35	2	400234-1	WASHER, TRIP 1/4 IN - UHMW				
36	1	400235-3	PLATE, 5/8 IN - TRIP WASHER				
37	1	400237-5	PLATE, 5/8 IN - SEED KNIFE HOLDER				
38	4	400241-2	BUSH, CYL SPACER 1.124 OD X .77ID X .9 IN				
39	1	400246	PLATE, FRMD 10GA S.S. - DEFLECTOR MIRROR				

Mirrored QT Fastloc Opener
Part Number: 400037
Used on Right Side of Toolbar

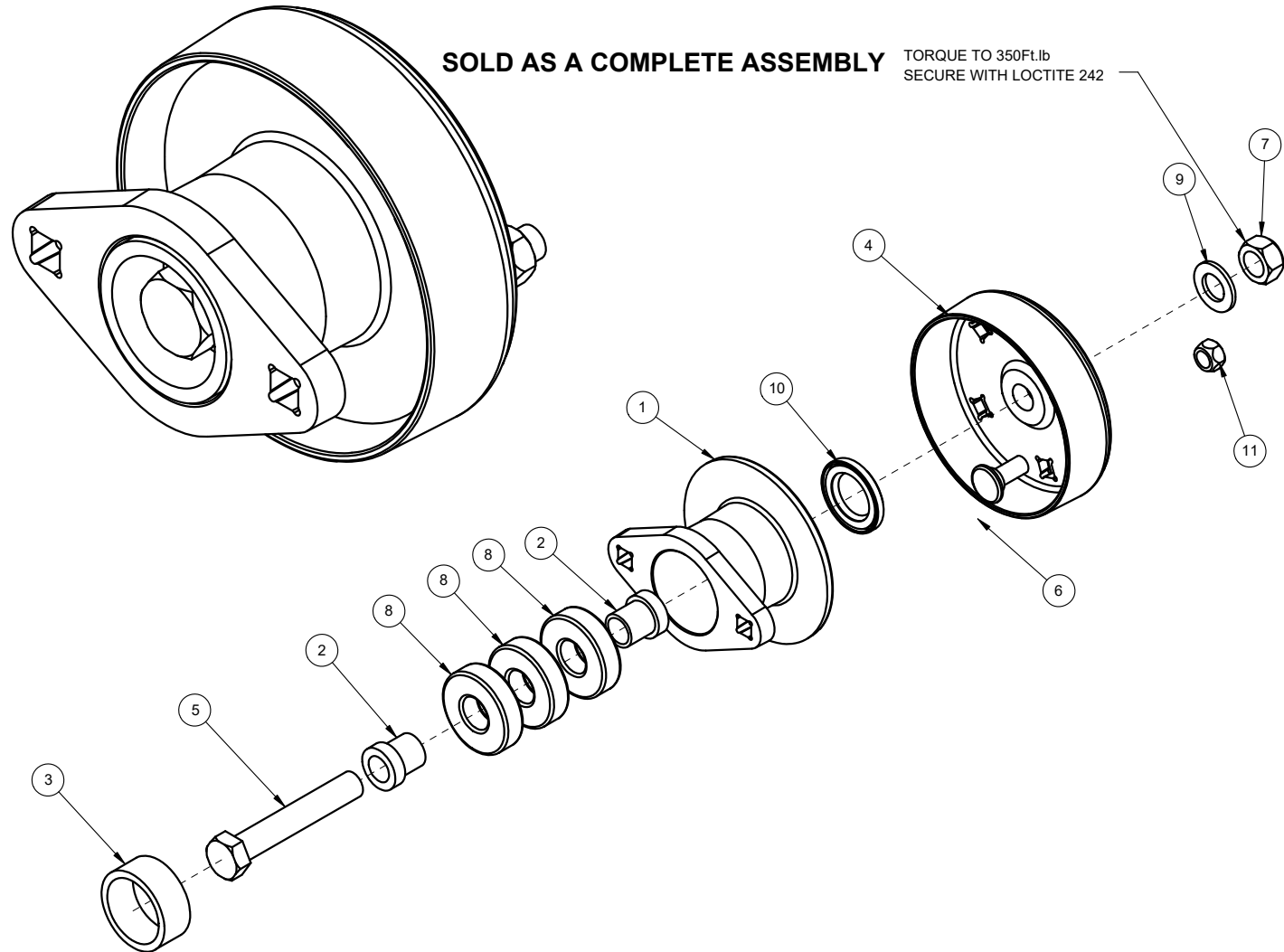
400056 FLIPPED LH MIRROR OPENER
USED ON MAIN FRAME 10" MACHINES
SEE 10" FRAME LAYOUTS FOR REFERENCE



Packer Hub Bundle

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	404115	HUB, PACKER WHEEL - CASTING				
2	2	404104-1	BUSH, SPACER - INNER PACKER HUB				
3	1	404105-1	BUSH, SPACER - OUTER - PACKER HUB				
4	1	404120-1	CASTING, WHEEL PLATE - OPENER ASSEMBLY - YEL				
5	1	250132	BOLT, HEX 3/4 X 4 1/2 UNC GR8 PL				
6	1	253044	STUD, WHEEL - 1/2"-20 UNF - PACKER HUB				
7	1	250501	NUT, LOCK - 3/4 UNC - STOVER - GR.C - PL				
8	3	250727	BEARING, BALL - 6305-2RLYD - PEER				
9	1	250552	WASHER, FLAT 3/4IN GR8 PL				
10	1	253043	SEAL, GREASE - HUB - OPENER PACKER HUB				
11	1	253037	NUT, WHEEL - 1/2 UNF CONE				

Packer Hub Bundle Part Number: 404100-3

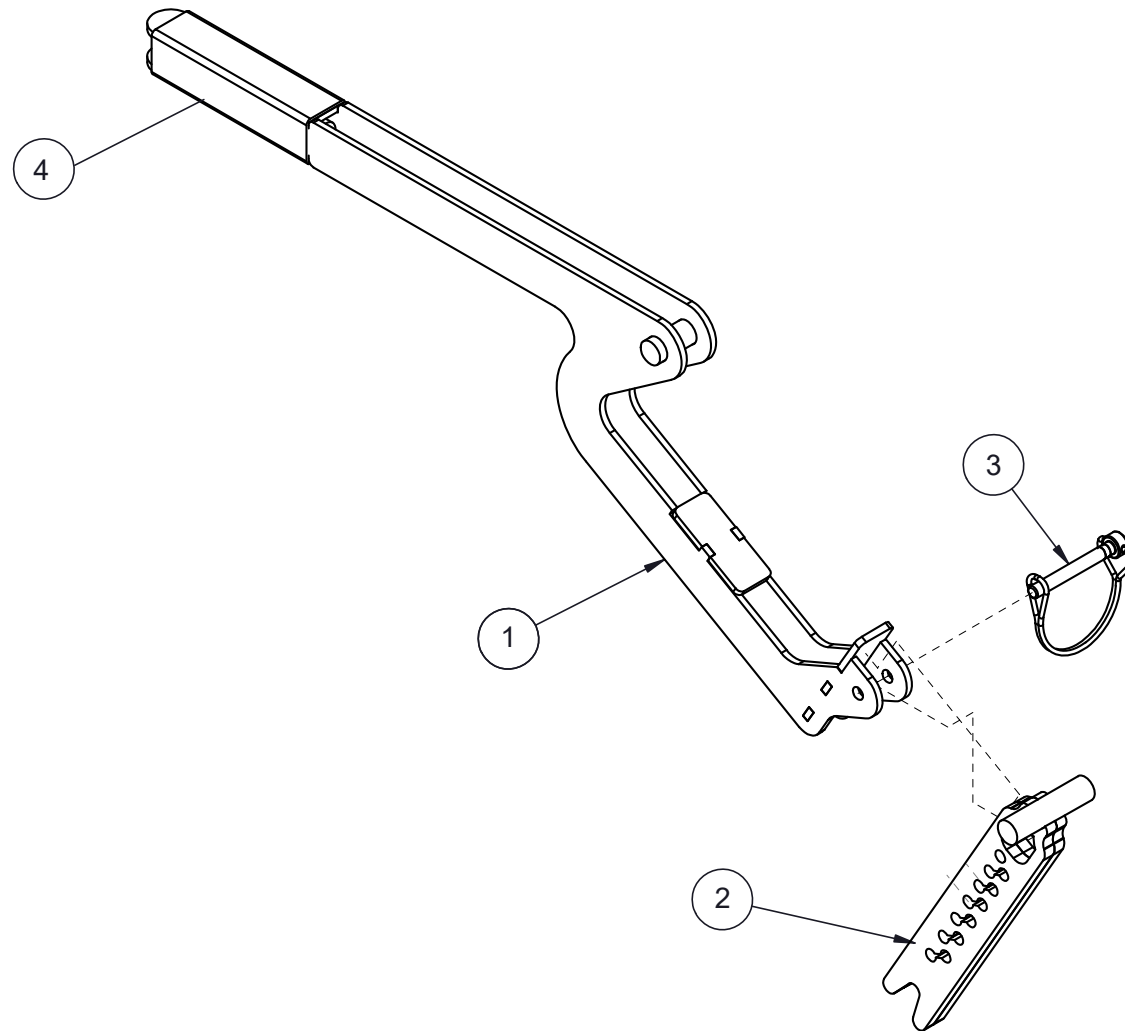


Depth Adjustment Tool

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	400135-1	ASSY, HANDLE - QUICK DEPT ADJUSTMENT TOOL - BLK				
2	1	400145-1	ASSY, DEPTH GAUGE - QDA - STAINLESS				
3	1	250594	PIN, QUICK/LOCK - 1/4 X 1 3/4 IN EFF - ROUND				
4	1	250833	GRIP, NON-SLIP - HEAT SHRINK TUBING - 1 1/2 IN - BLK				

Depth Adjustment Tool

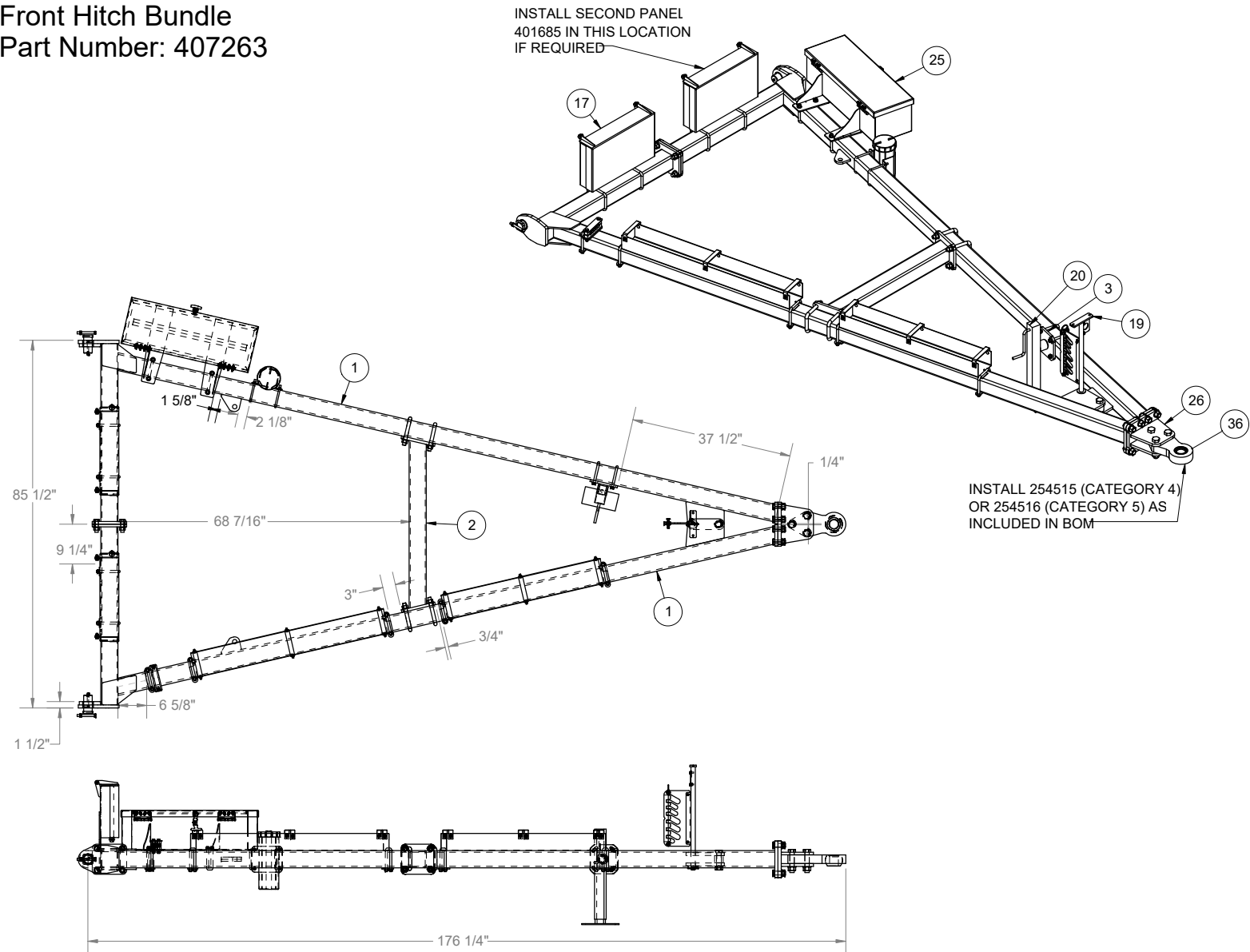
Part Number: 400146



Front Hitch Bundle

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	2	407264	WELD, SIDE A-FRAME - WITHOUT SMART HITCH				
2	1	407255	CROSS TUBE ASSY.				
3	1	404300	ADJUSTABLE JACK PLATE				
4	1	407269	TUBE, SAFETY CHAIN BUSHING - 2 X .438 X 1 11/16 - PL				
5	4	250003	BOLT, HEX 3/4 X 2 1/2 UNC GR5 PL				
6	4	250201	BOLT, U-SQ - 3/4 UNC X 4 ID X 6 IN - 2 IN THD - GR5 PL				
7	8	250007	BOLT, HEX 7/8 X 2 1/2 UNC GR5 PL				
8	8	250452	NUT, HEX - 7/8 UNC PL				
9	8	250553	WASHER, FLAT 7/8IN GR8 PL				
10	1	250032	BOLT, HEX 1 X 4 IN UNC GR5 PL				
11	4	250554	WASHER, FLAT - 1 IN GR8 PL				
12	4	250457	NUT, HEX 1 UNC GR5 PL				
13	2	250612	BUSH, 2 1/2OD X 2ID X 1 1/2 IN - CONNEX				
14	2	250730	GREASE FITTING - 90 DEG - 1/8 NPT				
15	3	250133	BOLT, HEX 1 X 4 3/4 UNC GR58 PL				
16	7	250208	BOLT, U-SQ - 1/2 UNC X 4 ID X 5 IN - 2 IN THD - GR8 PL				
17	2	401685	BDL, ELEC CONNECT HOUSING - FRONT HITCH				
18	2	400737	ASSY, HINGE PIN - GREASED - PLATE				
19	1	400319-1	BDL, HOSE HOLDER - FRT HITCH				
20	1	254503	HITCH JACK - 5000 LB - SIDE WIND - W/OUTER BUSHING				
21	14	250401	NUT, FLANGE - 1/2 UNC PL				
22	1	407267	PLATE, HOSE SUPPORTS 1/4 IN				
23	1	407275	BDL, CLAMP BLOCKS - HYD HOSE - TXB				
24	5	404312	PLATE, 1/4 IN HOSE HOLDER U-BOLT TAB				
25	1	403130	BDL, TOOLBOX - DRILL, MOUNTED				
26	1	404289	WELD, FRT TONGUE MOUNT - BULL PULL				
27	1	407271-2	SHEET, 12 GA FRMD BACK HOSE HOLDER - OPEN - BLK				
28	6	407272	SHEET, FRMD 12 GA - HOSE HOLDER STRAP - BLK				
29	12	250106	BOLT, CARRIAGE - 5/16 X 3/4 IN UNC GR5 PL				
30	12	250403	NUT, FLANGE - 5/16 UNC PL				
31	1	407270-2	SHEET, 12 GA FRMD HOSE HOLDER - OPEN				
32	12	250552	WASHER, FLAT 3/4IN GR8 PL				
33	12	250451	NUT, HEX 3/4 UNC GR5 PL				
34	2	250577	BOLT, HEX 1/2 X 4 IN UNC GR5 PL				
35	2	250504	NUT, LOCK - 1/2 UNC - STOVER - PL				
36	1	254515	HITCH, ARTICULATING BALL - BULL PULL - CAT 4				

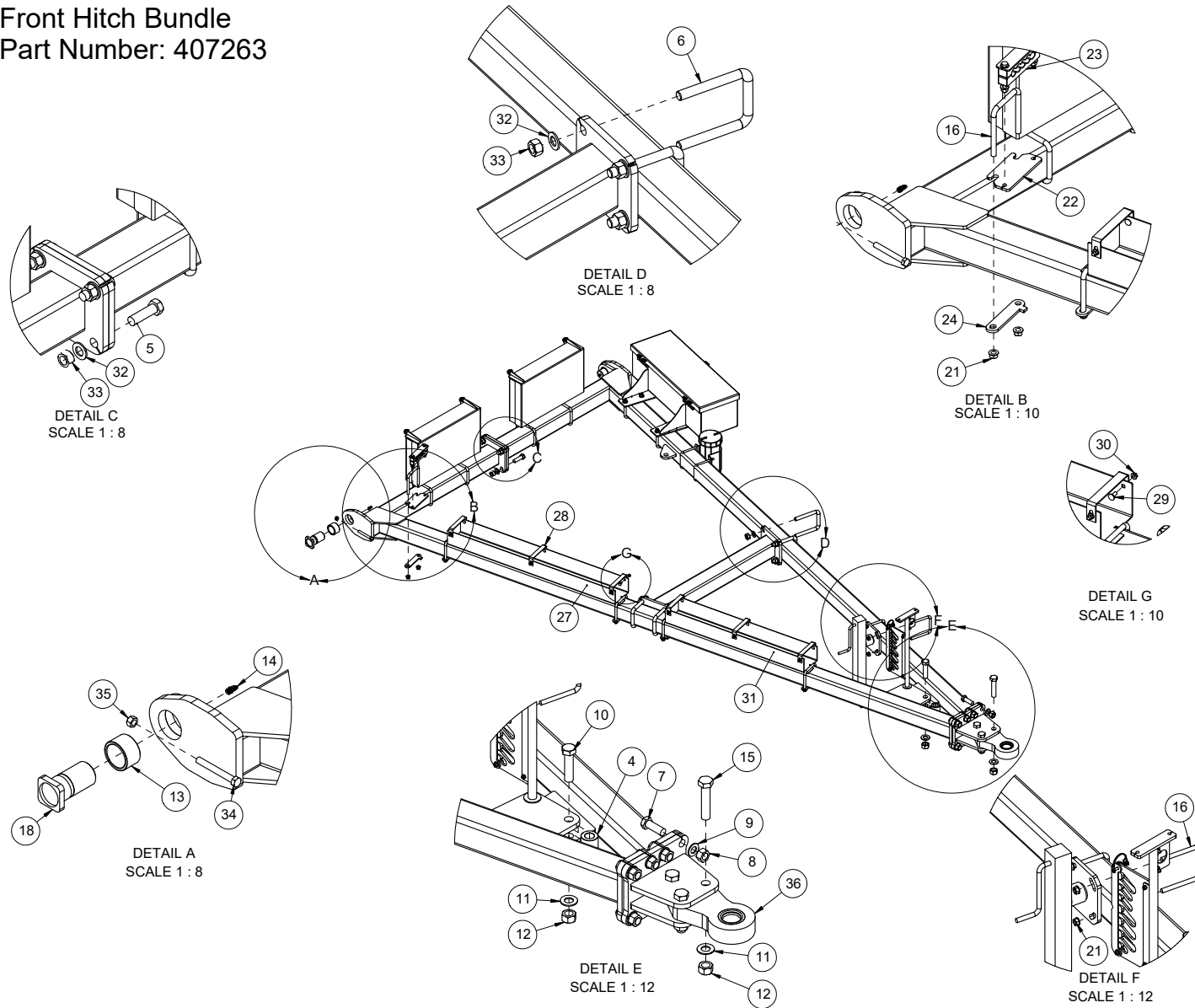
Front Hitch Bundle
Part Number: 407263



Front Hitch Bundle

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	2	407264	WELD, SIDE A-FRAME - WITHOUT SMART HITCH				
2	1	407255	CROSS TUBE ASSY.				
3	1	404300	ADJUSTABLE JACK PLATE				
4	1	407269	TUBE, SAFETY CHAIN BUSHING - 2 X .438 X 1 11/16 - PL				
5	4	250003	BOLT, HEX 3/4 X 2 1/2 UNC GR5 PL				
6	4	250201	BOLT, U-SQ - 3/4 UNC X 4 ID X 6 IN - 2 IN THD - GR5 PL				
7	8	250007	BOLT, HEX 7/8 X 2 1/2 UNC GR5 PL				
8	8	250452	NUT, HEX - 7/8 UNC PL				
9	8	250553	WASHER, FLAT 7/8IN GR8 PL				
10	1	250032	BOLT, HEX 1 X 4 IN UNC GR5 PL				
11	4	250554	WASHER, FLAT - 1 IN GR8 PL				
12	4	250457	NUT, HEX 1 UNC GR5 PL				
13	2	250612	BUSH, 2 1/2OD X 2ID X 1 1/2 IN - CONNEX				
14	2	250730	GREASE FITTING - 90 DEG - 1/8 NPT				
15	3	250133	BOLT, HEX 1 X 4 3/4 UNC GR58 PL				
16	7	250208	BOLT, U-SQ - 1/2 UNC X 4 ID X 5 IN - 2 IN THD - GR8 PL				
17	2	401685	BDL, ELEC CONNECT HOUSING - FRONT HITCH				
18	2	400737	ASSY, HINGE PIN - GREASED - PLATE				
19	1	400319-1	BDL, HOSE HOLDER - FRT HITCH				
20	1	254503	HITCH JACK - 5000 LB - SIDE WIND - W/OUTER BUSHING				
21	14	250401	NUT, FLANGE - 1/2 UNC PL				
22	1	407267	PLATE, HOSE SUPPORTS 1/4 IN				
23	1	407275	BDL, CLAMP BLOCKS - HYD HOSE - TXB				
24	5	404312	PLATE, 1/4 IN HOSE HOLDER U-BOLT TAB				
25	1	403130	BDL, TOOLBOX - DRILL, MOUNTED				
26	1	404289	WELD, FRT TONGUE MOUNT - BULL PULL				
27	1	407271-2	SHEET, 12 GA FRMD BACK HOSE HOLDER - OPEN - BLK				
28	6	407272	SHEET, FRMD 12 GA - HOSE HOLDER STRAP - BLK				
29	12	250106	BOLT, CARRIAGE - 5/16 X 3/4 IN UNC GR5 PL				
30	12	250403	NUT, FLANGE - 5/16 UNC PL				
31	1	407270-2	SHEET, 12 GA FRMD HOSE HOLDER - OPEN				
32	12	250552	WASHER, FLAT 3/4IN GR8 PL				
33	12	250451	NUT, HEX 3/4 UNC GR5 PL				
34	2	250577	BOLT, HEX 1/2 X 4 IN UNC GR5 PL				
35	2	250504	NUT, LOCK - 1/2 UNC - STOVER - PL				
36	1	254515	HITCH, ARTICULATING BALL - BULL PULL - CAT 4				

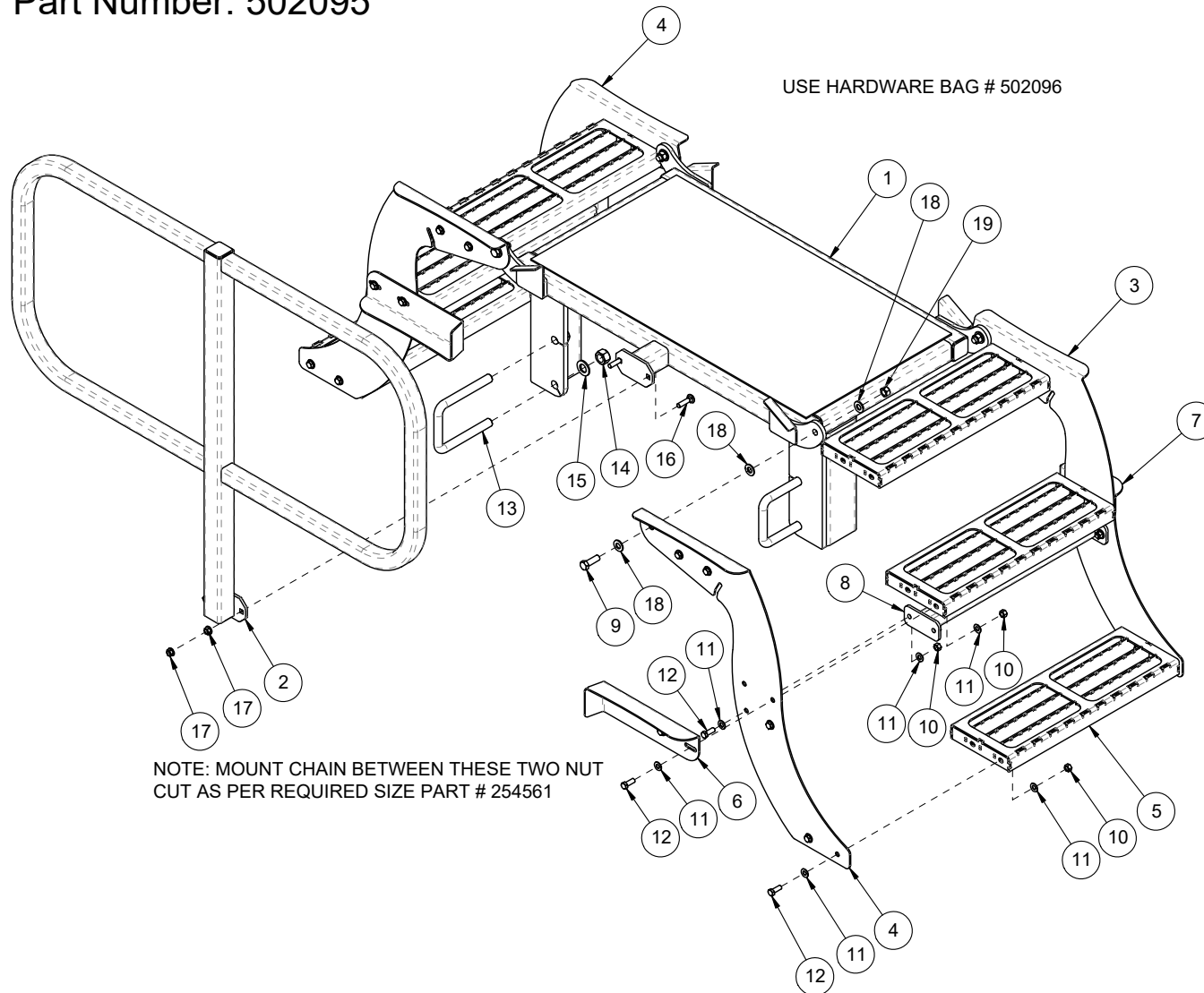
Front Hitch Bundle
Part Number: 407263



Front Hitch Walkway

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	502100-1	ASSY, PLATFORM - FRONT CANOLA TANK				
2	1	502125	ASSY, HAND RAIL - WALKWAY - FRONT HITCH - BLK				
3	2	502118	SHEET, FRMD 10GA - L.H. - WALKWAY - FRT CANOLA TANK - BLK				
4	2	502117	SHEET, FRMD 10GA - R.H. - WALKWAY - FRT CANOLA TANK - BLK				
5	6	501080	ASSY, STAIR TREAD - 7 1/4 X 20 31/32 - BLK				
6	2	502123-1	SHEET, FRMD 10GA - BUMP - L.H. - WALKWAY - FRT CANOLA - BLK				
7	2	502124-1	SHEET, FRMD 10GA - BUMP - R.H. - WALKWAY - FRT CANOLA - BLK				
8	2	500780	ASSY, REAR STAIR BRACE - NOVA XP 820				
9	4	250001	BOLT, HEX 1/2 X 1 1/2 IN GR5 PL				
10	32	250453	NUT, HEX - 3/8 UNC PL				
11	64	250557	WASHER, FLAT - 3/8 IN GR8 PL				
12	32	250036	BOLT, HEX 3/8 X 1 IN GR5 PL				
13	2	250201	BOLT, U-SQ - 3/4 UNC X 4 ID X 6 IN - 2 IN THD - GR5 PL				
14	4	250451	NUT, HEX 3/4 UNC GR5 PL				
15	4	250552	WASHER, FLAT 3/4IN GR8 PL				
16	2	250100	BOLT, CARRIAGE - 3/8 X 1 1/2IN UND GR5 PL				
17	4	250400	NUT, FLANGE - 3/8 UNC PL				
18	12	250555	WASHER, FLAT - 1/2 IN - GR8 - PL				
19	4	250504	NUT, LOCK - 1/2 UNC - STOVER - PL				

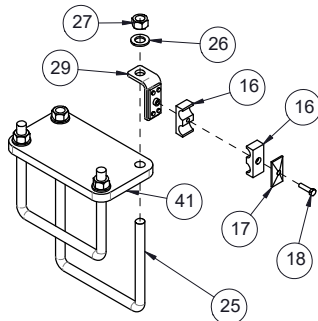
Front Hitch Walkway Part Number: 502095



Frame Hose Holders

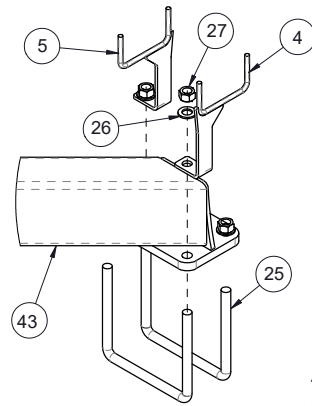
Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	405348	WELD, ACT WING BRACE HYD HOSE MNT - BLK	40	1	250566	WASHER, FLAT - 3/8 IN PL
2	1	405353	WELD, BRIDAL WING BRACE HYD HOSE MNT	41	1	404333	PLATE, BOLT 3/4 IN - ANGLE BRACKET
3	1	405362	WELD, BOLT ON WIRE LOOPS - XEED - BLK	42	2	406604	BDL, LOAD CELL ADD ON - SCALE TEC
4	1	405358	WELD, FR BEAM HOSE GUIDE - LEFT - BLK	43	1	404336	ASSY, FRAME ANGLE BRKT - RH - M80 BLK
5	1	405360	WELD, FR BEAM INSIDE HOSE GUIDE				
6	1	405365	WELD, BOLT ON TRIPLE WIRE HOLDER - VERT				
7	1	400324-2	SHEET, 10 GA - TOP CLAMP - HOSE				
8	1	407267	PLATE, HOSE SUPPORTS 1/4 IN				
9	1	404312	PLATE, 1/4 IN HOSE HOLDER U-BOLT TAB				
10	1	250249	BOLT, U-SQ - 3/8 UNC X 4 ID X 7 IN -				
11	8	250400	NUT, FLANGE - 3/8 UNC PL				
12	2	250250	BOLT, U-SQ - 3/8 UNC X 8 ID X 7 1/2 IN - 2 IN				
13	1	250217	BOLT, U-SQ - 1/4 UNC X 8ID X 5 IN - GR5 PL				
14	2	250559	WASHER, FLAT - 1/4 IN PL				
15	2	250458	NUT, HEX - 1/4 UNC PL				
16	6	258390	HALF HOSE CLAMP - 2 HALVES - 1/2" HOSE - 322/22				
17	3	258392	HOSE CLAMP - COVER PLATE - TCP-3				
18	3	250038	BOLT, HEX 5/16 X 1 1/4 IN GR5 PL				
19	2	259840	CLAMP, UHMW 1 IN - HYD HOSE - 0.500 X 5 /				
20	2	250072	BOLT, HEX 3/8 X 3 IN GR5 PL				
21	4	250557	WASHER, FLAT - 3/8 IN GR8 PL				
22	2	250508	NUT, LOCK - 3/8 UNC - NYLOC - PL				
23	1	250208	BOLT, U-SQ - 1/2 UNC X 4 ID X 5 IN - 2 IN THD - GR8 PL				
24	2	250401	NUT, FLANGE - 1/2 UNC PL				
25	4	250202	BOLT, U-SQ - 3/4 UNC X 8 ID X 8 IN - 2 IN THD - GR8 PL				
26	16	250552	WASHER, FLAT 3/4IN GR8 PL				
27	16	250451	NUT, HEX 3/4 UNC GR5 PL				
28	1	258396	HOSE CLAMP - COVER PLATE - GD4DW3				
29	1	405369	WELD, SINGLE HOSE BOLT ON CLAMP - BLK				
30	1	405371	SHEET, FRMD 12 GA. - CABLE TRAY - LONG				
31	1	405372	WELD, BOLT ON WIRE GUIDE - BLK				
32	1	405375	WELD, CONVEYOR HYD HOSE MNT - NOVA - BLK				
33	1	250224	BOLT, U-SQ - 3/8 UNC X 4 ID X 5 IN - 2 IN THD - GR8 PL				
34	2	258394	HOSE CLAMP - 2 HALVES - 3/4" HOSE - 428,5 / 28,5 PAH				
35	1	250073	BOLT, HEX 5/16 X 2 UNC GR5 PL				
36	1	250453	NUT, HEX - 3/8 UNC PL				
37	1	250140	BOLT, CARRIAGE - 3/8 X 1 3/4IN UND GR5 PL				
38	4	250231	BOLT, U-SQ - 3/4 UNC X 8 ID X 14 IN - 2 IN THD - GR8 PL				
39	2	500370-3	ASSY, LOAD CELL MOUNT - TANK CRADLE - NOVA - BLK				

Frame Hose Holders



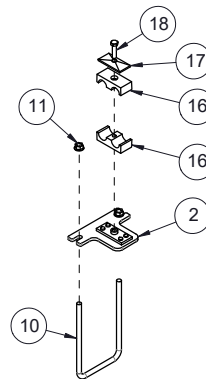
405370 - BAG, HDW - BOLT ON
HYD HOSE CLAMP- SM - BLK

DETAIL A
SCALE 1 : 10



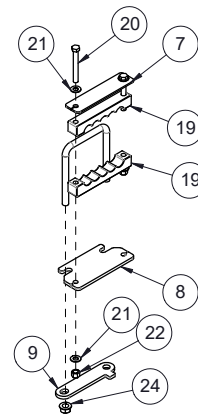
WELD, FR BEAM HOSE GUID
- LEFT & RIGHT- BLK

DETAIL B
SCALE 1 : 10



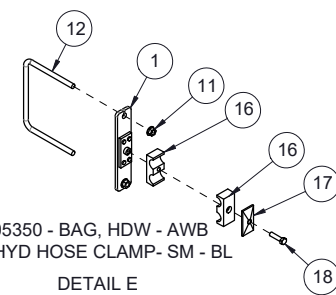
405355 - BAG, HDW - BRIDAL
HYD HOSE CLAMP- SM - BLK

DETAIL C
SCALE 1 : 10



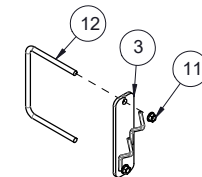
407266 - BAG, HDW - FRT HITCH
HYD HOSE CLAMP- SEEDMASTE

DETAIL D
SCALE 1 : 10



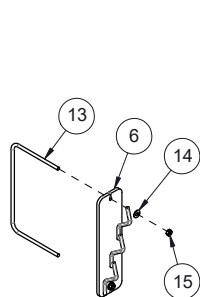
405350 - BAG, HDW - AWB
- HYD HOSE CLAMP- SM - BLK

DETAIL E
SCALE 1 : 10



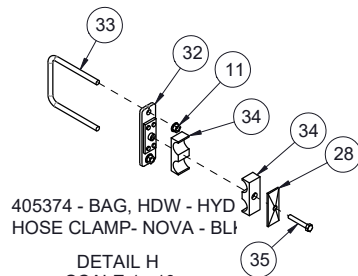
405363 - BAG, HDW - WELD,
BOLT ON WIRE LOOPS - XEEI
- SM - BLK

DETAIL F
SCALE 1 : 10



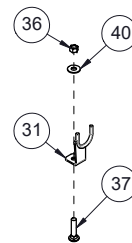
405366 - BAG, HDW - WELD,
BOLT ON WIRE LOOPS
- MAIN BEAMS - SM - BLK

DETAIL G
SCALE 1 : 10



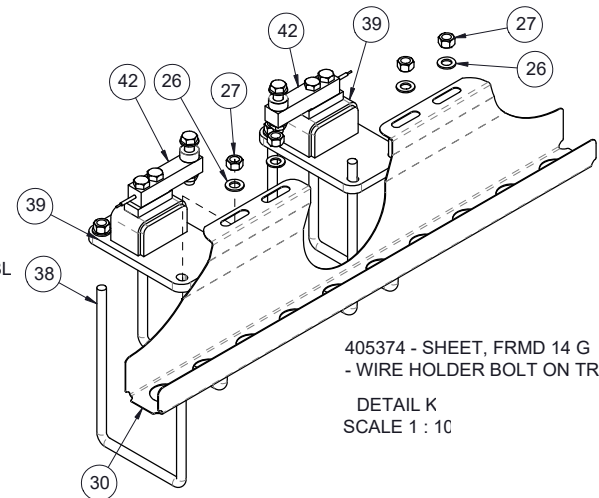
405374 - BAG, HDW - HYD
HOSE CLAMP- NOVA - BLK

DETAIL H
SCALE 1 : 10



405372 - WELD, SINGLE
HOSE BOLT ON CLAMP - BLK

DETAIL J
SCALE 1 : 10

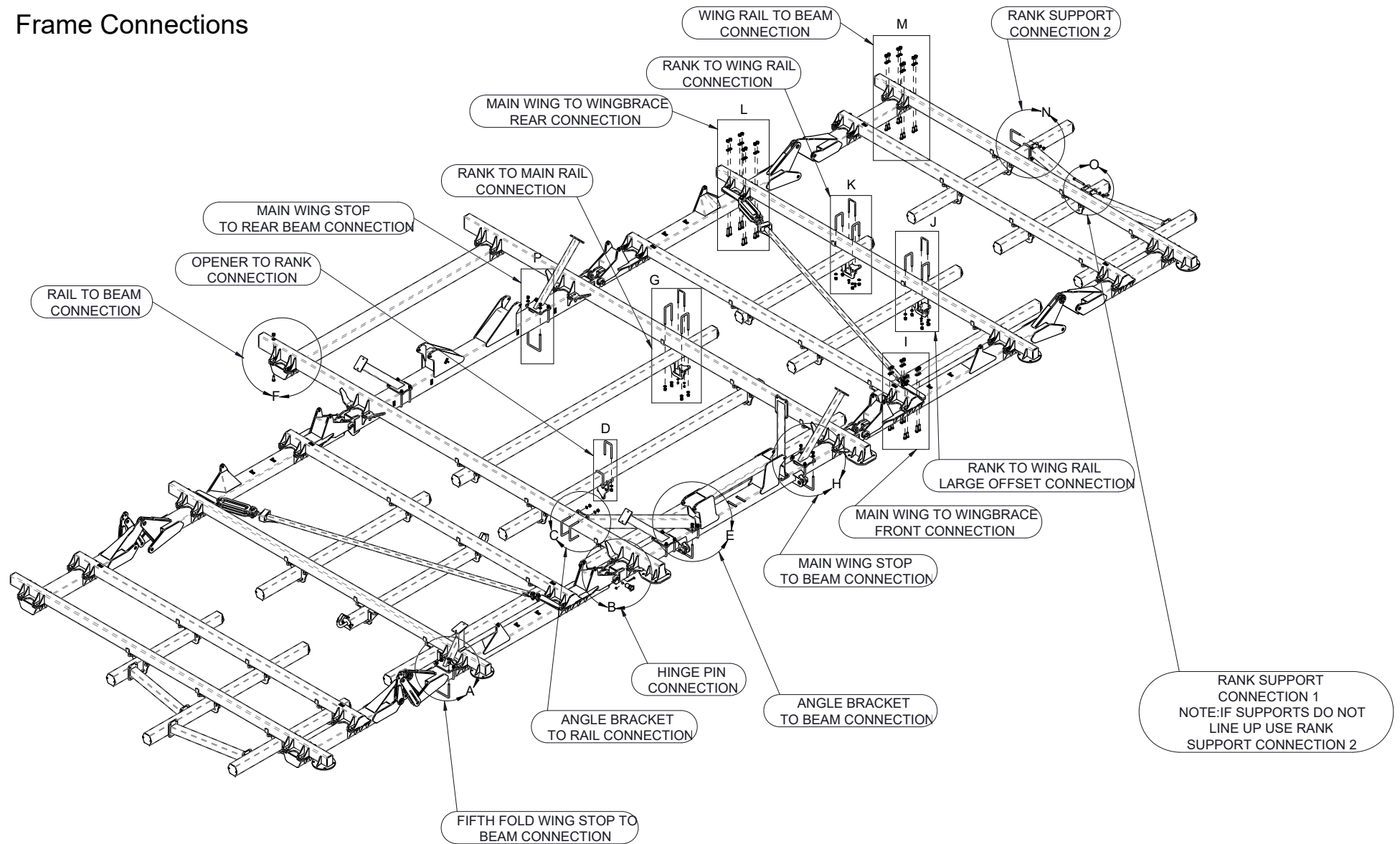


405374 - SHEET, FRMD 14 G
- WIRE HOLDER BOLT ON TRA

DETAIL K
SCALE 1 : 10

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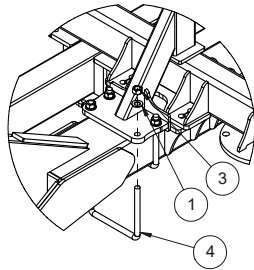
Frame Connections



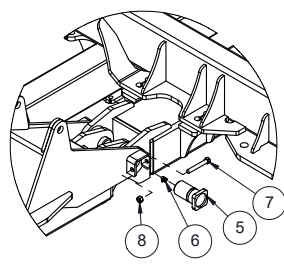
Frame Connections

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	52	250552	WASHER, FLAT 3/4IN GR8 PL				
2	6	250204	BOLT, U-SQ - 3/4 UNC X 4 ID X 8 IN -2 IN THD - GR8 PL				
3	52	250451	NUT, HEX 3/4 UNC GR5 PL				
4	8	250202	BOLT, U-SQ - 3/4 UNC X 8 ID X 8 IN - 2 IN THD - GR8 PL				
5	2	400737	ASSY, HINGE PIN - GREASED - PLATE				
6	2	250730	GREASE FITTING - 90 DEG - 1/8 NPT				
7	2	250050	BOLT, HEX 1/2 X 3 1/2 IN UNC GR5 PL				
8	2	250504	NUT, LOCK - 1/2 UNC - STOVER - PL				
9	42	250006	BOLT, HEX 7/8 X 2 1/4 UNC GR5 PL				
10	56	250553	WASHER, FLAT 7/8IN GR8 PL				
11	56	250452	NUT, HEX - 7/8 UNC PL				
12	4	250220	BOLT, U-SQ - 3/4 UNC X 8 ID X 10 IN -2 IN THD - GR8 PL				
13	3	250218	BOLT, U-SQ - 1/2 UNC X 4 ID X 8 IN - 2 IN THD - GR5 PL				
14	6	250555	WASHER, FLAT - 1/2 IN - GR8 - PL				
15	6	250450	NUT, HEX 1/2 UNC GR5 PL				
16	2	250206	BOLT, U-SQ - 3/4 UNC X 4 ID X 10 IN - 2 IN THD - GR8 PL				
17	2	250209	BOLT, U-SQ - 3/4 UNC X 8 ID X 6 IN - 2 IN THD - GR8 PL				
18	2	250210	BOLT, U-SQ - 3/4 UNC X 6 ID X 6 IN				
19	4	250057	BOLT, HEX 3/4 X 6 1/2 UNC GR5 PL				
20	2	250028	BOLT, HEX 7/8 X 3 IN UNC GR5 PL				
21	6	250044	BOLT, HEX 7/8 X 3 IN UNC GR5 PL				
22	6	250010	BOLT, HEX 7/8 X 3 1/2 UNC GR5 PL				
23	2	404375	ASSY, RANK CLAMP - 6X4 - OFFSET MNT - BLK				
24	1	404378-1	RANK CLAMP ASSY, LARGE OFFSET				

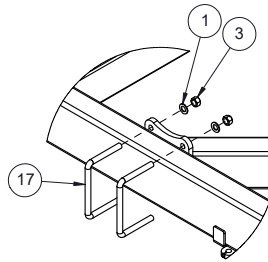
Frame Connections



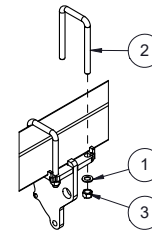
DETAIL A
FIFTH FOLD WING STOP
TO BEAM CONNECTION



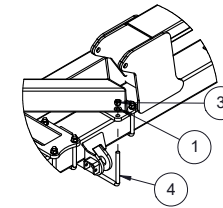
DETAIL B
HINGE PIN
CONNECTION



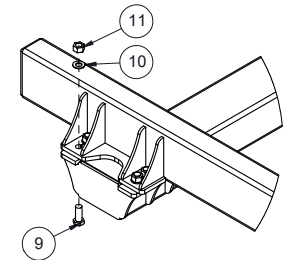
DETAIL C
ANGLE BRACKET
TO RAIL CONNECTION



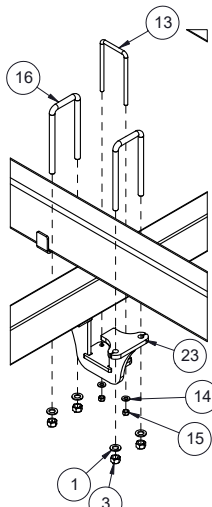
DETAIL D
OPENER TO
RANK CONNECTION



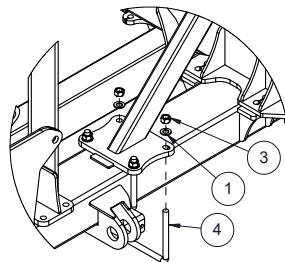
DETAIL E
ANGLE BRACKET
TO BEAM CONNECTION



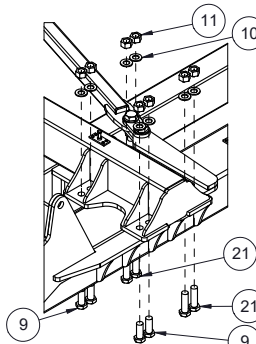
DETAIL F
RAIL TO BEAM
CONNECTION



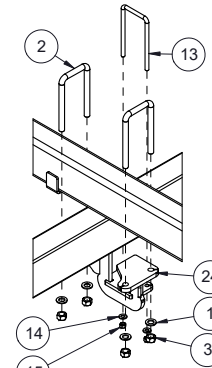
DETAIL G
RANK TO MAIN RAIL
CONNECTION



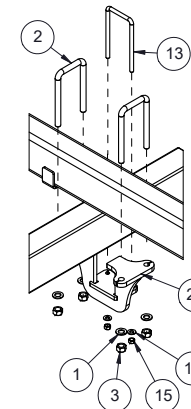
DETAIL H
MAIN WING STOP
TO BEAM CONNECTION



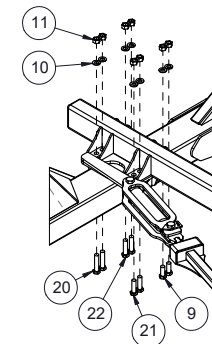
DETAIL I
MAIN WING TO WINGBRACE
FRONT CONNECTION



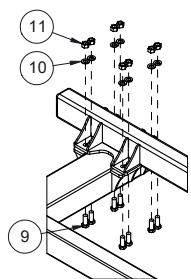
DETAIL J
RANK TO WING RAIL
LARGE OFFSET CONNECTION



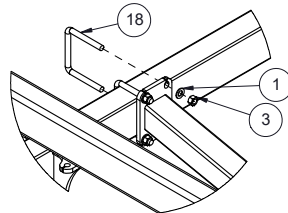
DETAIL K
RANK TO WING RAIL
CONNECTION



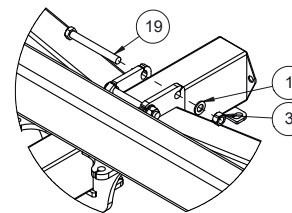
DETAIL L
MAIN WING TO WINGBRACE
REAR CONNECTION



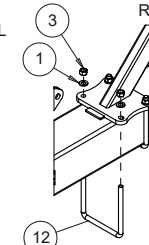
DETAIL M
WING RAIL TO BEAM
CONNECTION



DETAIL N
RANK SUPPORT
CONNECTION 2



DETAIL O
RANK SUPPORT CONNECTION 1
NOTE: IF SUPPORTS DO NOT LINE UP USE RANK
SUPPORT CONNECTION 2

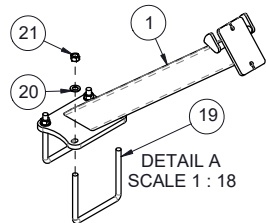


DETAIL P
MAIN WING STOP
TO REAR BEAM CONNECTION
SCALE 1 : 20

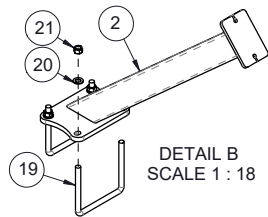
Frame Wing Stops

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	407780-1	ASSY, WING STOP - MAIN - M80 - 45" - FRT - BLK				
2	1	407720-1	ASSY, WING STOP - MAIN - M80 - 45" - REAR - BLK				
3	1	407615-2	ASSY, WING STOP - MAIN - M40/M50 - 3 PLEX - 40" - REAR - BLK				
4	1	407700-2	ASSY, WING STOP - MAIN - M50/M60/M70 - 41 1/4" - REAR - BLK				
5	1	407705-1	ASSY, WING STOP - FIFTH FOLD - M50 - BLK				
6	1	407710-1	ASSY, WING STOP - 5TH FOLD - M60 - BLK				
7	1	407715-1	ASSY, WING STOP - FIFTH FOLD - M70 - BLK				
8	1	407725-1	ASSY, WING STOP - FIFTH FOLD - M80 - BLK				
9	1	407730-1	ASSY, WING STOP - MAIN - WIDE M80 - 40 3/8" - REAR - BLK				
10	1	407735	ASSY, WING STOP - MAIN FRAME - WIDE				
11	1	407740-1	ASSY, WING STOP - FIFTH FOLD - M80 WIDE/M90 - BLK				
12	1	407745-1	ASSY, WING STOP - MAIN - M90 - 43" - REAR - BLK				
13	1	407750	ASSY, WING STOP - MAIN - M90 - 43" - FRT - BLK				
14	1	407753-2	ASSY, WING STOP - MAIN - M90 - 41.469 - FRT - BLK				
15	1	407762-1	ASSY, WING STOP - MAIN - WIDE M WITH UPII550 - REAR - BLK				
16	1	407770-1	ASSY, WING STOP - MAIN - 40/50 3-PLEX - 40" - FRT - BLK				
17	1	407977	ASSY, WING STOP - STD 5 PLEX - REAR				
18	1	407983-1	ASSY, WING STOP - WIDE 5 PLEX - TOP				
19	36	250202	BOLT, U-SQ - 3/4 UNC X 8 ID X 8 IN - 2 IN THD - GR8 PL				
20	72	250552	WASHER, FLAT 3/4IN GR8 PL				
21	72	250451	NUT, HEX 3/4 UNC GR5 PL				

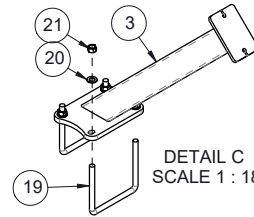
Frame Wing Stops



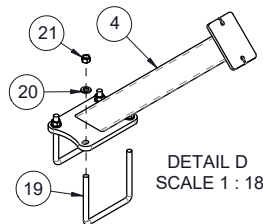
407780 - WELD, WING STOP
- MAIN - M80CT - 45" - FRT - BLK



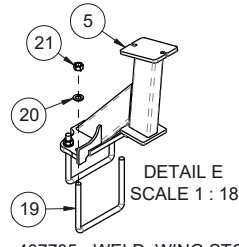
407720 - WELD, WING STOP
- MAIN - M80CT - 45" - REAR - BLK



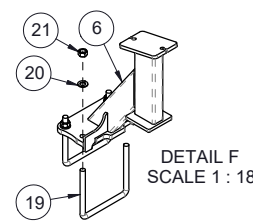
407615-1 - WELD, WING STOP - MAIN
- 40/50CT 3 PLEX - 40" - REAR - BLK



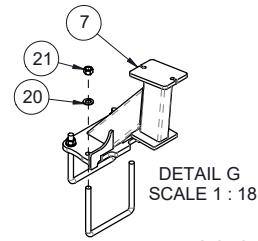
407700-1 - WELD, WING STOP - MAIN
- M50/M60/M70 - 41 1/4" - FRONT/ REAR - BLK



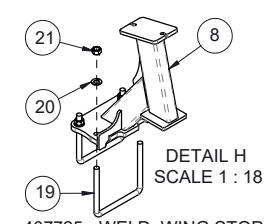
407705 - WELD, WING STOP
- FIFTH FOLD - M50 - BLK



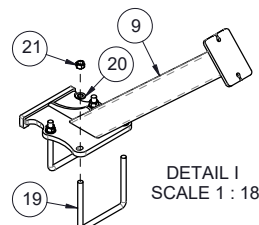
407710 - WELD, WING STOP
- FIFTH FOLD - M60 - BLK



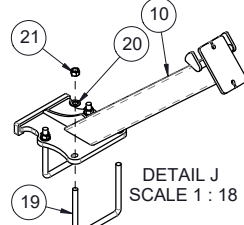
407715 - WELD, WING STOP
- FIFTH FOLD - M60 - BLK



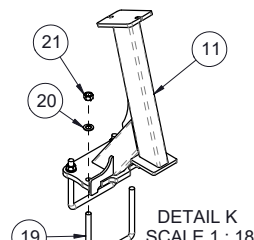
407725 - WELD, WING STOP
- FIFTH FOLD - M80CT - BLK



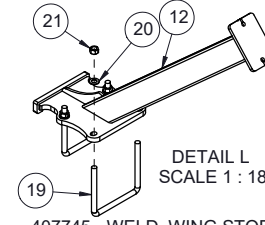
407730 - WELD, WING STOP - MAIN
- WIDE M80 - 40 3/8" - FRONT/REAR - BLK



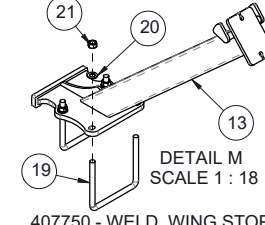
407735 - WELD, WING STOP - MAIN
- WIDE M80 - 40 3/8" - FRT - BLK



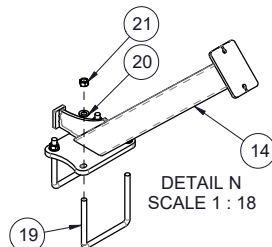
407740 - WELD, WING STOP
- FIFTH FOLD - M80/M90 - BLK



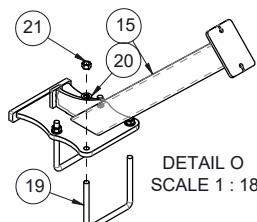
407745 - WELD, WING STOP
- MAIN - M90 - 43" - REAR - BLK



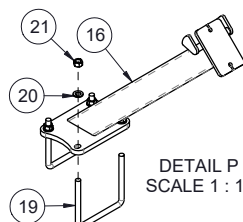
407750 - WELD, WING STOP
- MAIN - M90 - 43" - FRT - BLK



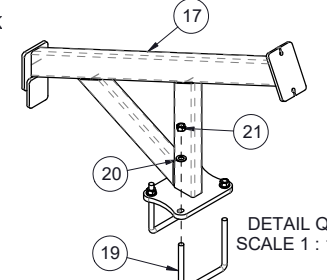
407753-1 - WELD, WING STOP - MAIN
- WIDE M WITH UPII550 - FRONT - BLK



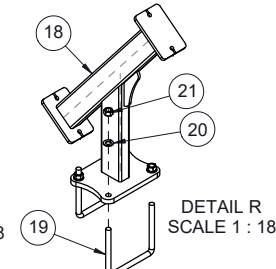
407762 - WELD, WING STOP - MAIN
- WIDE M WITH UPII550 - REAR - BLK



407770 - WELD, WING STOP - MAIN
- 40/50CT 3 PLEX - 40" - FRT - BLK



407977 - WELD, WING STOP
- STD 5 PLEX - REAR - BLK

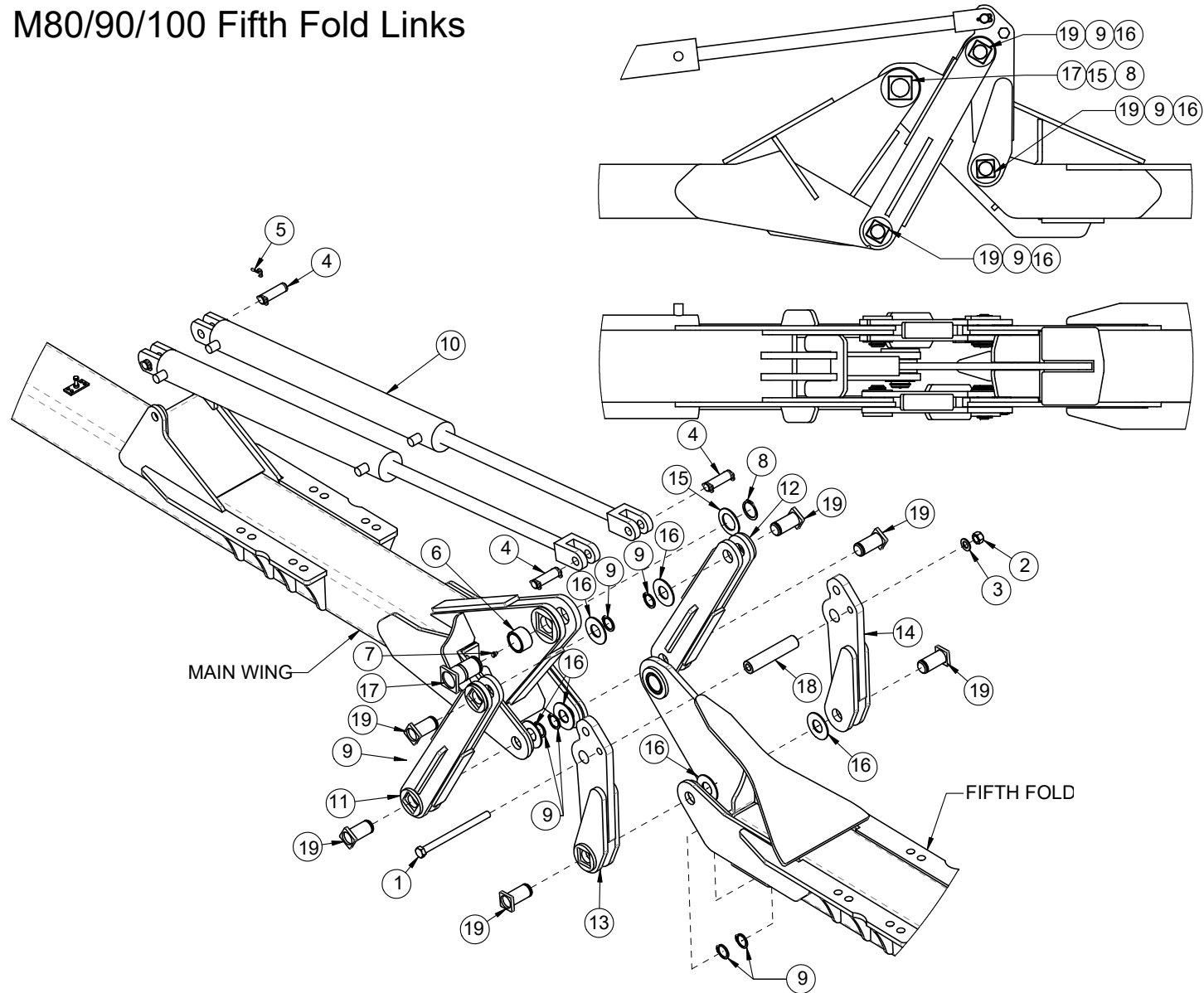


407963 - WELD, WING STOP
- 5TH FOLD - BLK

M80/90/100 Fifth Fold Links

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	250060	BOLT, HEX 3/4 X 10 UNC GR5 PL				
2	1	250451	NUT, HEX 3/4 UNC GR5 PL				
3	1	250552	WASHER, FLAT 3/4IN GR8 PL				
4	4	250598	PIN, CYLINDER - 1 X 3 IN EFF. c/w CLIP PINS				
5	8	250610	PIN, COTTER 3/16 X 2 1/2 - BENT				
6	1	250612	BUSH, 2 1/2OD X 2ID X 1 1/2 IN - CONNEX				
7	1	250656	GREASE FITTING - STRAIGHT - 1/8 NPT				
8	1	250726	RETAINING RING EXTERNAL - HEAVY DUTY 1 IN				
9	6	250862	RETAINING RING EXTERNAL - HEAVY DUTY 1 1/2 IN				
10	2	258548	CYL, HYD 3 X 32 IN - 1-1/2" ROD WING LIFT				
11	1	407050-1	ASSY, HINGE LINK - MAIN - RH - BLK				
12	1	407051-1	ASSY, HINGE LINK - MAIN - LH - BLK				
13	1	407060-2	WELD, HINGE LINK - 13 IN - WIDE M - RR/LF				
14	1	407061-2	WELD, HINGE LINK - 13 IN - WIDE M - RF/LR				
15	1	407065	SHEET, 10GA - HINGE LINK WASHER - SS				
16	6	407066	SHEET, 10GA - 1-1/12 ID WASHER - SS				
17	1	407073	ASSY, HINGE PIN - 2 IN - PLT				
18	1	407105	BUSH, LINK SPACER 1 1/2 OD X .77ID X 7IN				
19	6	417235-1	ASSY, LINK PIN - 1 1/2" X 3 3/8				

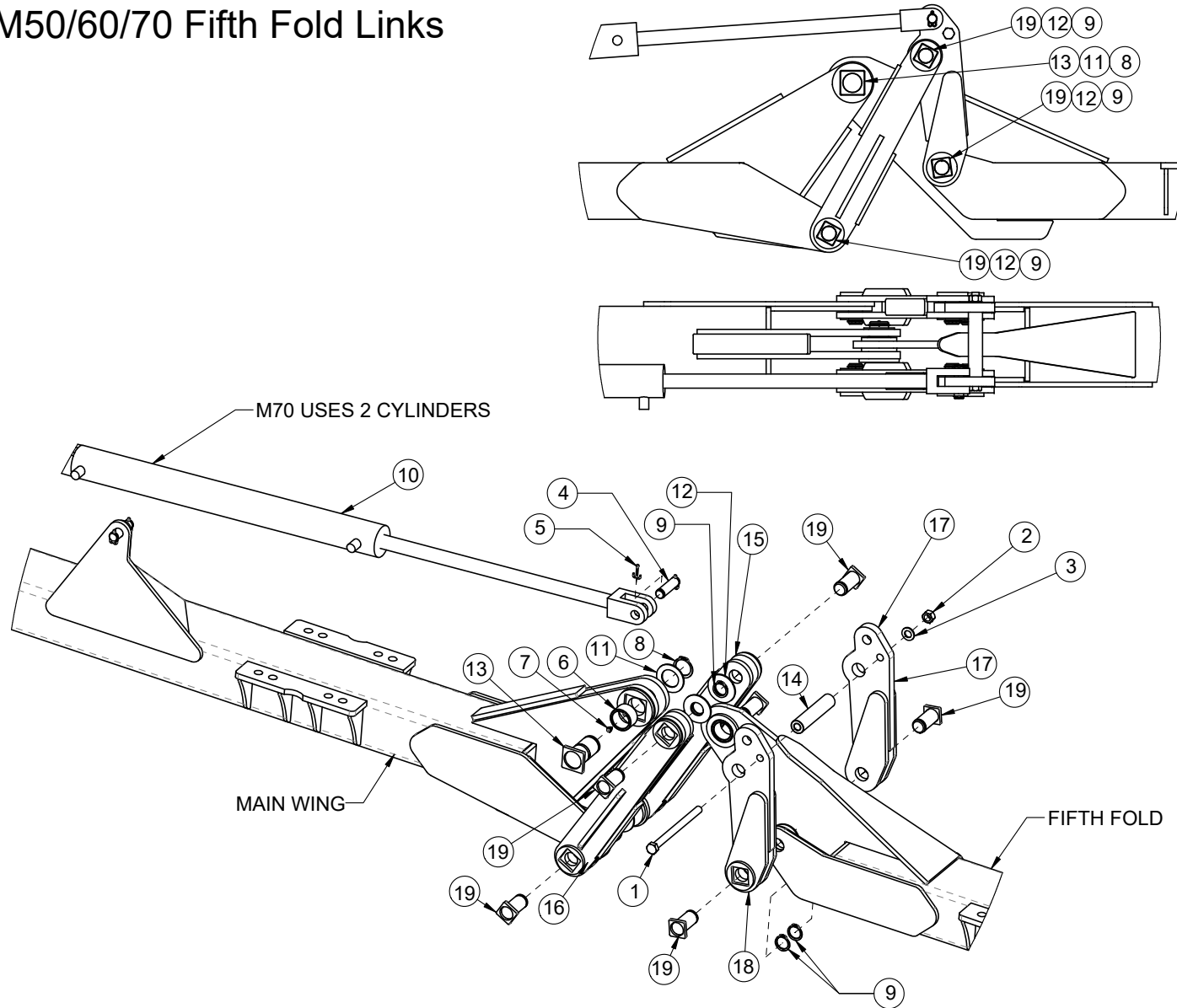
M80/90/100 Fifth Fold Links



M50/60/70 Fifth Fold Links

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	250060	BOLT, HEX 3/4 X 10 UNC GR5 PL				
2	1	250451	NUT, HEX 3/4 UNC GR5 PL				
3	1	250552	WASHER, FLAT 3/4IN GR8 PL				
4	2	250598	PIN, CYLINDER - 1 X 3 IN EFF. c/w CLIP PINS				
5	4	250610	PIN, COTTER 3/16 X 2 1/2 - BENT				
6	1	250612	BUSH, 2 1/2OD X 2ID X 1 1/2 IN - CONNEX				
7	1	250656	GREASE FITTING - STRAIGHT - 1/8 NPT				
8	1	250726	RETAINING RING EXTERNAL - HEAVY DUTY 1 IN				
9	6	250862	RETAINING RING EXTERNAL - HEAVY DUTY 1 1/2 IN				
10	1	258548	CYL, HYD 3 X 32 IN - 1-1/2" ROD WING LIFT				
11	1	407065	SHEET, 10GA - HINGE LINK WASHER - SS				
12	6	407066	SHEET, 10GA - 1-1/12 ID WASHER - SS				
13	1	407073	ASSY, HINGE PIN - 2 IN - PLT				
14	1	407105	BUSH, LINK SPACER 1 1/2 OD X .77ID X 7IN				
15	1	407519-2	ASSY, HINGE LINK - M70 - 21 1/2" - MAIN - LH - BLK				
16	1	407520-2	ASSY, HINGE LINK - M70 - MAIN - RH - BLK				
17	1	407524-2	WELD, HINGE LINK - 12 IN - RF/LR				
18	1	407525-2	WELD, HINGE LINK - 12 IN - RR/LF				
19	6	417235-1	ASSY, LINK PIN - 1 1/2" X 3 3/8				

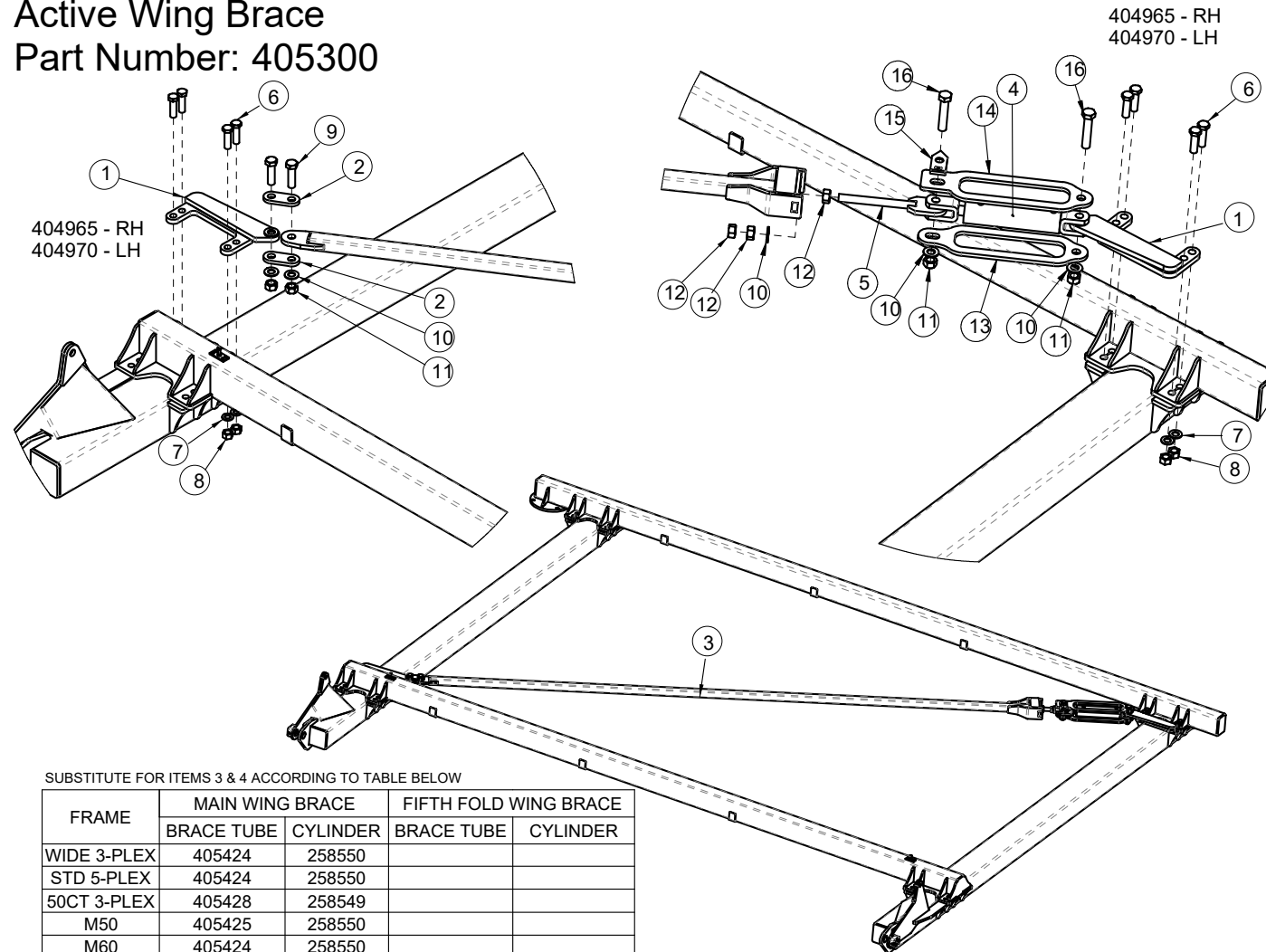
M50/60/70 Fifth Fold Links



Active Wing Brace

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	2	404965-3	ASSY, BOLT PLATE - RIGHT ADJUSTABLE ACTIVE WING BRACE - BLK				
2	2	404837	PLATE, LINK 1/2 IN - ACTIVE WING BRACE				
3	1	405428	WELD, ADJ ACTIVE WING BRACE - 178-1/8				
4	1	258550	CYL, HYD 2 1/2 X 8 IN				
5	1	404930	ASSY, LUG - ADJUSTABLE ACTIVE WING BRACE - PLATE				
6	8	250044	BOLT, HEX 7/8 X 3 IN UNC GR5 PL				
7	8	250553	WASHER, FLAT 7/8IN GR8 PL				
8	8	250452	NUT, HEX - 7/8 UNC PL				
9	2	250031	BOLT, HEX 1 X 3 1/2 IN GR5 PL				
10	5	250554	WASHER, FLAT - 1 IN GR8 PL				
11	4	250505	NUT, LOCK - 1 UNC - STOVER - PL				
12	3	250457	NUT, HEX 1 UNC GR5 PL				
13	1	404934	PLATE, LIMITER 1/2 IN - ACTIVE WING BRACE - BLK				
14	1	405315-1	PLATE, LIMITER 1/2 IN - ACTIVE WING BRACE WITH GAUGE - BLK				
15	1	405310-1	WELD, ARROW TAB - ADJ LIM. - AWB				
16	2	250120	BOLT, HEX 1 X 5 UNC GR5 PL				

Active Wing Brace Part Number: 405300

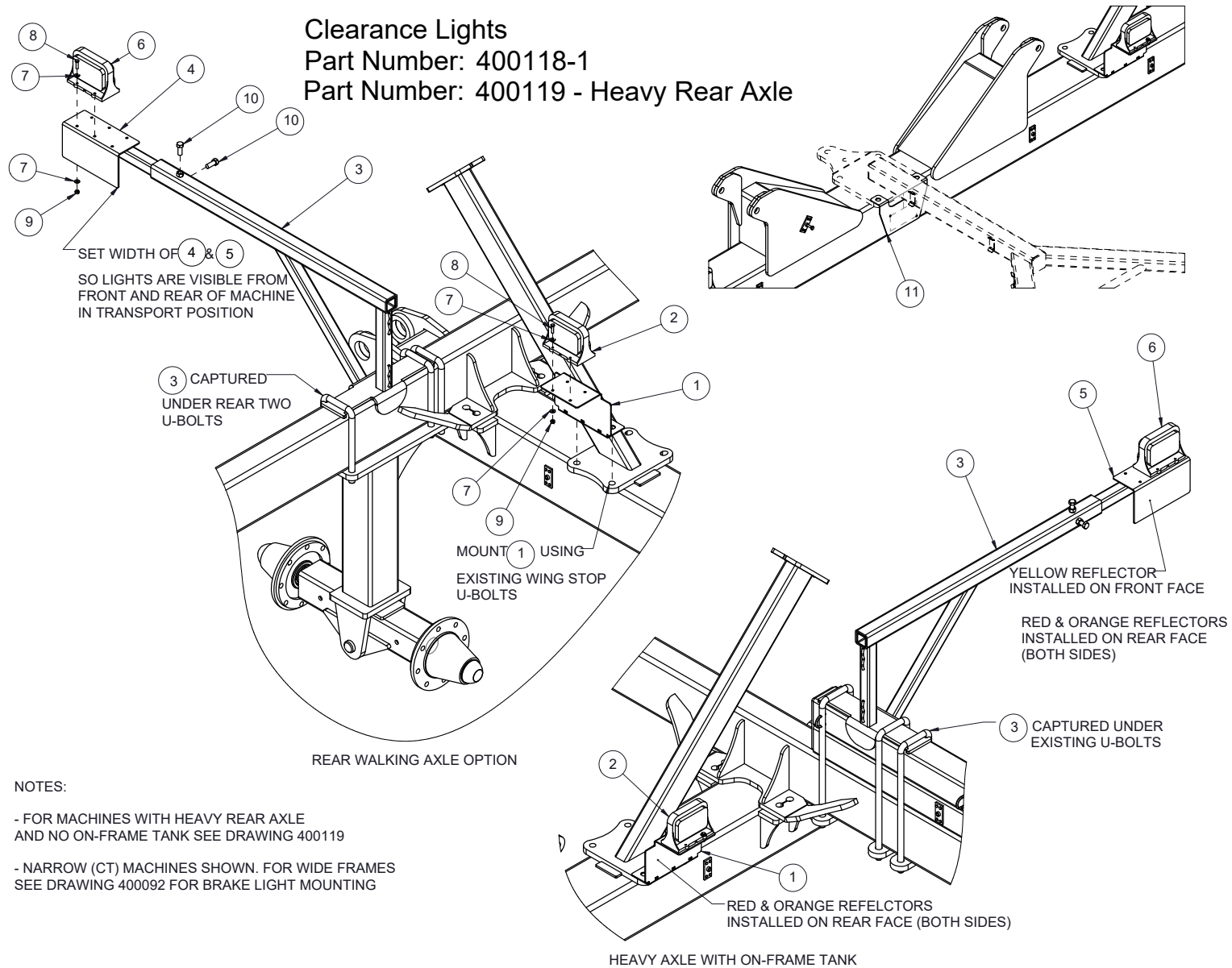


SUBSTITUTE FOR ITEMS 3 & 4 ACCORDING TO TABLE BELOW

FRAME	MAIN WING BRACE		FIFTH FOLD WING BRACE	
	BRACE TUBE	CYLINDER	BRACE TUBE	CYLINDER
WIDE 3-PLEX	405424	258550		
STD 5-PLEX	405424	258550		
50CT 3-PLEX	405428	258549		
M50	405425	258550		
M60	405424	258550		
M70	405426	258550		
M80CT	405428	258549	405425	258550
M80	405426	258550		
M90	405428	258549	405424	258550
M100	405429	258549	405427	258549

Clearance Lights - LED

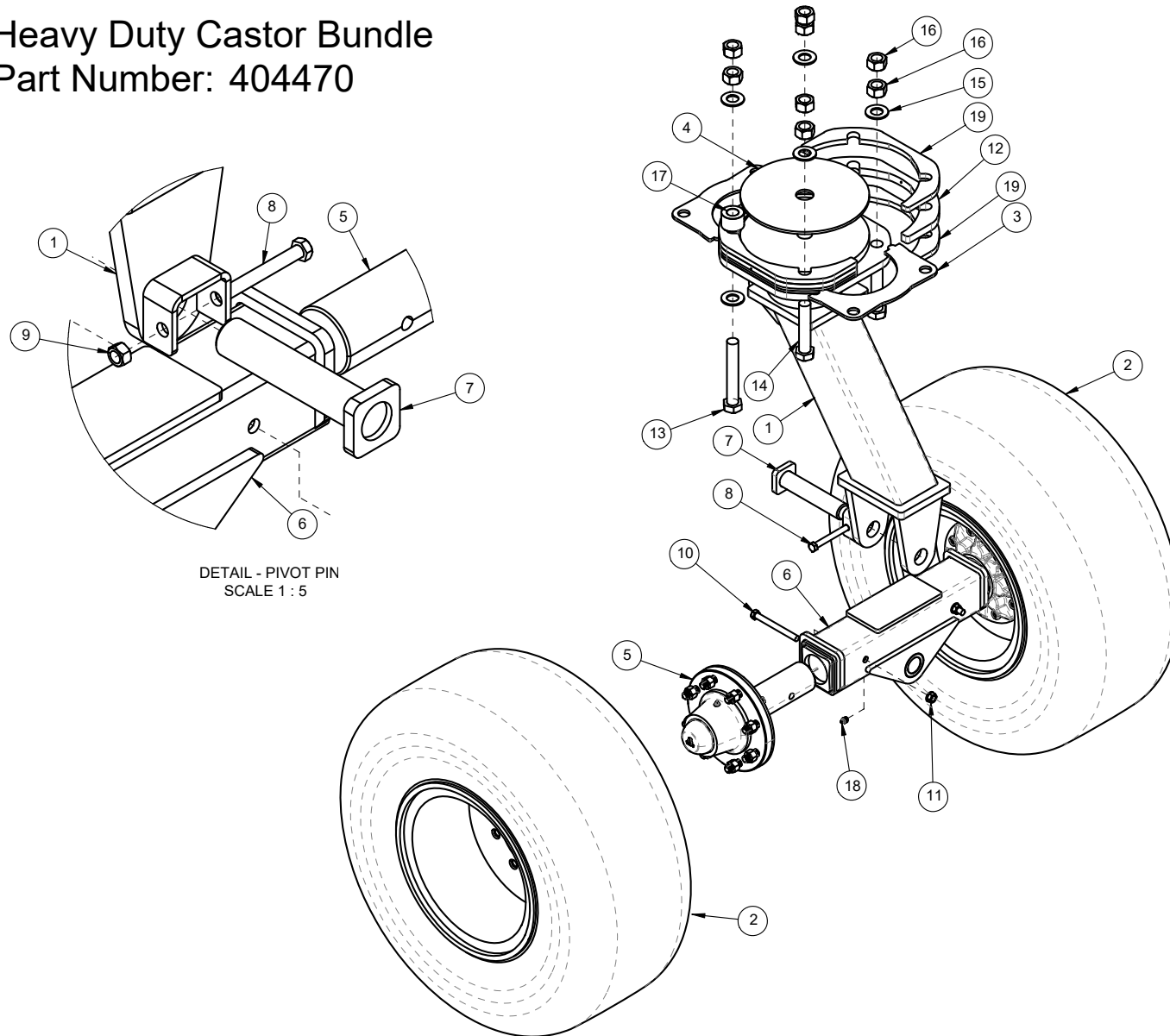
Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	2	400175-1	PLATE, FRMD 1/4 IN - BRACKET - TAIL LIGHT - BLK				
2	2	257304	LAMP - CLEARANCE - RED LED				
3	2	400187	WELD, MOUNT - SIGNAL LIGHT - BLK				
4	1	400184	WELD, EXTENSION - SIGNAL LIGHT - LEFT - BLK				
5	1	400177	WELD, EXTENSION - SIGNAL LIGHT - RIGHT - BLK				
6	2	257303	LAMP - CLEARANCE - AMBER LED				
7	32	250559	WASHER, FLAT - 1/4 IN PL				
8	16	250033	BOLT, HEX 1/4 X 1 IN GR5 PL				
9	16	250507	NUT, LOCK - 1/4 UNC - STOVER - PL				
10	4	250013	BOLT, HEX 1/2 X 1 1/4 IN GR5 PL				
11	1	401531	SHEET, FRMD - 10 GA - LIGHT ELECTRICAL BOX MOUNT				



Heavy Duty Dual Castor Bundle

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	405901-1	ASSY, DUAL CASTOR - WALKING - HEAVY - BLK				
2	2	255077	ASSY, TIRE - MAIN FRAME - 380-60R16.5				
3	2	405911	PAD, WEAR 1/4 IN - NYLON - HVY CASTER - BTM				
4	1	405910	PAD, WEAR 1/4 IN - NYLON - HVY CASTER - TOP				
5	2	252007	ASSY, HUB/SPINDLE W/ NUTS - H819 - 2 3/4 IN STRAIGHT SPINDLE				
6	1	404475	ASSY, SPINDLE HOLDER - WALKING AXLE - 2 1/8 IN - BLK				
7	1	404214-2	ASSY, PIVOT PIN WALKING AXLE - SEEDMASTER				
8	1	250577	BOLT, HEX 1/2 X 4 IN UNC GR5 PL				
9	1	250504	NUT, LOCK - 1/2 UNC - STOVER - PL				
10	2	250012	BOLT, HEX 1/2 X 5 IN GR5 PL				
11	2	250401	NUT, FLANGE - 1/2 UNC PL				
12	2	405915-1	PLATE, GREASE BLOCK - 3/4 IN - HEAVY CASTER				
13	2	250121	BOLT, HEX 1 X 6 1/2 UNC GR5 PL				
14	2	250120	BOLT, HEX 1 X 5 UNC GR5 PL				
15	8	250554	WASHER, FLAT - 1 IN GR8 PL				
16	8	250457	NUT, HEX 1 UNC GR5 PL				
17	2	405916	BUSH, 2 OD X 1.03125 ID X 1 3/8 IN - FRONT CASTER - PL				
18	1	250656	GREASE FITTING - STRAIGHT - 1/8 NPT				
19	4	405922	GASKET, FOAM - 1/2 IN - GREASE BLOCK - HVY CASTOR				

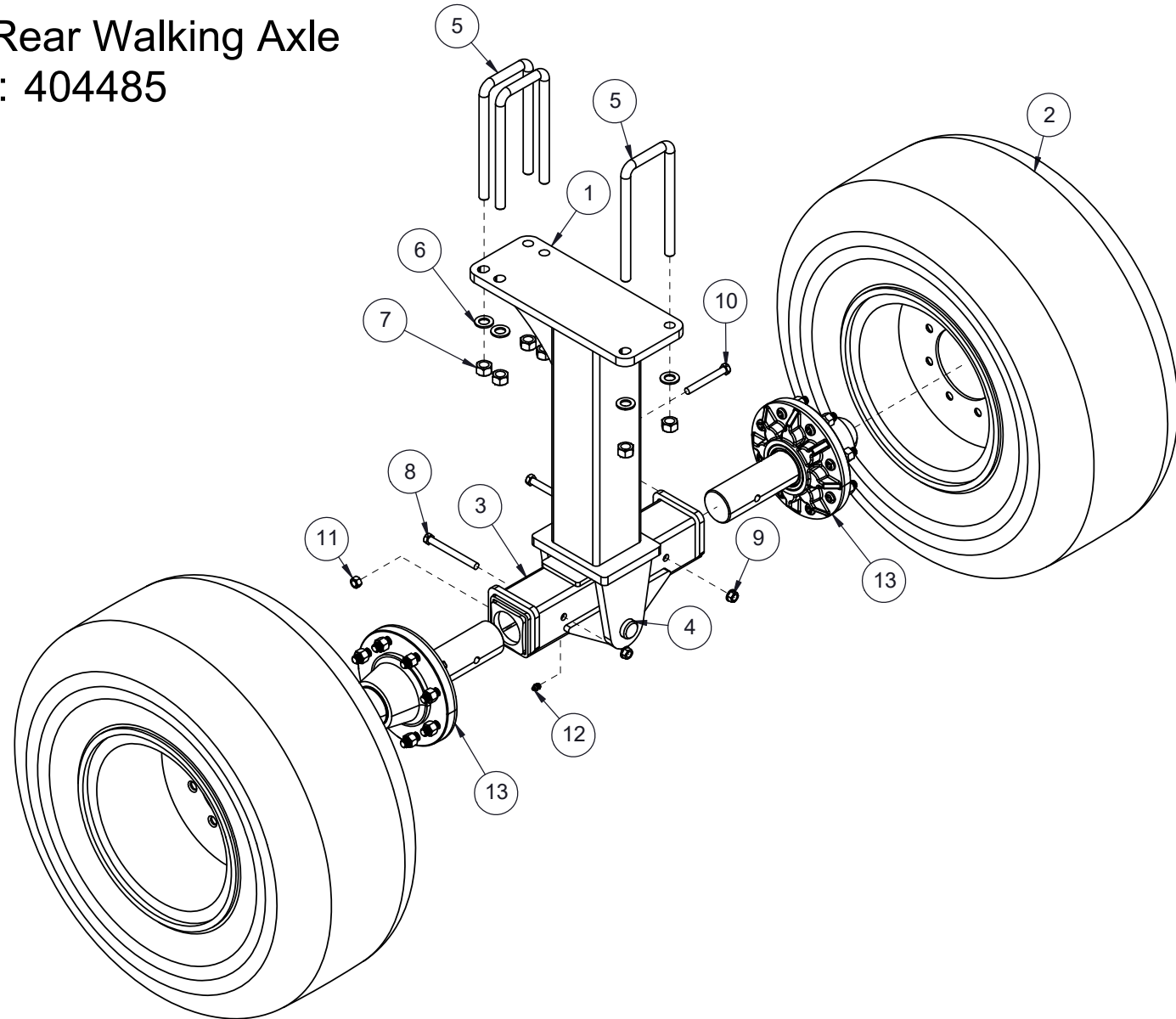
Heavy Duty Castor Bundle Part Number: 404470



Rear Walking Axle Heavy Duty - Main Frame

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	404221-3	ASSY, REAR AXLE - DUAL - 12.5L15 - BLK				
2	2	255077	ASSY, TIRE - MAIN FRAME - 380-60R16.5				
3	1	404475	ASSY, SPINDLE HOLDER - WALKING AXLE - 2 1/8 IN - BLK				
4	1	404214-2	ASSY, PIVOT PIN WALKING AXLE - SEEDMASTER				
5	3	250206	BOLT, U-SQ - 3/4 UNC X 4 ID X 10 IN - 2 IN THD - GR8 PL				
6	6	250552	WASHER, FLAT 3/4IN GR8 PL				
7	6	250451	NUT, HEX 3/4 UNC GR5 PL				
8	2	250012	BOLT, HEX 1/2 X 5 IN GR5 PL				
9	2	250401	NUT, FLANGE - 1/2 UNC PL				
10	1	250577	BOLT, HEX 1/2 X 4 IN UNC GR5 PL				
11	1	250504	NUT, LOCK - 1/2 UNC - STOVER - PL				
12	1	250656	GREASE FITTING - STRAIGHT - 1/8 NPT				
13	2	252007	ASSY, HUB/SPINDLE W/ NUTS - H819 - 2 3/4 IN STRAIGHT SPINDLE				

Heavy Duty Rear Walking Axle Part Number: 404485

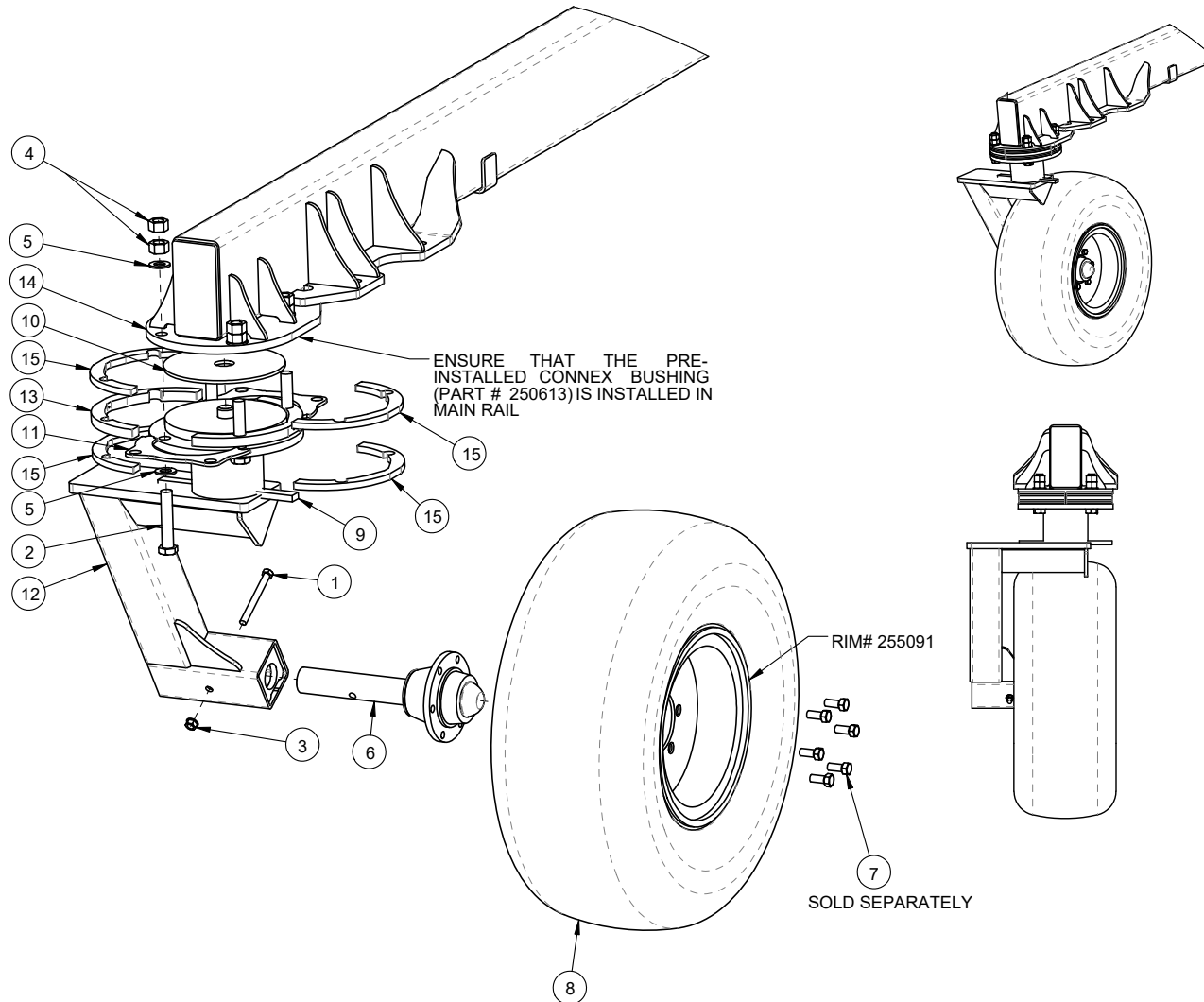


Single Castor Assembly

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	250012	BOLT, HEX 1/2 X 5 IN GR5 PL				
2	4	250029	BOLT, HEX 7/8 X 4 1/2 UNC GR5 PL				
3	1	250401	NUT, FLANGE - 1/2 UNC PL				
4	8	250452	NUT, HEX - 7/8 UNC PL				
5	8	250553	WASHER, FLAT 7/8IN GR8 PL				
6	1	252000	ASSY, HUB/SPINDLE - H614 - 2 IN STRAIGHT SPINDLE				
7	6	253010	BOLT, WHEEL - HA614 HUB - WB17				
8	1	255075	ASSY, TIRE - 12.5L15 - 8 PLY - 6 BOLT - 1.12 POS. OFF				
9	1	256576	CELLTITE SPONGE - 1/2 X 1 IN - A/B				
10	1	400280-2	PAD, WEAR 1/4 IN - NYLON - TOP				
11	2	400281-2	PAD, WEAR 1/4 IN - NYLON - BTM				
12	1	400286-4	ASSY, SINGLE CASTOR - SEED MASTER - BLK				
13	2	405917	BDL, GREASE PLATE C/W FITTING - CASTOR				
14	1	400390-8	ASSY, RAIL - HVY MAIN FRM - BLK				
15	4	405921	GASKET, FOAM - 1/2 IN - GREASE BLOCK - CASTOR				

Single Castor Assembly

Part Number: 400285-3

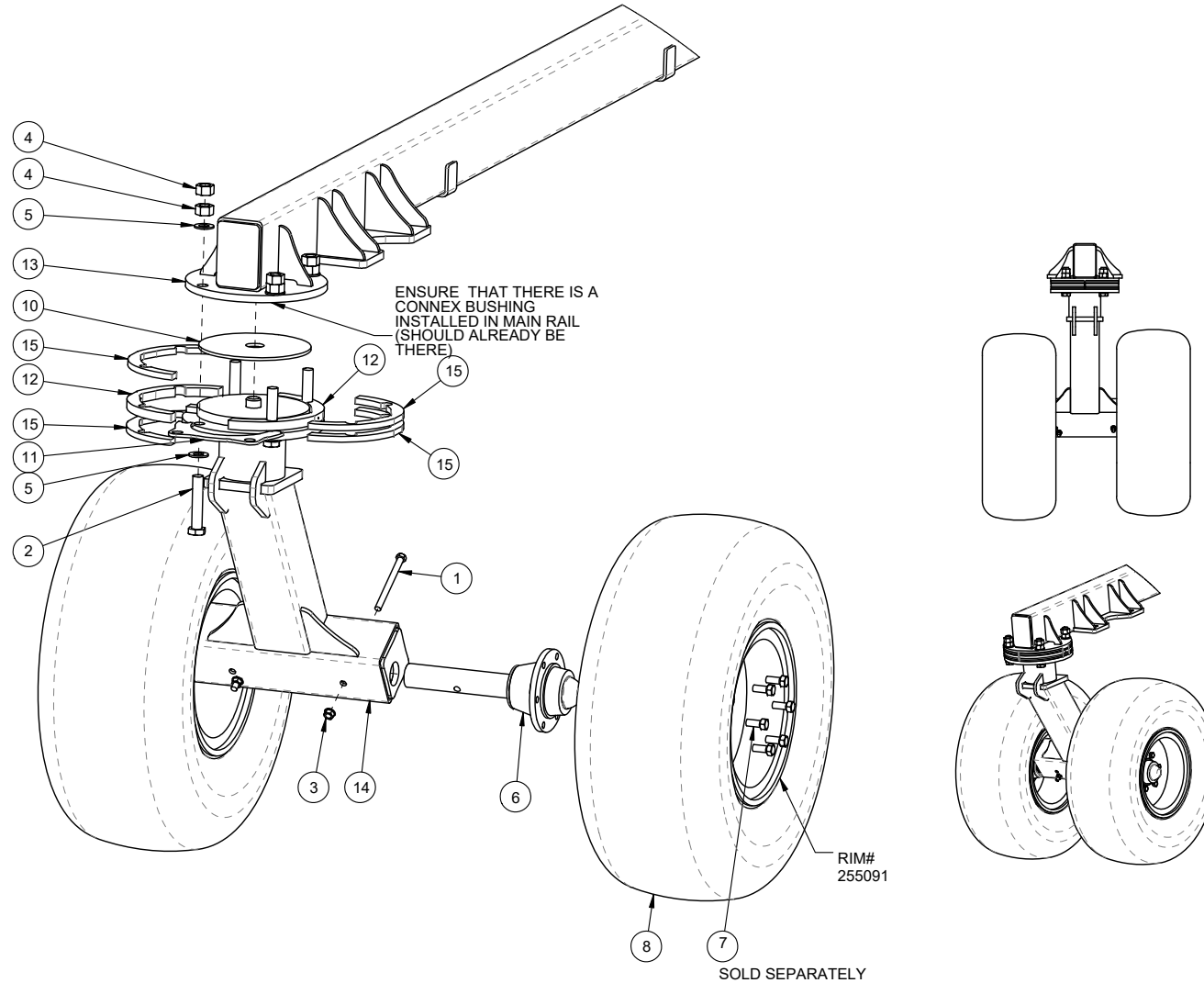


Dual Wing Castor Assembly

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	2	250011	BOLT, HEX 1/2 X 6 IN GR5 PL				
2	4	250029	BOLT, HEX 7/8 X 4 1/2 UNC GR5 PL				
3	2	250401	NUT, FLANGE - 1/2 UNC PL				
4	8	250452	NUT, HEX - 7/8 UNC PL				
5	8	250553	WASHER, FLAT 7/8IN GR8 PL				
6	2	252000	ASSY, HUB/SPINDLE - H614 - 2 IN STRAIGHT SPINDLE				
7	12	253010	BOLT, WHEEL - HA614 HUB - WB17				
8	2	255075	ASSY, TIRE - 12.5L15 - 8 PLY - 6 BOLT - 1.12 POS. OFF				
9	1	256576	CELLTITE SPONGE - 1/2 X 1 IN - A/B				
10	1	400280-2	PAD, WEAR 1/4 IN - NYLON - TOP				
11	2	400281-2	PAD, WEAR 1/4 IN - NYLON - BTM				
12	2	405917	BDL, GREASE PLATE C/W FITTING - CASTOR				
13	1	400410-3	ASSY, WING RAIL - OUTSIDE - BLK				
14	1	404241-1	ASSY, DUAL WING CASTOR - 12.5L16 - BLK				
15	4	405921	GASKET, FOAM - 1/2 IN - GREASE BLOCK - CASTOR				

Dual Wing Castor Assembly

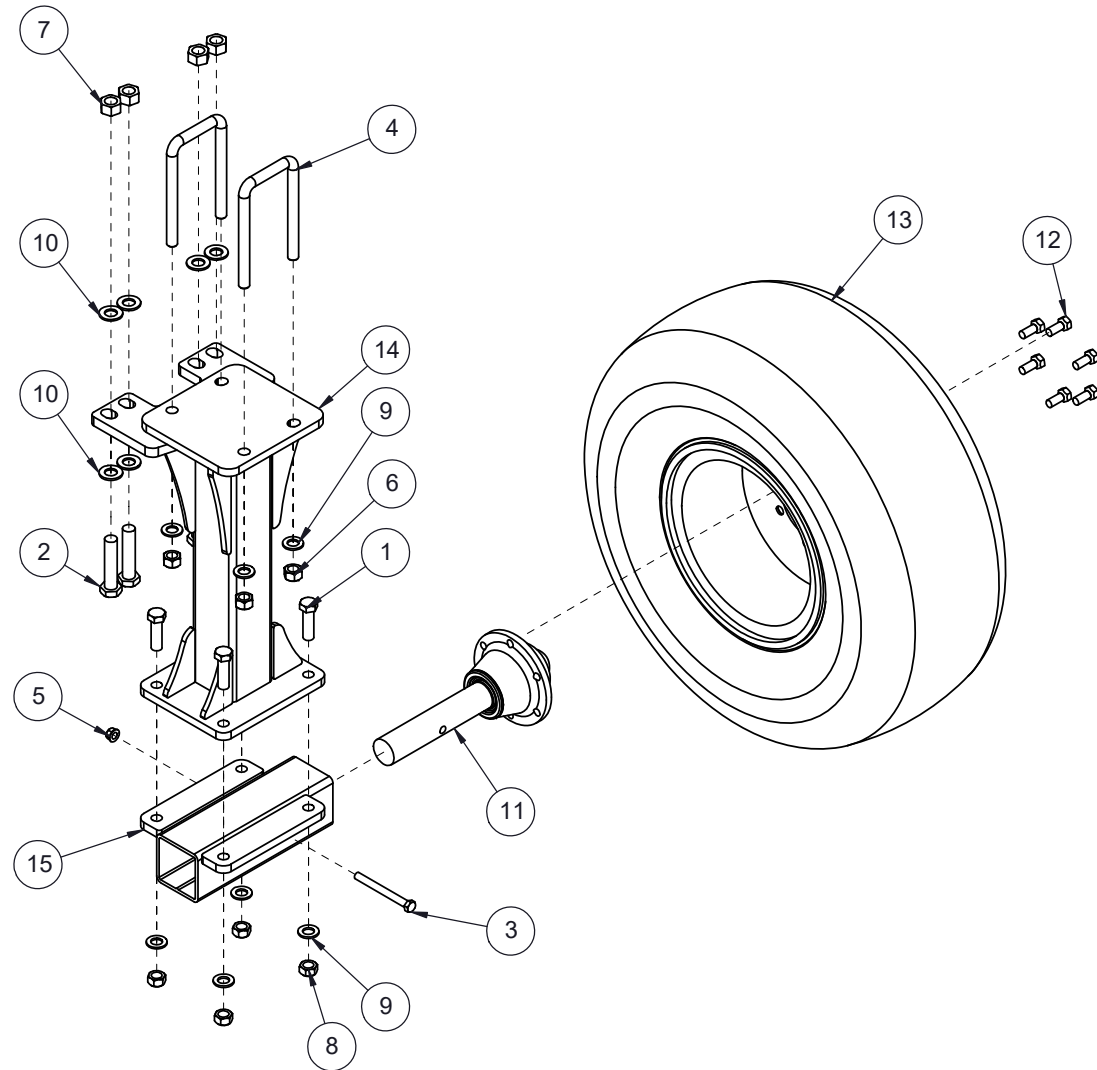
Part Number: 404240-1



Rear Wing Axle

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	4	250003	BOLT, HEX 3/4 X 2 1/2 UNC GR5 PL				
2	4	250008	BOLT, HEX 7/8 X 4 UNC GR5 PL				
3	1	250012	BOLT, HEX 1/2 X 5 IN GR5 PL				
4	2	250204	BOLT, U-SQ - 3/4 UNC X 4 ID X 8 IN -2 IN THD - GR8 PL				
5	1	250401	NUT, FLANGE - 1/2 UNC PL				
6	4	250451	NUT, HEX 3/4 UNC GR5 PL				
7	4	250452	NUT, HEX - 7/8 UNC PL				
8	4	250501	NUT, LOCK - 3/4 UNC - STOVER - GR.C - PL				
9	8	250552	WASHER, FLAT 3/4IN GR8 PL				
10	8	250553	WASHER, FLAT 7/8IN GR8 PL				
11	1	252000	ASSY, HUB/SPINDLE - H614 - 2 IN STRAIGHT SPINDLE				
12	6	253010	BOLT, WHEEL - HA614 HUB - WB17				
13	1	255075	ASSY, TIRE - 12.5L15 - 8 PLY - 6 BOLT - 1.12 POS. OFF				
14	1	405381	WLDT, REAR WING WHEEL - UPPER WLDT				
15	1	405388	WELD, REAR WING WHEEL - SINGLE SPINDLE MOUNT				

Rear Wing Axle Part Number: 405391



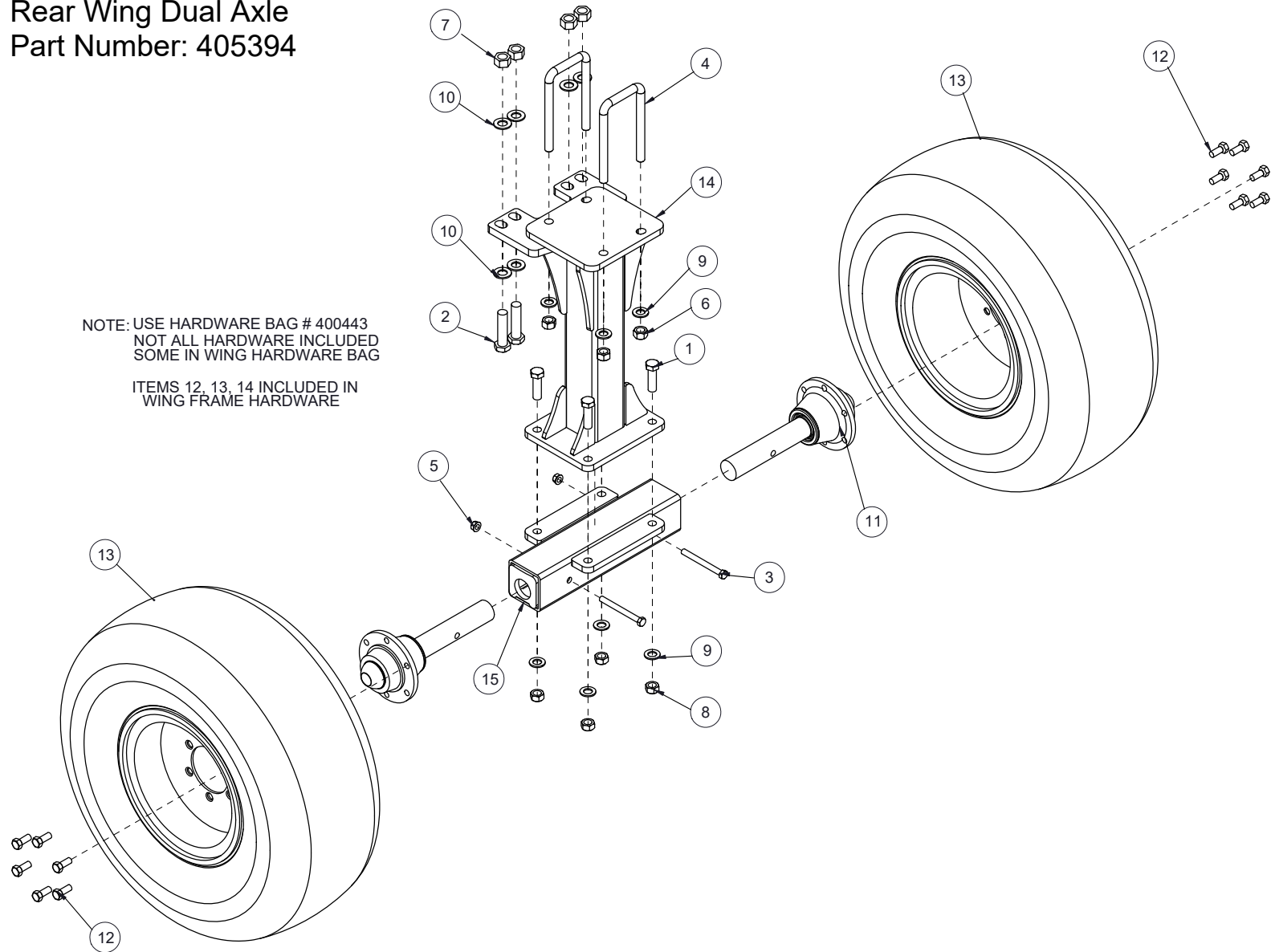
Rear Wing Dual Axle

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	4	250003	BOLT, HEX 3/4 X 2 1/2 UNC GR5 PL				
2	4	250010	BOLT, HEX 7/8 X 3 1/2 UNC GR5 PL				
3	2	250012	BOLT, HEX 1/2 X 5 IN GR5 PL				
4	2	250204	BOLT, U-SQ - 3/4 UNC X 4 ID X 8 IN -2 IN THD - GR8 PL				
5	2	250401	NUT, FLANGE - 1/2 UNC PL				
6	4	250451	NUT, HEX 3/4 UNC GR5 PL				
7	4	250452	NUT, HEX - 7/8 UNC PL				
8	4	250501	NUT, LOCK - 3/4 UNC - STOVER - GR.C - PL				
9	8	250552	WASHER, FLAT 3/4IN GR8 PL				
10	8	250553	WASHER, FLAT 7/8IN GR8 PL				
11	2	252000	ASSY, HUB/SPINDLE - H614 - 2 IN STRAIGHT SPINDLE				
12	12	253010	BOLT, WHEEL - HA614 HUB - WB17				
13	2	255075	ASSY, TIRE - 12.5L15 - 8 PLY - 6 BOLT - 1.12 POS. OFF				
14	1	405381	WLDT, REAR WING WHEEL - UPPER WLDT				
15	1	405392	WELD. REAR WING WHEEL - DUAL SPINDLE MOUNT				

Rear Wing Dual Axle Part Number: 405394

NOTE: USE HARDWARE BAG # 400443
NOT ALL HARDWARE INCLUDED
SOME IN WING HARDWARE BAG

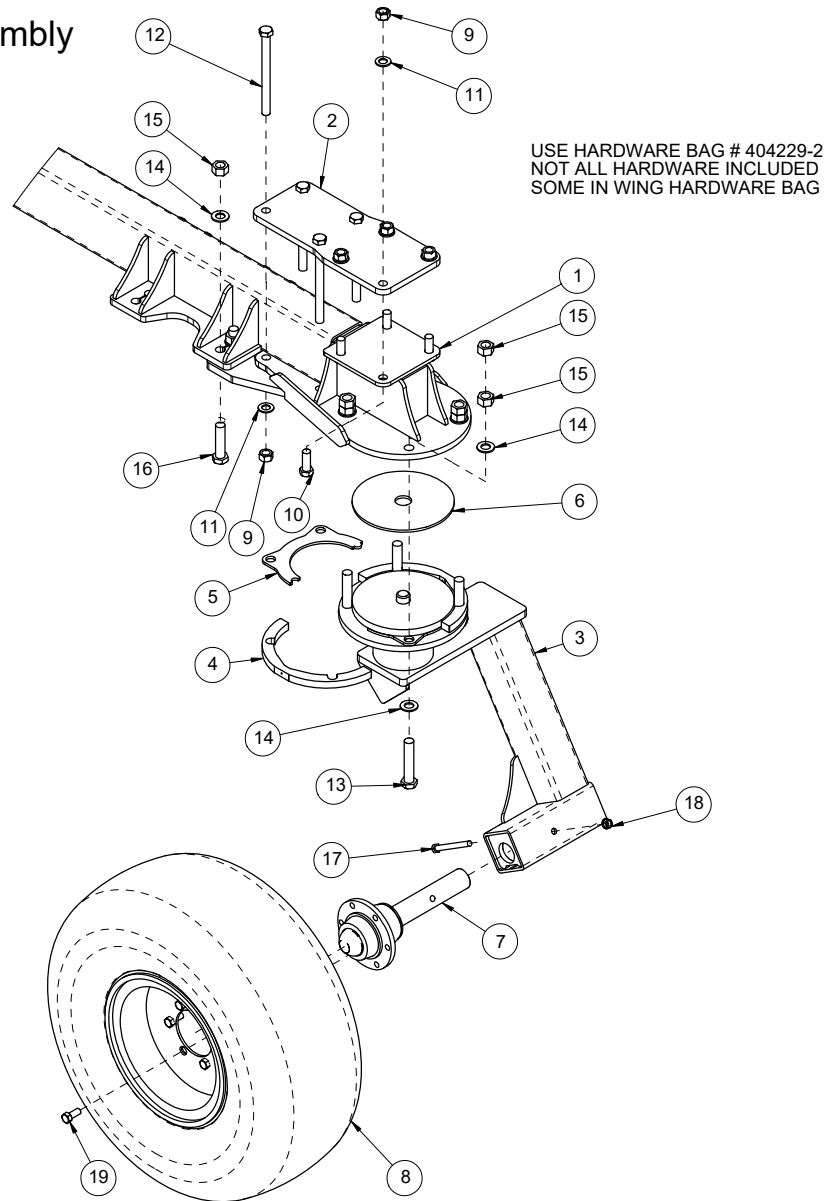
ITEMS 12, 13, 14 INCLUDED IN
WING FRAME HARDWARE



Rear Wing Castor Assembly

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	404292	ASSY, CASTOR MOUNT - REAR WING				
2	1	404197	PLATE, BOLT 5/8 IN - REAR WING CASTOR TOP PLATE				
3	1	404308	ASSY, SINGLE CASTOR - SEED MASTER				
4	2	400317-2	PLATE, GREASE BLOCK - 3/4 IN - CASTOR				
5	2	400281-2	PAD, WEAR 1/4 IN - NYLON - BTM				
6	1	400280-2	PAD, WEAR 1/4 IN - NYLON - TOP				
7	1	252000	ASSY, HUB/SPINDLE - H614 - 2 IN STRAIGHT SPINDLE				
8	1	255075	ASSY, TIRE - 12.5L15 - 8 PLY - 6 BOLT - 1.12 POS. OFF				
9	8	250451	NUT, HEX 3/4 UNC GR5 PL				
10	4	250014	BOLT, HEX 3/4 X 2 UNC GR5 PL				
11	8	250552	WASHER, FLAT 3/4IN GR8 PL				
12	4	250076	BOLT, HEX 3/4 X 9 UNC GR5 PL				
13	4	250029	BOLT, HEX 7/8 X 4 1/2 UNC GR5 PL				
14	12	250553	WASHER, FLAT 7/8IN GR8 PL				
15	12	250452	NUT, HEX - 7/8 UNC PL				
16	4	250010	BOLT, HEX 7/8 X 3 1/2 UNC GR5 PL				
17	1	250012	BOLT, HEX 1/2 X 5 IN GR5 PL				
18	1	250401	NUT, FLANGE - 1/2 UNC PL				
19	6	253010	BOLT, WHEEL - HA614 HUB - WB17				

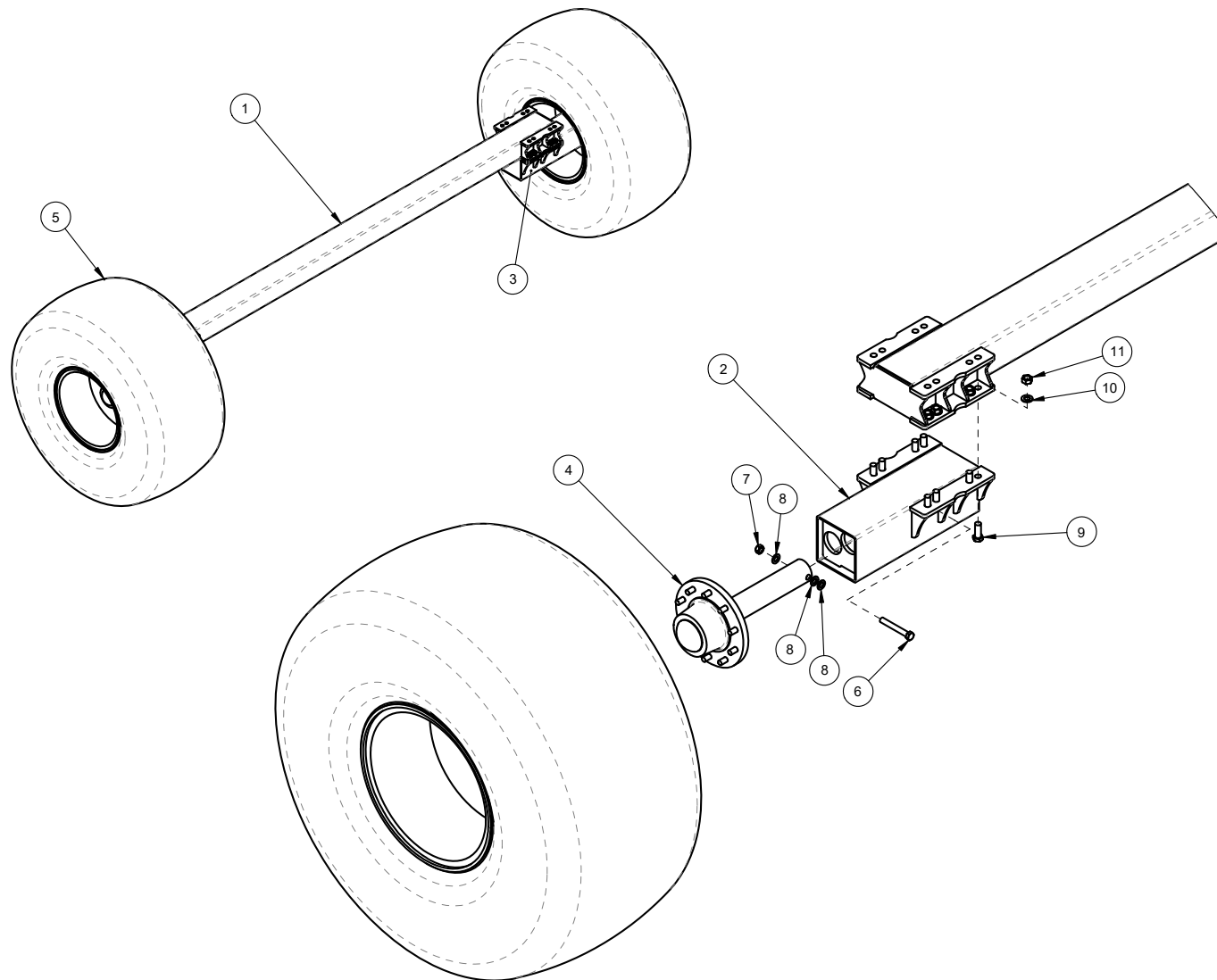
Rear Wing Castor Assembly
Part Number: 405394



Rear Axle - Single 750/65R26

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	407079	WELD, REAR HITCH BEAM - M80 - BLK				
2	1	400702	ASSY, LH REAR AXLE BOLT ON - SINGLE - BLK				
3	1	400703	ASSY, RH REAR AXLE BOLT ON - SINGLE - BLK				
4	2	252003	ASSY, HUB/SPINDLE W/NUTS - H1010 - 3 1/2IN STRAIGHT				
5	2	255078	ASSY, TIRE - 750/65R26 - RADIAL - 158A8 - 10 BOLT RIM				
6	2	250005	BOLT, HEX 3/4 X 5 1/2 UNC GR5 PL				
7	2	250501	NUT, LOCK - 3/4 UNC - STOVER - GR.C - PL				
8	6	250552	WASHER, FLAT 3/4IN GR8 PL				
9	16	250006	BOLT, HEX 7/8 X 2 1/4 UNC GR5 PL				
10	16	250553	WASHER, FLAT 7/8IN GR8 PL				
11	16	250452	NUT, HEX - 7/8 UNC PL				

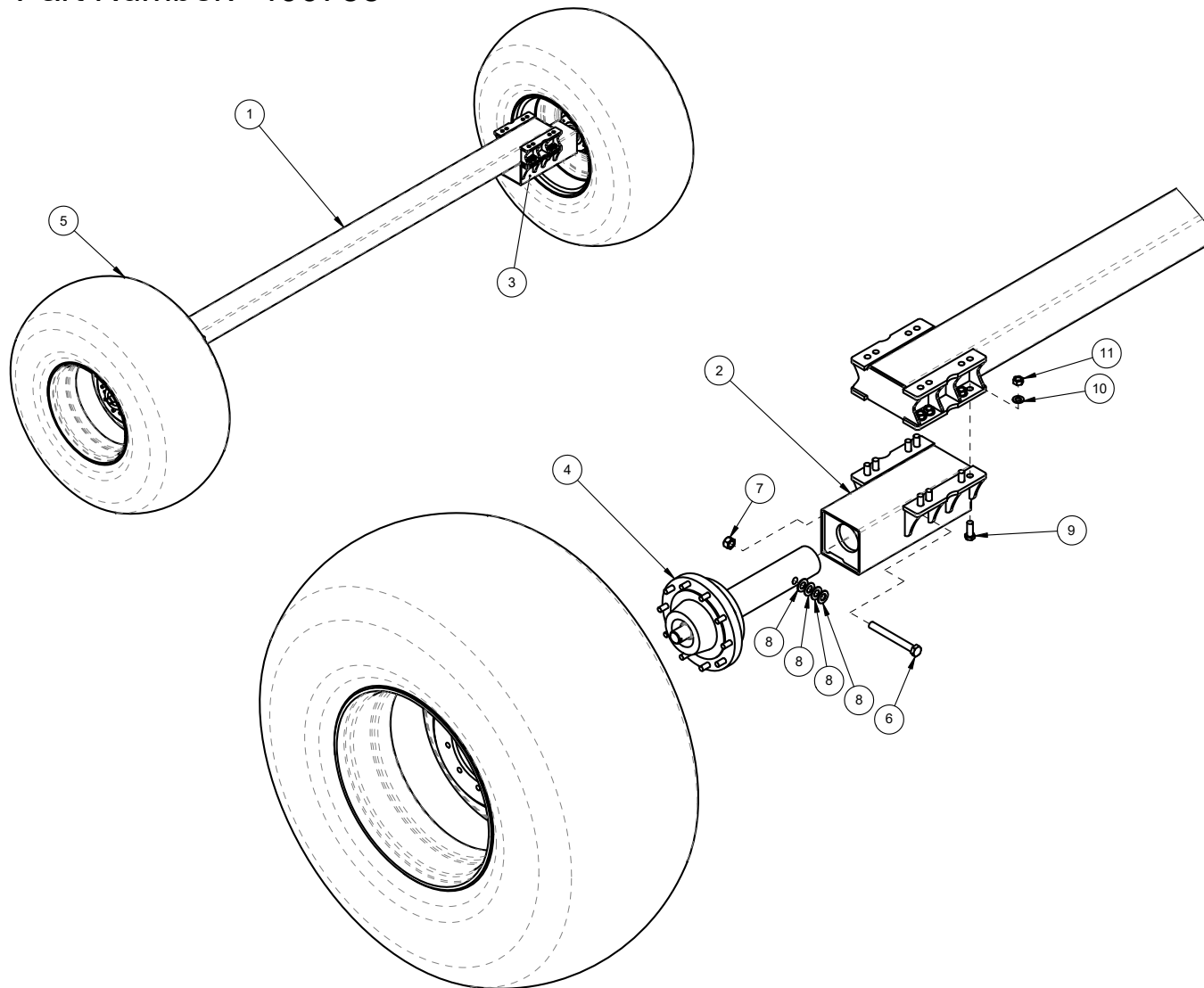
Rear Axle - Single 750/65R26
Part Number: 404267



Rear Axle - Single 800/65R32

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	407079	WELD, REAR HITCH BEAM - M80 - BLK				
2	1	400759	ASSY, LH REAR AXLE BOLT ON - SINGLE - BLK				
3	1	400756	ASSY, RH REAR AXLE BOLT ON - SINGLE - BLK				
4	2	252004	ASSY, HUB/SPINDLE-H1020-4 1/2IN STRAIGHT SPINDLE				
5	2	255084	ASSY, TIRE - 800/65R32 DYNA TORQUE RADIAL - 172A8				
6	2	250075	BOLT, HEX 1 X 9 UNC GR5 PL				
7	2	250505	NUT, LOCK - 1 UNC - STOVER - PL				
8	7	250554	WASHER, FLAT - 1 IN GR8 PL				
9	16	250006	BOLT, HEX 7/8 X 2 1/4 UNC GR5 PL				
10	16	250553	WASHER, FLAT 7/8IN GR8 PL				
11	16	250452	NUT, HEX - 7/8 UNC PL				

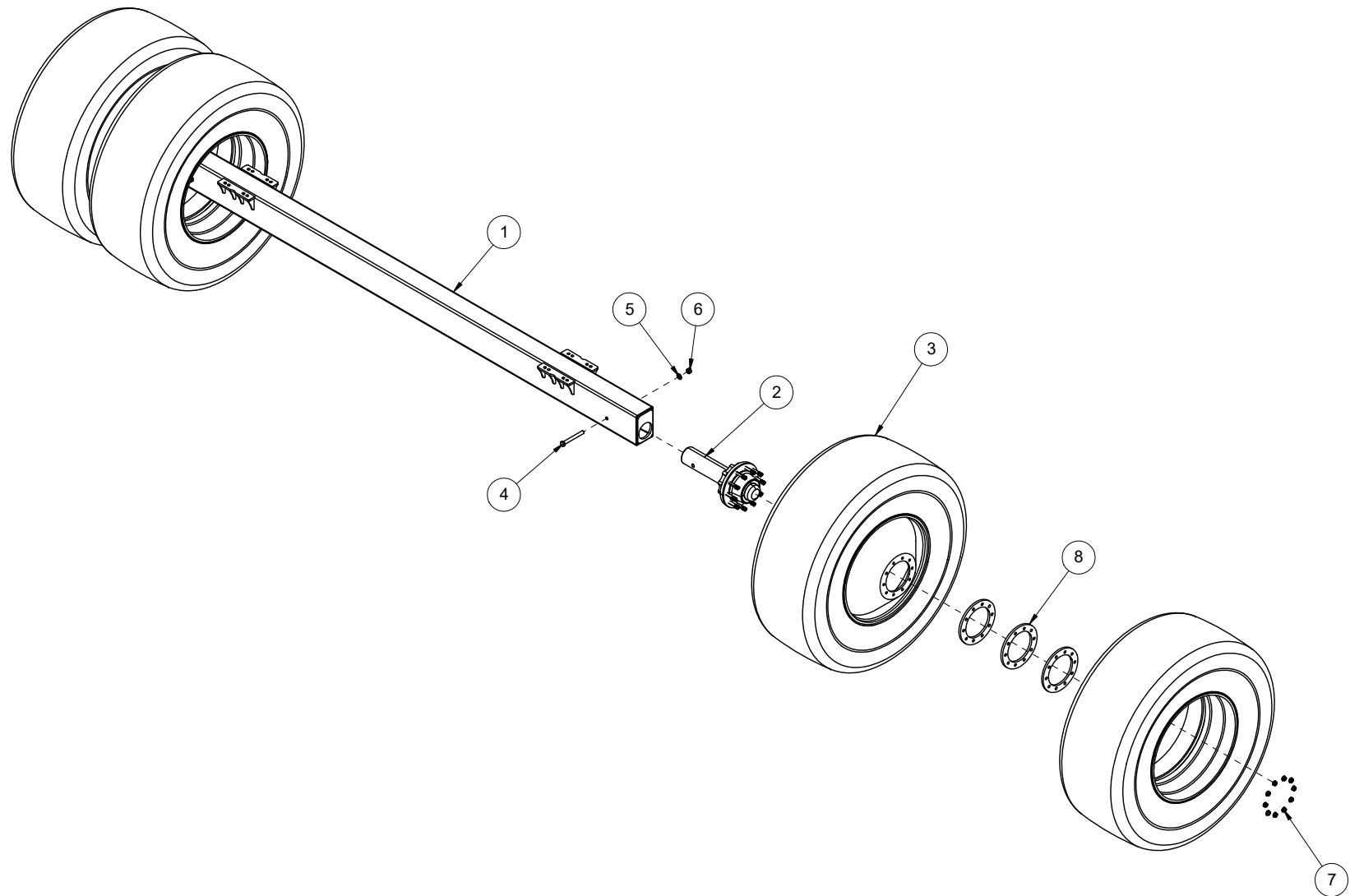
Rear Axle - Single 800/65R32
Part Number: 400755



Rear Axle - Dual 710/70R38

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	405991	ASSY, REAR AXLE - SXG555 - DUAL 710/70R38 - BLK				
2	2	252005	ASSY, HUB/SPINDLE - H1030 - 6 IN STRAIGHT SPINDLE				
3	4	255086-2	ASSY, TIRE - 710/70R38 - 177A8 R1W - DUAL RIM				
4	2	250954	BOLT, HEX - 1 X 9 1/2 UNC GR5 PL				
5	2	250554	WASHER, FLAT - 1 IN GR8 PL				
6	2	250505	NUT, LOCK - 1 UNC - STOVER - PL				
7	20	253041	NUT, WHEEL - 7/8 UNF FLANGE				
8	6	500144	PLATE, 3/4 IN - WHEEL CLAMP - 10 BOLT - PLATED				

Rear Axle - Dual 710/70R38
Part Number: 405990

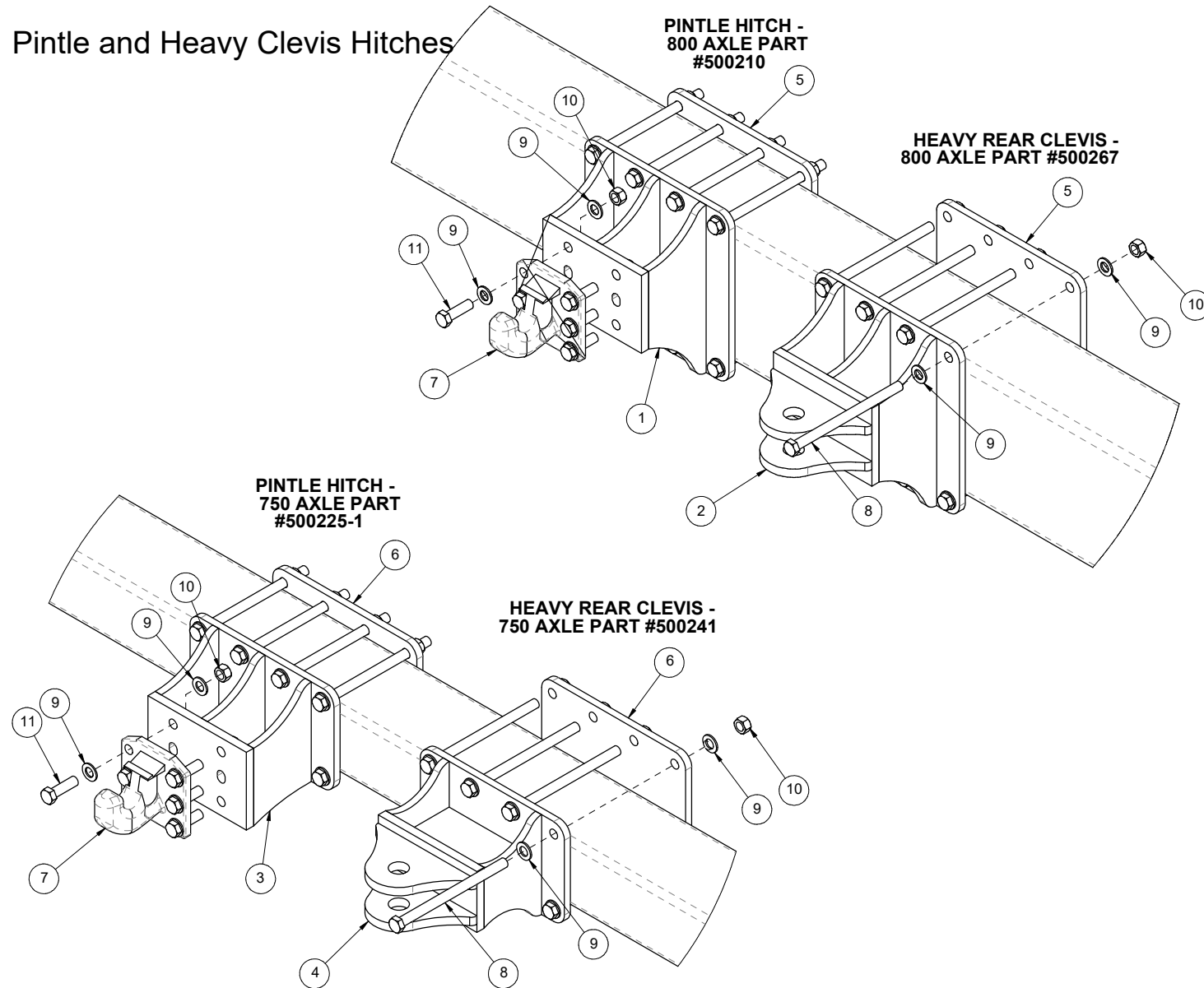


Rear Axle - Dual 710/70R38

Pintle and Heavy Clevis Hitches

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	500211-1	ASSY, PINTLE HITCH MNT - DRILL REAR AXLE - NOVA - BLK				
2	1	500265	ASSY, HEAVY REAR CLEVIS - 800 AXLE - BLK				
3	1	500226-1	ASSY, PINTLE HITCH MNT - DRILL REAR 750 AXLE - NOVA - BLK				
4	1	500242	ASSY, HEAVY REAR CLEVIS - 750 AXLE - BLK				
5	2	500216	PLATE, BOLT 5/8 IN - MAIN - DRILL HITCH - NOVA - BLK				
6	2	500217-1	PLATE, BOLT 5/8 IN - CLAMP - PINTLE HITCH - 750 AXLE - NOVA - BLK				
7	2	254512	PINTLE HOOK - HOLLAND - PH-410-RN11				
8	32	250089	BOLT, HEX 3/4 X 10 UNC GR5 PL				
9	88	250552	WASHER, FLAT 3/4IN GR8 PL				
10	44	250451	NUT, HEX 3/4 UNC GR5 PL				
11	12	250003	BOLT, HEX 3/4 X 2 1/2 UNC GR5 PL				

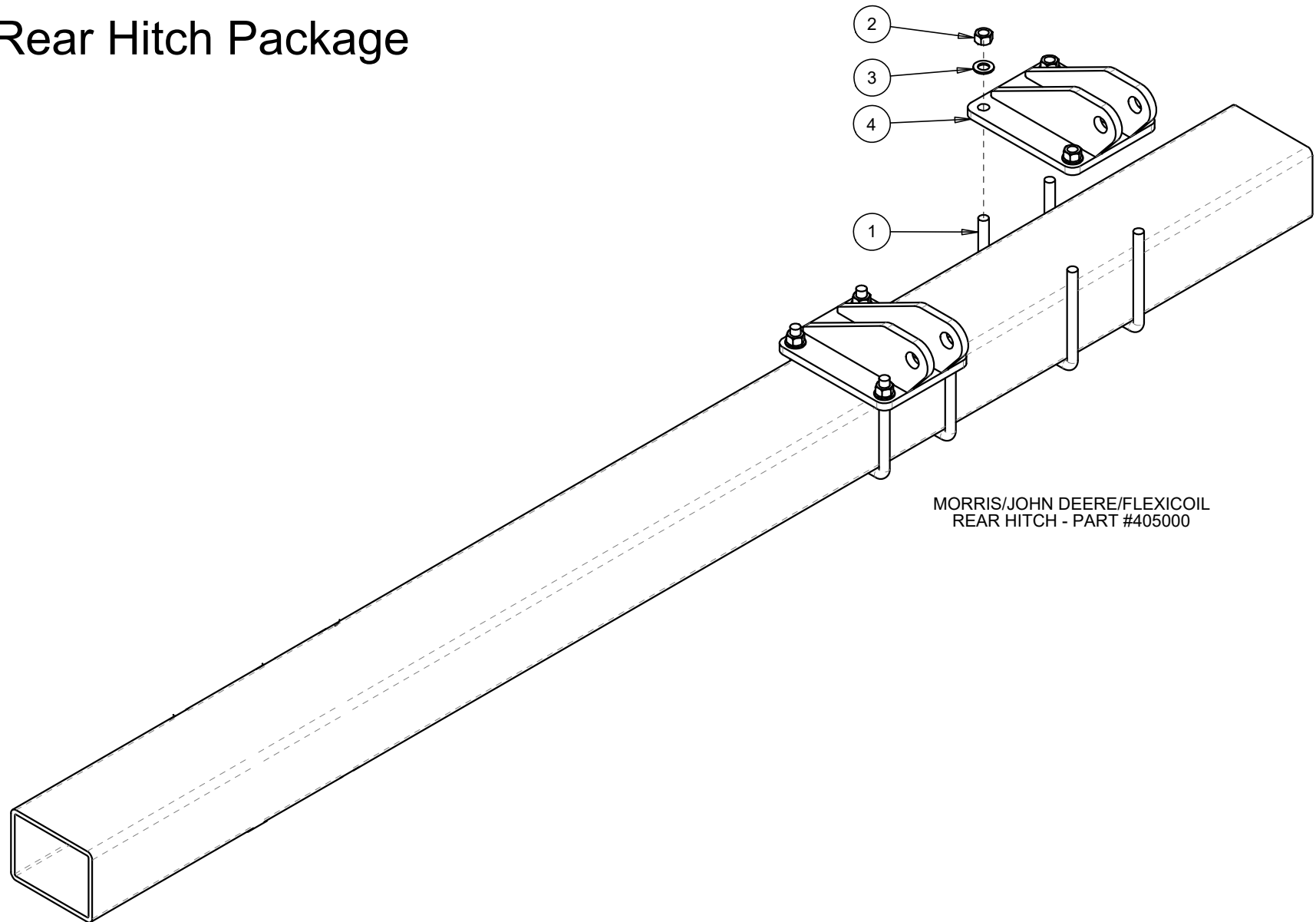
Pintle and Heavy Clevis Hitches



Rear Hitch Package

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	2	250202	BOLT, U-SQ - 3/4 UNC X 8 ID X 8 IN - 2 IN THD - GR8 PL				
2	4	250451	NUT, HEX 3/4 UNC GR5 PL				
3	4	250552	WASHER, FLAT 3/4IN GR8 PL				
4	1	405001-2	ASSY, REAR HITCH - MORRIS - BLK				

Rear Hitch Package



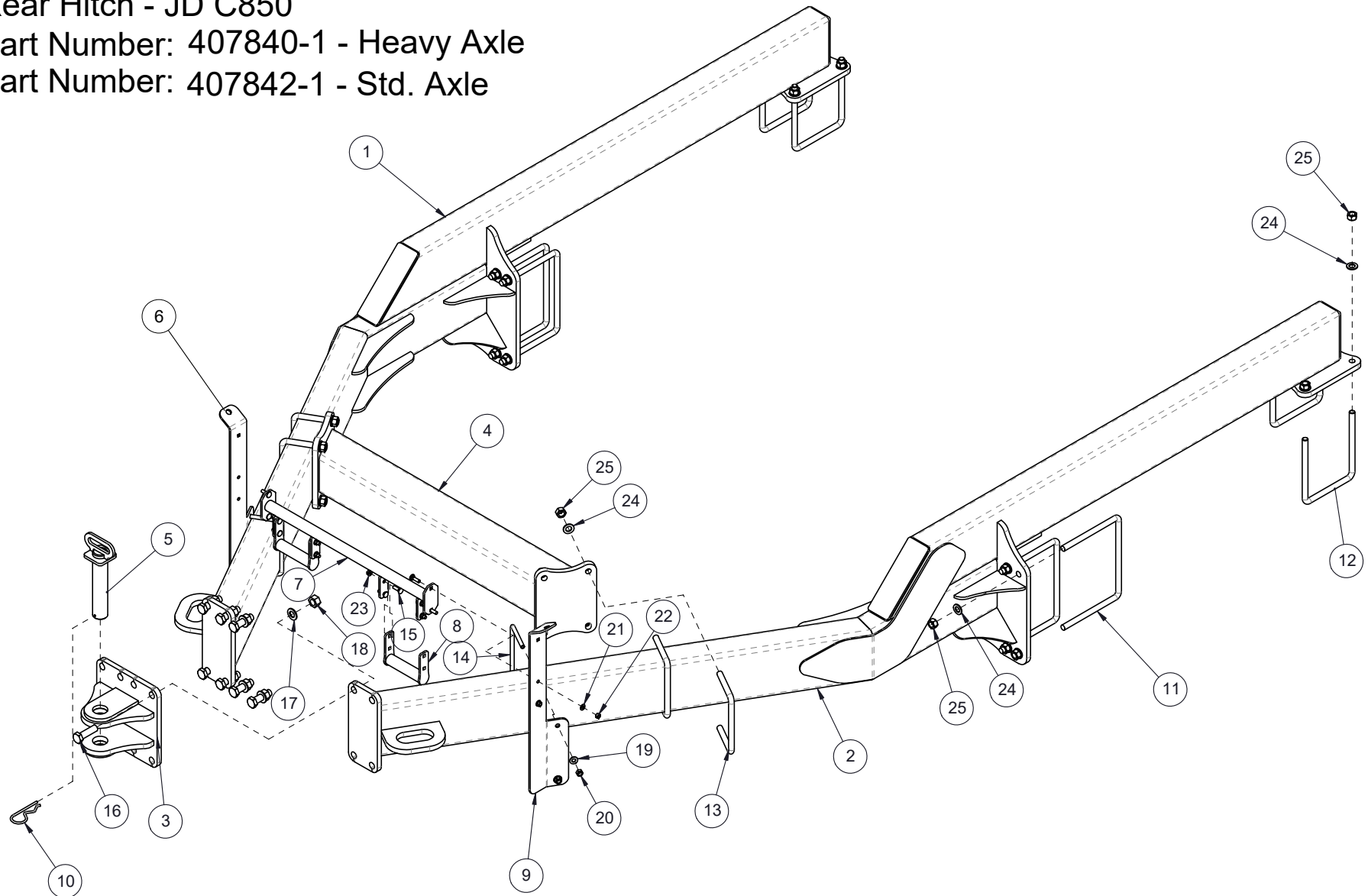
Rear Hitch - JD C850

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	407846-2	ASSY, LH BEAM - JD C850 REAR HITCH - BLK				
2	1	407845-2	ASSY, RH BEAM - JD C850 REAR HITCH - BLK				
3	1	407860-1	ASSY, CLEVIS - JD C850 REAR HITCH - BLK				
4	1	407865	ASSY, CROSS BRACE - JD C850 REAR HITCH - BLK				
5	1	503315-1	ASSY, REAR HITCH PIN - T/B NOVA - BLK				
6	1	407872	PLATE, FRMD 1/4 IN - HOSE GUIDE SUPPORT - LH				
7	1	407870	ASSY, GUIDE BAR - JD C850 REAR HITCH - BLK				
8	2	407875	ASSY, HYD HOSE GUIDE - JD C850 REAR HITCH - BLK				
9	1	407873	PLATE, FRMD 1/4 IN - HOSE GUIDE SUPPORT - RH				
10	1	250627	HAIRPIN, 1/4 X 5 IN - HITCH PIN				
11	8	250232	BOLT, U-SQ - 3/4 UNC X 12 ID X 10 IN - 2 IN THD - GR8 PL				
12	4	250220	BOLT, U-SQ - 3/4 UNC X 8 ID X 10 IN -2 IN THD - GR8 PL				
13	4	250209	BOLT, U-SQ - 3/4 UNC X 8 ID X 6 IN - 2 IN THD - GR8 PL				
14	2	250242	BOLT, U-SQ - 1/2 UNC X 8 ID X 5 IN - 1 1/2 IN THD - GR5 PL				
15	12	250101	BOLT, CARRIAGE - 3/8 X 1 1/4 IN UNC GR5 PL				
16	8	250044	BOLT, HEX 7/8 X 3 IN UNC GR5 PL				
17	8	250553	WASHER, FLAT 7/8IN GR8 PL				
18	8	250452	NUT, HEX - 7/8 UNC PL				
19	4	250555	WASHER, FLAT - 1/2 IN - GR8 - PL				
20	4	250450	NUT, HEX 1/2 UNC GR5 PL				
21	4	250557	WASHER, FLAT - 3/8 IN GR8 PL				
22	4	250453	NUT, HEX - 3/8 UNC PL				
23	8	250400	NUT, FLANGE - 3/8 UNC PL				
24	32	250552	WASHER, FLAT 3/4IN GR8 PL				
25	32	250451	NUT, HEX 3/4 UNC GR5 PL				

Rear Hitch - JD C850

Part Number: 407840-1 - Heavy Axle

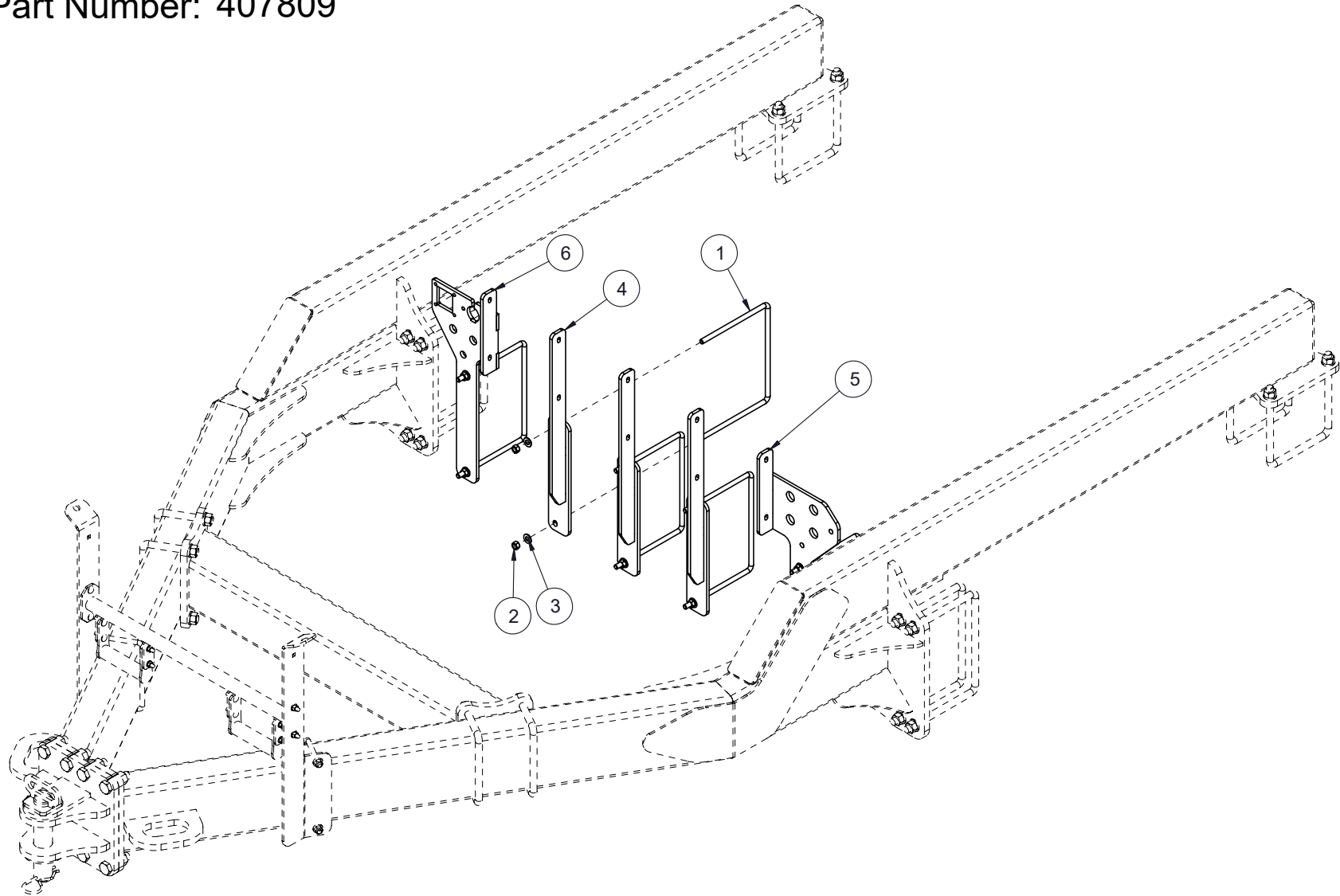
Part Number: 407842-1 - Std. Axle



Rear Hitch - Hydraulic Hose and Coupler Support

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	5	250234	BOLT, U-SQ - 1/2 UNC X 12 ID X 8 IN - 2 IN THD - GR5 PL				
2	10	250450	NUT, HEX 1/2 UNC GR5 PL				
3	10	250555	WASHER, FLAT - 1/2 IN - GR8 - PL				
4	3	407877-3	WELD, COUPLER SUPPORT BRACKET - JD C850 REAR HITCH - BLK				
5	1	407880-3	WELD, HYD HOSE COUPLER - RH - JD C850 REAR HITCH - BLK				
6	1	407885-3	WELD, HYD HOSE COUPLER - LH - JD C850 REAR HITCH - BLK				

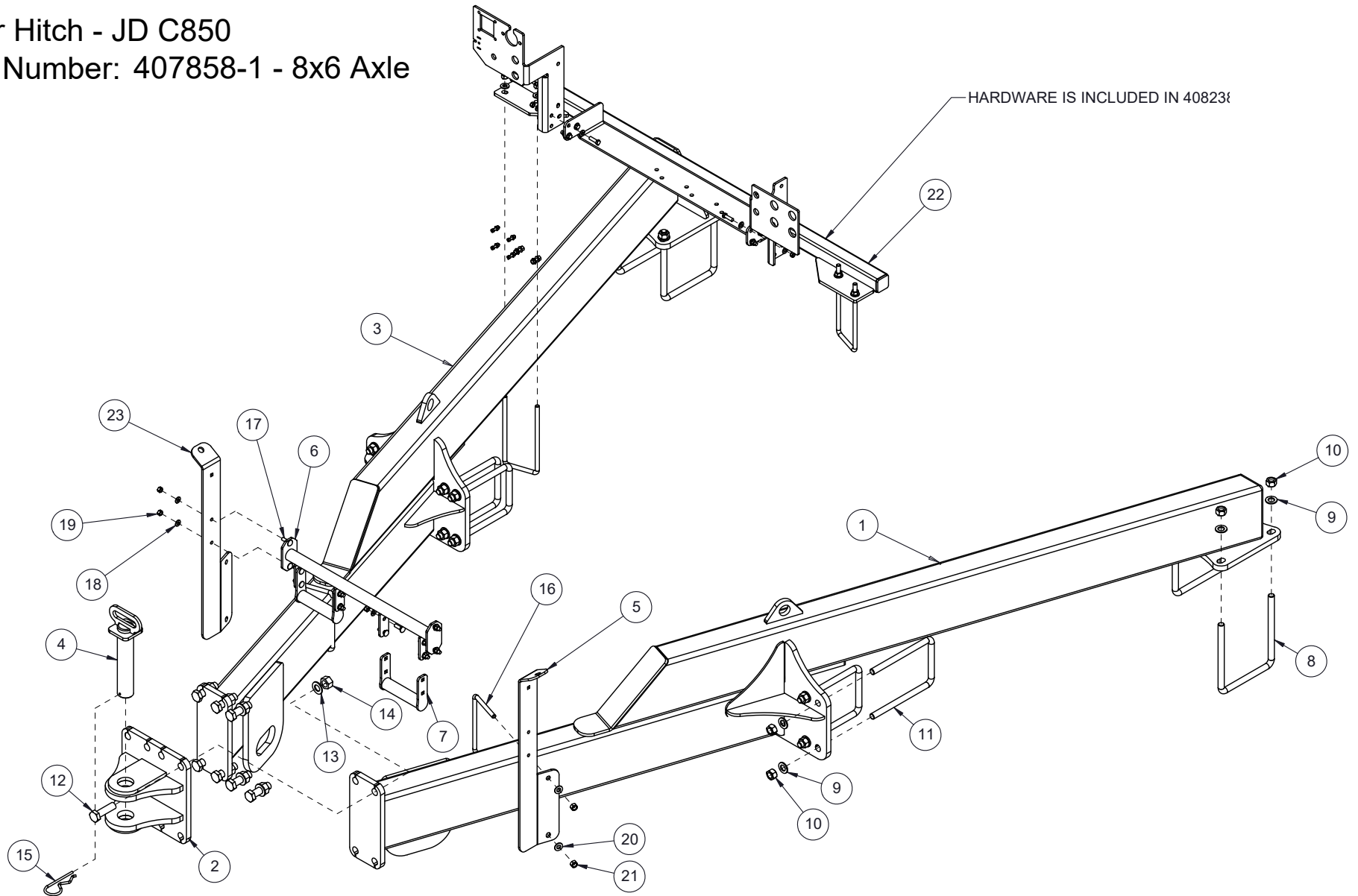
Rear Hitch - Hydraulic Hose and Coupler Support Part Number: 407809



Rear Hitch - JD C850 - 8x6 Axle

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	408221	ASSY, RH BEAM - 8X6 - JD C850 REAR HITCH - ANG				
2	1	407860-2	WELD, CLEVIS - JD C850 REAR HITCH - BLK				
3	1	408222	ASSY, LH BEAM - 8X6 - JD C850 REAR HITCH - ANG				
4	1	503315-2	WELD, REAR HITCH PIN - 2 IN - BLK				
5	1	408223	PLATE, FRMD 1/4 IN - HOSE GUIDE SUPPORT - RH - JD C850 REAR HITCH -				
6	1	408226	WELD, GUIDE BAR - JD C850 REAR HITCH - BLK				
7	2	407875-1	WELD, HYD HOSE GUIDE - JD C850 REAR HITCH				
8	4	250220	BOLT, U-SQ - 3/4 UNC X 8 ID X 10 IN -2 IN THD - GR8 PL				
9	24	250552	WASHER, FLAT 3/4IN GR8 PL				
10	24	250451	NUT, HEX 3/4 UNC GR5 PL				
11	8	250243	BOLT, U-SQ - 3/4 UNC X 8 ID X 10 IN - 2IN				
12	8	250044	BOLT, HEX 7/8 X 3 IN UNC GR5 PL				
13	8	250553	WASHER, FLAT 7/8IN GR8 PL				
14	8	250452	NUT, HEX - 7/8 UNC PL				
15	1	250627	HAIRPIN, 1/4 X 5 IN - HITCH PIN				
16	2	250242	BOLT, U-SQ - 1/2 UNC X 8 ID X 5 IN - 1 1/2 IN THD - GR5 PL				
17	12	250101	BOLT, CARRIAGE - 3/8 X 1 1/4 IN UNC GR5 PL				
18	12	250557	WASHER, FLAT - 3/8 IN GR8 PL				
19	12	250453	NUT, HEX - 3/8 UNC PL				
20	4	250555	WASHER, FLAT - 1/2 IN - GR8 - PL				
21	4	250450	NUT, HEX 1/2 UNC GR5 PL				
22	1	408238	BDL, REAR HITCH - JD MANIFOLD MOUNT				
23	1	408224	PLATE, FRMD 1/4 IN - HOSE GUIDE SUPPORT - LH - JD C850 REAR HITCH -				

Rear Hitch - JD C850
Part Number: 407858-1 - 8x6 Axle

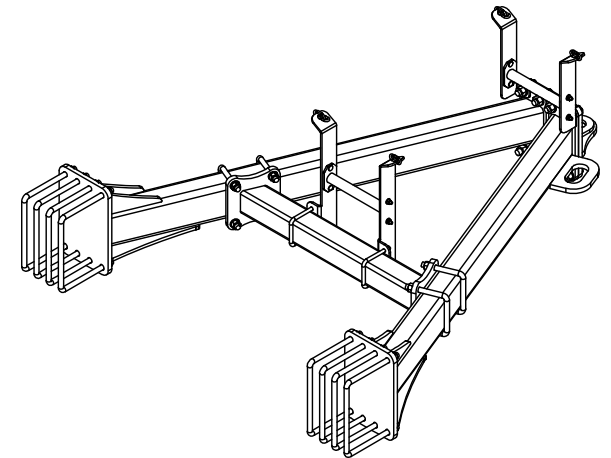
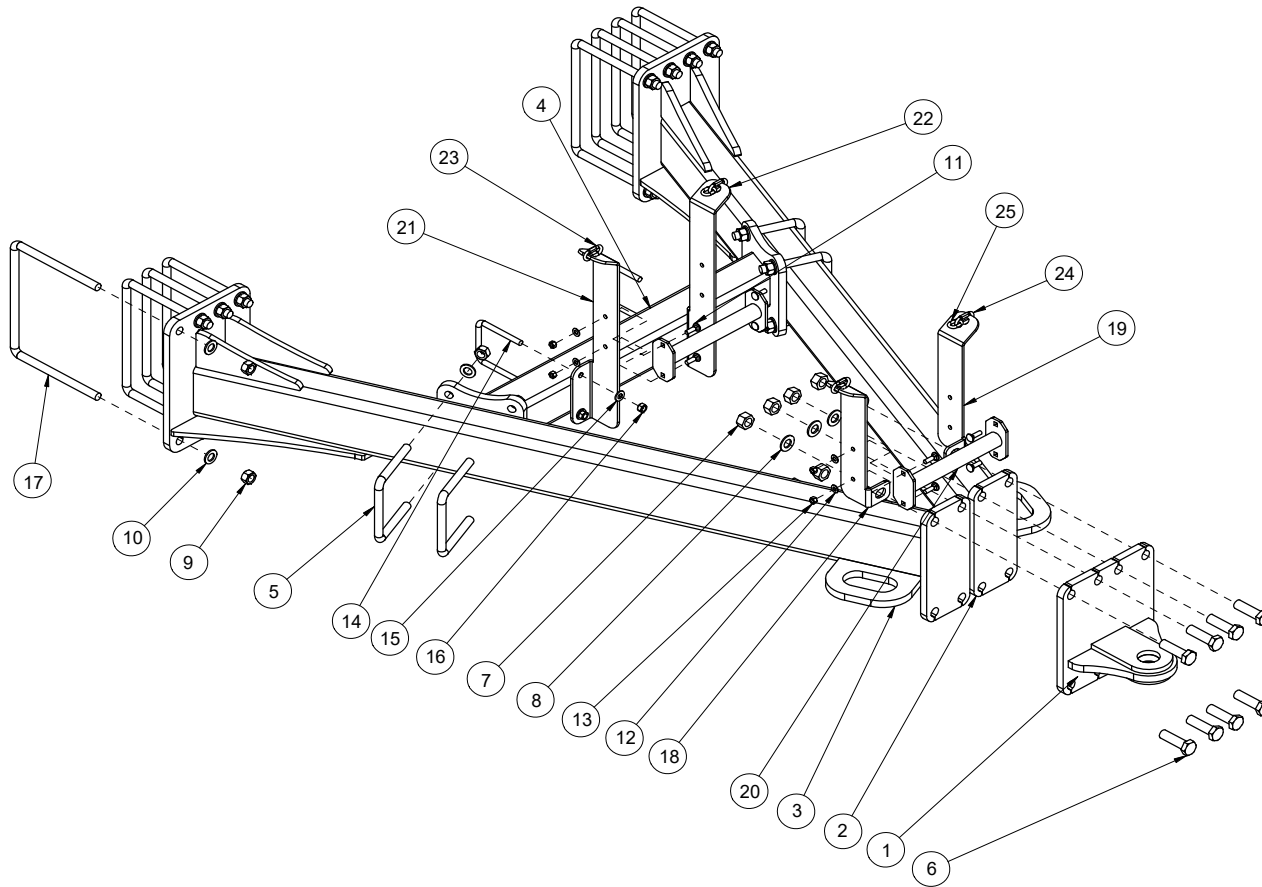


Rear Hitch - Liquid Cart

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	406828	ASSY, LIQUID CART REAR HITCH T				
2	1	406825	ASSY, LIQUID CART HITCH RIGHT S				
3	1	406826	ASSY, LIQUID CART HITCH LEFT SIDE				
4	1	406827	ASSY, LIQUID CART REAR HITCH C				
5	4	250210	BOLT, U-SQ - 3/4 UNC X 6 ID X 6 IN				
6	8	250044	BOLT, HEX 7/8 X 3 IN UNC GR5 PL				
7	8	250452	NUT, HEX - 7/8 UNC PL				
8	8	250553	WASHER, FLAT 7/8IN GR8 PL				
9	24	250451	NUT, HEX 3/4 UNC GR5 PL				
10	24	250552	WASHER, FLAT 3/4IN GR8 PL				
11	8	250101	BOLT, CARRIAGE - 3/8 X 1 1/4 IN UNC GR5 PL				
12	8	250557	WASHER, FLAT - 3/8 IN GR8 PL				
13	8	250453	NUT, HEX - 3/8 UNC PL				
14	2	250208	BOLT, U-SQ - 1/2 UNC X 4 ID X 5 IN - 2 IN THD - GR8 PL				
15	4	250555	WASHER, FLAT - 1/2 IN - GR8 - PL				
16	4	250450	NUT, HEX 1/2 UNC GR5 PL				
17	8	250232	BOLT, U-SQ - 3/4 UNC X 12 ID X 10 IN - 2 IN THD - GR8 PL				
18	1	406833	PLATE, LIQUID CART HITCH FRONT - LH				
19	1	406832	PLATE, LIQUID CART HITCH FRONT - RH				
20	2	406829	ASSY, HOSE HOLDER TUBE				
21	1	406830	PLATE, LIQUID CART REAR LEFT H				
22	1	406831	PLATE, LIQUID CART HITCH REAR R				
23	2	254565	CHAIN, 5/16 IN G70 - GOLD				
24	2	254566	CHAIN, SNAP LINK 5/16 IN G70 - GOLD				
25	2	254561	CHAIN, 1/4 IN - GRADE 40 - PL				

Rear Hitch - Liquid Cart

Part Number: 406824

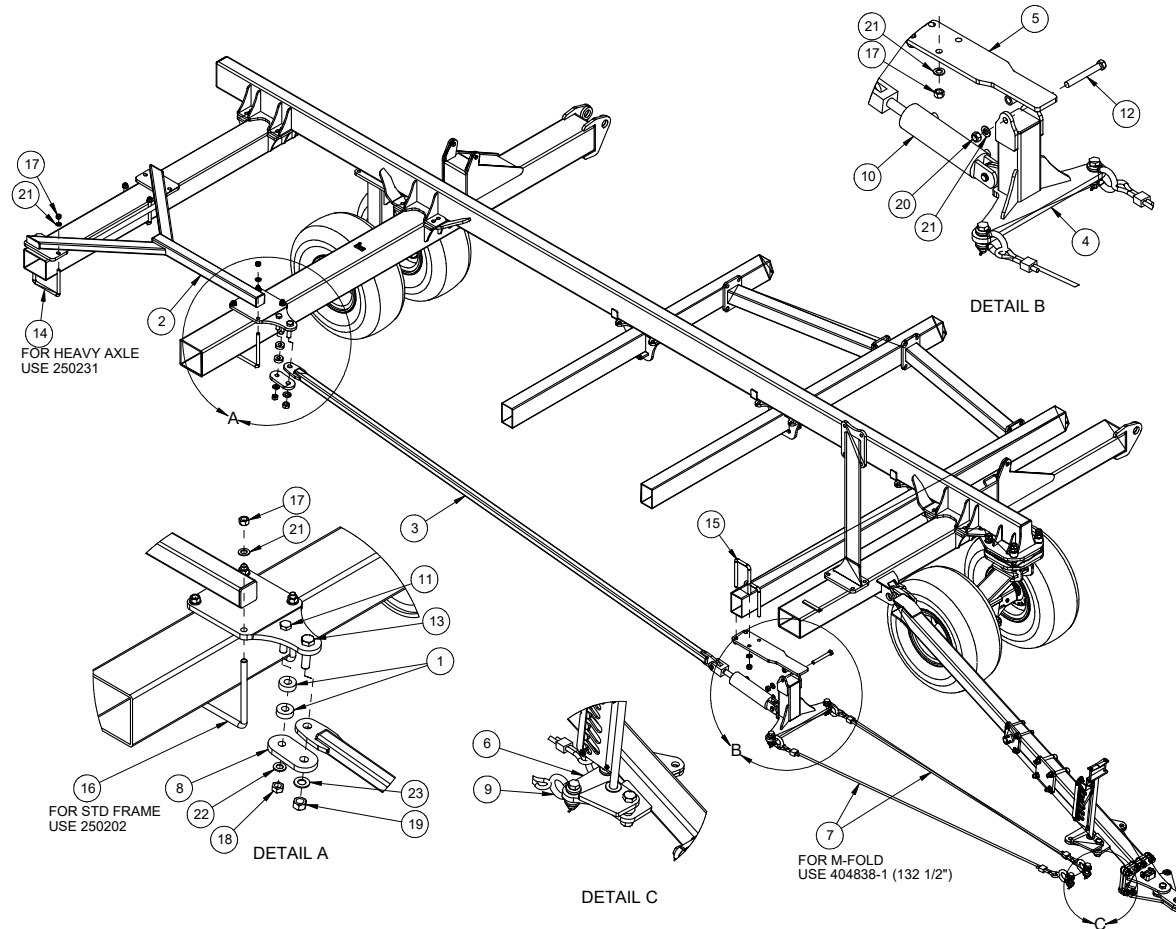


Lift Kit Bundles

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	2	400488-1	PLATE, SPACER 3/4 IN - REAR HITCH				
2	1	404906-2	ASSY, LIFT KIT - REAR BEAM MNT - NOVA - BLK				
3	1	404810	ASSY, LIFT KIT - REAR LINK				
4	1	404815	ASSY, LIFTKIT - MIDDLE POST				
5	1	404825-1	ASSY, LIFTKIT - MIDDLE POST MOUNT				
6	1	404830	PLATE, LINK 3/4 IN - CABLE LINK				
7	2	404831	CABLE, 92 IN				
8	1	404833	PLATE, LINK 3/4 IN - LIFT KIT REAR LINK				
9	4	254545	ACTIVE WING BRACE SHACKLE				
10	1	258549	CYL, HYD 3 X 8 IN - ACTIVE WING				
11	1	250950	BOLT, HEX - 7/8 X 4 1/2 IN UNC GR8 PL				
12	1	250022	BOLT, HEX 3/4 X 5 1/2 IN GR5 PL				
13	1	250032	BOLT, HEX 1 X 4 IN UNC GR5 PL				
14	2	250202	BOLT, U-SQ - 3/4 UNC X 8 ID X 8 IN - 2 IN THD - GR8 PL				
15	2	250204	BOLT, U-SQ - 3/4 UNC X 4 ID X 8 IN -2 IN THD - GR8 PL				
16	2	250220	BOLT, U-SQ - 3/4 UNC X 8 ID X 10 IN -2 IN THD - GR8 PL				
17	12	250451	NUT, HEX 3/4 UNC GR5 PL				
18	1	250452	NUT, HEX - 7/8 UNC PL				
19	1	250457	NUT, HEX 1 UNC GR5 PL				
20	1	250501	NUT, LOCK - 3/4 UNC - STOVER - GR.C - PL				
21	13	250552	WASHER, FLAT 3/4IN GR8 PL				
22	1	250553	WASHER, FLAT 7/8IN GR8 PL				
23	1	250554	WASHER, FLAT - 1 IN GR8 PL				
-	0	404838-1	CABLE, 132-1/2 IN - LIFT KIT - 5000 LB				

Lift Kit Bundles

Part Number: 404800 - Standard Frame
 404801-1 - M-Fold Frame
 404900 - Standard with Heavy Axle
 404902-1 - M-Fold with Heavy Axle



Wheels, Hubs, and Cylinders

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
-	0	252000	ASSY, HUB/SPINDLE - H614 - 2 IN STRAIGHT SPINDLE				
-	0	252001	ASSY, HUB/SPINDLE - H811 -2 1/8 IN STRAIGHT SPINDLE				
-	0	252003	ASSY, HUB/SPINDLE W/NUTS - H1010 - 3 1/2IN STRAIGHT				
-	0	252004	ASSY, HUB/SPINDLE-H1020-4 1/2IN STRAIGHT SPINDLE				
-	0	252005	ASSY, HUB/SPINDLE - H1030 - 6 IN STRAIGHT SPINDLE				
-	0	255075	ASSY, TIRE - 12.5L15 - 8 PLY - 6 BOLT - 1.12 POS. OFF				
-	0	255076	ASSY, TIRE - 12.5L15F1 - HWY SRV - 12 PLY - 8 BOLT - 1.5 NEG. OFF				
-	0	255077	ASSY, TIRE - MAIN FRAME - 380-60R16.5				
-	0	255078	ASSY, TIRE - 750/65R26 - RADIAL - 158A8 - 10 BOLT RIM				
-	0	255084	ASSY, TIRE - 800/65R32 DYNA TORQUE RADIAL - 172A8				
-	0	255086	ASSY, TIRE - 710/70R38 - 166A8 R1W - DUAL RIM				
-	0	258476	SEAL KIT, 2IN BORE X 1 1/8IN ROD - MONARCH				
-	0	258477	SEAL KIT, 2 1/2 IN BORE X 1 1/4 ROD - MONARCH				
-	0	258478	SEAL KIT, 3IN BORE X 1 1/4 ROD - MONARCH (3 x 8; 3 x 24)				
-	0	258479	SEAL KIT, 3IN BORE X 1 1/2 ROD - MONARCH				
-	0	258480	SEAL KIT, 4IN BORE X 1 1/2 ROD - MONARCH				
-	0	258481	SEAL KIT, 4 1/2 IN BORE X 2 IN ROD - MONARCH				
-	0	258500	CYL, HYD 1 3/4 X 4 IN - OPENER				
-	0	258510	CYL, HYD 3 X 24 IN - WING LIFT				
-	0	258520	CYL, HYD 4 X 24 IN - 1-1/2" ROD WING LIFT				
-	0	258548	CYL, HYD 3 X 32 IN - 1-1/2" ROD WING LIFT				
-	0	258549	CYL, HYD 3 X 8 IN - ACTIVE WING				
-	0	258550	CYL, HYD 2 1/2 X 8 IN				
-	0	258551	CYL, HYD 2 X 4 IN - FILL AUGER				
-	0	258552	CYL, HYD 2 X 8 IN - FILL AUGER				
-	0	258554	CYL, HYD 4 1/2 X 32 - 2" ROD WING LIFT				

Parts Description: Wheels, Hubs, and Cylinders

WHEELS AND HUBS					
LOCATION	WHEEL		HUB/SPINDLE		BEARING KIT
	DESCRIPTION	PART#	DESCRIPTION	PART #	
Wings	12.5L15	255075	H614	252000	251990
Main Frame	12.5L15	255076	H819	252007	251997
Main Frame	380-60R16.5	255077	H819	252007	251997
Rear	750/65R26	255078	H1010	252003	251992
Rear	800/65R32	255084	H1020	252004	251993
Rear	DUAL 750/65R26-INNER	255079	H1030	252005	251994
Rear	DUAL 750/65R26-OUTER	255080			
Rear	DUAL 710/70R38	255086	H1030	252005	251994

CYLINDERS AND SEAL KITS			
LOCATION	CYLINDER		SEAL KIT
	DESCRIPTION	PART#	PART #
Opener	1-3/4 x 4	258500	258475
STD Wing**	3 x 24	258510	258478
STD Wing**	4 x 24	258520	258480
M-Fold Wing**	3 x 32	258548	258479
M-Fold Wing**	4-1/2 x 32	258554	258481
Smart Hitch Sensor	1-3/4 x 4	258500	258475
Waggle Plate	2-1/2 x 8	258550	258477
Fill Auger	2 x 4	258551	258476
Fill Auger	2 x 8	258552	258476
Lift Kit	3 x 8	258549	258478
Active Wing Brace*	3 x 8	258549	258478
Active Wing Brace*	2-1/2 x 8	258550	258477

*See Active Wing Cylinder page for correct cylinder size

**See Wing Cylinder layout page for correct cylinder size

Standard Manifold Distribution - Seed

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	510602	WELD, DISTRIBUTION MANIFOLD - 1 1/4 IN - 6 PORT - SS				
2	1	511020	WELD, DISTRIBUTION MANIFOLD TUBE - 2 1/2" - STAINLESS				
3	1	510600	MANIFOLD RUBBER CAP, TAPERED - SECONDARY HEAD				
4	1	256623	CLAMP, MUFFLER - 2 1/2 IN				
5	1	510252-2	PLATE, FRMD 3/8 IN - SINGLE MANIFOLD MNT - BLK				
6	1	250204	BOLT, U-SQ - 3/4 UNC X 4 ID X 8 IN -2 IN THD - GR8 PL				
7	2	250235	BOLT, U-RD - 3/8 UNC X 2 1/2 X 3 1/2 IN - PL				
8	2	250552	WASHER, FLAT 3/4IN GR8 PL				
9	4	250453	NUT, HEX - 3/8 UNC PL				
10	4	250566	WASHER, FLAT - 3/8 IN PL				
11	2	250451	NUT, HEX 3/4 UNC GR5 PL				
12	3	256520	TUBING - 1 1/4 IN - EVA - PERSONALIZED				
13	12	256603	CLAMP, GEAR - S/S - 1 IN - HAS-16				
14	60	256505	TUBING - 1 IN EVA PERSONALIZED				
15	1	256625	CLAMP, TEE BOLT - S/S BAND				
-	0	510500	BDL, ADJUSTABLE MANIFOLD DISTRIBUTION - 8 OUTLET				
-	0	510520	BDL, ADJUSTABLE MANIFOLD DISTRIBUTION - 7 OUTLET				
-	0	510540	BDL, ADJUSTABLE MANIFOLD DISTRIBUTION - 6 OUTLET				
-	0	510580	BDL, ADJUSTABLE MANIFOLD DISTRIBUTION - 9 OUTLET - NO HOSE				
-	0	510590	BDL, ADJUSTABLE MANIFOLD DISTRIBUTION - 10 OUTLET - NO HOSE				

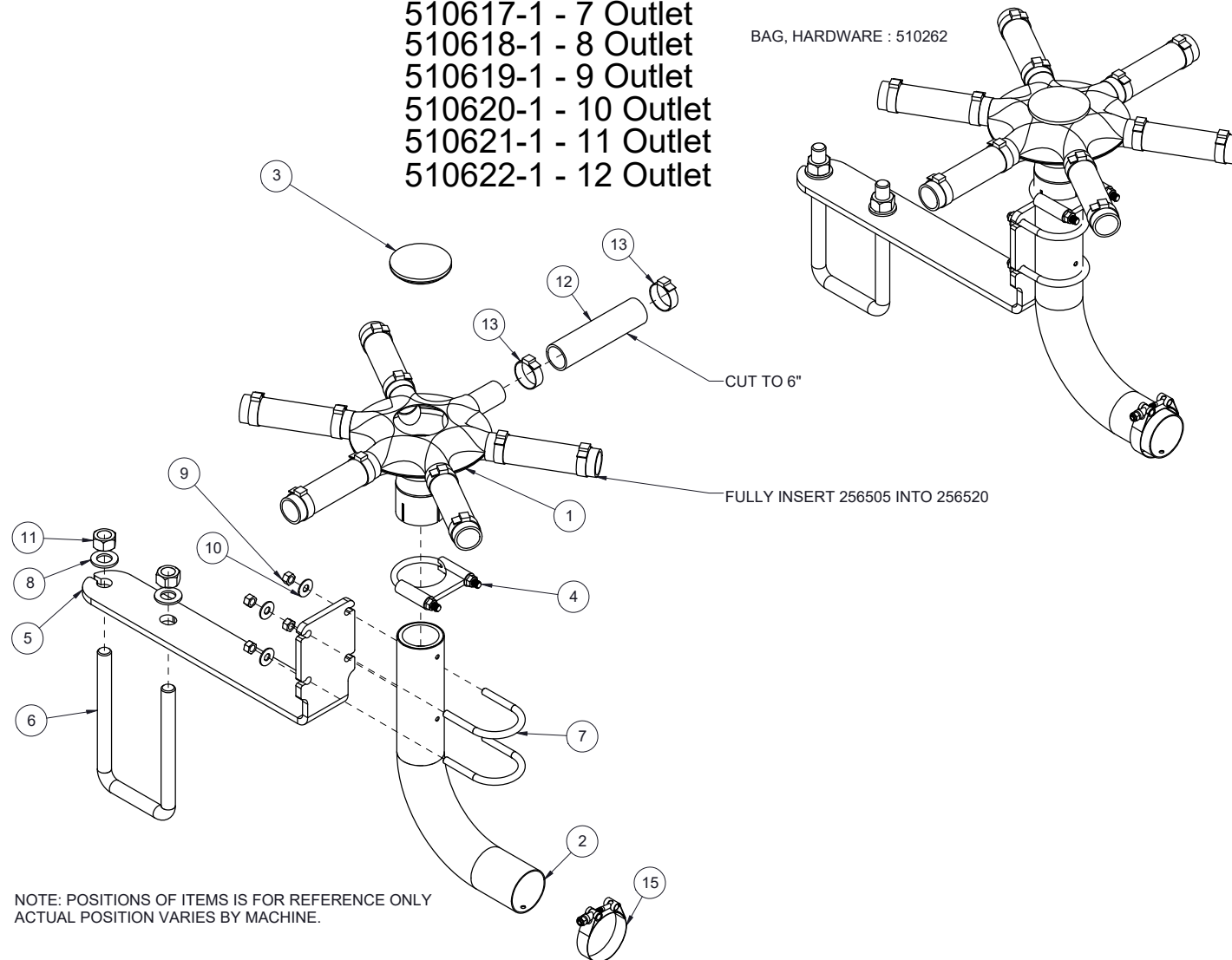
Standard Manifold Distribution - Fertilizer

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	510602	WELD, DISTRIBUTION MANIFOLD - 1 1/4 IN - 6 PORT - SS				
2	1	511020	WELD, DISTRIBUTION MANIFOLD TUBE - 2 1/2" - STAINLESS				
3	1	510601	MANIFOLD RUBBER CAP, FLAT - SECONDARY HEAD				
4	1	256623	CLAMP, MUFFLER - 2 1/2 IN				
5	1	510252-2	PLATE, FRMD 3/8 IN - SINGLE MANIFOLD MNT - BLK				
6	1	250204	BOLT, U-SQ - 3/4 UNC X 4 ID X 8 IN -2 IN THD - GR8 PL				
7	2	250235	BOLT, U-RD - 3/8 UNC X 2 1/2 X 3 1/2 IN - PL				
8	2	250552	WASHER, FLAT 3/4IN GR8 PL				
9	4	250453	NUT, HEX - 3/8 UNC PL				
10	4	250566	WASHER, FLAT - 3/8 IN PL				
11	2	250451	NUT, HEX 3/4 UNC GR5 PL				
12	3	256520	TUBING - 1 1/4 IN - EVA - PERSONALIZED				
13	12	256603	CLAMP, GEAR - S/S - 1 IN - HAS-16				
14	60	256505	TUBING - 1 IN EVA PERSONALIZED				
15	1	256625	CLAMP, TEE BOLT - S/S BAND				
-	0	510500	BDL, ADJUSTABLE MANIFOLD DISTRIBUTION - 8 OUTLET				
-	0	510520	BDL, ADJUSTABLE MANIFOLD DISTRIBUTION - 7 OUTLET				
-	0	510540	BDL, ADJUSTABLE MANIFOLD DISTRIBUTION - 6 OUTLET				
-	0	510580	BDL, ADJUSTABLE MANIFOLD DISTRIBUTION - 9 OUTLET - NO HOSE				
-	0	510590	BDL, ADJUSTABLE MANIFOLD DISTRIBUTION - 10 OUTLET - NO HOSE				

Standard Manifold Distribution - Fertilizer

Part Number: 510616-1 - 6 Outlet
 510617-1 - 7 Outlet
 510618-1 - 8 Outlet
 510619-1 - 9 Outlet
 510620-1 - 10 Outlet
 510621-1 - 11 Outlet
 510622-1 - 12 Outlet

BAG, HARDWARE : 510262



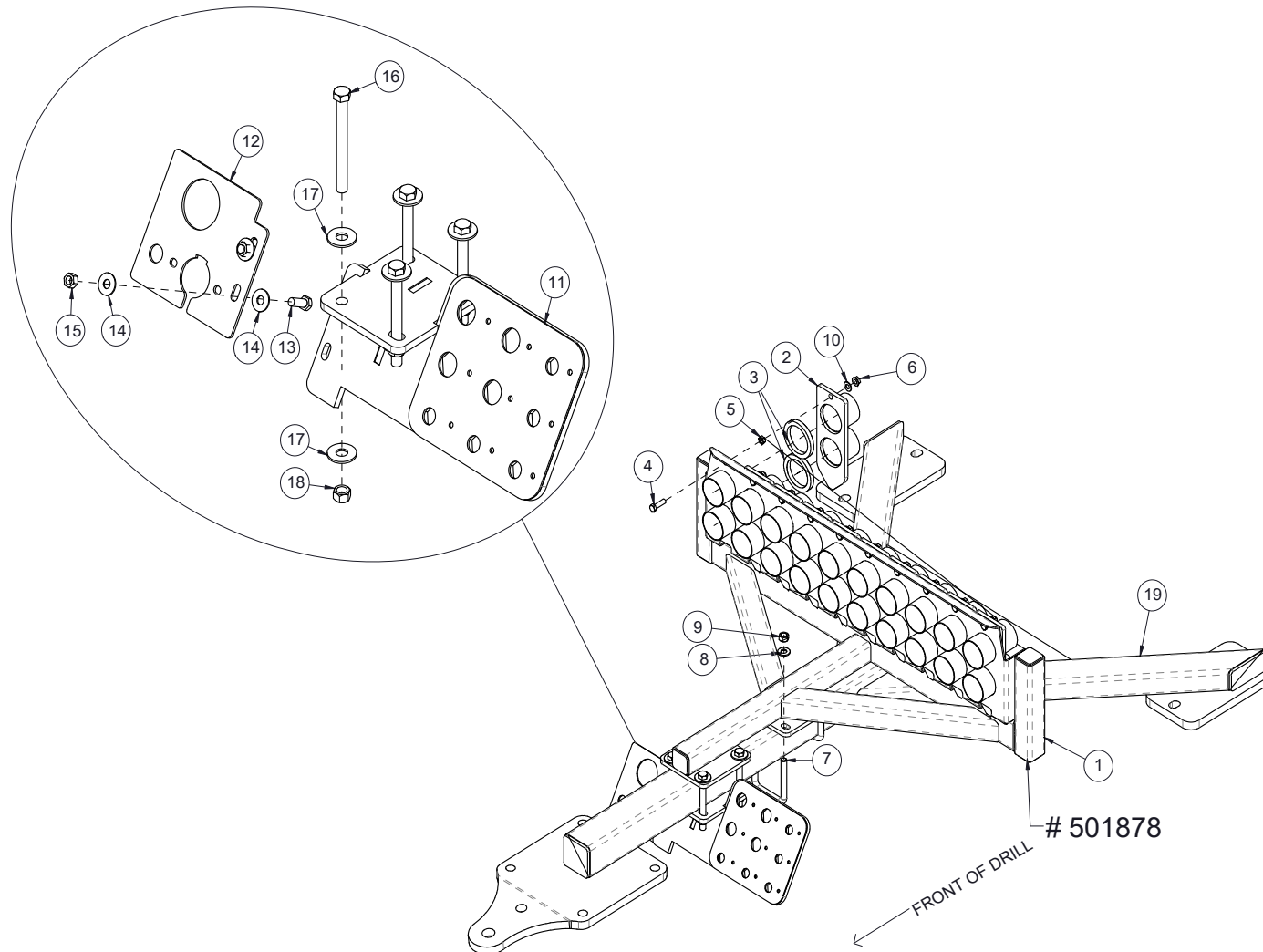
Quick Hose Disconnect Dual Shoot - 10 Zone

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	501872	ASSY, QUICK HOSE DISCONNECT - BLK				
2	10	501655	ASSY, DUAL SHOOT COUPLER - Q.D - NOVA - BLK				
3	20	250830	GASKET, FOAM - 2 1/2 IN ID X 3 1/4 IN OD X 3/8 IN THICK				
4	10	250019	BOLT, HEX 3/8 X 1 1/4 IN GR5 PL				
5	10	250466	NUT, JAM - 3/8 UNC				
6	10	250400	NUT, FLANGE - 3/8 UNC PL				
7	2	250205	BOLT, U-SQ - 1/2 UNC X 3/8 X 4 IN - 1 1/2 IN THD - GR8 PL				
8	4	250555	WASHER, FLAT - 1/2 IN - GR8 - PL				
9	4	250450	NUT, HEX 1/2 UNC GR5 PL				
10	10	250557	WASHER, FLAT - 3/8 IN GR8 PL				
11	1	501987-1	ASSY, TOOLBAR REAR QUICK COUPLING, HYD/ELEC - BLK				
12	1	501894	SHEET, MOUNT 10 GA - TOOLBAR REAR Q.D - HYD/ELEC - BLK				
13	1	250036	BOLT, HEX 3/8 X 1 IN GR5 PL				
14	4	250566	WASHER, FLAT - 3/8 IN PL				
15	2	250453	NUT, HEX - 3/8 UNC PL				
16	4	250012	BOLT, HEX 1/2 X 5 IN GR5 PL				
17	8	250556	WASHER, FLAT - 1/2 IN - PL				
18	4	250450	NUT, HEX 1/2 UNC GR5 PL				
19	1	404906-2	ASSY, LIFT KIT - REAR BEAM MNT - NOVA - BLK				
-	0	501878	BDL, QUICK HOSE DISCONNECT - DUAL SHOOT - 10 ZONE - NOVA - ULTRA				

Quick Hose Disconnect - Dual Shoot

Part Number: 501878

501994

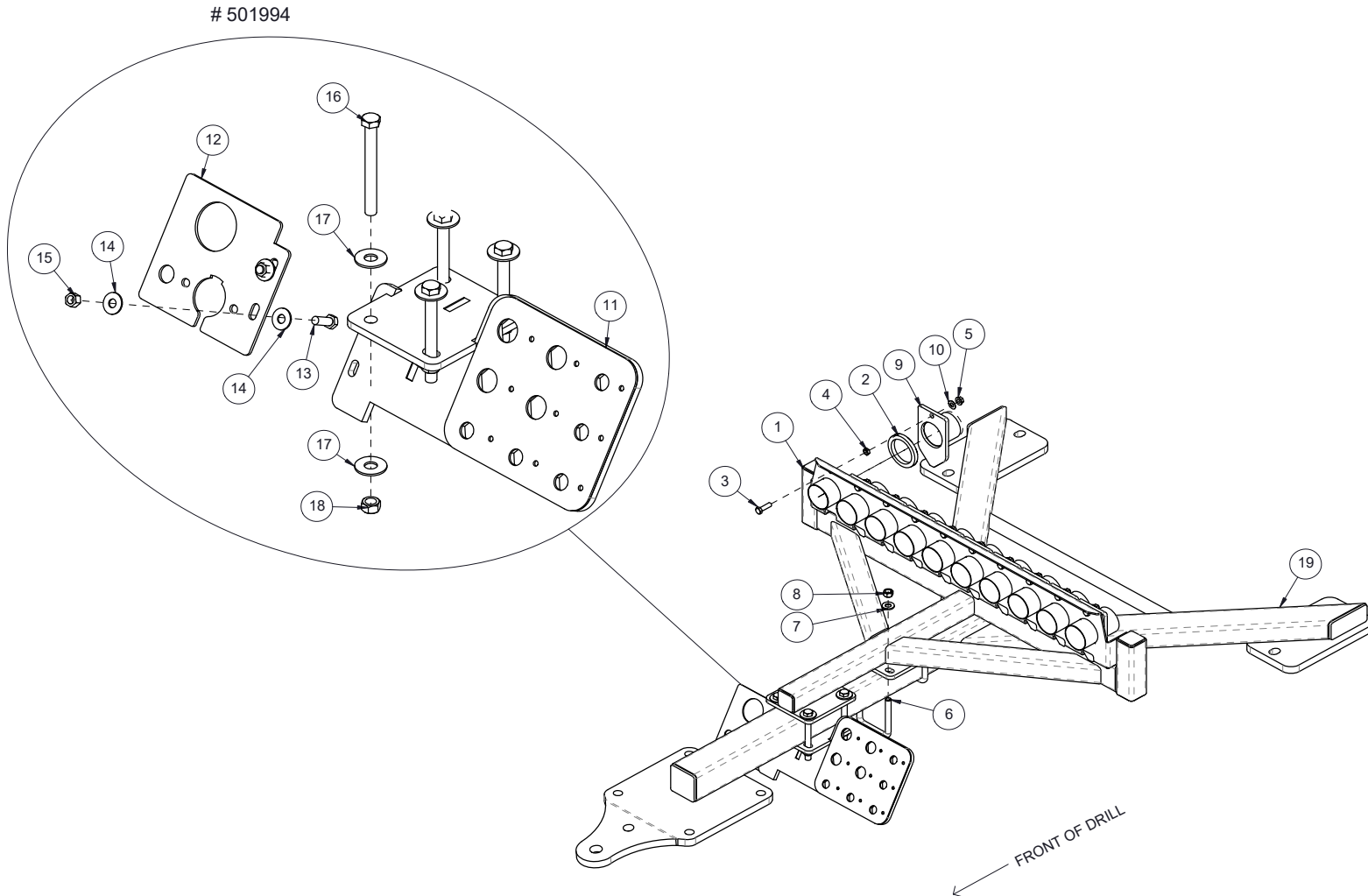


Quick Hose Disconnect Single Shoot - 10 Zone

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	501888	ASSY, QUICK HOSE DISCONNECT - SINGLE SHOOT - NOVA - BLK				
2	10	250830	GASKET, FOAM - 2 1/2 IN ID X 3 1/4 IN OD X 3/8 IN THICK				
3	10	250019	BOLT, HEX 3/8 X 1 1/4 IN GR5 PL				
4	10	250466	NUT, JAM - 3/8 UNC				
5	10	250400	NUT, FLANGE - 3/8 UNC PL				
6	2	250205	BOLT, U-SQ - 1/2 UNC X 3ID X 4 IN - 1 1/2 IN THD - GR8 PL				
7	4	250555	WASHER, FLAT - 1/2 IN - GR8 - PL				
8	4	250450	NUT, HEX 1/2 UNC GR5 PL				
9	10	501665	ASSY, SINGLE SHOOT COUPLER - Q.D - NOVA - BLK				
10	10	250557	WASHER, FLAT - 3/8 IN GR8 PL				
11	1	501987-1	ASSY, TOOLBAR REAR QUICK COUPLING, HYD/ELEC - BLK				
12	1	501894	SHEET, MOUNT 10 GA - TOOLBAR REAR Q.D - HYD/ELEC - BLK				
13	1	250036	BOLT, HEX 3/8 X 1 IN GR5 PL				
14	4	250566	WASHER, FLAT - 3/8 IN PL				
15	2	250453	NUT, HEX - 3/8 UNC PL				
16	4	250012	BOLT, HEX 1/2 X 5 IN GR5 PL				
17	8	250556	WASHER, FLAT - 1/2 IN - PL				
18	4	250450	NUT, HEX 1/2 UNC GR5 PL				
19	1	404906-2	ASSY, LIFT KIT - REAR BEAM MNT - NOVA - BLK				
-	0	501885	BDL, QUICK HOSE DISCONNECT - SINGLE SHOOT - 10 ZONE - NOVA - ULTI				

Quick Hose Disconnect - Single Shoot

Part Number: 501885



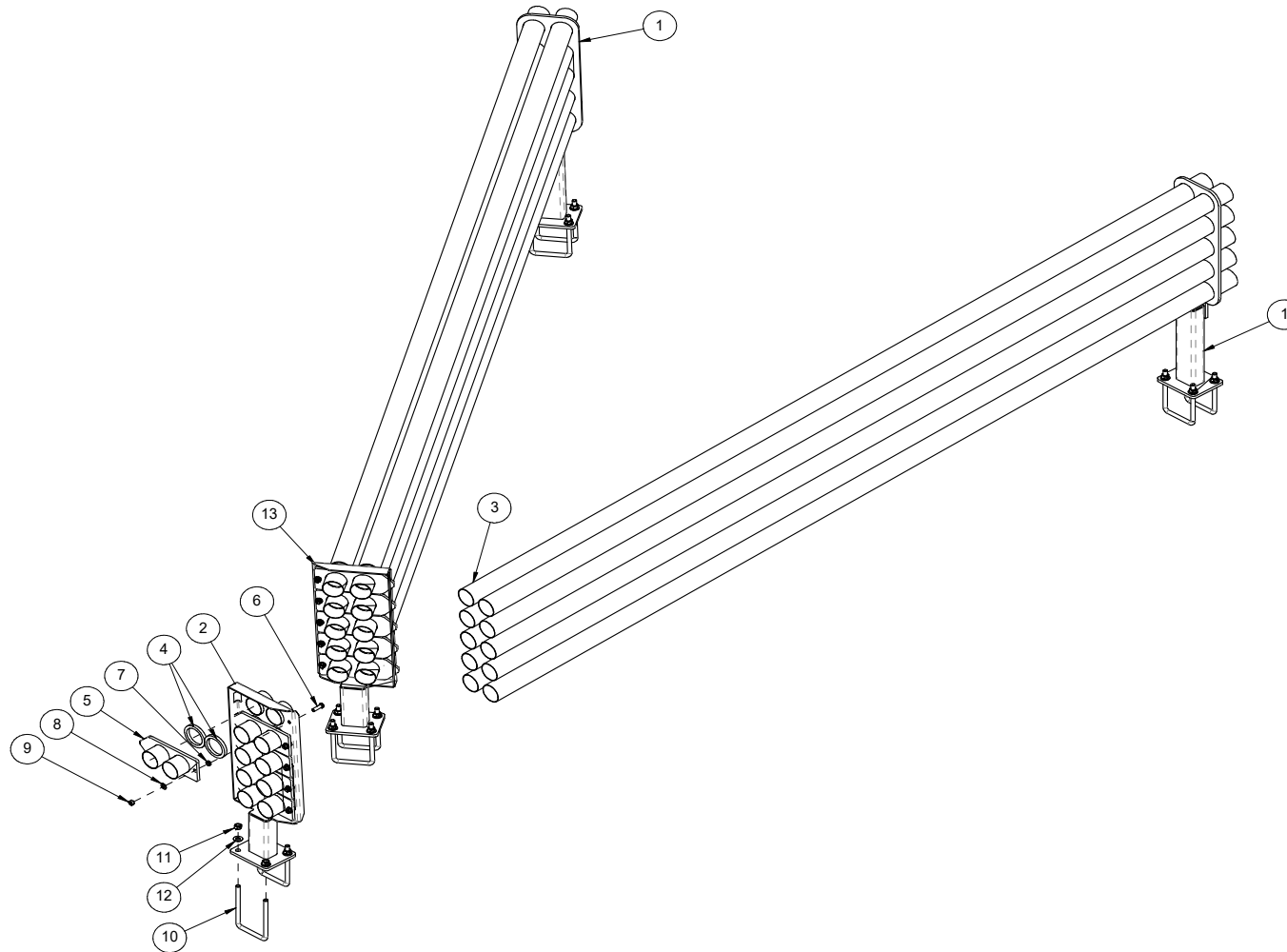
2-1/2" Delivery Hose Hitch Disconnect - T/B Nova Dual Shoot

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	2	503475	ASSY, DELIVERY PIPE HOLDER - DUAL SHOOT - T/B NOVA - BLK				
2	1	503470-1	ASSY, DELIVERY PIPE HOLDER - DUAL SHOOT - T/B NOVA - BLK				
3	20	503478	TUBE, ERW - 2 1/2 OD X 16 GA X 120" - STR - BLK				
4	12	250830	GASKET, FOAM - 2 1/2 IN ID X 3 1/4 IN OD X 3/8 IN THICK				
5	10	501655	ASSY, DUAL SHOOT COUPLER - Q.D - NOVA - BLK				
6	10	250019	BOLT, HEX 3/8 X 1 1/4 IN GR5 PL				
7	10	250466	NUT, JAM - 3/8 UNC				
8	10	250557	WASHER, FLAT - 3/8 IN GR8 PL				
9	10	250453	NUT, HEX - 3/8 UNC PL				
10	8	250223	BOLT, U-SQ - 1/2 UNC X 4 ID X 6 IN - 2 IN THD - GR5 PL				
11	16	250450	NUT, HEX 1/2 UNC GR5 PL				
12	16	250555	WASHER, FLAT - 1/2 IN - GR8 - PL				
13	1	503480	ASSY, DELIVERY PIPE HOLDER - DUAL SHOOT - T/B NOVA - BLK				

2.5" Delivery Hose Hitch Disconnect - T/B Dual Shoot

Part Number: 503460 - 10 Zone

Part Number: 503462-1 - 8 Zone



2-1/2" Delivery Hose Hitch Disconnect - T/B Nova Dual Shoot

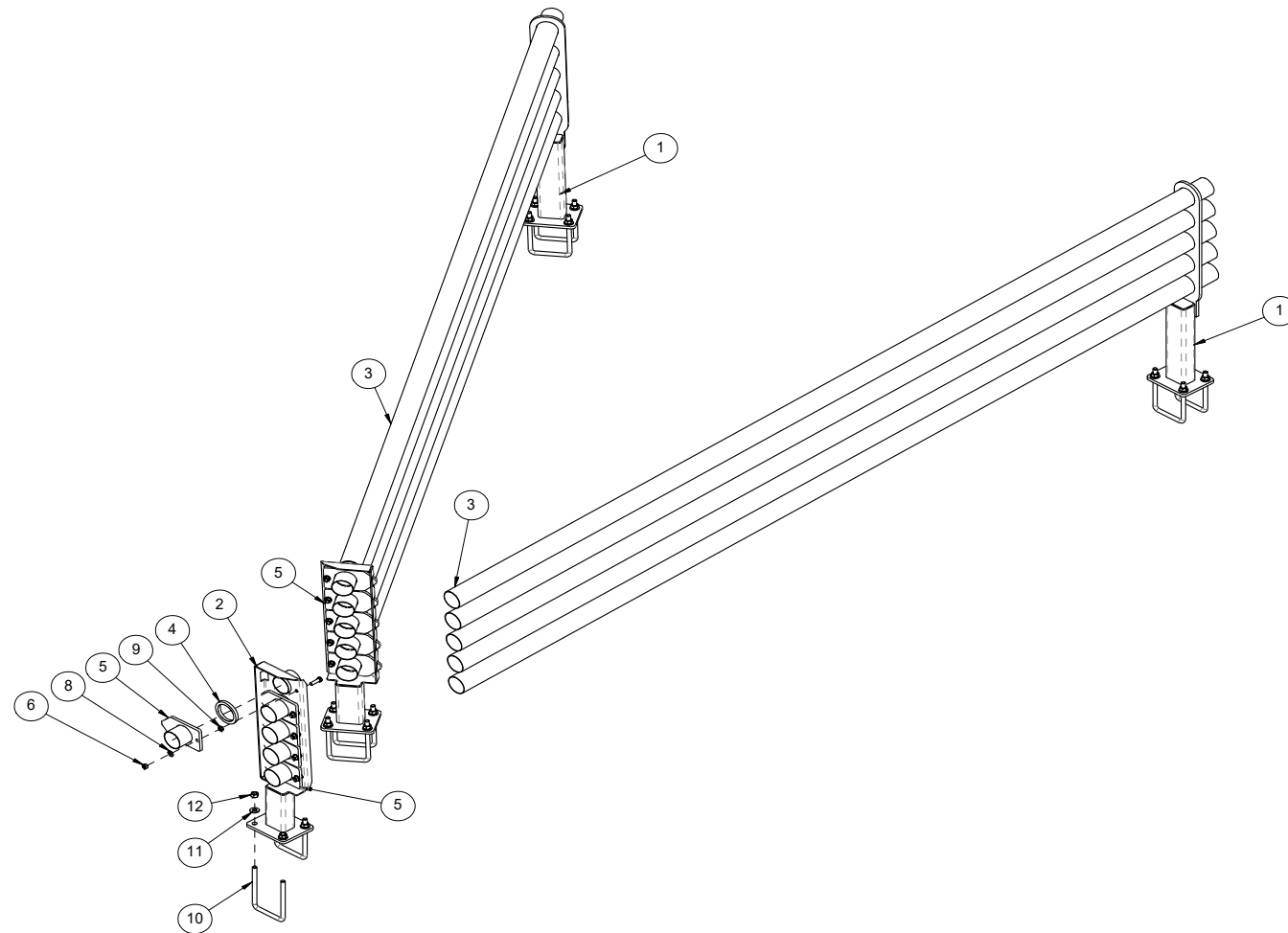
2-1/2" Delivery Hose Hitch Disconnect - T/B Nova Single Shoot

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	2	503510-1	ASSY, DELIVERY PIPE HOLDER - SINGLE SHOOT - T/B NOVA - BLK				
2	1	503505-1	ASSY, DELIVERY PIPE HOLDER - LH - SINGLE SHOOT - T/B NOVA				
3	10	503478	TUBE, ERW - 2 1/2 OD X 16 GA X 120" - STR - BLK				
4	10	250830	GASKET, FOAM - 2 1/2 IN ID X 3 1/4 IN OD X 3/8 IN THICK				
5	10	501665	ASSY, SINGLE SHOOT COUPLER - Q.D - NOVA - BLK				
6	10	250453	NUT, HEX - 3/8 UNC PL				
7	10	250019	BOLT, HEX 3/8 X 1 1/4 IN GR5 PL				
8	10	250557	WASHER, FLAT - 3/8 IN GR8 PL				
9	10	250466	NUT, JAM - 3/8 UNC				
10	8	250223	BOLT, U-SQ - 1/2 UNC X 4 ID X 6 IN - 2 IN THD - GR5 PL				
11	16	250555	WASHER, FLAT - 1/2 IN - GR8 - PL				
12	16	250450	NUT, HEX 1/2 UNC GR5 PL				
13	1	503507	ASSY, DELIVERY PIPE HOLDER - RH - SINGLE SHOOT - T/B NOVA				

2.5" Delivery Hose Hitch Disconnect - T/B Single Shoot

Part Number: 503500 - 10 Zone

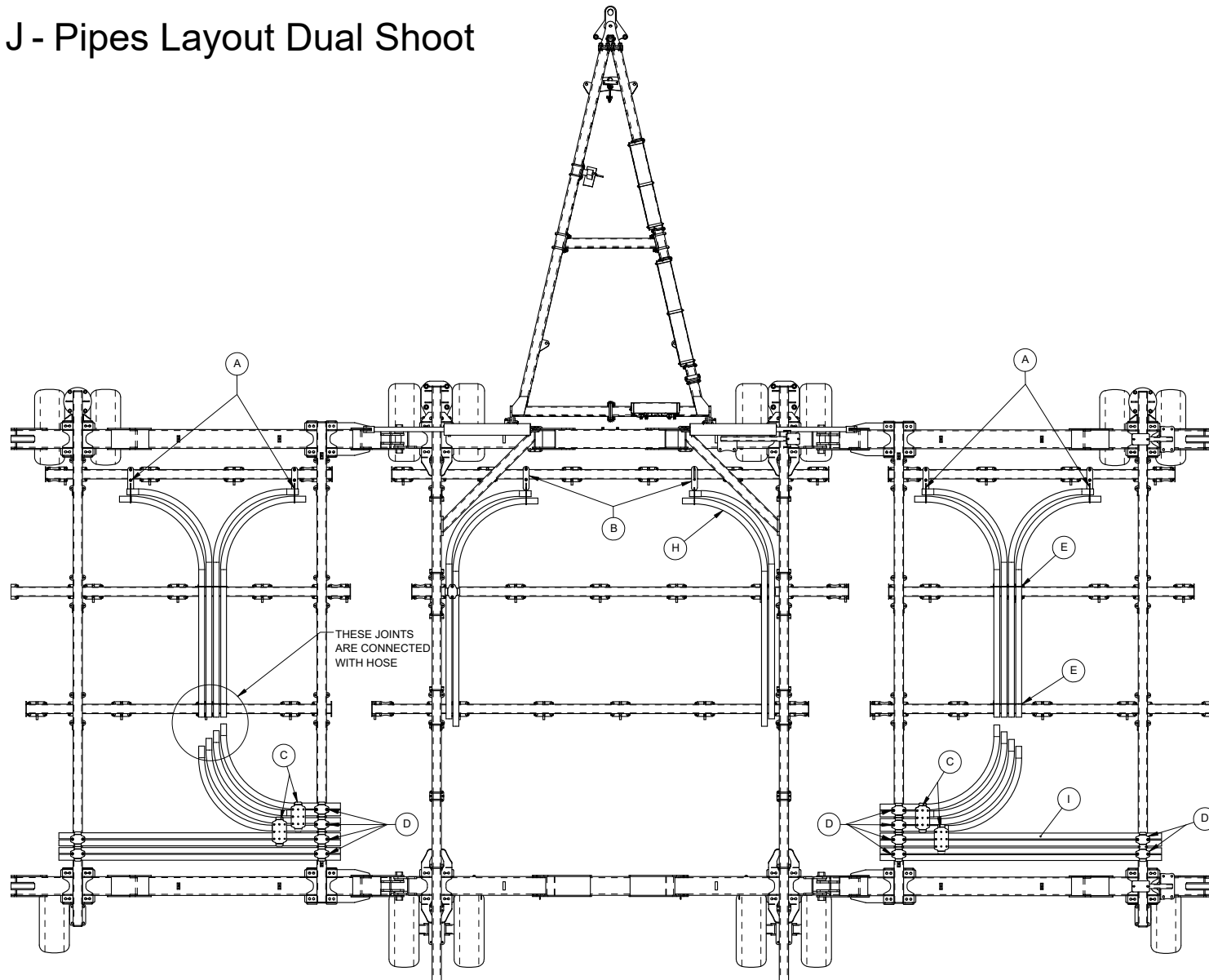
Part Number: 503502 - 8 Zone



2-1/2" Delivery Hose Hitch Disconnect - T/B Nova Single Shoot

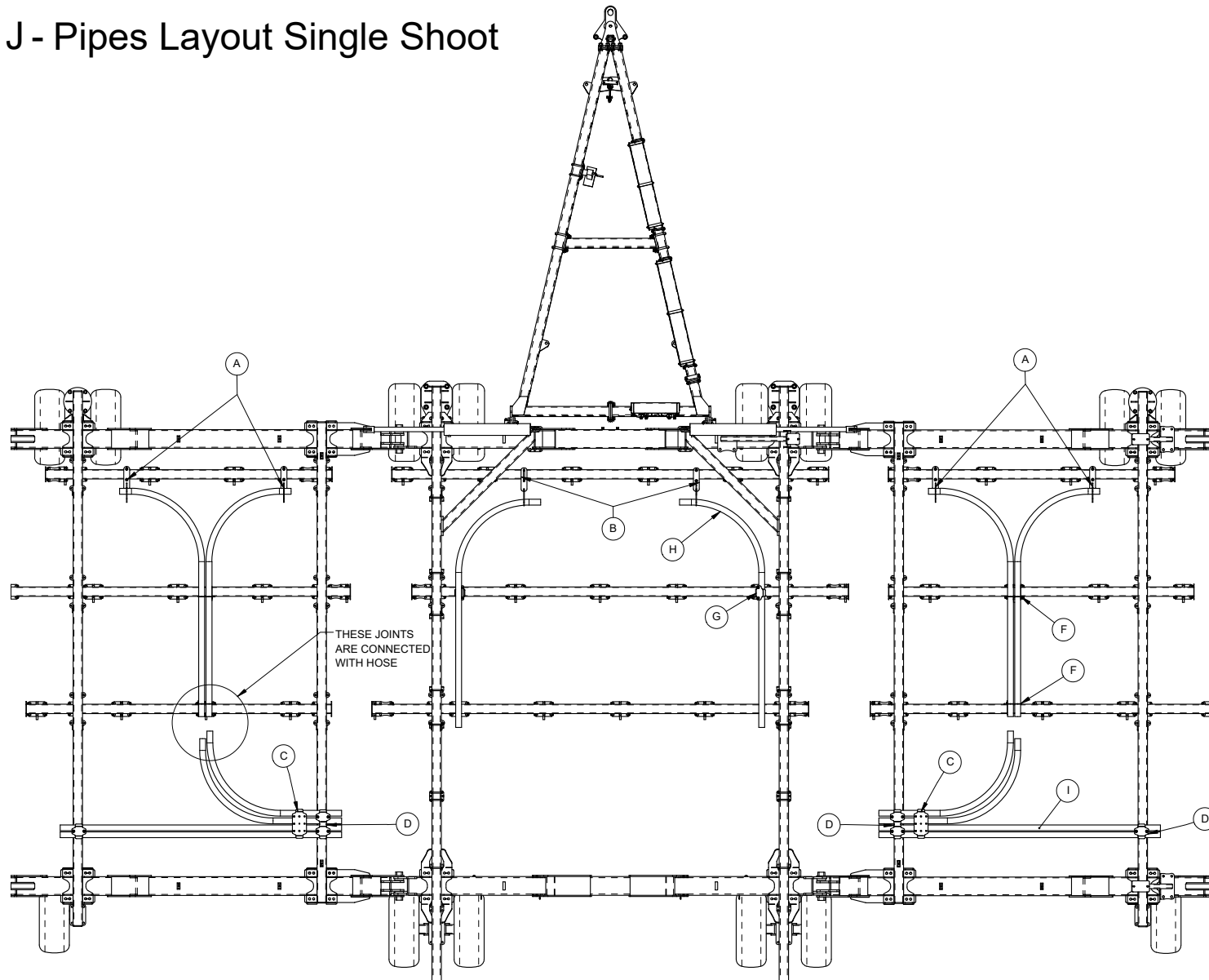
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J - Pipes Layout Dual Shoot



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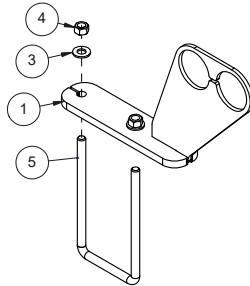
J - Pipes Layout Single Shoot



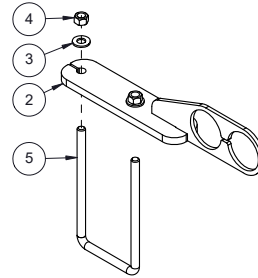
Pipe Holders Dual & Single Shoot

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	510315	ASSY, DELIVERY PIPE HOLDER - 6IN- 2 PIPE - BLK				
2	1	510310	ASSY, DELIVERY PIPE HOLDER - 2 PIPE - BLK				
3	18	250555	WASHER, FLAT - 1/2 IN - GR8 - PL				
4	14	250504	NUT, LOCK - 1/2 UNC - STOVER - PL				
5	2	250218	BOLT, U-SQ - 1/2 UNC X 4 ID X 8 IN - 2 IN THD - GR5 PL				
6	2	510251-3	PLATE, FRMD 10GA - HANGER - 4 PIPE - DISTRIBUTION				
7	4	250557	WASHER, FLAT - 3/8 IN GR8 PL				
8	4	250466	NUT, JAM - 3/8 UNC				
9	4	250053	BOLT, HEX - 3/8 X 3 1/2 UNC GR5 PL				
10	2	510253-2	PLATE, FRMD 10GA - HANGER - 3 PIPE - DISTRIBUTION				
11	1	510337-1	PLATE, FRMD 10GA - PIPE HANGER - DISTRIBUTION - BLK				
12	2	250219	BOLT, U-SQ - 1/2 UNC X 4 ID X 8 IN - 2 IN THD - GR5 - PL				
13	3	510250-2	PLATE, FRMD 10GA - PIPE HANGER - DISTRIBUTION				
14	1	510217-1	PLATE, GUIDE 1/4 IN - DELIVERY PIPE - 4 PIPE - OFFSET - BLK				
15	3	250213	BOLT, U-SQ - 1/2 UNC X 6ID X 5 1/2 IN - 2 IN THD - GR5 PL				
16	1	510218-1	PLATE, GUIDE 1/4 IN - DELIVERY PIPE - 2 PIPE - OFFSET - BLK				
17	1	510313-1	PLATE, GUIDE 1/4 IN - DEL. PIPE HLDR - 4 PIPE - CENTER - BLK				
18	2	250050	BOLT, HEX 1/2 X 3 1/2 IN UNC GR5 PL				
19	2	250465	NUT, JAM 1/2 UNC GR5 PL				
20	1	510745-1	WELD, DIST. PIPE - RANK END HOLDER - BLK				
21	1	221742	STRAP, CINCH - CS416H				
22	4	250550	WASHER, FLAT 5/8 IN GR8 PL				
23	2	222514	BOLT, HEX - 5/8 X 1 3/4 IN UNF GR8 PL				
24	2	250455	NUT, HEX 5/8 UNC GR5 PL				

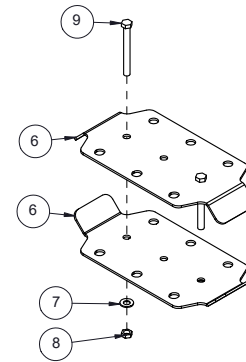
Pipe Holders Dual Shoot & Single Shoot



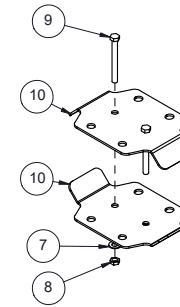
510314 - BDL, PIPE HOLDER - 6IN - 2 PIPE



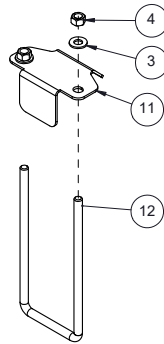
510309 - BDL, PIPE HOLDER - 2 PIPE



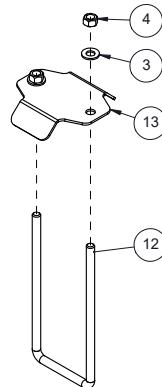
510303-1
BDL, HANGER- 4 PIPE
DISTRIBUTION



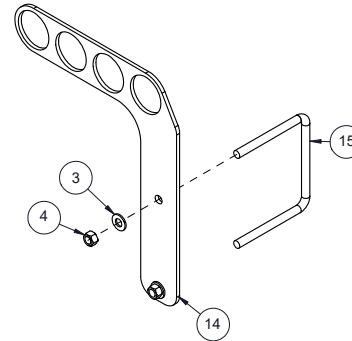
510304
BDL, HANGER-3 PIPE
DISTRIBUTION



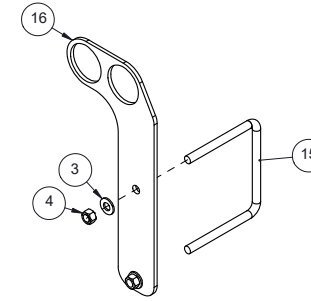
510338
BDL, HANGER - SINGLE PIPE - DISTRIBUTION



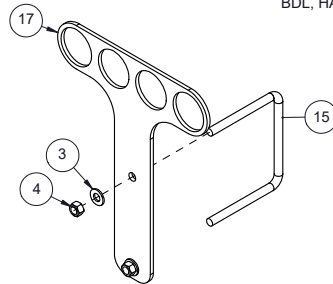
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BDL, HANGER - 2 PIPE- DISTRIBUTION



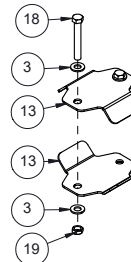
510216
BDL, PIPE HOLDER- DISTRIBUTION - 4 PIPE
OFFSET



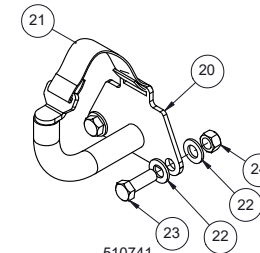
510219
BDL, PIPE HOLDER-DISTRIBUTION - 2 PIPE
OFFSET



510318 - BDL, PIPE HOLDER - DISTRIBUTION - 4 PIPE - CENTER



510358
BDL-HANGER-2 PIPE- DISTRIBUTION

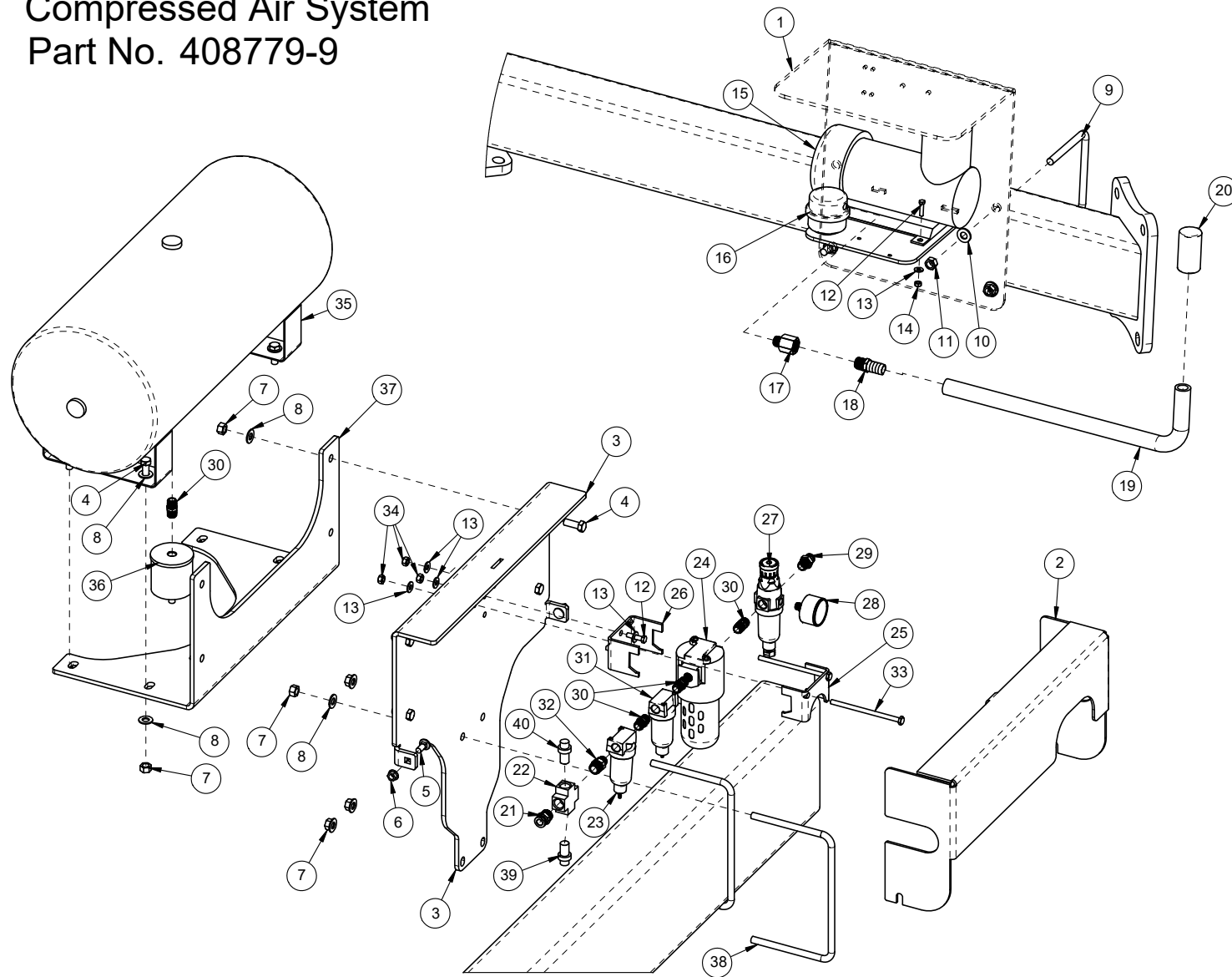


510741
BDL, PIPE HOLDER - DISTRIBUTION - 6IN - 2 PIPE

Compressed Air System

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	402137-1	ASSY, COMPRESSOR MOUNT - PACBRAKE - BLK	40	1	257106	PRESSURE SWITCH - 85/105 PSI ON/OFF - 1/8 NPT - VIAIR #90101
2	1	402118-3	PLATE, FRMD 10 GA IN - COVER - COMPRESSOR RELAY				
3	1	402115-8	PLATE, FRMD 1/4 IN - AIR TANK MOUNT - ZONE COMMAND				
4	8	250036	BOLT, HEX 3/8 X 1 IN GR5 PL				
5	2	250106	BOLT, CARRIAGE - 5/16 X 3/4 IN UNC GR5 PL				
6	2	250403	NUT, FLANGE - 5/16 UNC PL				
7	12	250453	NUT, HEX - 3/8 UNC PL				
8	16	250557	WASHER, FLAT - 3/8 IN GR8 PL				
9	2	250213	BOLT, U-SQ - 1/2 UNC X 6ID X 5 1/2 IN - 2 IN THD - GR5 PL				
10	4	250555	WASHER, FLAT - 1/2 IN - GR8 - PL				
11	4	250450	NUT, HEX 1/2 UNC GR5 PL				
12	6	250033	BOLT, HEX 1/4 X 1 IN GR5 PL				
13	10	250559	WASHER, FLAT - 1/4 IN PL				
14	4	250458	NUT, HEX - 1/4 UNC PL				
15	1	257112	COMPRESSOR, KIT - 12VDC - PACBRAKE #HP10626				
16	1	257109	FILTER, COMPRESSOR INTAKE - HOUSING W/FILTER				
17	1	260570	ADAPTOR, BRASS - REDUCER - 3/8 MPT X 1/2 FPT				
18	1	260571	ADAPTOR, BRASS - 1/2 MPT X 3/4 HB				
19	1	256527	HOSE, RUBBER 3/4 IN (200 PSI)				
20	1	260490	SCREEN, PRE-FILTER, COMPRESSOR INTAKE				
21	1	260520	CONNECTOR, 3/8 NPT M X 3/8 PUSH ON - AIR				
22	1	260535	ADAPTOR, BRASS - CROSS - 3/8 MPT - FEMALE				
23	1	260574	FILTER, PARTICULATE - 14F15BB				
24	1	260573	DRYER, AIR - DESICCANT - WILKERSON - X06-02-000				
25	1	402132	SHEET, FRMD 10 GA - MOUNT PLATE - FRT - BLK				
26	1	402129	SHEET, FRMD 10 GA - MOUNT PLATE - REAR - BLK				
27	1	260503	REGULATOR/FILTER, AIR - PARKER - ZONE COMMAND				
28	1	260551	GAUGE, AIR - 1/8 NPT M - 0 - 160 PSI				
29	1	260516	CONNECTOR - 1/4 NPT M X 3/8 PUSH ON - AIR				
30	4	260576	ADAPTOR, BRASS - NIPPLE - 1/4 NPT				
31	1	260575	FILTER, COALESCING - 10F15ED				
32	1	260526	ADAPTOR, BRASS - HEX NIPPLE - 3/8 MPT x 1/4 MPT				
33	2	250573	BOLT, HEX - 1/4 X 4 1/2 UNC - GR5 - PL				
34	4	250507	NUT, LOCK - 1/4 UNC - STOVER - PL				
35	1	257108	TANK, AIR - 5 GAL				
36	1	260513	AUTOMATIC DRIP LEG DRAIN - 1/4 IN - 06D1NA - PARKER				
37	1	402159	PLATE, FRMD 1/4 IN - MOUNT - AIR TANK - BLK				
38	2	250251	BOLT, U-SQ - 3/8 UNC X 8 ID X 5 1/2 IN - 2 IN THD - GR8 PL				
39	1	260504	VALVE, RELIEF - AIR - PARKER				

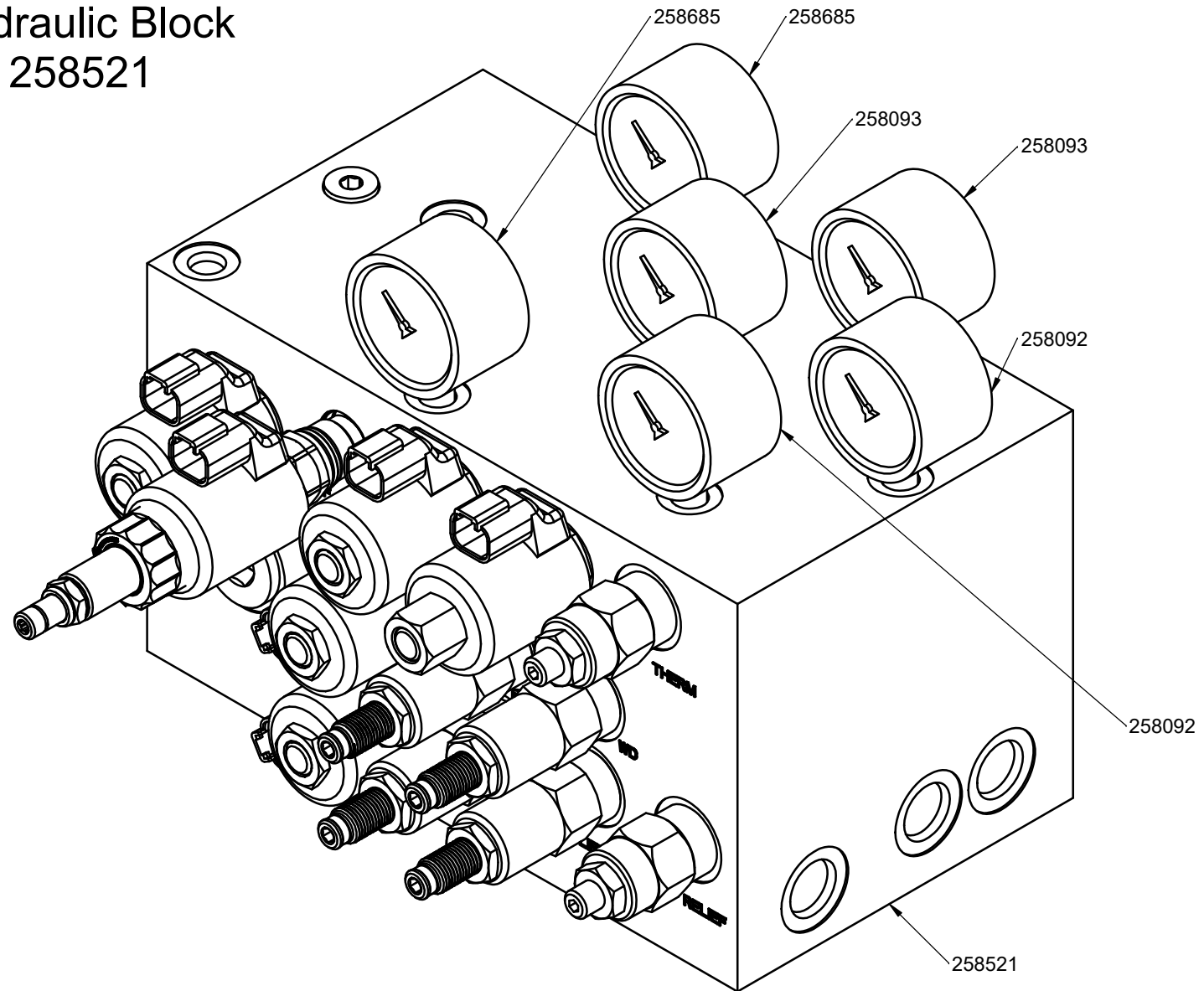
Compressed Air System Part No. 408779-9



Main Hydraulic Block

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
-	0	258521	MANIFOLD, HYD - MAIN - DEUTSCH - EATON				
5868	1	258685	GAUGE, PRESSURE - 4000 PSI - 04 ORB M - GLYCERINE FILLED				
2023	1	220230	VALVE, SOLENOID - LOAD SENSE BLEED - SBV11-10				
5809	1	258092	GAUGE, PRESSURE - SPG-63-1500-S-U - GLYCERINE FILLED				
5809	1	258093	GAUGE, PRESSURE - SPG-63-3000-S-U - GLYCERINE				
5826	1	258265	VALVE, MAIN STAGE RELIEF - SUN RPEC-8WN - SHANK PRESSURE				
5826	1	258266	VALVE, PWM PILOT STAGE - SUN RBAP-LBN - 150-1500 PSI W/MANUAL OV				
5830	1	258306	CAVITY PLUG - SUN T-10A CAVITY - XFCA				
5830	1	258307	CAVITY PLUG - DELTA 4W				
5834	1	258349	VALVE, PRES-RED – EATON PRV2-10-S-0-35/15				
5835	1	258351	VALVE, PRES-RED – EATON PRV2-10-S-0-25/15				
5835	1	258352	VALVE, SOLENOID 4W2P - EATON SV2-10-4-0-00				
5835	1	258354	VALVE, SOLENOID - OUTER WING - EATON SV4-10-0				
5835	1	258355	VALVE, SOLENOID - FAST WING - EATON SV4-10-3				
5835	1	258356	VALVE, RELIEF - THERMAL - EATON 1DR30P20S-SP2500				
5835	1	258357	VALVE, CHECK - WING - EATON CV310P03				
5836	1	258360	VALVE, RELIEF – TANK LINE – EATON 1DR30P10S				
5851	1	258514	VALVE, PILOT TO SHIFT - BUCHER DCPS-12-N-F-F-0-240				
5852	1	258522	COIL, 12V – EATON MCSCH012DN				
5852	1	258523	COIL, 12V - EATON MCSCJ012DN				

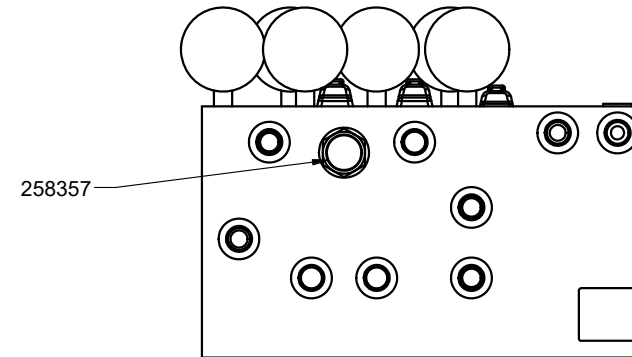
Main Hydraulic Block Part No. 258521



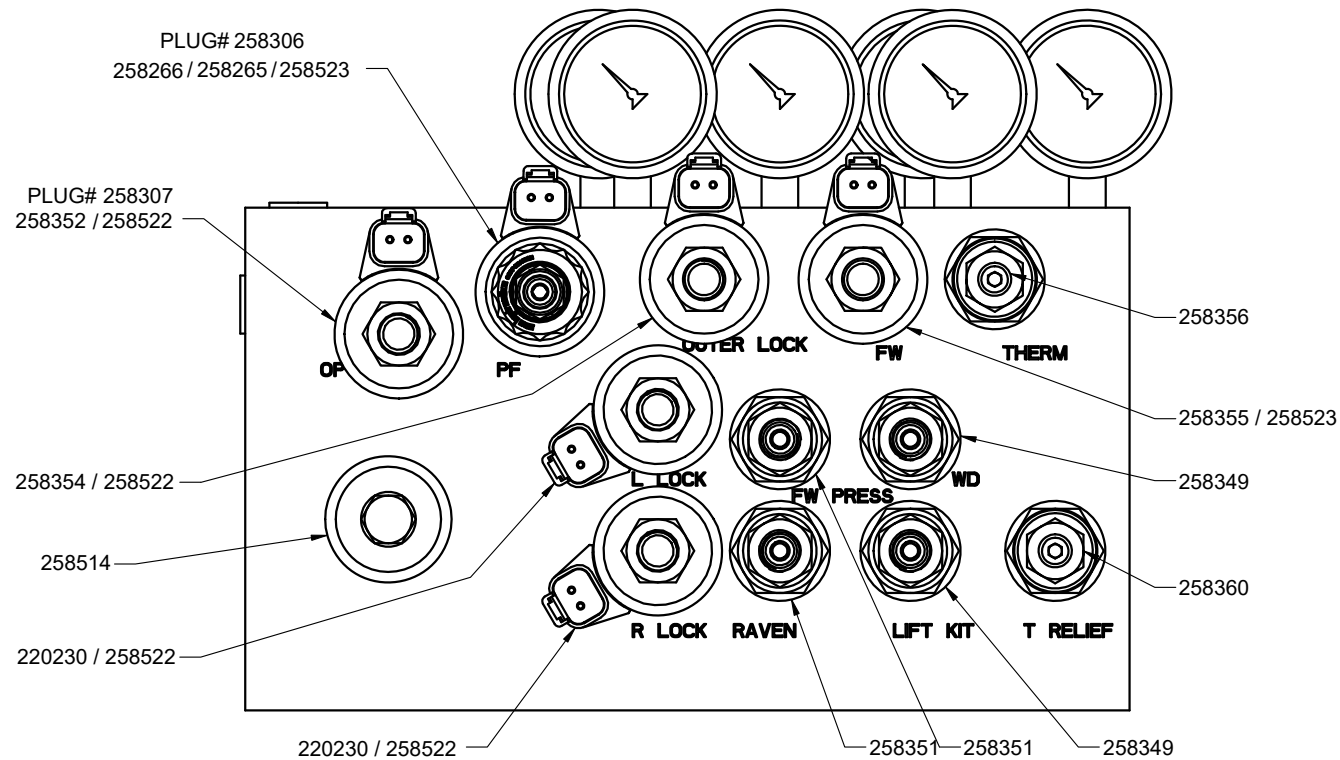
Main Hydraulic Block

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
2023	1	220230	VALVE, SOLENOID - LOAD SENSE BLEED - SBV11-10				
5809	1	258092	GAUGE, PRESSURE - SPG-63-1500-S-U - GLYCERINE FILLED				
5809	1	258093	GAUGE, PRESSURE - SPG-63-3000-S-U - GLYCERINE				
5826	1	258265	VALVE, MAIN STAGE RELIEF - SUN RPEC-8WN - SHANK PRESSURE				
5826	1	258266	VALVE, PWM PILOT STAGE - SUN RBAP-LBN - 150-1500 PSI W/MANUAL OV				
5830	1	258306	CAVITY PLUG - SUN T-10A CAVITY - XFCA				
5830	1	258307	CAVITY PLUG - DELTA 4W				
5834	1	258349	VALVE, PRES-RED – EATON PRV2-10-S-0-35/15				
5835	1	258351	VALVE, PRES-RED – EATON PRV2-10-S-0-25/15				
5835	1	258352	VALVE, SOLENOID 4W2P - EATON SV2-10-4-0-00				
5835	1	258354	VALVE, SOLENOID - OUTER WING - EATON SV4-10-0				
5835	1	258355	VALVE, SOLENOID - FAST WING - EATON SV4-10-3				
5835	1	258356	VALVE, RELIEF - THERMAL - EATON 1DR30P20S-SP2500				
5835	1	258357	VALVE, CHECK - WING - EATON CV310P03				
5836	1	258360	VALVE, RELIEF – TANK LINE – EATON 1DR30P10S				
5851	1	258514	VALVE, PILOT TO SHIFT - BUCHER DCPS-12-N-F-F-0-240				
5852	1	258522	COIL, 12V – EATON MCSCH012DN				
5852	1	258523	COIL, 12V - EATON MCSCJ012DN				

Main Hydraulic Block Part No. 258521



NOTE: INSTALL CAVITY PLUGS (258307 / 258306)
IN MAIN BLOCK WHEN USING SMART OPENERS

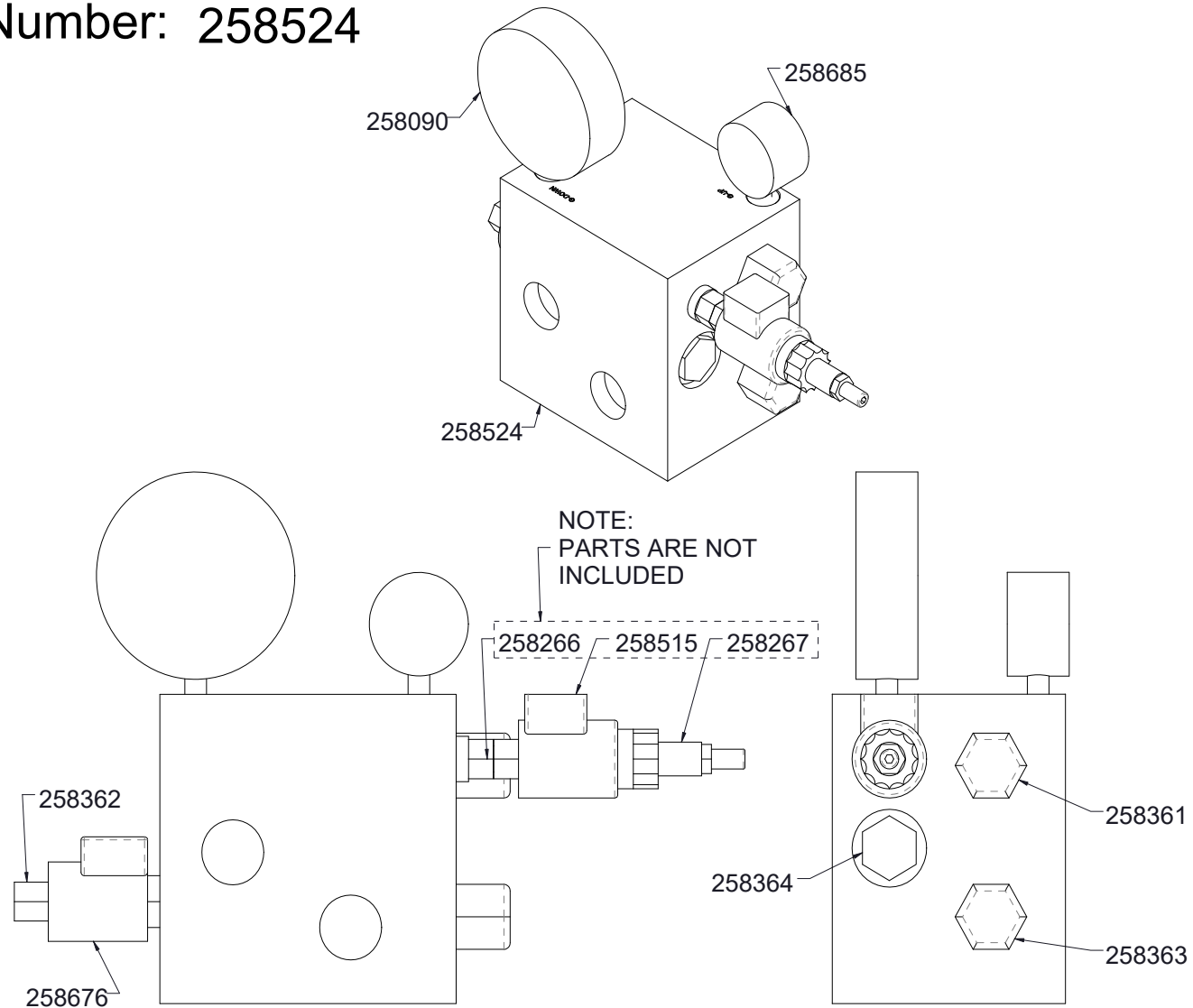


Smart Openers Hydraulic Manifold

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
-	0	258524	MANIFOLD, HYD - SMART OPENERS - DEUTSCH - EATON				
5868	1	258685	GAUGE, PRESSURE - 4000 PSI - 04 ORB M - GLYCERINE FILLED				
5809	1	258090	GAUGE, PRESSURE - SPG-100-2000-SU-7/16 - GLYCERINE FILLED				
5809	1	258093	GAUGE, PRESSURE - SPG-63-3000-S-U - GLYCERINE				
5826	1	258266	VALVE, PWM PILOT STAGE - SUN RBAP-LBN - 150-1500 PSI W/MANUAL OV				
5826	1	258267	VALVE, REDUCING/RELIEVING - SUN PPFB-8WN - SMARTOPENERS				
5836	1	258361	VALVE, PILOT TO SHIFT - EATON PTS2-16-0-160				
5836	1	258362	VALVE, SOLENOID - EATON SV4-8-3-0-00				
5836	1	258363	VALVE, PILOT TO SHIFT - EATON PTS3-16-0-160				
5836	1	258364	VALVE, CHECK - EATON CV11-12-P-0-2.5				
5851	1	258515	COIL, SOLENOID - 12 VOLT - 770-212 - SUN				
5867	1	258676	COIL, SOLENOID 12V - MCSCS012DN000010				

Smart Openers Hydraulic Block

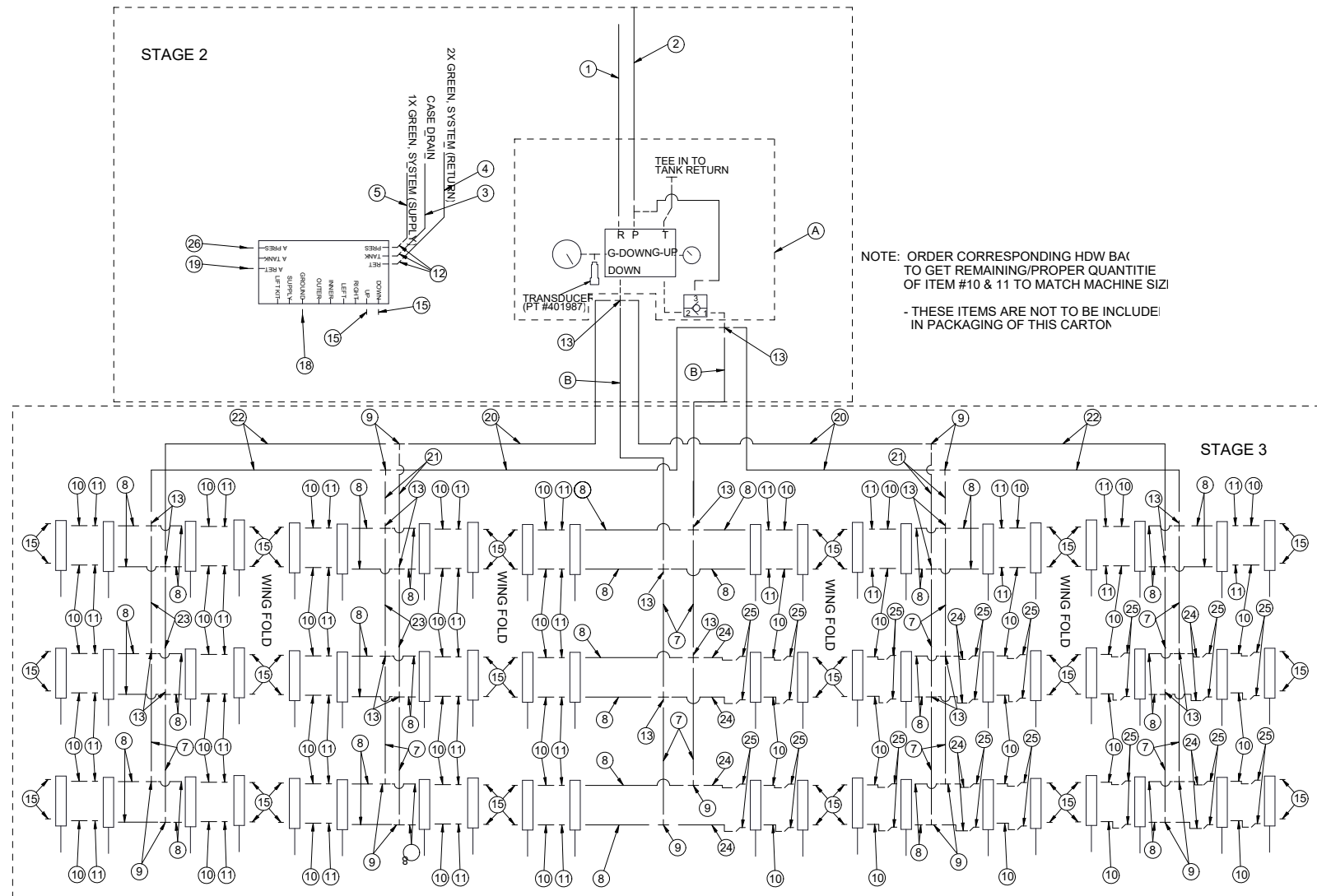
Part Number: 258524



M50-60 Hydraulic Schematic Smart Openers

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
B	2	258218-1	HOSE, 1/2-2WB X 30LOA - 08JI C F-SW X 08JIC F-SW				
A	1	258524	MANIFOLD, HYD - SMART OPENERS - DEUTSCH - EATON				
1	1	401202-3	ASSY, HOSE - 1/2-2WB X 280LOA - C/W FITTINGS - 2RED				
2	1	401203-1	ASSY, HOSE - 1/2-2WB X 280 LOA - C/W FITTINGS - 1RED				
3	1	401204-1	ASSY, HOSE - 1/2-2WB X 264 LOA - C/W FITTINGS				
4	1	401205-1	ASSY, HOSE - 1/2-2WB X 264 LOA - C/W FITTINGS - 2GRN				
5	1	401206-1	ASSY, HOSE - 1/2-2WB X 264LOA - C/W FITTINGS - 1GRN				
7	16	258137	HOSE, 1/2-2WB X 48LOA - 08JIC F-SW X 08JIC F-SW				
8	48	258102	HOSE, 3/8-2WB X 26 LOA - 08 JIC F-SW X 06 ORB M				
9	14	258028	TEE, 08 JIC M X M X M				
10	0	*	OPENER HOSE - VARIES BY MACHINE WIDTH & SPACING				
11	0	258051	CONNECTOR, 06 ORB M X 06 JIC M				
12	3	258383	EL, 45D - 08 JIC M X 08 ORB M				
13	22	258035	CROSS, 08 JIC M X M X M X M				
15	62	258041	PLUG, 06 ORB M				
18	1	258097	BREATHER, 06ORB M - SINTERED BRONZE				
19	1	258042	PLUG, 08 ORB M				
20	4	258657-1	HOSE, 1/2-2WB X 213 LOA - 08 JIC F-SW X 08 JIC F-SW				
21	4	258218-1	HOSE, 1/2-2WB X 30LOA - 08JI C F-SW X 08JIC F-SW				
22	4	258661-1	HOSE, 1/2-2WB X 144 LOA - 08 JIC F-SW X 08 JIC F-SW				
23	4	258389	HOSE, 1/2-2WB X 60 LOA - 08 JIC F-SW X 08 JIC F-SW				
24	12	258684	HOSE, 3/8-2WB X 26 LOA - 08 JIC F-SW X 06 JIC F-SW				
25	0	258016	EL, 45D - 06 JIC M X 06 ORB M				
26	1	258050	CONNECTOR, 08 ORB M X 08 JIC M				

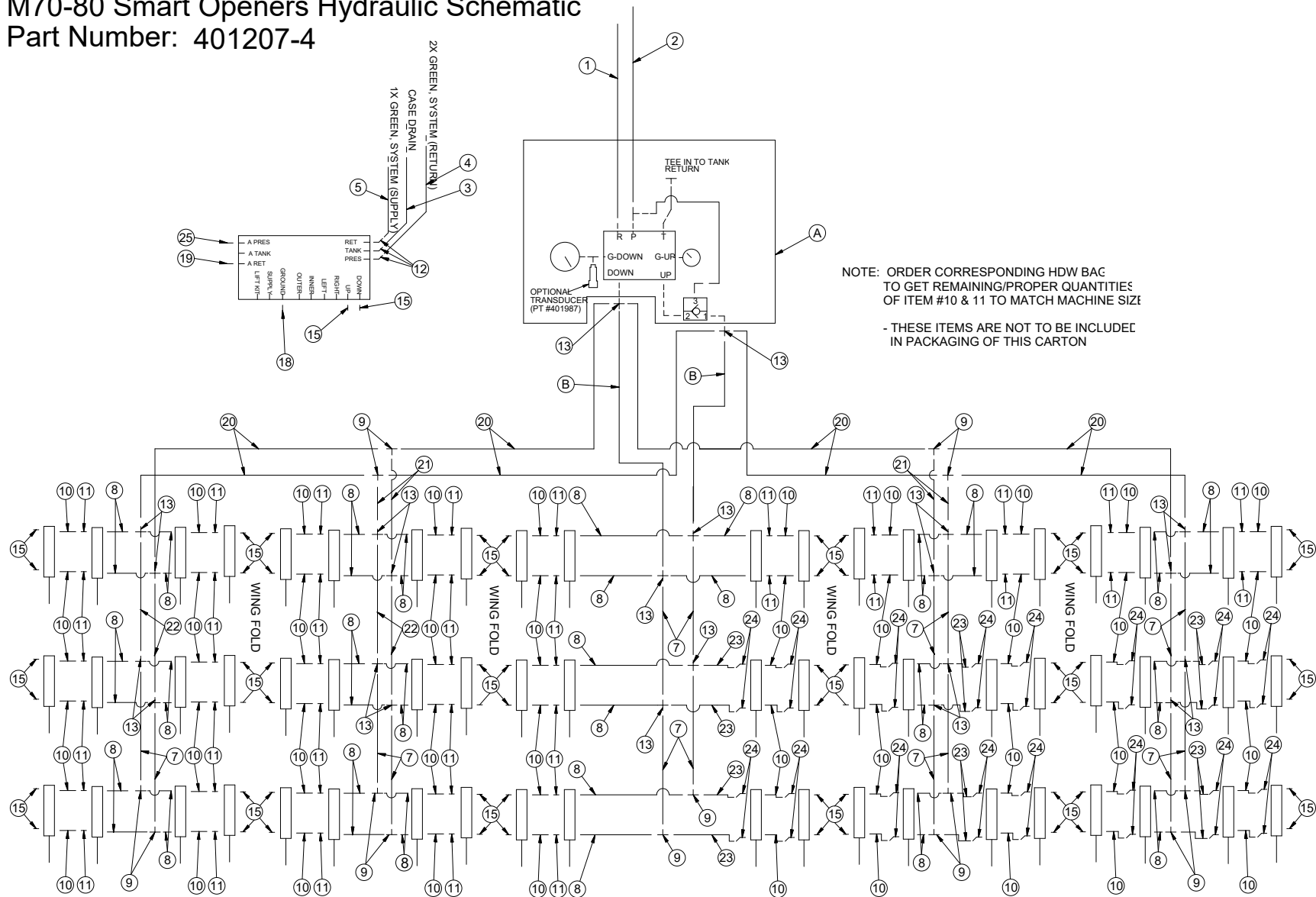
M50-M60 Smart Openers Hydraulic Schematic Part Number: 401208-5



M70-80 Hydraulic Schematic Smart Openers

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
B	2	258218-1	HOSE, 1/2-2WB X 30LOA - 08JI C F-SW X 08JIC F-SW				
A	1	258254	SMART BLOCK				
1	1	401202-3	ASSY, HOSE - 1/2-2WB X 280LOA - C/W FITTINGS - 2RED				
2	1	401203-1	ASSY, HOSE - 1/2-2WB X 280 LOA - C/W FITTINGS - 1RED				
3	1	401204-1	ASSY, HOSE - 1/2-2WB X 264 LOA - C/W FITTINGS				
4	1	401205-1	ASSY, HOSE - 1/2-2WB X 264 LOA - C/W FITTINGS - 2GRN				
5	1	401206-1	ASSY, HOSE - 1/2-2WB X 264LOA - C/W FITTINGS - 1GRN				
7	16	258137	HOSE, 1/2-2WB X 48LOA - 08JIC F-SW X 08JIC F-SW				
8	48	258102	HOSE, 3/8-2WB X 26 LOA - 08 JIC F-SW X 06 ORB M				
9	14	258028	TEE, 08 JIC M X M X M				
10	0	*	OPENER HOSE - VARIES BY MACHINE WIDTH & SPACING				
11	0	258051	CONNECTOR, 06 ORB M X 06 JIC M				
12	3	258383	EL, 45D - 08 JIC M X 08 ORB M				
13	22	258035	CROSS, 08 JIC M X M X M X M				
15	62	258041	PLUG, 06 ORB M				
18	1	258097	BREATHER, 06ORB M - SINTERED BRONZE				
19	1	258042	PLUG, 08 ORB M				
20	8	258656-1	HOSE, 1/2-2WB X 210 LOA - 08 JIC F-SW X 08 JIC F-SW				
21	4	258218-1	HOSE, 1/2-2WB X 30LOA - 08JI C F-SW X 08JIC F-SW				
22	4	258389	HOSE, 1/2-2WB X 60 LOA - 08 JIC F-SW X 08 JIC F-SW				
23	12	258684	HOSE, 3/8-2WB X 26 LOA - 08 JIC F-SW X 06 JIC F-SW				
24	0	258016	EL, 45D - 06 JIC M X 06 ORB M				
25	1	258050	CONNECTOR, 08 ORB M X 08 JIC M				

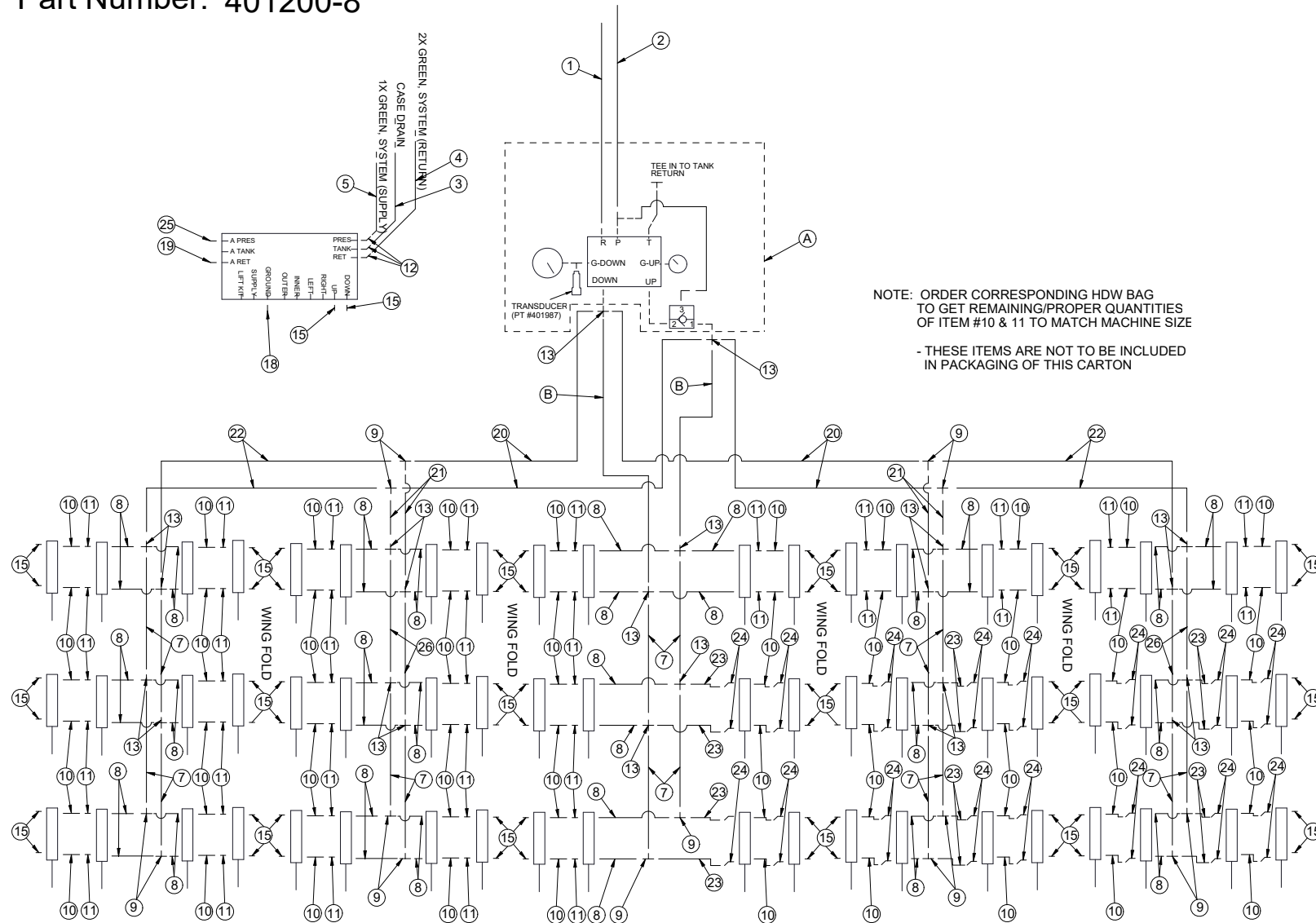
M70-80 Smart Openers Hydraulic Schematic Part Number: 401207-4



Wide M Hydraulic Schematic Smart Openers

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
B	2	258218-1	HOSE, 1/2-2WB X 30LOA - 08JI C F-SW X 08JIC F-SW				
A	1	401625-4	CTN, HYD - SMART OPENERS - ADD ON				
1	1	401202-3	ASSY, HOSE - 1/2-2WB X 280LOA - C/W FITTINGS - 2RED				
2	1	401203-1	ASSY, HOSE - 1/2-2WB X 280 LOA - C/W FITTINGS - 1RED				
3	1	401204-1	ASSY, HOSE - 1/2-2WB X 264 LOA - C/W FITTINGS				
4	1	401205-1	ASSY, HOSE - 1/2-2WB X 264 LOA - C/W FITTINGS - 2GRN				
5	1	401206-1	ASSY, HOSE - 1/2-2WB X 264LOA - C/W FITTINGS - 1GRN				
7	16	258137	HOSE, 1/2-2WB X 48LOA - 08JIC F-SW X 08JIC F-SW				
8	48	258102	HOSE, 3/8-2WB X 26 LOA - 08 JIC F-SW X 06 ORB M				
9	14	258028	TEE, 08 JIC M X M X M				
10	0	*	OPENER HOSE - VARIES BY MACHINE WIDTH & SPACING				
11	0	258051	CONNECTOR, 06 ORB M X 06 JIC M				
12	3	258383	EL, 45D - 08 JIC M X 08 ORB M				
13	22	258035	CROSS, 08 JIC M X M X M X M				
15	62	258041	PLUG, 06 ORB M				
18	1	258097	BREATHER, 06ORB M - SINTERED BRONZE				
19	1	258042	PLUG, 08 ORB M				
20	4	258655-1	HOSE, 1/2-2WB X 273 LOA - 08 JIC F-SW X 08 JIC F-SW				
21	4	258218-1	HOSE, 1/2-2WB X 30LOA - 08JI C F-SW X 08JIC F-SW				
22	4	258715	HOSE, 1/2-2WB X 195LOA - 08JIC F-SW X 08JIC F-SW				
23	12	258684	HOSE, 3/8-2WB X 26 LOA - 08 JIC F-SW X 06 JIC F-SW				
24	0	258016	EL, 45D - 06 JIC M X 06 ORB M				
25	1	258050	CONNECTOR, 08 ORB M X 08 JIC M				
26	4	258389	HOSE, 1/2-2WB X 60 LOA - 08 JIC F-SW X 08 JIC F-SW				

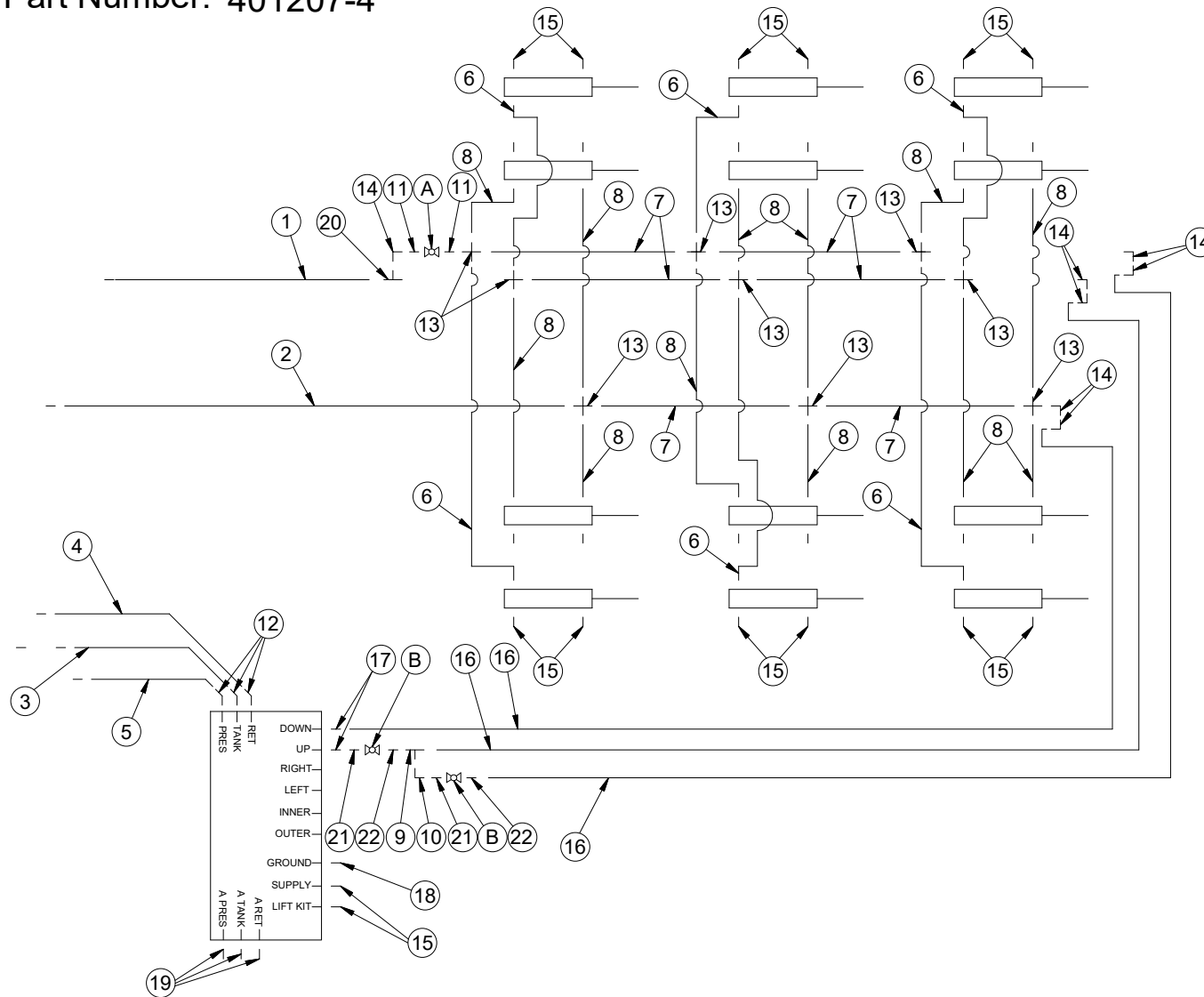
Wide M Smart Openers Hydraulic Schematic Part Number: 401200-8



Hydraulic Schematic Non-Smart Opener Spacing Locks for M80 Toolbar

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
A	1	258080	VALVE, BALL - 1/2 NPT F X 1/2 NPT F - C/W HANDLE				
B	2	258081	VALVE, BALL - 06 NPT F X 06 NPT F - C/W HANDLE				
1	1	401202-2	ASSY, HOSE - 1/2-2WB X 280LOA - C/W FITTINGS				
2	1	401203-1	ASSY, HOSE - 1/2-2WB X 280 LOA - C/W FITTINGS - 1RED				
3	1	401204-1	ASSY, HOSE - 1/2-2WB X 264 LOA - C/W FITTINGS				
4	1	401205-1	ASSY, HOSE - 1/2-2WB X 264 LOA - C/W FITTINGS - 2GRN				
5	1	401206-1	ASSY, HOSE - 1/2-2WB X 264LOA - C/W FITTINGS - 1GRN				
6	6	258316	HOSE, 3/8-2WB X 75LOA - 08 JIC F-SW X 06 ORB M				
7	6	258137	HOSE, 1/2-2WB X 48LOA - 08JIC F-SW X 08JIC F-SW				
8	12	258102	HOSE, 3/8-2WB X 26 LOA - 08 JIC F-SW X 06 ORB M				
9	1	258025	TEE, 06 JIC F-SW X 06 JIC M X 06 JIC M - RUN				
10	1	258005	EL, 90D - 06 JIC M X 06 JIC F-SW				
11	2	258066	CONNECTOR, 1/2 NPT M X 08 JIC F-SW				
12	3	258383	EL, 45D - 08 JIC M X 08 ORB M				
13	9	258035	CROSS, 08 JIC M X M X M X M				
14	7	258000	EL, 90D - 08 JIC M X 08 JIC F-SW				
15	14	258041	PLUG, 06 ORB M				
16	3	258122	HOSE, 3/8-2WB X 137LOA - 08JIC F-SW X 06 JIC F-SW				
17	2	258051	CONNECTOR, 06 ORB M X 06 JIC M				
18	1	258097	BREATHER, 06ORB M - SINTERED BRONZE				
19	3	258042	PLUG, 08 ORB M				
20	1	258020	TEE, 08 JIC F-SW X 08 JIC M X 08 JIC M - RUN				
21	2	257994	CONNECTOR, 3/8 NPT M X 06 JIC F-SW				
22	2	257995	CONNECTOR, 3/8 NPT M X 06 JIC M				

Non-Smart Opener Spacing Locks for M80 Hydraulic Schematic Part Number: 401207-4



Opener Spacing Locks for Std Toolbar Hydraulic Schematic

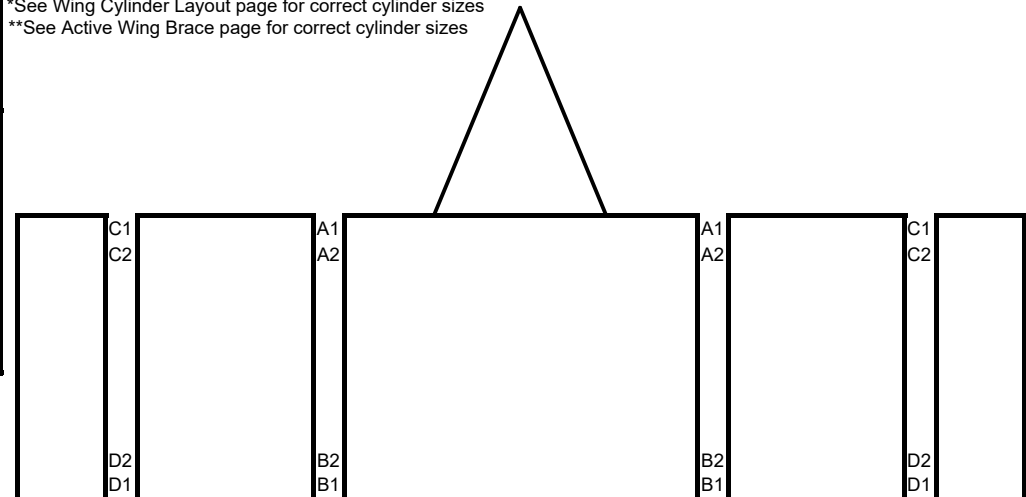
Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	401004-1	ASSY, HOSE - 1/2-2WB X 220 LOA - C/W FITTINGS - 2RED				
2	1	401005-1	ASSY, HOSE - 1/2-2WB X 220 LOA - C/W FITTINGS - 1RED				
3	1	401006-2	ASSY, HOSE - 1/2-2WB X 204 LOA - C/W FITTINGS				
4	1	401007-1	ASSY, HOSE - 1/2-2WB X 204 LOA - C/W FITTINGS - 2GRN				
5	1	401008-1	ASSY, HOSE - 1/2-2WB X 204 LOA - C/W FITTINGS - 1GRN				
6	6	258316	HOSE, 3/8-2WB X 75LOA - 08 JIC F-SW X 06 ORB M				
7	6	258137	HOSE, 1/2-2WB X 48LOA - 08JIC F-SW X 08JIC F-SW				
8	12	258102	HOSE, 3/8-2WB X 26 LOA - 08 JIC F-SW X 06 ORB M				
9	1	258025	TEE, 06 JIC F-SW X 06 JIC M X 06 JIC M - RUN				
10	1	258005	EL, 90D - 06 JIC M X 06 JIC F-SW				
11	2	258066	CONNECTOR, 1/2 NPT M X 08 JIC F-SW				
12	3	258383	EL, 45D - 08 JIC M X 08 ORB M				
13	9	258035	CROSS, 08 JIC M X M X M X M				
14	7	258000	EL, 90D - 08 JIC M X 08 JIC F-SW				
15	14	258041	PLUG, 06 ORB M				
16	3	258122	HOSE, 3/8-2WB X 137LOA - 08JIC F-SW X 06 JIC F-SW				
17	2	258051	CONNECTOR, 06 ORB M X 06 JIC M				
18	1	258097	BREATHER, 06ORB M - SINTERED BRONZE				
19	3	258042	PLUG, 08 ORB M				
20	1	258020	TEE, 08 JIC F-SW X 08 JIC M X 08 JIC M - RUN				
21	2	257994	CONNECTOR, 3/8 NPT M X 06 JIC F-SW				
22	2	257995	CONNECTOR, 3/8 NPT M X 06 JIC M				
A	1	258080	VALVE, BALL - 1/2 NPT F X 1/2 NPT F - C/W HANDLE				
B	2	258081	VALVE, BALL - 06 NPT F X 06 NPT F - C/W HANDLE				

Hydraulic Cylinder Layout									
	Machine	A1	A2	B1	B2	C1	C2	D1	D2
40C	4012	258510	-	258520	-	-	-	-	-
	41'8"-10	258510	-	258520	-	-	-	-	-
	4212	258510	-	258520	-	-	-	-	-
	43'4"-10	258510	-	258520	-	-	-	-	-
	4412	258520	-	258520	-	-	-	-	-
STD 3 PLEX	4010	258520	-	258520	-	-	-	-	-
	4012	258520	-	258520	-	-	-	-	-
	41'8"-10	258520	-	258520	-	-	-	-	-
	4212	258520	-	258520	-	-	-	-	-
	4410	258520	-	258520	-	-	-	-	-
WIDE 3 PLEX	4412	258520	-	258520	-	-	-	-	-
	4610	258520	-	258520	-	-	-	-	-
	4612	258520	-	258520	-	-	-	-	-
	4810	258520	-	258520	-	-	-	-	-
	4812	258520	-	258520	-	-	-	-	-
5 PLEX	5010	258520	-	258520	-	-	-	-	-
	5012	258520	-	258520	-	-	-	-	-
	5010	258520	-	258520	-	258510	-	258510	-
	5012	258520	-	258520	-	258510	-	258510	-
	6010	258520	-	258520	258520	258510	-	258510	-
	6012	258520	-	258520	258520	258510	-	258510	-
	61'8"-10	258520	-	258520	258520	258510	-	258510	-
	6212	258520	-	258520	258520	258510	-	258510	-
	63'4"-10	258520	-	258520	258520	258510	-	258510	-
	6412	258520	-	258520	258520	258510	-	258510	-
	6510	258520	258510	258520	258520	258510	-	258510	-
	6612	258520	-	258520	258520	258510	-	258510	-

Wing Cylinder Layout - Standard Frame

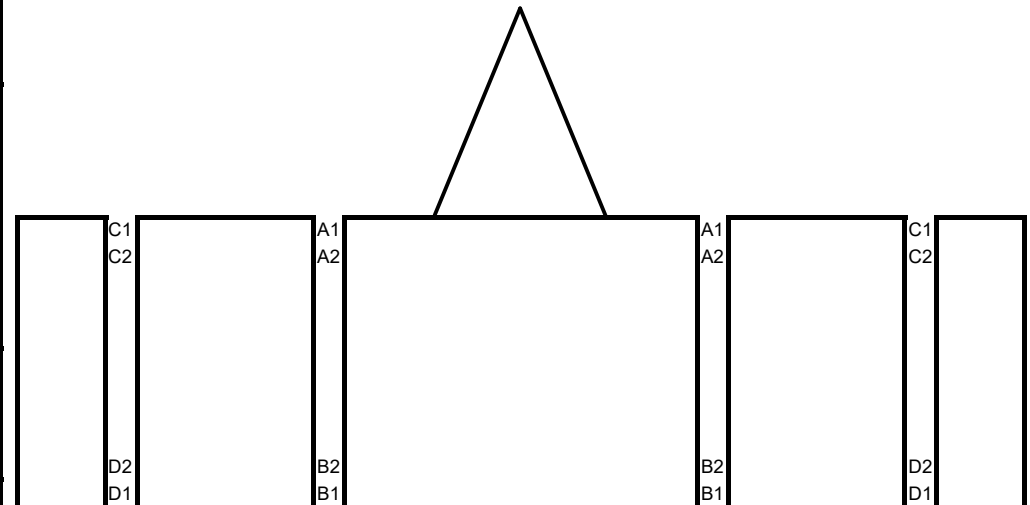
Location	Cylinder		Seal Kit
	Description	Part No.	Part No.
Opener	1-3/4 x 4	258500	258474
STD Wing*	3 x 24	258510	258478
STD Wing*	4 x 24	258520	258480
M-Fold Wing*	3 x 32	258548	258479
M-Fold Wing*	4-1/2 x 32	258554	258481
Smart Hitch Sensor	1-3/4 x 4	258500	258474
Waggle Plate	2-1/2 x 8	258550	258477
Fill Auger	2 x 4	258551	258476
Fill Auger	2 x 8	258552	258476
Lift Kit	3 x 8	258549	258478
Wing Brace**	3 x 8	258549	258478
Wing Brace**	2-1/2 x 8	258550	258477

*See Wing Cylinder Layout page for correct cylinder sizes
 **See Active Wing Brace page for correct cylinder sizes



Hydraulic Cylinder Layout									
	Machine	A1	A2	B1	B2	C1	C2	D1	D2
M50CT	4610	258554	258548	258554	258548	258548	-	258548	-
	4612	258554	258548	258554	258548	258548	-	258548	-
	48'4"-10	258554	258548	258554	258548	258548	-	258548	-
	4812	258554	258548	258554	258548	258548	-	258548	-
	5010	258554	258548	258554	258548	258548	-	258548	-
	5012	258548	258548	258554	258548	258548	-	258554	-
M60CT	51'8"-10	258554	258548	258554	258548	258548	-	258554	-
	5212	258554	258548	258554	258548	258548	-	258554	-
	53'4"-10	258554	258548	258554	258548	258548	-	258554	-
	5412	258554	258548	258554	258548	258548	-	258554	-
	56'8"-10	258554	258548	258554	258548	258548	-	258554	-
	5612	258554	258548	258554	258548	258548	-	258554	-
	58'4"-10	258554	258548	258554	258548	258548	-	258554	-
	5812	258554	258548	258554	258548	258548	-	258554	-
	6010	258554	258548	258554	258548	258548	-	258554	-
	6012	258554	258548	258554	258548	258548	-	258554	-
M70CT	61'8"-10	258554	258554	258554	258554	258548	258548	258548	258548
	6212	258554	258554	258554	258554	258548	258548	258548	258548
	63'4"-10	258554	258554	258554	258554	258548	258548	258548	258548
	6412	258554	258554	258554	258554	258548	258548	258548	258548
	66'8"-10	258554	258554	258554	258554	258554	258548	258554	258548
	6612	258554	258554	258554	258554	258548	258548	258548	258548
	68'4"-10	258554	258554	258554	258554	258554	258548	258554	258548
	6812	258554	258554	258554	258554	258548	258548	258548	258548
	7010	258554	258554	258554	258554	258554	258548	258554	258548
	7012	258554	258554	258554	258554	258548	258548	258548	258548
M80CT	7212	258554	258554	258554	258554	258548	258548	258548	258548
	7412	258554	258554	258554	258554	258548	258548	258554	258548
	7612	258554	258554	258554	258554	258554	258548	258554	258548
	7812	258554	258554	258554	258554	258554	258548	258554	258548
	8012	258554	258554	258554	258554	258554	258548	258554	258548
M90	8212	258554	258554	258554	258554	258554	258548	258554	258548
	8412	258554	258554	258554	258554	258554	258548	258554	258548
	8612	258554	258554	258554	258554	258554	258548	258554	258548
	8812	258554	258554	258554	258554	258554	258548	258554	258548
	9012	258554	258554	258554	258554	258554	258548	258554	258548

Location	Cylinder		Seal Kit
	Description	Part No.	Part No.
Opener	1-3/4 x 4	258500	258474
STD Wing*	3 x 24	258510	258478
STD Wing*	4 x 24	258520	258480
M-Fold Wing*	3 x 32	258548	258479
M-Fold Wing*	4-1/2 x 32	258554	258481
Smart Hitch Sensor	1-3/4 x 4	258500	258474
Waggle Plate	2-1/2 x 8	258550	258477
Fill Auger	2 x 4	258551	258476
Fill Auger	2 x 8	258552	258476
Lift Kit	3 x 8	258549	258478
Wing Brace**	3 x 8	258549	258478
Wing Brace**	2-1/2 x 8	258550	258477

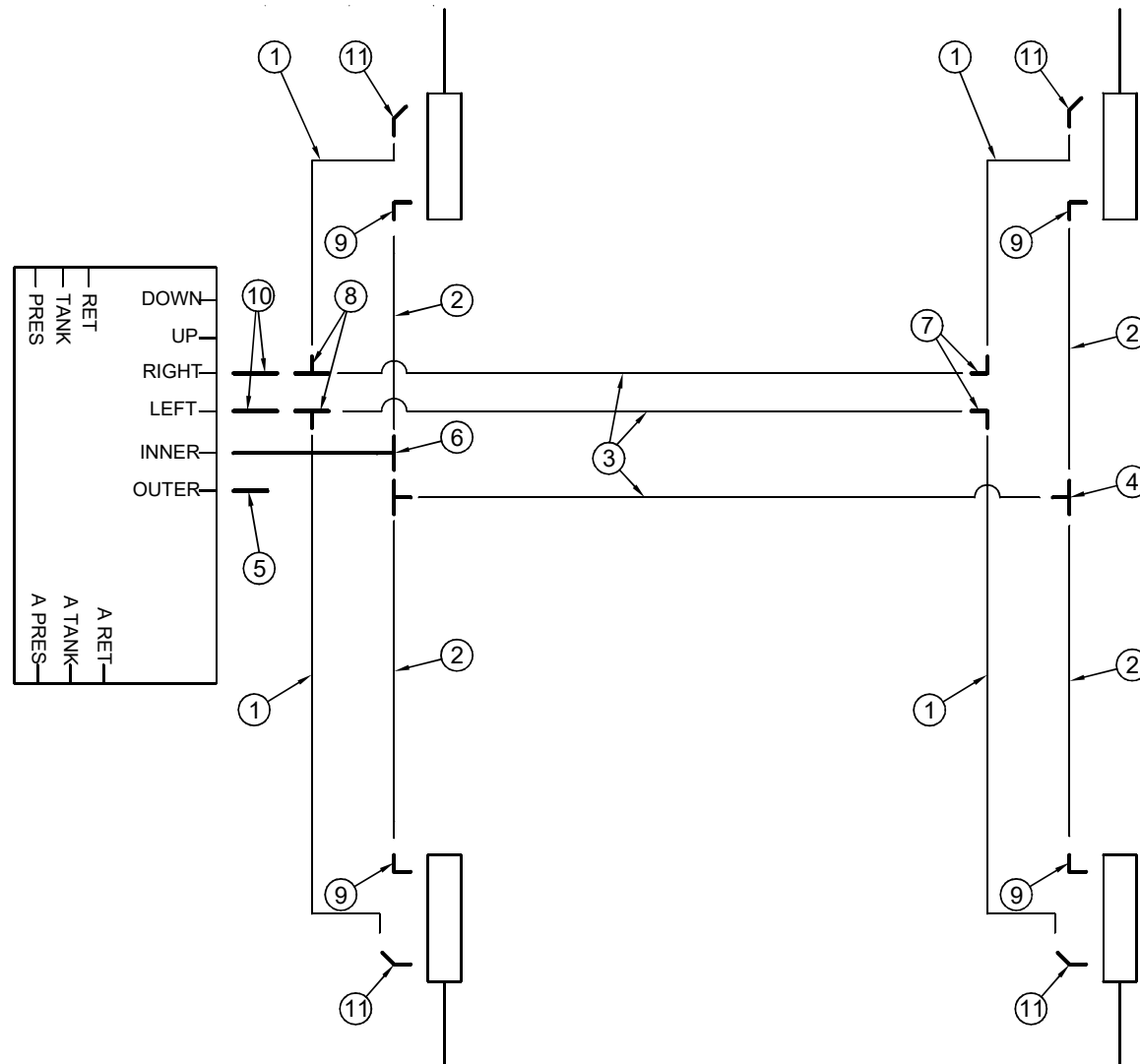


Wing Cylinder Layout - M-Fold Frame

Std 3-plex Wing Fold Hydraulic Schematic

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	4	258107	HOSE, 3/8-2WB X 87LOA - 06JIC F-SW X 06JIC F-SW				
2	4	258447	HOSE, 3/8-2WB X 49LOA - 06JIC F-SW X 06JIC F-SW				
3	3	258153	HOSE, 3/8-2WB X 196LOA - 06 JIC F-SW X 06 JIC F-SW				
4	1	258024	TEE, 06 JIC M X 06 JIC M X 06 JIC M				
5	1	258041	PLUG, 06 ORB M				
6	1	258022	TEE, 06 JIC M X 06 JIC M X 06 ORB M - BRANCH				
7	2	258382	EL, 90D - 06 JIC M X 06 JIC M				
8	3	258025	TEE, 06 JIC F-SW X 06 JIC M X 06 JIC M - RUN				
9	4	258002	EL, 90D - 06 JIC M X 06 ORB M				
10	2	258051	CONNECTOR, 06 ORB M X 06 JIC M				
11	4	258016	EL, 45D - 06 JIC M X 06 ORB M				

STD 3-Plex Wing Fold Hydraulic Schematic Part No. 401010-8

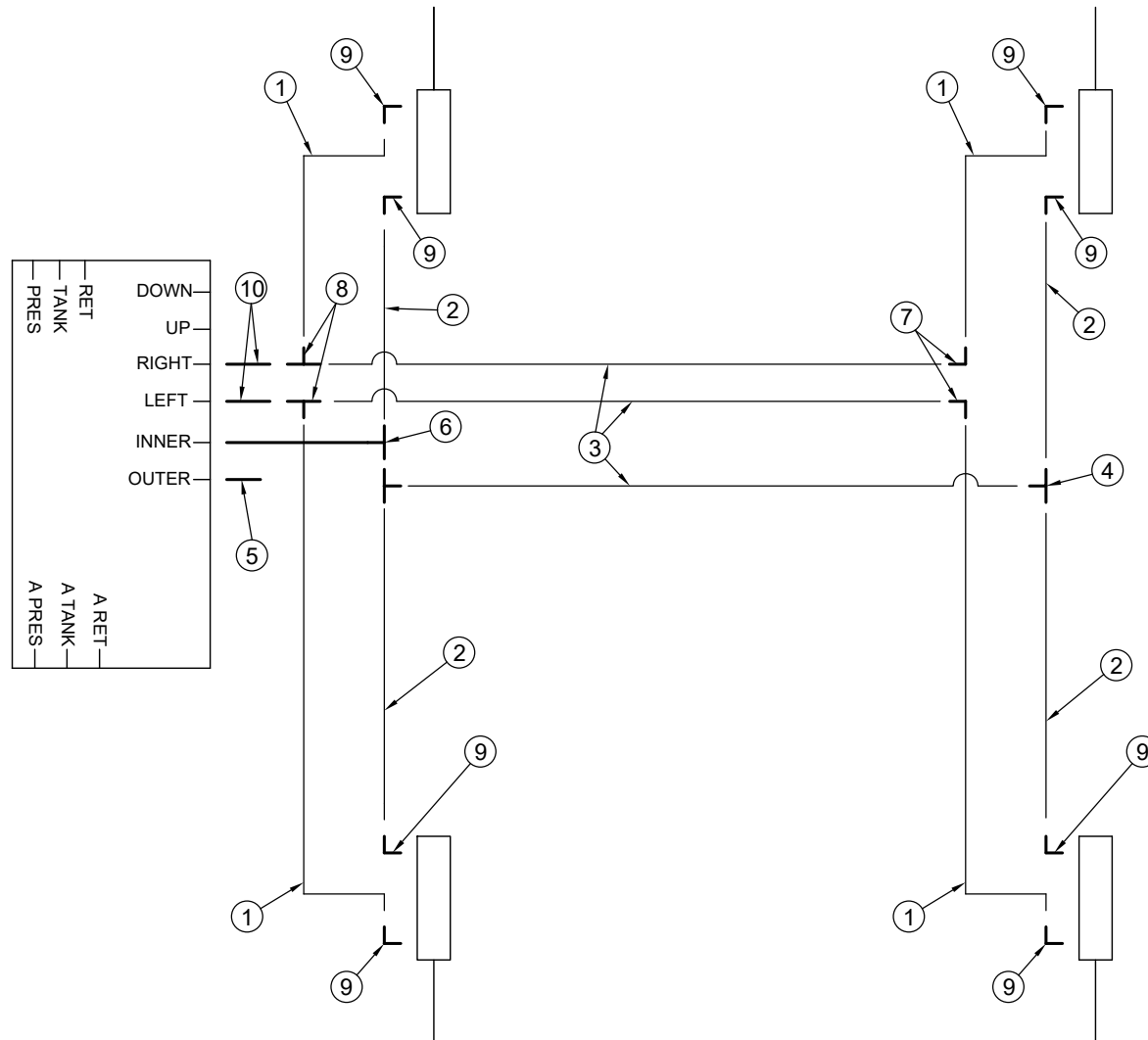


Wide 3-plex Wing Fold Hydraulic Schematic

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	4	258114	HOSE, 3/8-2WB X 107LOA - 06JIC F-SW X 06JIC F-SW				
2	4	258115	HOSE, 3/8-2WB X 81LOA - 06JIC F-SW X 06JIC F-SW				
3	3	258153	HOSE, 3/8-2WB X 196LOA - 06 JIC F-SW X 06 JIC F-SW				
4	1	258024	TEE, 06 JIC M X 06 JIC M X 06 JIC M				
5	1	258041	PLUG, 06 ORB M				
6	1	258022	TEE, 06 JIC M X 06 JIC M X 06 ORB M - BRANCH				
7	2	258382	EL, 90D - 06 JIC M X 06 JIC M				
8	3	258025	TEE, 06 JIC F-SW X 06 JIC M X 06 JIC M - RUN				
9	8	258002	EL, 90D - 06 JIC M X 06 ORB M				
10	1	258051	CONNECTOR, 06 ORB M X 06 JIC M				

Wide 3-Plex Wing Fold Hydraulic Schematic

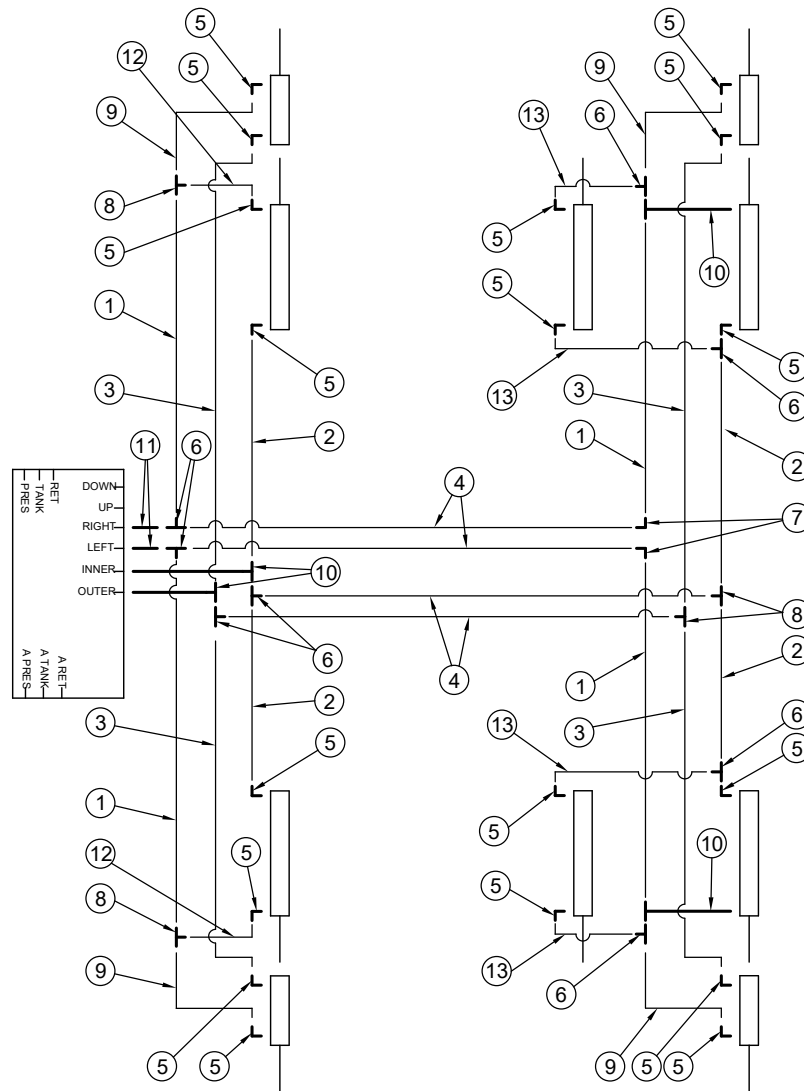
Part Number: 401015-6



STD 5-Plex Wing Fold Hydraulic Schematic

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	4	258114	HOSE, 3/8-2WB X 107LOA - 06JIC F-SW X 06JIC F-SW				
2	4	258115	HOSE, 3/8-2WB X 81LOA - 06JIC F-SW X 06JIC F-SW				
3	4	258162	HOSE, 3/8-2WB X 228LOA - 06 JIC F-SW X 06 JIC F-SW				
4	4	258153	HOSE, 3/8-2WB X 196LOA - 06 JIC F-SW X 06 JIC F-SW				
5	18	258002	EL, 90D - 06 JIC M X 06 ORB M				
6	8	258025	TEE, 06 JIC F-SW X 06 JIC M X 06 JIC M - RUN				
7	2	258382	EL, 90D - 06 JIC M X 06 JIC M				
8	4	258024	TEE, 06 JIC M X 06 JIC M X 06 JIC M				
9	4	258418	HOSE, 3/8-2WB X 146 LOA - 06JIC F-SW X 06JIC F-SW				
10	4	258022	TEE, 06 JIC M X 06 JIC M X 06 ORB M - BRANCH				
11	2	258051	CONNECTOR, 06 ORB M X 06 JIC M				
12	2	258121	HOSE, 3/8-2WB X 16LOA - 06 JIC F-SW X 06 JIC F-SW				
13	4	258186	HOSE, 3/8-2WB X 24 LOA - 06 JIC F-SW X 06 JIC F-SW				

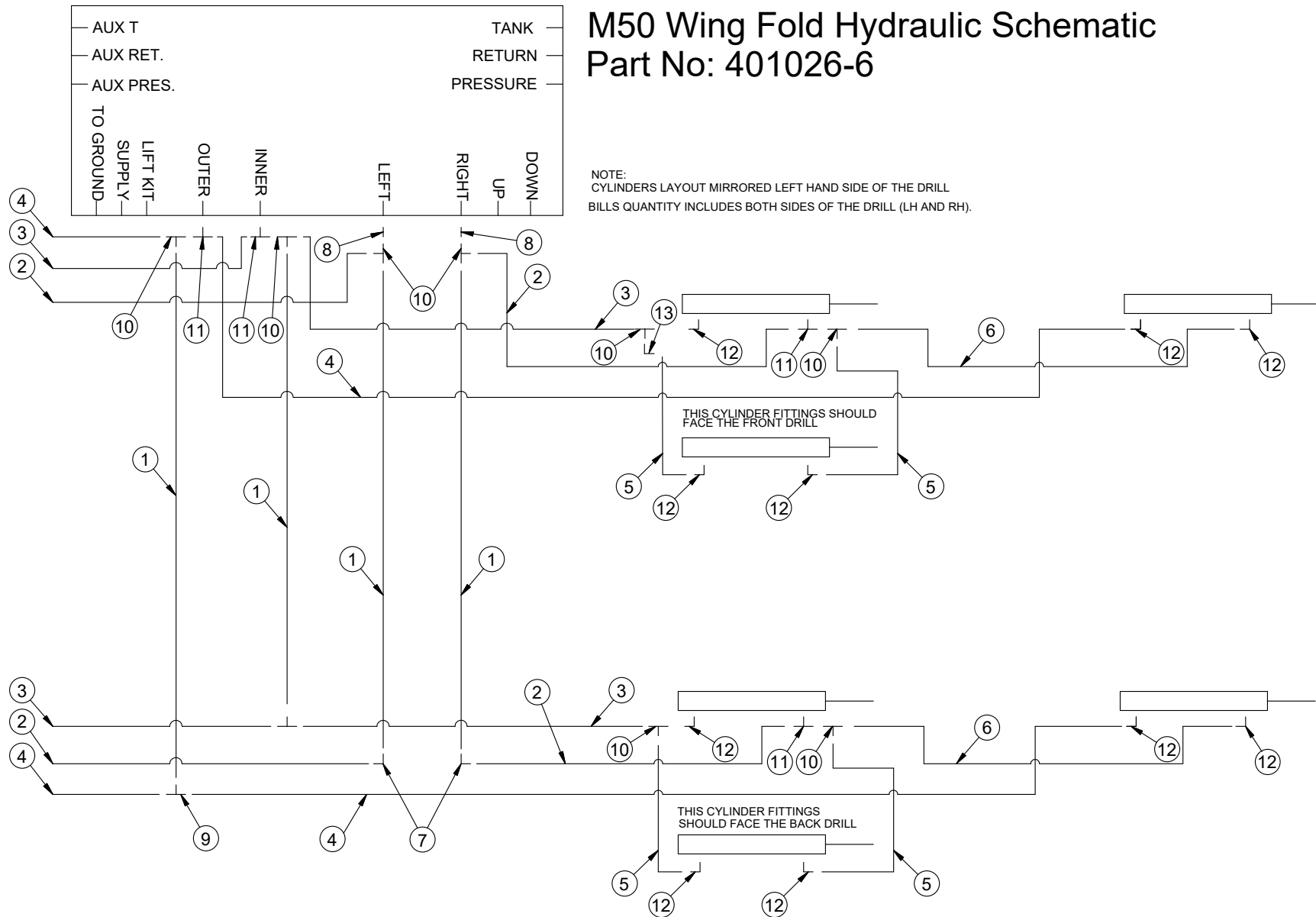
Part Number: 401020-9



M50 Wing Fold

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	4	258153	HOSE, 3/8-2WB X 196LOA - 06 JIC F-SW X 06 JIC F-SW				
2	4	258124-1	HOSE, 3/8-2WB X 85LOA - 06 JIC F-SW X 06 JIC F-SW				
3	4	258110	HOSE, 3/8-2WB X 38LOA - 06JIC F-SW X 06JIC F-SW				
4	4	258334-1	HOSE, 3/8-2WB X 177LOA - 06JIC F-SW X 06 JIC F-SW				
5	8	258700	HOSE, 3/8-2WB X 24LOA - 06 JIC F-SW X 06 JIC F-SW				
6	4	258113	HOSE, 3/8-2WB X 132 1/2LOA - 06JIC F-SW X 06JIC F-SW				
7	2	258382	EL, 90D - 06 JIC M X 06 JIC M				
8	2	258051	CONNECTOR, 06 ORB M X 06 JIC M				
9	2	258024	TEE, 06 JIC M X 06 JIC M X 06 JIC M				
10	12	258025	TEE, 06 JIC F-SW X 06 JIC M X 06 JIC M - RUN				
11	6	258022	TEE, 06 JIC M X 06 JIC M X 06 ORB M - BRANCH				
12	20	258002	EL, 90D - 06 JIC M X 06 ORB M				
13	2	258005	EL, 90D - 06 JIC M X 06 JIC F-SW				

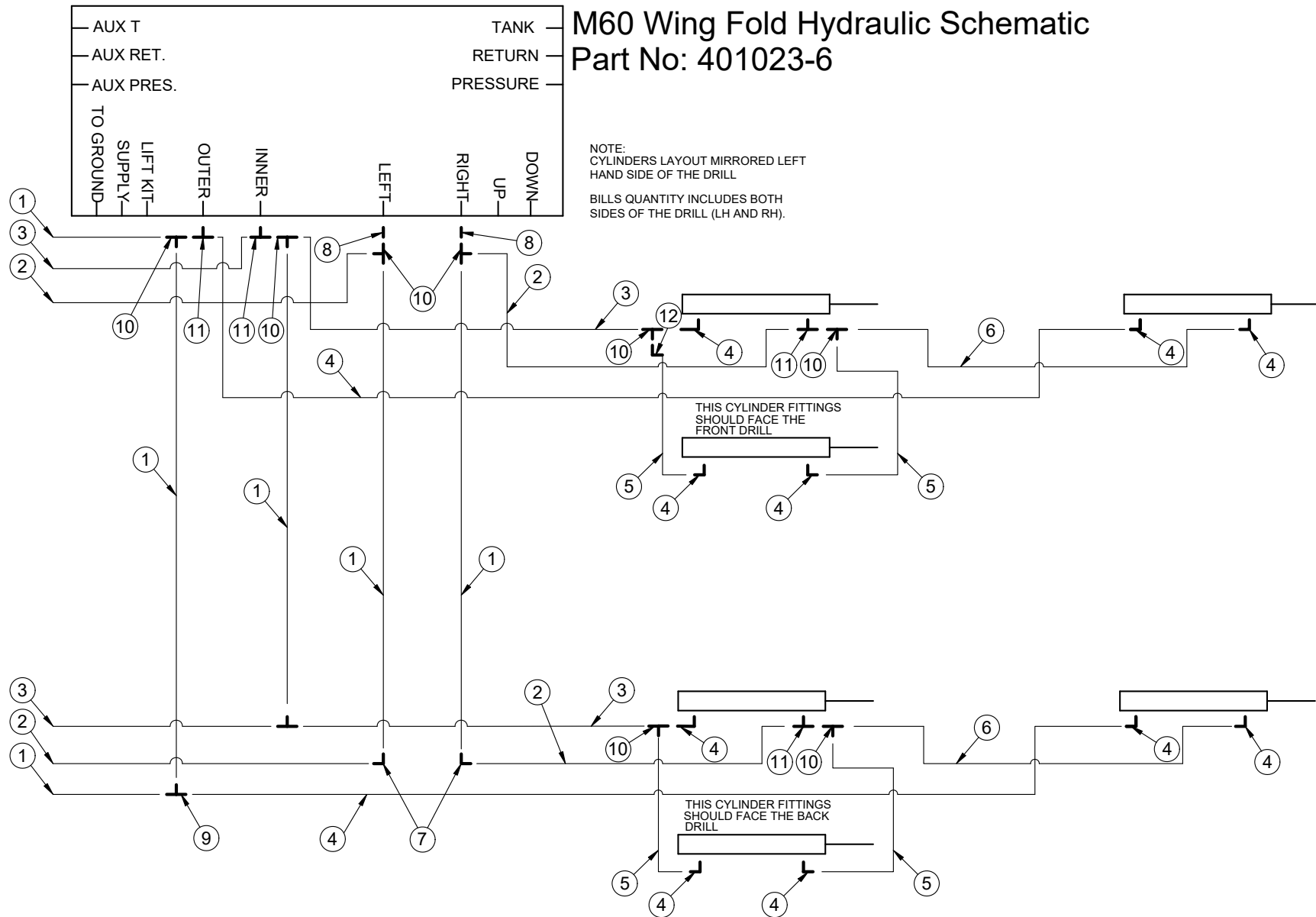
M50 Wing Fold Hydraulic Schematic Part No: 401026-6



M60 Wing Fold

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	8	258153	HOSE, 3/8-2WB X 196LOA - 06 JIC F-SW X 06 JIC F-SW				
2	4	258124-1	HOSE,3/8-2WB X 85LOA - 06 JIC F-SW X 06 JIC F-SW				
3	4	258110	HOSE, 3/8-2WB X 38LOA - 06JIC F-SW X 06JIC F-SW				
4	20	258002	EL, 90D - 06 JIC M X 06 ORB M				
5	8	258700	HOSE,3/8-2WB X 24LOA - 06 JIC F-SW X 06 JIC F-SW				
6	4	258118	HOSE, 3/8-2WB X 152 1/2LOA - 06 JIC F-SW X 06 JIC F-SW				
7	2	258382	EL, 90D - 06 JIC M X 06 JIC M				
8	2	258051	CONNECTOR, 06 ORB M X 06 JIC M				
9	2	258024	TEE, 06 JIC M X 06 JIC M X 06 JIC M				
10	12	258025	TEE, 06 JIC F-SW X 06 JIC M X 06 JIC M - RUN				
11	8	258022	TEE, 06 JIC M X 06 JIC M X 06 ORB M - BRANCH				
12	2	258005	EL, 90D - 06 JIC M X 06 JIC F-SW				

M60 Wing Fold Hydraulic Schematic Part No: 401023-6

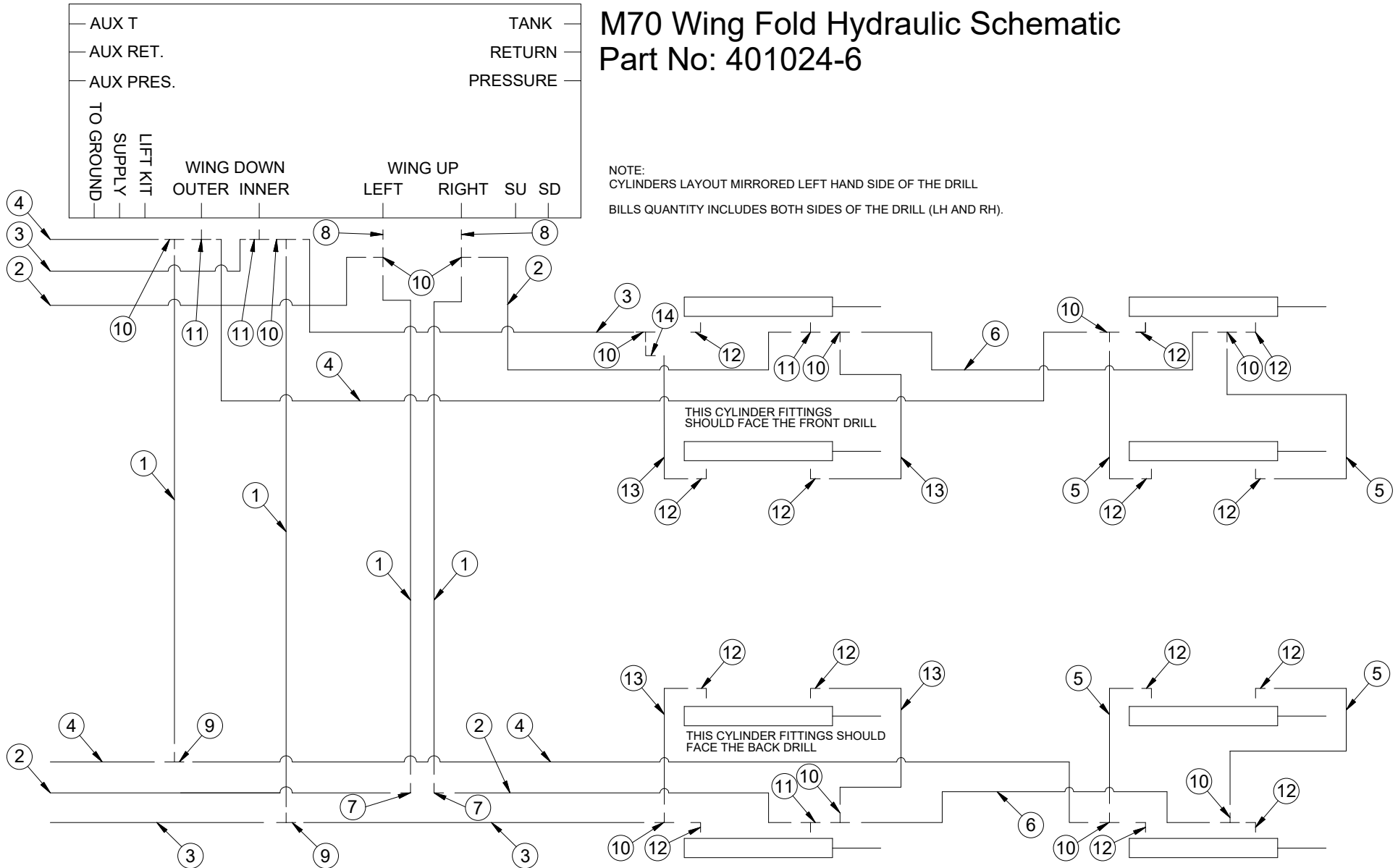


M70 Wing Fold

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	4	258153	HOSE, 3/8-2WB X 196LOA - 06 JIC F-SW X 06 JIC F-SW				
2	4	258124-1	HOSE, 3/8-2WB X 85LOA - 06 JIC F-SW X 06 JIC F-SW				
3	4	258110	HOSE, 3/8-2WB X 38LOA - 06JIC F-SW X 06JIC F-SW				
4	4	258335	HOSE, 3/8-2WB X 222 LOA - 06 JIC F-SW X 06 JIC F-SW				
5	8	258121	HOSE, 3/8-2WB X 16LOA - 06 JIC F-SW X 06 JIC F-SW				
6	4	258188	HOSE, 3/8-2WB X 181 1/2LOA - 06 JIC F-SW X 06 JIC F-SW				
7	2	258382	EL, 90D - 06 JIC M X 06 JIC M				
8	2	258051	CONNECTOR, 06 ORB M X 06 JIC M				
9	2	258024	TEE, 06 JIC M X 06 JIC M X 06 JIC M				
10	20	258025	TEE, 06 JIC F-SW X 06 JIC M X 06 JIC M - RUN				
11	6	258022	TEE, 06 JIC M X 06 JIC M X 06 ORB M - BRANCH				
12	28	258002	EL, 90D - 06 JIC M X 06 ORB M				
13	8	258700	HOSE, 3/8-2WB X 24LOA - 06 JIC F-SW X 06 JIC F-SW				
14	2	258005	EL, 90D - 06 JIC M X 06 JIC F-SW				

M70 Wing Fold Hydraulic Schematic Part No: 401024-6

NOTE:
CYLINDERS LAYOUT MIRRORED LEFT HAND SIDE OF THE DRILL
BILLS QUANTITY INCLUDES BOTH SIDES OF THE DRILL (LH AND RH).

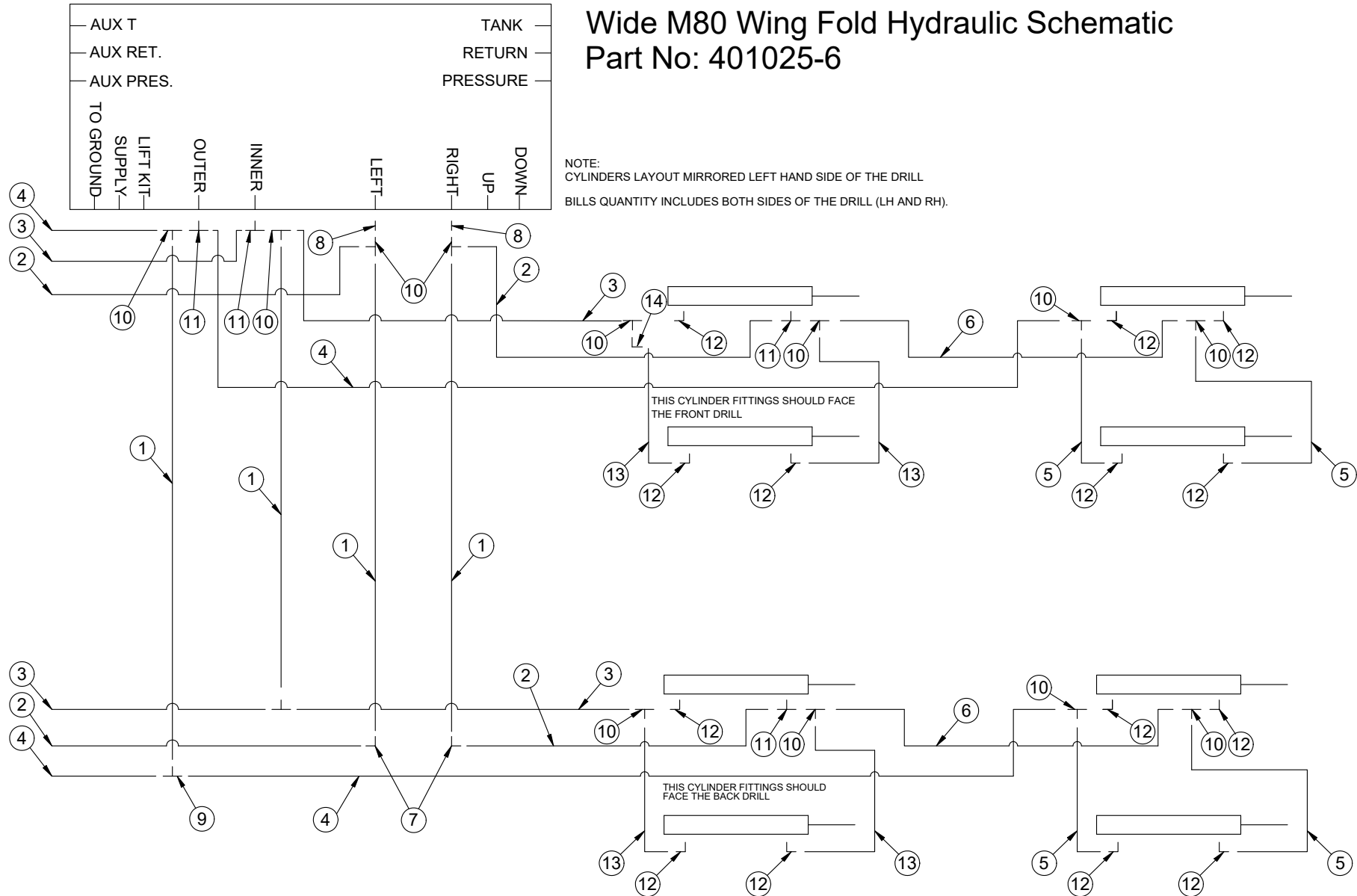


M70 Wing Fold

Wide M80 Wing Fold

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	4	258153	HOSE, 3/8-2WB X 196LOA - 06 JIC F-SW X 06 JIC F-SW				
2	4	258166	HOSE, 3/8-2WB X 120 LOA - 06 JIC F-SW X 06 JIC F-SW				
3	4	258179	HOSE, 3/8-2WB X 80 LOA - 06 JIC F-SW X 06 JIC F-SW				
4	4	258132	HOSE, 3/8-2WB X 270 LOA - 06 JIC F-SW X 06 JIC F-SW				
5	8	258121	HOSE, 3/8-2WB X 16LOA - 06 JIC F-SW X 06 JIC F-SW				
6	4	258168	HOSE, 3/8-2WB X 184 LOA - 06 JIC F-SW X 06 JIC F-SW				
7	2	258382	EL, 90D - 06 JIC M X 06 JIC M				
8	2	258051	CONNECTOR, 06 ORB M X 06 JIC M				
9	2	258024	TEE, 06 JIC M X 06 JIC M X 06 JIC M				
10	20	258025	TEE, 06 JIC F-SW X 06 JIC M X 06 JIC M - RUN				
11	6	258022	TEE, 06 JIC M X 06 JIC M X 06 ORB M - BRANCH				
12	28	258002	EL, 90D - 06 JIC M X 06 ORB M				
13	8	258700	HOSE, 3/8-2WB X 24LOA - 06 JIC F-SW X 06 JIC F-SW				
14	2	258005	EL, 90D - 06 JIC M X 06 JIC F-SW				

Wide M80 Wing Fold Hydraulic Schematic Part No: 401025-6



Wide M80 Wing Fold

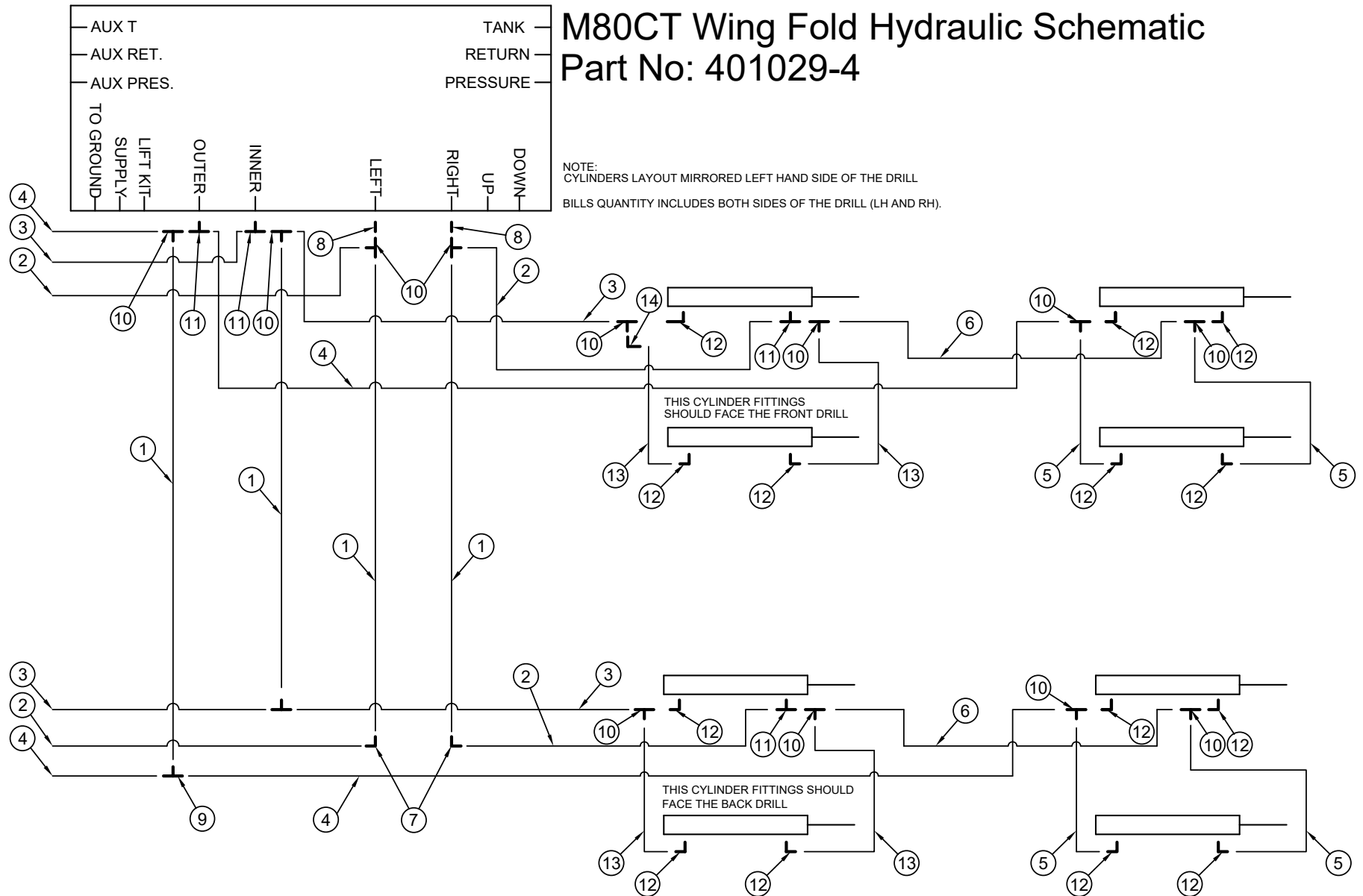
130

M80CT Wing Fold

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	4	258153	HOSE, 3/8-2WB X 196LOA - 06 JIC F-SW X 06 JIC F-SW				
2	4	258124-1	HOSE, 3/8-2WB X 85LOA - 06 JIC F-SW X 06 JIC F-SW				
3	4	258110	HOSE, 3/8-2WB X 38LOA - 06JIC F-SW X 06JIC F-SW				
4	4	258128	HOSE, 3/8-2WB X 256 LOA - 06 JIC F-SW X 06 JIC F-SW				
5	8	258121	HOSE, 3/8-2WB X 16LOA - 06 JIC F-SW X 06 JIC F-SW				
6	4	258333	HOSE, 3/8-2WB X 208 LOA - 06 JIC F-SW X 06 JIC F-SW				
7	2	258382	EL, 90D - 06 JIC M X 06 JIC M				
8	2	258051	CONNECTOR, 06 ORB M X 06 JIC M				
9	2	258024	TEE, 06 JIC M X 06 JIC M X 06 JIC M				
10	20	258025	TEE, 06 JIC F-SW X 06 JIC M X 06 JIC M - RUN				
11	8	258022	TEE, 06 JIC M X 06 JIC M X 06 ORB M - BRANCH				
12	28	258002	EL, 90D - 06 JIC M X 06 ORB M				
13	8	258700	HOSE, 3/8-2WB X 24LOA - 06 JIC F-SW X 06 JIC F-SW				
14	2	258005	EL, 90D - 06 JIC M X 06 JIC F-SW				

M80CT Wing Fold Hydraulic Schematic

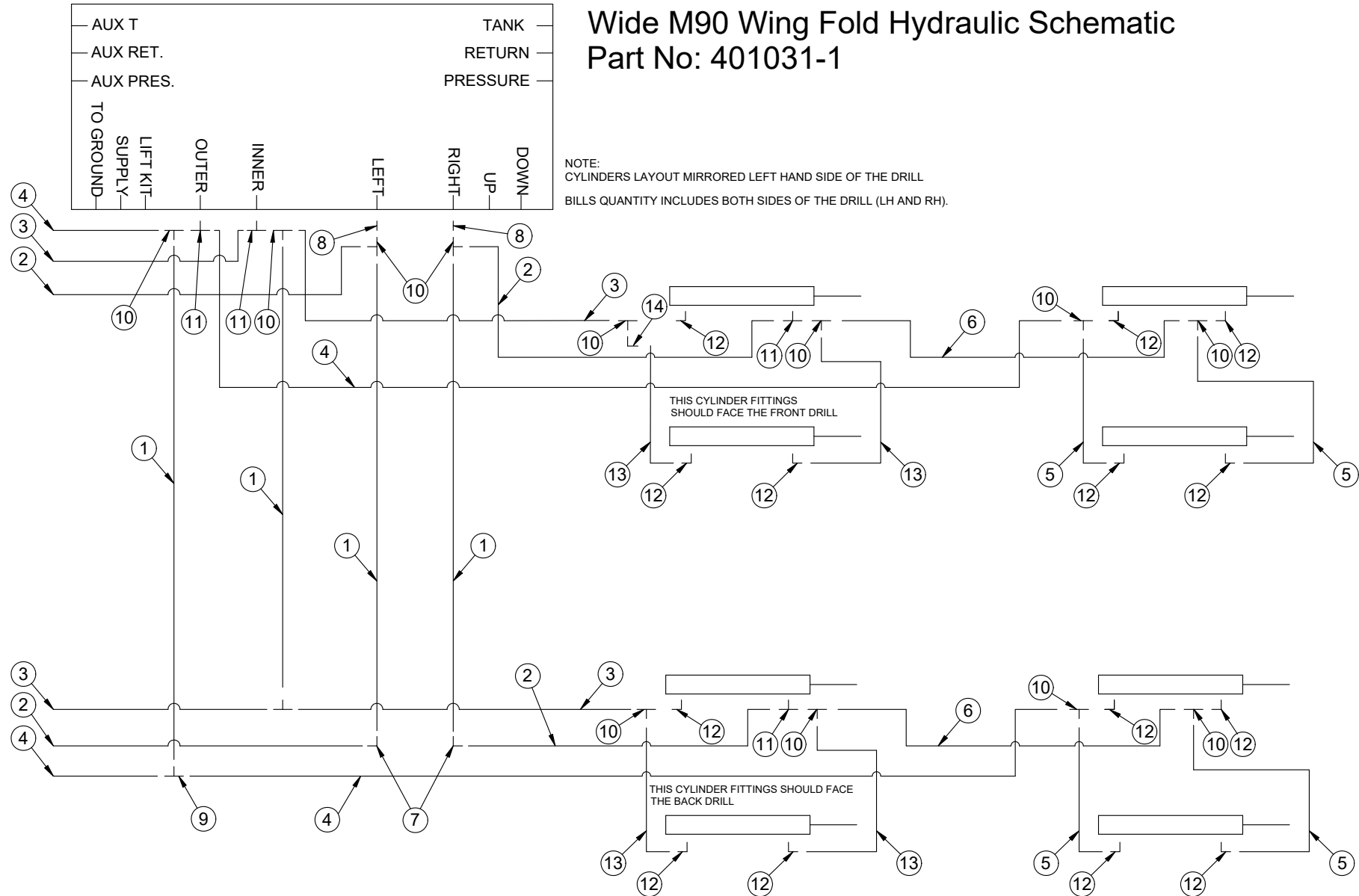
Part No: 401029-4



M90 Wing Fold

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	4	258153	HOSE, 3/8-2WB X 196LOA - 06 JIC F-SW X 06 JIC F-SW				
2	4	258166	HOSE,3/8-2WB X 120 LOA - 06 JIC F-SW X 06 JIC F-SW				
3	4	258179	HOSE,3/8-2WB X 80 LOA - 06 JIC F-SW X 06 JIC F-SW				
4	4	258159	HOSE, 3/8-2WB X 296 LOA - 06 JIC F-SW X 06 JIC F-SW				
5	8	258121	HOSE, 3/8-2WB X 16LOA - 06 JIC F-SW X 06 JIC F-SW				
6	4	258333	HOSE, 3/8-2WB X 208 LOA - 06 JIC F-SW X 06 JIC F-SW				
7	2	258382	EL, 90D - 06 JIC M X 06 JIC M				
8	2	258051	CONNECTOR, 06 ORB M X 06 JIC M				
9	2	258024	TEE, 06 JIC M X 06 JIC M X 06 JIC M				
10	20	258025	TEE, 06 JIC F-SW X 06 JIC M X 06 JIC M - RUN				
11	8	258022	TEE, 06 JIC M X 06 JIC M X 06 ORB M - BRANCH				
12	28	258002	EL, 90D - 06 JIC M X 06 ORB M				
13	8	258700	HOSE,3/8-2WB X 24LOA - 06 JIC F-SW X 06 JIC F-SW				
14	2	258005	EL, 90D - 06 JIC M X 06 JIC F-SW				

Wide M90 Wing Fold Hydraulic Schematic Part No: 401031-1



M90 Wing Fold

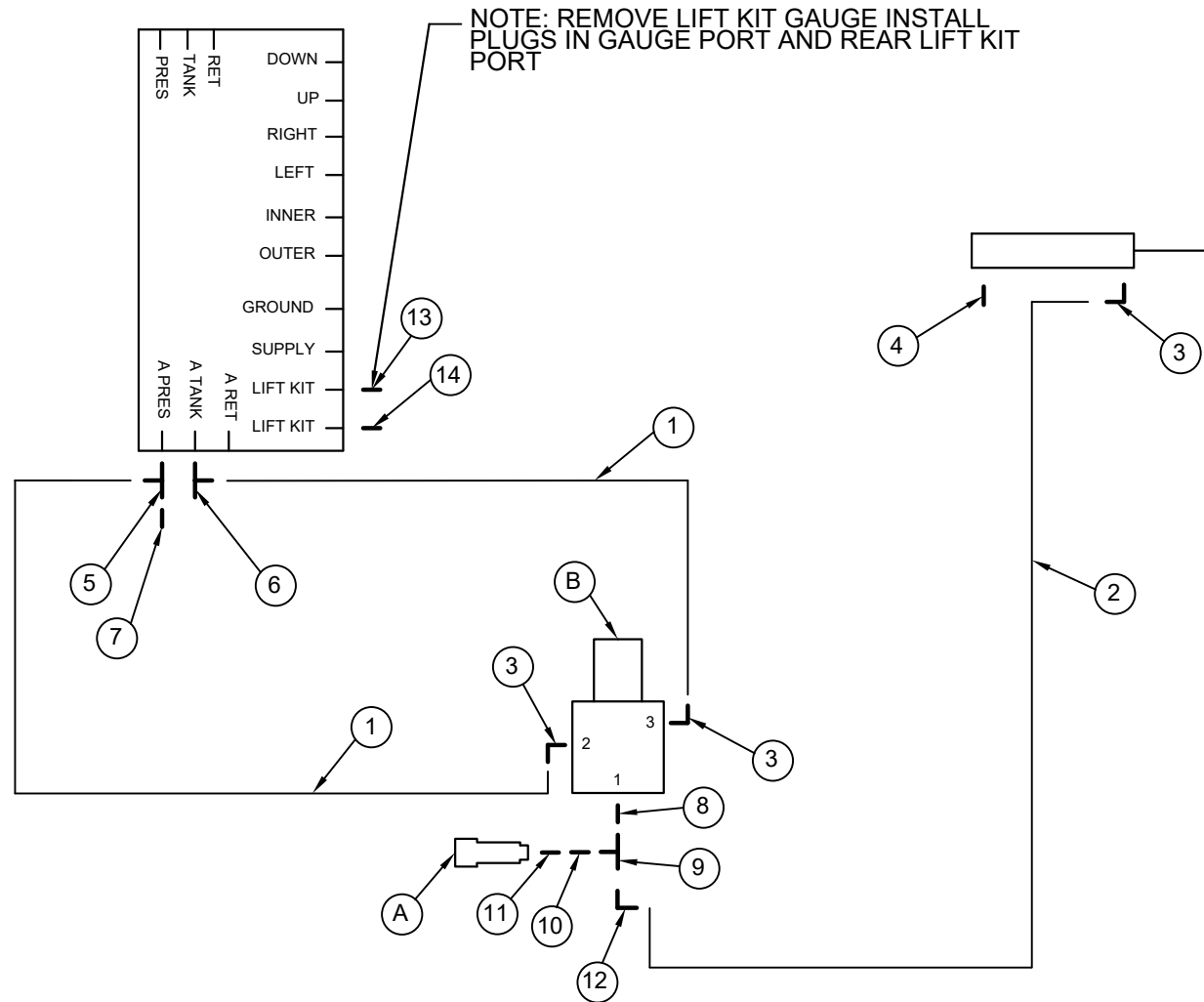
134

Hydraulic Schematic - Auto Lift Kit

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	2	258154	HOSE, 3/8-2WB X 31 LOA - 06 JIC F-SW X 08 JIC F-SW				
2	1	258192	HOSE, 3/8-2WB X 48 LOA - 06 JIC F-SW X 06 JIC F-SW				
3	3	258002	EL, 90D - 06 JIC M X 06 ORB M				
4	1	258097	BREATHER, 06ORB M - SINTERED BRONZE				
5	1	258023	TEE, 08 ORB M X 08 JIC M X 08 JIC M - RUN				
6	1	258020	TEE, 08 JIC F-SW X 08 JIC M X 08 JIC M - RUN				
7	1	258045	CAP, 08 JIC F				
8	1	258051	CONNECTOR, 06 ORB M X 06 JIC M				
9	1	258025	TEE, 06 JIC F-SW X 06 JIC M X 06 JIC M - RUN				
10	1	258038	CONNECTOR, 06 JIC F-SW X 1/4 NPT F				
11	1	257985	CONNECTOR, 04 ORB F X 1/4 NPT M				
12	1	258005	EL, 90D - 06 JIC M X 06 JIC F-SW				
13	1	258041	PLUG, 06 ORB M				
14	1	258044	PLUG, 04 ORB M				
A	1	260806	TRANSDUCER, PRESSURE - HYD - RAVEN - 3000PSI				
B	1	258508	VALVE, LIFT KIT - PWM - HYDRAFORCE - TS10-36C				

Auto Lift Kit Hydraulic Schematic

Part Number: 401216-2

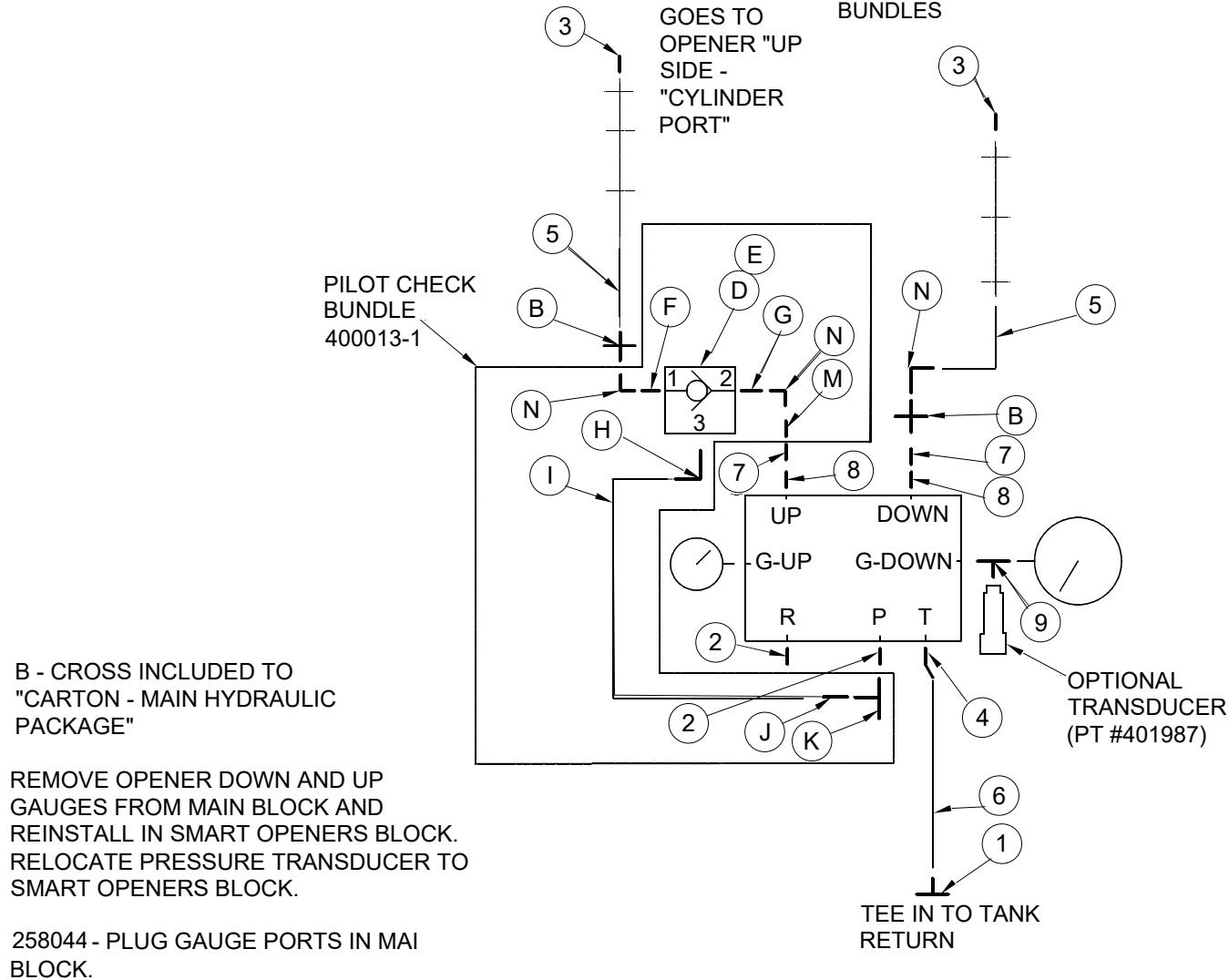


Hydraulic Schematic - Smart Openers Add-on

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
M	1	221590	CONNECTOR, 08 JIC F X 08 JIC M - .156 ORIFICE DRILL TO .25				
N	3	258000	EL, 90D - 08 JIC M X 08 JIC F-SW				
H	1	258002	EL, 90D - 06 JIC M X 06 ORB M				
K	1	258020	TEE, 08 JIC F-SW X 08 JIC M X 08 JIC M - RUN				
B	2	258035	CROSS, 08 JIC M X M X M X M				
J	1	258049	CONNECTOR, 08 JIC F X 06 JIC M				
G	1	258050	CONNECTOR, 08 ORB M X 08 JIC M				
F	1	258055	CONNECTOR, 08 ORB M X 08 JIC F-SW				
E	1	258499	MANIFOLD, HYD - SUN - BCJ				
I	1	258519-2	HOSE, 1/4-2WB X 25 LOA - 06 JIC F-SW X 06 JIC F-SW				
D	1	258650	VALVE, PILOT-TO-OPEN CHECK - SUN CKEBXCN				
1	1	258020	TEE, 08 JIC F-SW X 08 JIC M X 08 JIC M - RUN				
2	2	258379	CONNECTOR, 16 ORB M X 08 JIC M				
3	2	258045	CAP, 08 JIC F				
4	1	258016	EL, 45D - 06 JIC M X 06 ORB M				
5	2	258218-1	HOSE, 1/2-2WB X 30LOA - 08JIC F-SW X 08JIC F-SW				
6	1	258154	HOSE, 3/8-2WB X 31 LOA - 06 JIC F-SW X 08 JIC F-SW				
7	2	258055	CONNECTOR, 08 ORB M X 08 JIC F-SW				
8	2	258713	CONNECTOR, 16 ORB M X 08 ORB F				
9	1	221594	TEE, 04 ORB M X 04 ORB F X 04 ORB F - RUN				
5804	2	258044	PLUG, 04 ORB M				

Smart Openers Add-on Hydraulic Schematic Part Number: 401625-4

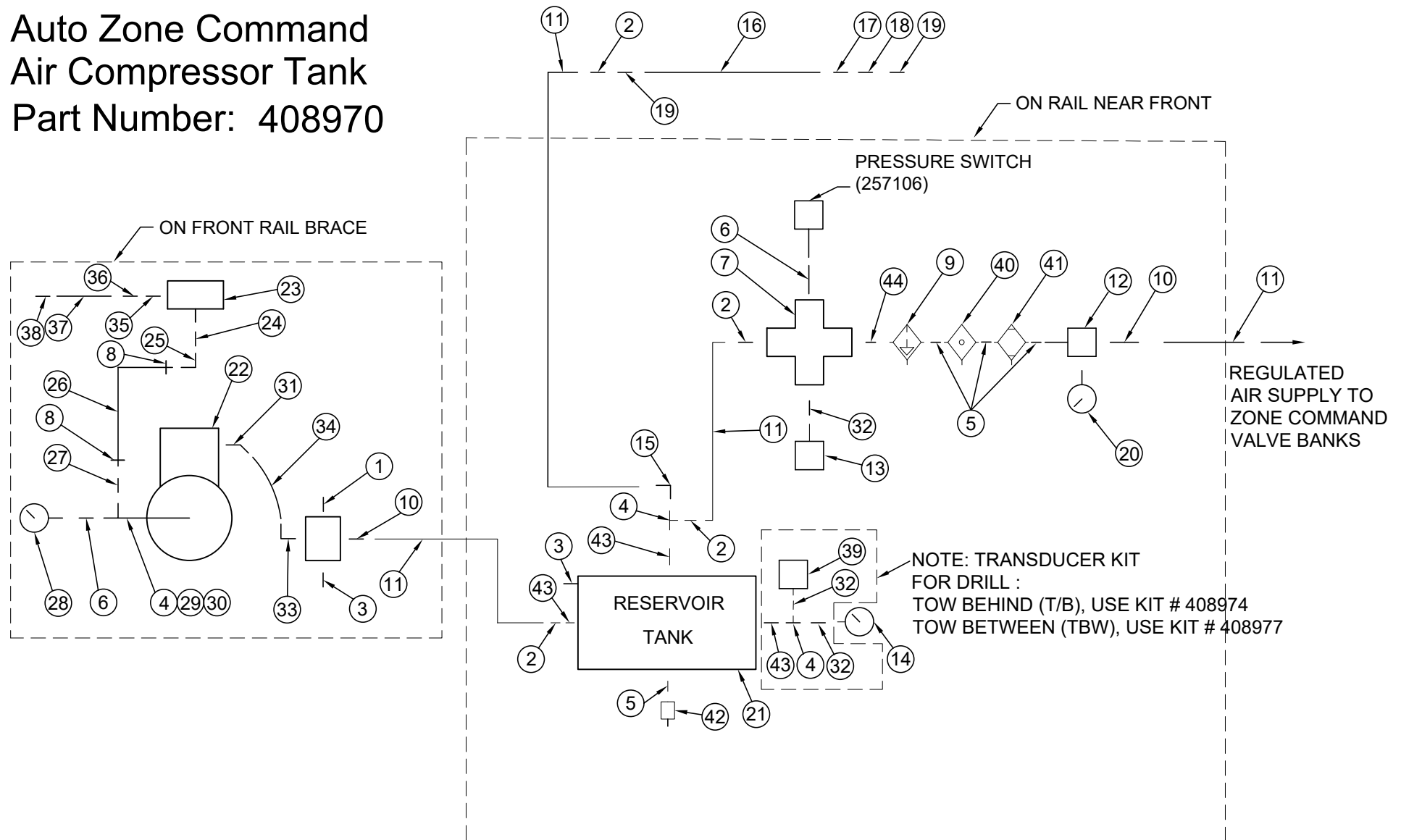
NOTE: INSTALL CAVITY PLUGS IN MAIN BLOCK
258307 CAVITY PLUG - C-10-4 CAVITY - OPENER MASTER
258306 CAVITY PLUG - SUN T-10A CAVITY - XFCA
ITEMS LABELLED WITH LETTERS ARE IN DIFFERENT BUNDLES



Auto Zone Command Air Compressor Tank

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	258602	PLUG, 1/8 NPT M	40	1	260575	FILTER, COALESCING - 10F15ED
2	4	260520	CONNECTOR, 3/8 NPT M X 3/8 PUSH ON - AIR	41	1	260573	DRYER, AIR - DESICCANT - WILKERSON - X06-02-000
3	2	258601	PLUG, 1/4 NPT M	42	1	260513	AUTOMATIC DRIP LEG DRAIN - 1/4 IN - 06D1NA - PARKER
4	3	260534	ADAPTOR, BRASS - STREET TEE - 3/8 NPT	43	3	260565	ADAPTOR, BRASS - REDUCER - 1/4 MPT X 3/8 FPT
5	4	260576	ADAPTOR, BRASS - NIPPLE - 1/4 NPT	44	1	260526	ADAPTOR, BRASS - HEX NIPPLE - 3/8 MPT x 1/4 MPT
6	2	260542	ADAPTOR, BRASS - BUSHING - 3/8 MPT X 1/8 FPT				
7	1	260535	ADAPTOR, BRASS - CROSS - 3/8 MPT - FEMALE				
8	2	250837	CLAMP, HOSE - WHITE 3/4 IN - 7/8 IN - SHC-50				
9	1	260574	FILTER, PARTICULATE - 14F15BB				
10	2	260516	CONNECTOR - 1/4 NPT M X 3/8 PUSH ON - AIR				
11	100	260541	TUBE, AIR - 3/8 IN - BLACK				
12	1	260503	REGULATOR/FILTER, AIR - PARKER - ZONE COMMAND				
13	1	260504	VALVE, RELIEF - AIR - PARKER				
14	1	260545	GAUGE, AIR - 1/4 NPT M - 0 - 150 PSI				
15	1	260524	ELBOW, 90D - 3/8 NPT M X 3/8 IN PUSH ON - AIR				
16	1	260543-1	HOSE ASSY, AIR - 3/8 IN X 72 IN - 3/8 NPT MXM				
17	1	260532	VALVE, PLUG - 3/8 NPT M X F - BRASS				
18	1	260527	COUPLER, QUICK - AIR - FEMALE BODY - 3/8 NPT F				
19	1	260539	ADAPTOR, BRASS - COUPLER - 3/8 NPT				
20	1	260551	GAUGE, AIR - 1/8 NPT M - 0 - 160 PSI				
21	1	257108	TANK, AIR - 5 GAL				
22	1	257112	COMPRESSOR, KIT - 12VDC - PACBRAKE #HP10626				
23	1	257109	FILTER, COMPRESSOR INTAKE - HOUSING W/FILTER				
24	1	260544	ADAPTOR, BRASS - BULKHEAD - 1/2 NPT				
25	1	260556	ADAPTOR, BRASS - 90 MALE 1/2 NPT HOSE BARB				
26	1.2	256526	HOSE, RUBBER - 1/2IN - G221				
27	1	260553	ADAPTOR, BRASS - MALE 3/8 NPT HOSE BARB 1/2 IN				
28	1	258328	GAUGE, VACUUM - STEM MOUNT 1/8" NPT				
29	1	260554	LOCKNUT, BRASS - 3/8 NPT				
30	1	250648	O-RING, 2-113 - NITRILE 70 DUROMETER				
31	1	260567	ADAPTOR, BRASS - 45D 3/8 MPT X 3/8 AIR BRAKE				
32	1	260536	ADAPTOR, BRASS - BUSHING - 3/8 MPT X 1/4 FPT				
33	1	260566	ADAPTOR, BRASS - 90D 3/8 MPT X 3/8 AIR BRAKE				
34	1	260569	TUBE, AIR - 3/8 IN - 7 1/4 IN L - TEFLON PTFE				
35	1	260570	ADAPTOR, BRASS - REDUCER - 3/8 MPT X 1/2 FPT				
36	1	260571	ADAPTOR, BRASS - 1/2 MPT X 3/4 HB				
37	1	256527	HOSE, RUBBER 3/4 IN (200 PSI)				
38	1	260490	SCREEN, PRE-FILTER, COMPRESSOR INTAKE				
39	1	260807	TRANSDUCER, PRESSURE - AIR - RAVEN - 250PSI				

Auto Zone Command Air Compressor Tank Part Number: 408970

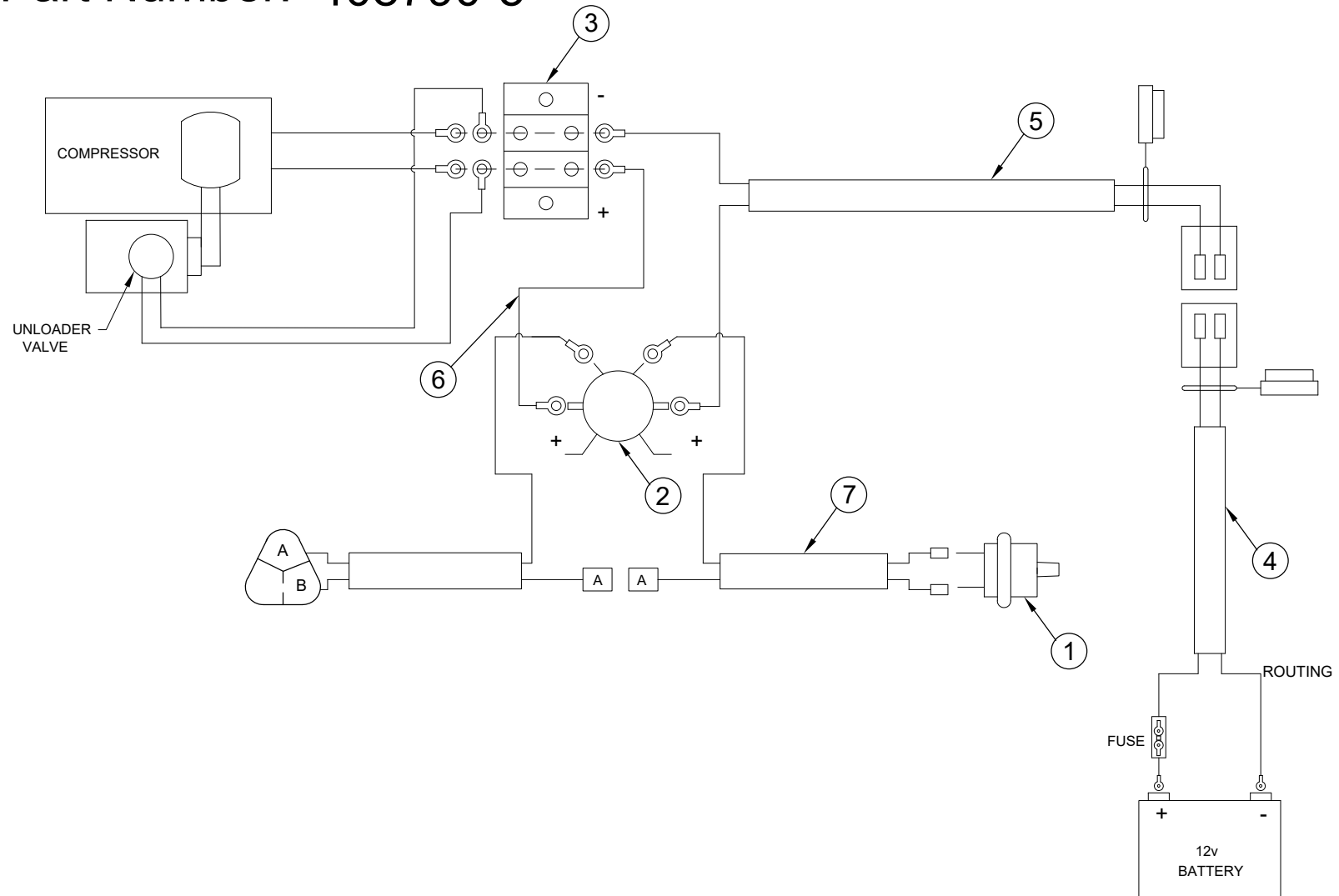


Electrical Schematic Air Compressor

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	257106	PRESSURE SWITCH - 85/105 PSI ON/OFF - 1/8 NPT - VIAIR #90101				
2	1	257152	RELAY, CONTACTOR 12V - 80A - WAYTEK #77031				
3	1	257153	TERMINAL STRIP - 2 POS 75A - WAYTEK #47382				
4	1	401718-1	ASSY, WIRE HARNESS - COMPRESSOR - BATTERY TO HITCH				
5	1	401719-2	ASSY, WIRE HARNESS - COMPRESSOR - HITCH TO RELAY				
6	1	401720-2	ASSY, WIRE HARNESS - COMPRESSOR - RELAY TO COMPRESSOR.				
7	1	401721-3	WIRE HARNESS - COMPRESSOR - RELAY/PRESSURE SWITCH				

Air Compressor Electrical Schematic

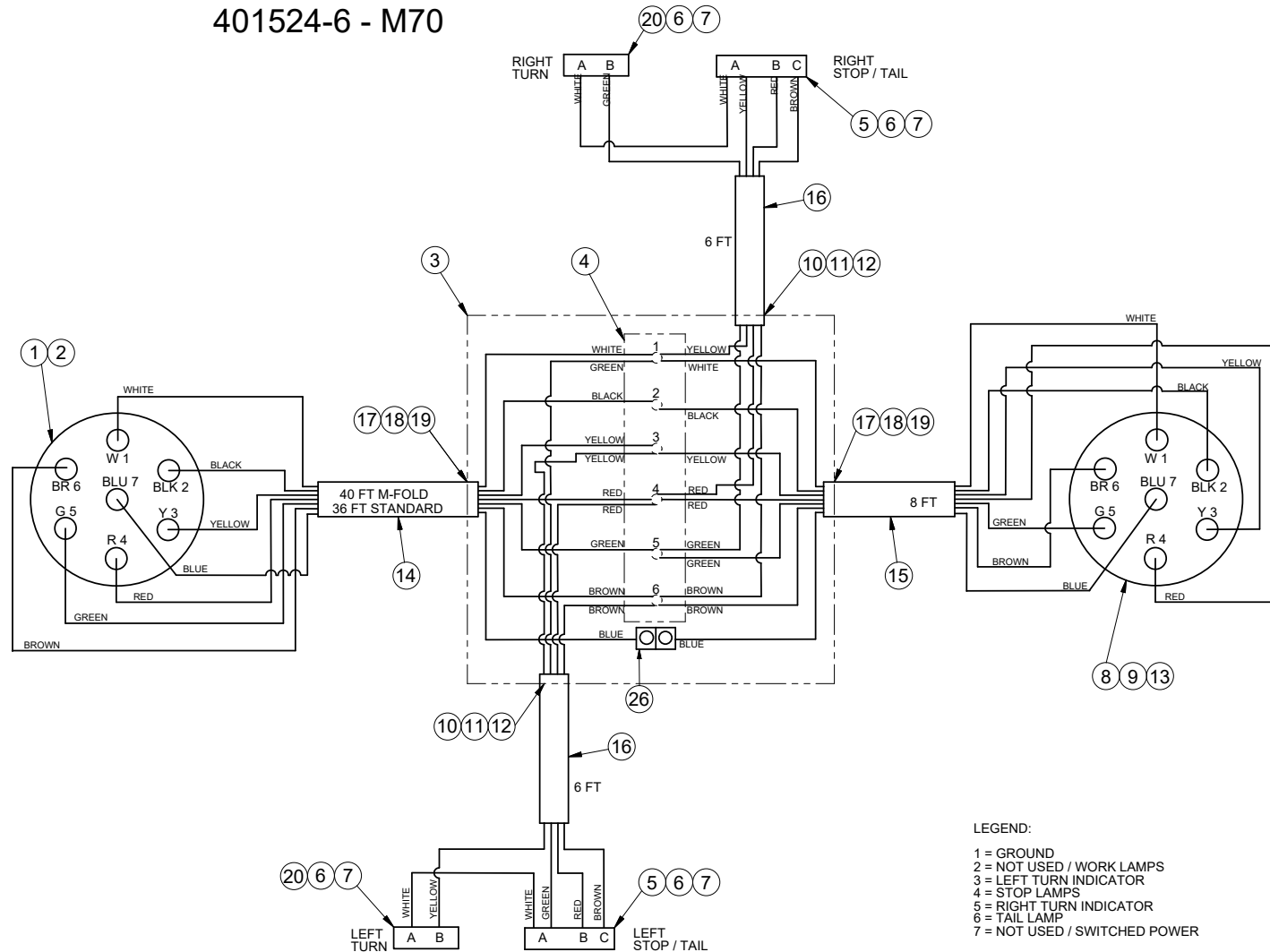
Part Number: 408790-5

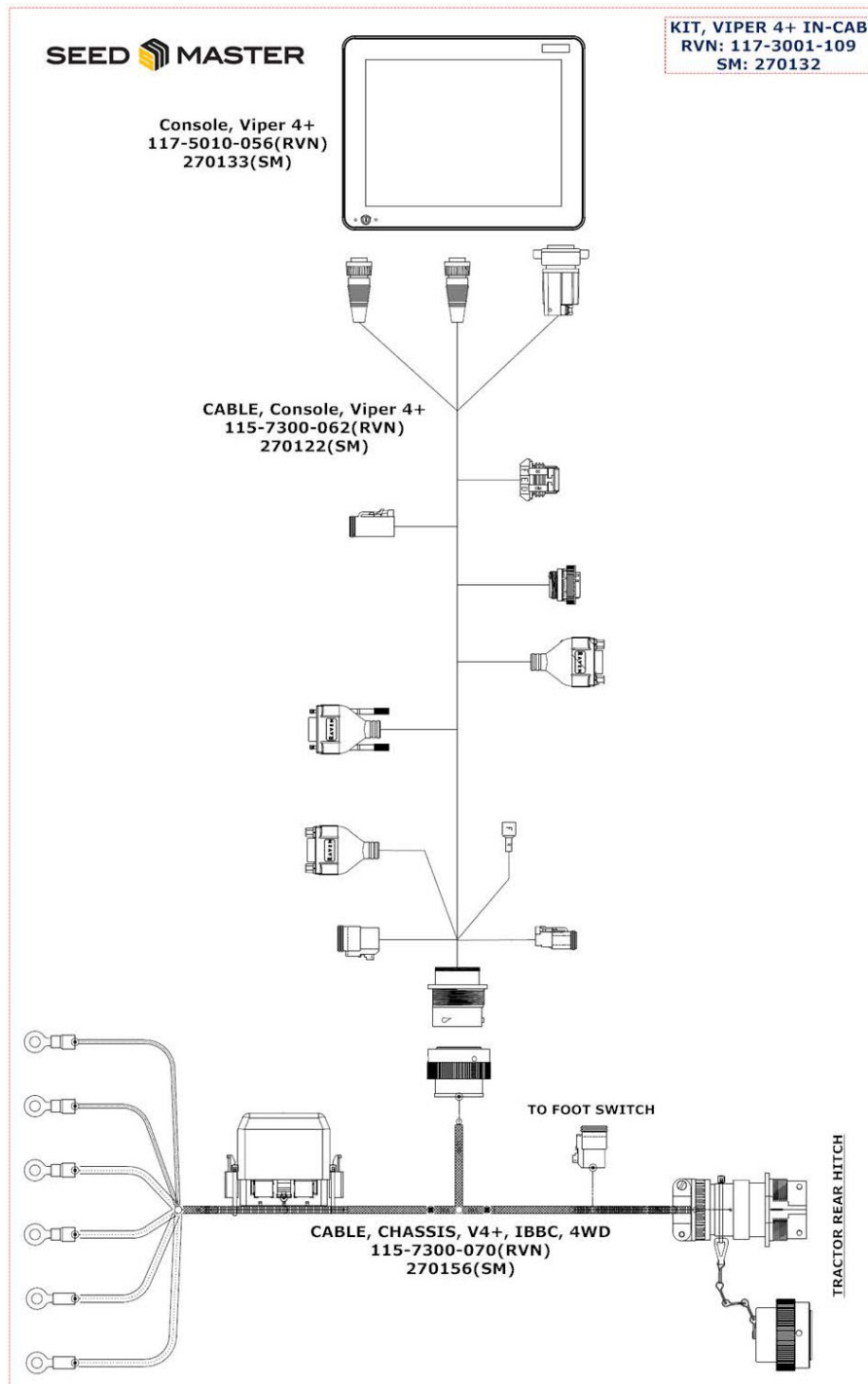


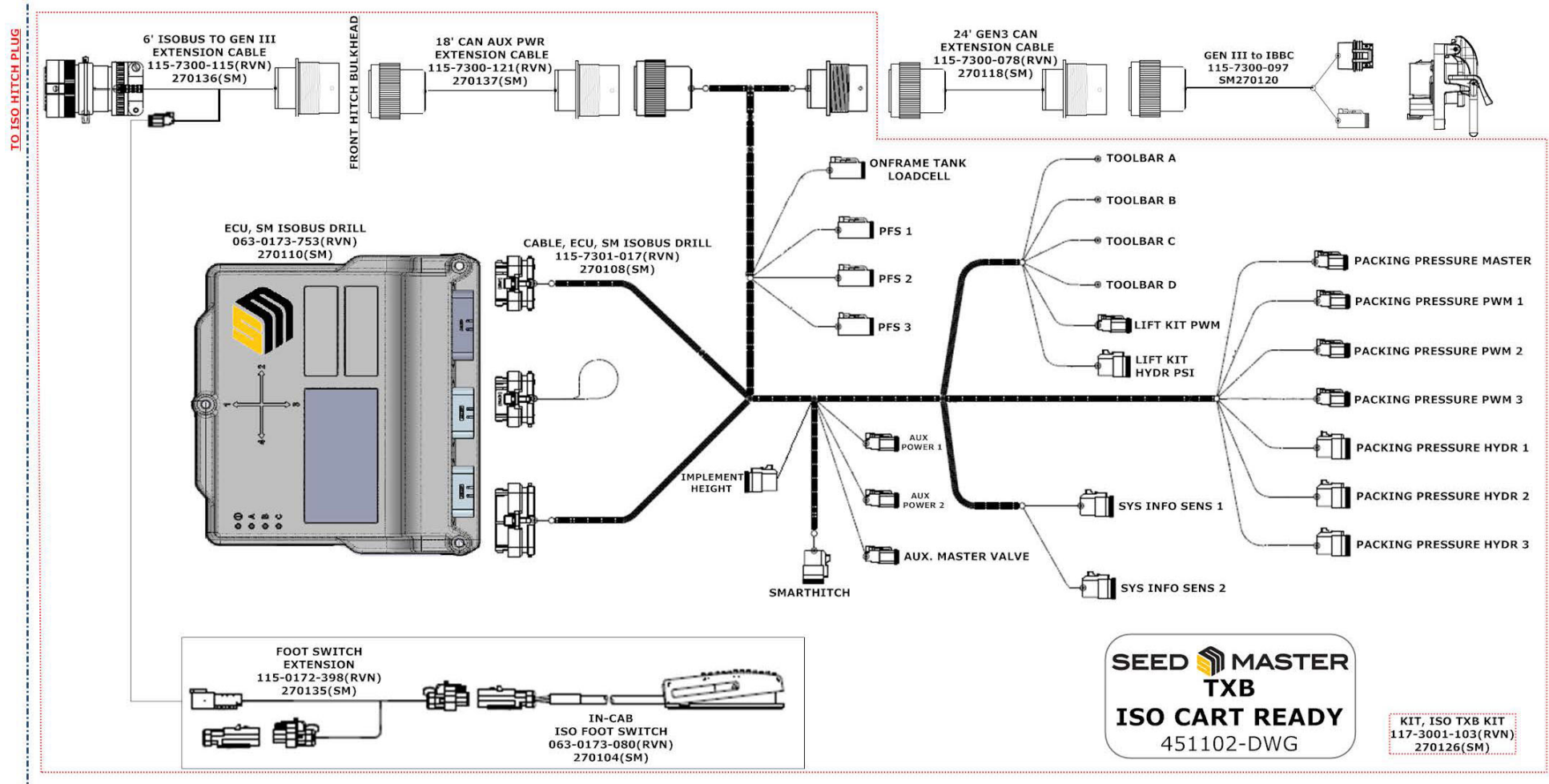
Wire Harness - Clearance Light

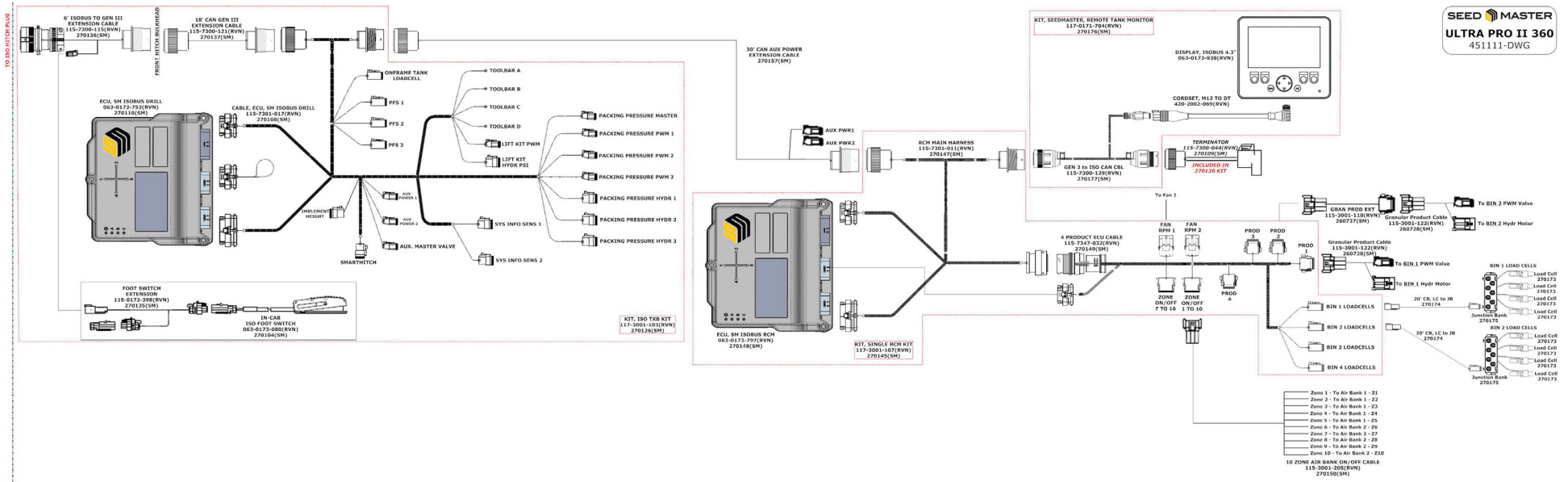
Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	257012	PLUG, CONNECTOR - 7 WAY - PLASTIC - WAYTEK				
2	1	257014	CABLE GUARD SPRING - PLUG - WAYTEK				
3	1	257216	TERMINAL BOX - 7.5 X 4.3 X 2.2" - BLK				
4	1	257219	TERMINAL STRIP - 6 POLE				
5	2	257063	CONNECTOR, 3 PIN - TOWER HALF				
6	10	257052	TERMIAL, FEMALE - WEATHER PACK				
7	10	257069	SEAL, CABLE - WAYTEK				
8	1	257013	SOCKET, CONNECTOR - 7 WAY - PLASTIC				
9	1	257015	BOOT - SOCKET				
10	2	257083	STRAIN RELIEF - FLEX NUT - 1/2 NPT - WAYTEK				
11	2	257084	STRAIN RELIEF - LOCK NUT - 1/2 NPT - WAYTEK				
12	2	257085	STRAIN RELIEF - SEAL RING - 1/2 IN - WAYTEK				
13	1	257016	BRACKET, MNT - 7 WAY SOCKET - BLACK				
14	36	257178	CABLE, 7 WIRE - 480 IN - 6/12 GA - 1/10 GA				
14	40	257178	CABLE, 7 WIRE - 480 IN - 6/12 GA - 1/10 GA				
14	40	257178	CABLE, 7 WIRE - 480 IN - 6/12 GA - 1/10 GA				
15	8	257178	CABLE, 7 WIRE - 480 IN - 6/12 GA - 1/10 GA				
16	16	257036	CABLE, 4 WIRE - 180 IN - 4/14 GA				
16	19	257036	CABLE, 4 WIRE - 180 IN - 4/14 GA				
16	12	257036	CABLE, 4 WIRE - 180 IN - 4/14 GA				
17	2	257184	STRAIN RELIEF - FLEX NUT - 3/4 NPT				
18	2	257185	STRAIN RELIEF - LOCK NUT - 3/4 NPT				
19	2	257186	STRAIN RELIEF - SEAL RING - 3/4 IN				
20	2	257065	CONNECTOR, 2 PIN - TOWER HALF				
21	2	250658	SCREW, TEK - 1/4 X 1 IN				
22	6	222611	WASHER, LOCK - INTERNAL TOOTH - #10 - PL				
23	6	222610	NUT, HEX - #10-24 - PL				
24	2	257175	TERMINAL - RING - #10 - 12/10 GA				
25	18	257157	TERMINAL - RING - #10 - 16/14 GA				
26	1083	257101	TERMINAL STRIP - 12 POLE - 12 AWG - 22AWG				
-	0	401519-5	WIRE HARNESS - CLEARANCE LIGHT - STANDARD - SEEDMASTER				
-	0	401522-4	WIRE HARNESS - CLEARANCE LIGHT - M80 - SEEDMASTER				
-	0	401524-5	WIRE HARNESS - CLEARANCE LIGHT - M70 - SEEDMASTER				

Clearance Light Wire Harness
 Part Number: 401519-6 - Standard
 401522-4 - M80
 401524-6 - M70

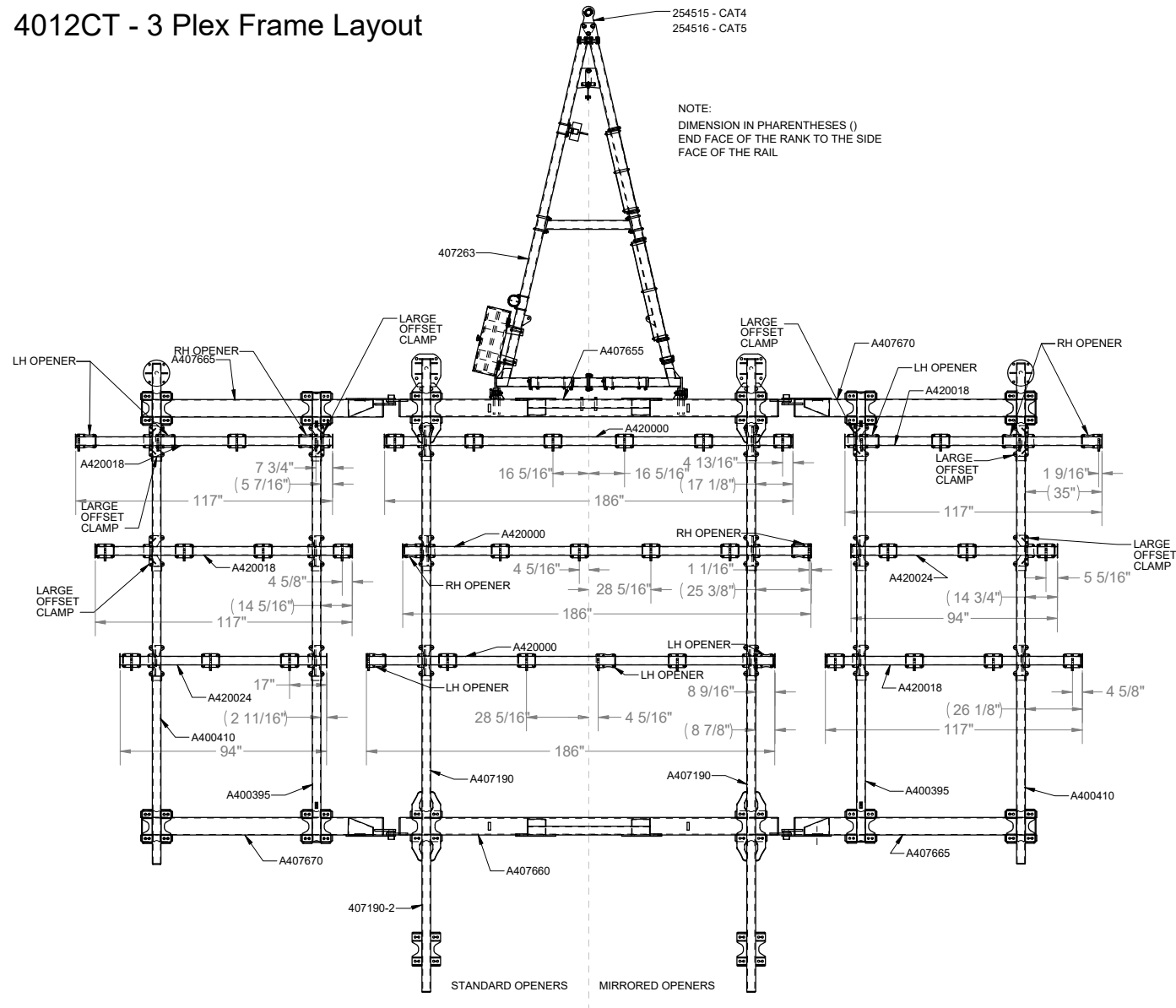




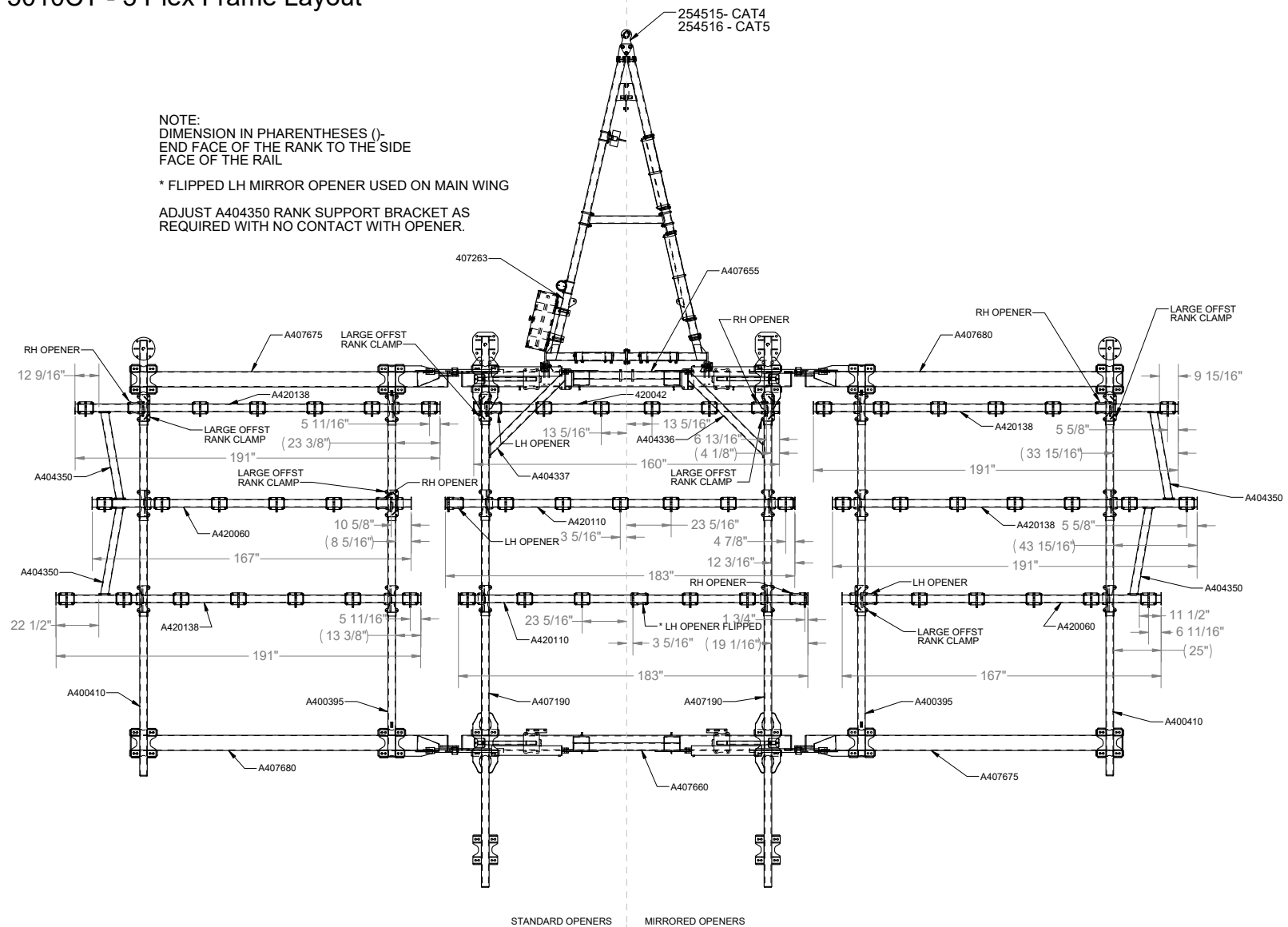




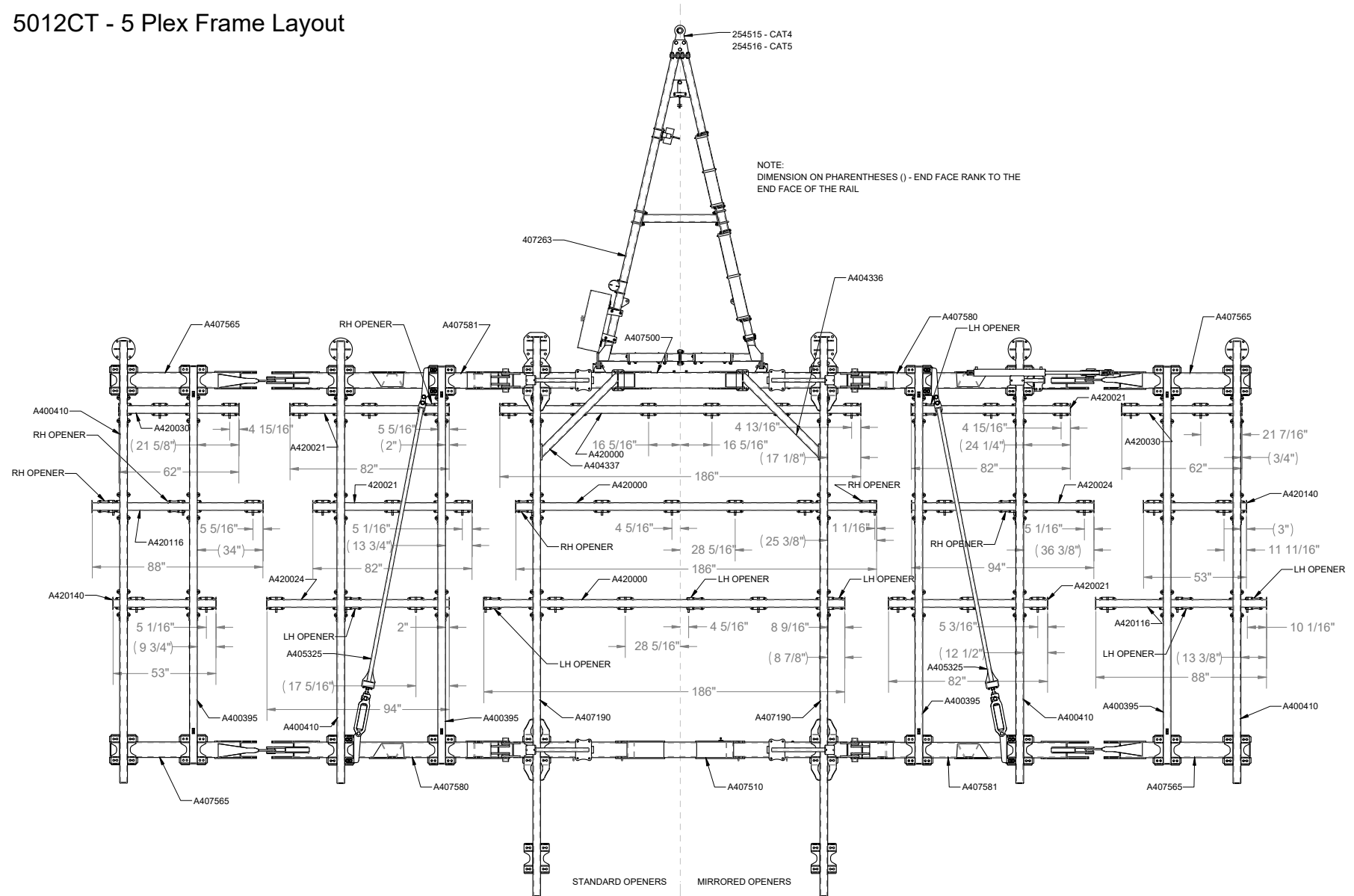
4012CT - 3 Plex Frame Layout



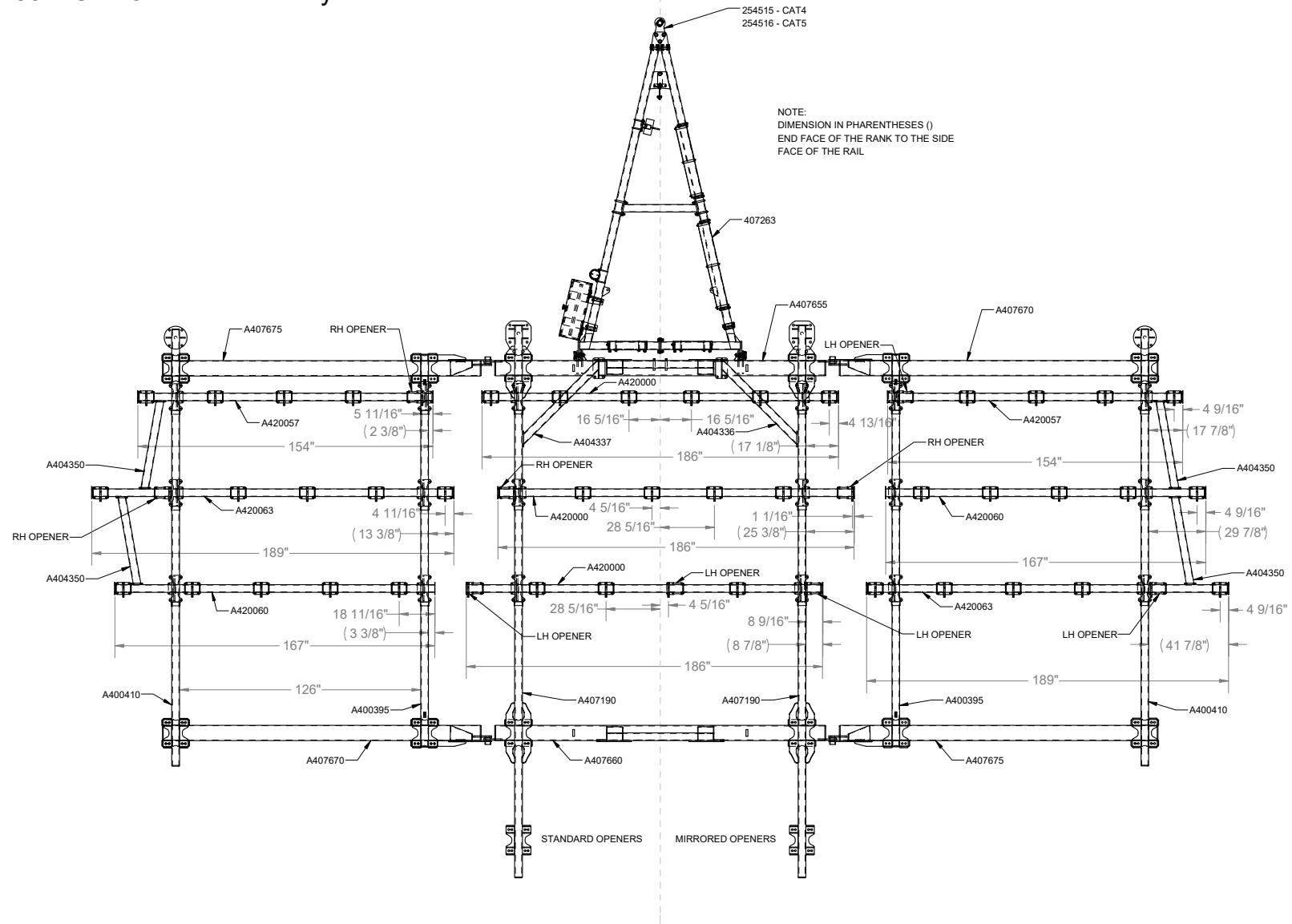
5010CT - 3 Plex Frame Layout



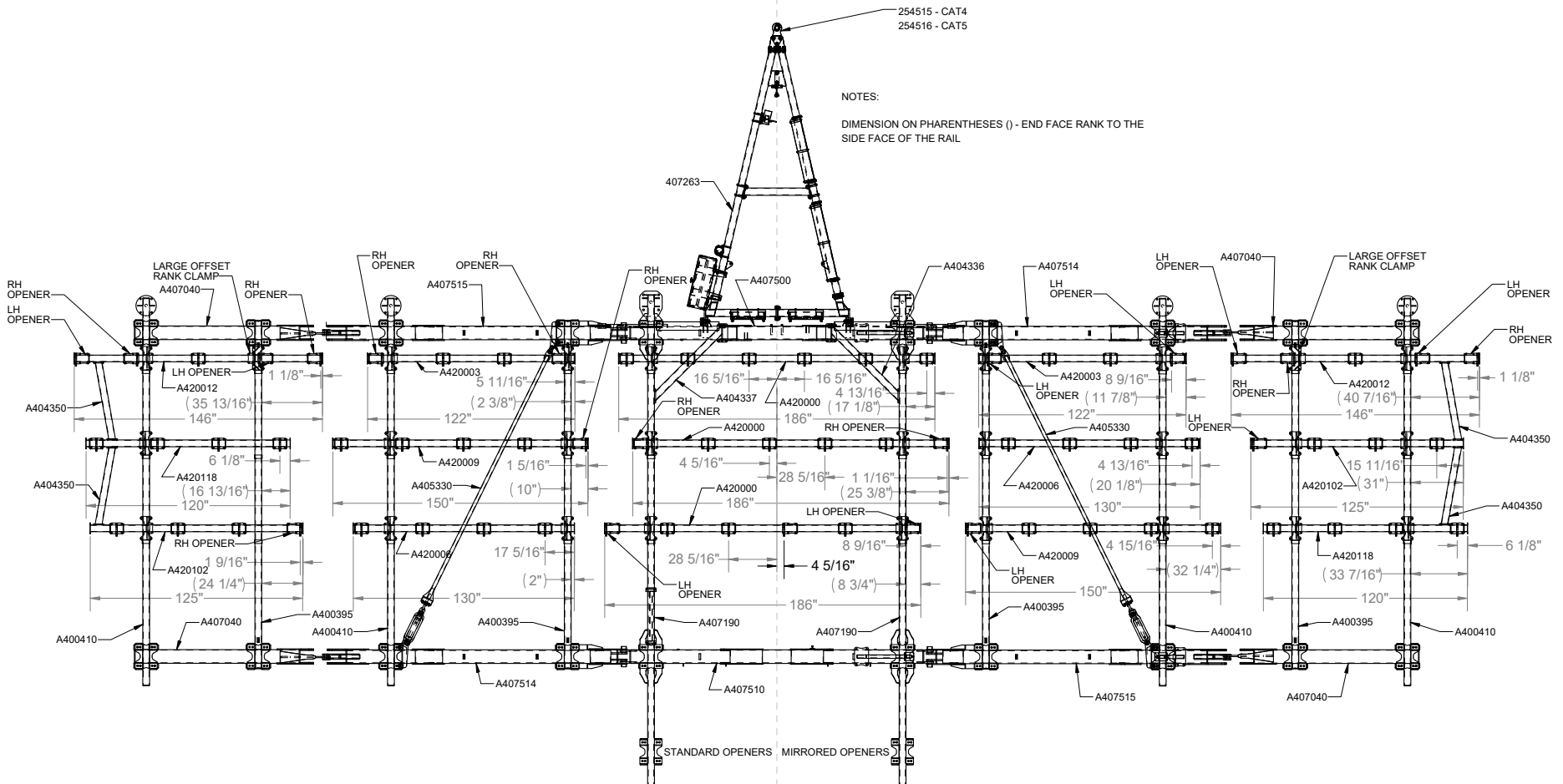
5012CT - 5 Plex Frame Layout



5012CT - 3 Plex Frame Layout



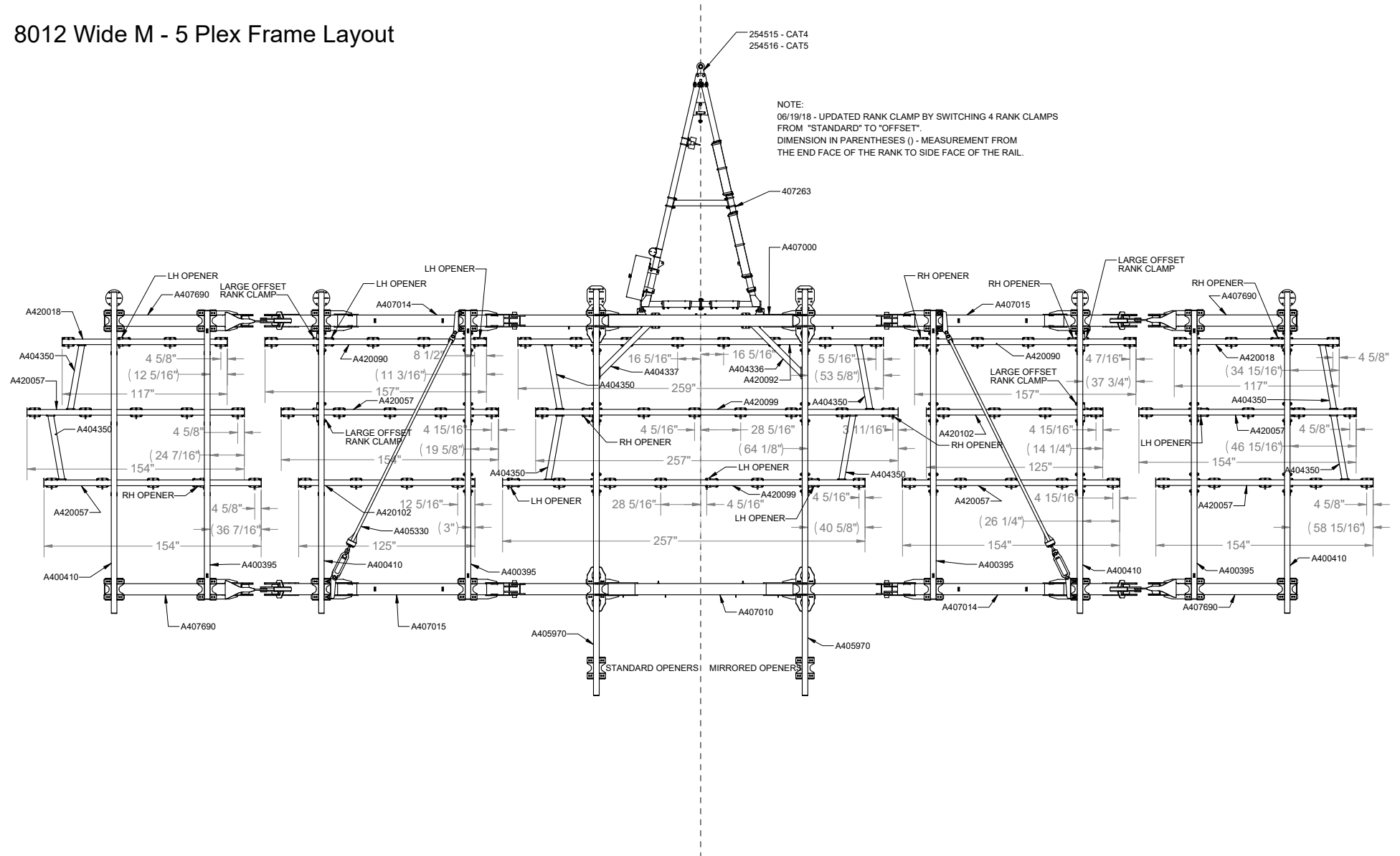
7012CT - 5 Plex Frame Layout



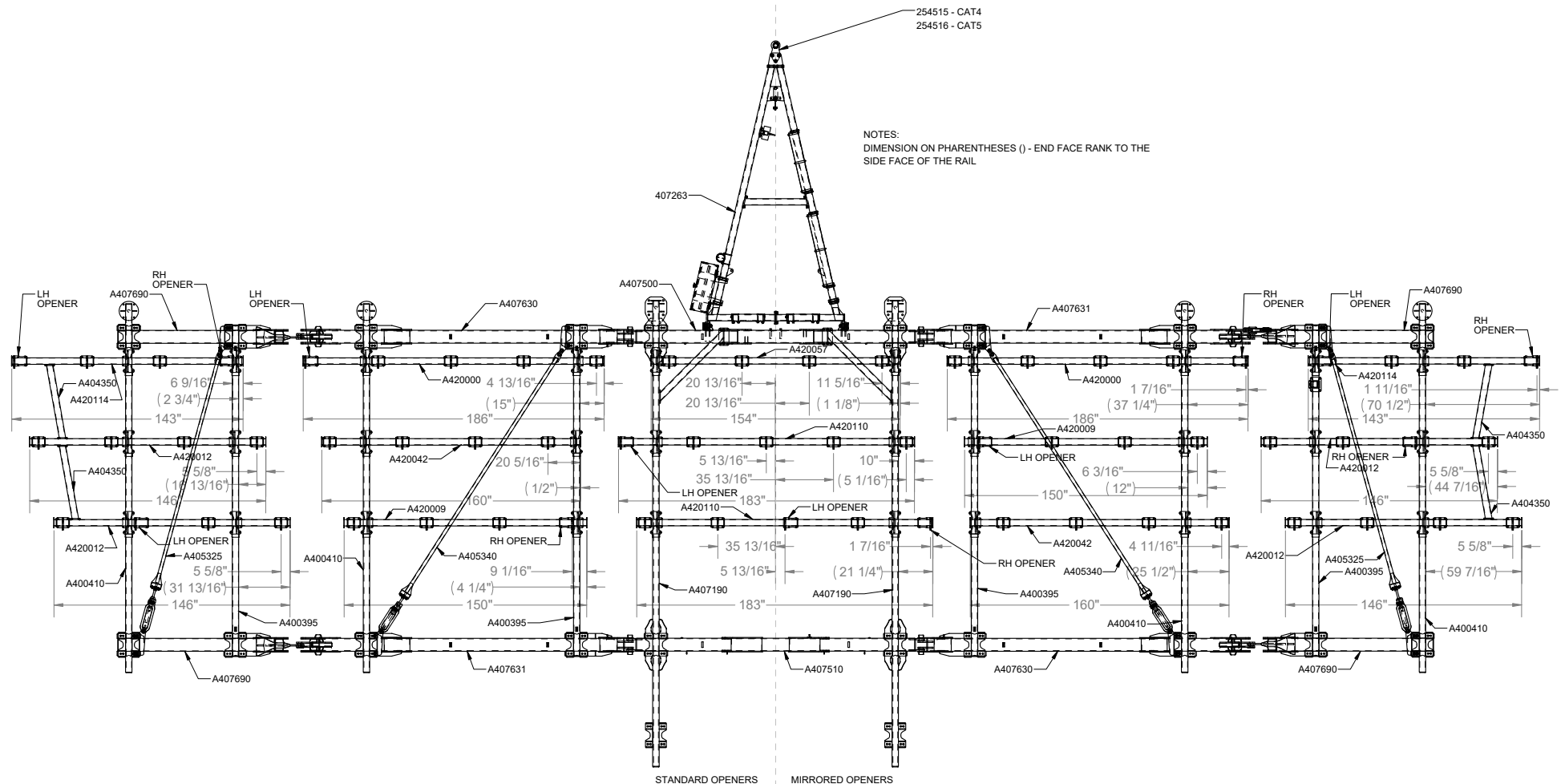
ADJUST A404350 - RANK SUPPORT BRKT ON RANK AS PER
OPENER UP POSITION.



8012 Wide M - 5 Plex Frame Layout



8015CT - 5 Plex Frame Layout



8015 Wide M - 5 Plex Frame Layout

