



SEEDMASTER | 2026

SMD TOOLBAR

PARTS BOOK

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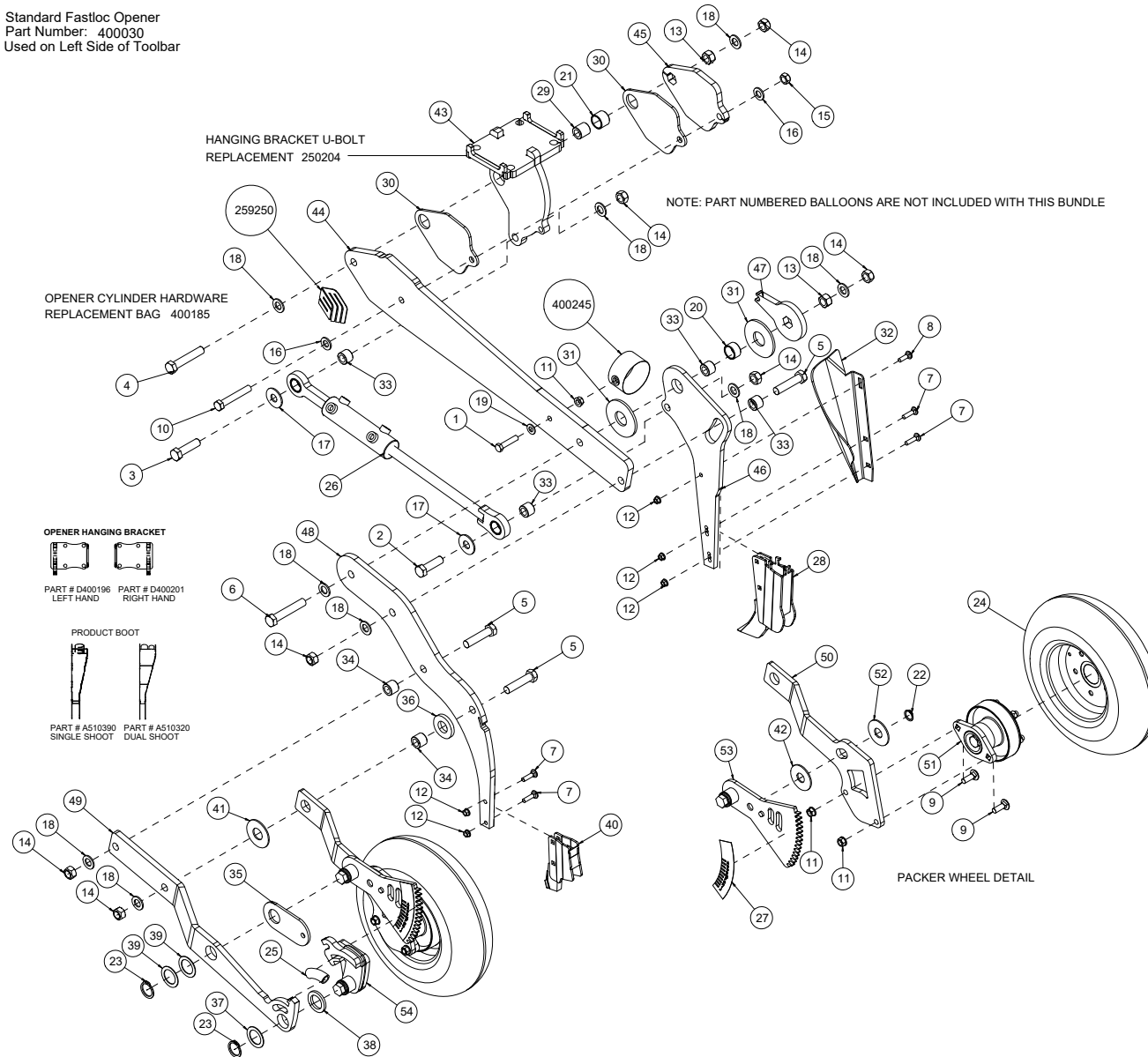


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Standard Fastloc Opener

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	1	404170	ASSY, SEED KNIFE - DUAL PRODUCT - STD. - BLK
2	1	250003	BOLT, HEX 3/4 X 2 1/2 UNC GR5 PL	41	1	417801	WASHER, 1/8 IN - DEPTH PIVOT - UHMW
3	1	250004	BOLT, HEX 3/4 X 2 3/4 UNC GR5 PL	42	1	417803	WASHER, 1/8 IN - RESIDUE WHEEL - UHMW
4	1	250025	BOLT, HEX 3/4 X 4 UNC GR5 PL	43	1	D400191	HANGER - OPENER - CTR - D BLK
5	3	250026	BOLT, HEX 3/4 X 3 1/4 UNC GR5 PL	44	1	D400230	ARM MAIN - D BLK
6	1	250049	BOLT, HEX 3/4 X 4 1/4 UNC GR5 PL	45	1	D400231	UHMW HOLDER CLAMP - D BLK
7	4	250100	BOLT, CARRIAGE - 3/8 X 1 1/2IN UND GR5 PL	46	1	D400233	FERT TRIP - D BLK
8	1	250101	BOLT, CARRIAGE - 3/8 X 1 1/4 IN UNC GR5 PL	47	1	D400235	TRIP WASHER - D BLK
9	2	250104	BOLT, CARRIAGE - 1/2 X 1 1/2IN UNC GR5 PL	48	1	D400237	SEED KNIFE HOLDER - D BLK
10	1	250155	BOLT, HEX 5/8 X 4 UNC GR8 PL	49	1	D401325	PACKER ARM - RH - FL - D BLK
11	3	250401	NUT, FLANGE - 1/2 UNC PL	50	1	D401326	PACKER MOUNT - RH - FL - D BLK
12	5	250404	NUT, FLANGE - 3/8 UNC - GR 8 PL	51	1	D404100	ASSY, OPENER PACKER HUB (10.9 BOLT/350FT LB) - D BLK
13	2	250451	NUT, HEX 3/4 UNC GR5 PL	52	1	D417821	WASHER - SRT - D BLK
14	7	250501	NUT, LOCK - 3/4 UNC - STOVER - GR.C - PL	53	1	X401327	FASTLOC DEPTH ADJUST PLATE - RH - PLATED
15	1	250511	NUT, LOCK 5/8 UNC - STOVER - GR8 PL	54	1	X401331	STD OPENER - DEPTH ADJUST - RH - PLATED
16	2	250550	WASHER, FLAT 5/8 IN GR8 PL	5020	1	250204	BOLT, U-SQ - 3/4 UNC X 4 ID X 8 IN -2 IN THD - GR8 PL
17	2	250551	WASHER, FLAT 3/4 IN PL	5925	1	259250	DECAL, SM ICON - OPENER
18	9	250552	WASHER, FLAT 3/4IN GR8 PL	0018	1	400185	BDL, OPENER CYL HDW - SEEDMASTER
19	1	250555	WASHER, FLAT - 1/2 IN - GR8 - PL	0024	1	400245	STRAP, NYLON - HOSE HOLDER
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	259251	DECAL, FASTLOC DEPTH ADJUST - STD				
28	1	400202	ASSY, FERT KNIFE - EXTENDED WEAR - BLK				
29	1	400222	BUSH, PIVOT SPACER 1 1/4OD X .77ID X 1.25 IN				
30	2	400232	PAD, WEAR 1/4 IN - UHMW				
31	2	400234-1	WASHER, TRIP 1/4 IN - UHMW				
32	1	400236-4	SHEET, FRMD 10 GA - RESIDUE DEFLECTOR - STAINLESS				
33	4	400241-2	BUSH, CYL SPACER 1.124 OD X .77ID X .9 IN				
34	2	400581	BUSH, CYL SPACER 1.124 OD X .77ID X .9 IN				
35	1	401335	PAD, DEPTH ADJUST - 1/4 IN - UHMW				
36	1	401336	WASHER, 3/8 IN - DEPTH PIVOT - UHMW				
37	1	401337	SHEET, 14 GA - WASHER - STD OPENER - SS				
38	1	401338	WASHER, DEPTH ADJUST 1/4 IN - UHMW				
39	2	401347	SHEET, 16 GA - WASHER - STD OPENER - SS				

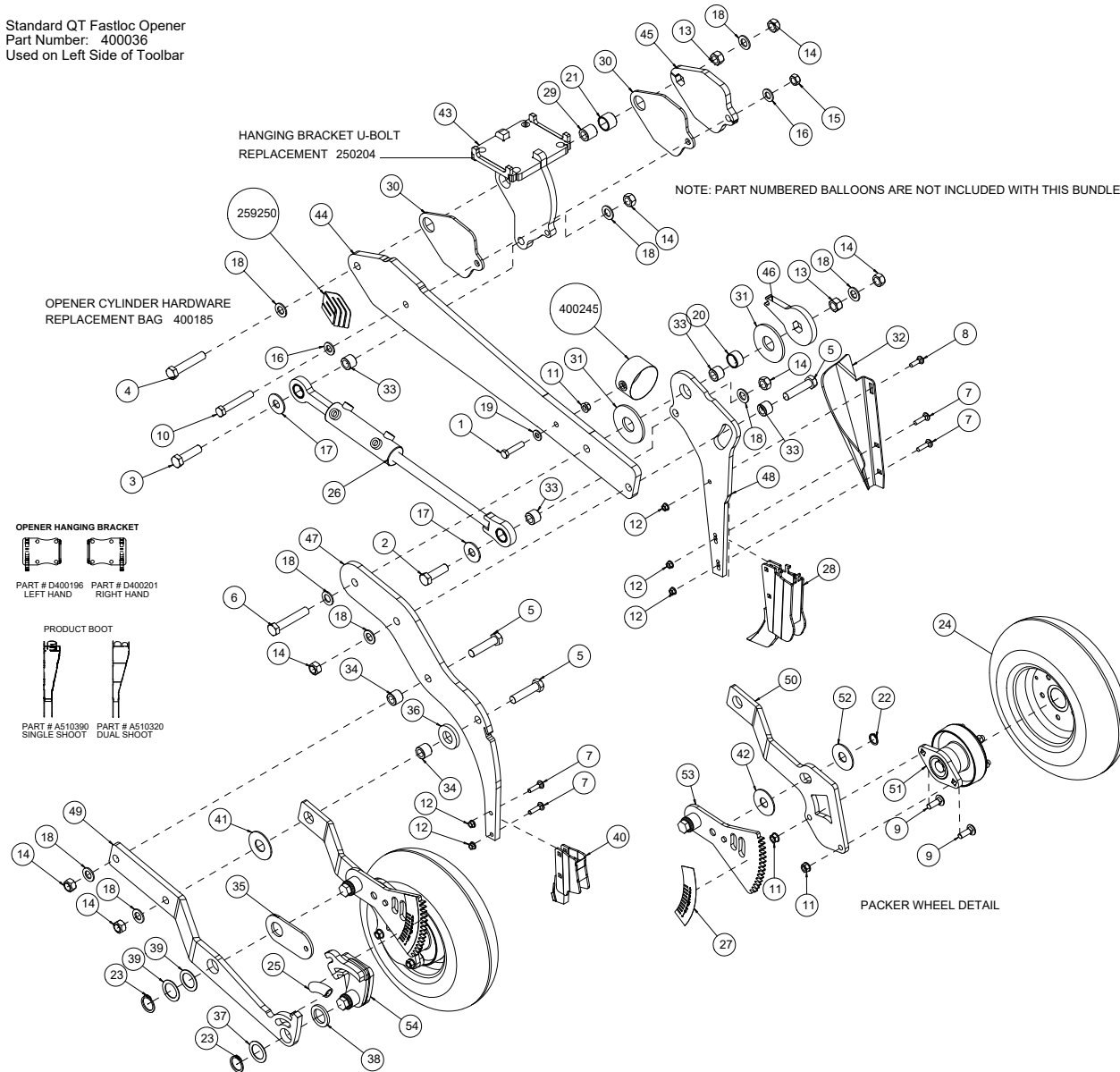
Standard Fastloc Opener
Part Number: 400030
Used on Left Side of Toolbar



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	404170	ASSY, SEED KNIFE - DUAL PRODUCT - STD. - BLK
2	1	250003	BOLT, HEX 3/4 X 2 1/2 UNC GR5 PL	41	1	417801	WASHER, 1/8 IN - DEPTH PIVOT - UHMW
3	1	250004	BOLT, HEX 3/4 X 2 3/4 UNC GR5 PL	42	1	417803	WASHER, 1/8 IN - RESIDUE WHEEL - UHMW
4	1	250025	BOLT, HEX 3/4 X 4 UNC GR5 PL	43	1	D400191	HANGER - OPENER - CTR - D BLK
5	3	250026	BOLT, HEX 3/4 X 3 1/4 UNC GR5 PL	44	1	D400230	ARM MAIN - D BLK
6	1	250049	BOLT, HEX 3/4 X 4 1/4 UNC GR5 PL	45	1	D400231	UHMW HOLDER CLAMP - D BLK
7	4	250100	BOLT, CARRIAGE - 3/8 X 1 1/2IN UND GR5 PL	46	1	D400235	TRIP WASHER - D BLK
8	1	250101	BOLT, CARRIAGE - 3/8 X 1 1/4 IN UNC GR5 PL	47	1	D400237	SEED KNIFE HOLDER - D BLK
9	2	250104	BOLT, CARRIAGE - 1/2 X 1 1/2IN UNC GR5 PL	48	1	D400484	FERT TRIP - QT100 - D BLK
10	1	250155	BOLT, HEX 5/8 X 4 UNC GR8 PL	49	1	D401325	PACKER ARM - RH - FL - D BLK
11	3	250401	NUT, FLANGE - 1/2 UNC PL	50	1	D401326	PACKER MOUNT - RH - FL - D BLK
12	5	250404	NUT, FLANGE - 3/8 UNC - GR 8 PL	51	1	D404100	ASSY, OPENER PACKER HUB (10.9 BOLT/350FT LB) - D BLK
13	2	250451	NUT, HEX 3/4 UNC GR5 PL	52	1	D417821	WASHER - SRT - D BLK
14	7	250501	NUT, LOCK - 3/4 UNC - STOVER - GR.C - PL	53	1	X401327	FASTLOC DEPTH ADJUST PLATE - RH - PLATED
15	1	250511	NUT, LOCK 5/8 UNC - STOVER - GR8 PL	54	1	X401331	STD OPENER - DEPTH ADJUST - RH - PLATED
16	2	250550	WASHER, FLAT 5/8 IN GR8 PL	5020	1	250204	BOLT, U-SQ - 3/4 UNC X 4 ID X 8 IN -2 IN THD - GR8 PL
17	2	250551	WASHER, FLAT 3/4 IN PL	5925	1	259250	DECAL, SM ICON - OPENER
18	9	250552	WASHER, FLAT 3/4IN GR8 PL	0018	1	400185	BDL, OPENER CYL HDW - SEEDMASTER
19	1	250555	WASHER, FLAT - 1/2 IN - GR8 - PL	0024	1	400245	STRAP, NYLON - HOSE HOLDER
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	259251	DECAL, FASTLOC DEPTH ADJUST - STD				
28	1	400202	ASSY, FERT KNIFE - EXTENDED WEAR - BLK				
29	1	400222	BUSH, PIVOT SPACER 1 1/4OD X .77ID X 1.25 IN				
30	2	400232	PAD, WEAR 1/4 IN - UHMW				
31	2	400234-1	WASHER, TRIP 1/4 IN - UHMW				
32	1	400236-4	SHEET, FRMD 10 GA - RESIDUE DEFLECTOR - STAINLESS				
33	4	400241-2	BUSH, CYL SPACER 1.124 OD X .77ID X .9 IN				
34	2	400581	BUSH, CYL SPACER 1.124 OD X .77ID X .9 IN				
35	1	401335	PAD, DEPTH ADJUST - 1/4 IN - UHMW				
36	1	401336	WASHER, 3/8 IN - DEPTH PIVOT - UHMW				
37	1	401337	SHEET, 14 GA - WASHER - STD OPENER - SS				
38	1	401338	WASHER, DEPTH ADJUST 1/4 IN - UHMW				
39	2	401347	SHEET, 16 GA - WASHER - STD OPENER - SS				

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



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	404171	ASSY, SEED KNIFE - DUAL SEED HOSE - LH - BLK
2	1	250003	BOLT, HEX 3/4 X 2 1/2 UNC GR5 PL	41	1	417801	WASHER, 1/8 IN - DEPTH PIVOT - UHMW
3	1	250004	BOLT, HEX 3/4 X 2 3/4 UNC GR5 PL	42	1	417803	WASHER, 1/8 IN - RESIDUE WHEEL - UHMW
4	1	250025	BOLT, HEX 3/4 X 4 UNC GR5 PL	43	1	D400191	HANGER - OPENER - CTR - D BLK
5	3	250026	BOLT, HEX 3/4 X 3 1/4 UNC GR5 PL	44	1	D400230	ARM MAIN - D BLK
6	1	250049	BOLT, HEX 3/4 X 4 1/4 UNC GR5 PL	45	1	D400231	UHMW HOLDER CLAMP - D BLK
7	4	250100	BOLT, CARRIAGE - 3/8 X 1 1/2IN UND GR5 PL	46	1	D400233	FERT TRIP - D BLK
8	1	250101	BOLT, CARRIAGE - 3/8 X 1 1/4 IN UNC GR5 PL	47	1	D400235	TRIP WASHER - D BLK
9	2	250104	BOLT, CARRIAGE - 1/2 X 1 1/2IN UNC GR5 PL	48	1	D400237	SEED KNIFE HOLDER - D BLK
10	1	250155	BOLT, HEX 5/8 X 4 UNC GR8 PL	49	1	D401339	PACKER ARM - LH - FL - D BLK
11	3	250401	NUT, FLANGE - 1/2 UNC PL	50	1	D401340	PACKER MOUNT - LH - FL - D BLK
12	5	250404	NUT, FLANGE - 3/8 UNC - GR 8 PL	51	1	D404100	ASSY, OPENER PACKER HUB (10.9 BOLT/350FT LB) - D BLK
13	2	250451	NUT, HEX 3/4 UNC GR5 PL	52	1	D417821	WASHER - SRT - D BLK
14	7	250501	NUT, LOCK - 3/4 UNC - STOVER - GR.C - PL	53	1	X401341	FASTLOC DEPTH ADJUST PLATE - LH - PLATED
15	1	250511	NUT, LOCK 5/8 UNC - STOVER - GR8 PL	54	1	X401342	STD OPENER - DEPTH ADJUST - LH - PLATED
16	2	250550	WASHER, FLAT 5/8 IN GR8 PL	5020	1	250204	BOLT, U-SQ - 3/4 UNC X 4 ID X 8 IN -2 IN THD - GR8 PL
17	2	250551	WASHER, FLAT 3/4 IN PL	5925	1	259250	DECAL, SM ICON - OPENER
18	9	250552	WASHER, FLAT 3/4IN GR8 PL	0018	1	400185	BDL, OPENER CYL HDW - SEEDMASTER
19	1	250555	WASHER, FLAT - 1/2 IN - GR8 - PL	0024	1	400245	STRAP, NYLON - HOSE HOLDER
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	259252	DECAL, FASTLOC DEPTH ADJUST - MIRROR				
28	1	400202	ASSY, FERT KNIFE - EXTENDED WEAR - BLK				
29	1	400222	BUSH, PIVOT SPACER 1 1/4OD X .77ID X 1.25 IN				
30	2	400232	PAD, WEAR 1/4 IN - UHMW				
31	2	400234-1	WASHER, TRIP 1/4 IN - UHMW				
32	4	400241-2	BUSH, CYL SPACER 1.124 OD X .77ID X .9 IN				
33	1	400246	PLATE, FRMD 10GA S.S. - DEFLECTOR MIRROR				
34	2	400581	BUSH, CYL SPACER 1.124 OD X .77ID X .9 IN				
35	1	401335	PAD, DEPTH ADJUST - 1/4 IN - UHMW				
36	1	401336	WASHER, 3/8 IN - DEPTH PIVOT - UHMW				
37	1	401337	SHEET, 14 GA - WASHER - STD OPENER - SS				
38	1	401338	WASHER, DEPTH ADJUST 1/4 IN - UHMW				
39	2	401347	SHEET, 16 GA - WASHER - STD OPENER - SS				

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

NOTE: PART NUMBERED BALLOONS ARE NOT INCLUDED WITH THIS BUNDLE

HANGING BRACKET U-BOLT
REPLACEMENT 250204

OPENER CYLINDER HARDWARE
REPLACEMENT BAG 400185

OPENER HANGING BRACKET

PART # D400196 LEFT HAND
PART # D400201 RIGHT HAND

PRODUCT BOOT

PART # A510400 SINGLE SHOOT
PART # A510330 DUAL SHOOT

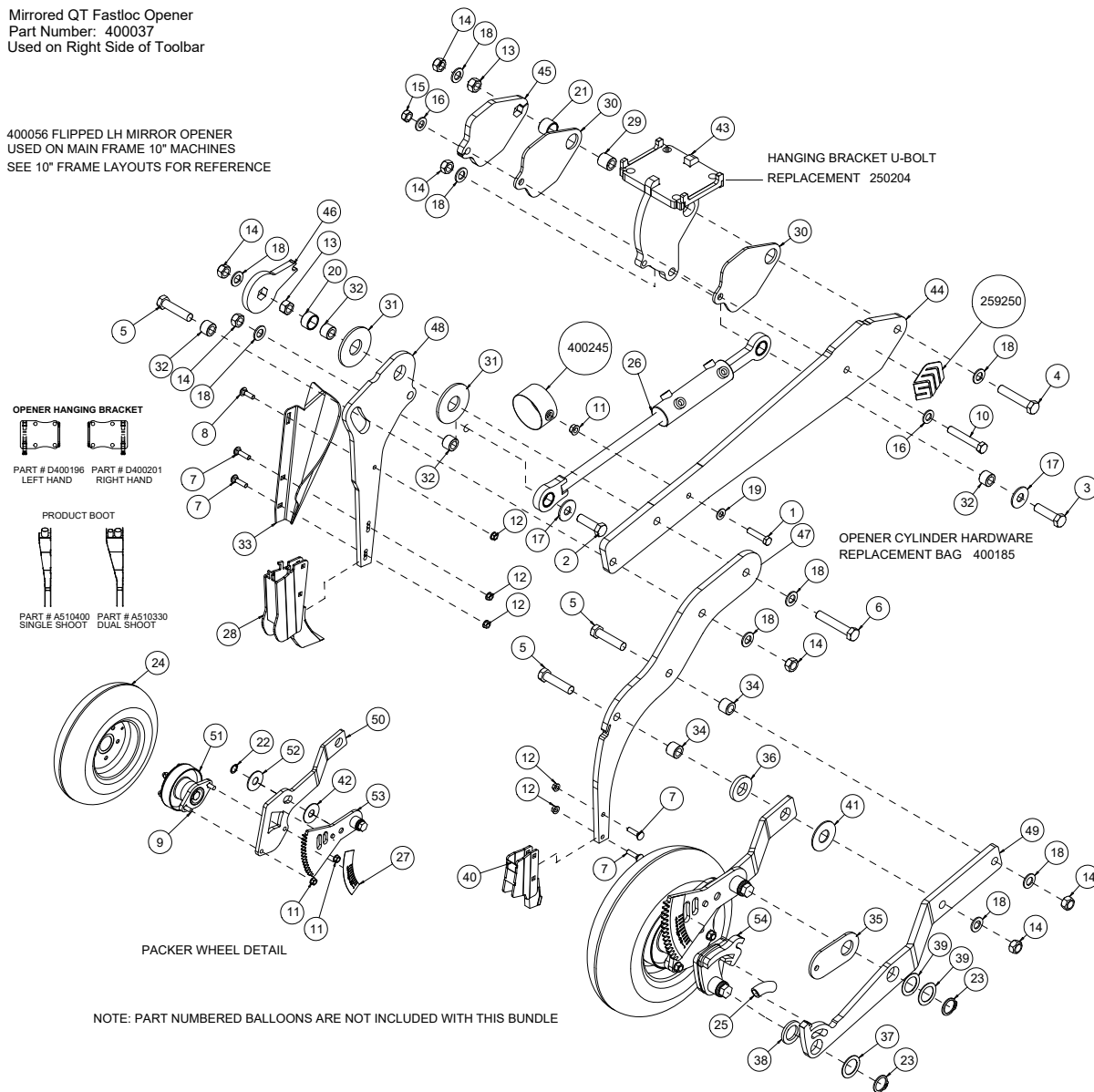
PACKER WHEEL DETAIL

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	404171	ASSY, SEED KNIFE - DUAL SEED HOSE - LH - BLK
2	1	250003	BOLT, HEX 3/4 X 2 1/2 UNC GR5 PL	41	1	417801	WASHER, 1/8 IN - DEPTH PIVOT - UHMW
3	1	250004	BOLT, HEX 3/4 X 2 3/4 UNC GR5 PL	42	1	417803	WASHER, 1/8 IN - RESIDUE WHEEL - UHMW
4	1	250025	BOLT, HEX 3/4 X 4 UNC GR5 PL	43	1	D400191	HANGER - OPENER - CTR - D BLK
5	3	250026	BOLT, HEX 3/4 X 3 1/4 UNC GR5 PL	44	1	D400230	ARM MAIN - D BLK
6	1	250049	BOLT, HEX 3/4 X 4 1/4 UNC GR5 PL	45	1	D400231	UHMW HOLDER CLAMP - D BLK
7	4	250100	BOLT, CARRIAGE - 3/8 X 1 1/2IN UND GR5 PL	46	1	D400235	TRIP WASHER - D BLK
8	1	250101	BOLT, CARRIAGE - 3/8 X 1 1/4 IN UNC GR5 PL	47	1	D400237	SEED KNIFE HOLDER - D BLK
9	2	250104	BOLT, CARRIAGE - 1/2 X 1 1/2IN UNC GR5 PL	48	1	D400484	FERT TRIP - QT100 - D BLK
10	1	250155	BOLT, HEX 5/8 X 4 UNC GR8 PL	49	1	D401339	PACKER ARM - LH - FL - D BLK
11	3	250401	NUT, FLANGE - 1/2 UNC PL	50	1	D401340	PACKER MOUNT - LH - FL - D BLK
12	5	250404	NUT, FLANGE - 3/8 UNC - GR 8 PL	51	1	D404100	ASSY, OPENER PACKER HUB (10.9 BOLT/350FT LB) - D BLK
13	2	250451	NUT, HEX 3/4 UNC GR5 PL	52	1	D417821	WASHER - SRT - D BLK
14	7	250501	NUT, LOCK - 3/4 UNC - STOVER - GR.C - PL	53	1	X401341	FASTLOC DEPTH ADJUST PLATE - LH - PLATED
15	1	250511	NUT, LOCK 5/8 UNC - STOVER - GR8 PL	54	1	X401342	STD OPENER - DEPTH ADJUST - LH - PLATED
16	2	250550	WASHER, FLAT 5/8 IN GR8 PL	5020	1	250204	BOLT, U-SQ - 3/4 UNC X 4 ID X 8 IN -2 IN THD - GR8 PL
17	2	250551	WASHER, FLAT 3/4 IN PL	5925	1	259250	DECAL, SM ICON - OPENER
18	9	250552	WASHER, FLAT 3/4IN GR8 PL	0018	1	400185	BDL, OPENER CYL HDW - SEEDMASTER
19	1	250555	WASHER, FLAT - 1/2 IN - GR8 - PL	0024	1	400245	STRAP, NYLON - HOSE HOLDER
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	259252	DECAL, FASTLOC DEPTH ADJUST - MIRROR				
28	1	400202	ASSY, FERT KNIFE - EXTENDED WEAR - BLK				
29	1	400222	BUSH, PIVOT SPACER 1 1/4OD X .77ID X 1.25 IN				
30	2	400232	PAD, WEAR 1/4 IN - UHMW				
31	2	400234-1	WASHER, TRIP 1/4 IN - UHMW				
32	4	400241-2	BUSH, CYL SPACER 1.124 OD X .77ID X .9 IN				
33	1	400246	PLATE, FRMD 10GA S.S. - DEFLECTOR MIRROR				
34	2	400581	BUSH, CYL SPACER 1.124 OD X .77ID X .9 IN				
35	1	401335	PAD, DEPTH ADJUST - 1/4 IN - UHMW				
36	1	401336	WASHER, 3/8 IN - DEPTH PIVOT - UHMW				
37	1	401337	SHEET, 14 GA - WASHER - STD OPENER - SS				
38	1	401338	WASHER, DEPTH ADJUST 1/4 IN - UHMW				
39	2	401347	SHEET, 16 GA - WASHER - STD OPENER - SS				

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

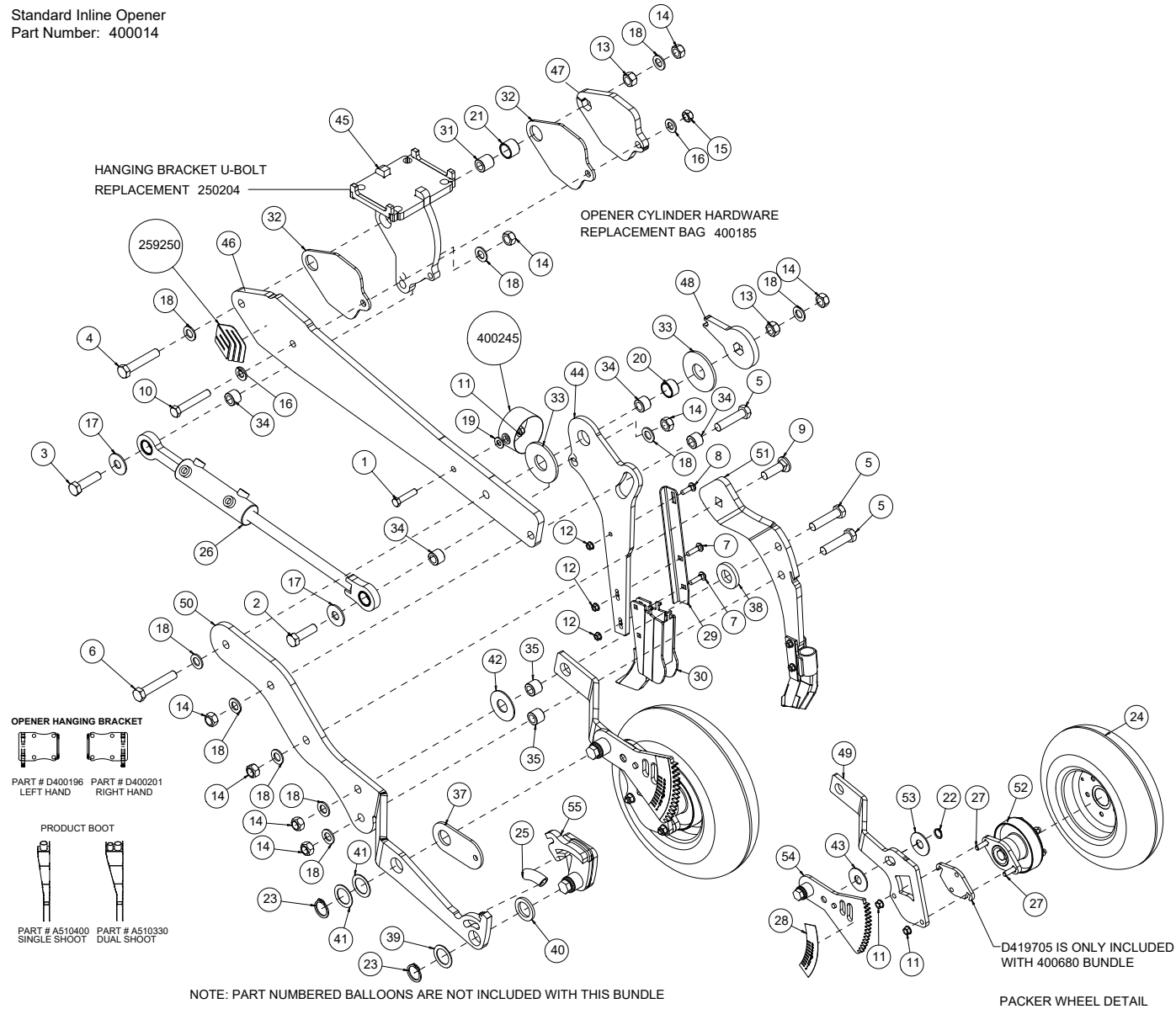
400056 FLIPPED LH MIRROR OPENER
USED ON MAIN FRAME 10" MACHINES
SEE 10" FRAME LAYOUTS FOR REFERENCE



Standard Inline 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	401338	WASHER, DEPTH ADJUST 1/4 IN - UHMW
2	1	250003	BOLT, HEX 3/4 X 2 1/2 UNC GR5 PL	41	2	401347	SHEET, 16 GA - WASHER - STD OPENER - SS
3	1	250004	BOLT, HEX 3/4 X 2 3/4 UNC GR5 PL	42	1	417801	WASHER, 1/8 IN - DEPTH PIVOT - UHMW
4	1	250025	BOLT, HEX 3/4 X 4 UNC GR5 PL	43	1	417803	WASHER, 1/8 IN - RESIDUE WHEEL - UHMW
5	3	250026	BOLT, HEX 3/4 X 3 1/4 UNC GR5 PL	44	1	D400167	PLATE, FERT TRIP 1/2 IN - RESIDUE - QT100 - D BLK
6	1	250049	BOLT, HEX 3/4 X 4 1/4 UNC GR5 PL	45	1	D400191	HANGER - OPENER - CTR - D BLK
7	2	250100	BOLT, CARRIAGE - 3/8 X 1 1/2IN UND GR5 PL	46	1	D400230	ARM MAIN - D BLK
8	1	250101	BOLT, CARRIAGE - 3/8 X 1 1/4 IN UNC GR5 PL	47	1	D400231	UHMW HOLDER CLAMP - D BLK
9	1	250142	BOLT, CARRIAGE - 3/4 X 2 1/2 IN UNC GR5 PL	48	1	D400235	TRIP WASHER - D BLK
10	1	250155	BOLT, HEX 5/8 X 4 UNC GR8 PL	49	1	D401150	PLATE, FRMD 1/2 IN - INLINE PACKER MOUNT - RH - FL - D BLK
11	3	250401	NUT, FLANGE - 1/2 UNC PL	50	1	D401151	PLATE, FRMD 5/8 IN - INLINE PACKER ARM - RH - FL - D BLK
12	3	250404	NUT, FLANGE - 3/8 UNC - GR 8 PL	51	1	D401152	PLATE, FRMD 5/8 IN - INLINE SEED KNIFE HOLDER - RH - FL - D BLK
13	2	250451	NUT, HEX 3/4 UNC GR5 PL	52	1	D404100	ASSY, OPENER PACKER HUB (10.9 BOLT/350FT LB) - D BLK
14	8	250501	NUT, LOCK - 3/4 UNC - STOVER - GR.C - PL	53	1	D417821	WASHER - SRT - D BLK
15	1	250511	NUT, LOCK 5/8 UNC - STOVER - GR8 PL	54	1	X401327	FASTLOC DEPTH ADJUST PLATE - RH - PLATED
16	2	250550	WASHER, FLAT 5/8 IN GR8 PL	55	1	X401331	STD OPENER - DEPTH ADJUST - RH - PLATED
17	2	250551	WASHER, FLAT 3/4 IN PL	5020	1	250204	BOLT, U-SQ - 3/4 UNC X 4 ID X 8 IN -2 IN THD - GR8 PL
18	10	250552	WASHER, FLAT 3/4IN GR8 PL	5925	1	259250	DECAL, SM ICON - OPENER
19	1	250555	WASHER, FLAT - 1/2 IN - GR8 - PL	0018	1	400185	BDL, OPENER CYL HDW - SEEDMASTER
20	1	250601	BUSH, 1 1/2OD X 1 1/4ID X 7/8 IN - CONNEX	0024	1	400245	STRAP, NYLON - HOSE HOLDER
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	2	258741	BOLT, CARRIAGE - 1/2 X 2 UNC GR5 PL				
28	1	259251	DECAL, FASTLOC DEPTH ADJUST - STD				
29	1	400025	PLATE, 10GA SS - FERT LEG SUP - STD				
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	2	400232	PAD, WEAR 1/4 IN - UHMW				
33	2	400234-1	WASHER, TRIP 1/4 IN - UHMW				
34	4	400241-2	BUSH, CYL SPACER 1.124 OD X .77ID X .9 IN				
35	2	400581	BUSH, CYL SPACER 1.124 OD X .77ID X .9 IN				
36	1	400999	ASSY, SEED KNIFE - INLINE OFFSET LEFT - BLK				
37	1	401335	PAD, DEPTH ADJUST - 1/4 IN - UHMW				
38	1	401336	WASHER, 3/8 IN - DEPTH PIVOT - UHMW				
39	1	401337	SHEET, 14 GA - WASHER - STD OPENER - SS				

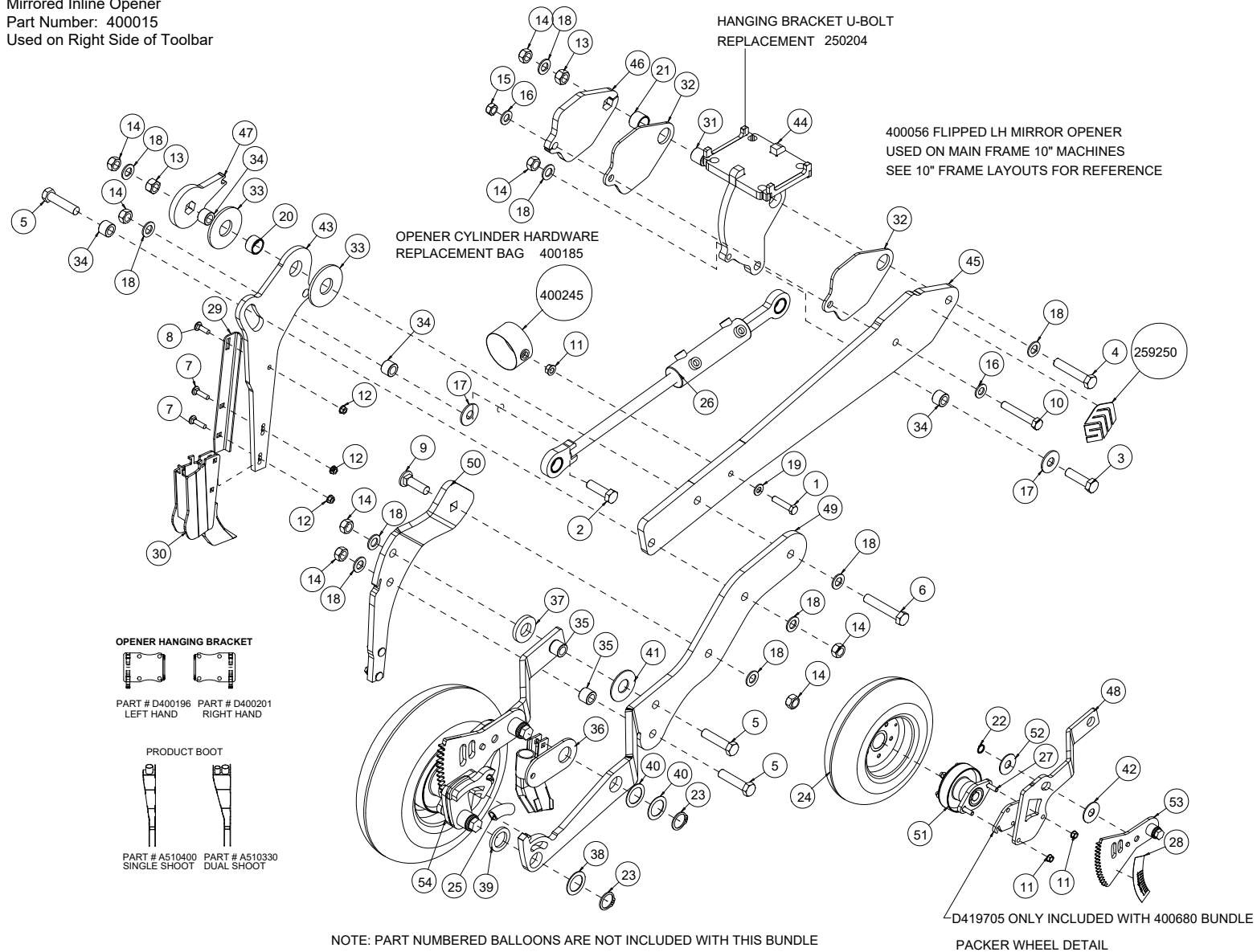
Standard Inline Opener
Part Number: 400014



Mirrored Inline 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	2	401347	SHEET, 16 GA - WASHER - STD OPENER - SS
2	1	250003	BOLT, HEX 3/4 X 2 1/2 UNC GR5 PL	41	1	417801	WASHER, 1/8 IN - DEPTH PIVOT - UHMW
3	1	250004	BOLT, HEX 3/4 X 2 3/4 UNC GR5 PL	42	1	417803	WASHER, 1/8 IN - RESIDUE WHEEL - UHMW
4	1	250025	BOLT, HEX 3/4 X 4 UNC GR5 PL	43	1	D400167	PLATE, FERT TRIP 1/2 IN - RESIDUE - QT100 - D BLK
5	3	250026	BOLT, HEX 3/4 X 3 1/4 UNC GR5 PL	44	1	D400191	HANGER - OPENER - CTR - D BLK
6	1	250049	BOLT, HEX 3/4 X 4 1/4 UNC GR5 PL	45	1	D400230	ARM MAIN - D BLK
7	2	250100	BOLT, CARRIAGE - 3/8 X 1 1/2IN UND GR5 PL	46	1	D400231	UHMW HOLDER CLAMP - D BLK
8	1	250101	BOLT, CARRIAGE - 3/8 X 1 1/4 IN UNC GR5 PL	47	1	D400235	TRIP WASHER - D BLK
9	1	250142	BOLT, CARRIAGE - 3/4 X 2 1/2 IN UNC GR5 PL	48	1	D401153	PFL-F,1/2IN-INLN PCKR LH-FL
10	1	250155	BOLT, HEX 5/8 X 4 UNC GR8 PL	49	1	D401154	PFL-F,5/8IN-IL PACKER-LH-FL
11	3	250401	NUT, FLANGE - 1/2 UNC PL	50	1	D401155	PFL-F,5/8IN-IL KNIFE-LH-FL
12	3	250404	NUT, FLANGE - 3/8 UNC - GR 8 PL	51	1	D404100	ASSY, OPENER PACKER HUB (10.9 BOLT/350FT LB) - D BLK
13	2	250451	NUT, HEX 3/4 UNC GR5 PL	52	1	D417821	WASHER - SRT - D BLK
14	8	250501	NUT, LOCK - 3/4 UNC - STOVER - GR.C - PL	53	1	X401341	FASTLOC DEPTH ADJUST PLATE - LH - PLATED
15	1	250511	NUT, LOCK 5/8 UNC - STOVER - GR8 PL	54	1	X401342	STD OPENER - DEPTH ADJUST - LH - PLATED
16	2	250550	WASHER, FLAT 5/8 IN GR8 PL	55	1	400998	ASSY, SEED KNIFE - INLINE OFFSET RIGHT - BLK
17	2	250551	WASHER, FLAT 3/4 IN PL	5020	1	250204	BOLT, U-SQ - 3/4 UNC X 4 ID X 8 IN -2 IN THD - GR8 PL
18	10	250552	WASHER, FLAT 3/4IN GR8 PL	5925	1	259250	DECAL, SM ICON - OPENER
19	1	250555	WASHER, FLAT - 1/2 IN - GR8 - PL	0018	1	400185	BDL, OPENER CYL HDW - SEEDMASTER
20	1	250601	BUSH, 1 1/2OD X 1 1/4ID X 7/8 IN - CONNEX	0024	1	400245	STRAP, NYLON - HOSE HOLDER
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	2	258741	BOLT, CARRIAGE - 1/2 X 2 UNC GR5 PL				
28	1	259252	DECAL, FASTLOC DEPTH ADJUST - MIRROR				
29	1	400024	SHEET, 10 GA - FERT LEG SUP, RH - SS				
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	2	400232	PAD, WEAR 1/4 IN - UHMW				
33	2	400234-1	WASHER, TRIP 1/4 IN - UHMW				
34	4	400241-2	BUSH, CYL SPACER 1.124 OD X .77ID X .9 IN				
35	2	400581	BUSH, CYL SPACER 1.124 OD X .77ID X .9 IN				
36	1	401335	PAD, DEPTH ADJUST - 1/4 IN - UHMW				
37	1	401336	WASHER, 3/8 IN - DEPTH PIVOT - UHMW				
38	1	401337	SHEET, 14 GA - WASHER - STD OPENER - SS				
39	1	401338	WASHER, DEPTH ADJUST 1/4 IN - UHMW				

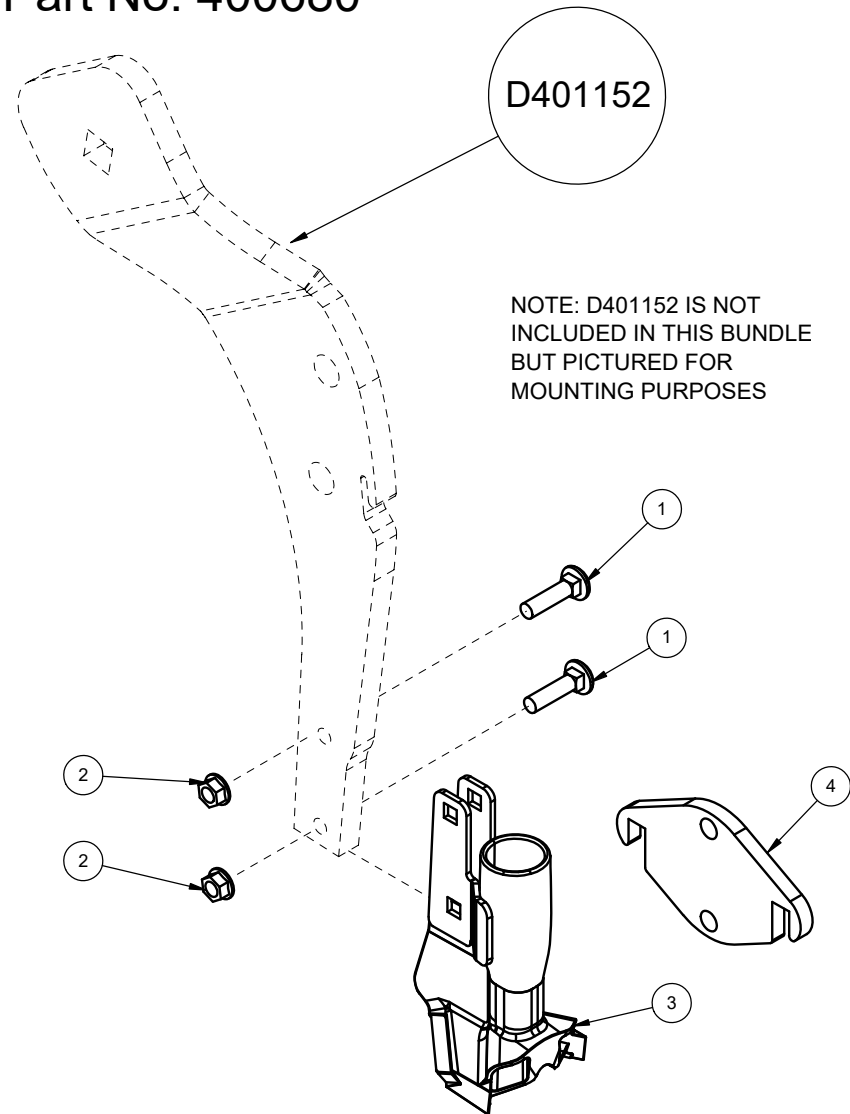
Mirrored Inline Opener
Part Number: 400015
Used on Right Side of Toolbar



Paired Row Seed Knife Bundle

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	2	250100	BOLT, CARRIAGE - 3/8 X 1 1/2IN UND GR5 PL				
2	2	250404	NUT, FLANGE - 3/8 UNC - GR 8 PL				
3	1	400997	ASSY, SEED KNIFE - PAIRED ROW 3 IN - BLK				
4	1	D419705	PLATE, 3/8 IN - PACKER WHEEL SPACER - D BLK				
1011:	1	D401152	PLATE, FRMD 5/8 IN - INLINE SEED KNIFE HOLDER - RH - FL - D BLK				

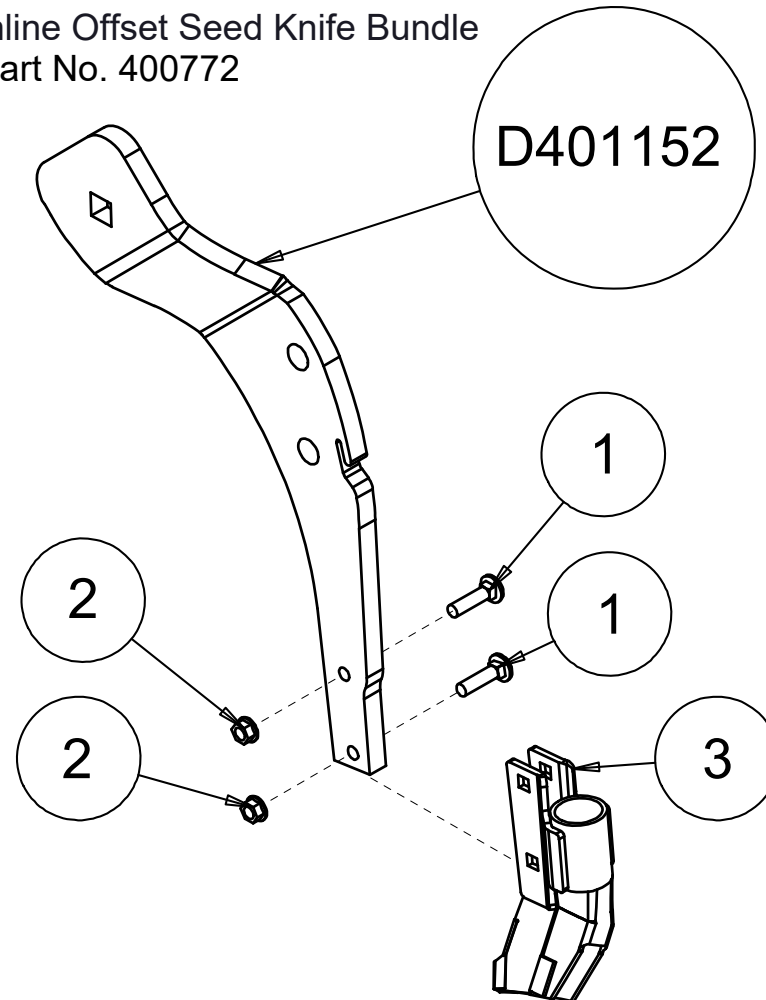
Paired Row Seed Knife Bundle Part No. 400680



Inline Offset Seed Knife Bundle

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	2	250100	BOLT, CARRIAGE - 3/8 X 1 1/2IN UND GR5 PL				
2	2	250404	NUT, FLANGE - 3/8 UNC - GR 8 PL				
3	1	400999	ASSY, SEED KNIFE - INLINE OFFSET LEFT - BLK				
1011:	1	D401152	PLATE, FRMD 5/8 IN - INLINE SEED KNIFE HOLDER - RH - FL - D BLK				

Inline Offset Seed Knife Bundle
Part No. 400772

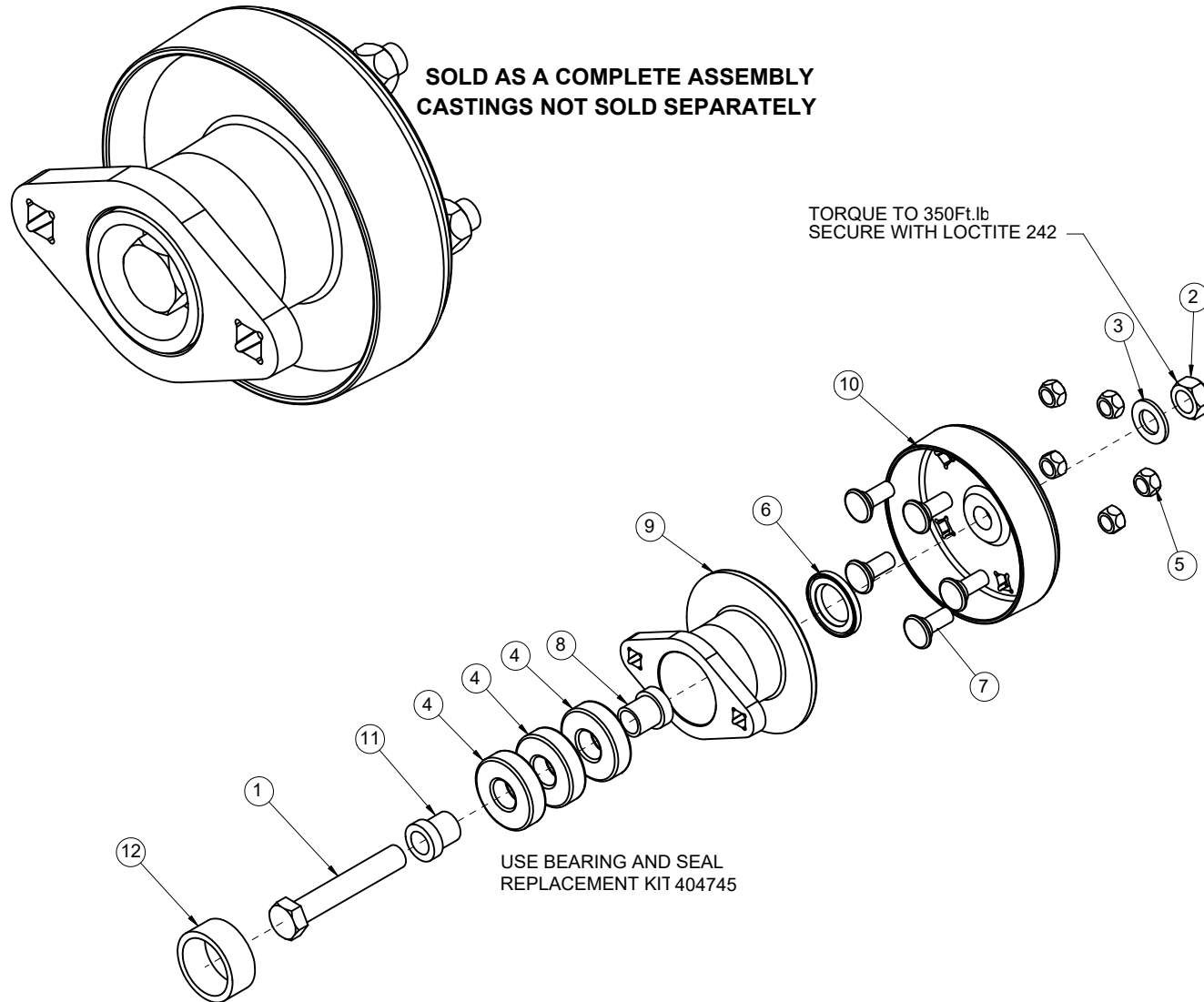


NOTE: D401152 IS NOT INCLUDED IN THIS BUNDLE BUT PICTURED FOR MOUNTING PURPOSES

Packer Hub Bundle

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	250132	BOLT, HEX 3/4 X 4 1/2 UNC GR8 PL				
2	1	250501	NUT, LOCK - 3/4 UNC - STOVER - GR.C - PL				
3	1	250552	WASHER, FLAT 3/4IN GR8 PL				
4	3	250727	BEARING, BALL - 6305-2RLYD - PEER				
5	5	253037	NUT, WHEEL - 1/2 UNF CONE				
6	1	253043	SEAL, GREASE - HUB - OPENER PACKER HUB				
7	5	253044	STUD, WHEEL - 1/2"-20 UNF - PACKER HUB				
8	1	404104-1	BUSH, SPACER - INNER PACKER HUB				
9	1	404115	HUB, PACKER WHEEL - CASTING				
10	1	404120-2	PLATE, PACKER WHEEL-CAST-YEL-C/W STUDS & NUTS				
11	1	X404104	BUSH, SPACER - INNER - PACKER HUB - PLATED				
12	1	X404105	BUSH, SPACER - OUTER - PACKER HUB - PLATED				
-	1	404100-3	BDL, OPENER PACKER HUB ASSY				
-	0	404745	KIT - PACKER HUB BEARING AND SEAL UPDATE				

Packer Hub Bundle
Part Number: 404100-3

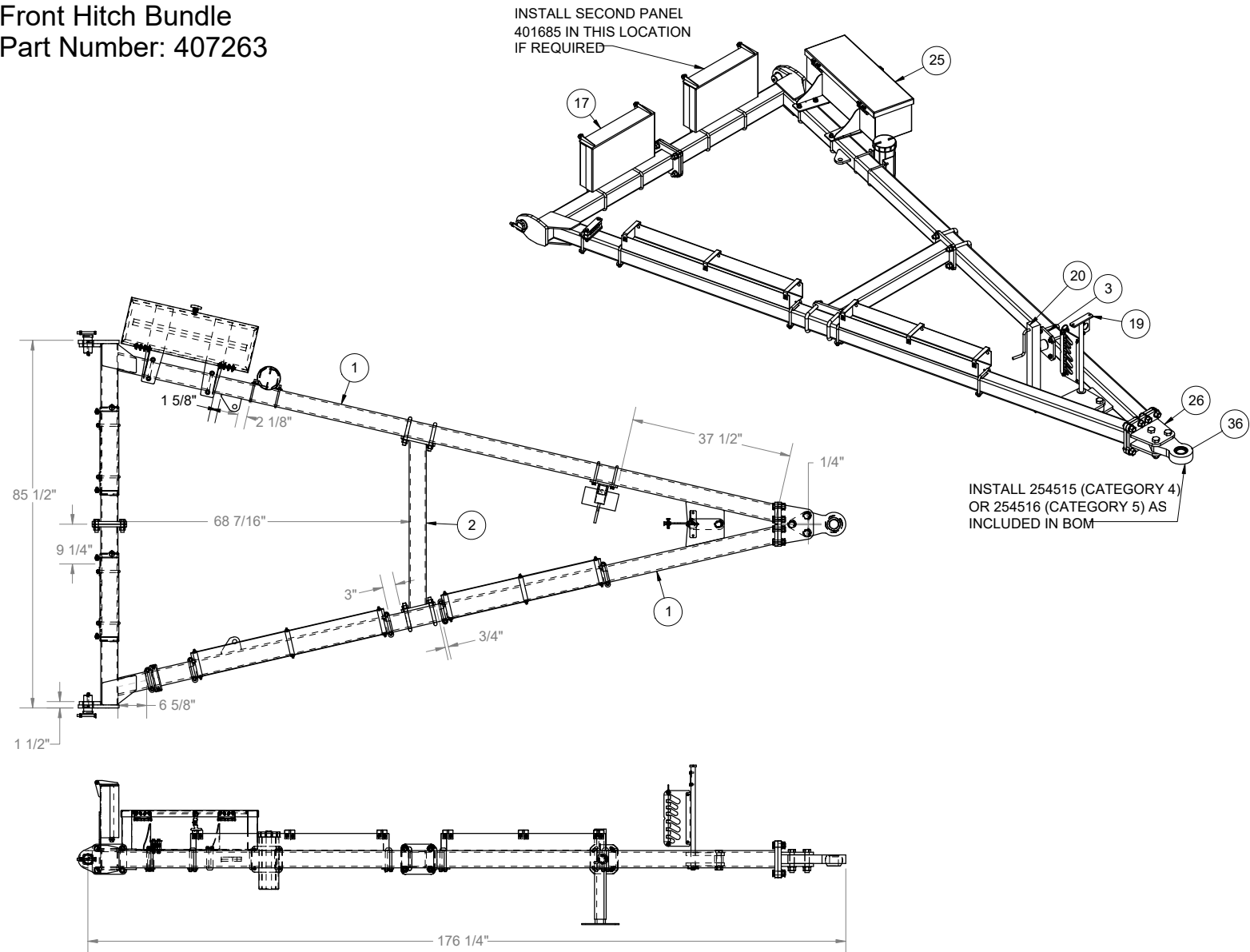


Front Hitch Bundle

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

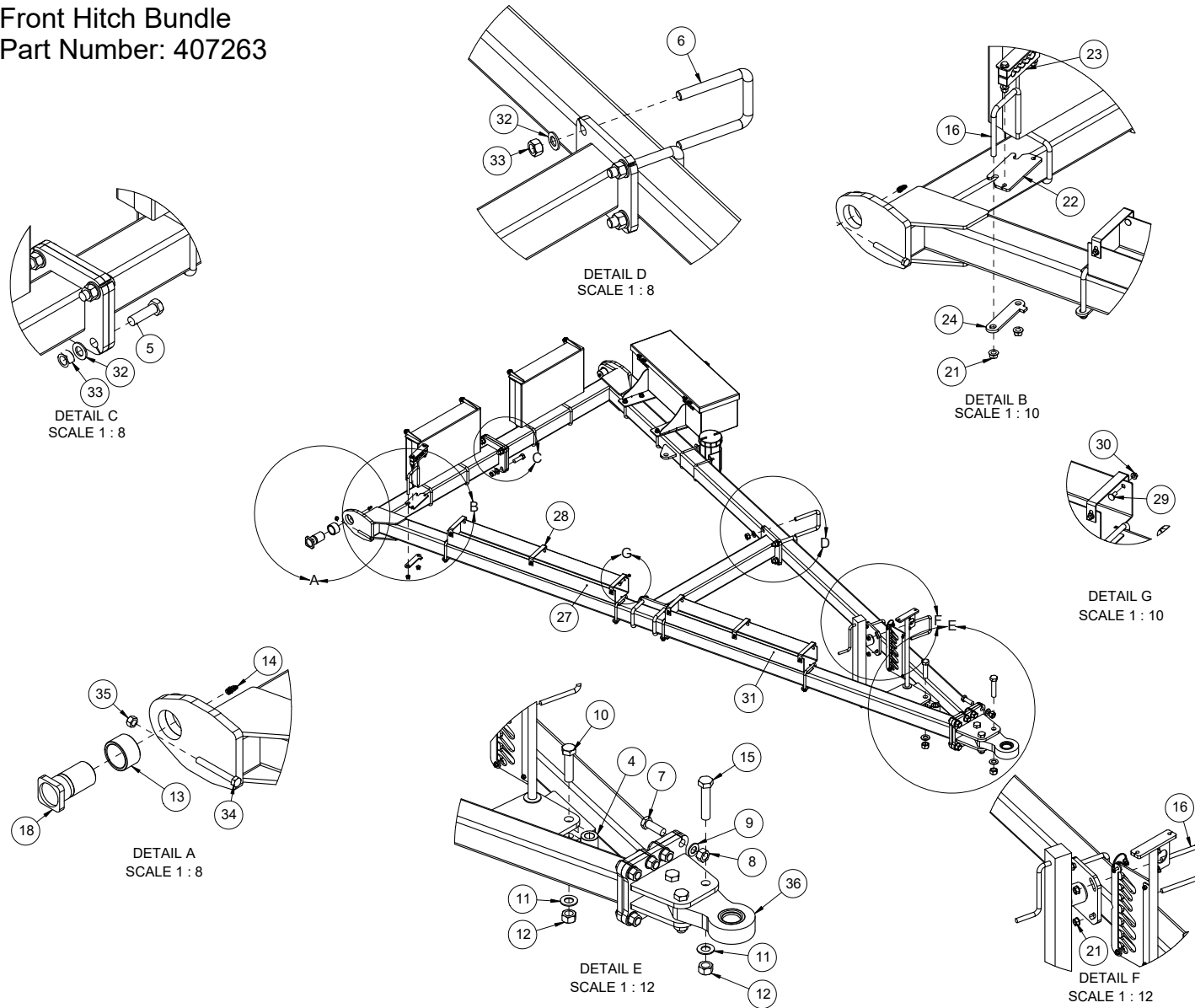
Part Number: 407263



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

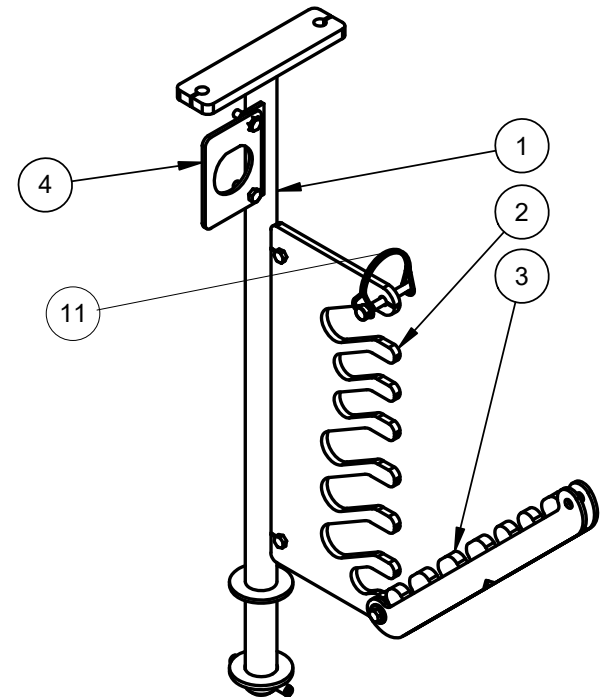
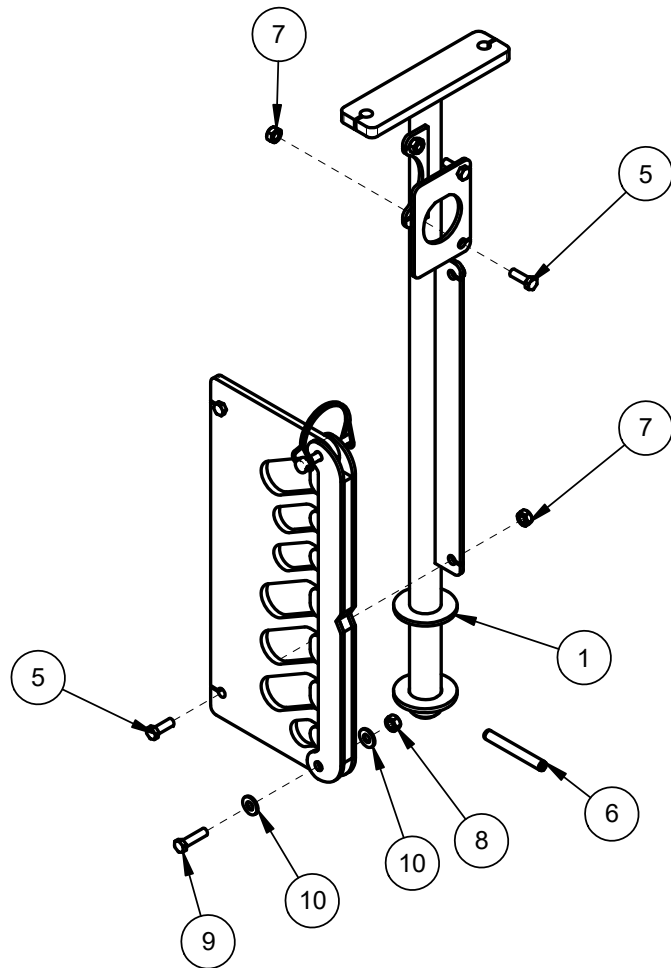


Front Hitch Hose Holder

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	400320-6	ASSY, HOSE HOLDER - FRT HITCH - BLK				
2	1	400421-1	PLATE, 1/4 IN - HOSE HOLDER - BLK				
3	1	400327-1	ASSY, LOCK BAR - HOSE HOLDER - BLK				
4	1	400422-1	SHEET, 10 GA - ISO BULKHEAD - BLK				
5	4	250122	BOLT, HEX 1/4 X 3/4 IN GR5 PL				
6	1	250600	PIN, SPRING - 5/16 X 2 1/2 IN - PL				
7	4	250458	NUT, HEX - 1/4 UNC PL				
8	1	250507	NUT, LOCK - 1/4 UNC - STOVER - PL				
9	1	250033	BOLT, HEX 1/4 X 1 IN GR5 PL				
10	3	250559	WASHER, FLAT - 1/4 IN PL				
11	1	250594	PIN, QUICK/LOCK - 1/4 X 1 3/4 IN EFF - ROUND				
12	1	250554	WASHER, FLAT - 1 IN GR8 PL				

Front Hitch Hose Holder

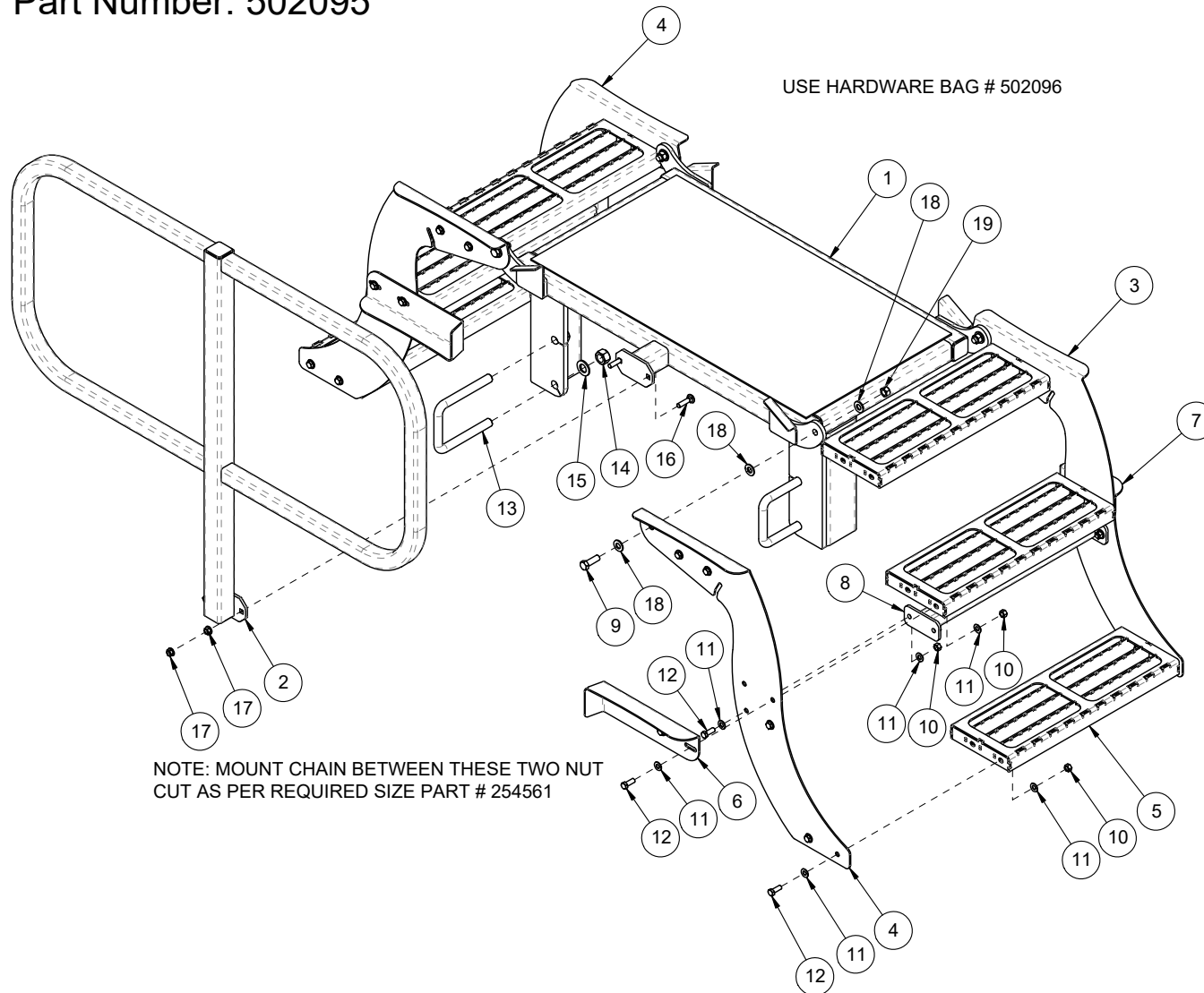
Part Number: 400319-1



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				

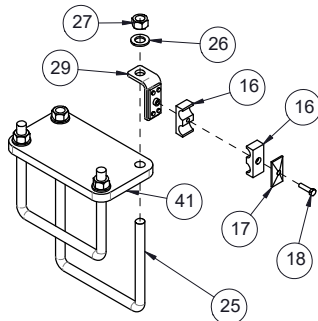
Front Hitch Walkway Part Number: 502095



Frame Hose Holders

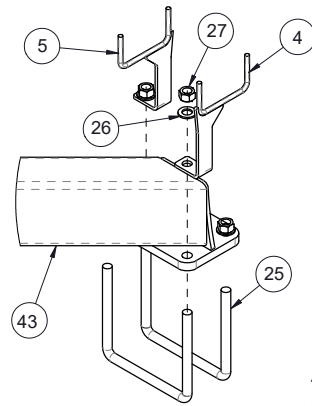
Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	405348	WELD, ACT WING BRACE HYD HOSE MNT - BLK	40	1	250566	WASHER, FLAT - 3/8 IN PL
2	1	405353	WELD, BRIDAL WING BRACE HYD HOSE MNT	41	1	404333	PLATE, BOLT 3/4 IN - ANGLE BRACKET
3	1	405362	WELD, BOLT ON WIRE LOOPS - XEED - BLK	42	2	406604	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



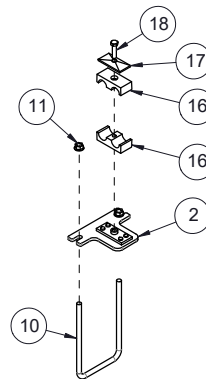
405370 - BAG, HDW - BOLT ON
HYD HOSE CLAMP- SM - BLK

DETAIL A
SCALE 1 : 10



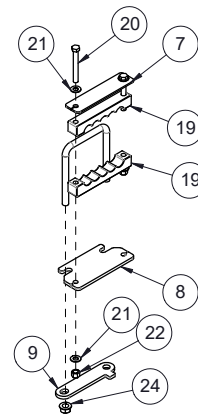
WELD, FR BEAM HOSE GUID
- LEFT & RIGHT- BLK

DETAIL B
SCALE 1 : 10



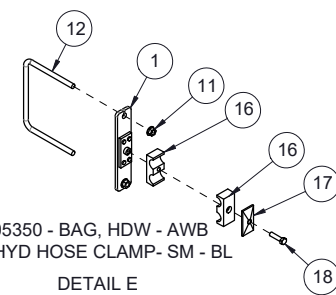
405355 - BAG, HDW - BRIDAL
HYD HOSE CLAMP- SM - BLK

DETAIL C
SCALE 1 : 10



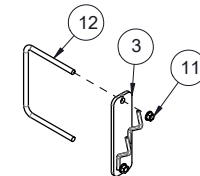
407266 - BAG, HDW - FRT HITCH
HYD HOSE CLAMP- SEEDMASTE

DETAIL D
SCALE 1 : 10



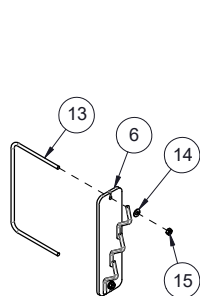
405350 - BAG, HDW - AWB
- HYD HOSE CLAMP- SM - BLK

DETAIL E
SCALE 1 : 10



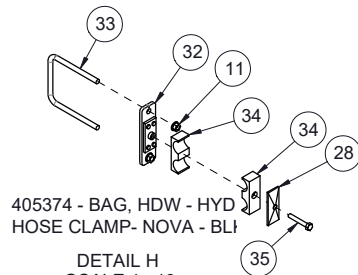
405363 - BAG, HDW - WELD,
BOLT ON WIRE LOOPS - XEEI
- SM - BLK

DETAIL F
SCALE 1 : 10



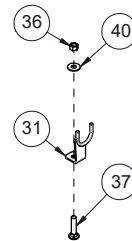
405366 - BAG, HDW - WELD,
BOLT ON WIRE LOOPS
- MAIN BEAMS - SM - BLK

DETAIL G
SCALE 1 : 10



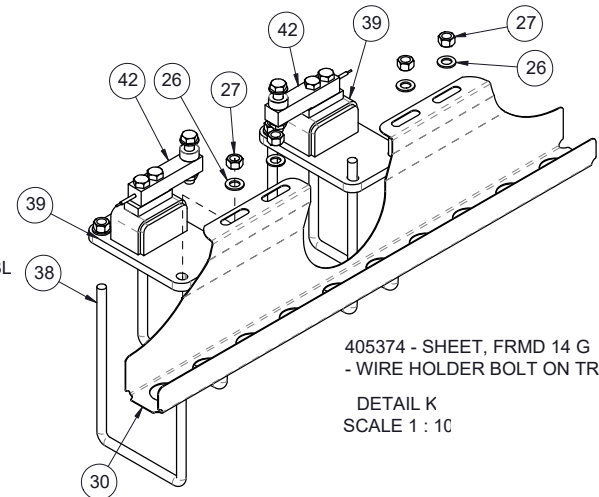
405374 - BAG, HDW - HYD
HOSE CLAMP- NOVA - BLK

DETAIL H
SCALE 1 : 10



405372 - WELD, SINGLE
HOSE BOLT ON CLAMP - BLK

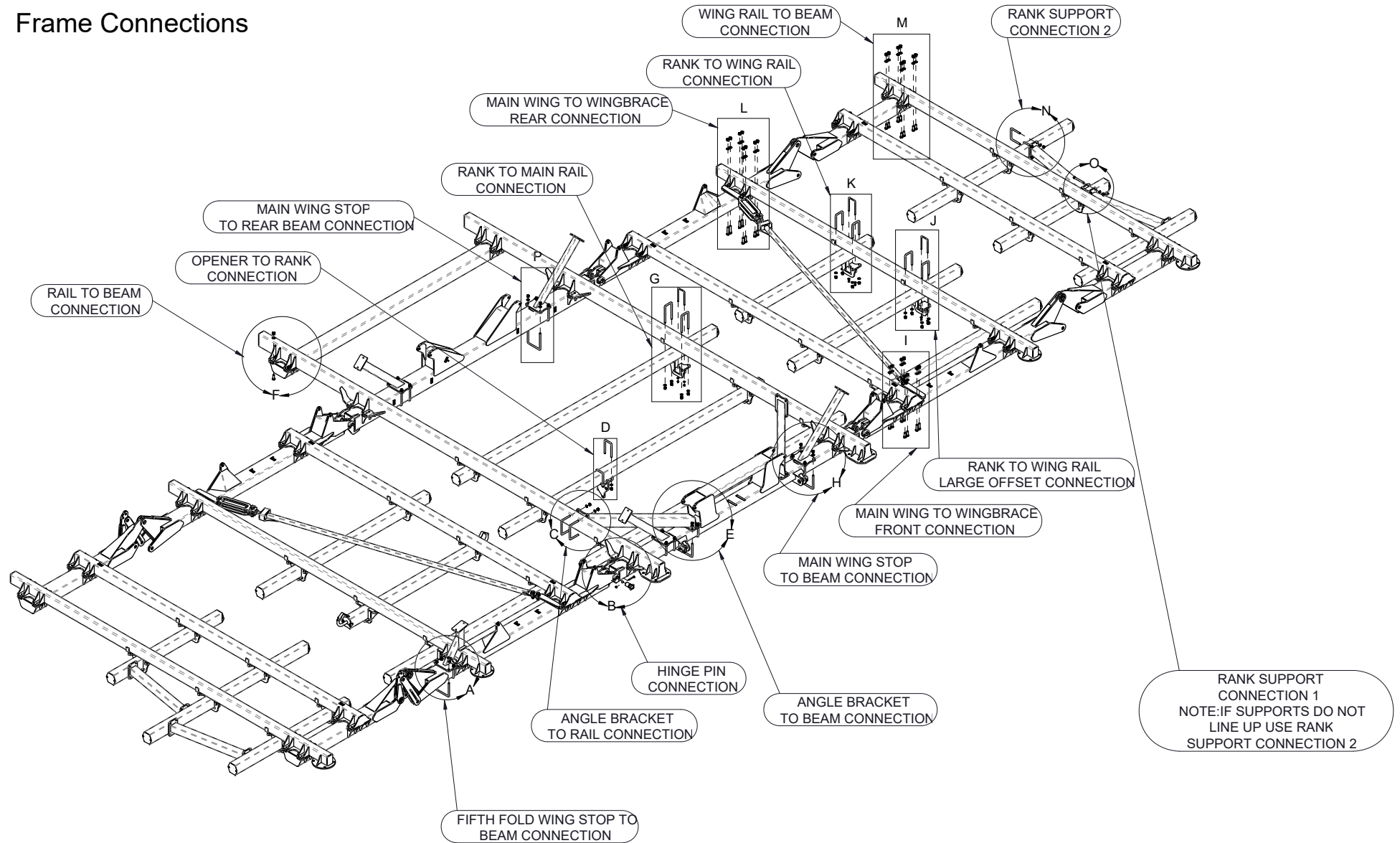
DETAIL J
SCALE 1 : 10



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

DETAIL K
SCALE 1 : 10

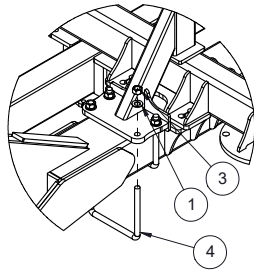
Frame Connections



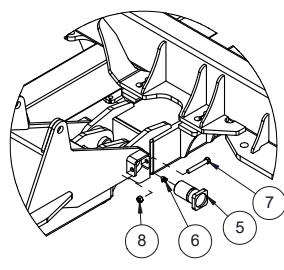
Frame Connections

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				

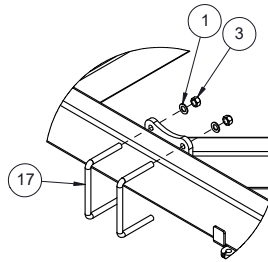
Frame Connections



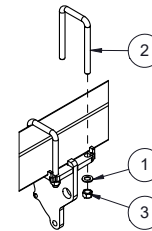
DETAIL A
FIFTH FOLD WING STOP
TO BEAM CONNECTION



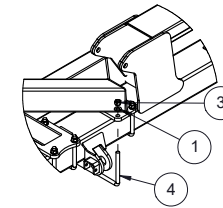
DETAIL B
HINGE PIN
CONNECTION



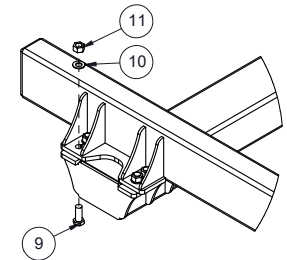
DETAIL C
ANGLE BRACKET
TO RAIL CONNECTION



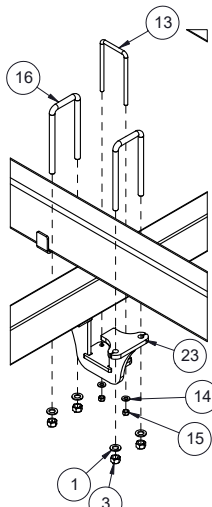
DETAIL D
OPENER TO
RANK CONNECTION



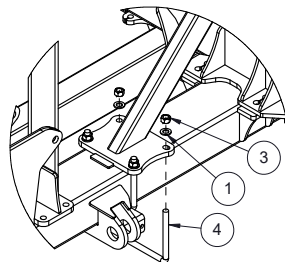
DETAIL E
ANGLE BRACKET
TO BEAM CONNECTION



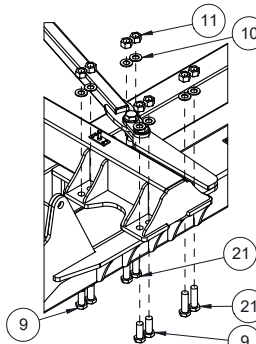
DETAIL F
RAIL TO BEAM
CONNECTION



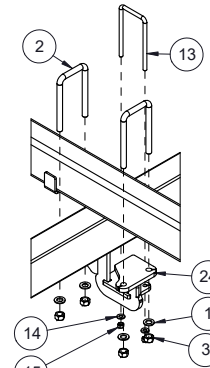
DETAIL G
RANK TO MAIN RAIL
CONNECTION



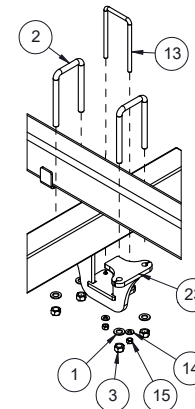
DETAIL H
MAIN WING STOP
TO BEAM CONNECTION



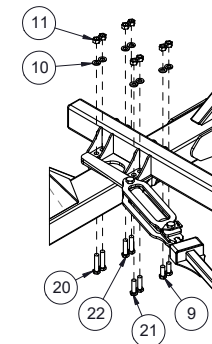
DETAIL I
MAIN WING TO WINGBRACE
FRONT CONNECTION



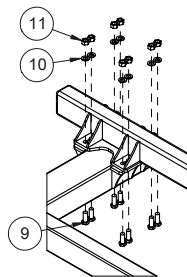
DETAIL J
RANK TO WING RAIL
LARGE OFFSET CONNECTION



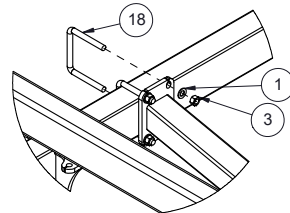
DETAIL K
RANK TO WING RAIL
CONNECTION



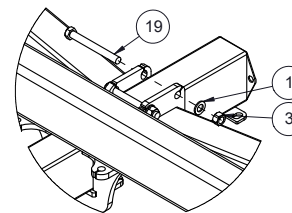
DETAIL L
MAIN WING TO WINGBRACE
REAR CONNECTION



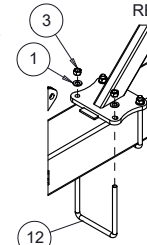
DETAIL M
WING RAIL TO BEAM
CONNECTION



DETAIL N
RANK SUPPORT
CONNECTION 2



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

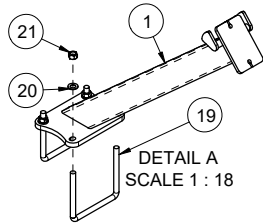


DETAIL P
MAIN WING STOP
TO REAR BEAM CONNECTION
SCALE 1 : 20

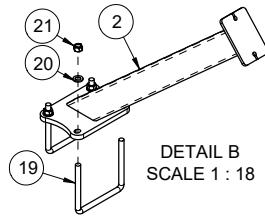
Frame Wing Stops

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	407753-3	ASSY, WING STOP - MAIN - M90 - 43.469 - FRT				
15	1	407762-2	ASSY, WING STOP - MAIN - WIDE M WITH UPII550 - REAR				
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				

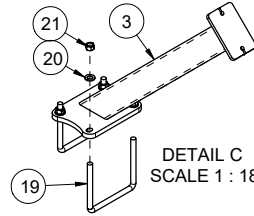
Frame Wing Stops



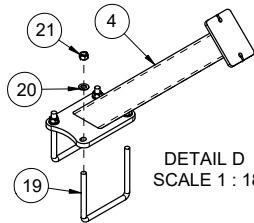
A407780 - WELD, WING STOP
- MAIN - M80CT - 45" - FRT - BLK



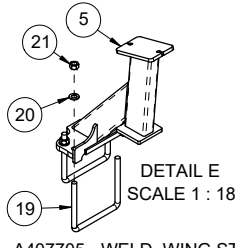
A407720 - WELD, WING STOP
- MAIN - M80CT - 45" - REAR - BLK



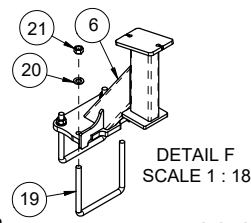
A407615 - WELD, WING STOP - MAIN
- 40/50CT 3 PLEX - 40" - REAR - BLK



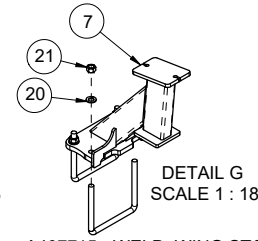
A407700 - WELD, WING STOP - MAIN
- M50/M60/M70 - 41 1/4" - FRONT/ REAR - BLK



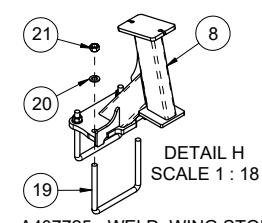
A407705 - WELD, WING STOP
- FIFTH FOLD - M50 - BLK



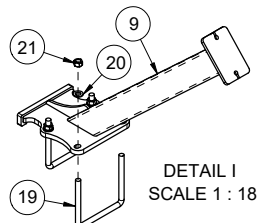
A407710 - WELD, WING STOP
- FIFTH FOLD - M60 - BLK



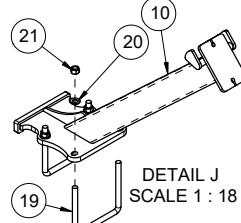
A407715 - WELD, WING STOP
- FIFTH FOLD - M60 - BLK



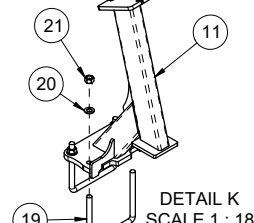
A407725 - WELD, WING STOP
- FIFTH FOLD - M80CT - BLK



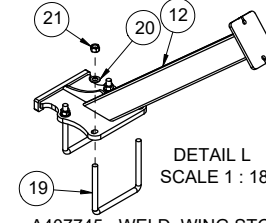
A407730 - WELD, WING STOP - MAIN
- WIDE M80 - 40 3/8" - FRONT/REAR - BLK



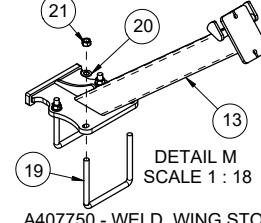
A407735 - WELD, WING STOP - MAIN
- WIDE M80 - 40 3/8" - FRT - BLK



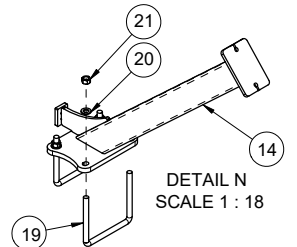
A407740 - WELD, WING STOP
- FIFTH FOLD - M80/M90 - BLK



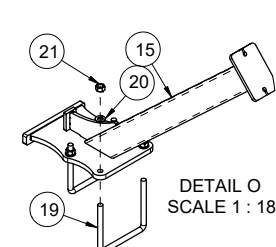
A407745 - WELD, WING STOP
- MAIN - M90 - 43" - REAR - BLK



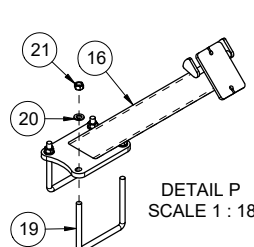
A407750 - WELD, WING STOP
- MAIN - M90 - 43" - FRT - BLK



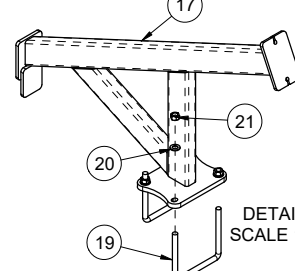
A407753 - WELD, WING STOP - MAIN
- WIDE M WITH UPII550 - FRONT - BLK



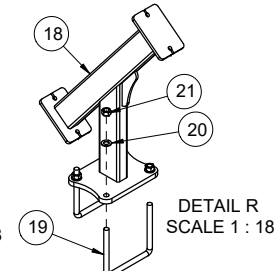
A407762 - WELD, WING STOP - MAIN
- WIDE M WITH UPII550 - REAR - BLK



A407770 - WELD, WING STOP - MAIN
- 40/50CT 3 PLEX - 40" - FRT - BLK



A407977 - WELD, WING STOP
- STD 5 PLEX - REAR - BLK

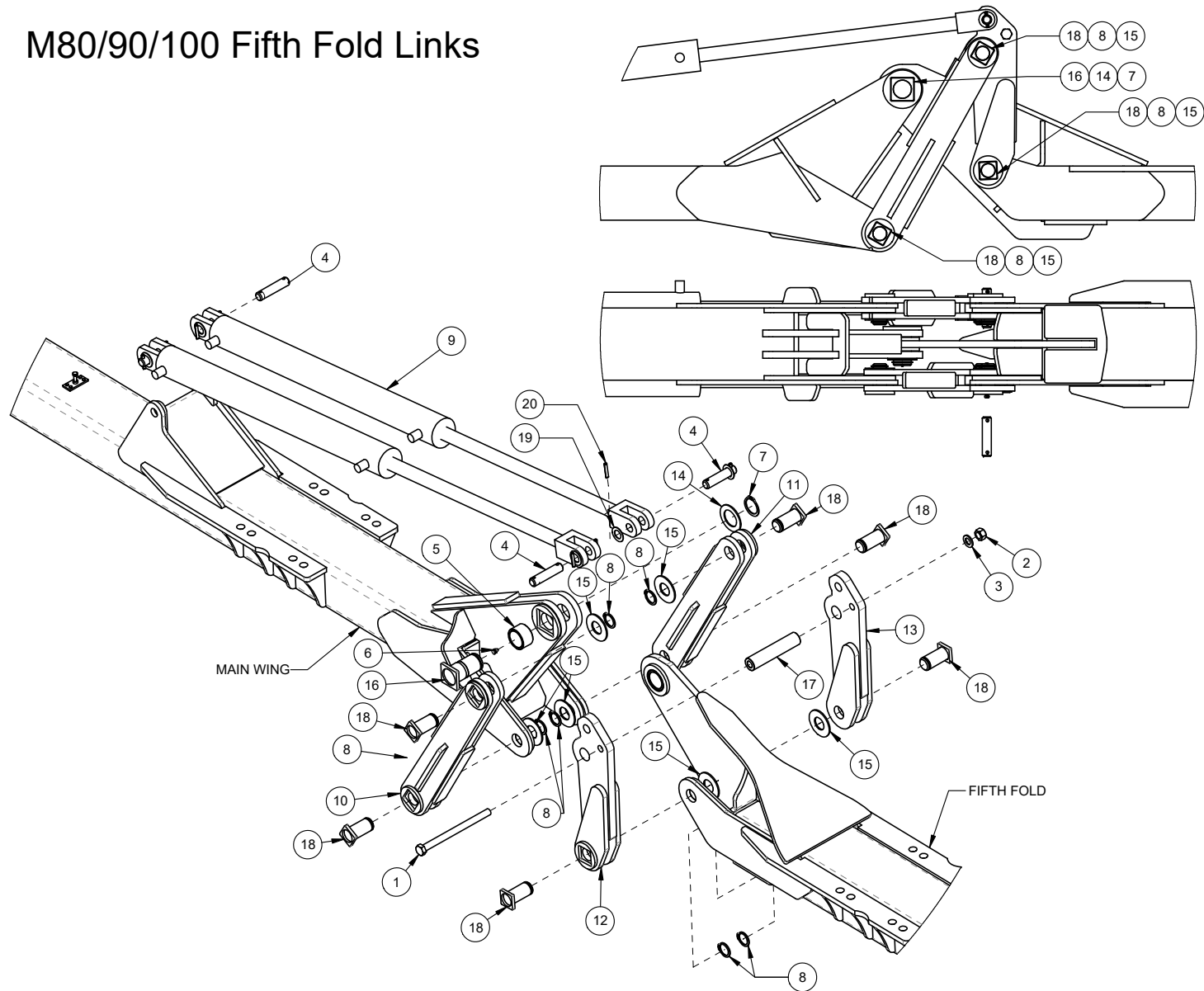


A407963 - WELD, WING STOP
- 5TH FOLD - BLK

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	250823	PIN, CYLINDER - 1" X 4.37" - PL				
5	1	250612	BUSH, 2 1/2OD X 2ID X 1 1/2 IN - CONNEX				
6	1	250656	GREASE FITTING - STRAIGHT - 1/8 NPT				
7	1	250726	RETAINING RING EXTERNAL - HEAVY DUTY 1 IN				
8	6	250862	RETAINING RING EXTERNAL - HEAVY DUTY 1 1/2 IN				
9	2	258548	CYL, HYD 3 X 32 IN - 1-1/2" ROD WING LIFT				
10	1	407050-1	ASSY, HINGE LINK - MAIN - RH - BLK				
11	1	407051-1	ASSY, HINGE LINK - MAIN - LH - BLK				
12	1	407060-2	WELD, HINGE LINK - 13 IN - WIDE M - RR/LF				
13	1	407061-2	WELD, HINGE LINK - 13 IN - WIDE M - RF/LR				
14	1	407065	SHEET, 10GA - HINGE LINK WASHER - SS				
15	6	407066	SHEET, 10GA - 1-1/12 ID WASHER - SS				
16	1	407073	ASSY, HINGE PIN - 2 IN - PLT				
17	1	407105	BUSH, LINK SPACER 1 1/2 OD X .77ID X 7IN				
18	6	417235-1	ASSY, LINK PIN - 1 1/2" X 3 3/8				
19	8	250821	WASHER, FLAT - 1.03 ID X 1.75 OD X 0.06" - PL				
20	8	250822	PIN, SPRING - 5/16 X 1 3/4 IN - PL				

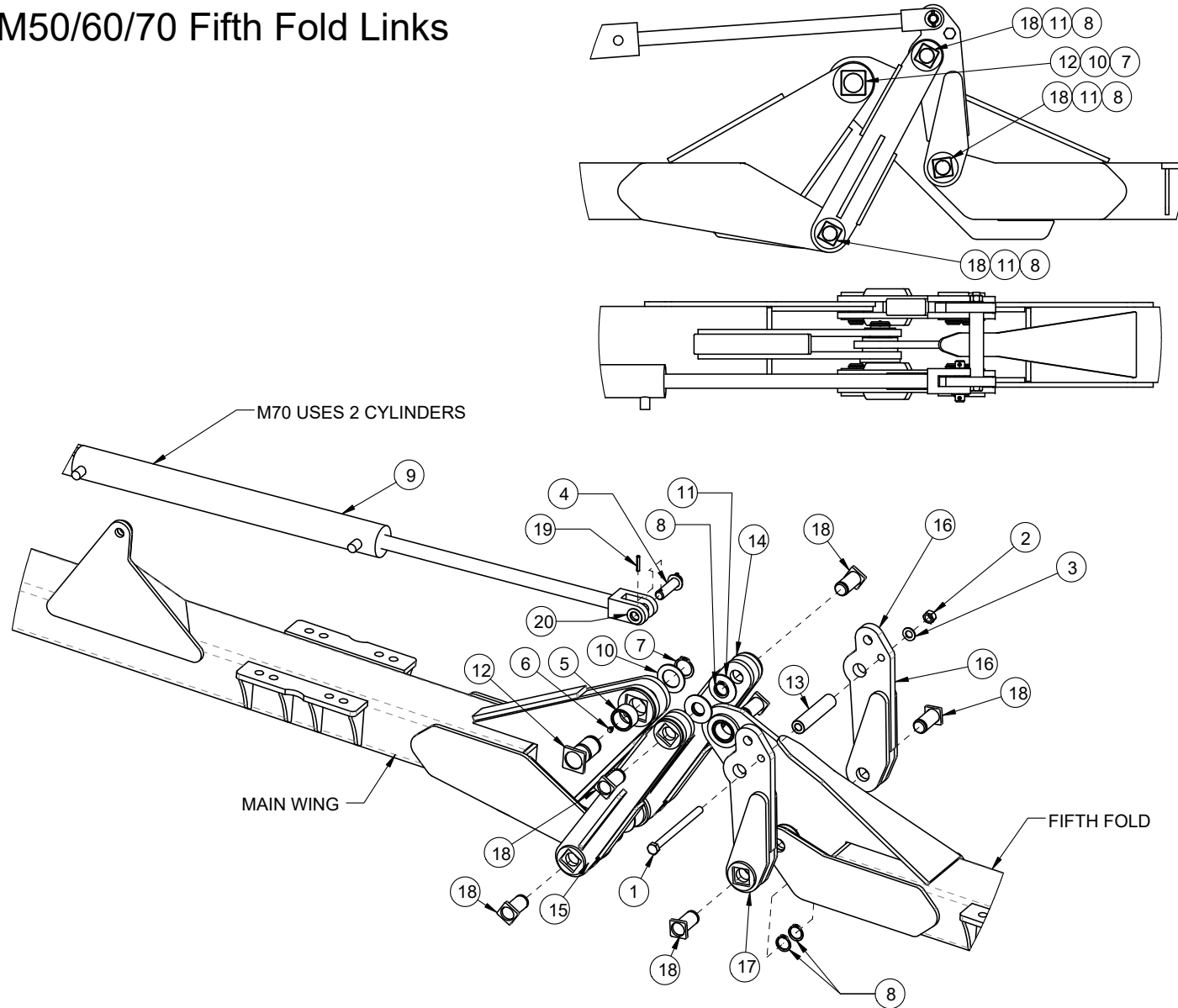
M80/90/100 Fifth Fold Links



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	250823	PIN, CYLINDER - 1" X 4.37" - PL				
5	1	250612	BUSH, 2 1/2OD X 2ID X 1 1/2 IN - CONNEX				
6	1	250656	GREASE FITTING - STRAIGHT - 1/8 NPT				
7	1	250726	RETAINING RING EXTERNAL - HEAVY DUTY 1 IN				
8	6	250862	RETAINING RING EXTERNAL - HEAVY DUTY 1 1/2 IN				
9	1	258548	CYL, HYD 3 X 32 IN - 1-1/2" ROD WING LIFT				
10	1	407065	SHEET, 10GA - HINGE LINK WASHER - SS				
11	6	407066	SHEET, 10GA - 1-1/12 ID WASHER - SS				
12	1	407073	ASSY, HINGE PIN - 2 IN - PLT				
13	1	407105	BUSH, LINK SPACER 1 1/2 OD X .77ID X 7IN				
14	1	407519-2	ASSY, HINGE LINK - M70 - 21 1/2" - MAIN - LH - BLK				
15	1	407520-2	ASSY, HINGE LINK - M70 - MAIN - RH - BLK				
16	1	407524-2	WELD, HINGE LINK - 12 IN - RF/LR				
17	1	407525-2	WELD, HINGE LINK - 12 IN - RR/LF				
18	6	417235-1	ASSY, LINK PIN - 1 1/2" X 3 3/8				
19	4	250822	PIN, SPRING - 5/16 X 1 3/4 IN - PL				
20	4	250821	WASHER, FLAT - 1.03 ID X 1.75 OD X 0.06" - PL				

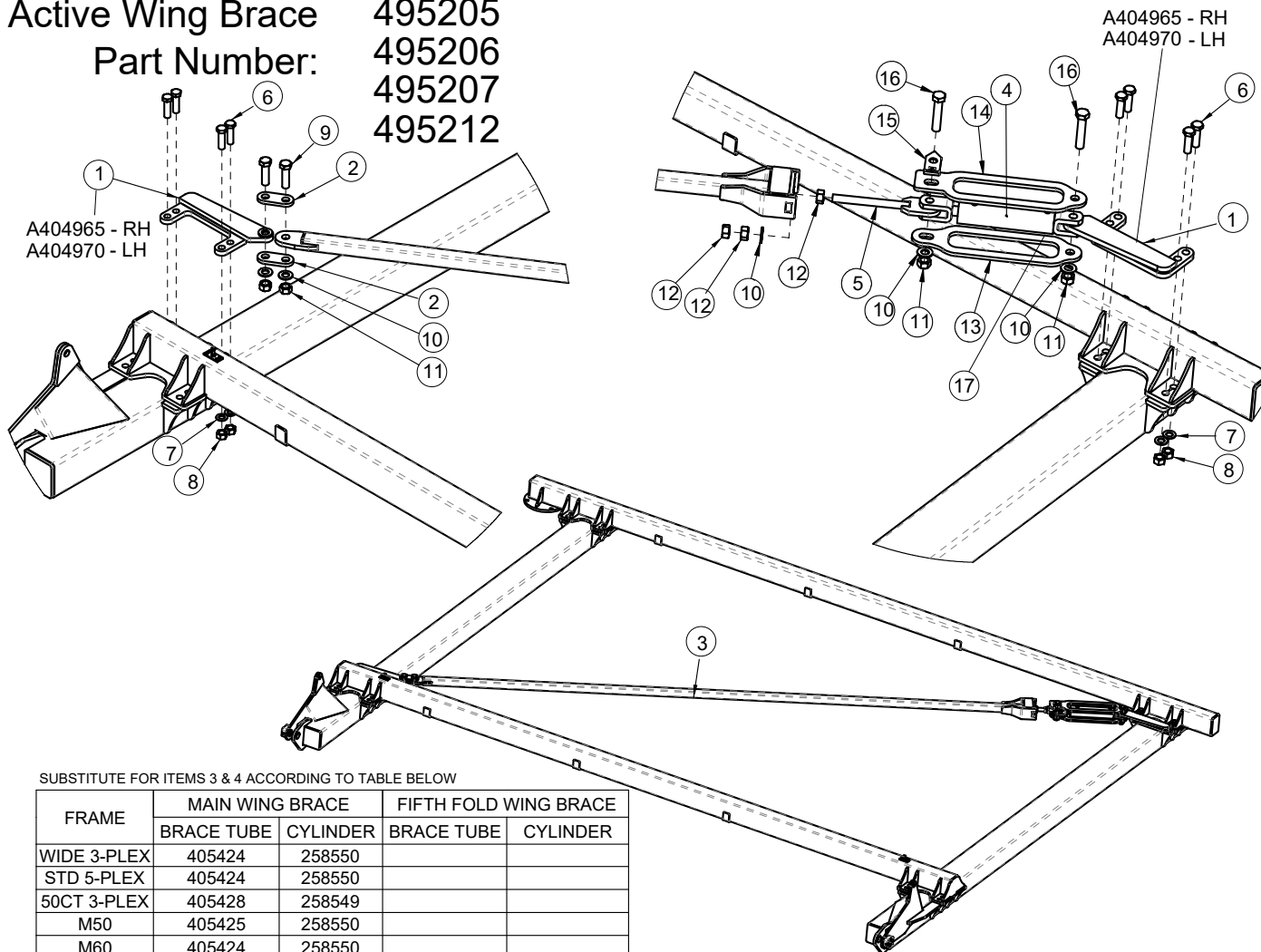
M50/60/70 Fifth Fold Links



Active Wing Brace

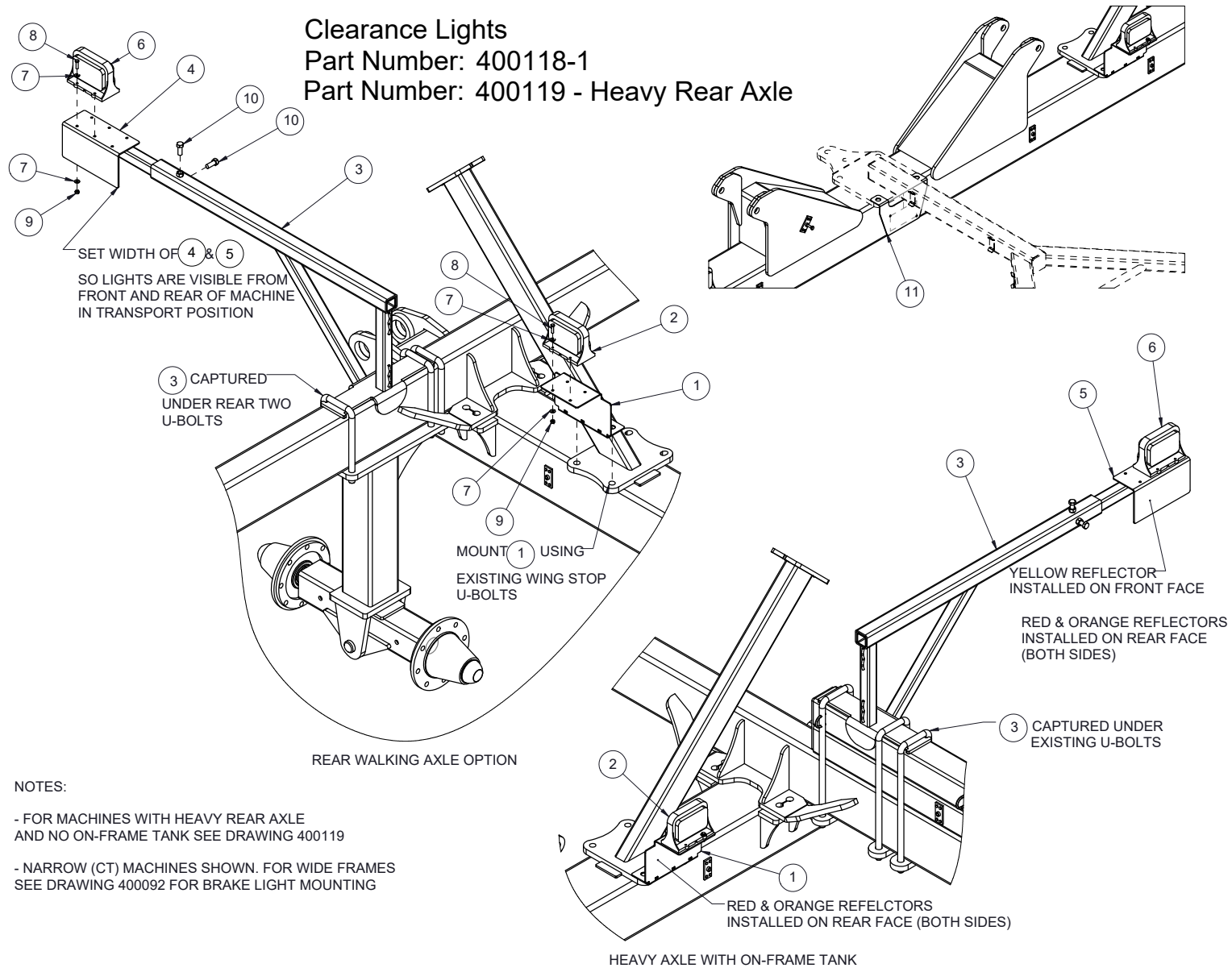
Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	2	404965-3	ASSY, BOLT PLATE - RIGHT ADJUSTABLE ACTIVE WING BRACE - BLK				
2	2	404837	PLATE, LINK 1/2 IN - ACTIVE WING BRACE				
3	1	405428	WELD, ADJ ACTIVE WING BRACE - 178-1/8				
4	1	258550	CYL, HYD 2 1/2 X 8 IN				
5	1	404930	ASSY, LUG - 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				
17	1	258097	BREATHER, 06ORB M - SINTERED BRONZE				
5854	1	258549	CYL, HYD 3 X 8 IN - ACTIVE WING				
5855	1	258550	CYL, HYD 2 1/2 X 8 IN				
1049	2	A404970	WELD, BOLT PLATE - LEFT ADJUSTABLE ACTIVE WING BRACE - BLK				
0542	1	405424	WELD, ADJ ACTIVE WING BRACE - 155-1/8				
0542	1	405425	WELD, ADJ ACTIVE WING BRACE - 149-5/8				
0542	1	405426	WELD, ADJ ACTIVE WING BRACE - 165-1/8				
0542	1	405427	WELD, ADJ ACTIVE WING BRACE - 170-1/8				
0542	1	405428	WELD, ADJ ACTIVE WING BRACE - 178-1/8				
0542	1	405429	WELD, ADJ ACTIVE WING BRACE - 196-1/8				
9520	1	495205	BDL, ACTIVE WING BRACE II - M50 - 5 PLEX				
9520	1	495206	BDL, ACTIVE WING BRACE II - M60 - 5 PLEX				
9520	1	495207	BDL, ACTIVE WING BRACE II - M70 - 5 PLEX				
9521	1	495212	BDL, ACTIVE WING BRACE II - 50CT - 3 PLEX				

Active Wing Brace
Part Number:
495205
495206
495207
495212



Clearance Lights - LED

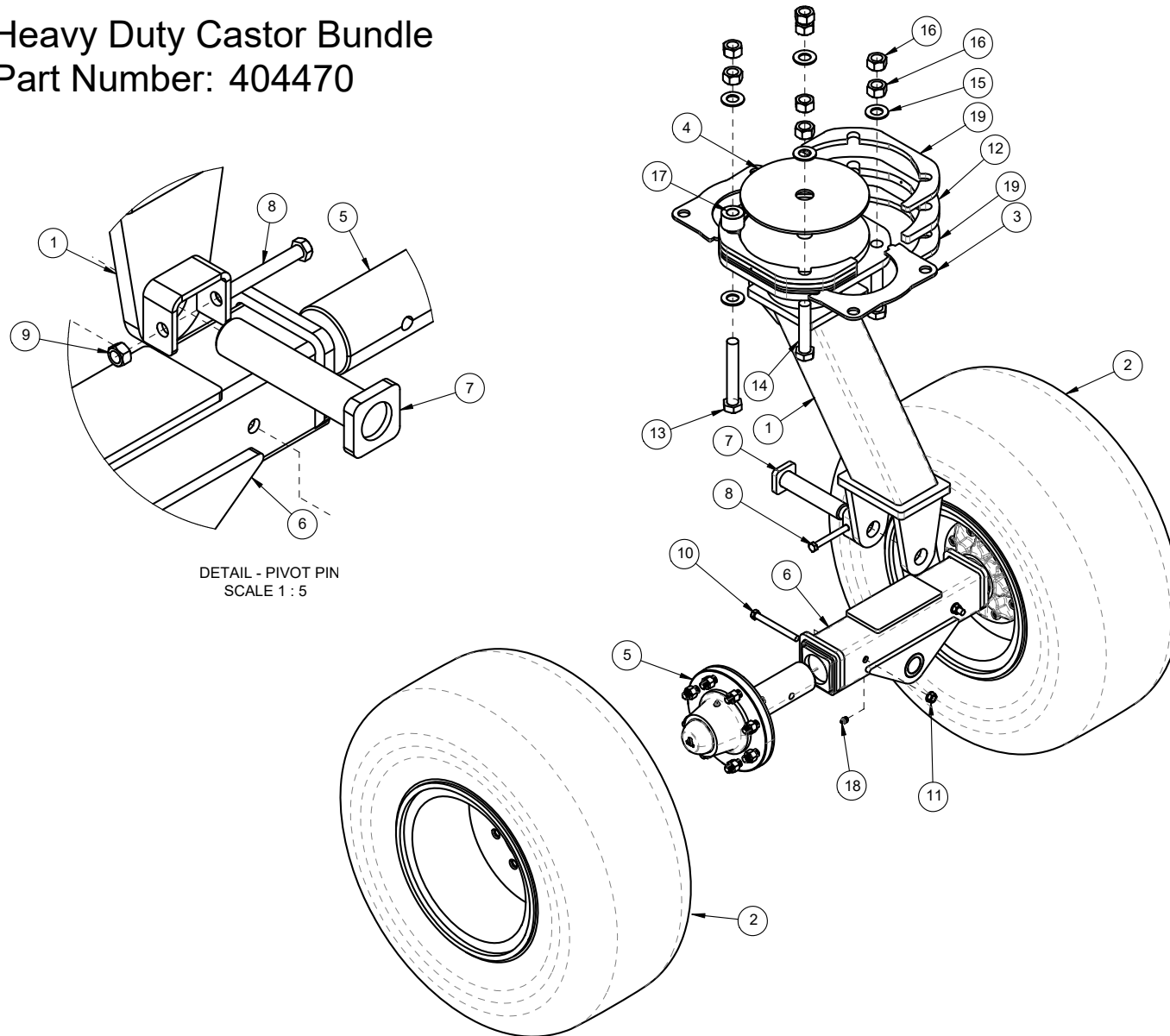
Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	2	400175-1	PLATE, FRMD 1/4 IN - BRACKET - TAIL LIGHT - BLK				
2	2	257304	LAMP - CLEARANCE - RED LED				
3	2	400187	WELD, MOUNT - SIGNAL LIGHT - BLK				
4	1	400184	WELD, EXTENSION - SIGNAL LIGHT - LEFT - BLK				
5	1	400177	WELD, EXTENSION - 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				

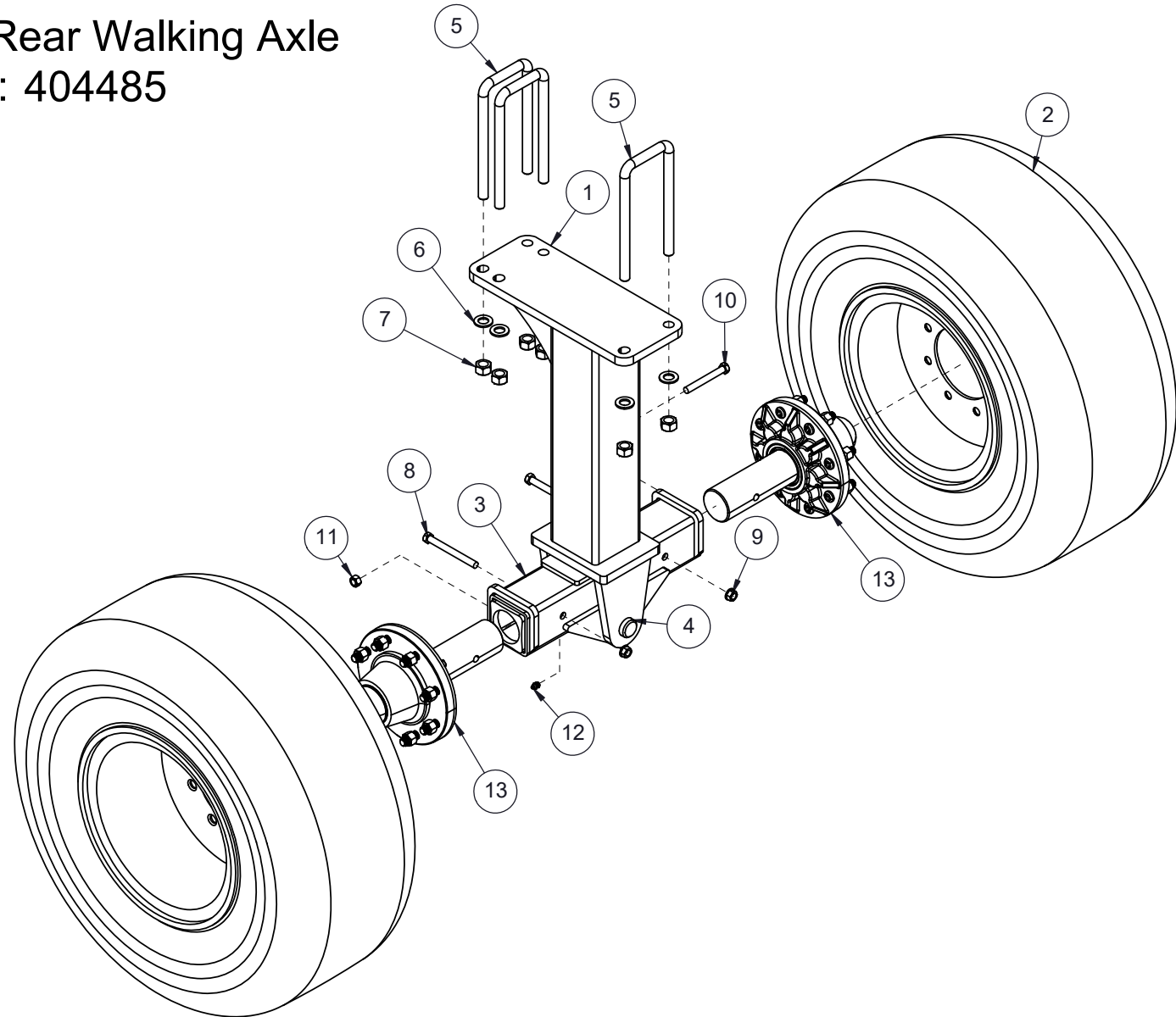
Heavy Duty Castor Bundle Part Number: 404470



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				

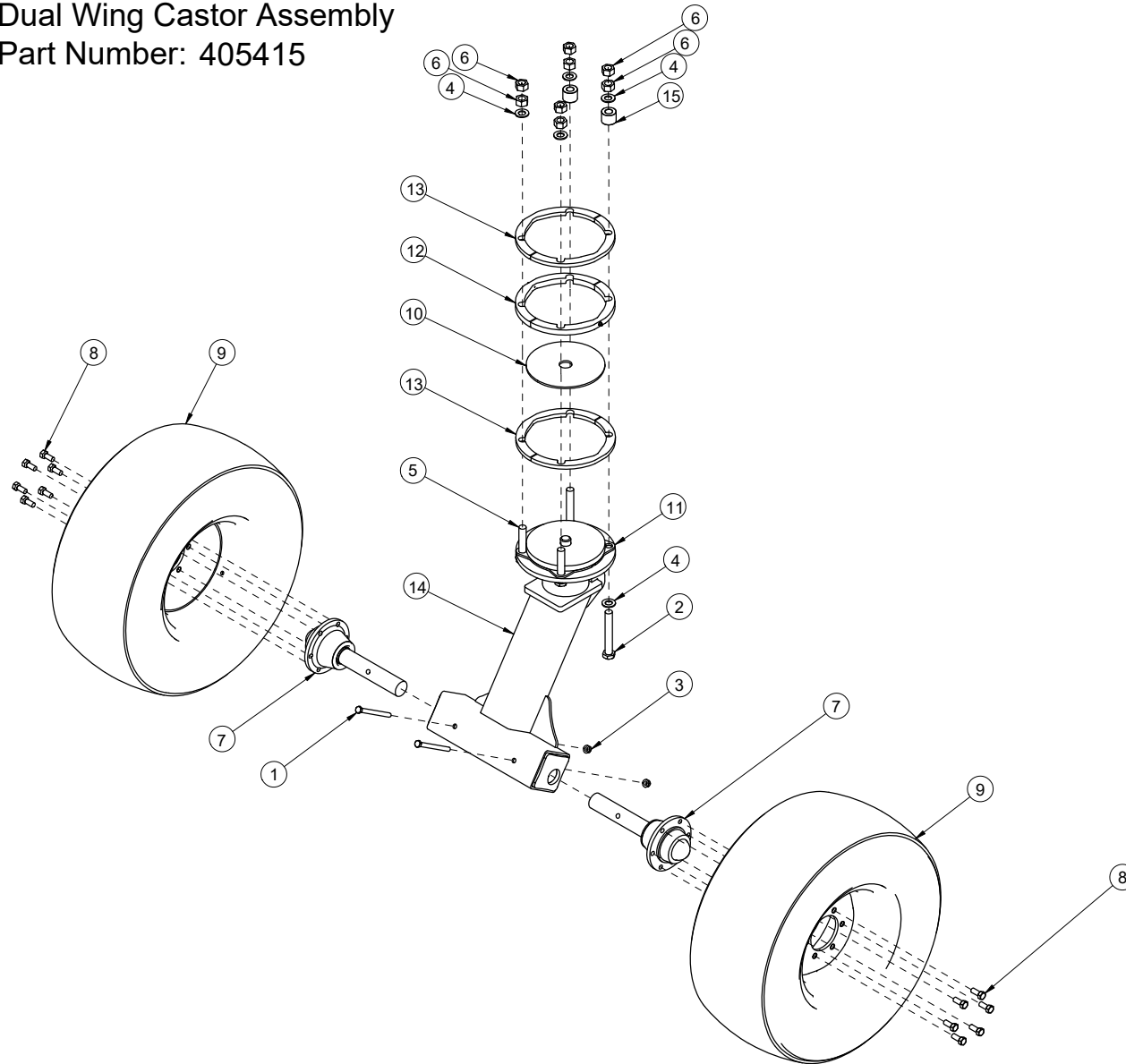
Heavy Duty Rear Walking Axle Part Number: 404485



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	2	250157	BOLT, HEX 7/8 X 6 UNC GR8 PL				
3	2	250401	NUT, FLANGE - 1/2 UNC PL				
4	8	250553	WASHER, FLAT 7/8IN GR8 PL				
5	2	250950	BOLT, HEX - 7/8 X 4 1/2 IN UNC GR8 PL				
6	8	250960	NUT, HEX - 7/8 UNC GR8 PL				
7	2	252000	ASSY, HUB/SPINDLE - H614 - 2 IN STRAIGHT SPINDLE				
8	12	253010	BOLT, WHEEL - HA614 HUB - WB17				
9	2	255116	ASSY, TIRE - 31X13.5-15 - 6 BOLT - 1.12				
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	4	405921	GASKET, FOAM - 1/2 IN - GREASE BLOCK - CASTOR				
14	1	A404241	ASSY, DUAL WING CASTOR - 12.5L16 - BLK				
15	2	X404225	BUSH, 1.75ODX.9IDX1.375IN-PL				

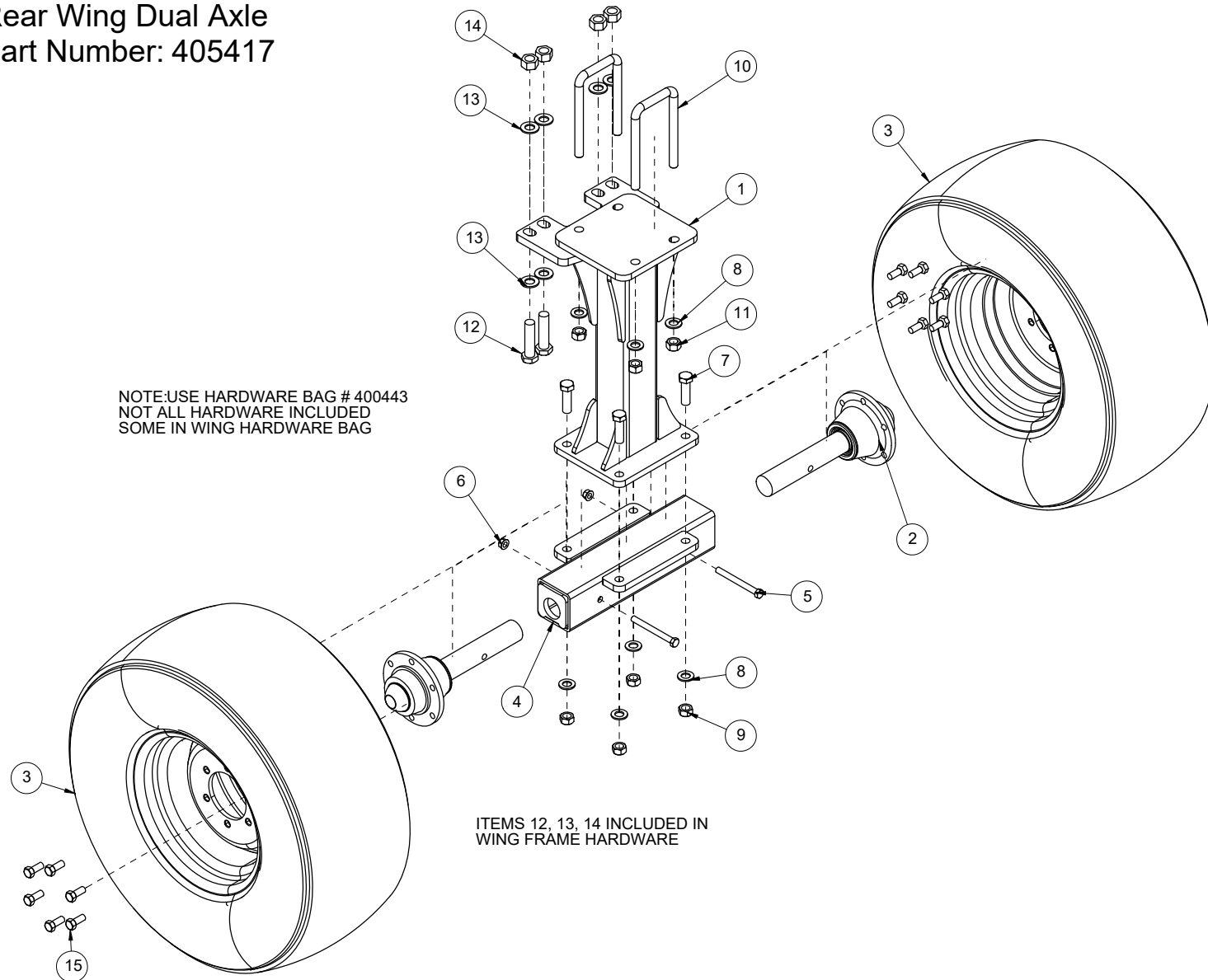
Dual Wing Castor Assembly
Part Number: 405415



Rear Wing Dual Axle

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	405381-1	WELD, REAR WING WHEEL - UPPER				
2	2	252000	ASSY, HUB/SPINDLE - H614 - 2 IN STRAIGHT SPINDLE				
3	2	255116	ASSY, TIRE - 31X13.5-15 - 6 BOLT - 1.12				
4	1	405392-1	WELD. REAR WING WHEEL - DUAL SPINDLE MOUNT				
5	2	250012	BOLT, HEX 1/2 X 5 IN GR5 PL				
6	2	250401	NUT, FLANGE - 1/2 UNC PL				
7	4	250003	BOLT, HEX 3/4 X 2 1/2 UNC GR5 PL				
8	8	250552	WASHER, FLAT 3/4IN GR8 PL				
9	4	250501	NUT, LOCK - 3/4 UNC - STOVER - GR.C - PL				
10	2	250204	BOLT, U-SQ - 3/4 UNC X 4 ID X 8 IN -2 IN THD - GR8 PL				
11	4	250451	NUT, HEX 3/4 UNC GR5 PL				
12	4	250010	BOLT, HEX 7/8 X 3 1/2 UNC GR5 PL				
13	8	250553	WASHER, FLAT 7/8IN GR8 PL				
14	4	250452	NUT, HEX - 7/8 UNC PL				
15	12	253010	BOLT, WHEEL - HA614 HUB - WB17				

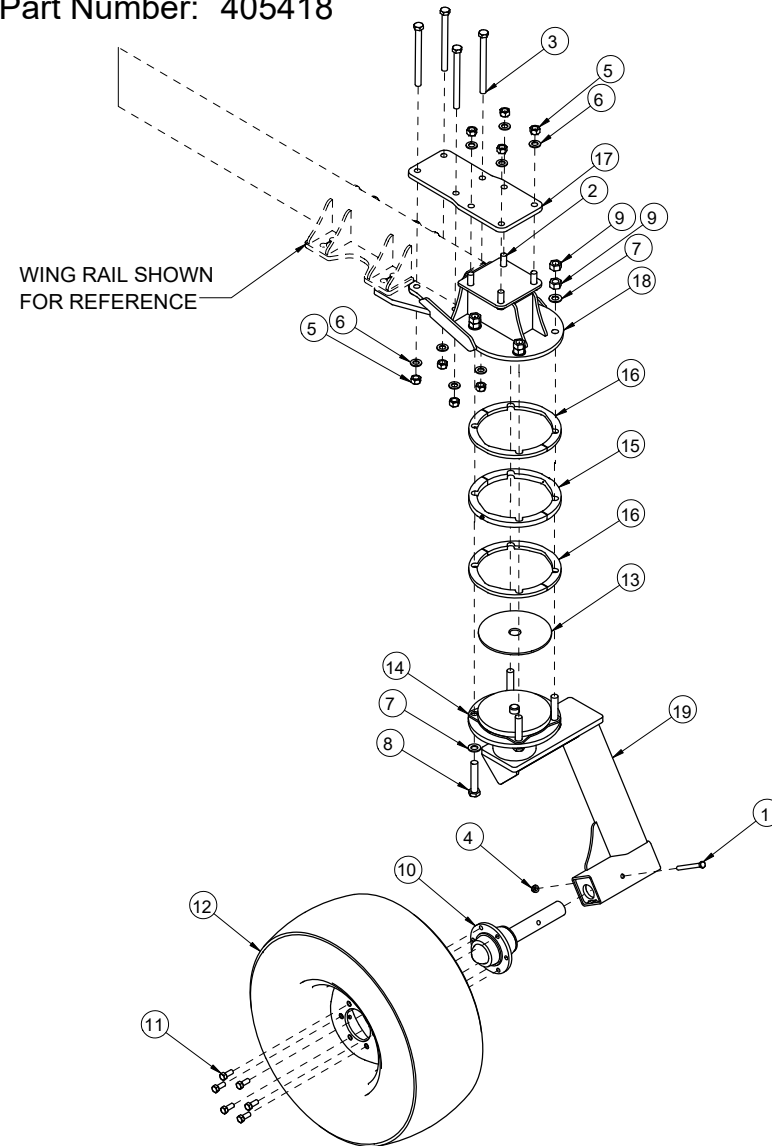
Rear Wing Dual Axle Part Number: 405417



Rear Wing 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	250014	BOLT, HEX 3/4 X 2 UNC GR5 PL				
3	4	250076	BOLT, HEX 3/4 X 9 UNC GR5 PL				
4	1	250401	NUT, FLANGE - 1/2 UNC PL				
5	8	250451	NUT, HEX 3/4 UNC GR5 PL				
6	8	250552	WASHER, FLAT 3/4IN GR8 PL				
7	8	250553	WASHER, FLAT 7/8IN GR8 PL				
8	4	250950	BOLT, HEX - 7/8 X 4 1/2 IN UNC GR8 PL				
9	8	250960	NUT, HEX - 7/8 UNC GR8 PL				
10	1	252000	ASSY, HUB/SPINDLE - H614 - 2 IN STRAIGHT SPINDLE				
11	6	253010	BOLT, WHEEL - HA614 HUB - WB17				
12	1	255116	ASSY, TIRE - 31X13.5-15 - 6 BOLT - 1.12				
13	1	400280-2	PAD, WEAR 1/4 IN - NYLON - TOP				
14	2	400281-2	PAD, WEAR 1/4 IN - NYLON - BTM				
15	2	405917	BDL, GREASE PLATE C/W FITTING - CASTOR				
16	4	405921	GASKET, FOAM - 1/2 IN - GREASE BLOCK - CASTOR				
17	1	A404197	PLATE, BOLT 5/8 IN - REAR WING CASTOR TOP PLATE				
18	1	A404292	ASSY, CASTOR MOUNT - REAR WING				
19	1	A404308	ASSY, SINGLE CASTOR - SEED MASTER				

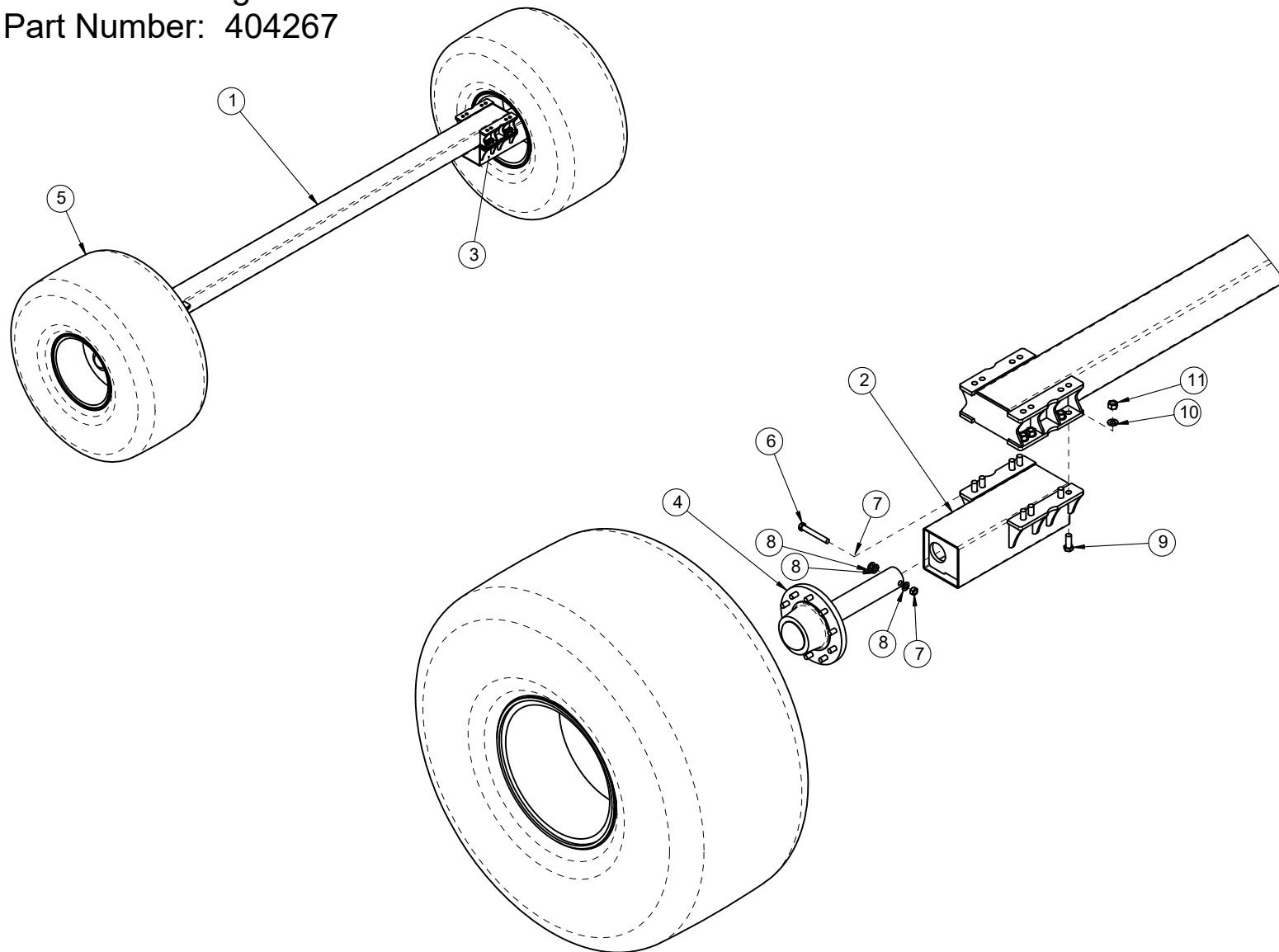
Rear Wing Castor Assembly Part Number: 405418



Rear Axle - Single 750/65R26

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	407079-1	ASSY, REAR HITCH - 80 TXB				
2	1	400584	WELD, LH REAR AXLE BOLT ON - SINGLE				
3	1	400578	WELD, RH REAR AXLE BOLT ON - SINGLE				
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				

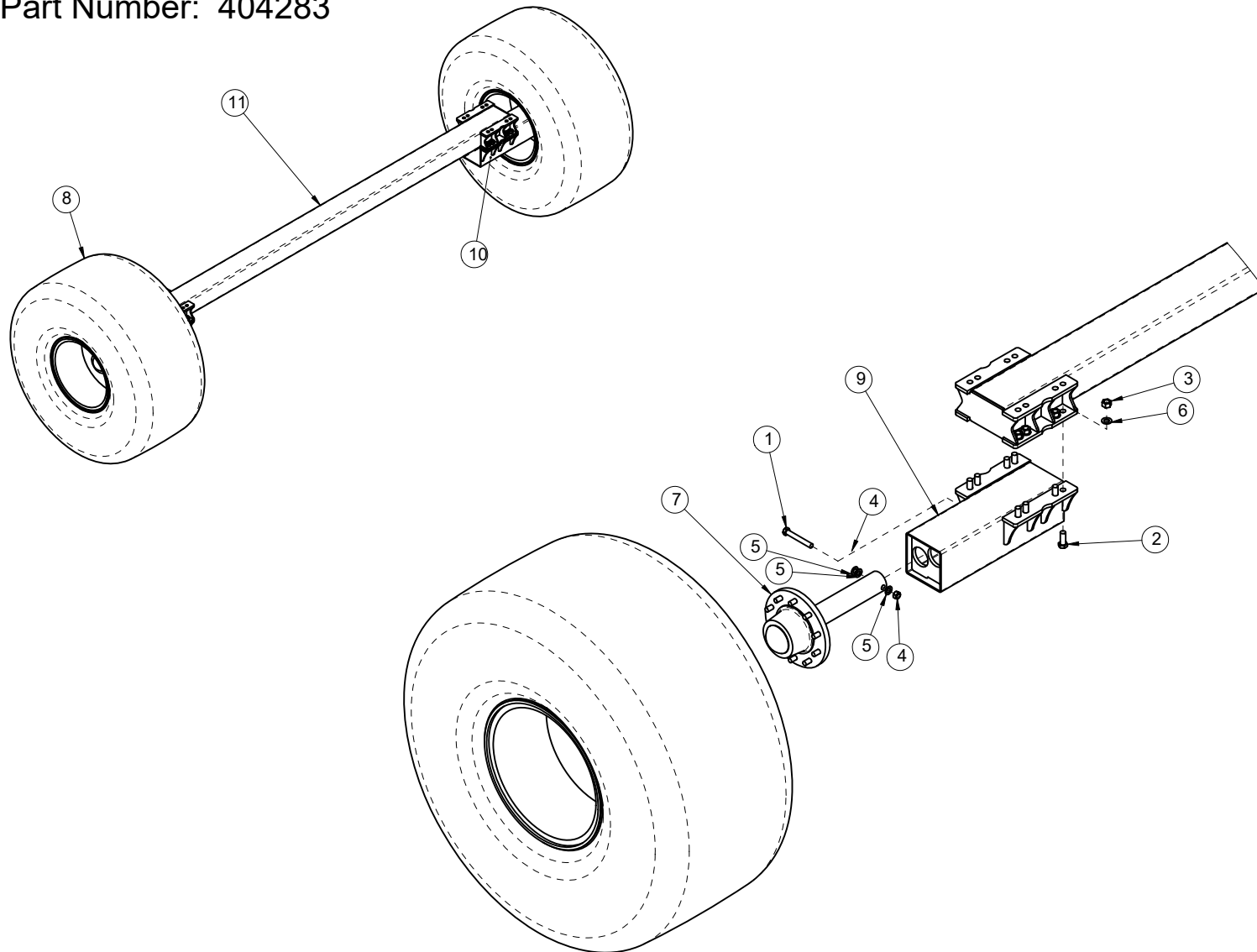
Rear Axle - Single 750/65R26
Part Number: 404267



Rear Axle - Single 750/65R26 w/ 40bu

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	2	250005	BOLT, HEX 3/4 X 5 1/2 UNC GR5 PL				
2	16	250006	BOLT, HEX 7/8 X 2 1/4 UNC GR5 PL				
3	16	250452	NUT, HEX - 7/8 UNC PL				
4	2	250501	NUT, LOCK - 3/4 UNC - STOVER - GR.C - PL				
5	6	250552	WASHER, FLAT 3/4IN GR8 PL				
6	16	250553	WASHER, FLAT 7/8IN GR8 PL				
7	2	252003	ASSY, HUB/SPINDLE W/NUTS - H1010 - 3 1/2IN STRAIGHT				
8	2	255078	ASSY, TIRE - 750/65R26 - RADIAL - 158A8 - 10 BOLT RIM				
9	1	400637	WELD, LH REAR AXLE BOLT ON - SINGLE - UPII 40				
10	1	400694	WELD, RH REAR AXLE BOLT ON - SINGLE - UPII 40				
11	1	407079-1	ASSY, REAR HITCH - 80 TXB				

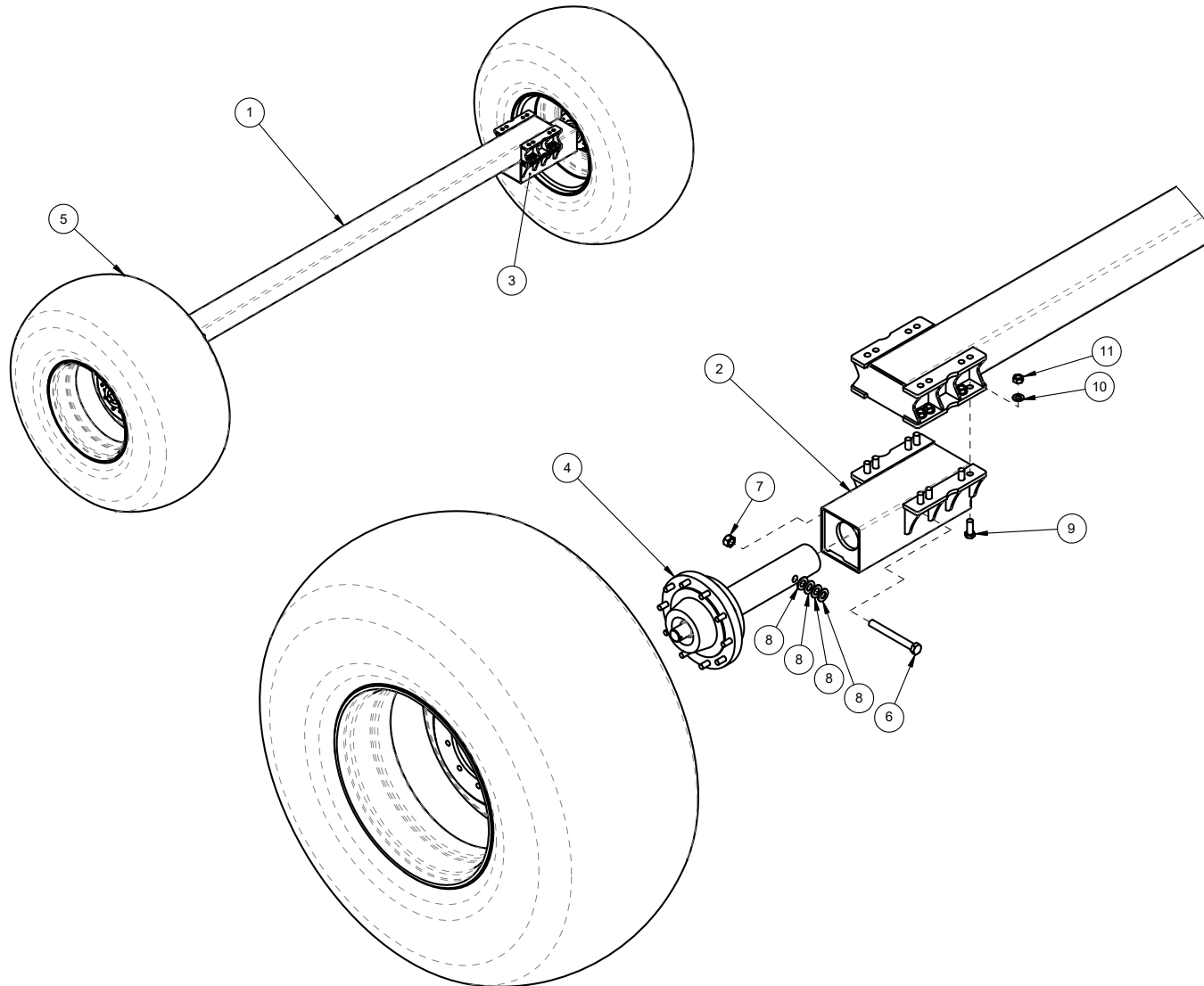
Rear Axle - Single 750/65R26 w/ 40bu.
Part Number: 404283



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				

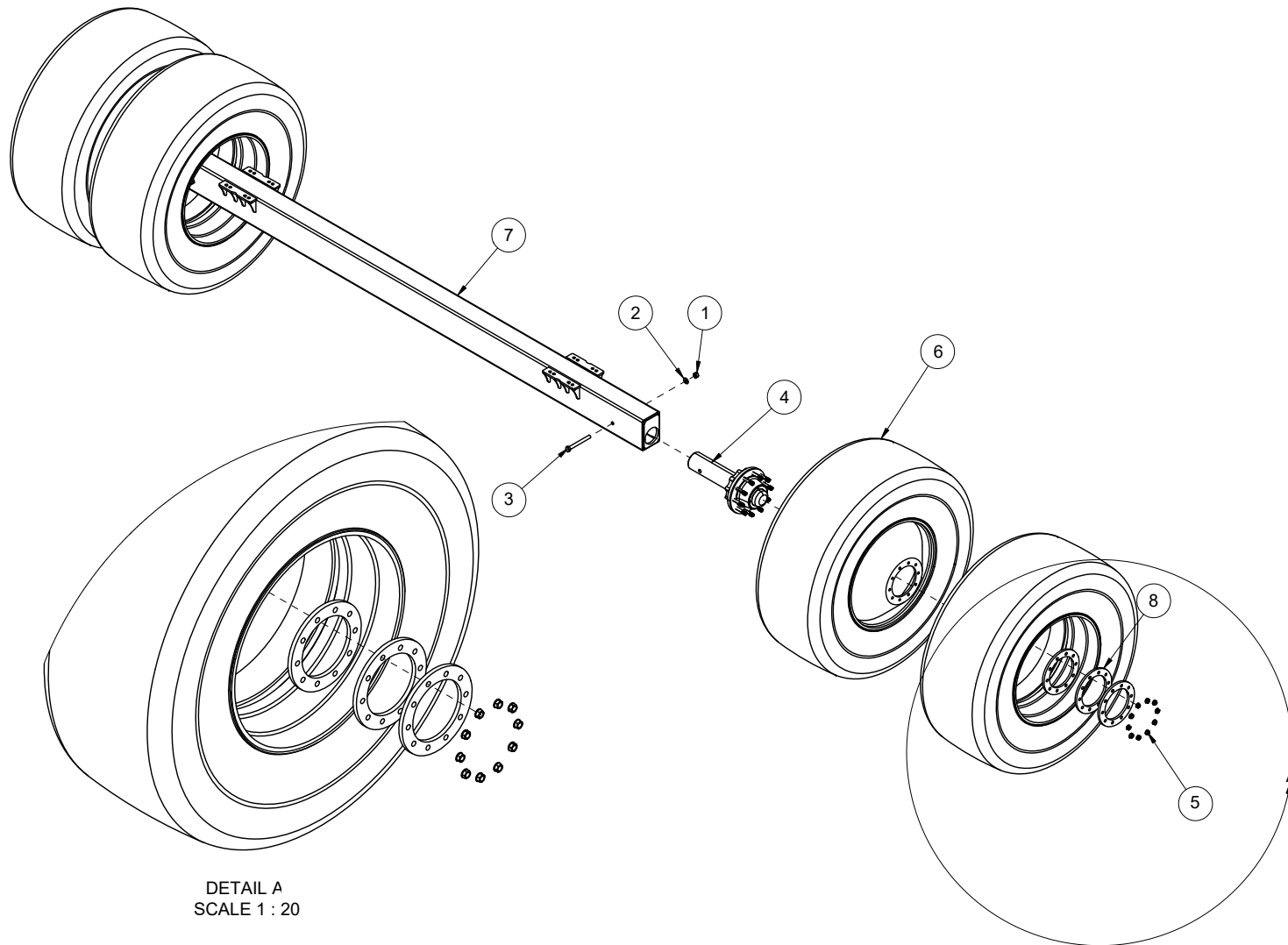
Rear Axle - Single 800/65R32
Part Number: 400755



Rear Axle - Dual 710/70R38

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

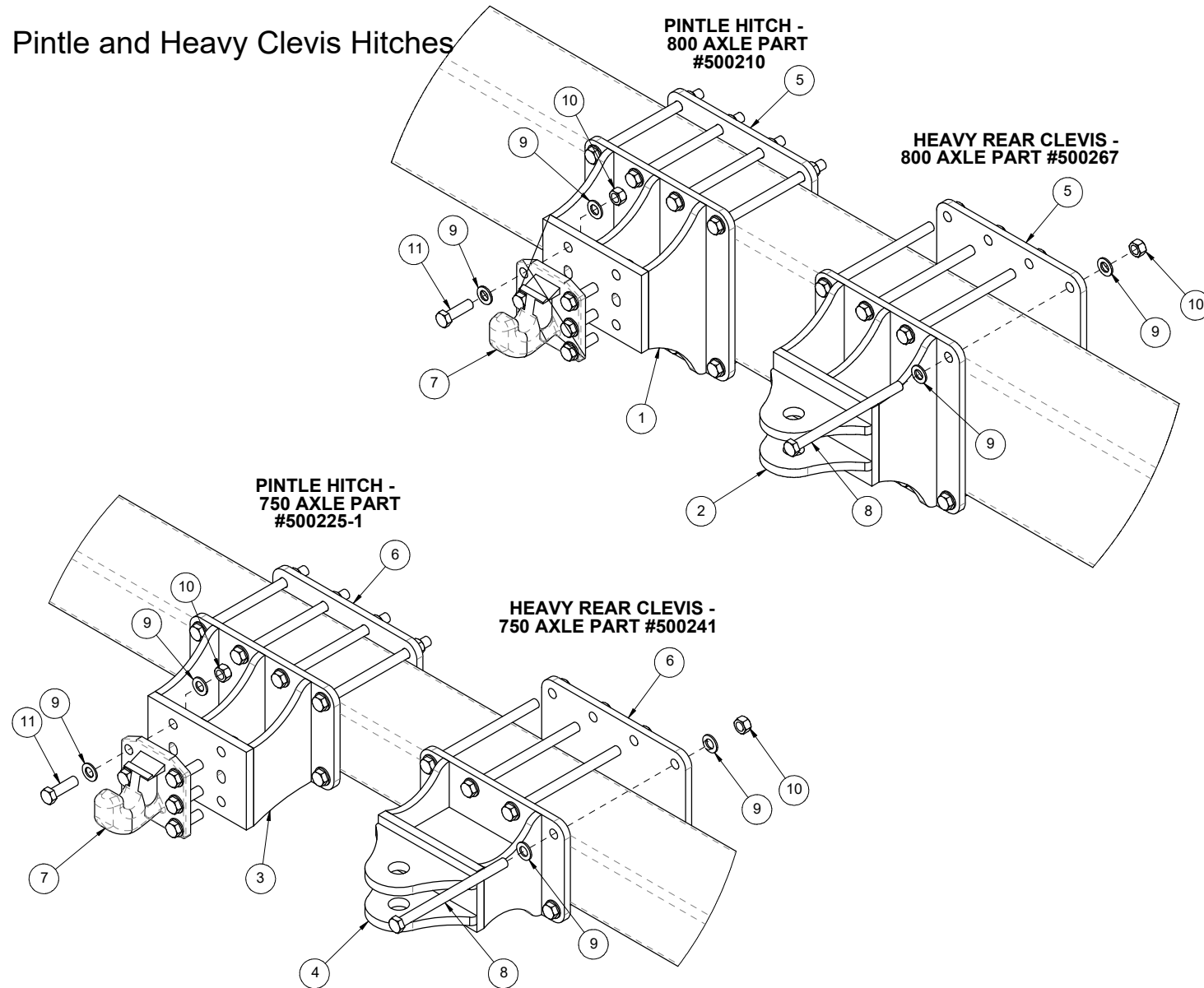
Rear Axle - Dual 710/70R38
Part Number: 405990



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				

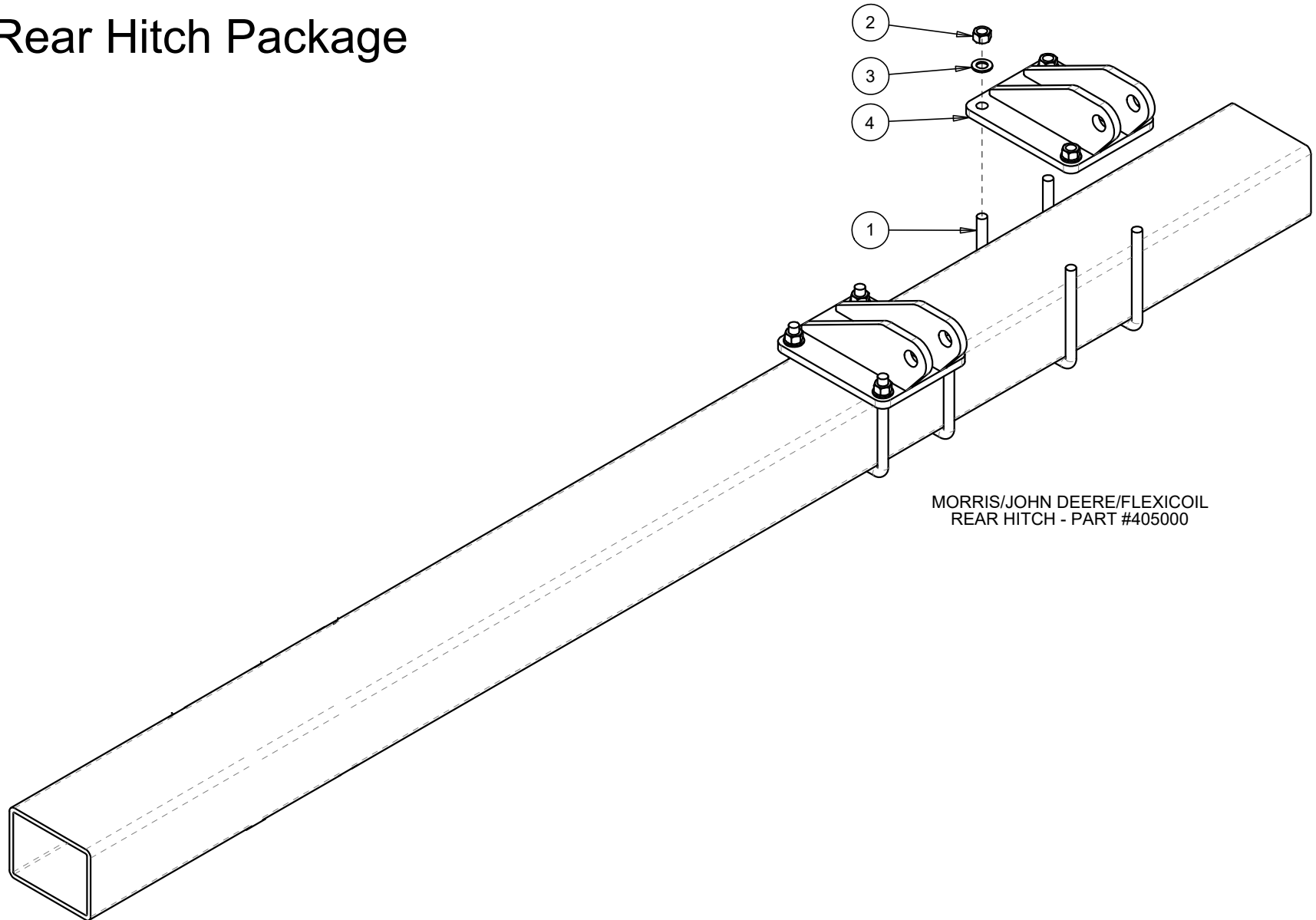
Pintle and Heavy Clevis Hitches



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

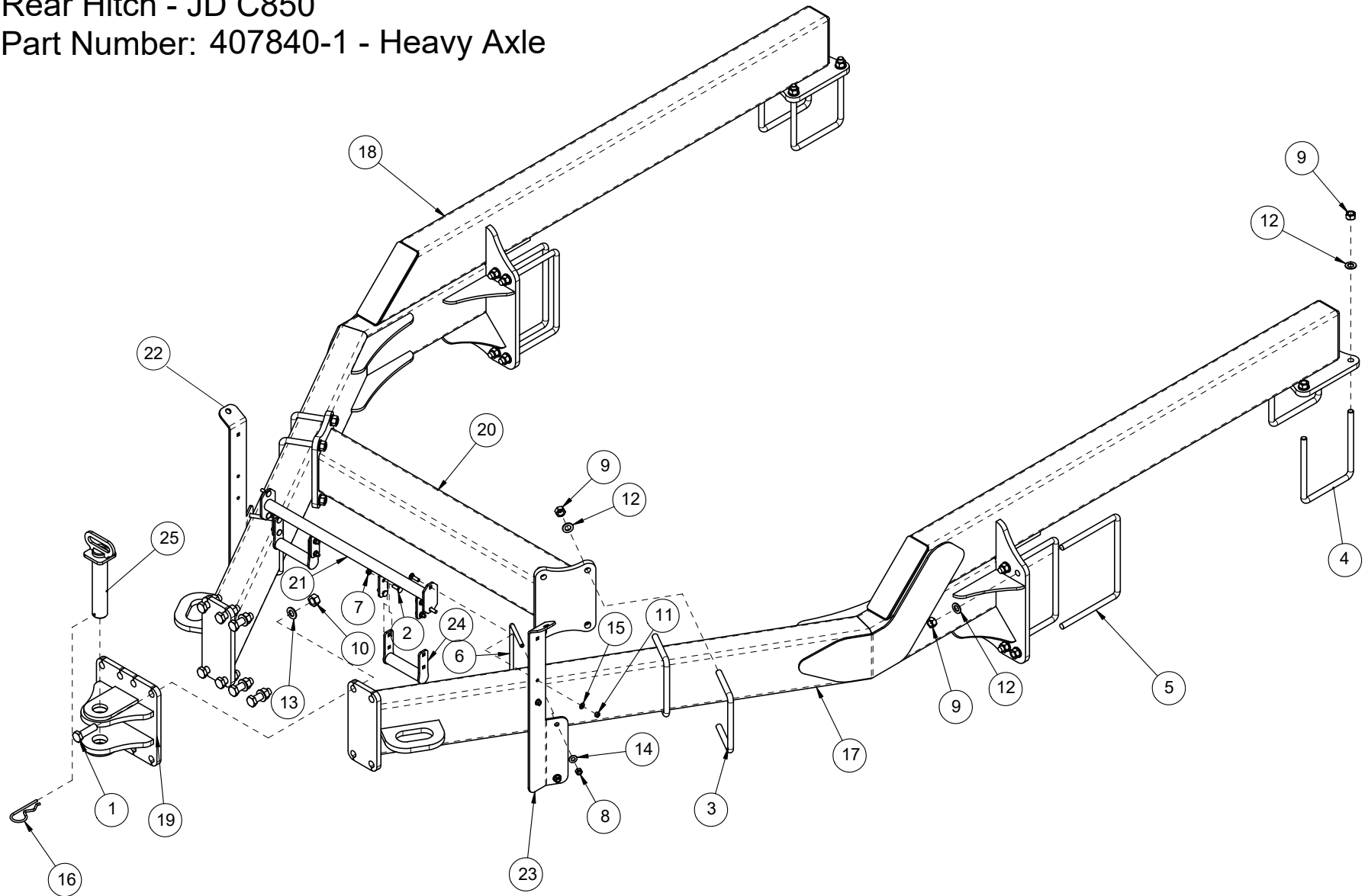


MORRIS/JOHN DEERE/FLEXICOIL
REAR HITCH - PART #405000

Rear Hitch - JD C850 - 12x8 Axle

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

Rear Hitch - JD C850
Part Number: 407840-1 - Heavy Axle



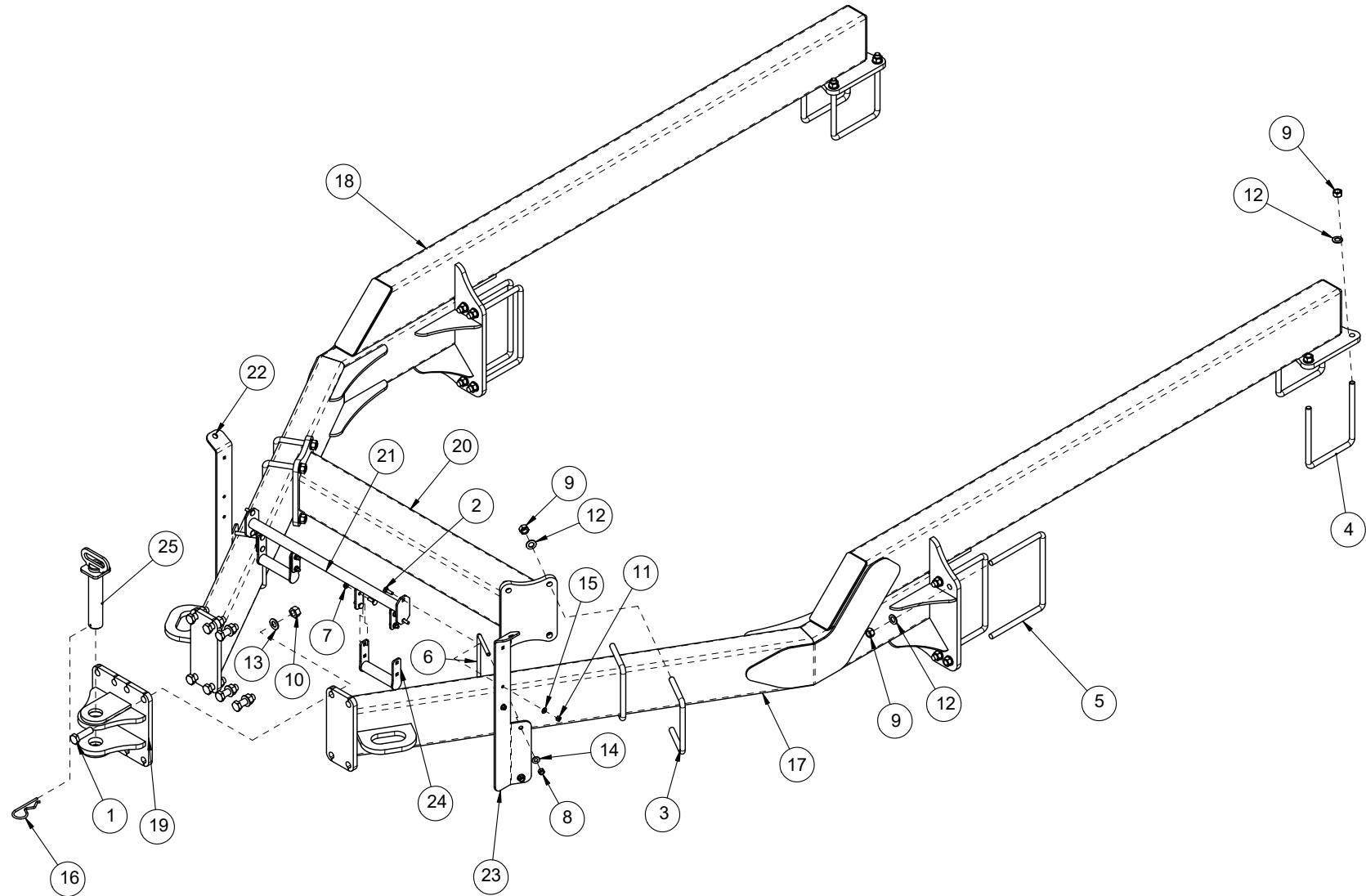
Rear Hitch - JD C850 - 12x8 Axle

Rear Hitch - JD C850 - 12x8 Axle - Extended Rails

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	8	250044	BOLT, HEX 7/8 X 3 IN UNC GR5 PL				
2	12	250101	BOLT, CARRIAGE - 3/8 X 1 1/4 IN UNC GR5 PL				
3	4	250209	BOLT, U-SQ - 3/4 UNC X 8 ID X 6 IN - 2 IN THD - GR8 PL				
4	4	250220	BOLT, U-SQ - 3/4 UNC X 8 ID X 10 IN - 2 IN THD - GR8 PL				
5	8	250232	BOLT, U-SQ - 3/4 UNC X 12 ID X 10 IN - 2 IN THD - GR8 PL				
6	2	250242	BOLT, U-SQ - 1/2 UNC X 8 ID X 5 IN - 1 1/2 IN THD - GR5 PL				
7	8	250400	NUT, FLANGE - 3/8 UNC PL				
8	4	250450	NUT, HEX 1/2 UNC GR5 PL				
9	32	250451	NUT, HEX 3/4 UNC GR5 PL				
10	8	250452	NUT, HEX - 7/8 UNC PL				
11	4	250453	NUT, HEX - 3/8 UNC PL				
12	32	250552	WASHER, FLAT 3/4IN GR8 PL				
13	8	250553	WASHER, FLAT 7/8IN GR8 PL				
14	4	250555	WASHER, FLAT - 1/2 IN - GR8 - PL				
15	4	250557	WASHER, FLAT - 3/8 IN GR8 PL				
16	1	250627	HAIRPIN, 1/4 X 5 IN - HITCH PIN				
17	1	407897	WELD, RH BEAM - JD C850 REAR HITCH - EXT				
18	1	407896	WELD, LH BEAM - JD C850 REAR HITCH - EXT				
19	1	407860-2	WELD, CLEVIS - JD C850 REAR HITCH - BLK				
20	1	407865-1	WELD, CROSS BRACE - JD C850 REAR HITCH - BLK				
21	1	407870-1	WELD, GUIDE BAR - JD C850 REAR HITCH - BLK				
22	1	407872-1	PLATE, FRMD 1/4 IN - HOSE GUIDE SUPPORT - LH - JD C850 REAR HITCH -				
23	1	407873-1	PLATE, FRMD 1/4 IN - HOSE GUIDE SUPPORT - RH - JD C850 REAR HITCH -				
24	2	407875-1	WELD, HYD HOSE GUIDE - JD C850 REAR HITCH				
25	1	503315-3	WELD, REAR HITCH PIN - 2 IN - BLK				

Rear Hitch - JD C850

Part Number: 407895 - Heavy Axle - Extended Rails

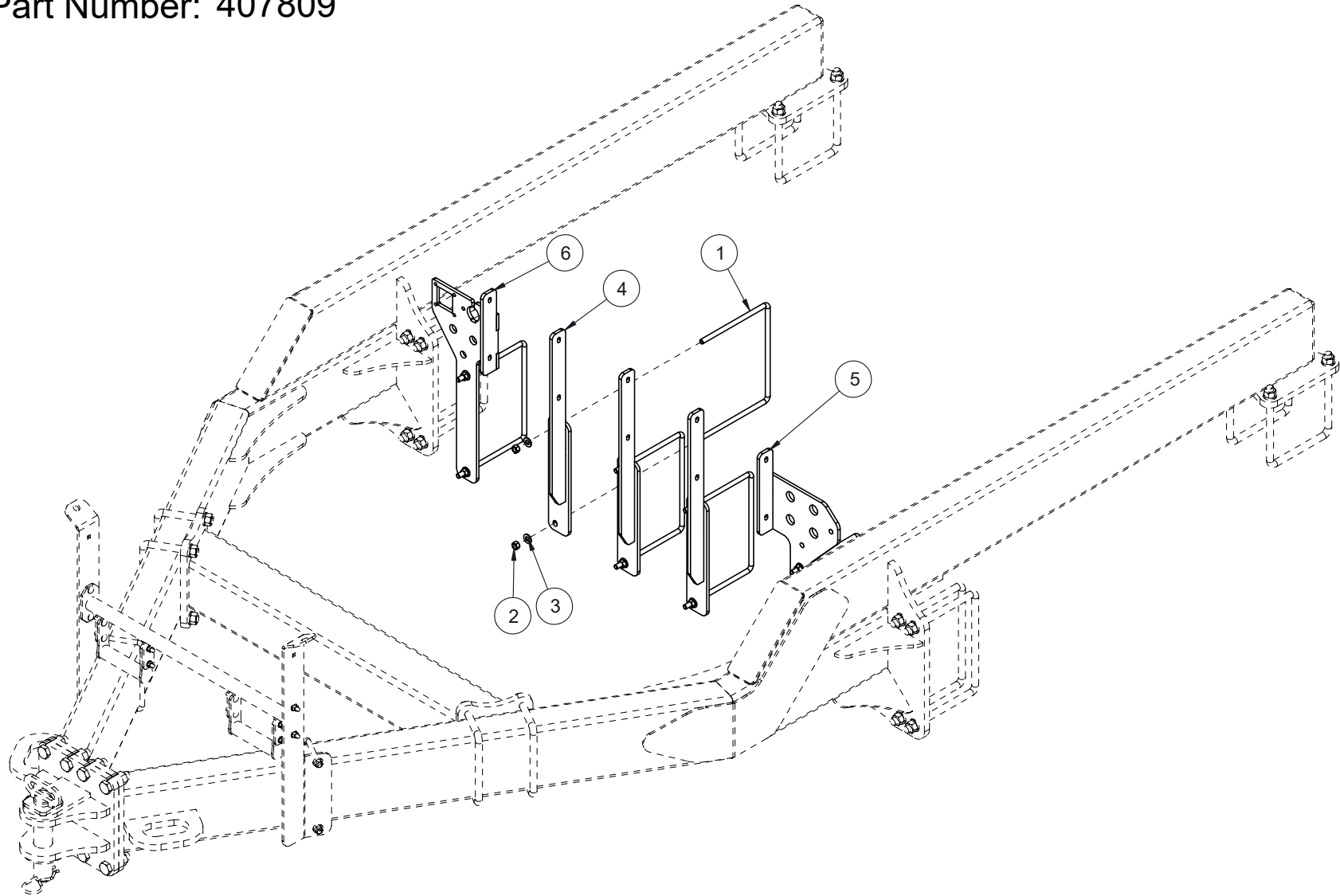


Rear Hitch - JD C850 - 12x8 Axle - Extended Rails

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				

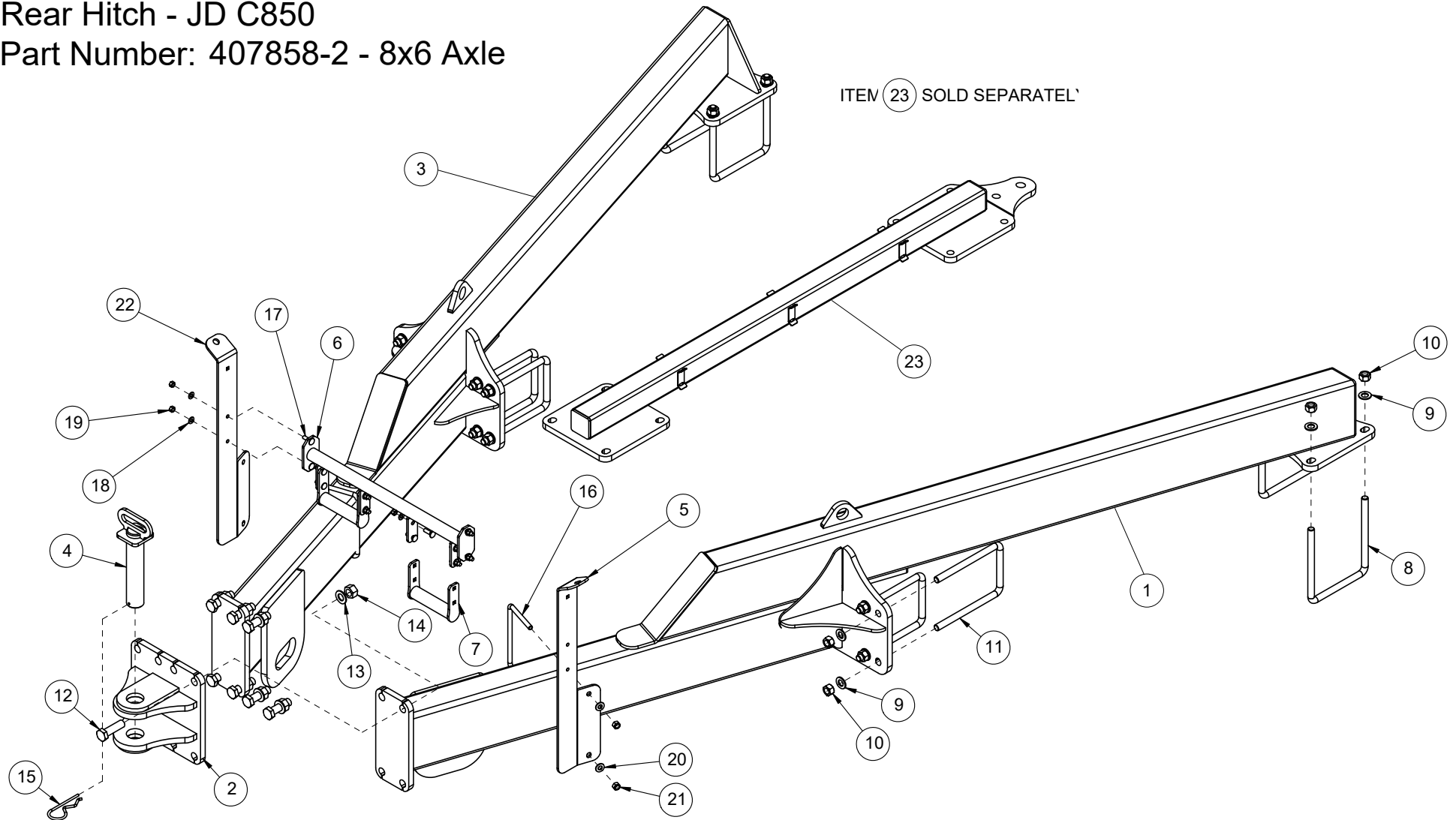
Rear Hitch - Hydraulic Hose and Coupler Support Part Number: 407809



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	503315-3	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	408224	PLATE, FRMD 1/4 IN - HOSE GUIDE SUPPORT - LH - JD C850 REAR HITCH -				
23	1	408229	WELD, LIFT KIT - REAR BEAM MNT - JD HITCH				

Rear Hitch - JD C850
Part Number: 407858-2 - 8x6 Axle

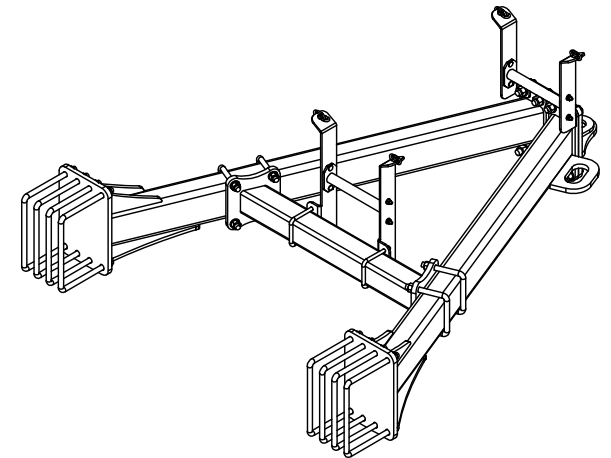
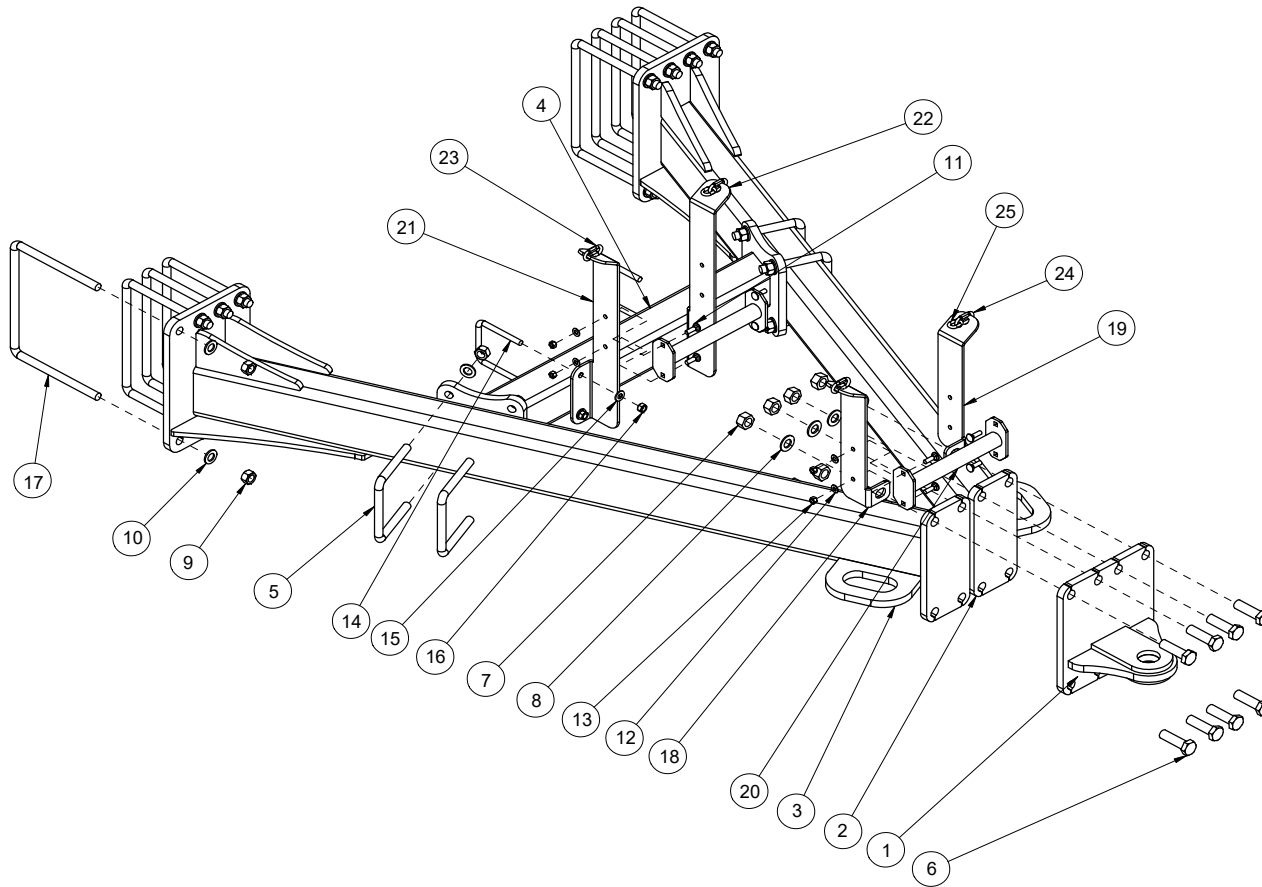


Rear Hitch - Liquid Cart

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

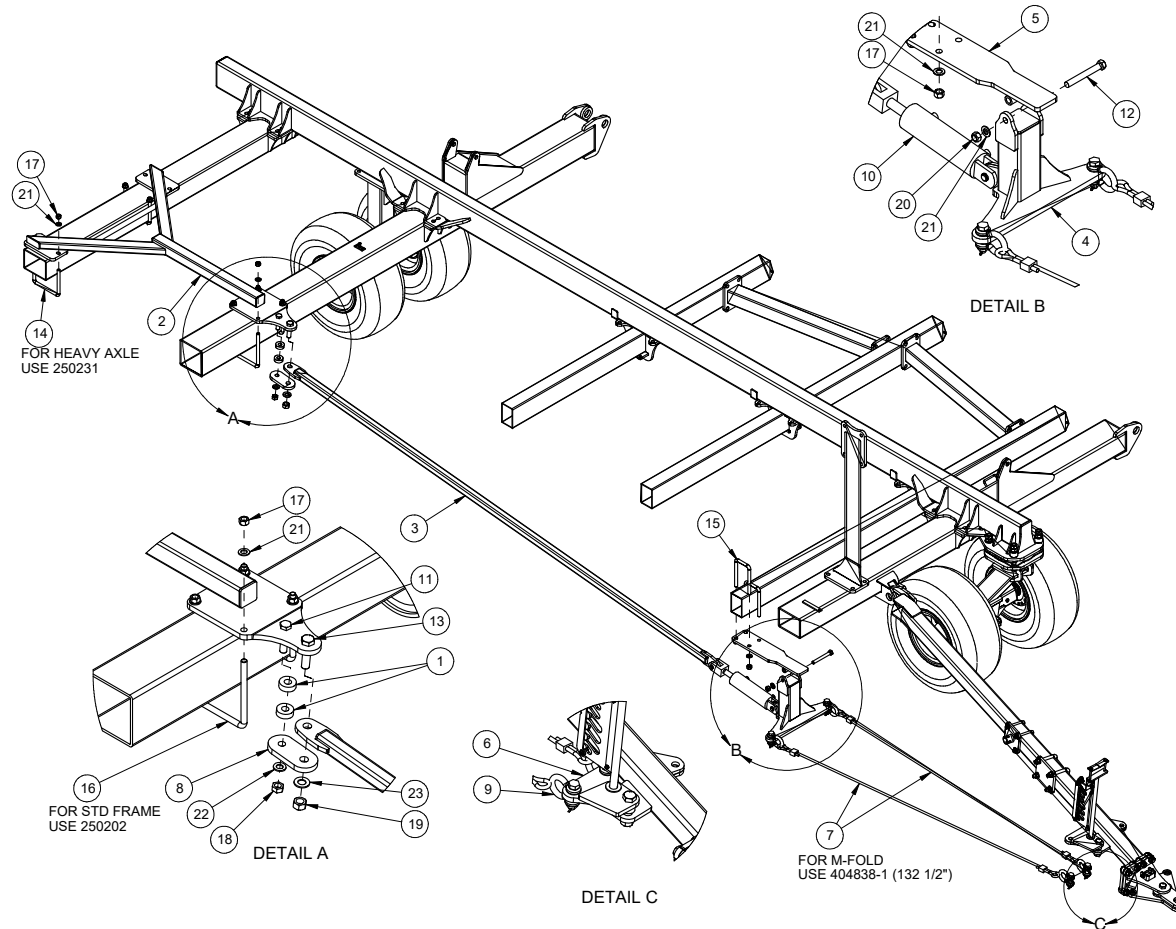


Lift Kit Bundles

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				
-	1	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

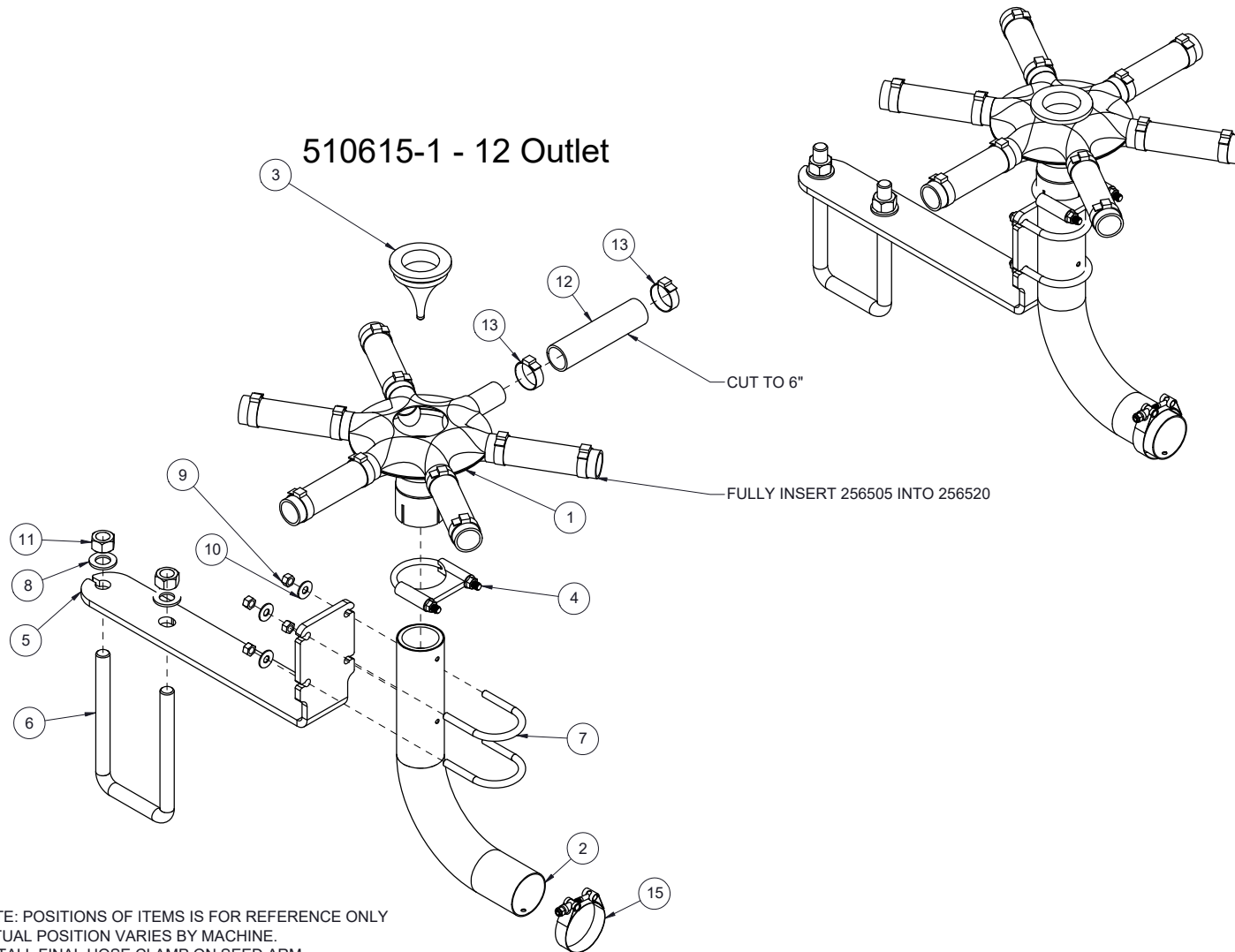
**See Wing Cylinder layout page for correct cylinder size

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 - Seed

BAG, HARDWARE : 510262



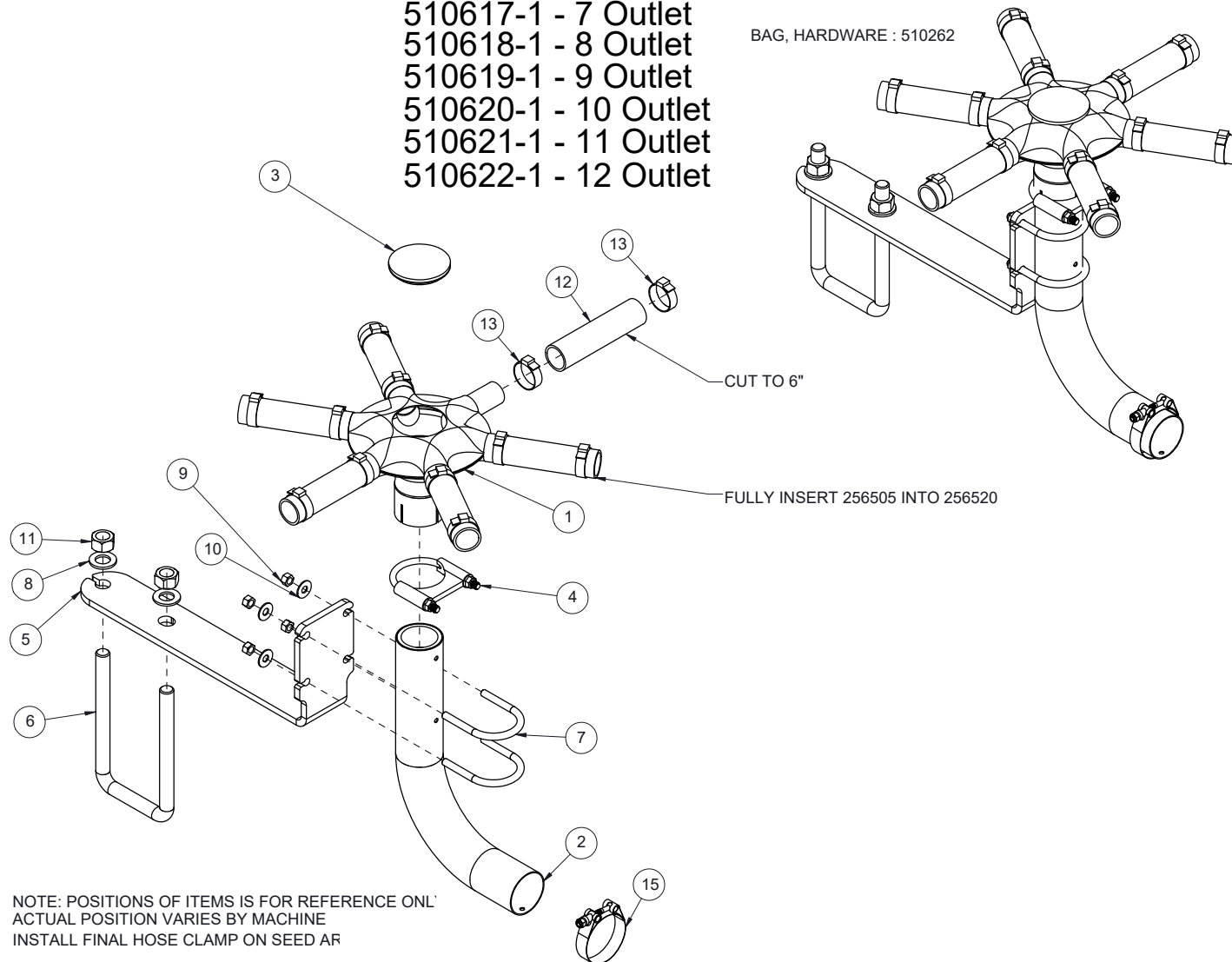
Standard Manifold Distribution - Fertilizer

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



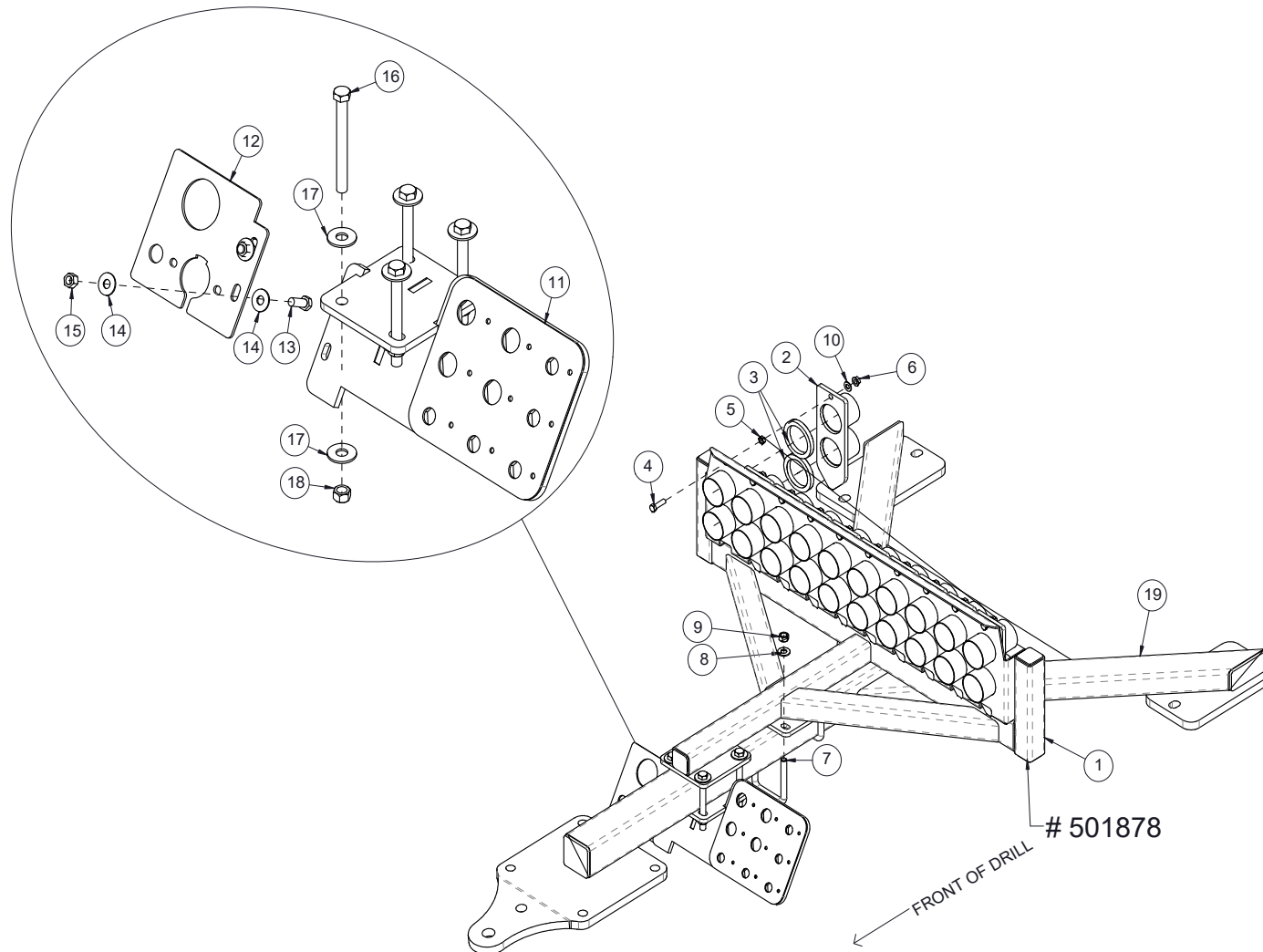
Quick Hose Disconnect Dual Shoot - 10 Zone

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 3ID 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

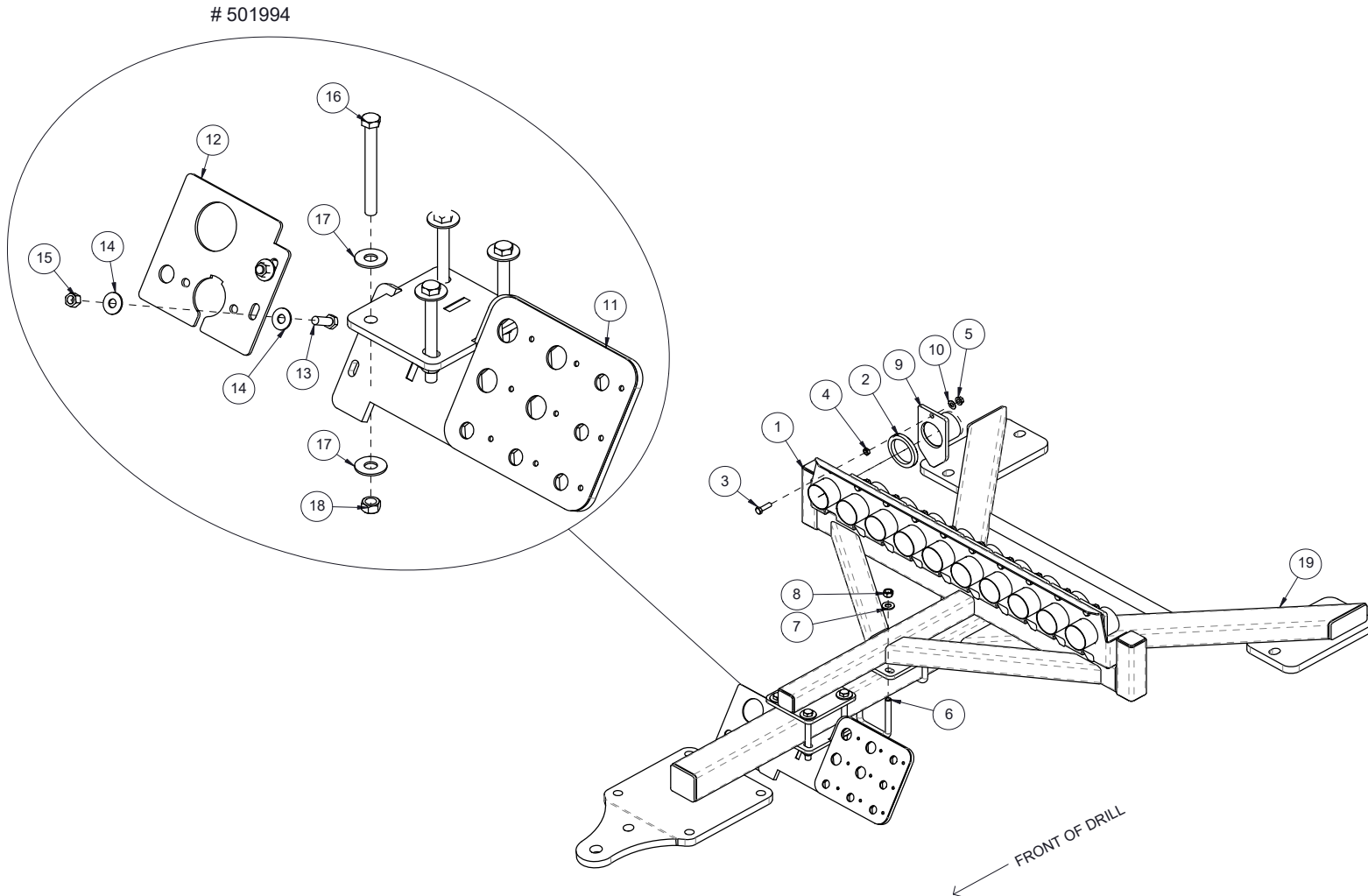


Quick Hose Disconnect Single Shoot - 10 Zone

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



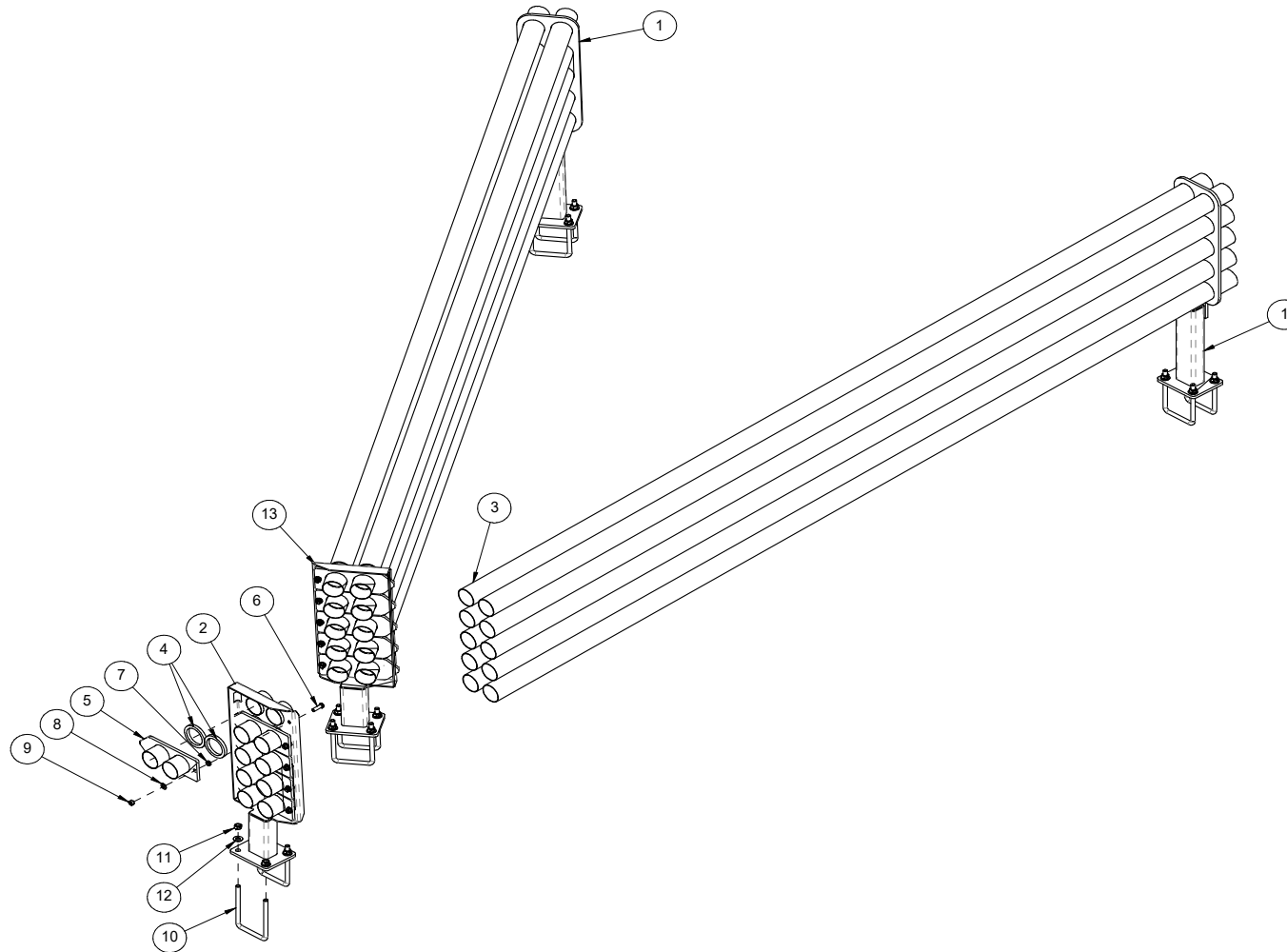
2-1/2" Delivery Hose Hitch Disconnect - T/B Nova Dual Shoot

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

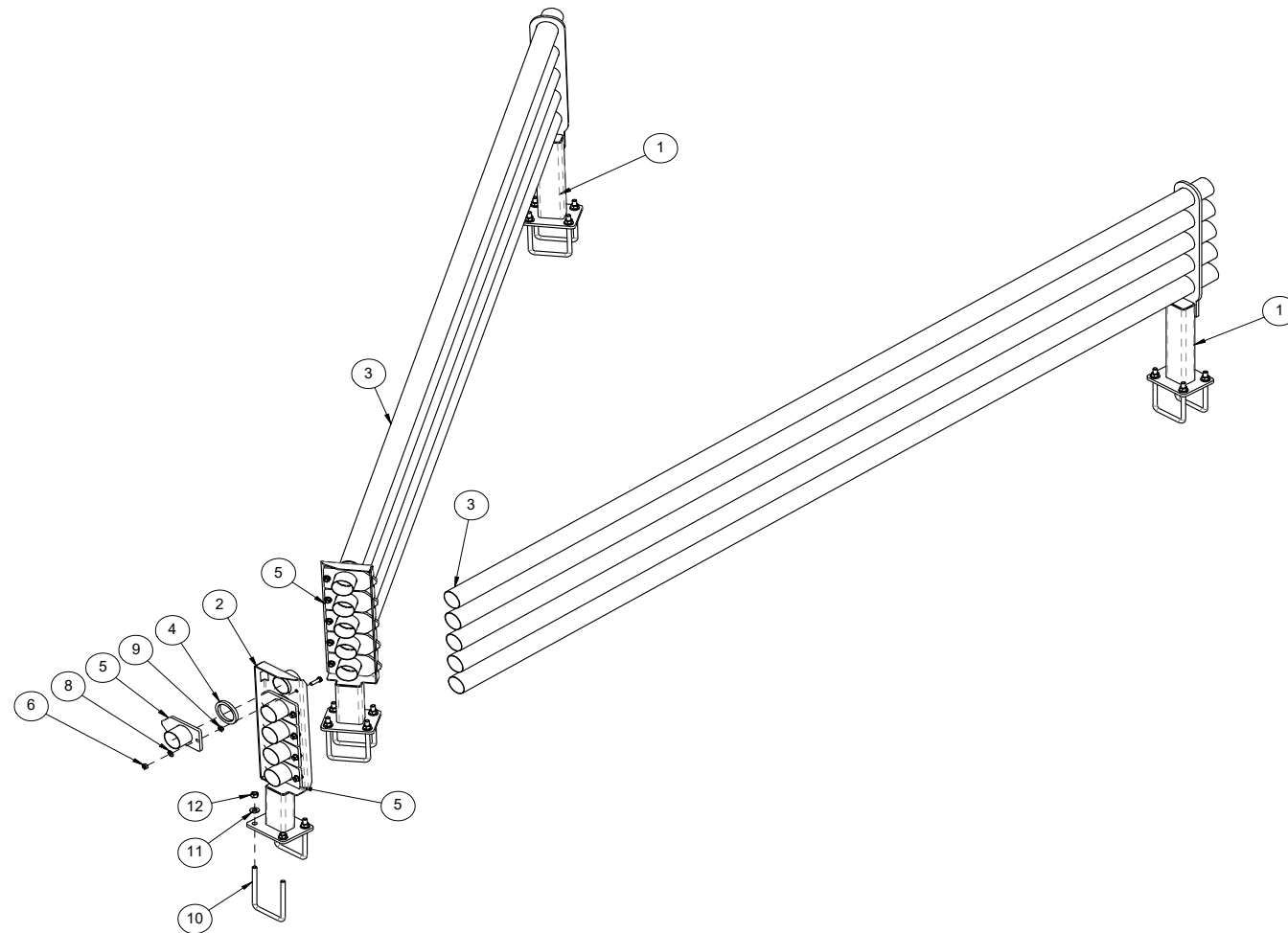
2-1/2" Delivery Hose Hitch Disconnect - T/B Nova Single Shoot

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

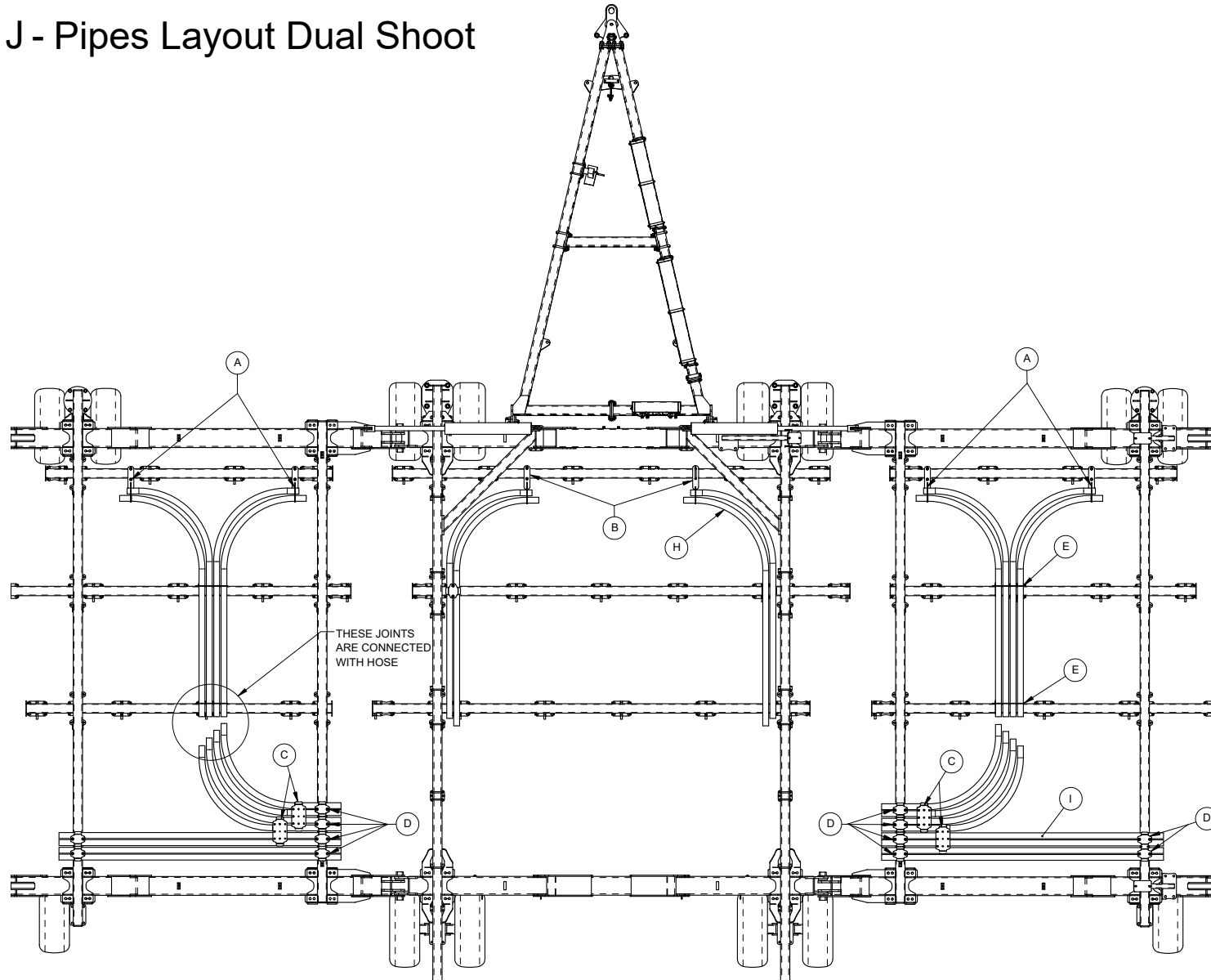
Part Number: 503500 - 10 Zone

Part Number: 503502 - 8 Zone

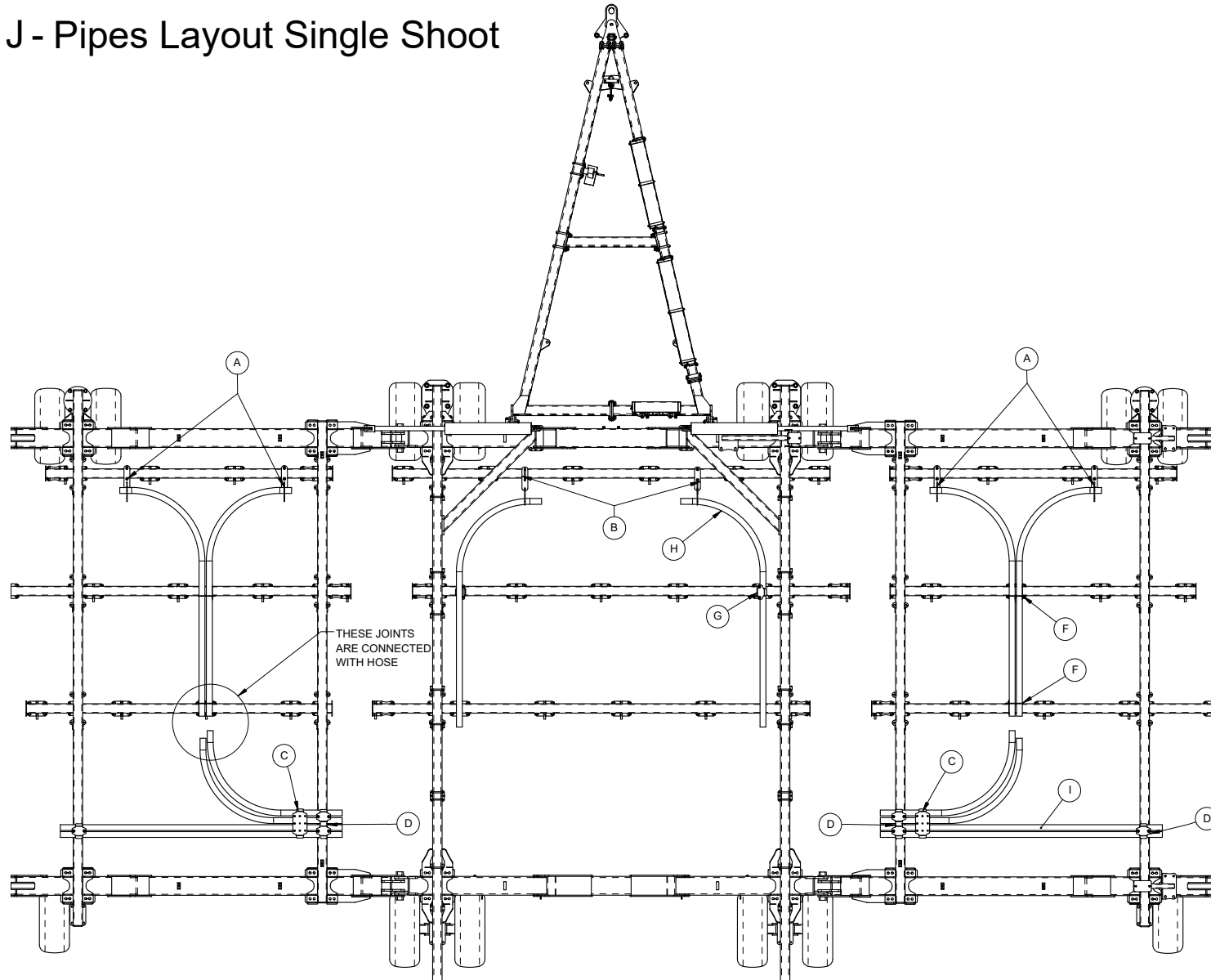


2-1/2" Delivery Hose Hitch Disconnect - T/B Nova Single Shoot

J - Pipes Layout Dual Shoot



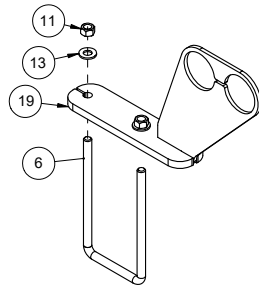
J - Pipes Layout Single Shoot



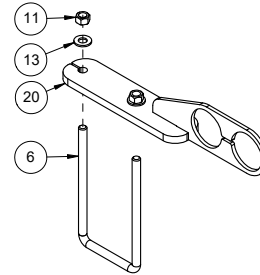
Pipe Holders Dual & Single Shoot

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	221742	STRAP, CINCH - CS416H				
2	2	222514	BOLT, HEX - 5/8 X 1 3/4 IN UNF GR8 PL				
3	2	250050	BOLT, HEX 1/2 X 3 1/2 IN UNC GR5 PL				
4	4	250053	BOLT, HEX - 3/8 X 3 1/2 UNC GR5 PL				
5	3	250213	BOLT, U-SQ - 1/2 UNC X 6ID X 5 1/2 IN - 2 IN THD - GR5 PL				
6	2	250218	BOLT, U-SQ - 1/2 UNC X 4 ID X 8 IN - 2 IN THD - GR5 PL				
7	2	250219	BOLT, U-SQ - 1/2 UNC X 4 ID X 8 IN - 2 IN THD - GR5 - PL				
8	2	250455	NUT, HEX 5/8 UNC GR5 PL				
9	2	250465	NUT, JAM 1/2 UNC GR5 PL				
10	4	250466	NUT, JAM - 3/8 UNC				
11	14	250504	NUT, LOCK - 1/2 UNC - STOVER - PL				
12	4	250550	WASHER, FLAT 5/8 IN GR8 PL				
13	18	250555	WASHER, FLAT - 1/2 IN - GR8 - PL				
14	4	250557	WASHER, FLAT - 3/8 IN GR8 PL				
15	3	A510250	PLATE, FRMD 10GA - PIPE HANGER - DISTRIBUTION - BLK				
16	2	A510251	PLATE, FRMD 10 GA - HANGER - 4 PIPE.				
17	2	A510253	PLATE, FRMD 10 GA - HANGER - 3 PIPE.				
18	1	A510337	PLATE, FRMD 10GA - PIPE HANGER - DISTRIBUTION - BLK				
19	1	A510475	WELD, DELIVERY PIPE HOLDER - 6IN- 2 PIPE - BLK				
20	1	A510477	WELD, DELIVERY PIPE HOLDER - 2 PIPE - BLK				
21	1	A510479	PLATE, GUIDE 1/4 IN - DELIVERY PIPE HOLDER - 4 PIPE - OFFSET - BLK				
22	1	A510480	PLATE, GUIDE 1/4 IN - DELIVERY PIPE HOLDER - 2 PIPE - OFFSET - BLK				
23	1	A510481	PLATE, GUIDE 1/4 IN - DELIVERY PIPE HOLDER - 4 PIPE - CENTER - BLK				
24	1	A510745	WELD, DIST. PIPE - RANK END HOLDER - BLK				

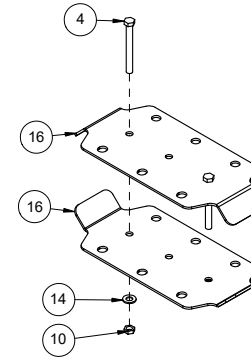
Pipe Holders Dual Shoot & Single Shoot



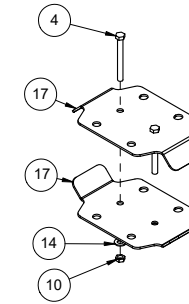
510482 - BDL, PIPE HOLDER - DISTRIBUTION - 6IN - 2 PIPE



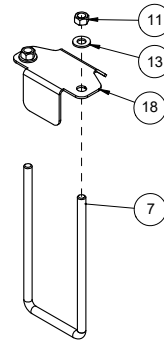
510483 - BDL, PIPE HOLDER - DISTRIBUTION - 2 PIPE



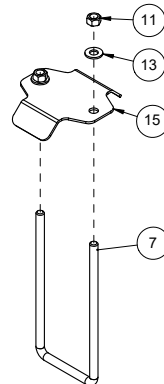
510303-1
BDL, HANGER- 4 PIPE - DISTRIBUTION



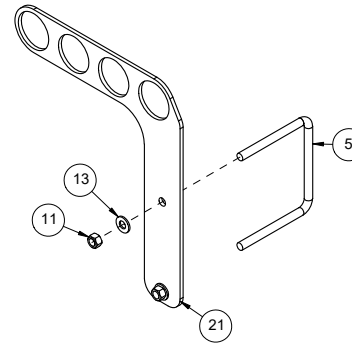
510304



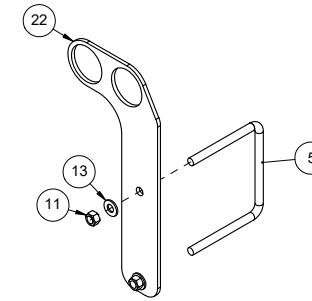
510338
BDL, HANGER - SINGLE PIPE- DISTRIBUTION



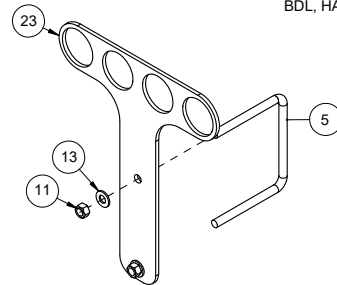
510302
BDL, HANGER - 2 PIPE- DISTRIBUTION



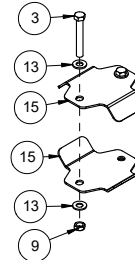
510484
BDL, PIPE HOLDER - DISTRIBUTION - 4 PIPE -
OFFSET



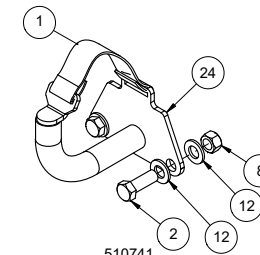
510485



510486 - BDL, PIPE HOLDER - DISTRIBUTION - 4 PIPE - CENTER



510358
BDL, HANGER - 2 PIPE - DISTRIBUTION

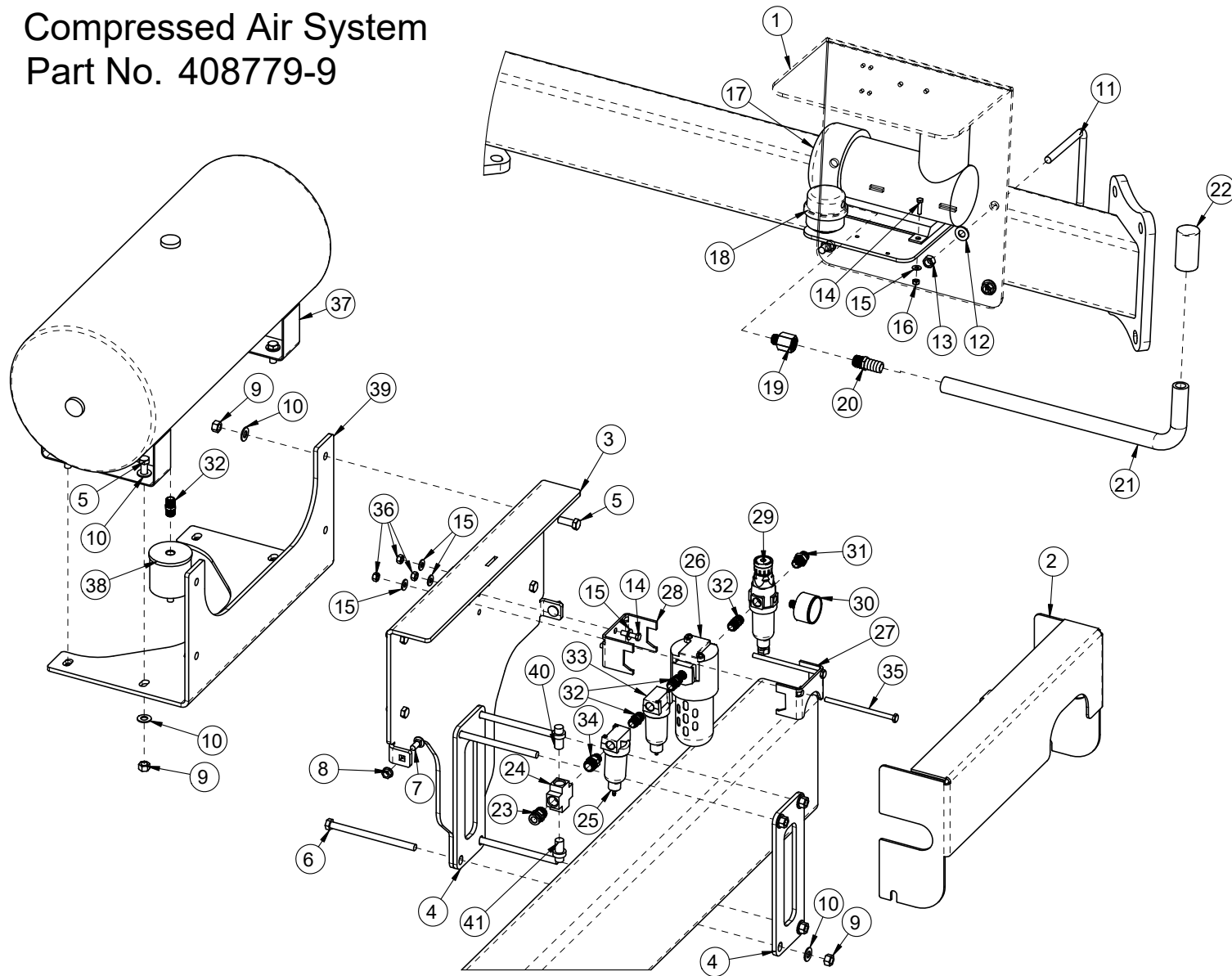


510741
BDL, PIPE HOLDER - DISTRIBUTION - 6IN - 2 PIPE

Compressed Air System

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	1	402137-3	ASSY, COMPRESSOR MOUNT - PACBRAKE - BLK	40	1	257106	PRESSURE SWITCH - 85/105 PSI ON/OFF - 1/8 NPT - VIAIR #90101
2	1	402118-4	PLATE, FRMD 10 GA IN - COVER - COMPRESSOR RELAY	41	1	260504	VALVE, RELIEF - AIR - PARKER
3	1	402115-9	PLATE, FRMD 1/4 IN - AIR TANK MOUNT - ZONE COMMAND				
4	2	402113	PLATE, BOLT 1/4 IN - AIR TANK MOUNT - ZONE COMMAND				
5	8	250036	BOLT, HEX 3/8 X 1 IN GR5 PL				
6	4	250092	BOLT, HEX 3/8 X 5 1/2 IN GR5 PL				
7	2	250106	BOLT, CARRIAGE - 5/16 X 3/4 IN UNC GR5 PL				
8	2	250403	NUT, FLANGE - 5/16 UNC PL				
9	12	250453	NUT, HEX - 3/8 UNC PL				
10	16	250557	WASHER, FLAT - 3/8 IN GR8 PL				
11	2	250213	BOLT, U-SQ - 1/2 UNC X 6ID X 5 1/2 IN - 2 IN THD - GR5 PL				
12	4	250555	WASHER, FLAT - 1/2 IN - GR8 - PL				
13	4	250450	NUT, HEX 1/2 UNC GR5 PL				
14	6	250033	BOLT, HEX 1/4 X 1 IN GR5 PL				
15	10	250559	WASHER, FLAT - 1/4 IN PL				
16	4	250458	NUT, HEX - 1/4 UNC PL				
17	1	257112	COMPRESSOR, KIT - 12VDC - PACBRAKE #HP10626				
18	1	257109	FILTER, COMPRESSOR INTAKE - HOUSING W/FILTER				
19	1	260570	ADAPTOR, BRASS - REDUCER - 3/8 MPT X 1/2 FPT				
20	1	260571	ADAPTOR, BRASS - 1/2 MPT X 3/4 HB				
21	1	256527	HOSE, RUBBER 3/4 IN (200 PSI)				
22	1	260490	SCREEN, PRE-FILTER, COMPRESSOR INTAKE				
23	1	260520	CONNECTOR, 3/8 NPT M X 3/8 PUSH ON - AIR				
24	1	260535	ADAPTOR, BRASS - CROSS - 3/8 MPT - FEMALE				
25	1	260574	FILTER, PARTICULATE - 14F15BB				
26	1	260573	DRYER, AIR - DESICCANT - WILKERSON - X06-02-000				
27	1	402132-2	SHEET, FRMD 10 GA - MOUNT PLATE - FRT				
28	1	402129-2	SHEET, FRMD 10 GA - MOUNT PLATE - REAR				
29	1	260503	REGULATOR/FILTER, AIR - PARKER - ZONE COMMAND				
30	1	260551	GAUGE, AIR - 1/8 NPT M - 0 - 160 PSI				
31	1	260516	CONNECTOR - 1/4 NPT M X 3/8 PUSH ON - AIR				
32	4	260576	ADAPTOR, BRASS - NIPPLE - 1/4 NPT				
33	1	260575	FILTER, COALESCING - 10F15ED				
34	1	260526	ADAPTOR, BRASS - HEX NIPPLE - 3/8 MPT x 1/4 MPT				
35	2	250573	BOLT, HEX - 1/4 X 4 1/2 UNC - GR5 - PL				
36	4	250507	NUT, LOCK - 1/4 UNC - STOVER - PL				
37	1	257108	TANK, AIR - 5 GAL				
38	1	260513	AUTOMATIC DRIP LEG DRAIN - 1/4 IN - 06D1NA - PARKER				
39	1	402159-1	PLATE, FRMD 1/4 IN - MOUNT - AIR TANK - BLK				

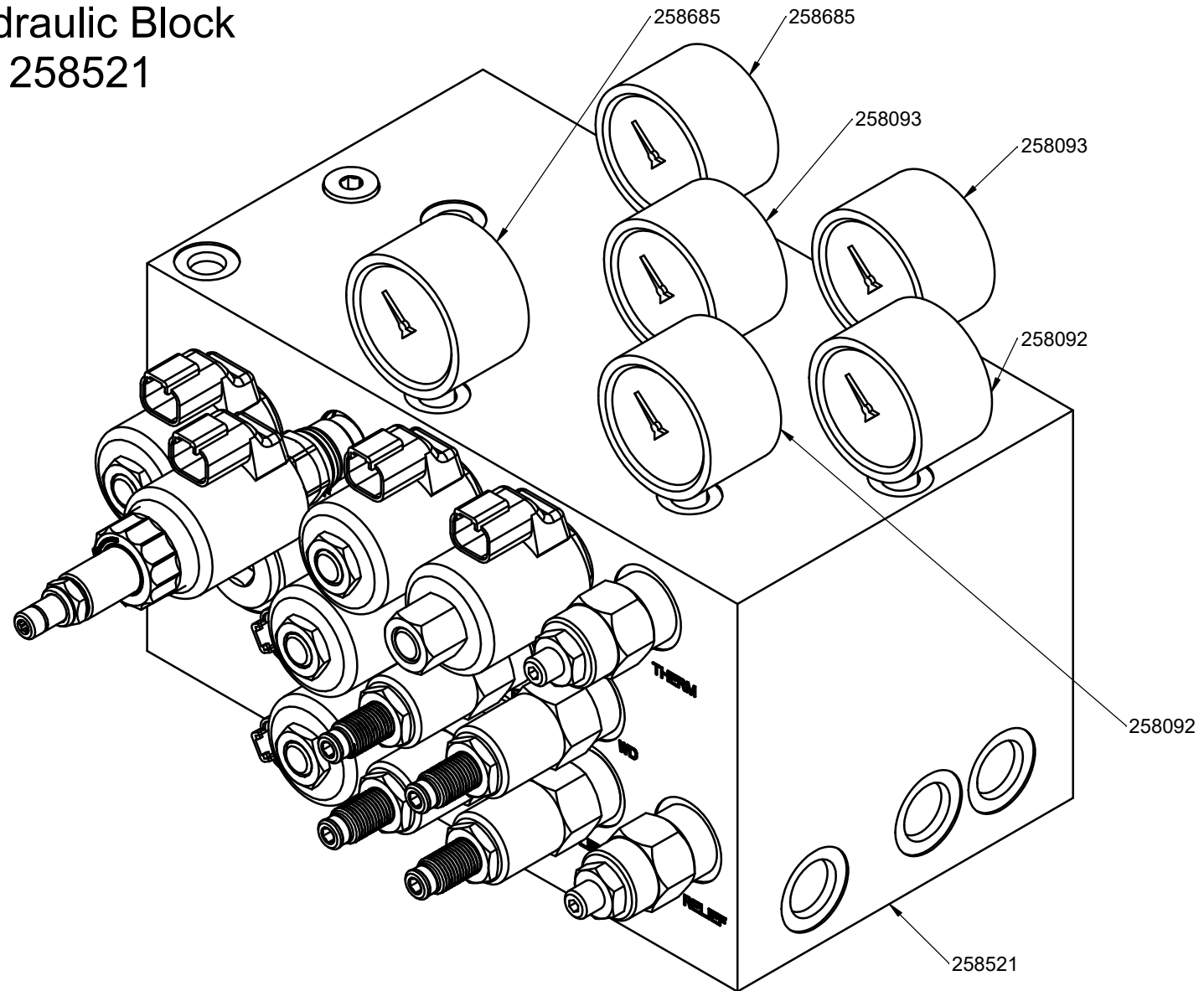
Compressed Air System Part No. 408779-9



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				

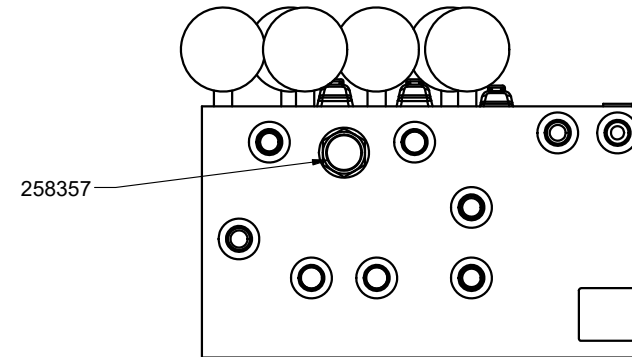
Main Hydraulic Block Part No. 258521



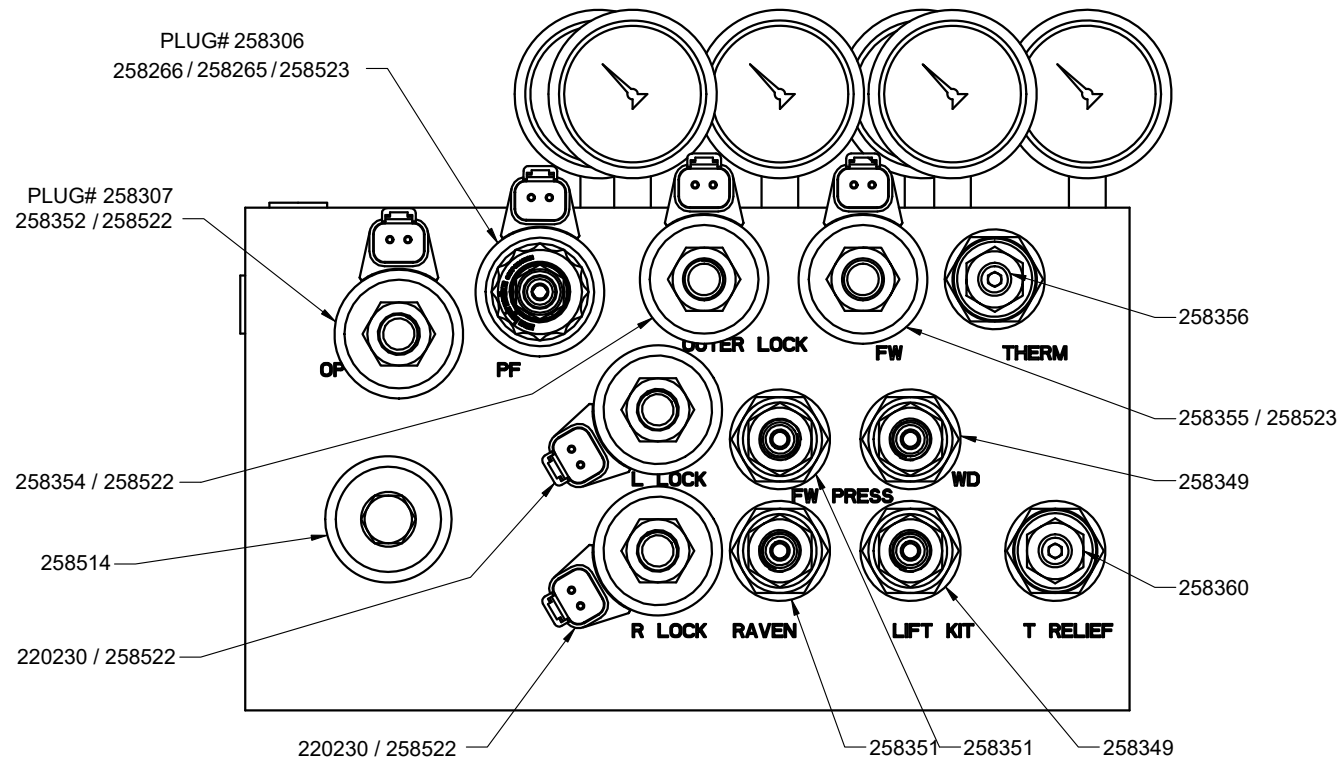
Main Hydraulic Block

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

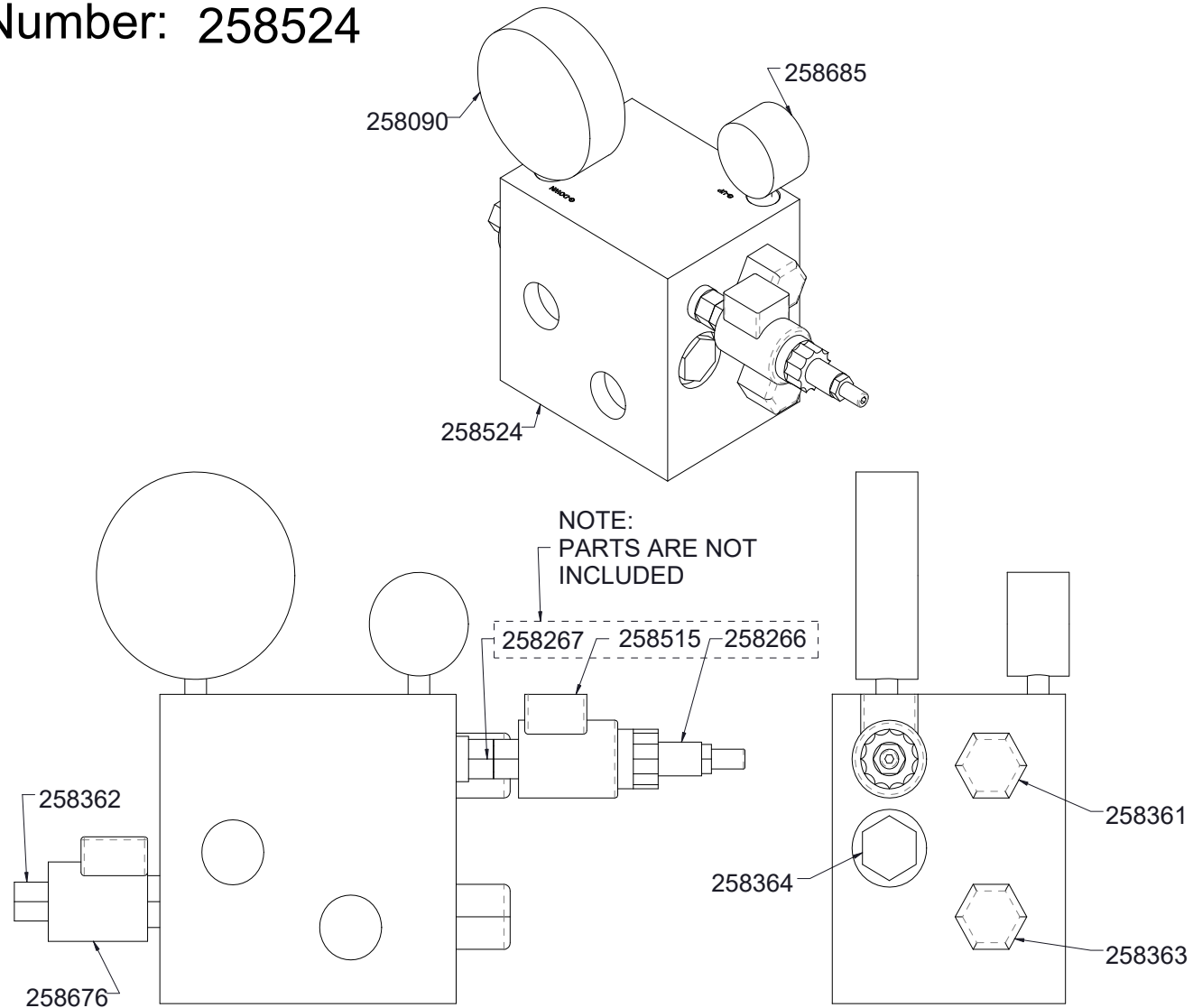


Smart Openers Hydraulic Manifold

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

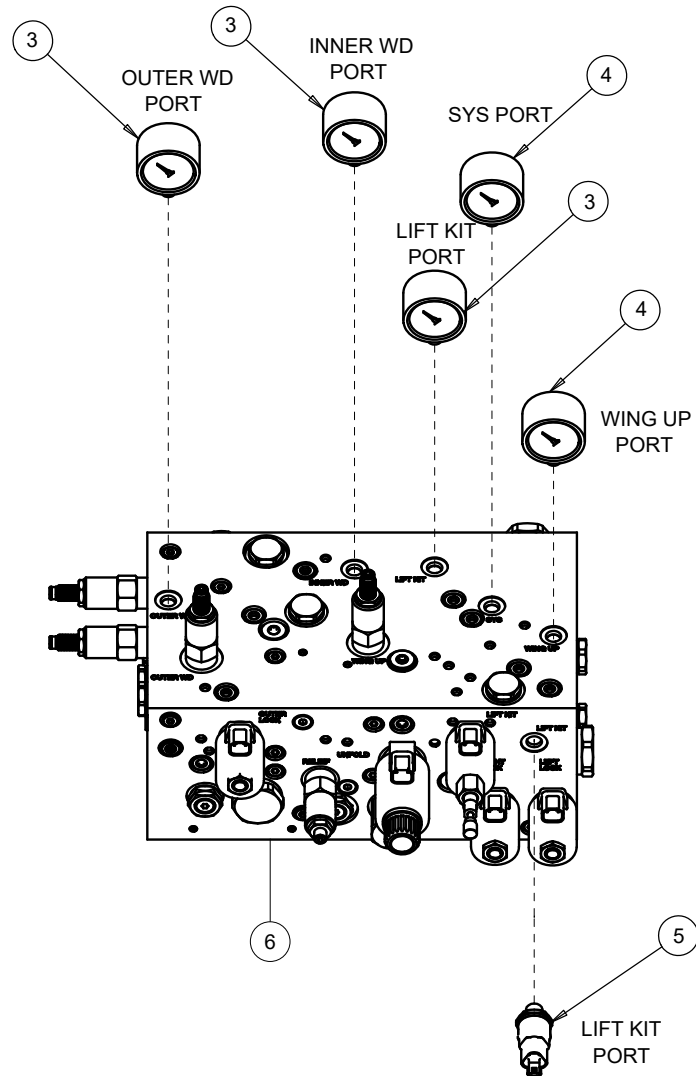
Part Number: 258524



Main Hydraulic Block - SMD with E-Series

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	2	250036	BOLT, HEX 3/8 X 1 IN GR5 PL				
2	2	250557	WASHER, FLAT - 3/8 IN GR8 PL				
3	3	258093	GAUGE, PRESSURE - SPG-63-3000-S-U - GLYCERINE				
4	2	258685	GAUGE, PRESSURE - 4000 PSI - 04 ORB M - GLYCERINE FILLED				
5	1	260806	TRANSDUCER, PRESSURE - HYD - RAVEN - 3000PSI				
6	1	600519	MANIFOLD, HYD - TOOLBAR WINGS				

Main Hydraulic Block - SMD with E-Series Part No. 400001



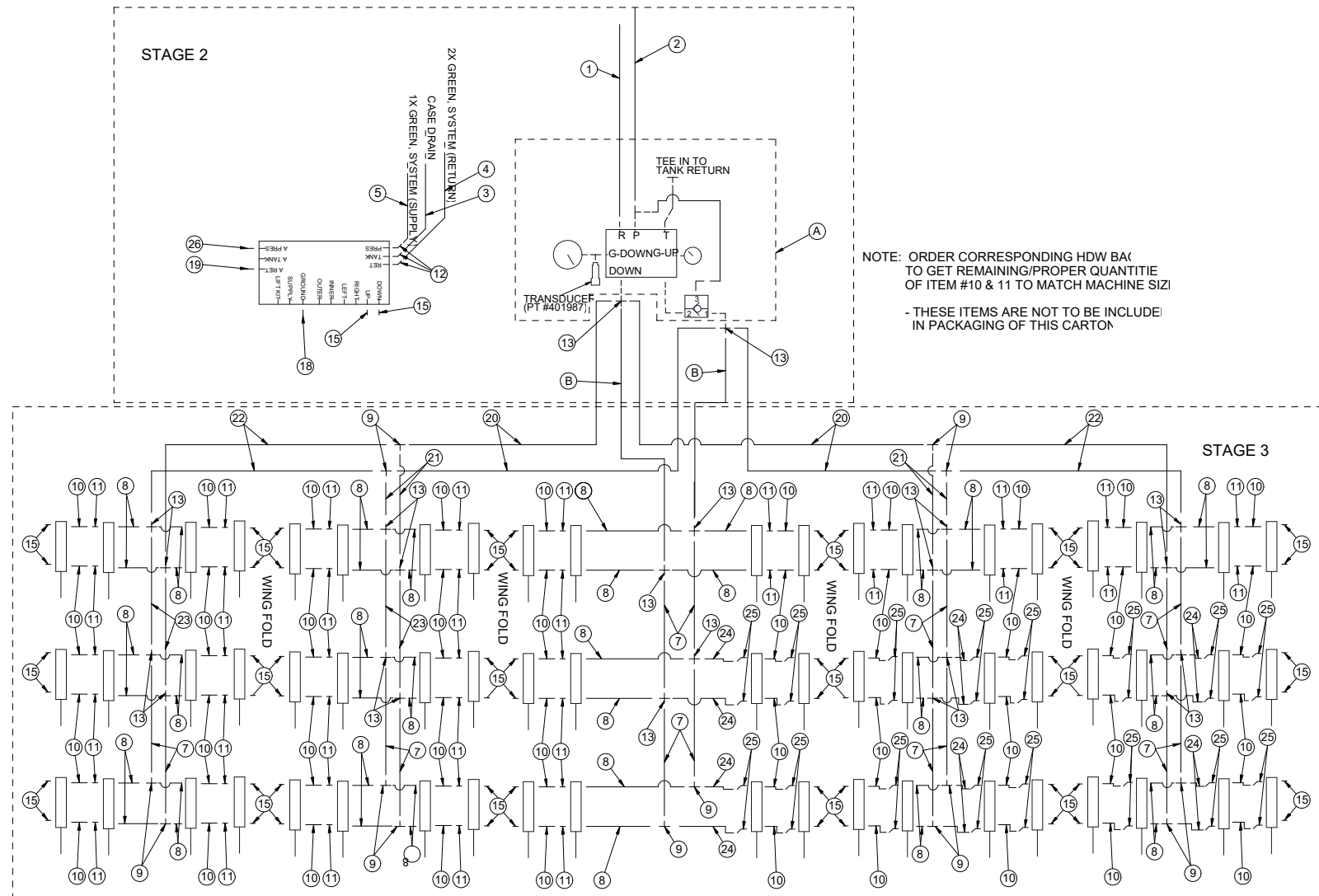
Opener Hydraulic Block - SMD with E-Series

Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
1	4	250036	BOLT, HEX 3/8 X 1 IN GR5 PL				
2	1	250213	BOLT, U-SQ - 1/2 UNC X 6ID X 5 1/2 IN - 2 IN THD - GR5 PL				
3	2	250450	NUT, HEX 1/2 UNC GR5 PL				
4	2	250555	WASHER, FLAT - 1/2 IN - GR8 - PL				
5	4	250557	WASHER, FLAT - 3/8 IN GR8 PL				
6	1	258090	GAUGE, PRESSURE - SPG-100-2000-SU-7/16 - GLYCERINE FILLED				
7	1	258266	VALVE, PWM PILOT STAGE - SUN RBAP-LBN - 150-1500 PSI W/MANUAL OV				
8	1	258267	VALVE, REDUCING/RELIEVING - SUN PPFB-8WN - SMARTOPENERS				
9	1	258515	COIL, SOLENOID - 12 VOLT - 770-212 - SUN				
10	2	258685	GAUGE, PRESSURE - 4000 PSI - 04 ORB M - GLYCERINE FILLED				
11	1	260806	TRANSDUCER, PRESSURE - HYD - RAVEN - 3000PSI				
12	1	600520	MANIFOLD, HYD - OPENER				
13	1	A402182	SMARTOPENERS BLOCK MOUNT - BLK				
14	1	258738	VALVE, SOLENOID - DANFOSS SV08-23-02-00-00-B-00				
15	1	258739	COIL, SOLENOID - DANFOSS M16-12D-26W-DE				

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				

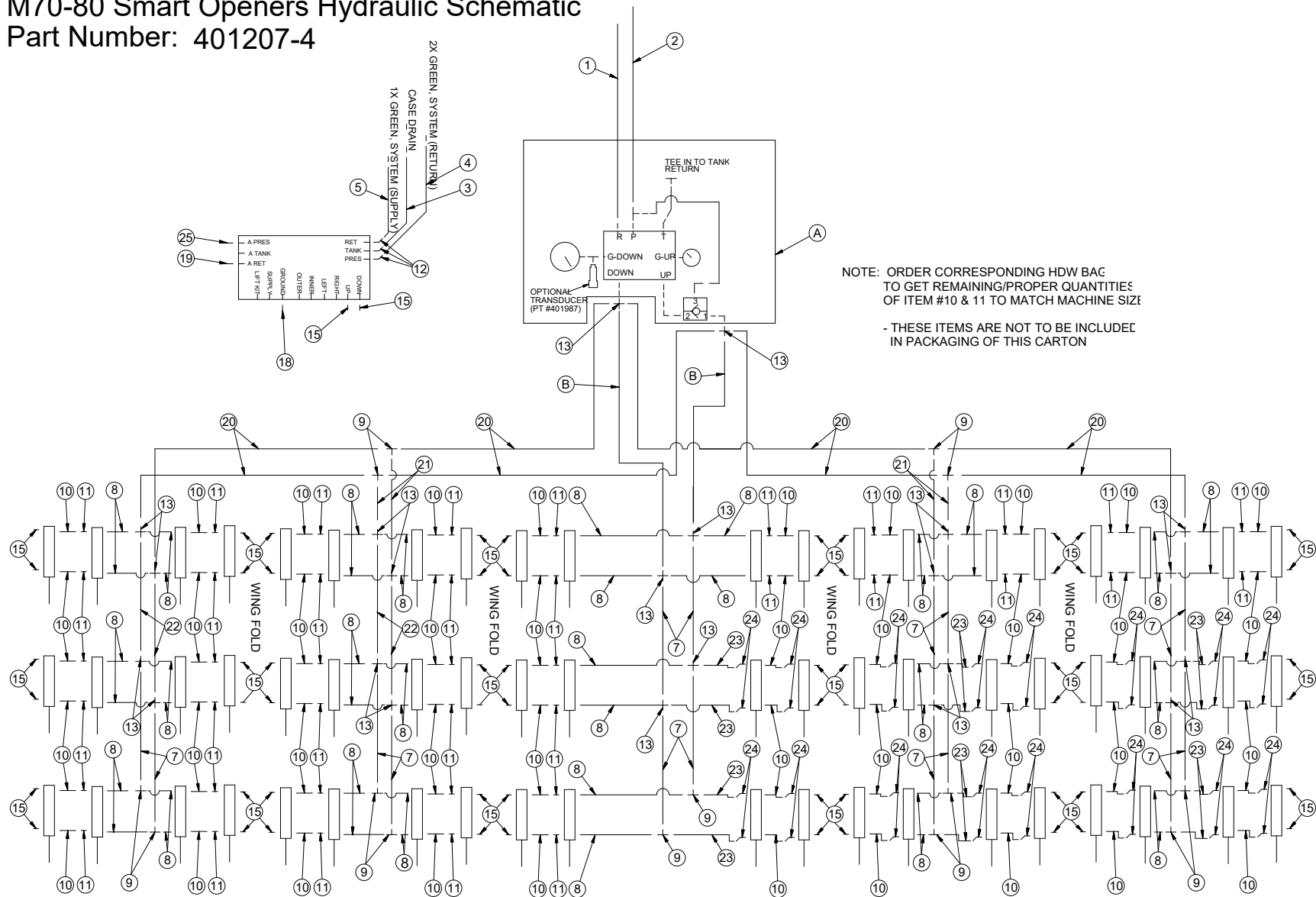
M50-M60 Smart Openers Hydraulic Schematic Part Number: 401208-5



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

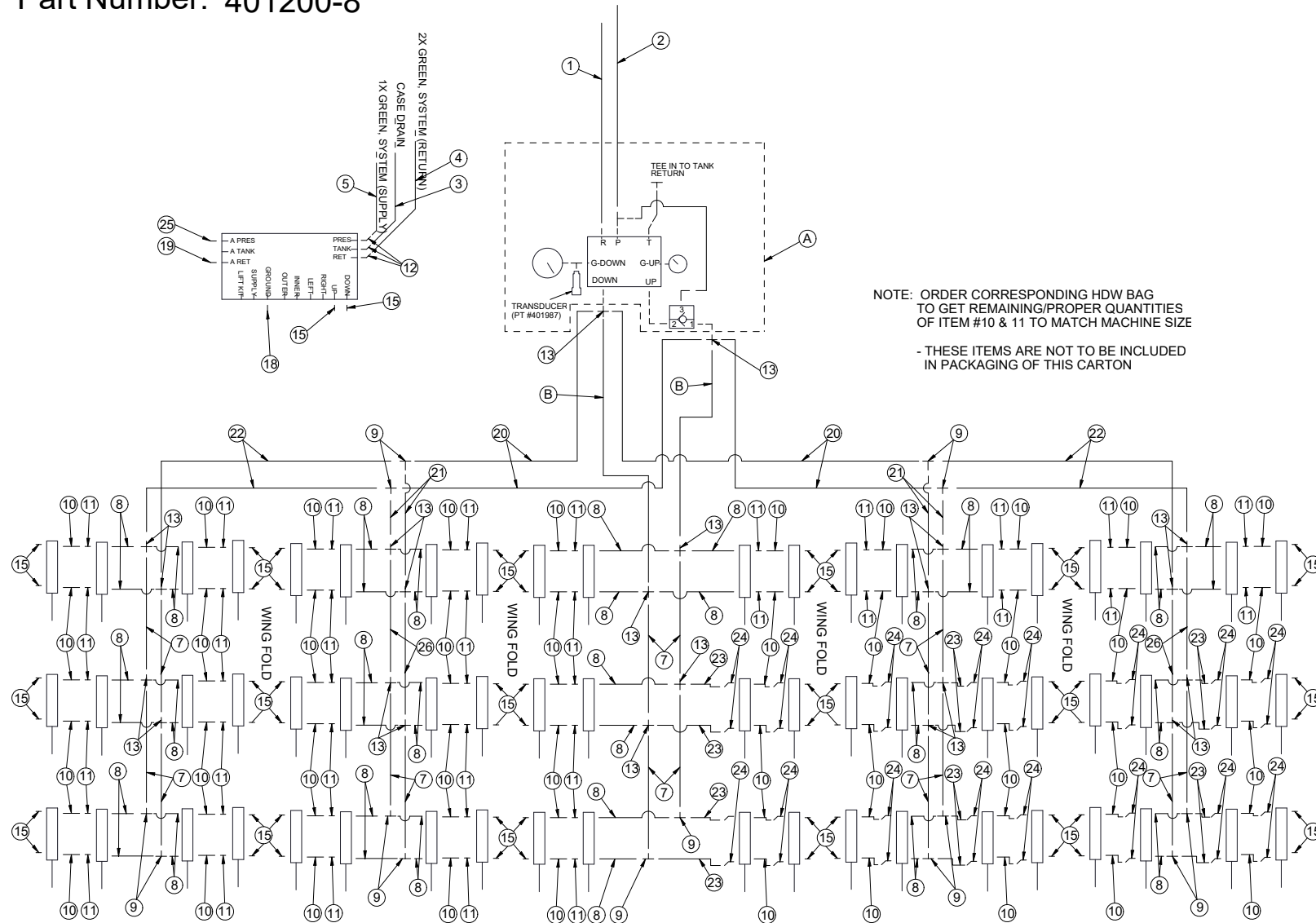


Wide M Hydraulic Schematic Smart Openers

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

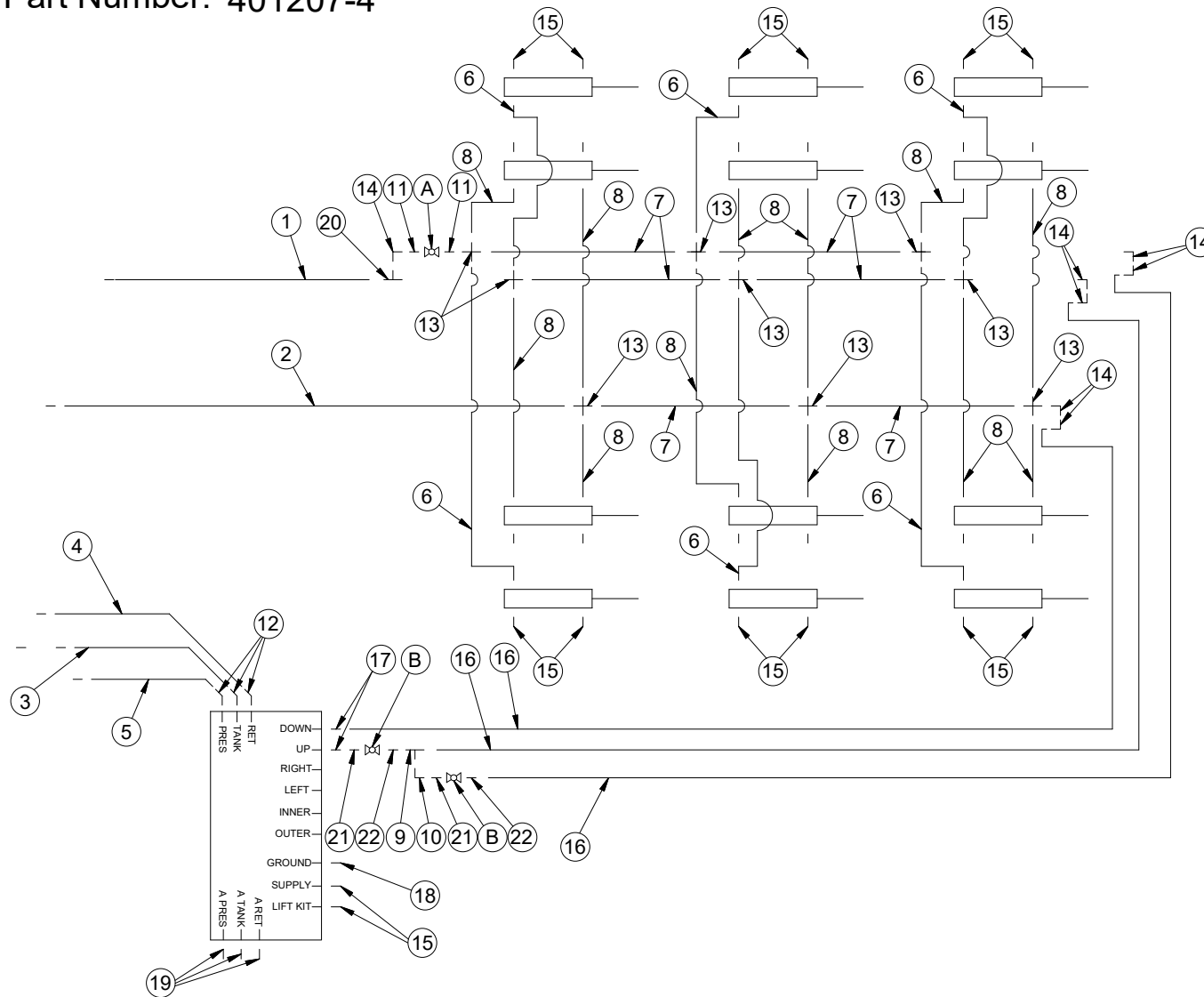
Part Number: 401200-8



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				

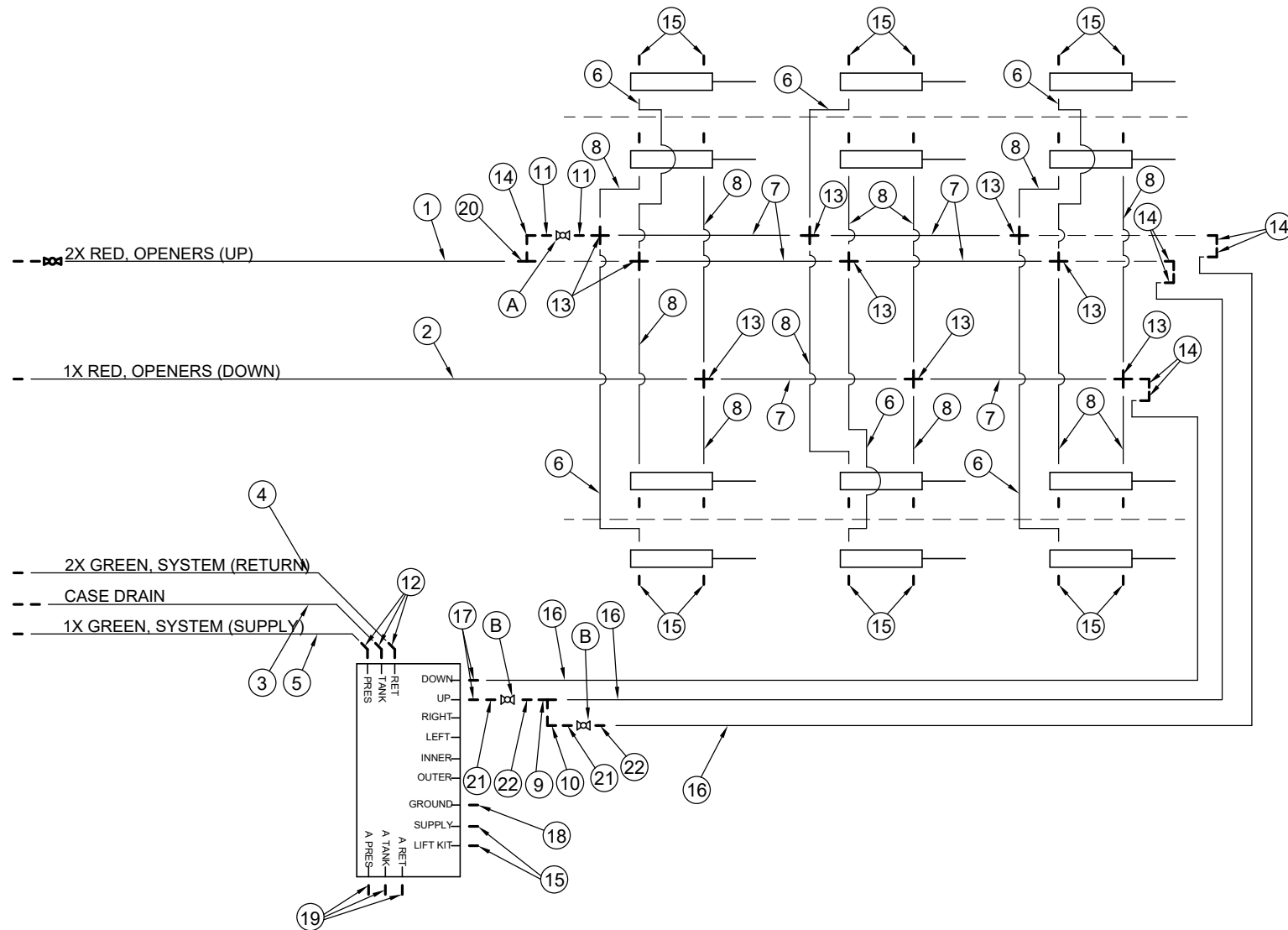
Non-Smart Opener Spacing Locks for M80 Hydraulic Schematic Part Number: 401207-4



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				

Part Number: 401002-2

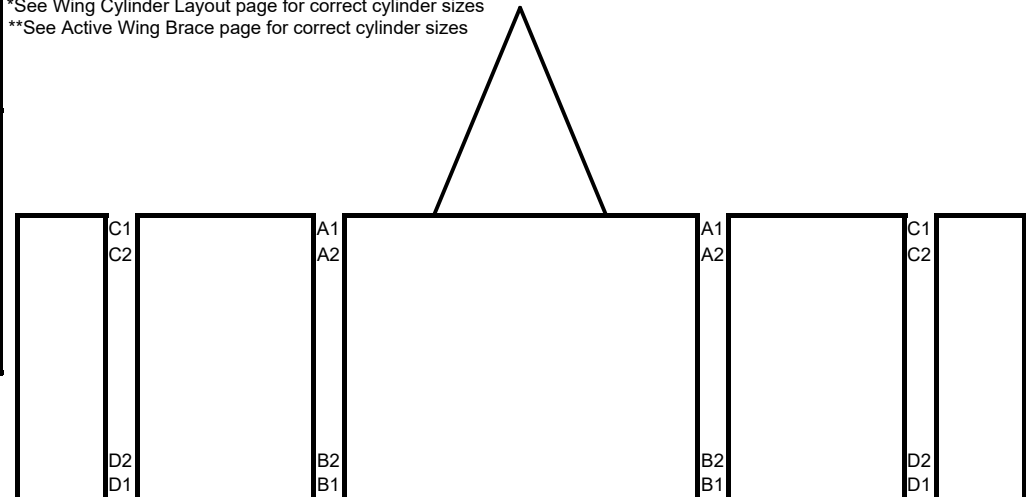


Hydraulic Cylinder Layout									
	Machine	A1	A2	B1	B2	C1	C2	D1	D2
40C	4012	258510	-	258520	-	-	-	-	-
	41'8"-10	258510	-	258520	-	-	-	-	-
	4212	258510	-	258520	-	-	-	-	-
	43'4"-10	258510	-	258520	-	-	-	-	-
	4412	258520	-	258520	-	-	-	-	-
STD 3 PLEX	4010	258520	-	258520	-	-	-	-	-
	4012	258520	-	258520	-	-	-	-	-
	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

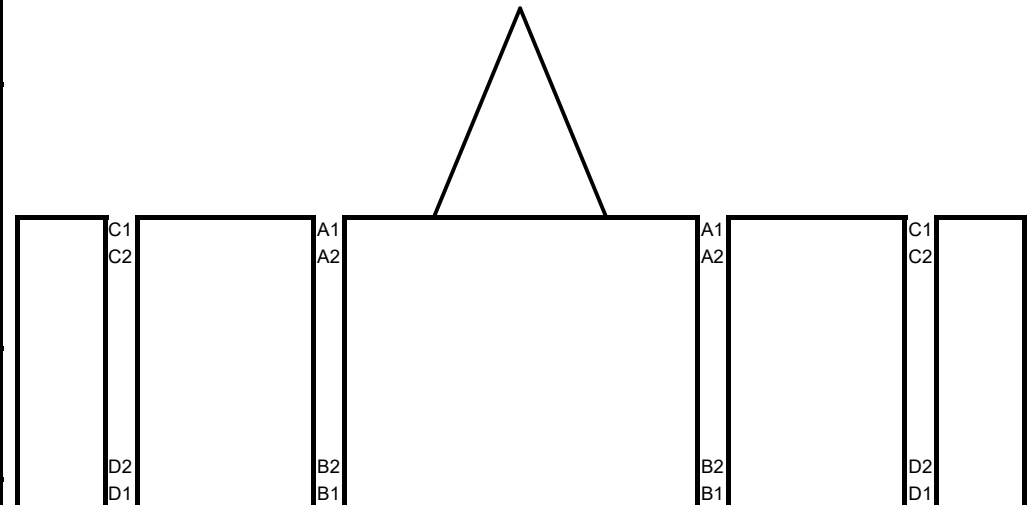
Location	Cylinder		Seal Kit
	Description	Part No.	Part No.
Opener	1-3/4 x 4	258500	258474
STD Wing*	3 x 24	258510	258478
STD Wing*	4 x 24	258520	258480
M-Fold Wing*	3 x 32	258548	258479
M-Fold Wing*	4-1/2 x 32	258554	258481
Smart Hitch Sensor	1-3/4 x 4	258500	258474
Waggle Plate	2-1/2 x 8	258550	258477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

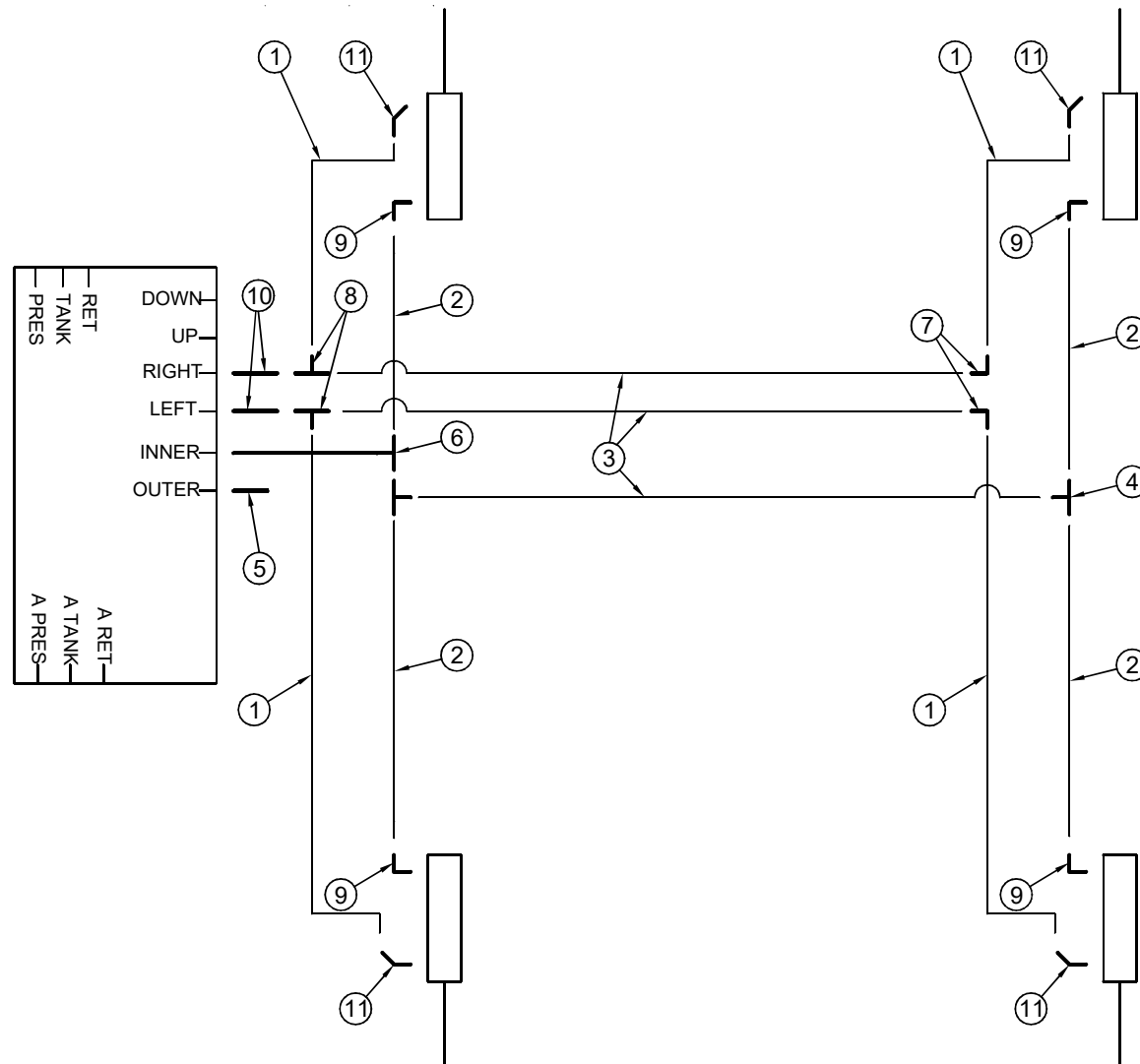


Wing Cylinder Layout - M-Fold Frame

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

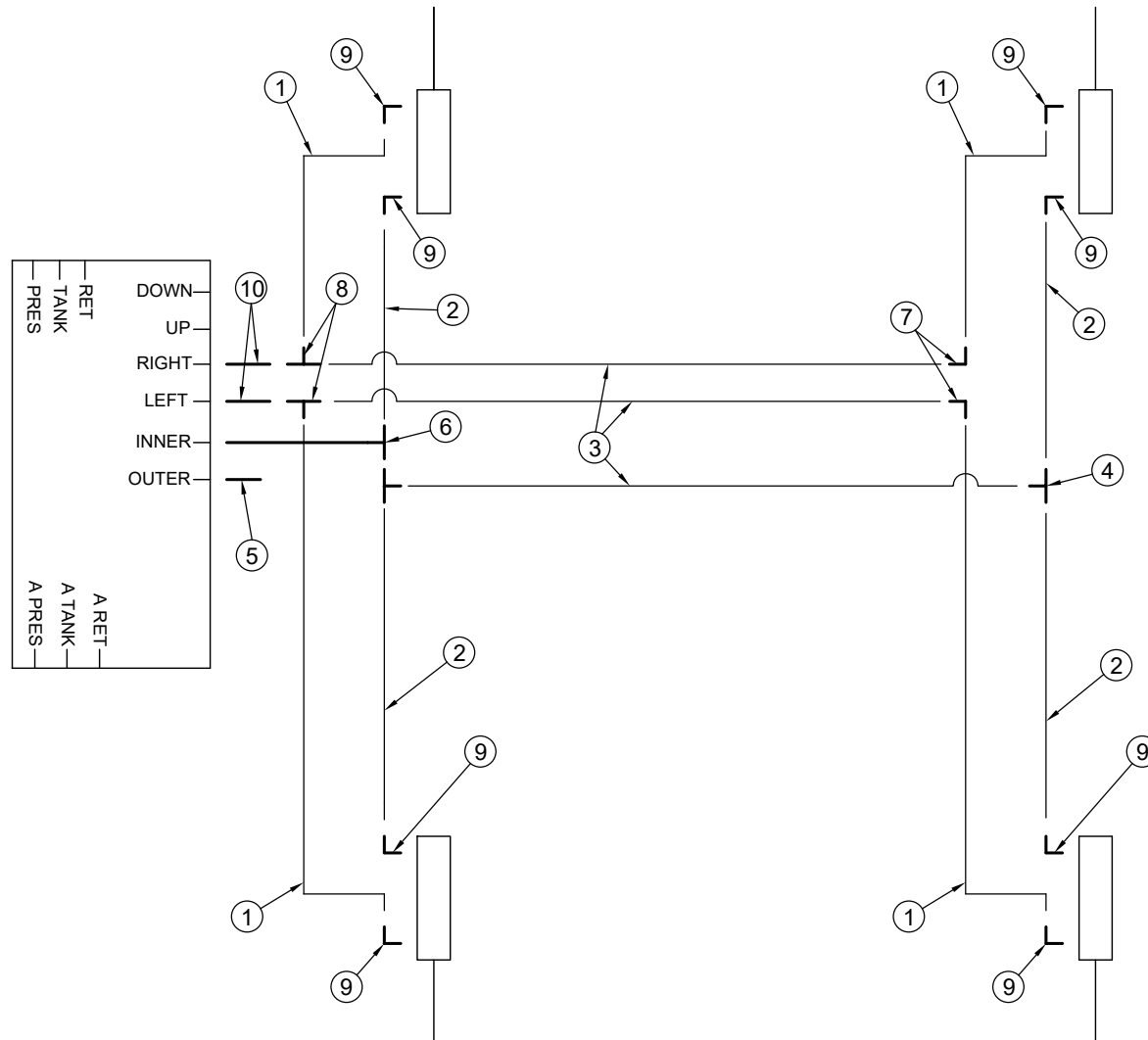


Wide 3-plex Wing Fold Hydraulic Schematic

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

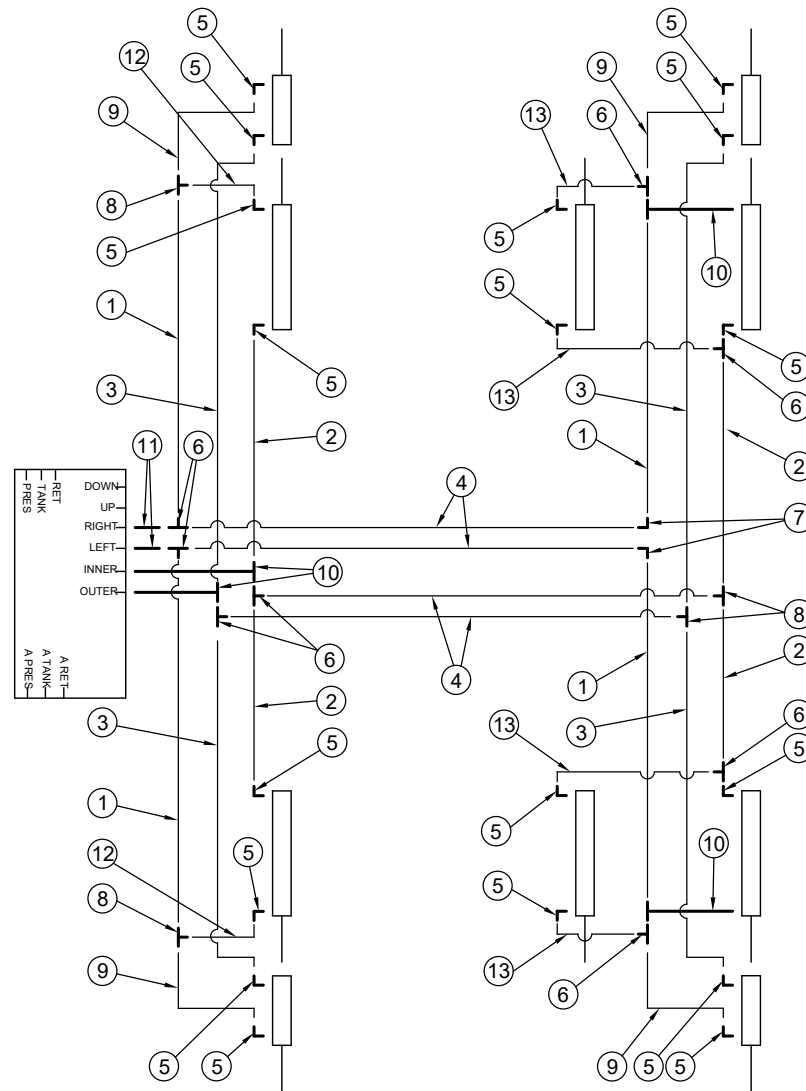
Part Number: 401015-6



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				

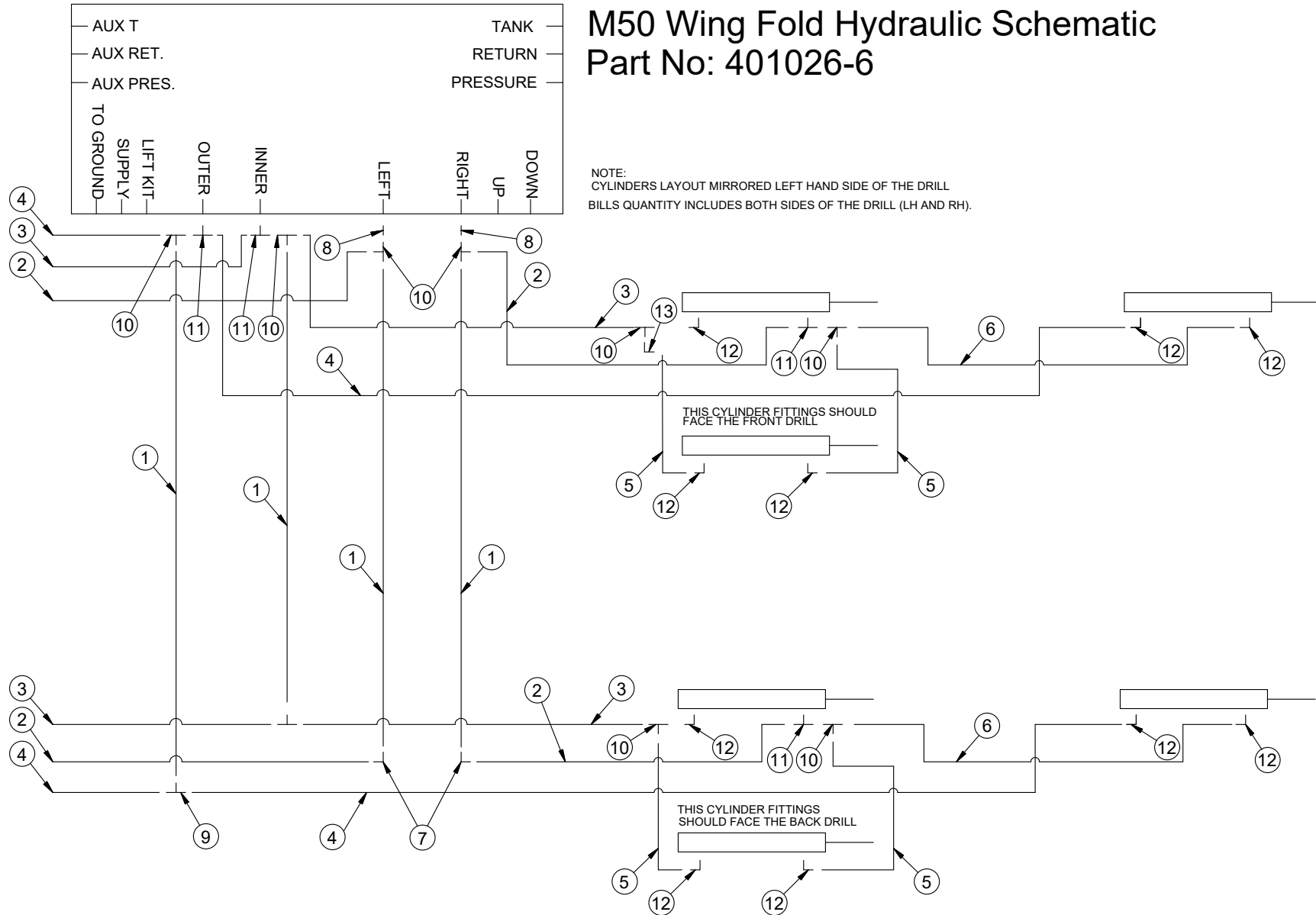
Part Number: 401020-9



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				

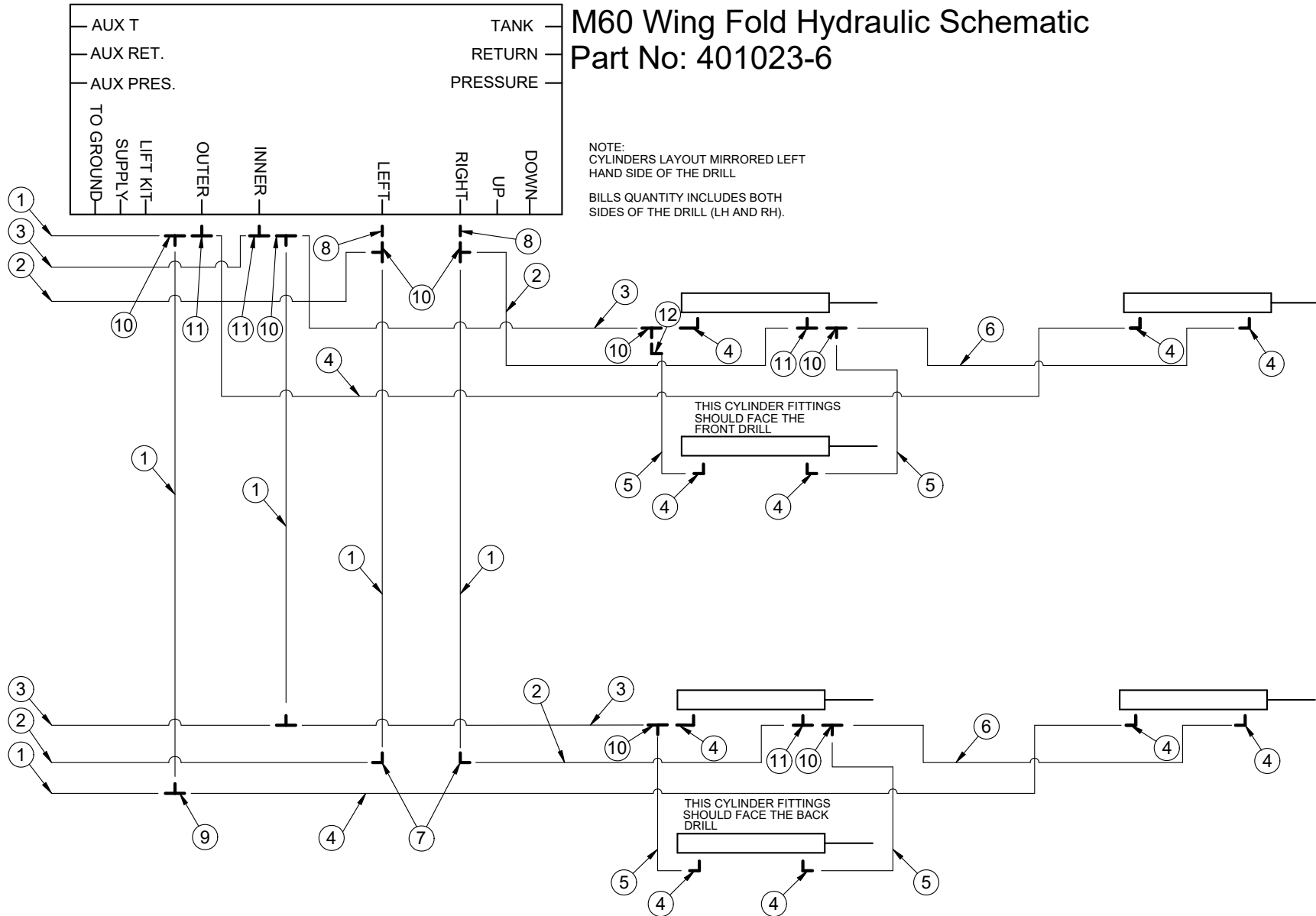
M50 Wing Fold Hydraulic Schematic Part No: 401026-6



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

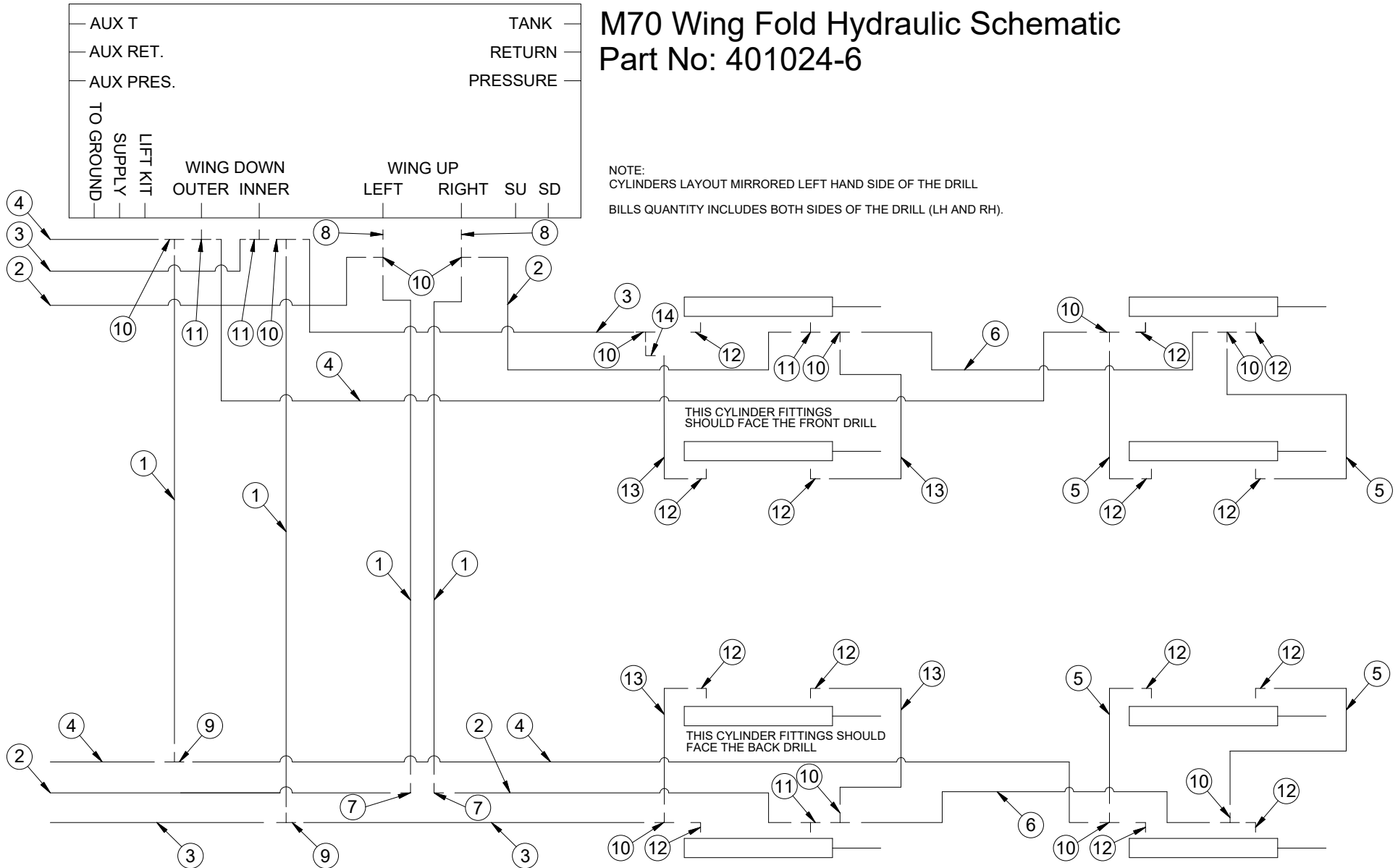


M70 Wing Fold

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).



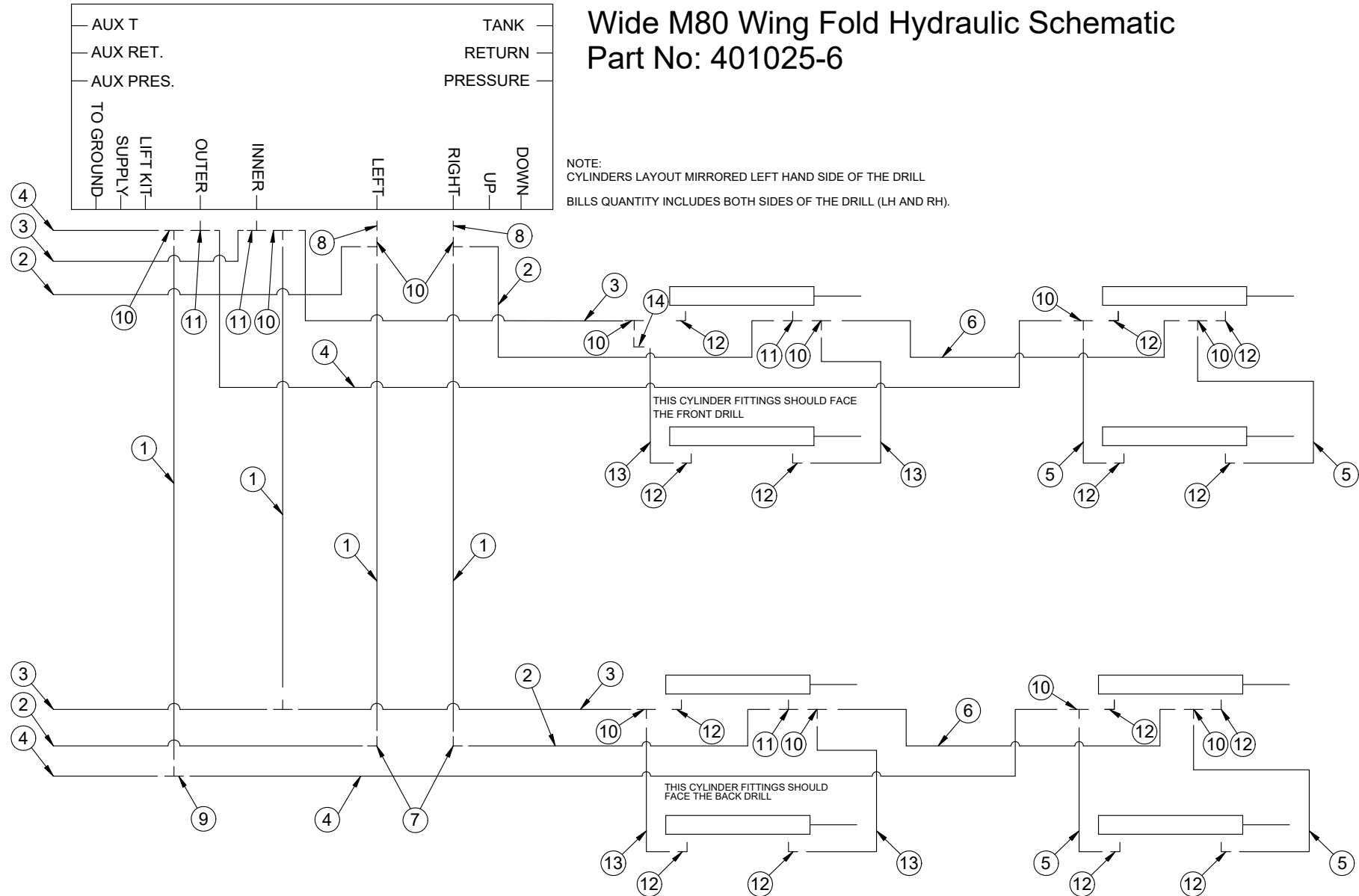
M70 Wing Fold

129

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

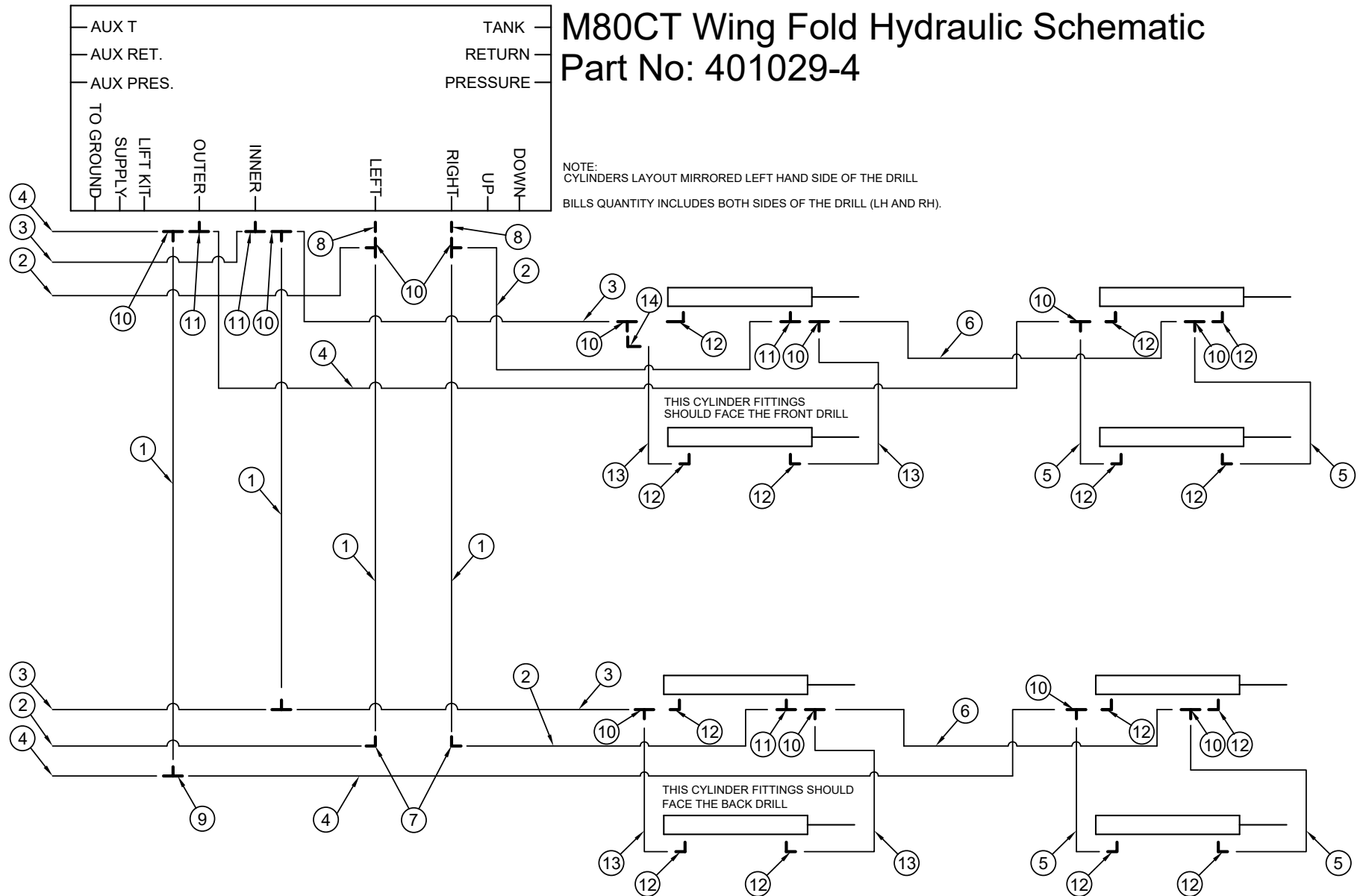
131

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

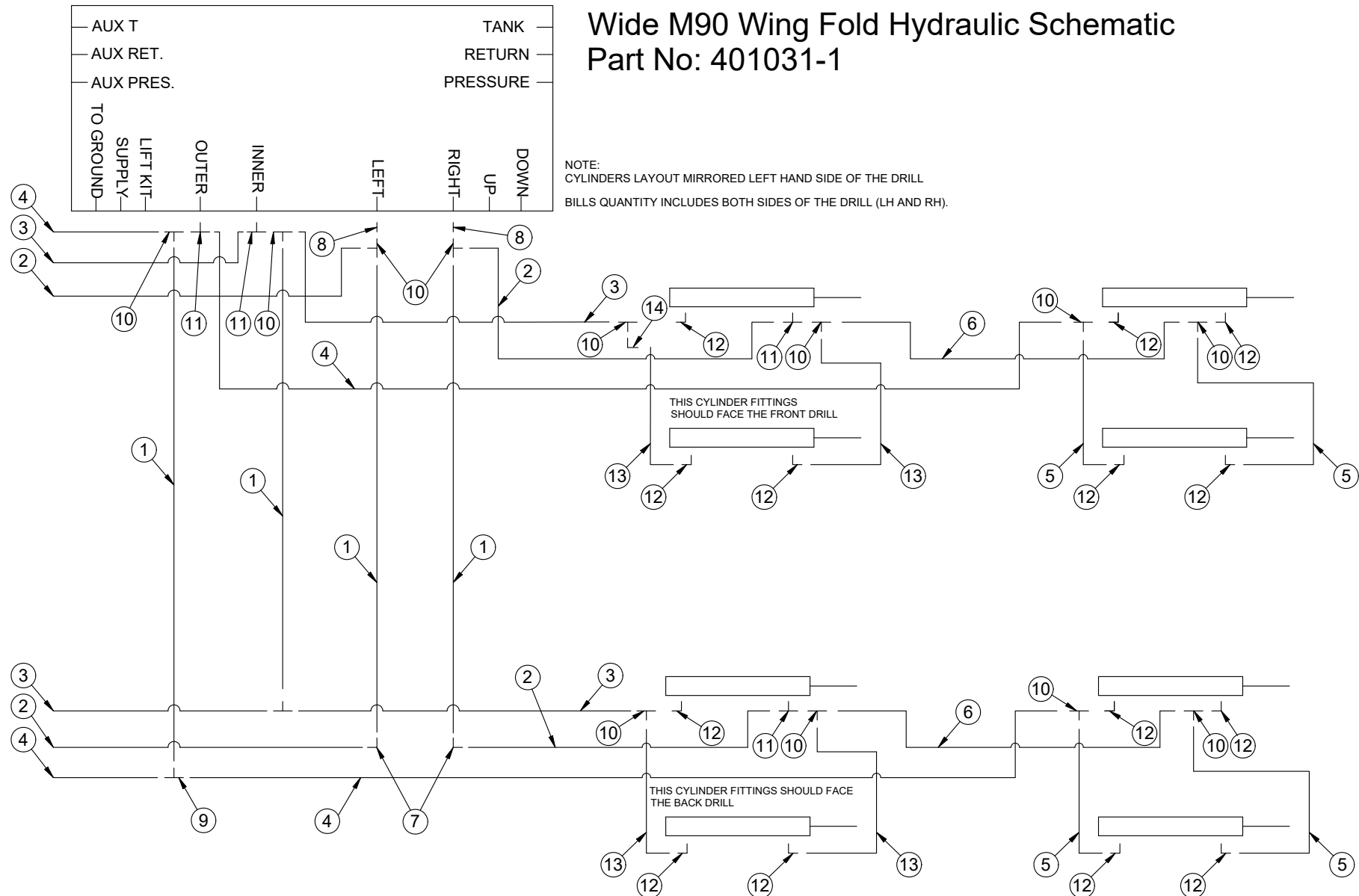
Part No: 401029-4



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

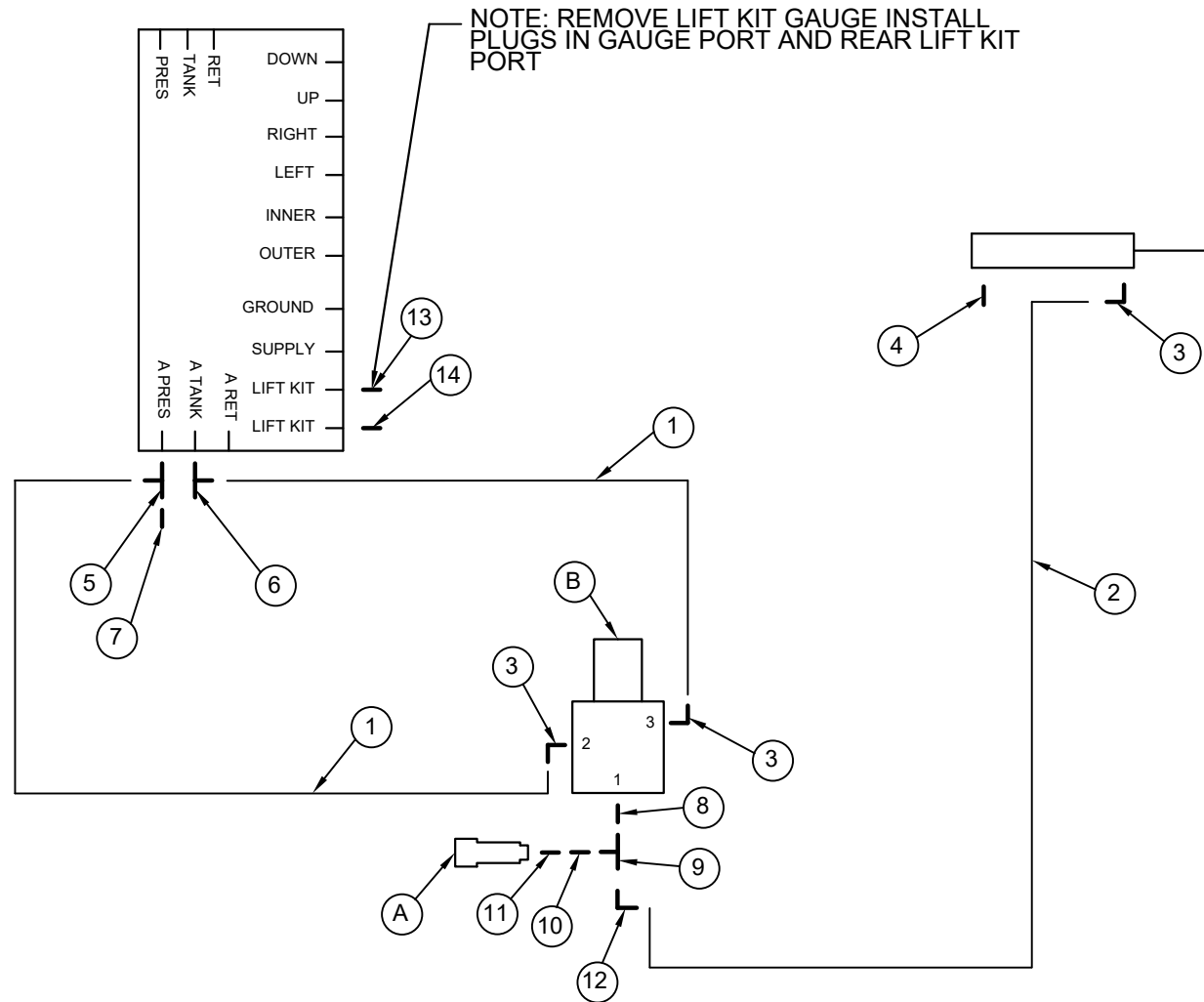


Hydraulic Schematic - Auto Lift Kit

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

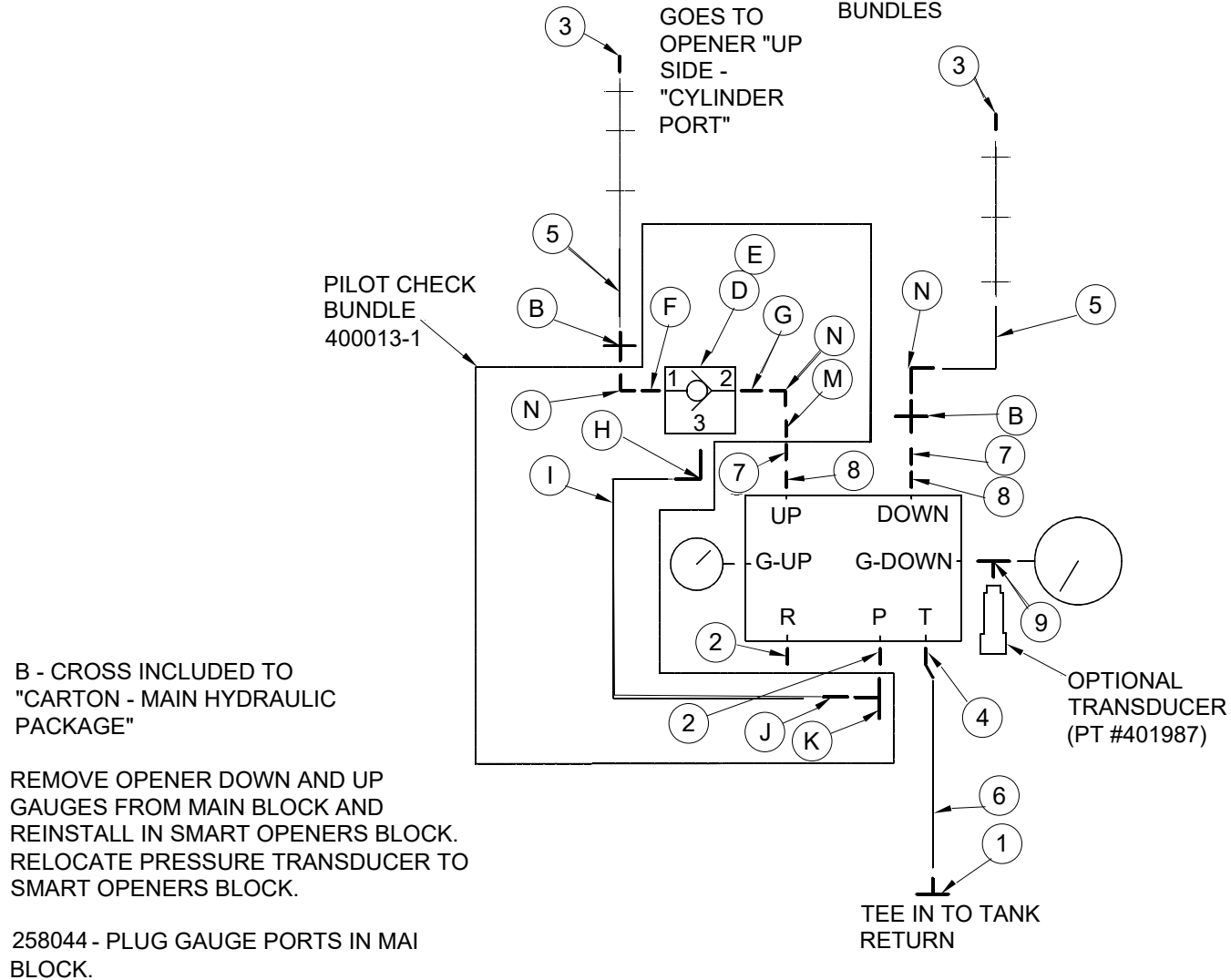


Hydraulic Schematic - Smart Openers Add-on

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

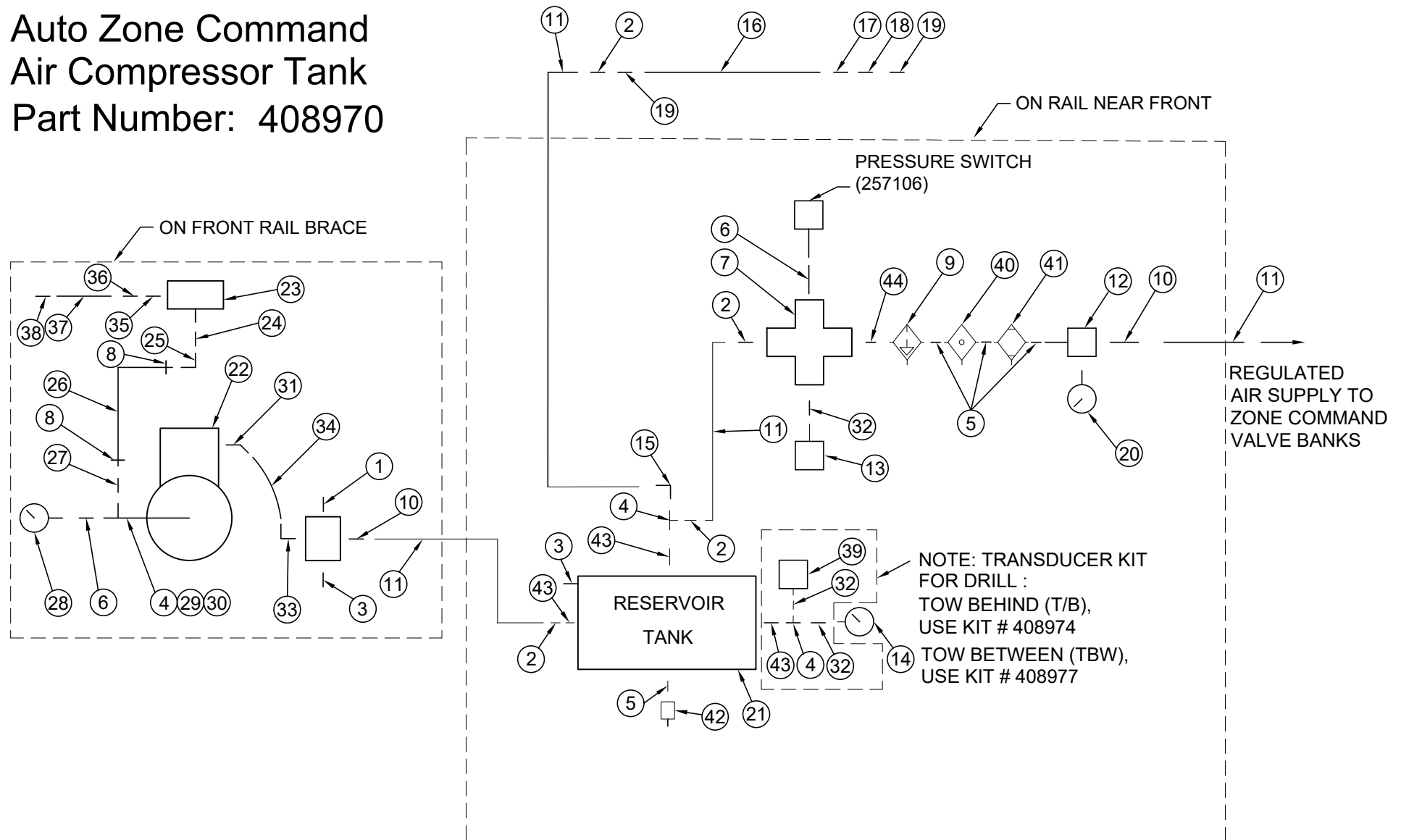
NOTE: INSTALL CAVITY PLUGS IN MAIN BLOCK
258307 CAVITY PLUG - C-10-4 CAVITY - OPENER MASTER
258306 CAVITY PLUG - SUN T-10A CAVITY - XFCA
ITEMS LABELLED WITH LETTERS ARE IN DIFFERENT BUNDLES



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

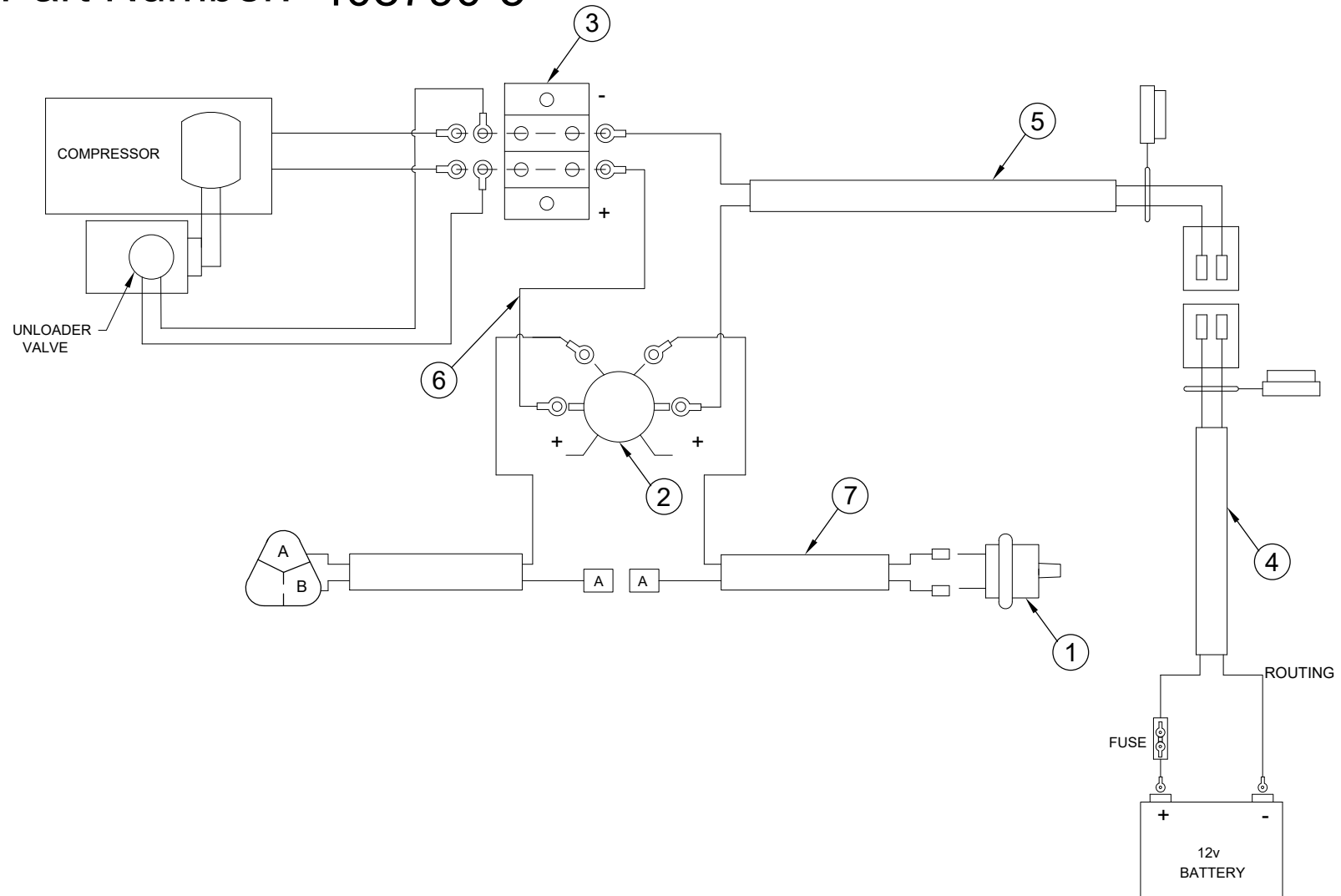


Electrical Schematic Air Compressor

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

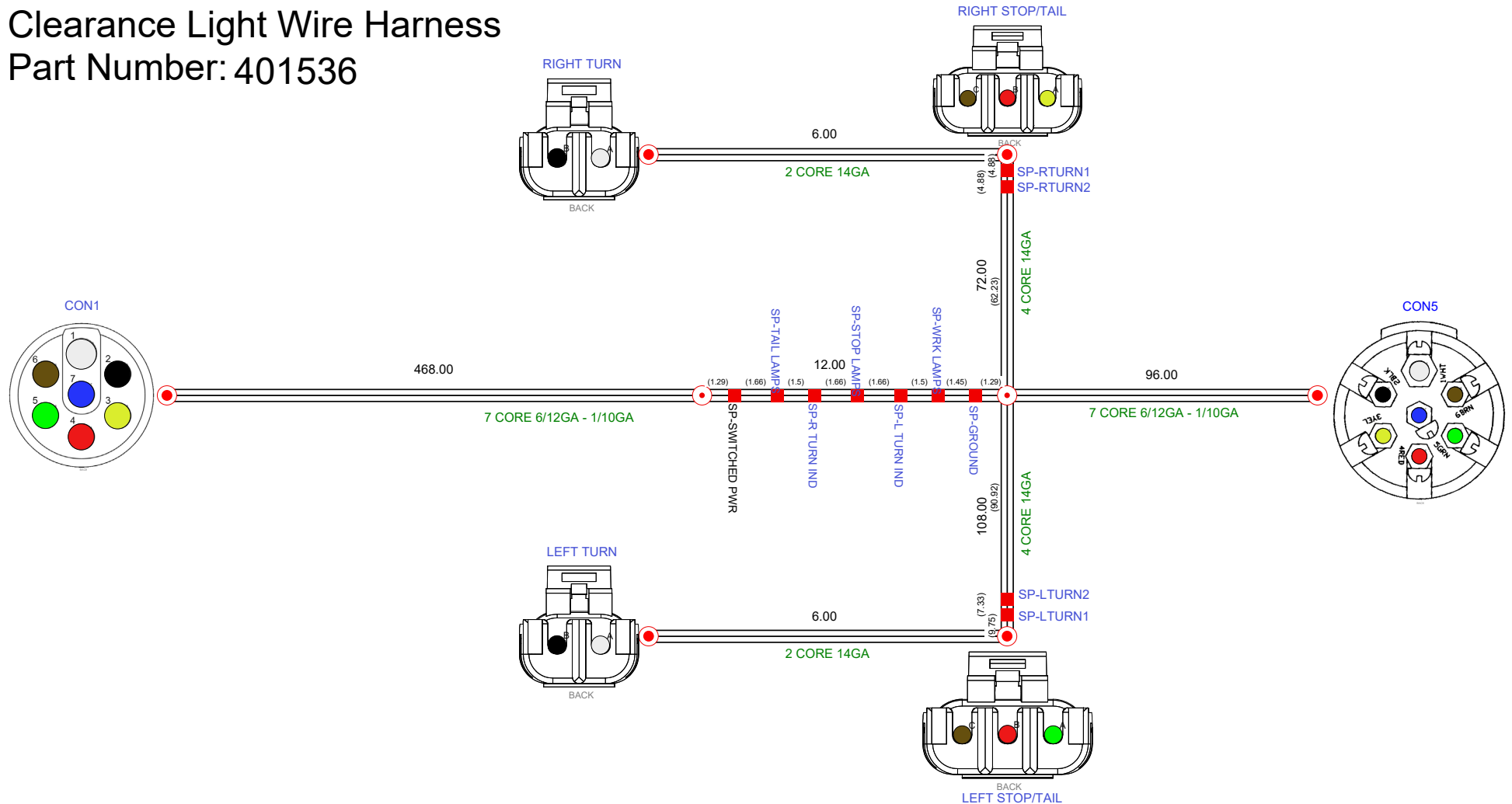


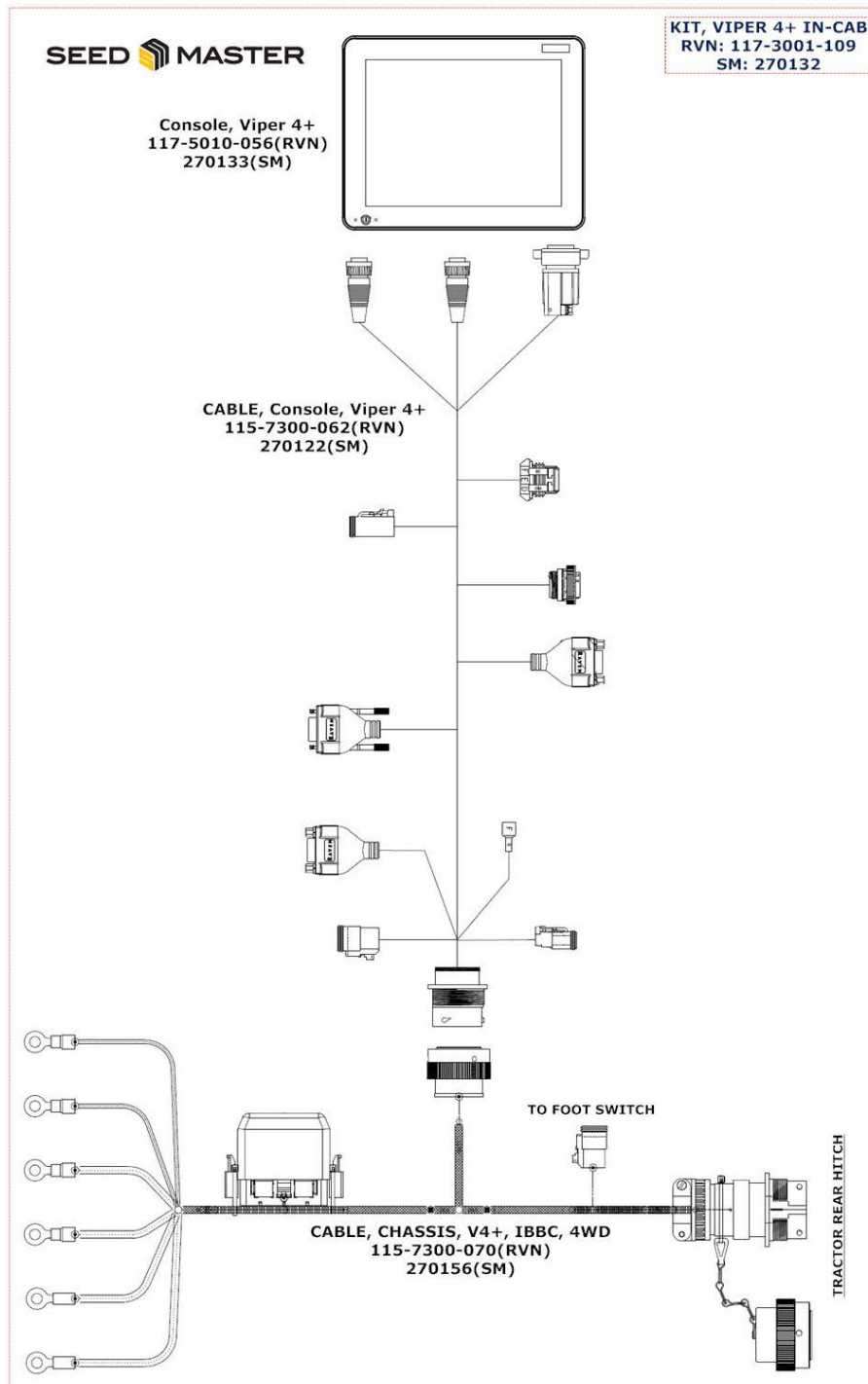
Wire Harness - Clearance Light

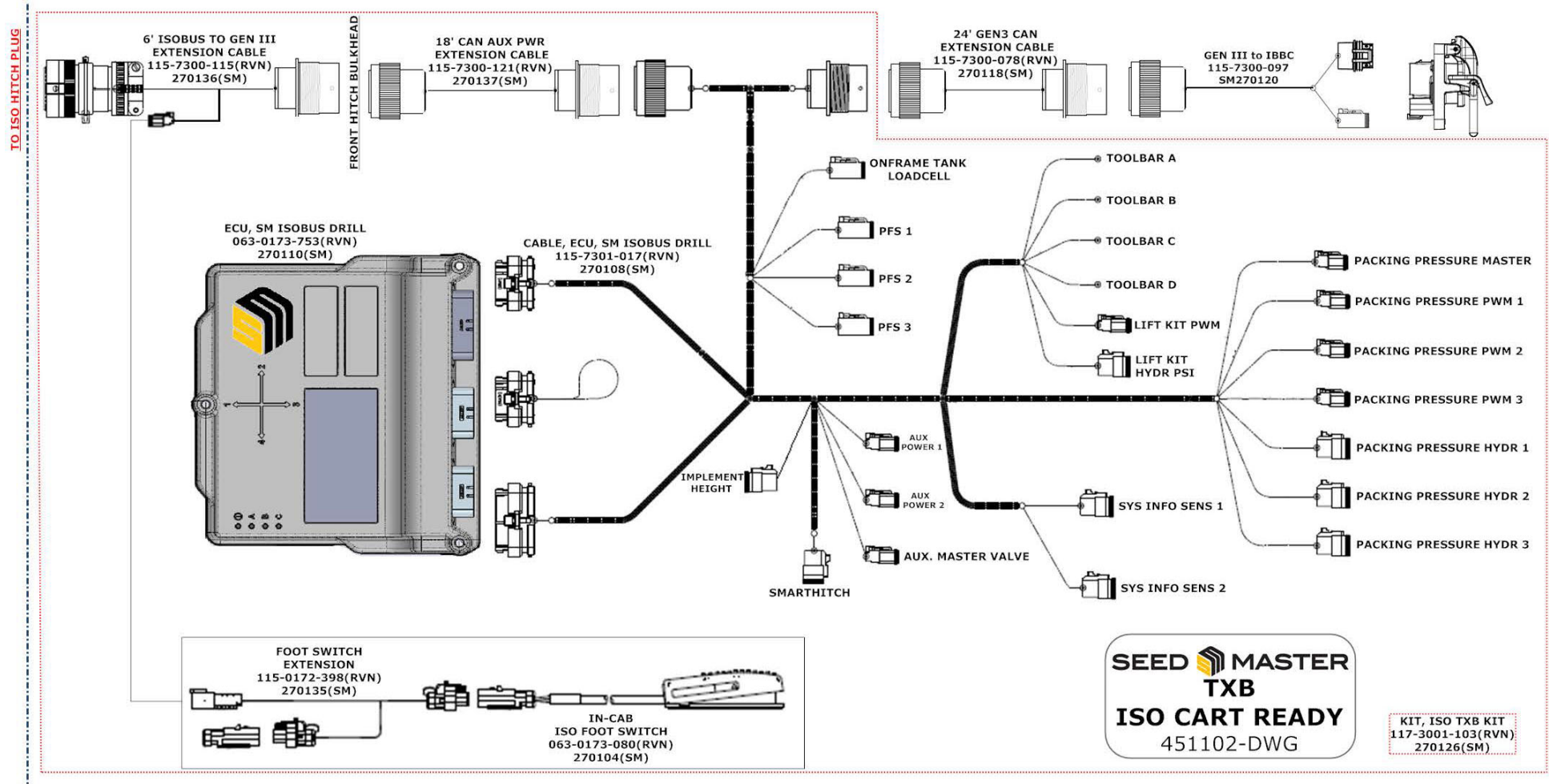
Item	Qty.	Part No.	Description	Item	Qty.	Part No.	Description
-	0	401536	ASSY, WIRE HARNESS - CLEARANCE LIGHT - TOOLBAR				

Clearance Light Wire Harness

Part Number: 401536

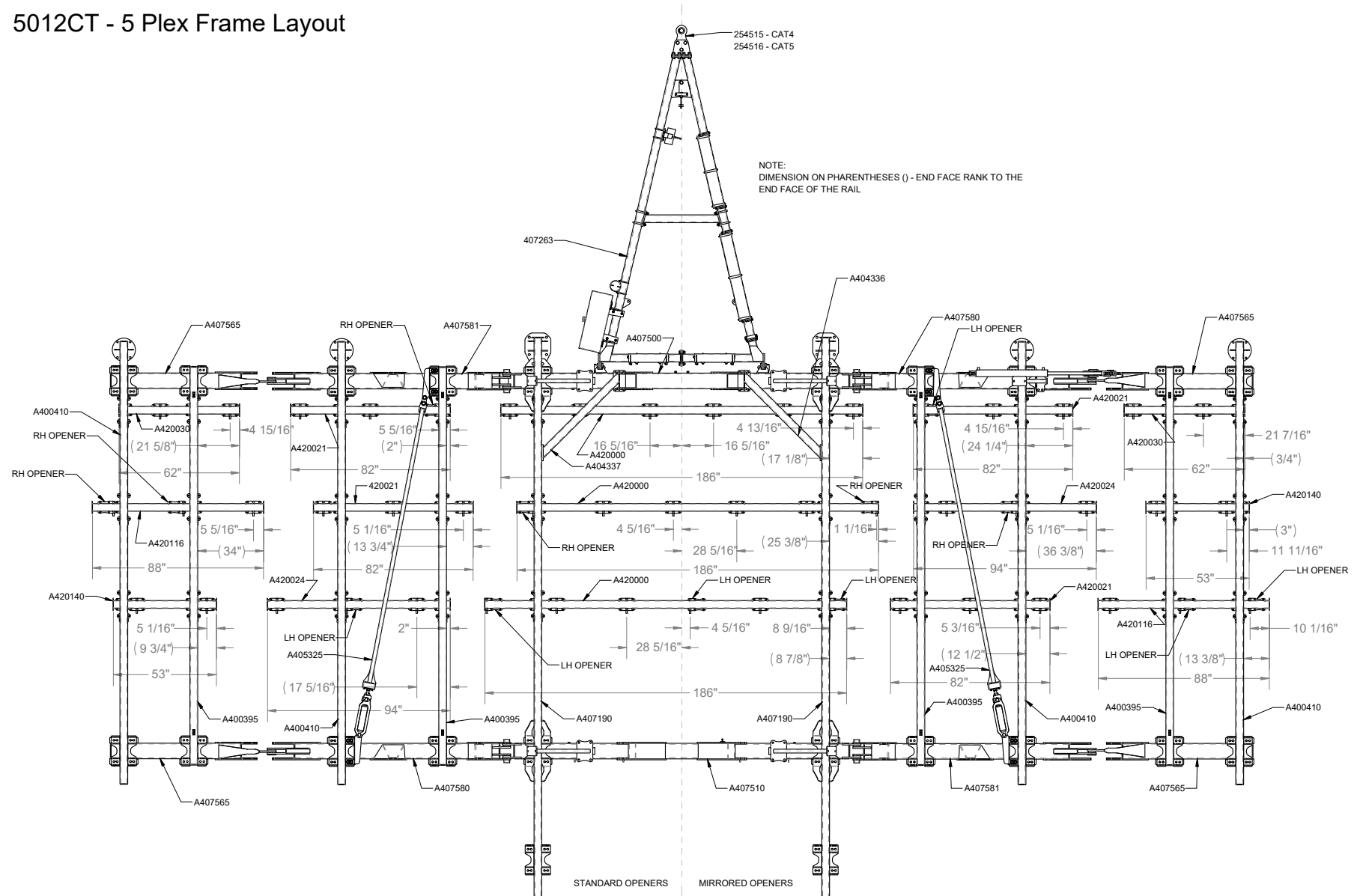








5012CT - 5 Plex Frame Layout

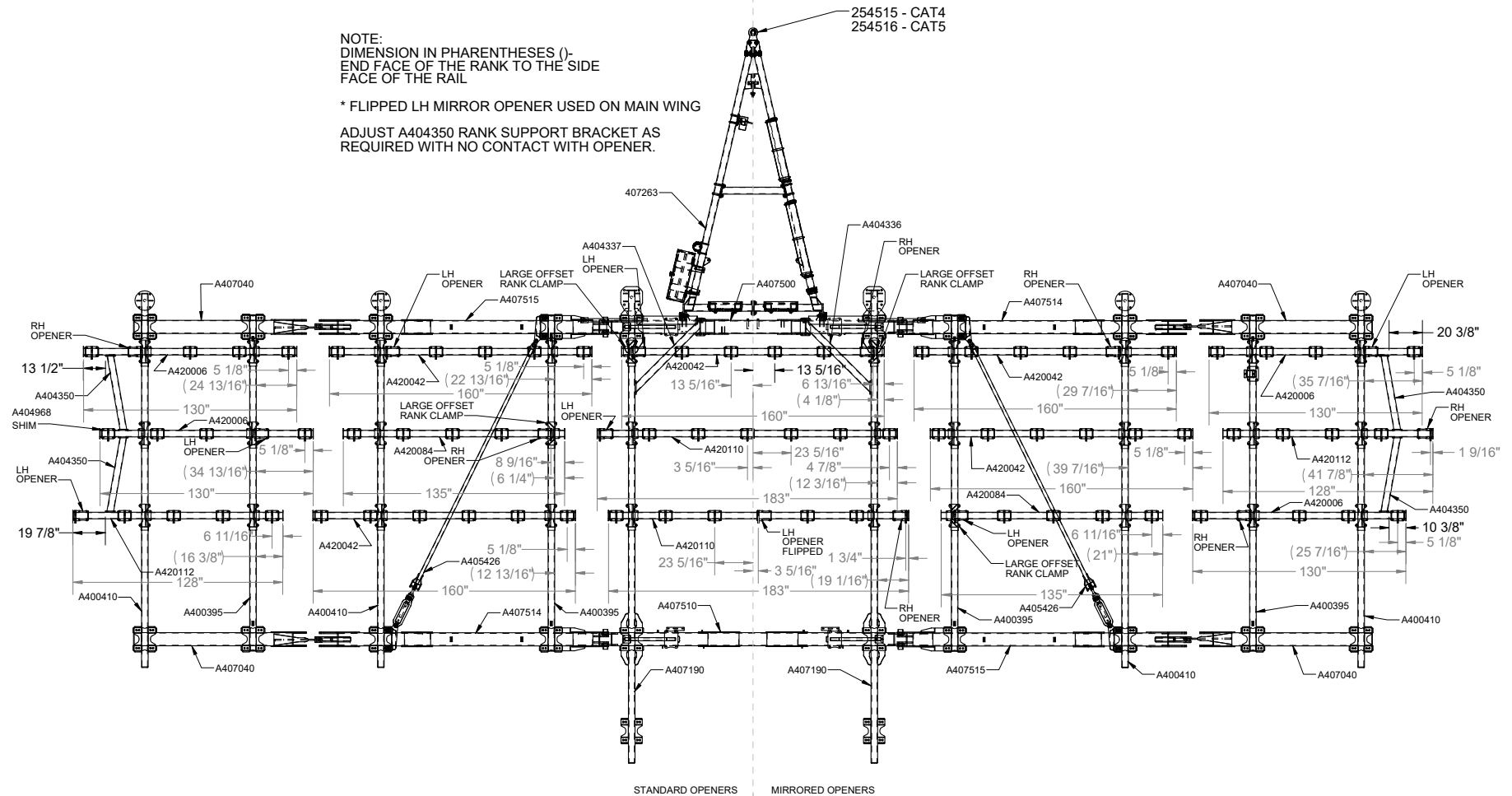


7010CT - 5 Plex Frame Layout

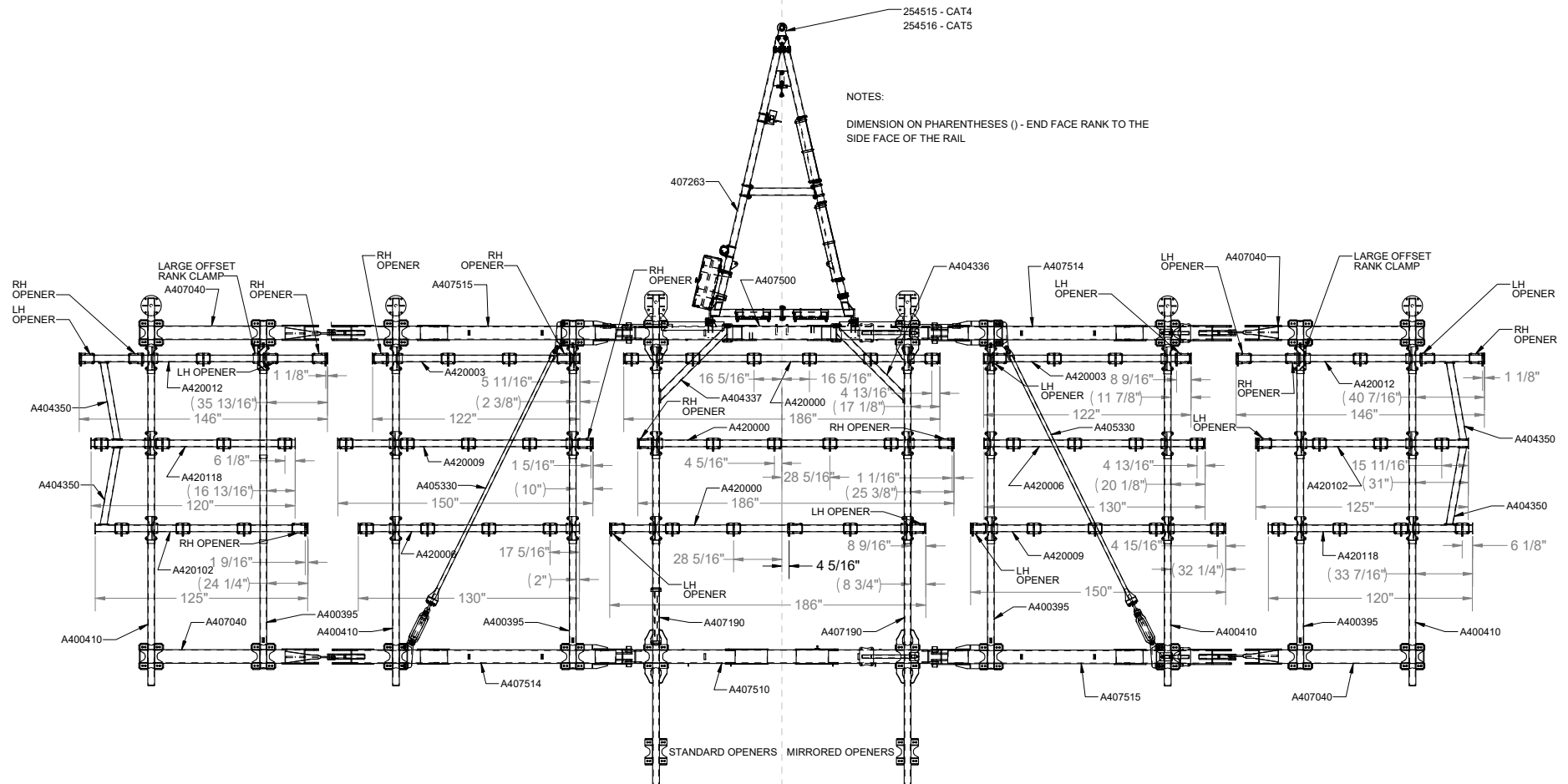
NOTE:
DIMENSION IN PHARENTHESES (-)
END FACE OF THE RANK TO THE SIDE
FACE OF THE RAIL

* FLIPPED LH MIRROR OPENER USED ON MAIN WING

ADJUST A404350 RANK SUPPORT BRACKET AS
REQUIRED WITH NO CONTACT WITH OPENER.



7012CT - 5 Plex Frame Layout



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



8015 Wide M - 5 Plex Frame Layout

