



2021
TOOLBAR
PARTS MANUAL

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Parts Description: Standard Opener

Part Number: 400050

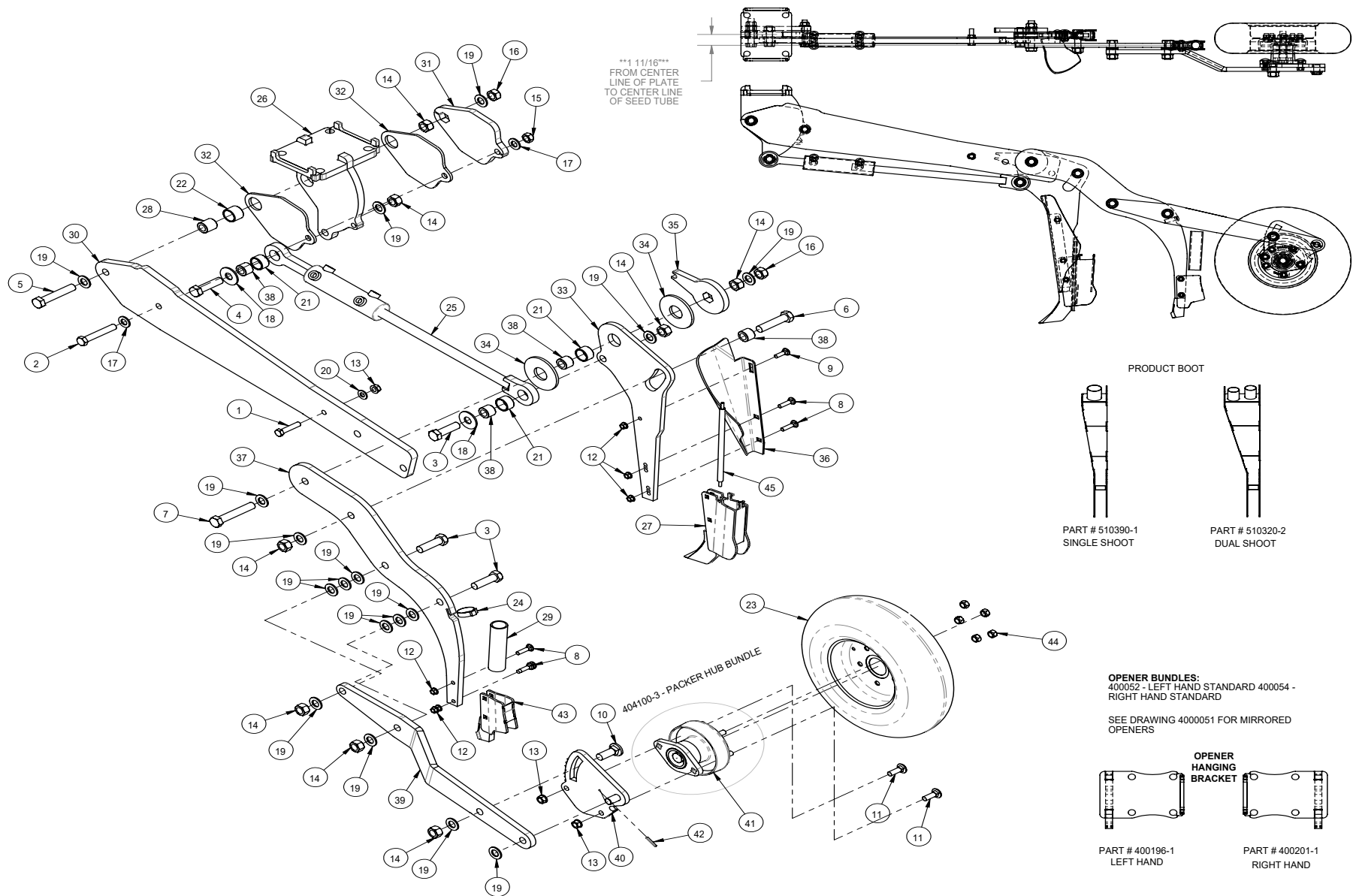
Used on Left Side of Toolbar

ITEM	QTY.	PART NO.	DESCRIPTION
1	1	250000	BOLT, HEX 1/2 X 2 1/4 IN GR5 PL
2	1	250002	BOLT, HEX 5/8 X 3 3/4 UNC GR8 PL
3	3	250003	BOLT, HEX 3/4 X 2 1/2 UNC GR5 PL
4	1	250004	BOLT, HEX 3/4 X 2 3/4 UNC GR5 PL
5	1	250025	BOLT, HEX 3/4 X 4 UNC GR5 PL
6	1	250026	BOLT, HEX 3/4 X 3 1/4 UNC GR5 PL
7	1	250049	BOLT, HEX 3/4 X 4 1/4 UNC GR5 PL
8	5	250100	BOLT, CARRIAGE - 3/8 X 1 1/2IN UND GR5 PL
9	1	250101	BOLT, CARRIAGE - 3/8 X 1 1/4 IN UNC GR5 PL
10	1	250102	BOLT, CARRIAGE - 3/4 X 2 IN UNC GR5 PL
11	2	250104	BOLT, CARRIAGE - 1/2 X 1 1/2IN UNC GR5 PL
12	6	250400	NUT, FLANGE - 3/8 UNC PL
13	3	250401	NUT, FLANGE - 1/2 UNC PL
14	8	250451	NUT, HEX 3/4 UNC GR5 PL
15	1	250500	NUT, LOCK 5/8 UNC - STOVER - PL
16	2	250501	NUT, LOCK - 3/4 UNC - STOVER - GR.C - PL
17	2	250550	WASHER, FLAT 5/8 IN GR8 PL
18	2	250551	WASHER, FLAT 3/4 IN PL
19	17	250552	WASHER, FLAT 3/4IN GR8 PL
20	1	250555	WASHER, FLAT - 1/2 IN - GR8 - PL
21	3	250601	BUSH, 1 1/2OD X 1 1/4ID X 7/8 IN - CONNEX
22	1	250604	BUSH, 1 1/2OD X 1 1/4ID X 1 1/8 IN - CONNEX
23	1	255082-1	ASSY, TIRE - OTICO - BLACK - 400 X 166MM
24	1	256603	CLAMP, GEAR - S/S - 1 IN - HAS-16
25	1	258500	CYL, HYD 1 3/4 X 4 IN - OPENER
26	1	400191-1	ASSY, HANGER - OPENER - CTR - YEL
27	1	400202	ASSY, FERT KNIFE - EXTENDED WEAR - BLK
28	1	400222	BUSH, PIVOT SPACER 1 1/4OD X .77ID X 1.25 IN
29	1	400229-1	HOSE, CONNECTOR - SEED KNIFE - 1 1/4 IN
30	1	400230-1	PLATE, ARM 3/4 IN - MAIN - YEL
31	1	400231-1	PLATE, CLAMP 5/8IN - UHMW HOLDER - YEL
32	2	400232	PAD, WEAR 1/4 IN - UHMW
33	1	400233-2	PLATE, FERT TRIP 1/2IN - YEL
34	2	400234-1	WASHER, TRIP 1/4 IN - UHMW
35	1	400235-2	PLATE, TRIP WASHER 5/8 IN - YEL
36	1	400236-4	SHEET, FRMD 10 GA - RESIDUE DEFLECTOR - STAINLESS
37	1	400237-3	PLATE, SEED KNIFE HOLDER - YEL
38	4	400241-2	BUSH, CYL SPACER 1.124 OD X .77ID X .9 IN
39	1	400266	PLATE, PACKER ARM 5/8 IN - FORMED - RH
40	1	400132	ASSY, PLATE, DEPTH ADJ 1/2 IN - OPENER - LH
41	1	404100-3	BDL, OPENER PACKER HUB ASSY
42	1	250607	PIN, SPRING - 3/16 X 1 1/4 IN
43	1	404170	ASSY, SEED KNIFE - DUAL PRODUCT - STD. - BLK
44	5	253037	NUT, WHEEL - 1/2"-20 UNF CONE - PACKER HUB
45	1	404140	BDL, LIQUID DROP TUBE

400185 (Opener Cylinder Hardware Bundle)

ITEM	QTY.	PART NO.	DESCRIPTION
3	1	250003	BOLT, HEX 3/4 X 2 1/2 UNC GR5 PL
4	1	250004	BOLT, HEX 3/4 X 2 3/4 UNC GR5 PL
14	2	250451	NUT, HEX 3/4 UNC GR5 PL
18	2	250551	WASHER, FLAT - 3/4 IN PL
19	2	250552	WASHER, FLAT 3/4IN GR8 PL
21	2	250601	BUSH, 1 1/2OD X 1 1/4ID X 7/8 IN - CONNEX
38	2	400241-2	BUSH, CYL SPACER 1.24OD X .77ID X .9IN - PLATE





Parts Description:

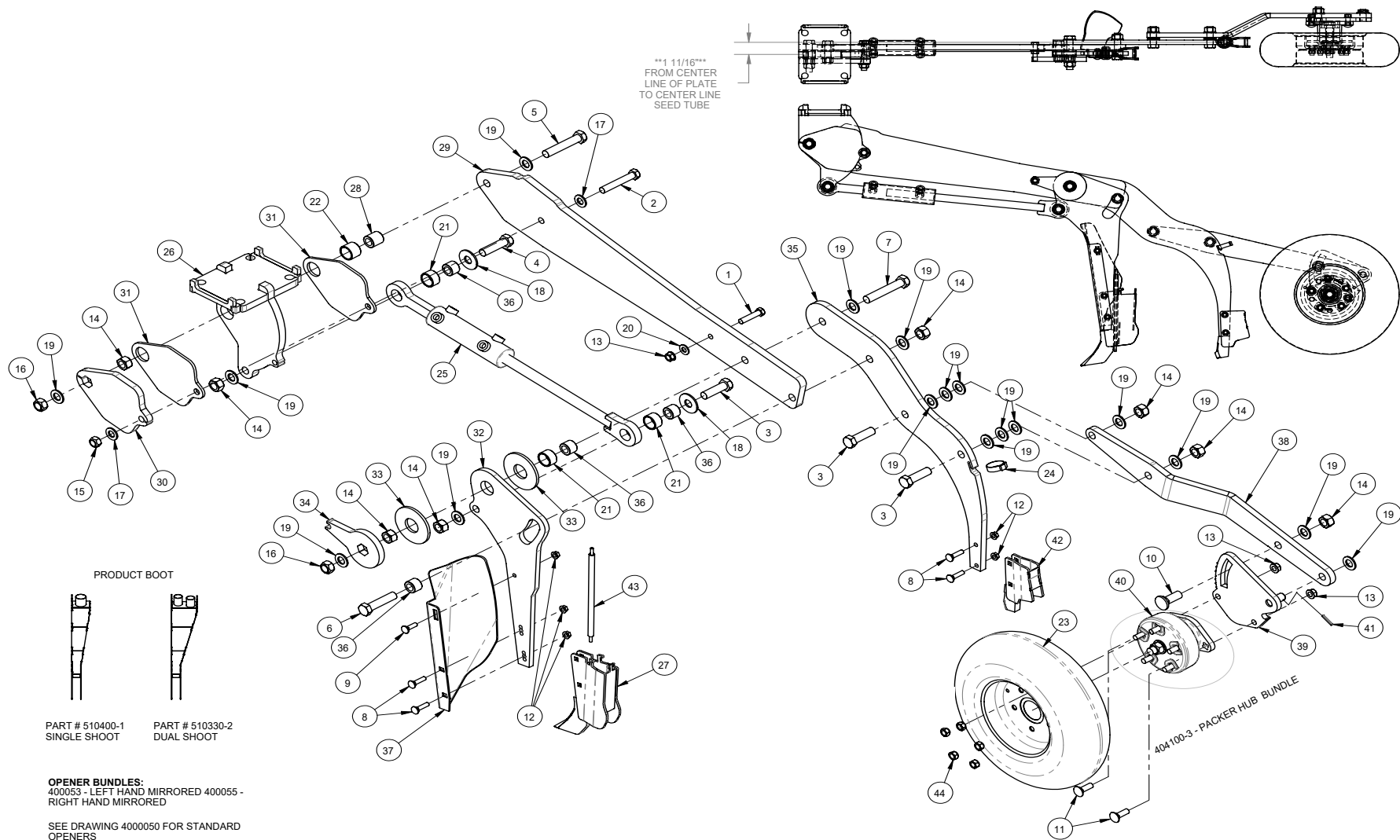
Mirrored Opener

Part Number: 400051

Used on Right Side of Toolbar

ITEM	QTY.	PART NO.	DESCRIPTION
1	1	250000	BOLT, HEX 1/2 X 2 1/4 IN GR5 PL
2	1	250002	BOLT, HEX 5/8 X 3 3/4 UNC GR8 PL
3	3	250003	BOLT, HEX 3/4 X 2 1/2 UNC GR5 PL
4	1	250004	BOLT, HEX 3/4 X 2 3/4 UNC GR5 PL
5	1	250025	BOLT, HEX 3/4 X 4 UNC GR5 PL
6	1	250026	BOLT, HEX 3/4 X 3 1/4 UNC GR5 PL
7	1	250049	BOLT, HEX 3/4 X 4 1/4 UNC GR5 PL
8	4	250100	BOLT, CARRIAGE - 3/8 X 1 1/2IN UND GR5 PL
9	1	250101	BOLT, CARRIAGE - 3/8 X 1 1/4 IN UNC GR5 PL
10	1	250102	BOLT, CARRIAGE - 3/4 X 2 IN UNC GR5 PL
11	2	250104	BOLT, CARRIAGE - 1/2 X 1 1/2IN UNC GR5 PL
12	5	250400	NUT, FLANGE - 3/8 UNC PL
13	3	250401	NUT, FLANGE - 1/2 UNC PL
14	8	250451	NUT, HEX 3/4 UNC GR5 PL
15	1	250500	NUT, LOCK 5/8 UNC - STOVER - PL
16	2	250501	NUT, LOCK - 3/4 UNC - STOVER - GR.C - PL
17	2	250550	WASHER, FLAT 5/8 IN GR8 PL
18	2	250551	WASHER, FLAT 3/4 IN PL
19	17	250552	WASHER, FLAT 3/4IN GR8 PL
20	1	250555	WASHER, FLAT - 1/2 IN - GR8 - PL
21	3	250601	BUSH, 1 1/2OD X 1 1/4ID X 7/8 IN - CONNEX
22	1	250604	BUSH, 1 1/2OD X 1 1/4ID X 1 1/8 IN - CONNEX
23	1	255082-1	ASSY, TIRE - OTICO - BLACK - 400 X 166MM
24	1	256603	CLAMP, GEAR - S/S - 1 IN - HAS-16
25	1	258500	CYL, HYD 1 3/4 X 4 IN - OPENER
26	1	400191-1	ASSY, HANGER - OPENER - CTR - YEL
27	1	400202	ASSY, FERT KNIFE - EXTENDED WEAR - BLK
28	1	400222	BUSH, PIVOT SPACER 1 1/4OD X .77ID X 1.25 IN
29	1	400230-1	PLATE, ARM 3/4 IN - MAIN - YEL
30	1	400231-1	PLATE, CLAMP 5/8IN - UHMW HOLDER - YEL
31	2	400232	PAD, WEAR 1/4 IN - UHMW
32	1	400233-2	PLATE, FERT TRIP 1/2IN - YEL
33	2	400234-1	WASHER, TRIP 1/4 IN - UHMW
34	1	400235-2	PLATE, TRIP WASHER 5/8 IN - YEL
35	1	400237-3	PLATE, SEED KNIFE HOLDER - YEL
36	4	400241-2	BUSH, CYL SPACER 1.124 OD X .77ID X .9 IN
37	1	400246	PLATE, FRMD 10GA S.S. - DEFLECTOR MIRROR
38	1	400366	PLATE, PACKER ARM 5/8 IN - FORMED - RH
39	1	400133	ASS'Y, QUICK DEPTH ADJUSTMENT - RH
40	1	404100-3	BDL, OPENER PACKER HUB ASSY
41	1	250607	PIN, SPRING - 3/16 X 1 1/4 IN
42	1	404171	ASSY, SEED KNIFE - DUAL SEED HOSE - LH - BLK
43	1	404140	BDL, LIQUID DROP TUBE
44	5	253037	NUT, WHEEL - 1/2"-20 UNF CONE - PACKER HUB

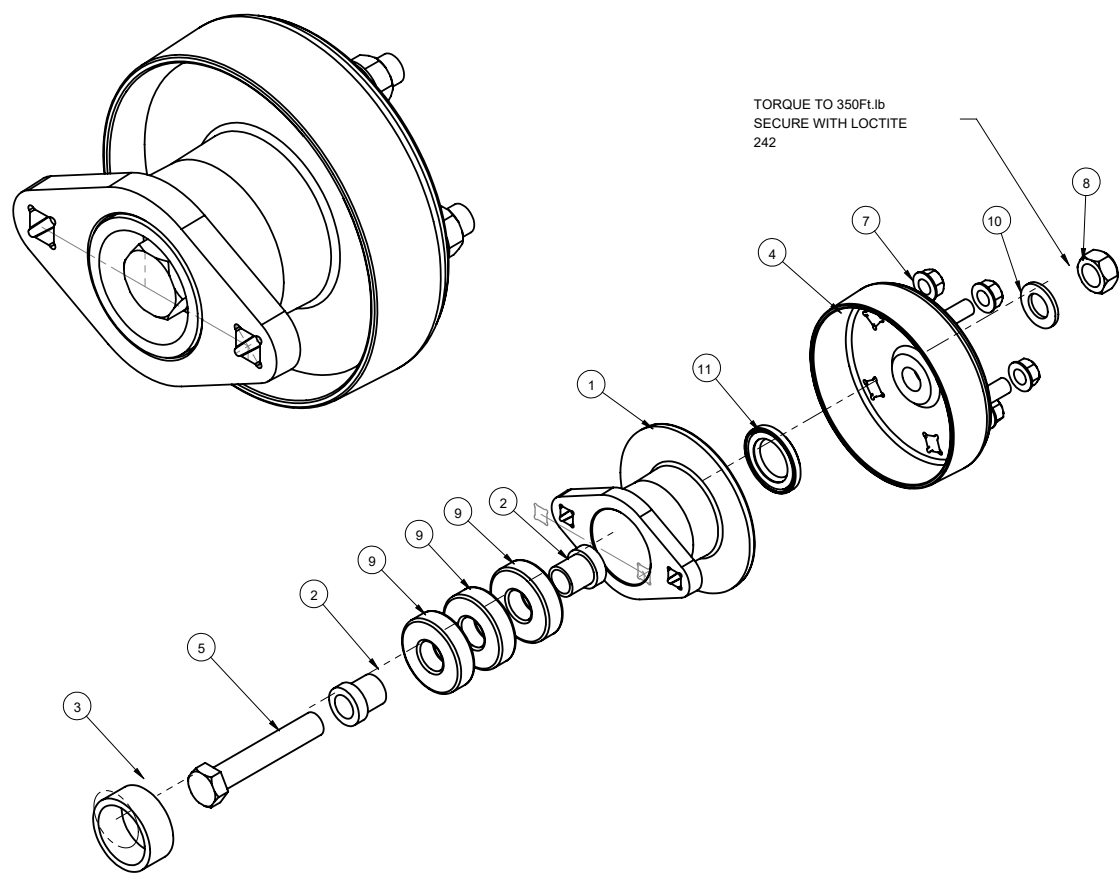




Parts Description:

Packer Hub Bundle

Part Number: 404100-3

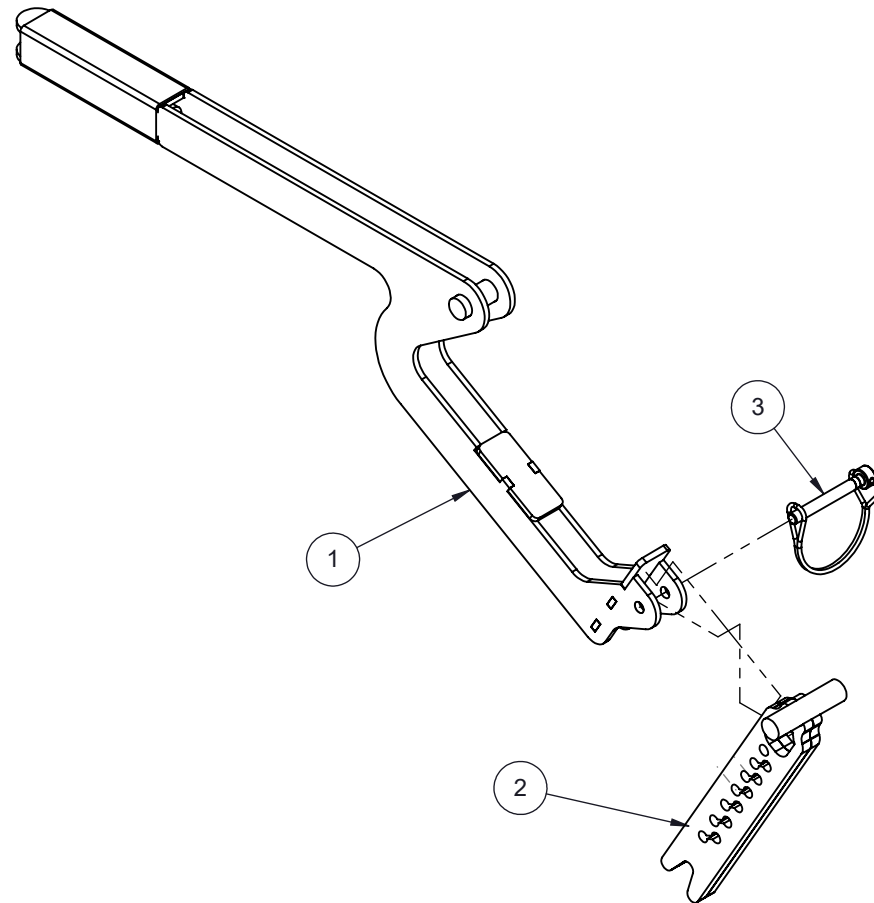


ITEM	PART NO.	QTY.	DESCRIPTION
1	404115	1	HUB, PACKER WHEEL - CASTING
2	404104-1	2	BUSH, SPACER - INNER - PACKER HUB
3	404105-1	1	BUSH, SPACER - OUTER - PACKER HUB
4	404120-1	1	CASTING, WHEEL PLATE - OPENER ASSEMBLY - YEL
5	250049	1	BOLT, HEX 3/4 X 4 1/4 UNC GR5 PL
6	250105	5	BOLT, CARRIAGE - 1/2 X 1 1/4IN UNC GR5 PL
7	250401	5	NUT, FLANGE - 1/2 UNC PL
8	250501	1	NUT, LOCK - 3/4 UNC - STOVER - GR.C - PL
9	250727	3	BEARING, BALL - 6305-2RLYD - PEER
10	250552	1	WASHER, FLAT 3/4IN GR8 PL
11	253043	1	SEAL, GREASE - HUB - OPENER PACKER HUB

Parts Description: Depth Adjustment Tool

Part Number: 400146

ITEM	QTY.	PART NO.	DESCRIPTION
1	1	400135-1	ASSY, HANDLE - QUICK DEPT ADJUSTMENT TOOL - BLK
2	1	400145-1	ASSY, DEPTH GAUGE - QDA - STAINLESS
3	1	250594	PIN, QUICK/LOCK - 1/4 X 1 3/4 IN EFF - ROUND
4	1	250833	GRIP, NON-SLIP - HEAT SHRINK TUBING - 1 1/2 IN - BLK



Parts Description:

Front Hitch Bundle

Part Number: 404275-3 – Standard Hitch
407250-3 – M-Fold Hitch

ITEM	QTY.	PART NO.	DESCRIPTION
1	4	250003	BOLT, HEX 3/4 X 2 1/2 UNC GR5 PL
2	8	250007	BOLT, HEX 7/8 X 2 1/2 UNC GR5 PL
3	2	250032	BOLT, HEX 1 X 4 IN UNC GR5 PL
4	1	250050	BOLT, HEX 1/2 X 3 1/2 IN UNC GR5 PL
5	2	250577	BOLT, HEX 1/2 X 4 IN UNC GR5 PL
6	12	250106	BOLT, CARRIAGE - 5/16 X 3/4 IN UNC GR5 PL
7	4	250201	BOLT, U-SQ - 3/4 UNC X 4 ID X 6 IN - 2 IN THD - GR5 PL
8	8	250208	BOLT, U-SQ - 1/2 UNC X 4 ID X 5 IN - 2 IN THD - GR8 PL
9	8	250401	NUT, FLANGE - 1/2 UNC PL
10	12	250403	NUT, FLANGE - 5/16 UNC PL
11	8	250450	NUT, HEX 1/2 UNC GR5 PL
12	12	250451	NUT, HEX 3/4 UNC GR5 PL
13	8	250452	NUT, HEX - 7/8 UNC PL
14	2	250457	NUT, HEX 1 UNC GR5 PL
15	3	250504	NUT, LOCK - 1/2 UNC - STOVER - PL
16	12	250552	WASHER, FLAT 3/4IN GR8 PL
17	8	250553	WASHER, FLAT 7/8IN GR8 PL
18	2	250554	WASHER, FLAT - 1 IN GR8 PL
19	4	250556	WASHER, FLAT - 1/2 IN - PL
20	1	254503	HITCH JACK - 5000 LB - SIDE WIND - W/OUTER BUSHING
21	1	254552	SAFETY CHAIN, GR70 X 6 FT - 41000LB
22	1	400319-1	BDL, HOSE HOLDER - FRT HITCH
23	1	400725	ASSY, HINGE PIN - SEED MASTER - BLK
24	2	400737	ASSY, HINGE PIN - GREASED - PLATE
25	2	407251-1	ASSY, SIDE A-FRAME SMART HITCH
26	1	404285	ASSY, FRT TONGUE - SMART HITCH
27	1	407255	CROSS TUBE ASSY.
28	1	404295-1	ASSY, FRONT PIVOT PLATE - SMART HITCH - YEL
29	1	404300	ADJUSTABLE JACK PLATE
30	4	404312	PLATE, 1/4 IN HOSE HOLDER U-BOLT TAB
31	1	407271-2	SHEET, 12 GA FRMD BACK HOSE HOLDER - OPEN - BLK
32	6	407272	SHEET, FRMD 12 GA - HOSE HOLDER STRAP - BLK
33	1	401685	BDL, ELEC CONNECT HOUSING - FRONT HITCH
34	1	407270-2	SHEET, 12 GA FRMD HOSE HOLDER - OPEN
35	6	250533	CLAMP, LOOP - 1 1/2 INSULATED
36	1	401775	BDL, ELEC CONNECT HOUSING - FRONT HITCH
37	2	250612	BUSH, 2 1/2OD X 2ID X 1 1/2 IN - CONNEX
38	2	250730	GREASE FITTING - 90 DEG - 1/8 NPT
39	1	403130	BDL, TOOLBOX - DRILL, MOUNTED
40	2	250224	BOLT, U-SQ - 3/8 UNC X 4 ID X 5 IN - 2 IN THD - GR8 PL
41	4	250400	NUT, FLANGE - 3/8 UNC PL
42	1	250699	MANUAL HOLDER TUBE
43	1	403140	SHEET, FRMD, 10 GA - MANUAL HOLDER BRACKET - BLK

STANDARD HITCH - PART #404275-3 (SUBSTITUTE ITEMS BELOW)

ITEM	QTY.	PART NO.	DESCRIPTION
25	2	404276-1	ASSY, SIDE A-FRAME SMART HITCH
27	1	404290	ASSY, MIDDLE CROSS TUBE - SMART HITCH
ELEC CONNECT HOUSING BUNDLE - PART #401685			
ITEM	QTY.	PART NO.	DESCRIPTION
1	1	401693-1	ASSY, ELEC CONNECT HOUSING - BACK PANEL - BLK
2	1	401694	ASSY, ELEC CONNECT HOUSING - FRONT PANEL - BLK
3	2	250036	BOLT, HEX 3/8 X 1 IN GR5 PL
4	2	250503	NUT, LOCK - 3/8 UNC - STOVER - PL
5	6	250557	WASHER, FLAT - 3/8 IN GR8 PL
6	1	250597	PIN, QUICK/LINCH - 1/8 X 1IN EFF.
7	2	250208	BOLT, U-SQ - 1/2 UNC X 4 ID X 5 IN - 2 IN THD - GR8 PL
8	5	250401	NUT, FLANGE - 1/2 UNC PL

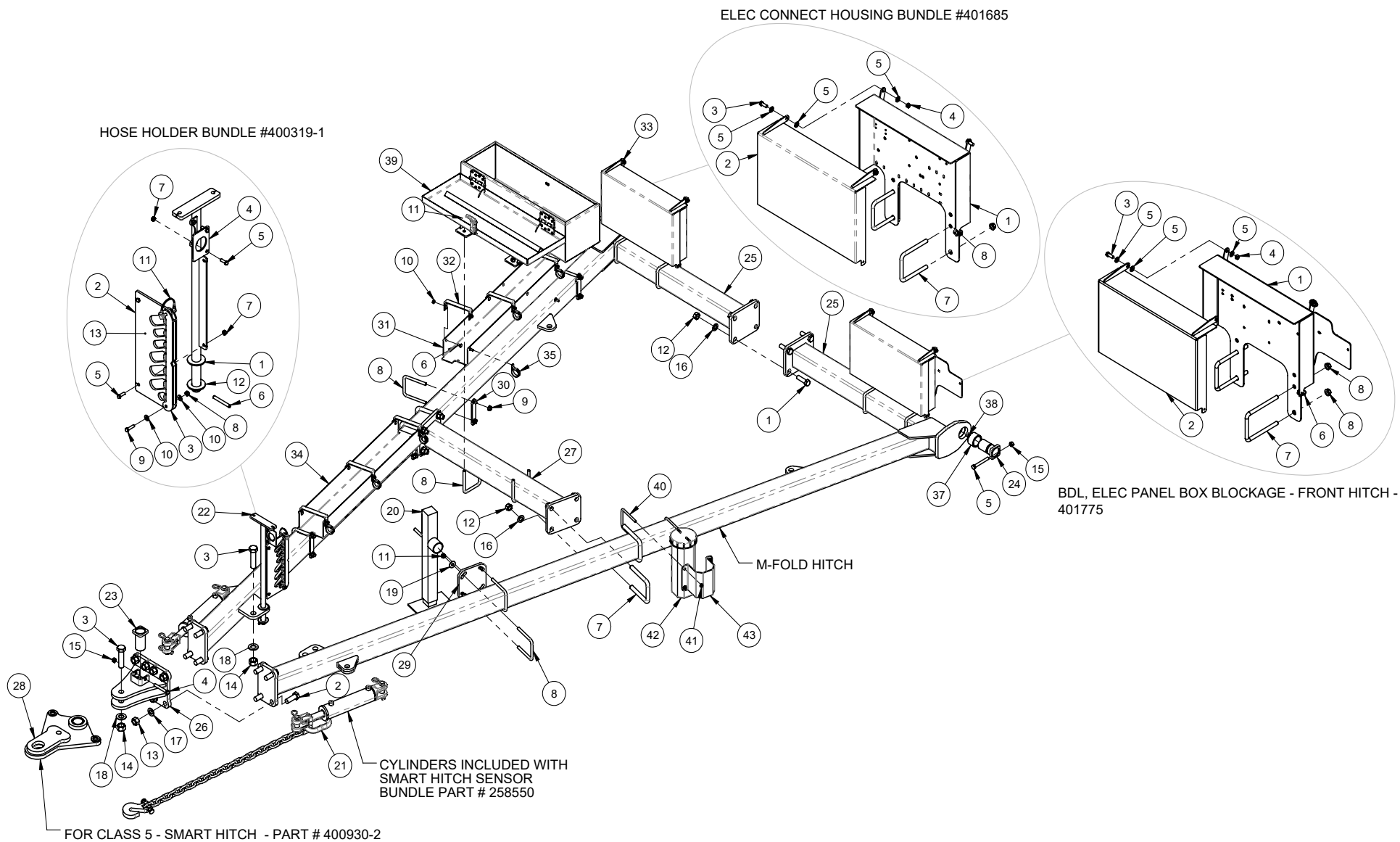
HOSE HOLDER BUNDLE - PART #400319-1

ITEM	QTY.	PART NO.	DESCRIPTION
1	1	400320-4	ASSY, HOSE HOLDER - FRT HITCH - BLK
2	1	400421	PLATE, 1/4 IN - HOSE HOLDER - BLK
3	1	400327	ASSY, LOCK BAR - HOSE HOLDER - BLK
4	1	400422	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
13	1	259116	DECAL, HOSE HOLDER - FRT HITCH

ELEC PANEL BOX BLOCKAGE FRONT HITCH - PART #401775

ITEM	QTY.	PART NO.	DESCRIPTION
1	1	401772	ASSY, FRONT HITCH - BACK PANEL XEEDGATE - BLK
2	1	401694	ASSY, ELEC CONNECT HOUSING - FRONT PANEL - BLK
3	2	250036	BOLT, HEX 3/8 X 1 IN GR5 PL
4	2	250503	NUT, LOCK - 3/8 UNC - STOVER - PL
5	6	250557	WASHER, FLAT - 3/8 IN GR8 PL
6	1	250597	PIN, QUICK/LINCH - 1/8 X 1IN EFF.
7	2	250223	BOLT, U-SQ - 1/2 UNC X 4 ID X 6 IN - 2 IN THD - GR5 PL
8	4	250401	NUT, FLANGE - 1/2 UNC PL





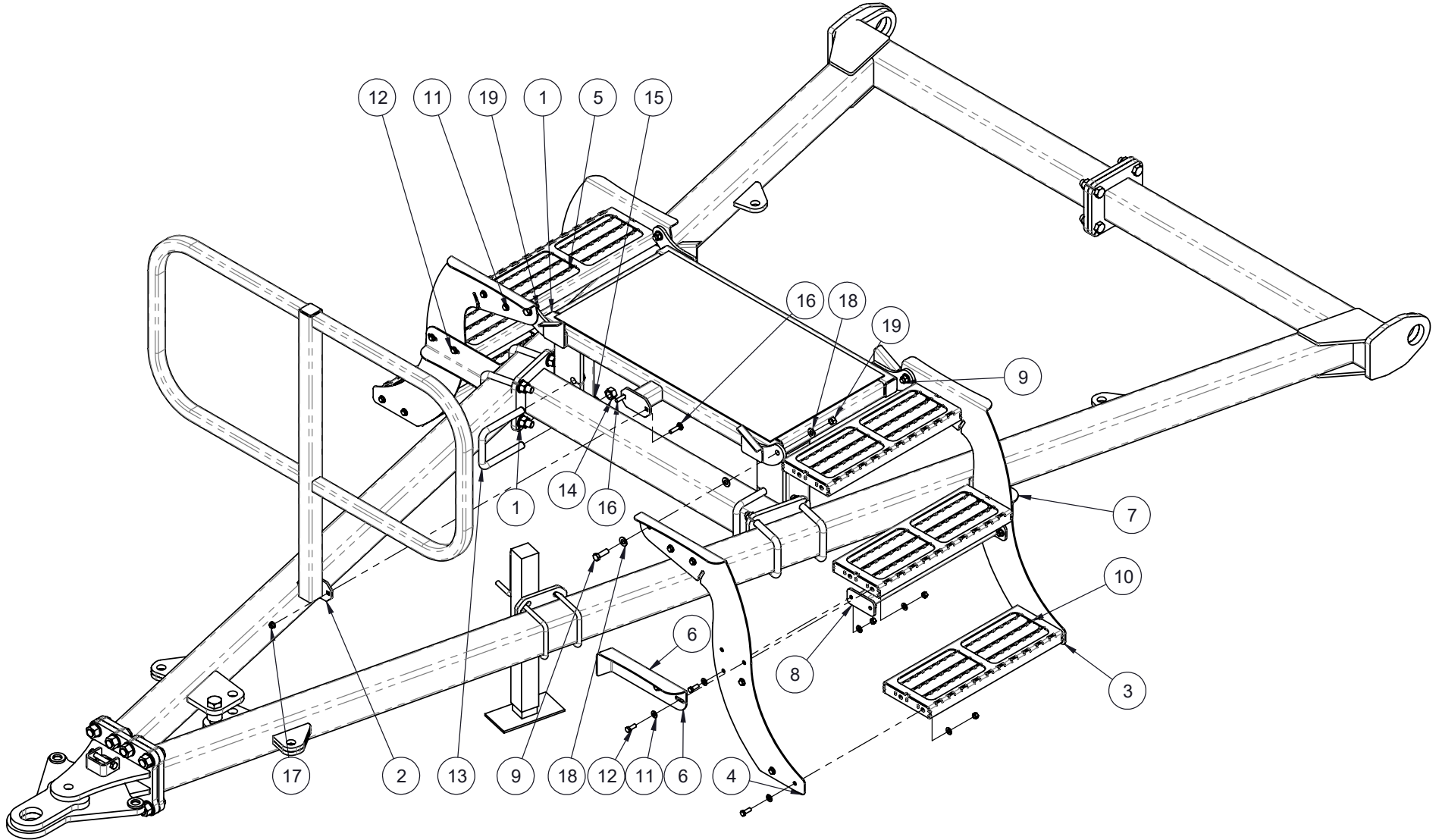
Parts Description:

Front Hitch Walkway

Part Number: 400146

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



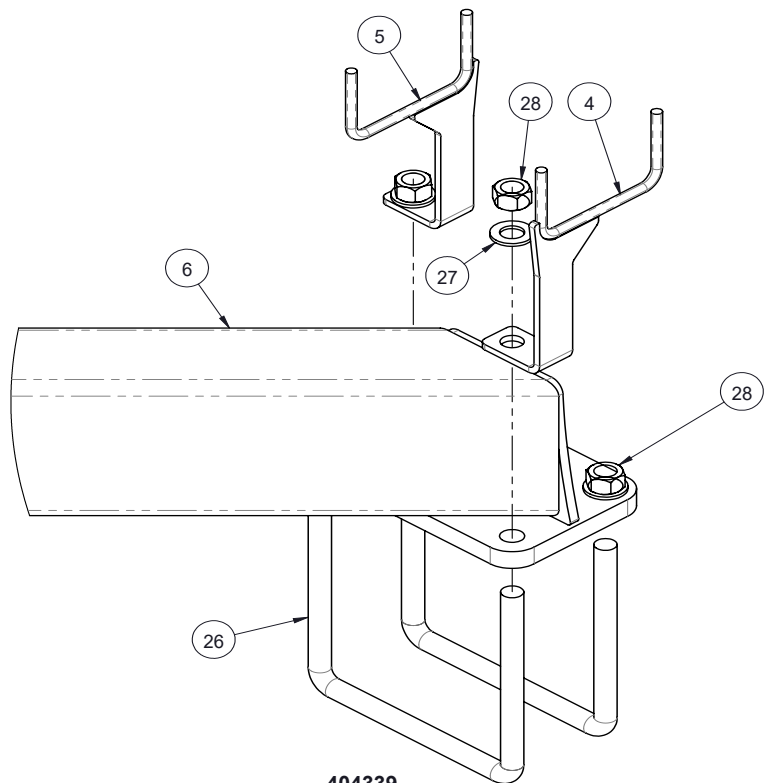


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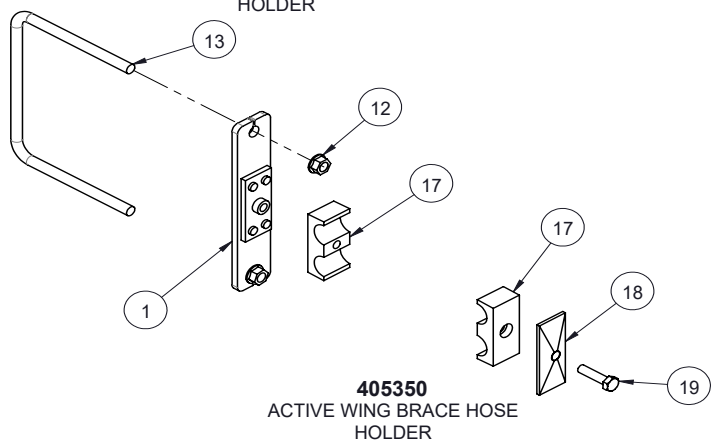
Frame Hose Holders

ITEM	QTY.	PART NO.	DESCRIPTION
1	1	405348	WELD, ACT WING BRACE HYD HOSE MNT - BLK
2	1	405353	WELD, BRIDAL WING BRACE HYD HOSE MNT
3	1	405362	WELD, BOLT ON WIRE LOOPS - XEED - BLK
4	1	405358	WELD, FR BEAM HOSE GUIDE - LEFT - BLK
5	1	405360	WELD, FR BEAM INSIDE HOSE GUIDE
6	1	404336	ASSY, FRAME ANGLE BRKT - RH - M80 BLK
7	1	405365	WELD, BOLT ON TRIPLE WIRE HOLDER - VERT
8	1	400324-2	SHEET, 10 GA - TOP CLAMP - HOSE
9	1	407267	PLATE, HOSE SUPPORTS 1/4 IN
10	1	404312	PLATE, 1/4 IN HOSE HOLDER U-BOLT TAB
11	1	250249	BOLT, U-SQ - 3/8 UNC X 4 ID X 7 IN -
12	6	250400	NUT, FLANGE - 3/8 UNC PL
13	2	250250	BOLT, U-SQ - 3/8 UNC X 8 ID X 7 1/2 IN - 2 IN
14	1	250217	BOLT, U-SQ - 1/4 UNC X 8ID X 5 IN - GR5 PL
15	2	250559	WASHER, FLAT - 1/4 IN PL
16	2	250458	NUT, HEX - 1/4 UNC PL
17	4	258390 - HALF	HOSE CLAMP - 2 HALVES - 1/2" HOSE - 322/22
18	2	258396	HOSE CLAMP - COVER PLATE - GD4DW3
19	2	250038	BOLT, HEX 5/16 X 1 1/4 IN GR5 PL
20	2	259840	CLAMP, UHMW 1 IN - HYD HOSE - 0.500 X 5 /
21	2	250072	BOLT, HEX 3/8 X 3 IN GR5 PL
22	4	250557	WASHER, FLAT - 3/8 IN GR8 PL
23	2	250508	NUT, LOCK - 3/8 UNC - NYLOC - PL
24	1	250208	BOLT, U-SQ - 1/2 UNC X 4 ID X 5 IN -
25	2	250401	NUT, FLANGE - 1/2 UNC PL
26	2	250202	BOLT, U-SQ - 3/4 UNC X 8 ID X 8 IN -
27	4	250552	WASHER, FLAT 3/4IN GR8 PL
28	4	250451	NUT, HEX 3/4 UNC GR5 PL

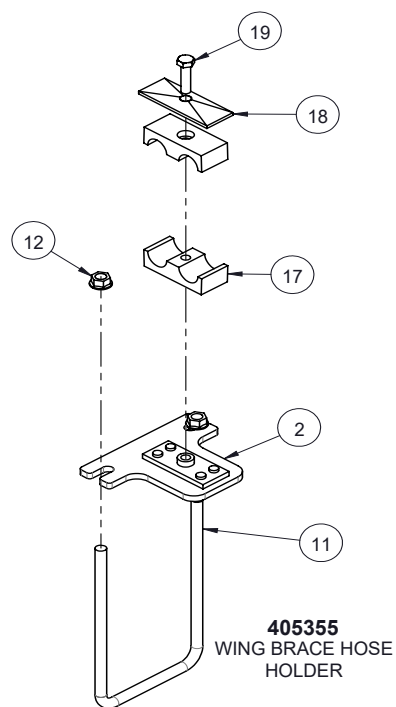




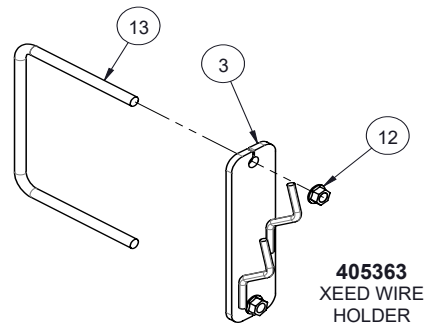
404339
ANGLE BRACKET HOSE
HOLDER



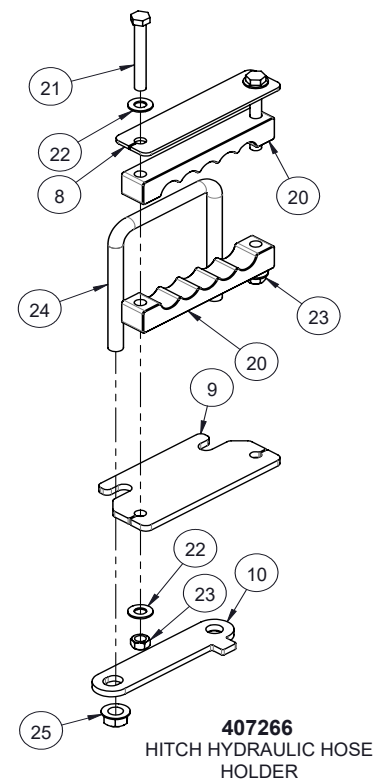
405350
ACTIVE WING BRACE HOSE
HOLDER



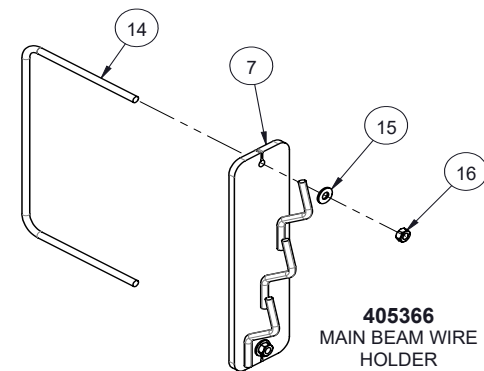
405355
WING BRACE HOSE
HOLDER



405363
XEED WIRE
HOLDER



407266
HITCH HYDRAULIC HOSE
HOLDER

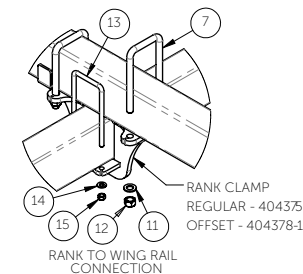
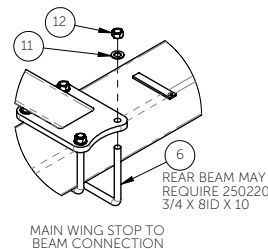
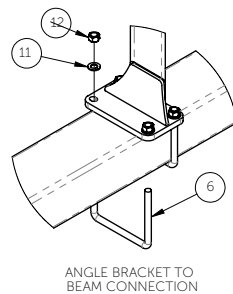
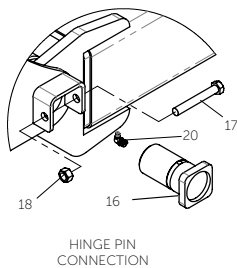
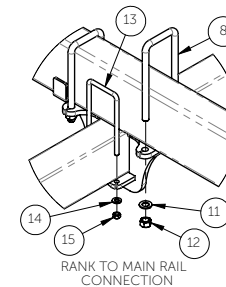
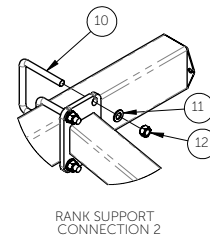
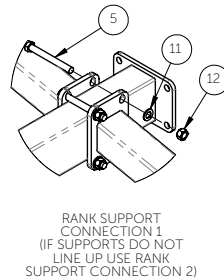
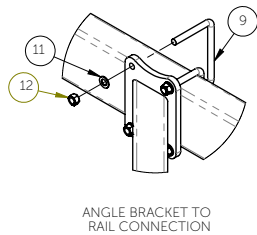
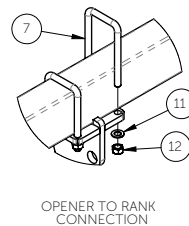
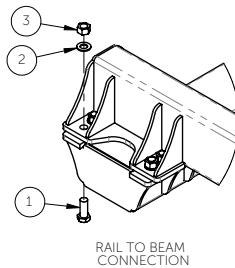


405366
MAIN BEAM WIRE
HOLDER



Parts Description: Frame Connections

ITEM	QTY.	PART NO.	DESCRIPTION
1	8	250006	BOLT, HEX 7/8 X 2 1/4 UNC GR5 PL
2	8	250553	WASHER, FLAT 7/8IN GR8 PL
3	8	250452	NUT, HEX - 7/8 UNC PL
4	4	250003	BOLT, HEX 3/4 X 2 1/2 UNC GR5 PL
5	4	250057	BOLT, HEX 3/4 X 6 1/2 UNC GR5 PL
6	6	250202	BOLT, U-SQ - 3/4 UNC X 8 ID X 8 IN - 2 IN THD - GR8 PL
7	6	250204	BOLT, U-SQ - 3/4 UNC X 4 ID X 8 IN - 2 IN THD - GR8 PL
8	2	250206	BOLT, U-SQ - 3/4 UNC X 4 ID X 10 IN - 2 IN THD - GR8 PL
9	4	250209	BOLT, U-SQ - 3/4 UNC X 8 ID X 6 IN - 2 IN THD - GR8 PL
10	2	250210	BOLT, U-SQ - 3/4 UNC X 6 ID X 6 IN - 2 IN THD - GR8 PL
11	48	250552	WASHER, FLAT 3/4IN GR8 PL
12	48	250451	NUT, HEX 3/4 UNC GR5 PL
13	2	250218	BOLT, U-SQ - 1/2 UNC X 4 ID X 8 IN - 2 IN THD - GR5 PL
14	4	250555	WASHER, FLAT - 1/2 IN - GR8 - PL
15	4	250450	NUT, HEX 1/2 UNC GR5 PL
16	1	400737	ASSY, HINGE PIN - GREASED - PLATE
17	1	250050	BOLT, HEX 1/2 X 3 1/2 IN UNC GR5 PL
18	1	250504	NUT, LOCK - 1/2 UNC - STOVER - PL
19	1	250612	BUSH, 2 1/2OD X 2ID X 1 1/2 IN - CONNEX
20	1	250730	GREASE FITTING - 90 DEG - 1/8 NPT



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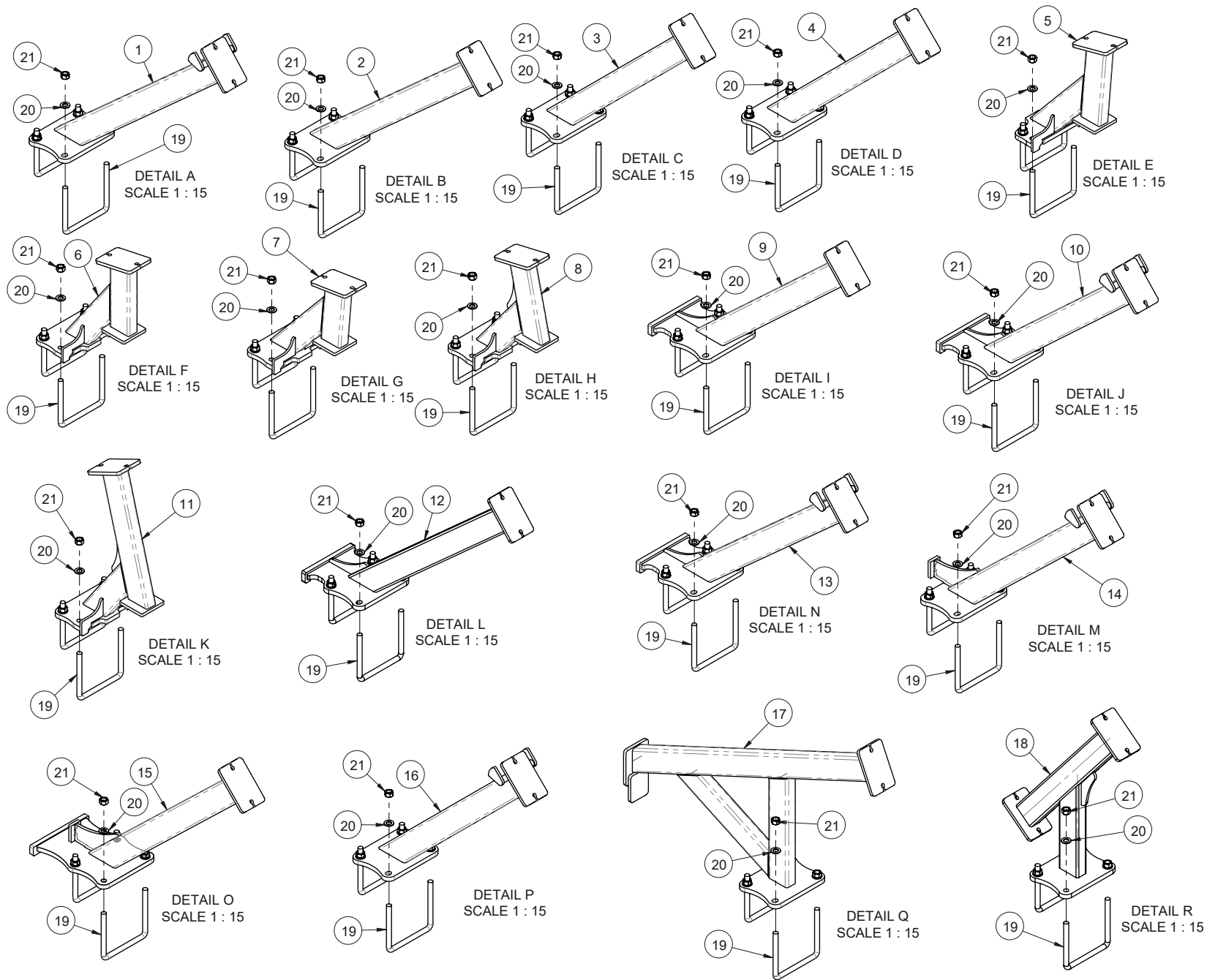


Parts Description:

Frame Wing Stops

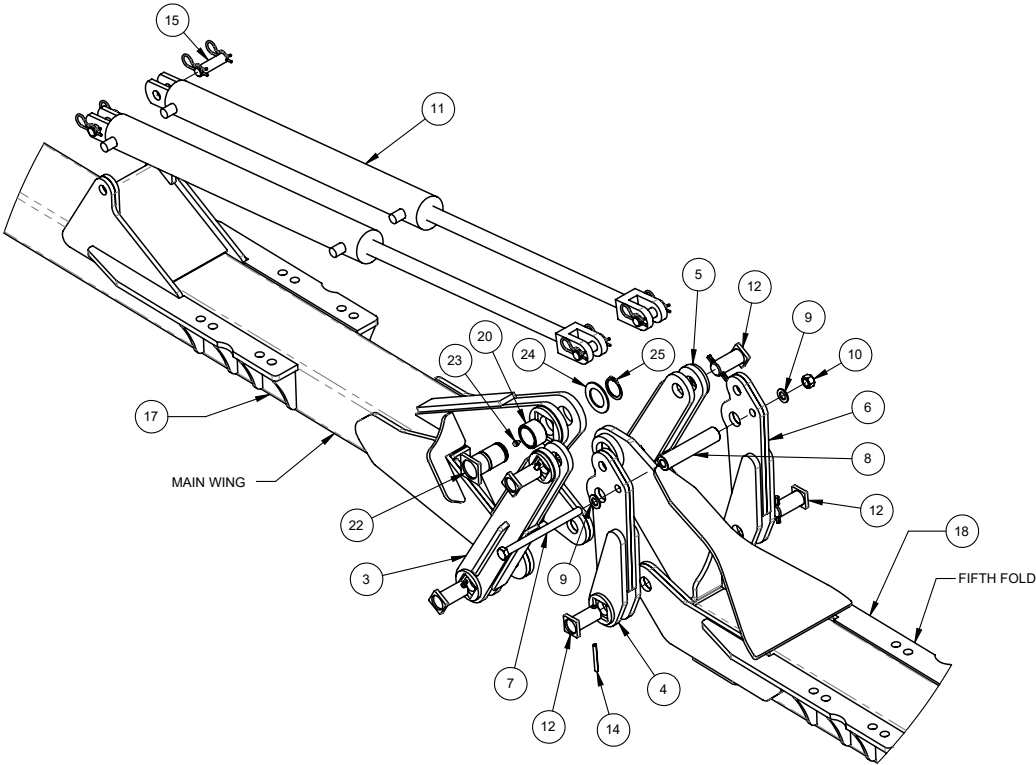
ITEM	QTY.	PART NO.	DESCRIPTION
1	1	407780	ASSY, WING STOP - MAIN - M80 - 45" - FRT - BLK
2	1	407720	ASSY, WING STOP - MAIN - M80 - 45" - REAR - BLK
3	1	407615-1	ASSY, WING STOP - MAIN - M40/M50 - 3 PLEX - 40" - REAR - BLK
4	1	407700-1	ASSY, WING STOP - MAIN - M50/M60/M70
5	1	407705	ASSY, WING STOP - FIFTH FOLD - M50 - BLK
6	1	407710	ASSY, WING STOP - 5TH FOLD - M60 - BLK
7	1	407715	ASSY, WING STOP - FIFTH FOLD - M70 - BLK
8	1	407725	ASSY, WING STOP - FIFTH FOLD - M80 - BLK
9	1	407730	ASSY, WING STOP - MAIN - WIDE M80 - 40 3/8" - REAR - BLK
10	1	407735	ASSY, WING STOP - MAIN FRAME - WIDE
11	1	407740	ASSY, WING STOP - FIFTH FOLD - M80 WIDE/M90 - BLK
12	1	407745	ASSY, WING STOP - MAIN - M90 - 43" - REAR - BLK
13	1	407750	ASSY, WING STOP - MAIN - M90 - 43" - FRT - BLK
14	1	407753	ASSY, WING STOP - MAIN - M90 - 41.469 - FRT - BLK
15	1	407762	ASSY, WING STOP - MAIN - WIDE M WITH UPII55 UPII550 - REAR - BLK
16	1	407770	ASSY, WING STOP - MAIN - 40/50 3-PLEX
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
20	72	250552	WASHER, FLAT 3/4IN GR8 PL
21	72	250451	NUT, HEX 3/4 UNC GR5 PL



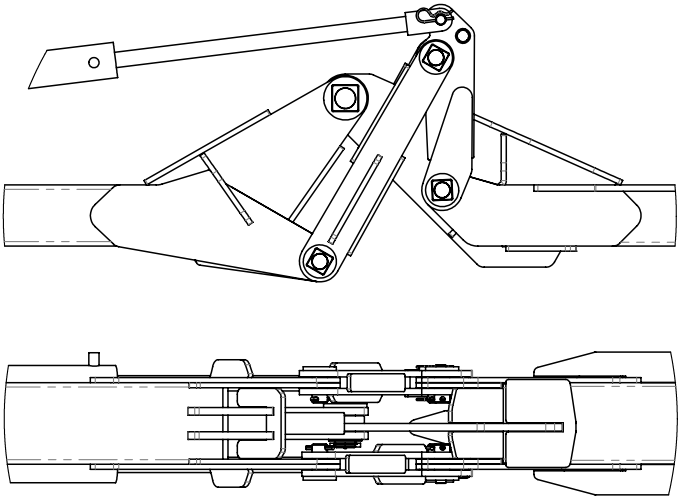


Parts Description:

M80/90/100 Fifth Fold Links



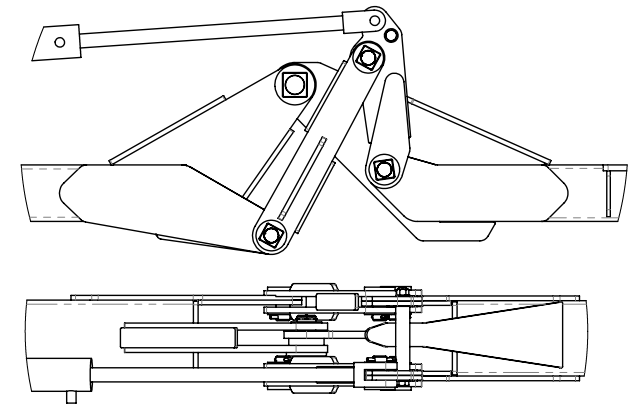
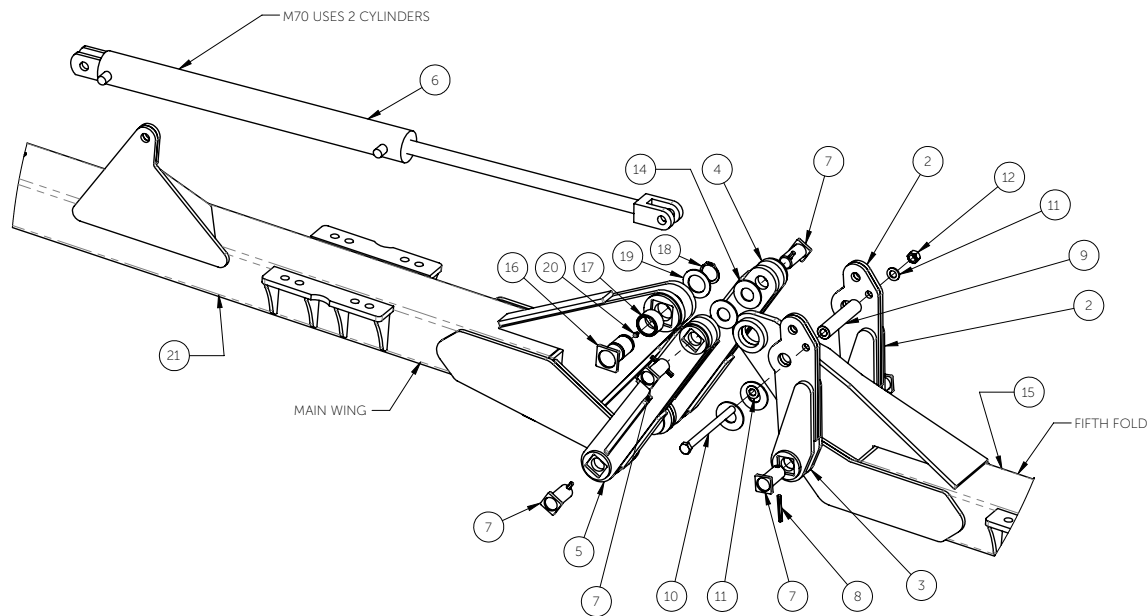
ITEM	QTY.	PART NO.	DESCRIPTION
3	1	407050	ASSY, HINGE LINK - MAIN - RH - BLK
4	1	407060	ASSY, HINGE LINK - LIFT - RH - BLK
5	1	407051	ASSY, HINGE LINK - MAIN - LH - BLK
6	1	407061	ASSY, HINGE LIFT LINK - 13" - LH
7	1	250060	BOLT, HEX 3/4 X 10 UNC GR5 PL
8	1	407105	BUSH, LINK SPACER 1 1/2 OD X .77ID X 7IN
9	2	250552	WASHER, FLAT 3/4IN GR8 PL
10	1	250451	NUT, HEX 3/4 UNC GR5 PL
11	2	258548	CYL, 3 X 32 IN
12	6	407075	ASSY, LINK PIN - 1 1/2" X 3 3/8"
14	6	250609	PIN, COILED SPRING - 3/8 X 3 IN - PL
15	4	250598	PIN, CYLINDER - 1 X 3 IN EFF. c/w CLIP PINS
17	1	407014-3	ASSY, BEAM - MAIN WING - RH - M80 TXB - BLK
18	1	407690-1	ASSY, BEAM - FIFTH FOLD - M80 - BLK
20	1	250612	BUSH, 2 1/2OD X 2ID X 1 1/2 IN - CONNEX
22	1	407073	ASSY, HINGE PIN - 2 IN - PLT
23	1	250656	GREASE FITTING - STRAIGHT - 1/8 NPT
24	1	407065	SHEET, 10GA - HINGE LINK WASHER - SS
25	1	250726	RETAINING RING EXTERNAL - HEAVY DUTY 1 IN



Parts Description:

M50/60/80 CT Fifth Fold Links

ITEM	QTY	PART NO.	DESCRIPTION
2	1	407524	ASSY, HINGE LINK - M70 LIFT - LH - BLK
3	1	407525	ASSY, HINGE LINK - M70 LIFT - RH - BLK
4	1	407519	ASSY, HINGE LINK - M70 - 21 1/2" - MAIN - LH - BLK
5	1	407520	ASSY, HINGE LINK - M70 - MAIN - RH - BLK
6	1	258548	CYL, 3 X 32 IN
7	6	407075	ASSY, LINK PIN - 1 1/2" X 3 3/8"
8	6	250609	PIN, COILED SPRING - 3/8 X 3 IN - PL
9	1	407105	BUSH, LINK SPACER 1 1/2 OD X .77ID X 7IN
10	1	250060	BOLT, HEX 3/4 X 10 UNC GR5 PL
11	2	250552	WASHER, FLAT 3/4IN GR8 PL
12	1	250451	NUT, HEX 3/4 UNC GR5 PL
14	6	250570	WASHER, FLAT 5/8 IN GR8 PL
15	1	407565-1	ASSY, BEAM - FIFTH FOLD WING - M60 -BLK
16	1	407073	ASSY, HINGE PIN - 2 IN - PLT
17	1	250612	BUSH, 2 1/2OD X 2ID X 1 1/2 IN - CONNEX
18	1	250726	RETAINING RING EXTERNAL - HEAVY DUTY 1 IN
19	1	407065	SHEET, 10GA - HINGE LINK WASHER - SS
20	1	250656	GREASE FITTING - STRAIGHT - 1/8 NPT
21	1	407560-2	ASSY, BEAM - MAIN WING - LH - M60 - BLK



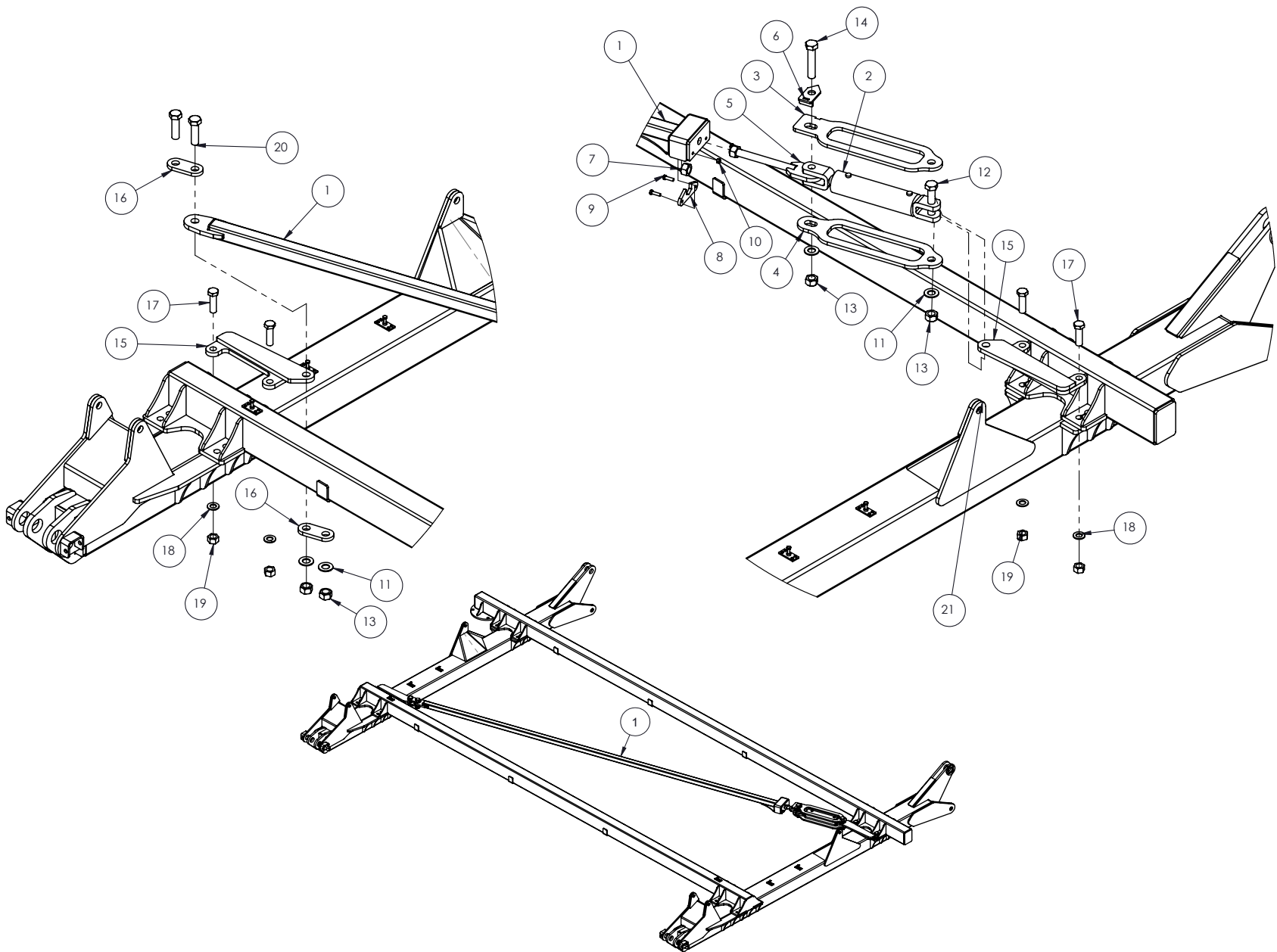
Parts Description: Active Wing Brace

SUBSTITUTE FOR ITEMS 3 & 4 ACCORDING TO TABLE BELOW

FRAME	MAIN WING BRACE		FIFTH FOLD WING BRACE	
	BRACE TUBE	CYLINDER	BRACE TUBE	CYLINDER
WIDE 3-PLEX	405320	258550		
STD 5-PLEX	405320	258550		
50CT 3-PLEX	405340	258549		
M50	405325	258550		
M60	405320	258550		
M70	405330	258549		
M80CT	405340	258549	405325	258550
M80	405330	258549		
M90	405340	258549	405320	258550
M100	405345	258549	405335	258549

ITEM	PART NO.	QTY.	DESCRIPTION
1	405320	1	ASSY, ADJUSTABLE ACTIVE WING BRACE TUBE - 155-1/8 - BLK
2	258550	1	CYL, HYD 2 1/2 X 8 IN
3	405315	1	PLATE, LIMITER 1/2 IN - ACTIVE WING BRACE WITH GAUGE - BLK
4	404934	1	PLATE, LIMITER 1/2 IN - ACTIVE WING BRACE - BLK
5	404930	1	ASSY, LUG - ADJUSTABLE ACTIVE WING BRACE - PLATE
6	405310	1	WELD, PIN WITH ARROW TAB
7	250457	2	NUT, HEX 1 UNC GR5 PL
8	405313	1	PLATE, ACTIVE WING BRACE NUT LOCK
9	250019	2	BOLT, HEX 3/8 X 1 1/4 IN GR5 PL
10	250503	2	NUT, LOCK - 3/8 UNC - STOVER - PL
11	250554	4	WASHER, FLAT - 1 IN GR8 PL
12	250133	1	BOLT, HEX 1 X 4 3/4 UNC GR58 PL
13	250505	4	NUT, LOCK - 1 UNC - STOVER - PL
14	250120	1	BOLT, HEX 1 X 5 UNC GR5 PL
15	404965-1	2	ASSY, BOLT PLATE - RIGHT ADJUSTABLE ACTIVE WING BRACE - BLK
16	404837	2	PLATE, LINK 1/2 IN - ACTIVE WING BRACE
17	250044	4	BOLT, HEX 7/8 X 3 IN UNC GR5 PL
18	250553	4	WASHER, FLAT 7/8IN GR8 PL
19	250452	4	NUT, HEX - 7/8 UNC PL
20	250031	2	BOLT, HEX 1 X 3 1/2 IN GR5 PL
21	407560-2	1	ASSY, BEAM - MAIN WING -LH - M60 - BLK



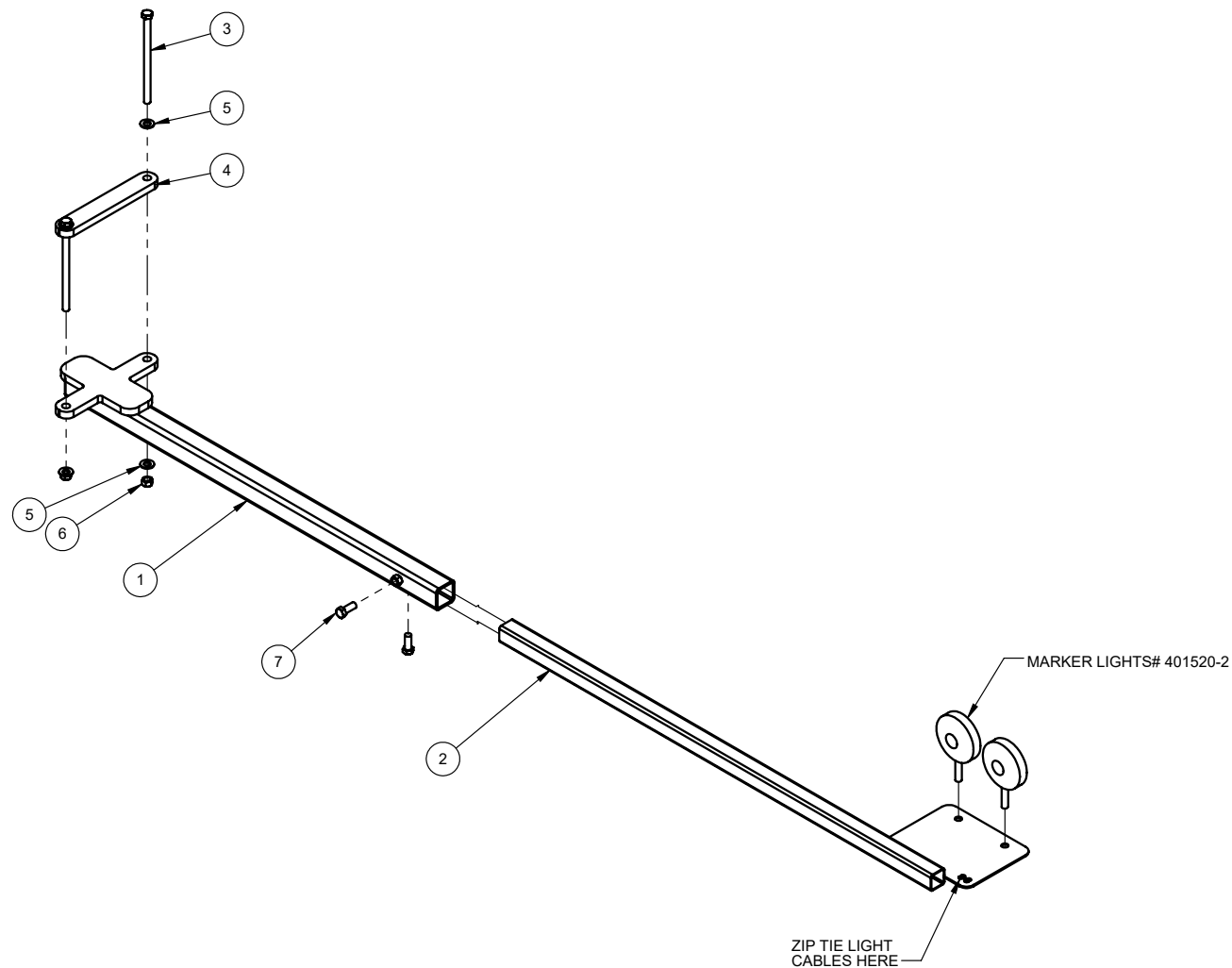


Parts Description:

Clearance Light Mount

Part Number: 400105 – 8 x 6 Beam
400106 – 8 x 8 Beam

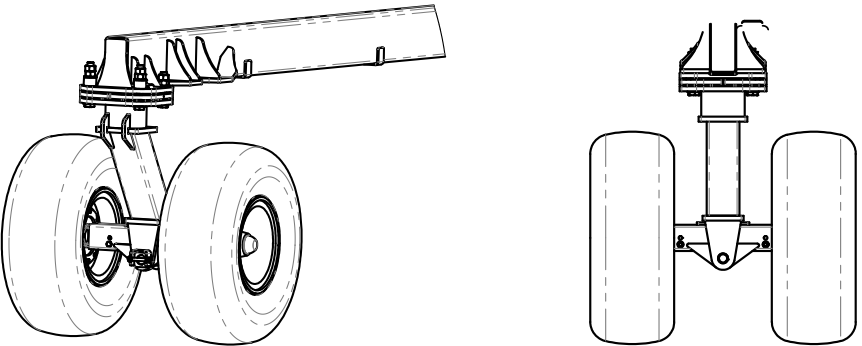
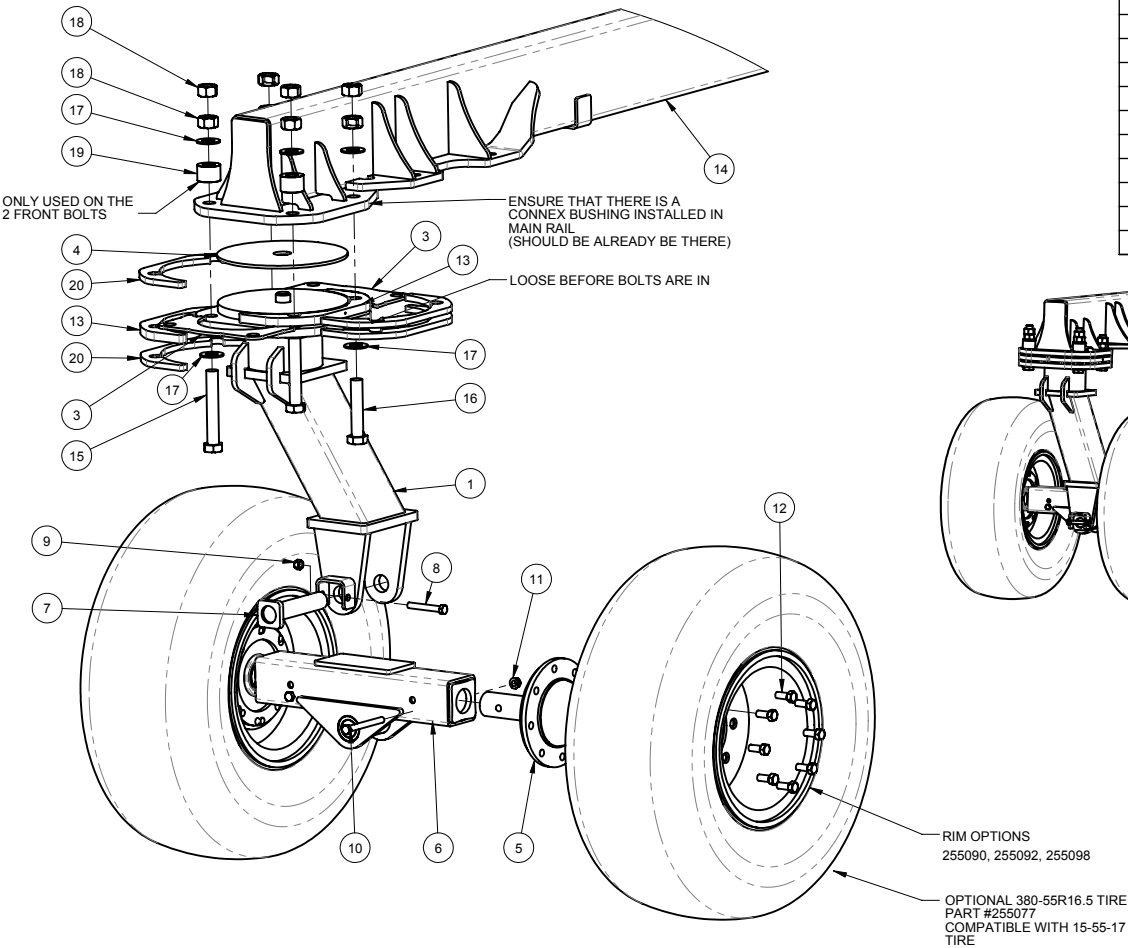
ITEM	QTY.	PART NO.	DESCRIPTION
1	1	400110	ASSY, CLEARANCE LIGHT MOUNT
2	1	400115	ASSY, CLEARANCE LIGHT ADJUSTABLE ARM
3	2	250069	BOLT, HEX 1/2 X 8 IN GR5 PL
4	1	400113	PLATE, BOLT 5/8 IN - CLEARANCE LIGHT MOUNT
5	4	250555	WASHER, FLAT - 1/2 IN - GR8 - PL
6	2	250450	NUT, HEX 1/2 UNC GR5 PL
7	2	250013	BOLT, HEX 1/2 X 1 1/4 IN GR5 PL



Parts Description:

Heavy Duty Dual Castor Bundle

ITEM	QTY.	PART NO	DESCRIPTION
1	1	405901-1	ASSY, DUAL CASTOR - WALKING - HEAVY - BLK
2	2	255076	ASSY, TIRE - 12.5L15F1 - HWY SRV - 12 PLY - 8 BOLT - 1.5
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	252001	ASSY, HUB/SPINDLE - H811 -2 1/8 IN STRAIGHT SPINDLE
6	1	404246	ASSY, SPINDLE HOLDER - WALKING AXLE - 15/55-17 - BLK
7	1	404214	ASSY, PIVOT PIN WALKING AXLE - SEEDMASTER
8	1	250050	BOLT, HEX 1/2 X 3 1/2 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	16	253010	BOLT, WHEEL - HA614 HUB - WB17
13	2	405915-1	PLATE, GREASE BLOCK - 3/4 IN - HEAVY CASTER
14	1	407190-2	ASSY, RAIL - MAIN FRM - SXX345 - BLK
15	2	250121	BOLT, HEX 1 X 6 1/2 UNC GR5 PL
16	2	250120	BOLT, HEX 1 X 5 UNC GR5 PL
17	8	250554	WASHER, FLAT - 1 IN GR8 PL
18	8	250457	NUT, HEX 1 UNC GR5 PL
19	2	405916	BUSH, 2 OD X 1.03125 ID X 1 3/8 IN - FRONT CASTER - PL
20	4	405922	GASKET, FOAM - 1/2 IN - GREASE BLOCK - HVY CASTOR

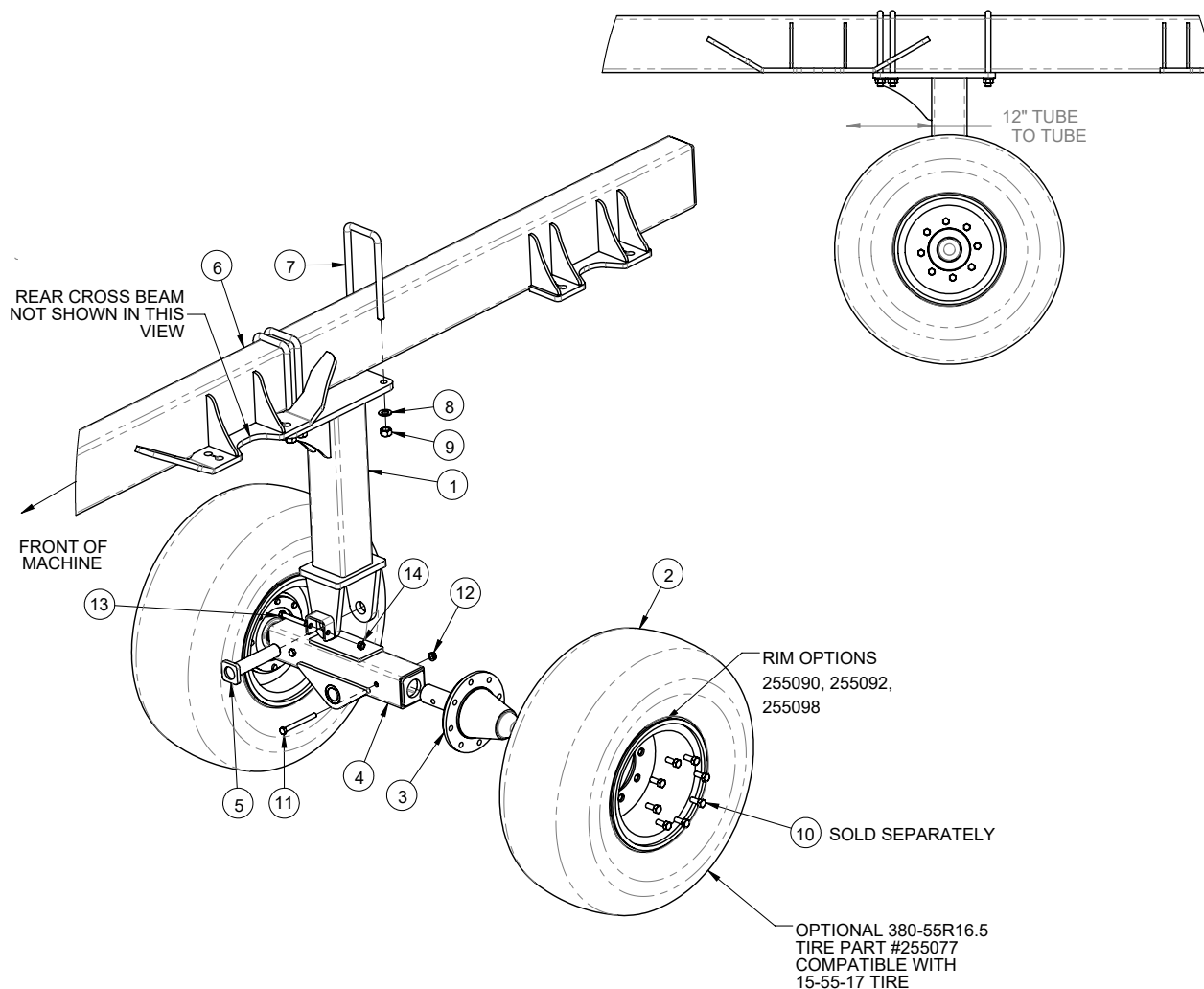


Parts Description:

Rear Walking Axle - Main Frame

Part Number: 404220-1

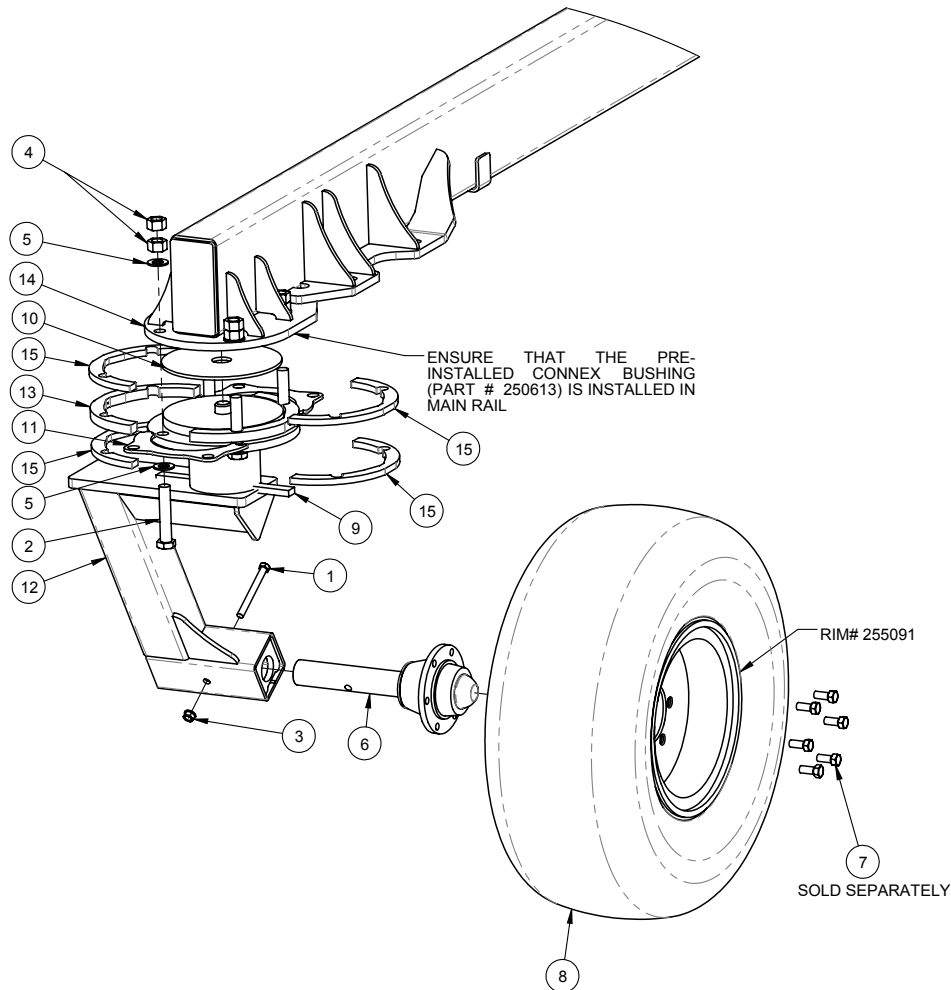
ITEM	QTY.	PART NO.	DESCRIPTION
1	1	404221-1	ASSY, REAR AXLE - DUAL - 12.5L15 - BLK
2	2	255076	ASSY, TIRE - 12.5L15F1 - HWY SRV - 12 PLY - 8 BOLT - 1.5" NEG. OFF
3	2	252001	ASSY, HUB/SPINDLE - H811 - 2 1/8 IN STRAIGHT SPINDLE
4	1	404246	ASSY, SPINDLE HOLDER - WALKING AXLE - 15/55-17 - BLK
5	1	404214	ASSY, PIVOT PIN WALKING AXLE - SEEDMASTER
6	1	407190-2	ASSY, RAIL - MAIN FRM - SXX345 - BLK
7	3	250206	BOLT, U-SQ - 3/4 UNC X 4 ID X 10 IN - 2 IN THD - GR8 PL
8	6	250552	WASHER, FLAT 3/4IN GR8 PL
9	6	250451	NUT, HEX 3/4 UNC GR5 PL
10	16	253010	BOLT, WHEEL - HA614 HUB - WB17
11	2	250012	BOLT, HEX 1/2 X 5 IN GR5 PL
12	2	250401	NUT, FLANGE - 1/2 UNC PL
13	1	250050	BOLT, HEX 1/2 X 3 1/2 IN UNC GR5 PL
14	1	250504	NUT, LOCK - 1/2 UNC - STOVER - PL



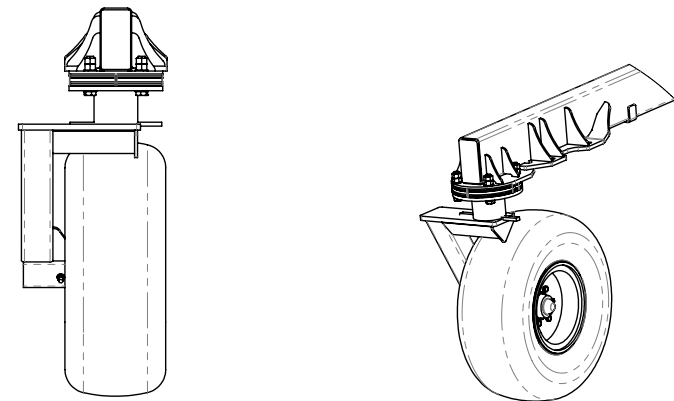
Parts Description:

Single Castor Assembly

Part Number: 400285-3



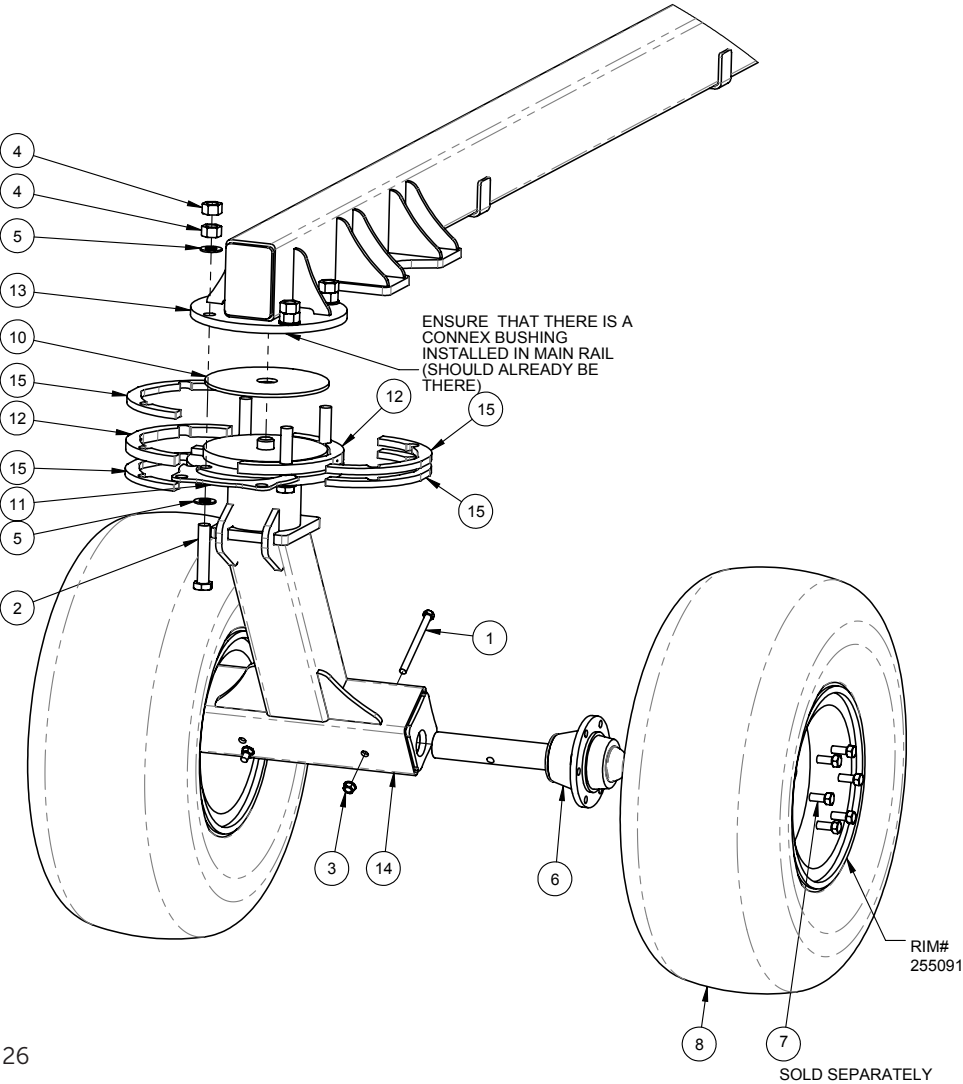
ITEM	QTY.	PART NO.	DESCRIPTION
1	1	250012	BOLT, HEX 1/2 X 5 IN GR5 PL
2	4	250029	BOLT, HEX 7/8 X 4 1/2 UNC GR5 PL
3	1	250401	NUT, FLANGE - 1/2 UNC PL
4	8	250452	NUT, HEX - 7/8 UNC PL
5	8	250553	WASHER, FLAT 7/8IN GR8 PL
6	1	252000	ASSY, HUB/SPINDLE - H614 - 2 IN STRAIGHT SPINDLE
7	6	253010	BOLT, WHEEL - HA614 HUB - WB17
8	1	255075	ASSY, TIRE - 12.5L15 - 8 PLY - 6 BOLT - 1.12 POS. OFF
9	1	256576	CELLTITE SPONGE - 1/2 X 1 IN - A/B
10	1	400280-2	PAD, WEAR 1/4 IN - NYLON - TOP
11	2	400281-2	PAD, WEAR 1/4 IN - NYLON - BTM
12	1	400286-4	ASSY, SINGLE CASTOR - SEED MASTER - BLK
13	2	400317-2	PLATE, GREASE BLOCK - 3/4 IN - CASTOR
14	1	400390-8	ASSY, RAIL - HVY MAIN FRM - BLK
15	4	405921	GASKET, FOAM - 1/2 IN - GREASE BLOCK - CASTOR



Parts Description:

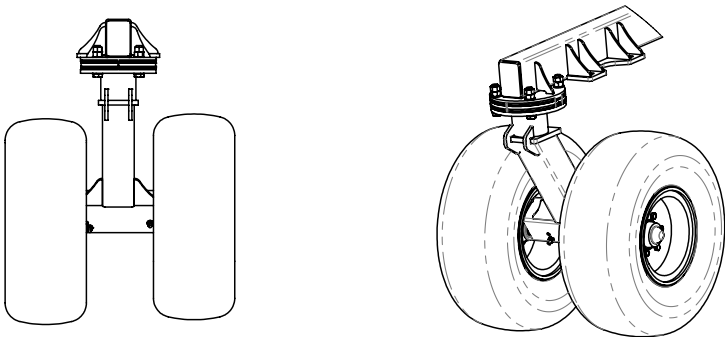
Dual Wing Castor Assembly

Part Number: 404240-1



ITEM	QTY.	PART NO.	DESCRIPTION
1	2	250011	BOLT, HEX 1/2 X 6 IN GR5 PL
2	4	250029	BOLT, HEX 7/8 X 4 1/2 UNC GR5 PL
3	2	250401	NUT, FLANGE - 1/2 UNC PL
4	8	250452	NUT, HEX - 7/8 UNC PL
5	8	250553	WASHER, FLAT 7/8IN GR8 PL
6	2	252000	ASSY, HUB/SPINDLE - H614 - 2 IN STRAIGHT SPINDLE
7	12	253010	BOLT, WHEEL - HA614 HUB - WB17
8	2	255075	ASSY, TIRE - 12.5L15 - 8 PLY - 6 BOLT - 1.12 POS. OFF
9	1	256576	CELLTITE SPONGE - 1/2 X 1 IN - A/B
10	1	400280-2	PAD, WEAR 1/4 IN - NYLON - TOP
11	2	400281-2	PAD, WEAR 1/4 IN - NYLON - BTM
12	2	400317-2	PLATE, GREASE BLOCK - 3/4 IN - CASTOR
13	1	400410-3	ASSY, WING RAIL - OUTSIDE - BLK
14	1	404241-1	ASSY, DUAL WING CASTOR - 12.5L16 - BLK
15	4	405921	GASKET, FOAM - 1/2 IN - GREASE BLOCK - CASTOR

UPGRADE FROM SINGLE CASTOR: 404239

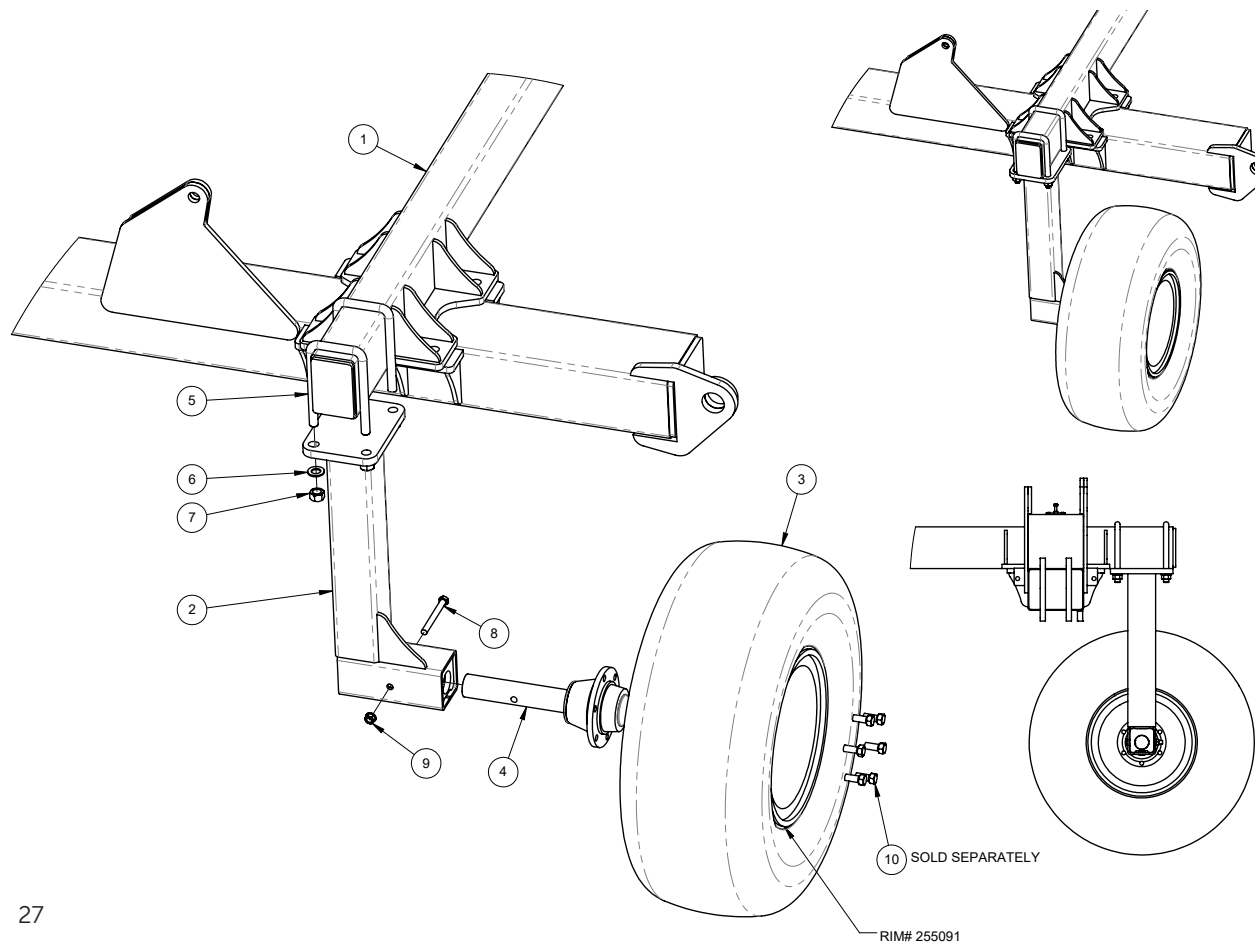


Parts Description:

Rear Wing Axle

Part Number: 400308-3

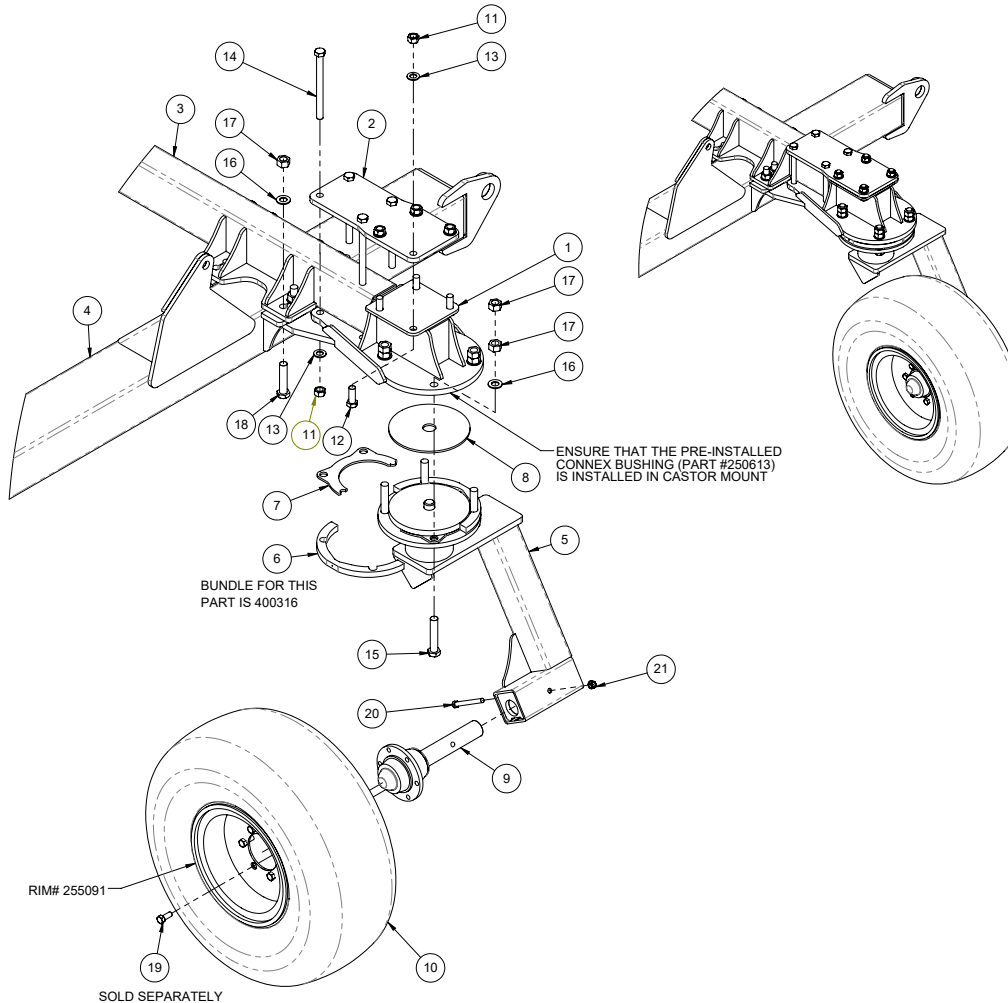
ITEM	QTY.	PART NO.	DESCRIPTION
1	1	400410-3	ASSY, WING RAIL - OUTSIDE - BLK
2	1	400309-3	ASSY, REAR AXLE - WING - BLK
3	1	255075	ASSY, TIRE - 12.5L15 - 8 PLY - 6 BOLT - 1.12 POS. OFF
4	1	252000	ASSY, HUB/SPINDLE - H614 - 2 IN STRAIGHT SPINDLE
5	2	250204	BOLT, U-SQ - 3/4 UNC X 4 ID X 8 IN - 2 IN THD - GR8 PL
6	4	250552	WASHER, FLAT 3/4IN GR8 PL
7	4	250451	NUT, HEX 3/4 UNC GR5 PL
8	1	250012	BOLT, HEX 1/2 X 5 IN GR5 PL
9	1	250401	NUT, FLANGE - 1/2 UNC PL
10	6	253010	BOLT, WHEEL - HA614 HUB - WB17



Parts Description:

Rear Wing Castor Assembly

Part Number: 404230-2



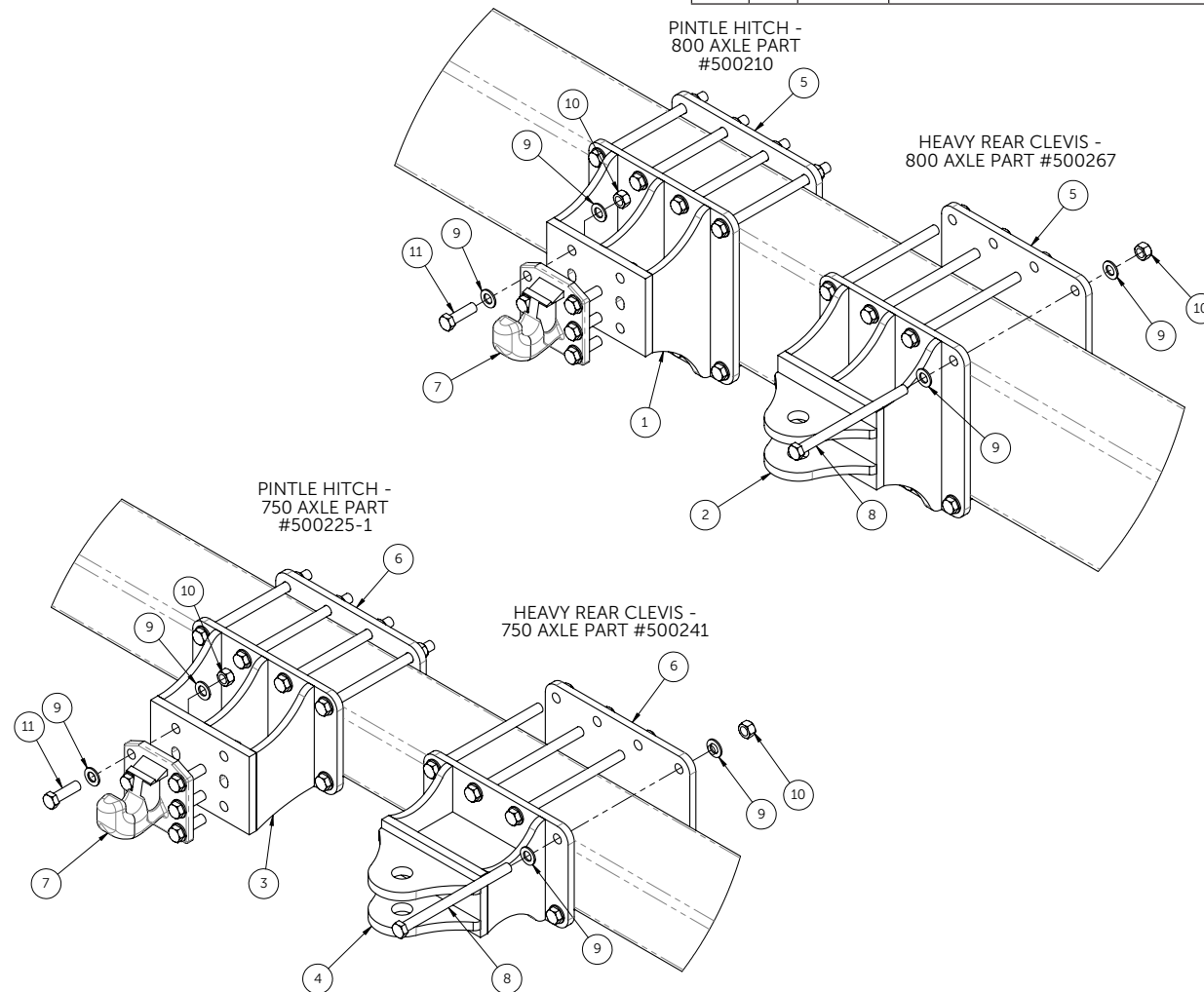
ITEM	QTY.	PART NO.	DESCRIPTION
1	1	404231-2	ASSY, CASTOR MOUNT - REAR WING - BLK
2	1	404197	PLATE, BOLT 5/8 IN - REAR WING CASTOR TOP PLATE
3	1	400410-3	ASSY, WING RAIL - OUTSIDE - BLK
4	1	400750-3	ASSY, REAR BEAM - WING - RH - WIDE 5 PLEX - BLK
5	1	400286-4	ASSY, SINGLE CASTOR - SEED MASTER - BLK
6	2	400317-2	PLATE, GREASE BLOCK - 3/4 IN - CASTOR
7	2	400281-2	PAD, WEAR 1/4 IN - NYLON - BOTTOM
8	1	400280-2	PAD, WEAR 1/4 IN - NYLON TOP
9	1	252000	ASSY, HUB/SPINDLE - H614 - 2 IN STRAIGHT SPINDLE
10	1	255075	ASSY, TIRE - 12.5L15 - 8 PLY - 6 BOLT - 1.12 POS. OFF
11	8	250451	NUT, HEX 3/4 UNC GR5 PL
12	4	250014	BOLT, HEX 3/4 X 2 UNC GR5 PL
13	8	250552	WASHER, FLAT 3/4IN GR8 PL
14	4	250076	BOLT, HEX 3/4 X 9 UNC GR5 PL
15	4	250029	BOLT, HEX 7/8 X 4 1/2 UNC GR5 PL
16	8	250553	WASHER, FLAT 7/8IN GR8 PL
17	12	250452	NUT, HEX - 7/8 UNC PL
18	4	250008	BOLT, HEX 7/8 X 4 UNC GR5 PL
19	6	253010	BOLT, WHEEL - HA614 HUB - WB17
20	1	250012	BOLT, HEX 1/2 X 5 IN GR5 PL
21	1	250401	NUT, FLANGE - 1/2 UNC PL

REAR CASTOR UPGRADE BDL#404237



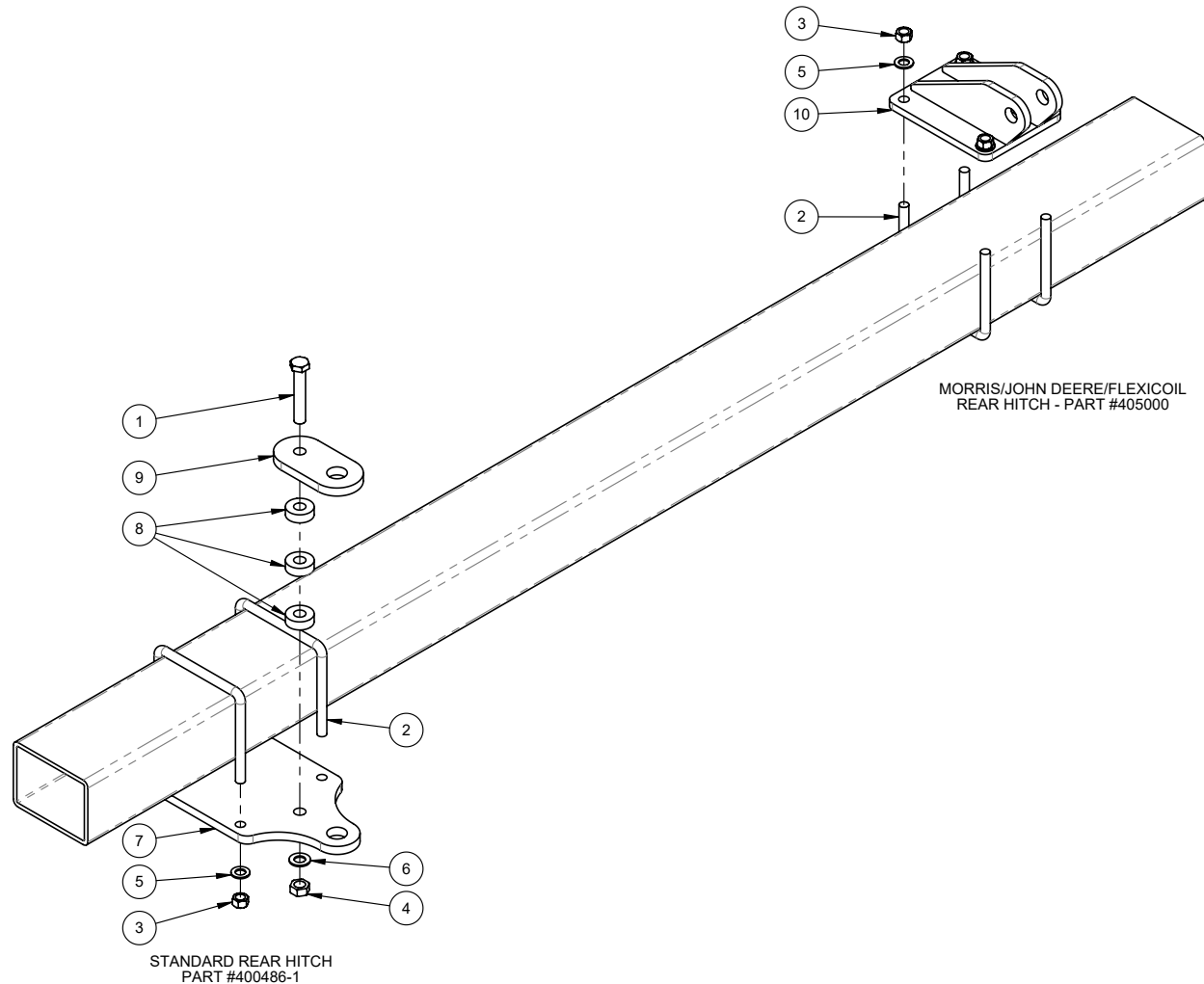
Parts Description: Pintle and Heavy Clevis Hitches

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



Parts Description: Rear Hitch Package

ITEM	QTY.	PART NO.	DESCRIPTION
1	1	250015	BOLT, HEX 7/8 X 5 UNC GR5 PL
2	4	250202	BOLT, U-SQ - 3/4 UNC X 8 ID X 8 IN - 2 IN THD - GR8 PL
3	8	250451	NUT, HEX 3/4 UNC GR5 PL
4	1	250452	NUT, HEX - 7/8 UNC PL
5	8	250552	WASHER, FLAT 3/4IN GR8 PL
6	1	250553	WASHER, FLAT 7/8IN GR8 PL
7	1	400487-2	PLATE, BOLT 3/4 IN - 8 X 6 REAR HITCH
8	3	400488-1	PLATE, SPACER 3/4 IN - REAR HITCH
9	1	400489-1	PLATE, TOP 3/4 IN - REAR HITCH
10	1	405001-2	ASSY, REAR HITCH - MORRIS - BLK



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Parts Description:

Rear Hitch - JD C850

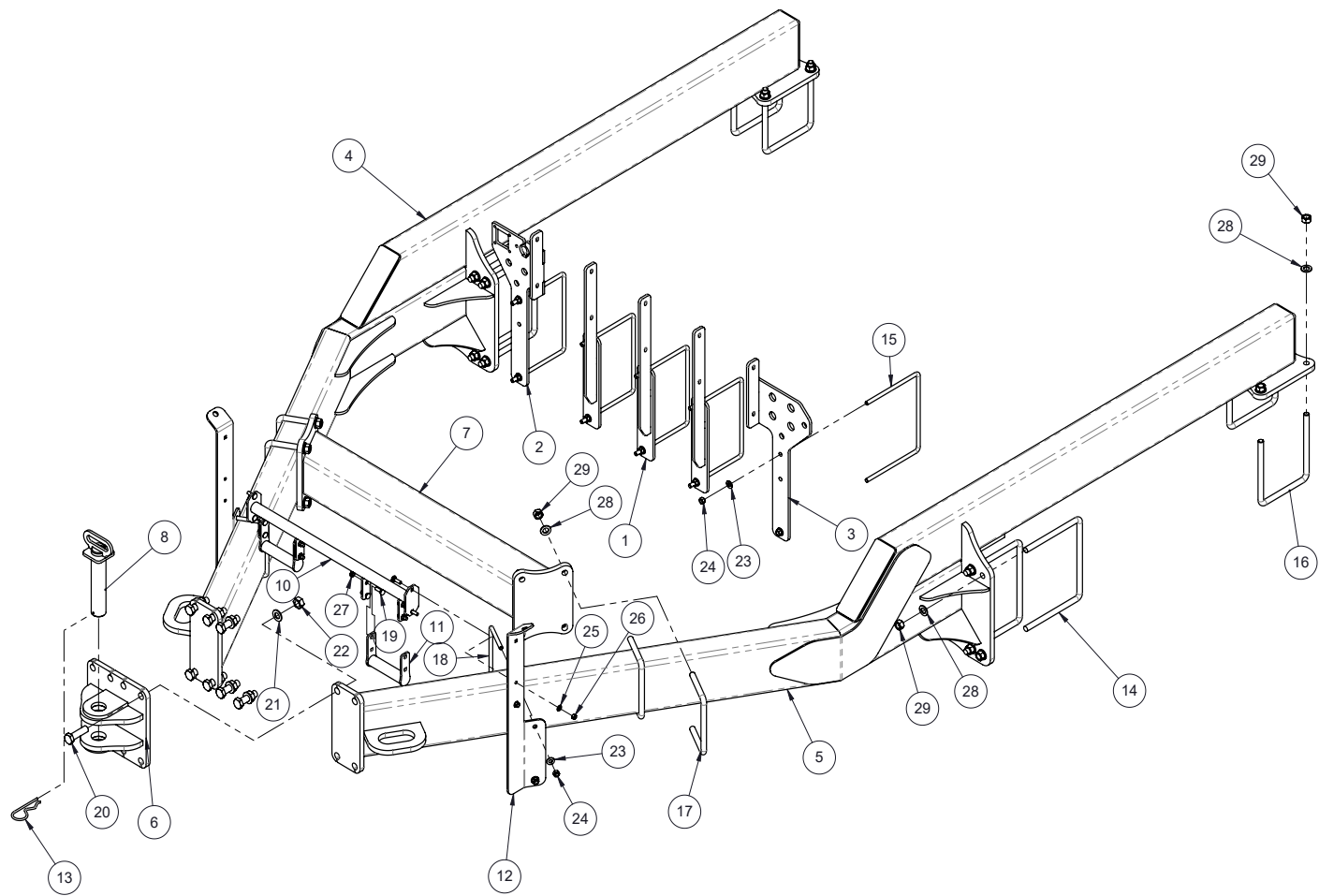
Part Number: 407840 - Heavy Axle

Part Number: 407842 - Std. Axle

407842 - BDL, REAR HITCH - STD AXLE - JD C850			
ITEM	QTY.	PART NO.	DESCRIPTION
14	8	250243	BOLT, U-SQ - 3/4 UNC X 8 ID X 10 IN - 2IN
15	5	250244	BOLT, U-SQ - 1/2 UNC X 4 ID X 5 IN - 2 IN

407840 - BDL, REAR HITCH - HEAVY AXLE - JD C850			
ITEM	QTY.	PART NO.	DESCRIPTION
1	3	407877	ASSY, COUPLER SUPPORT BRACKET - JD C850 REAR HITCH - BLK
2	1	407885	ASSY, HYD HOSE COUPLER - LH - JD C850 REAR HITCH - BLK
3	1	407880	ASSY, HYD HOSE COUPLER - RH - JD C850 REAR HITCH - BLK
4	1	407846	ASSY, LH BEAM - JD C850 REAR HITCH - BLK
5	1	407845	ASSY, RH BEAM - JD C850 REAR HITCH - BLK
6	1	407860	ASSY, CLEVIS - JD C850 REAR HITCH - BLK
7	1	407865	ASSY, CROSS BRACE - JD C850 REAR HITCH - BLK
8	1	503315-1	ASSY, REAR HITCH PIN - T/B NOVA - BLK
9	1	407872	PLATE, FRMD 1/4 IN - HOSE GUIDE SUPPORT - LH
10	1	407870	ASSY, GUIDE BAR - JD C850 REAR HITCH - BLK
11	2	407875	ASSY, HYD HOSE GUIDE - JD C850 REAR HITCH - BLK
12	1	407873	PLATE, FRMD 1/4 IN - HOSE GUIDE SUPPORT - RH
13	1	250627	HAIRPIN, 1/4 X 5 IN - HITCH PIN
14	8	250232	BOLT, U-SQ - 3/4 UNC X 12 ID X 10 IN - 2 IN THD - GR8 PL
15	5	250234	BOLT, U-SQ - 1/2 UNC X 12 ID X 8 IN - 2 IN THD - GR5 PL
16	4	250220	BOLT, U-SQ - 3/4 UNC X 8 ID X 10 IN - 2 IN THD - GR8 PL
17	4	250209	BOLT, U-SQ - 3/4 UNC X 8 ID X 6 IN - 2 IN THD - GR8 PL
18	2	250242	BOLT, U-SQ - 1/2 UNC X 8 ID X 5 IN - 1 1/2 IN THD - GR5 PL
19	12	250101	BOLT, CARRIAGE - 3/8 X 1 1/4 IN UNC GR5 PL
20	8	250044	BOLT, HEX 7/8 X 3 IN UNC GR5 PL
21	8	250553	WASHER, FLAT 7/8IN GR8 PL
22	8	250452	NUT, HEX - 7/8 UNC PL
23	14	250555	WASHER, FLAT - 1/2 IN - GR8 - PL
24	14	250450	NUT, HEX 1/2 UNC GR5 PL
25	4	250557	WASHER, FLAT - 3/8 IN GR8 PL
26	4	250453	NUT, HEX - 3/8 UNC PL
27	8	250400	NUT, FLANGE - 3/8 UNC PL
28	32	250552	WASHER, FLAT 3/4IN GR8 PL
29	32	250451	NUT, HEX 3/4 UNC GR5 PL

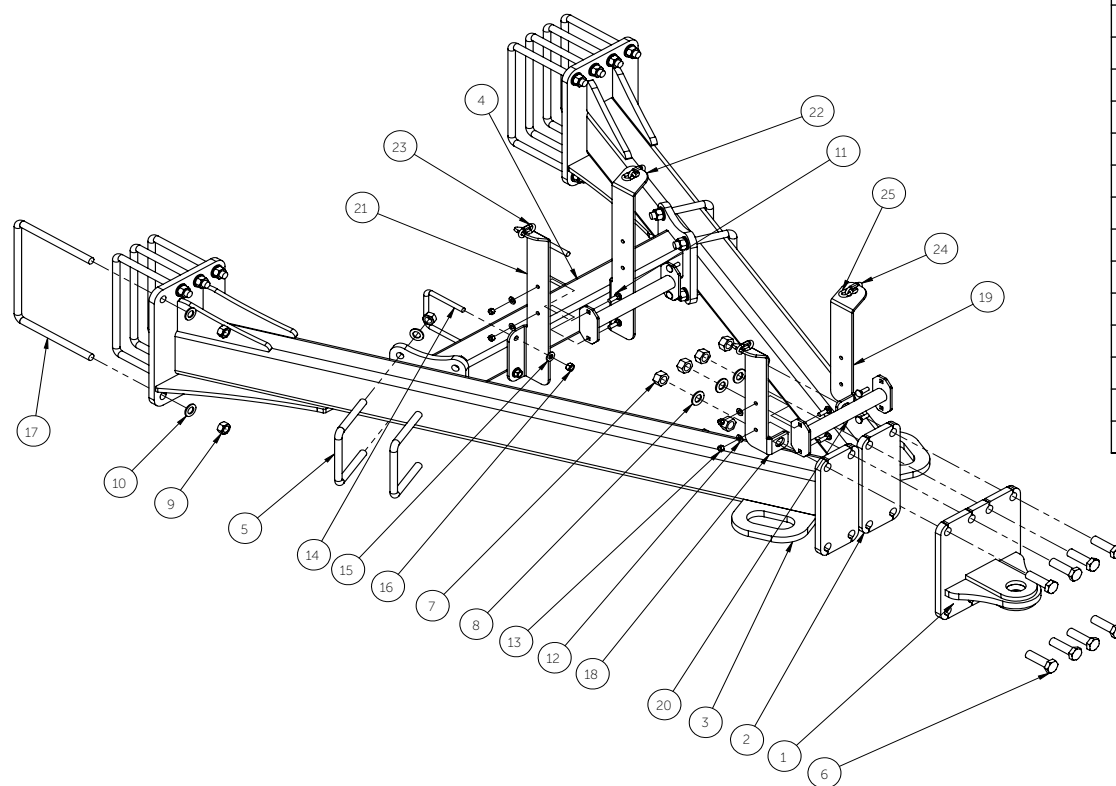




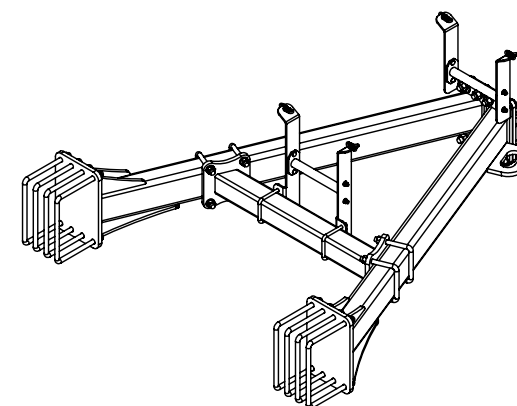
Parts Description:

Rear Hitch - Liquid Cart

Part Number: 406824



ITEM NO.	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 UN
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
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 I
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



Parts Description:

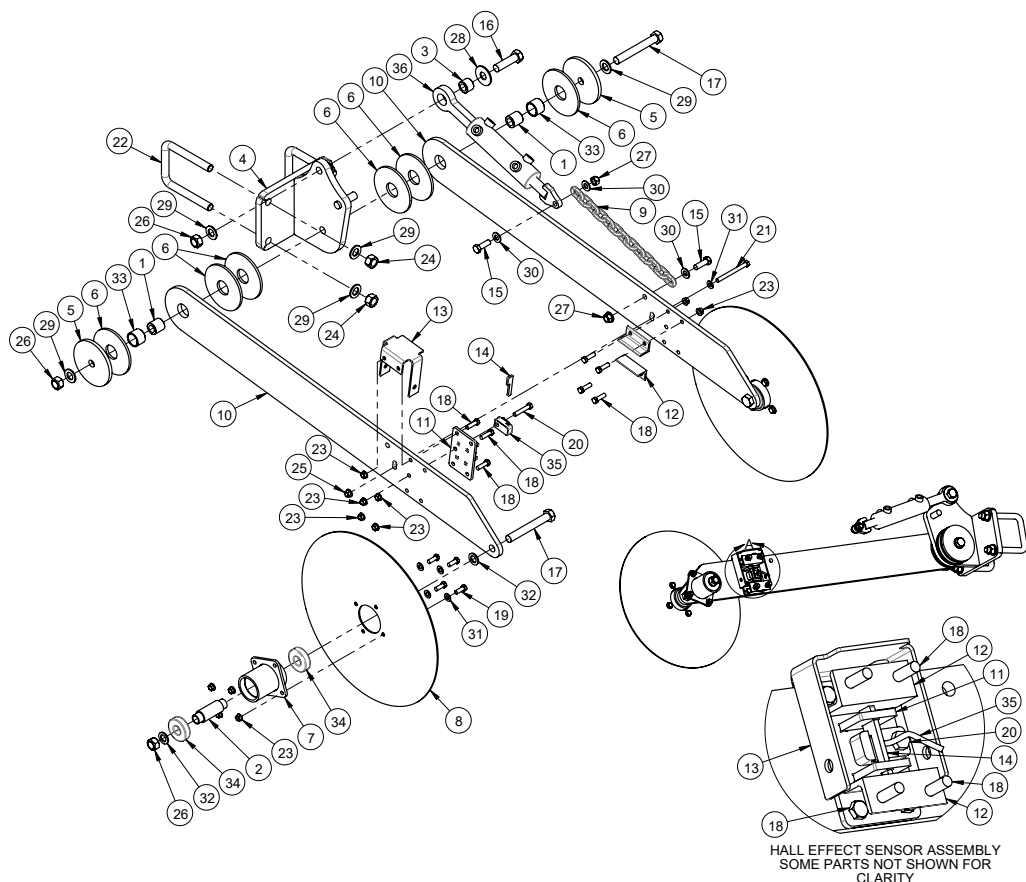
Smart Hitch Sensor Bundle Hall Effect Sensor Style

Part Number: 405700

Part Number: 405701 - M-Fold

Part Number: 405702 - Std. Raven Control

Part Number: 405703 - M-Fold Raven Control



ITEM	QTY.	PART NO.	DESCRIPTION
1	2	400222	BUSH, PIVOT SPACER 1 1/4 OD X .77 ID X 1.25 IN
2	2	400240-1	BUSH, SPACER 1 1/4 OD X .240 W X 3.925 IN - PACKER
3	1	400241-2	BUSH, CYL SPACER 1.124 OD X .77 ID X .9 IN
4	1	400935-2	ASSY, HANGING BRKT - SH SENSOR - BLK
5	2	400947	PLATE, CLAMP 3/8 IN - MAIN PIVOT - BLK
6	6	400948	PAD, WEAR 1/4 IN - UHMW - SH PIVOT
7	2	400950	ASSY, SMART HITCH SENSOR - YLW
8	2	400952	SHEET, DISK - 10 GA - SMART HITCH
9	1	400957	CHAIN, LIFT - 5/16 GR70 - 13 LINKS
10	2	405705	PLATE, MAIN ARM 1/2 IN - SMART HITCH
11	1	405710-1	ASSY, HOLDER - HALL EFFECT SENSOR - BLK
12	2	405715	ANGLE, STOP - SMART HITCH - HALL EFFECT - BLK
13	1	405716-1	PLATE, FRMD 10GA - SMART HITCH SENSOR SHEILD - BLK
14	1	405717-1	PLATE, KEY - 3/16 IN - SMART HITCH - HALL EFFECT - BLK
15	2	250001	BOLT, HEX 1/2 X 1 1/2 IN GR5 PL 1/2 IN GR5 PL
16	1	250004	BOLT, HEX 3/4 X 2 3/4 UNC GR5 PL
17	3	250005	BOLT, HEX 3/4 X 5 1/2 UNC GR5 PL
18	8	250019	BOLT, HEX 3/8 X 1 1/4 IN GR5 PL
19	8	250036	BOLT, HEX 3/8 X 1 IN GR5 PL
20	1	250039	BOLT, HEX 3/8 X 2 IN GR5 PL
21	1	250086	BOLT, HEX 3/8 X 4 IN GR5 PL
22	2	250201	BOLT, U-SQ - 3/4 UNC X 4 ID X 6 IN - 2 IN THD - GR5 PL
23	17	250400	NUT, FLANGE - 3/8 UNC PL
24	4	250451	NUT, HEX 3/4 UNC GR5 PL
25	1	250453	NUT, HEX - 3/8 UNC PL
26	4	250501	NUT, LOCK - 3/4 UNC - STOVER - PL
27	2	250504	NUT, LOCK - 1/2 UNC - STOVER - PL
28	1	250551	WASHER, FLAT 3/4 IN PL
29	7	250552	WASHER, FLAT 3/4 IN GR8 PL
30	4	250555	WASHER, FLAT - 1/2 IN - GR8 - PL
31	10	250557	WASHER, FLAT - 3/8 IN GR8 PL
32	4	250602	BUSH, 1 1/2 OD X 3/4 ID X .134 IN - PL
33	2	250604	BUSH, 1 1/2 OD X 1 1/4 ID X 1 1/8 IN - CONNEX
34	4	250705	BEARING, BALL - BEI 6305 2RS
35	1	257110	SENSOR, HALL EFFECT - SMART HITCH
36	1	258545	CYL, HYD 1 3/4 X 4 IN - SMART HITCH



Parts Description:

Lift Kit Bundles

Part Number: 404800 – Standard Frame

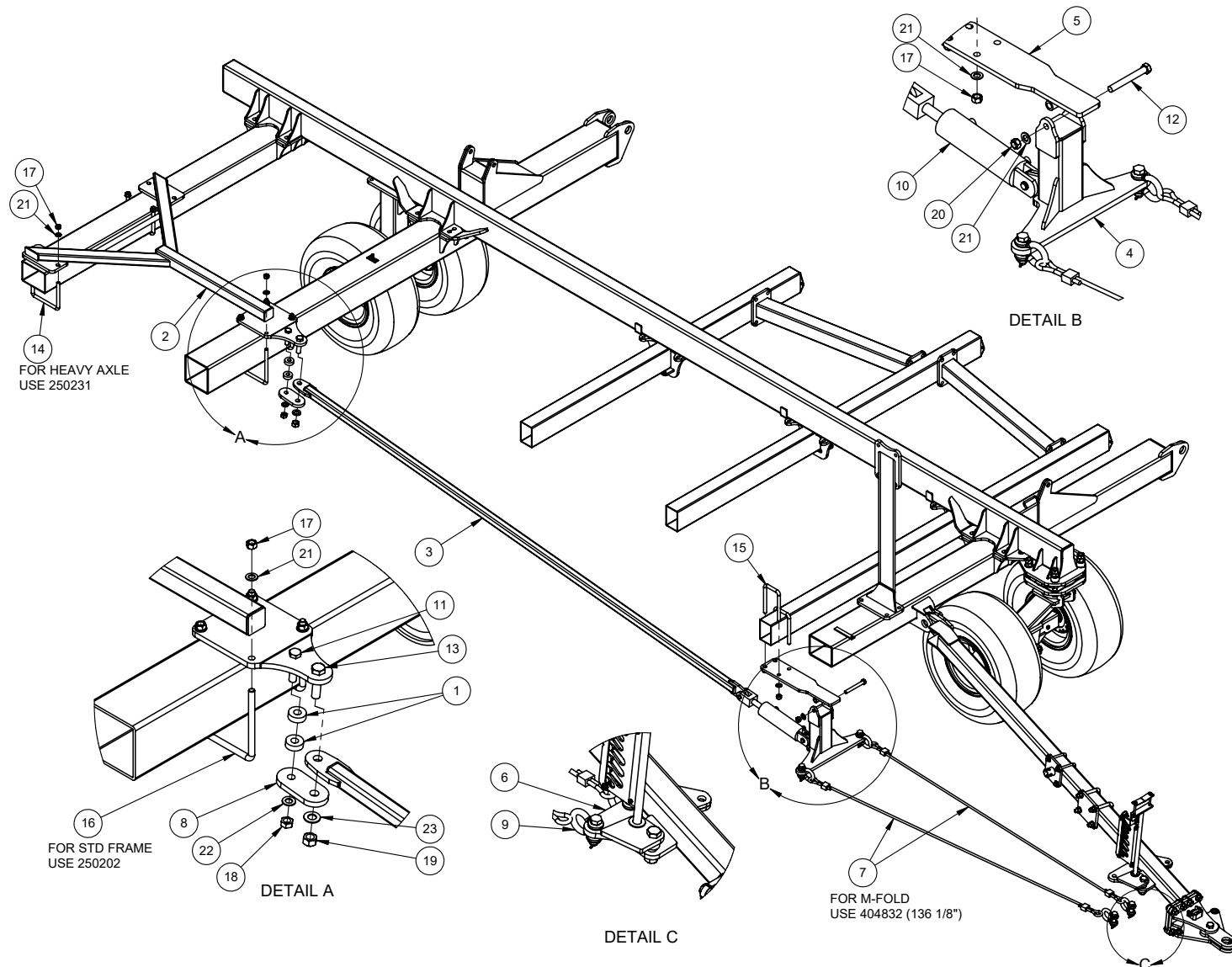
404801-1 – M-Fold Frame

404900 – Standard with Heavy Axle

404902-1 – M-Fold with Heavy Axle

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 - 550 RAILS/SXX305 - NOVA
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	250008	BOLT, HEX 7/8 X 4 UNC GR5 PL
12	1	250022	BOLT, HEX 3/4 X 5 1/2 UNC 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 - 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





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	H811	252001	251991
Main Frame	380-60R16.5	255077	H811	252001	251991
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			

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

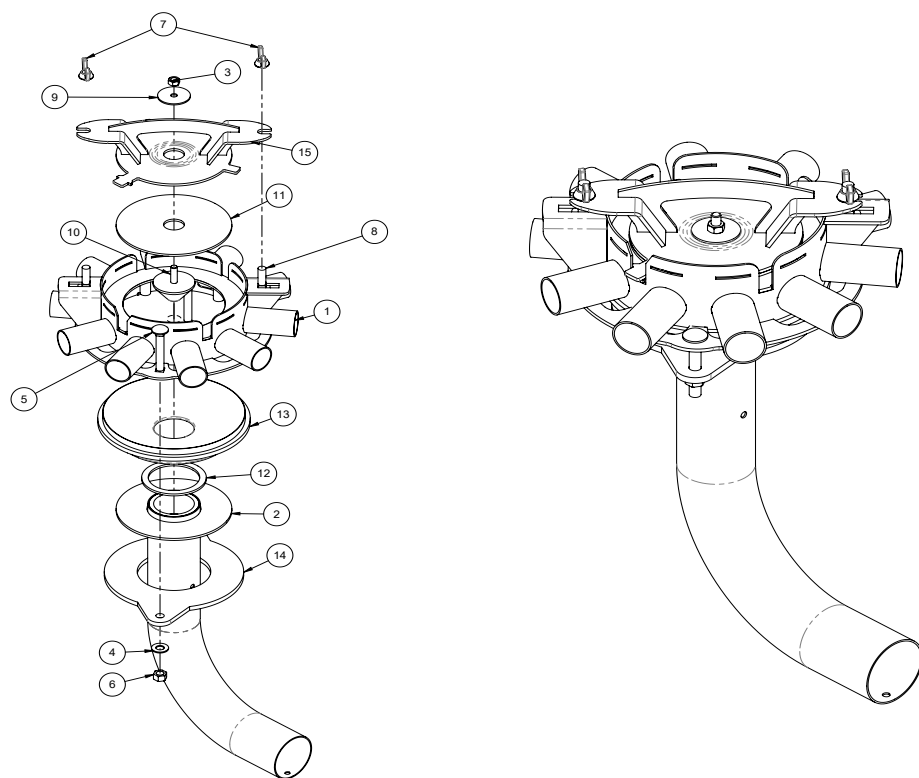
**See Wing Cylinder layout page for correct cylinder size



Parts Description:

Adjustable Manifold Distribution

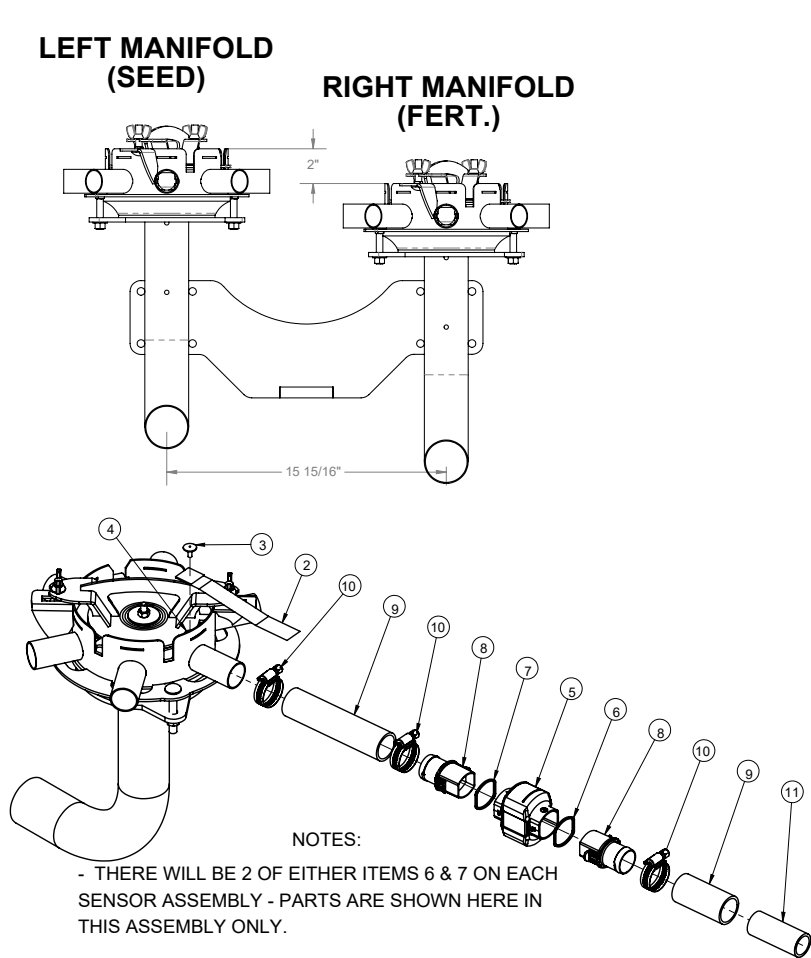
Part Number: 510590
510580
510500
510520
510540



510590 - BDL, ADJUSTABLE MANIFOLD DISTRIBUTION - 10 OUTLET - NO HOSE			
ITEM	QTY.	PART NO.	DESCRIPTION
1	1	510591	ASSY, ADJUSTABLE MANIFOLD - 10 OUTLET - SS
2	1	510512	ASSY, ADJUSTABLE MANIFOLD TUBE - 2 1/2" - BLK
3	1	250460	NUT, HEX - 5/16 UNC PL
4	2	250557	WASHER, FLAT - 3/8 IN GR8 PL
5	2	250117	BOLT, CARRIAGE - 3/8 X 1 1/2IN UND GR5 PL
6	2	250453	NUT, HEX - 3/8 UNC PL
7	2	250531	NUT, WING - 3/8 UNC - STAINLESS
8	2	250109	BOLT, CARRIAGE - 3/8 X 1 1/4 IN UNC - STAINLESS
9	1	510507	SHEET, 14 GA - WASHER - MANIFOLD - SS
10	1	510514-1	DIVIDING CONE, ADJUSTABLE MANIFOLD - 70D
11	1	510515	TOP SEAL, ADJUSTABLE MANIFOLD - EPDM - 60D
12	1	510516	BOTTOM SEAL, ADJUSTABLE MANIFOLD - EPDM - 60D
13	1	510517	BOTTOM SLOPE, ADJUSTABLE MANIFOLD - 7 OD
14	1	510518	PLATE, 1/4 IN - BTM BOLT PLATE - 7 & 8 OUTLET MANIFOLD - BLK
15	1	510596	ASSY, TOP LID - MANIFOLD - 10 OUTLET - SS
510580 - BDL, ADJUSTABLE MANIFOLD DISTRIBUTION - 9 OUTLET - NO HOSE			
ITEM	QTY.	PART NO.	DESCRIPTION
1	1	510581	ASSY, ADJUSTABLE MANIFOLD - 8 OUTLET - SS
12	1	510508	ASSY, TOP LID - MANIFOLD - 8 OUTLET - SS
15	1	510588	PLATE, 1/4 IN - BTM BOLT PLATE - 7 & 8 OUTLET MANIFOLD - BLK
510500 - BDL, ADJUSTABLE MANIFOLD DISTRIBUTION - 8 OUTLET			
ITEM	QTY.	PART NO.	DESCRIPTION
1	1	510501	ASSY, ADJUSTABLE MANIFOLD - 8 OUTLET - SS
12	1	510508	ASSY, TOP LID - MANIFOLD - 8 OUTLET - SS
15	1	510518	PLATE, 1/4 IN - BTM BOLT PLATE - 7 & 8 OUTLET MANIFOLD - BLK
510520 - BDL, ADJUSTABLE MANIFOLD DISTRIBUTION - 7 OUTLET			
ITEM	QTY.	PART NO.	DESCRIPTION
1	1	510521-1	ASSY, ADJUSTABLE MANIFOLD - 7 OUTLET - SS
12	1	510529	ASSY, TOP LID - MANIFOLD - 7 OUTLET - SS
15	1	510528	PLATE, 1/4 IN - BTM BOLT PLATE - 7 OUTLET MANIFOLD - BLK
510540 - BDL, ADJUSTABLE MANIFOLD DISTRIBUTION - 6 OUTLET			
ITEM	QTY.	PART NO.	DESCRIPTION
1	1	510532	ASSY, ADJUSTABLE MANIFOLD - 6 OUTLET - SS
12	1	510536	ASSY, TOP LID - MANIFOLD - 6 OUTLET - SS



Parts Description: Adjustable Manifold Distribution Mount



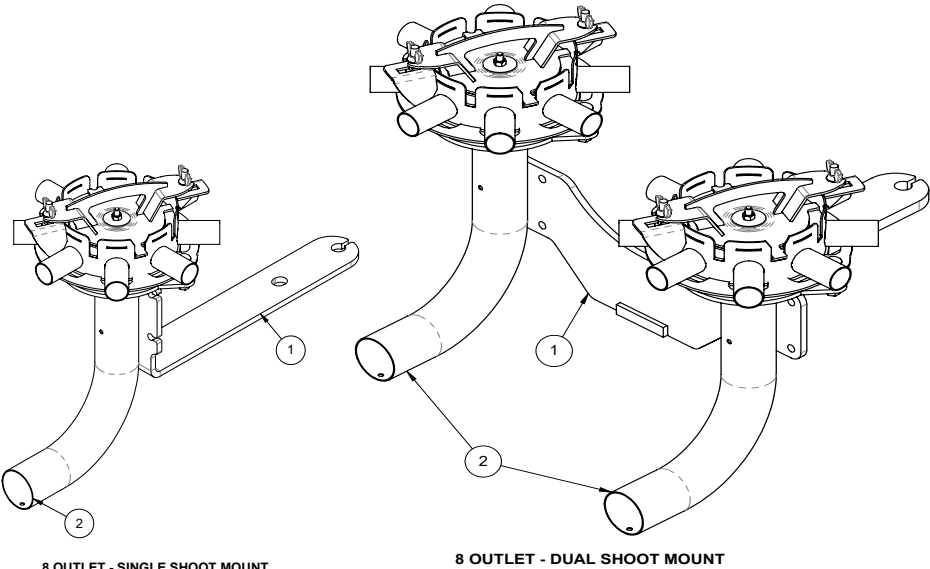
NOTES:

- THERE WILL BE 2 OF EITHER ITEMS 6 & 7 ON EACH SENSOR ASSEMBLY - PARTS ARE SHOWN HERE IN THIS ASSEMBLY ONLY.

- ITEM #2 TO BE CLAMPED TO #9 WITH THE 2ND ITEM #10.

BLOCKAGE SENSOR MOUNT			
ITEM	QTY	PART NO.	DESCRIPTION
1	1	510540	BDL, ADJUSTABLE MANIFOLD DISTRIBUTION - 6 OUTLET
2	1	510551-1	STRAP, 1 IN POLY WEBBING - SEWN - 1/2 IN ROD
3	1	250664	RIVET - 3/16 IN DIA. - LARGE FLANGE
4	1	250687	WASHER, 1/2" RD BKUP 3/16 RIVET - STEEL
5	1	270531	SENSOR, XEED - BLACKEYE
6	1	270524	ADAPTER, FERT HOSE - SEALING - BLUE
7	1	270526	ADAPTER, FERT HOSE - SEALING - YELLOW
8	2	270527	ADAPTOR, BLACKEYE SENSOR
9	2	256502	HOSE - 1 1/4 IN - SPIRAL BRAIDED
10	3	256617	CLAMP, GEAR - S/S - 1 1/4 IN - HAS20
11	1	256505	TUBING - 1 IN EVA PERSONALIZED

Dual Shoot with 8 Outlet Adjustable Manifold Distribution			
ITEM	QTY.	PART NO.	DESCRIPTION
1	1	510255	ASSY, MANIFOLD MOUNT - DUAL - NOVA - BLK
2	2	510500	BDL, ADJUSTABLE MANIFOLD DISTRIBUTION - 8 OUTLET
Single Shoot with 8 Outlet Adjustable Manifold Distribution			
1	1	510255	ASSY, MANIFOLD MOUNT - DUAL - NOVA - BLK
2	1	510252-1	PLATE, FRMD 3/8 IN - SINGLE MANIFOLD MNT - BLK

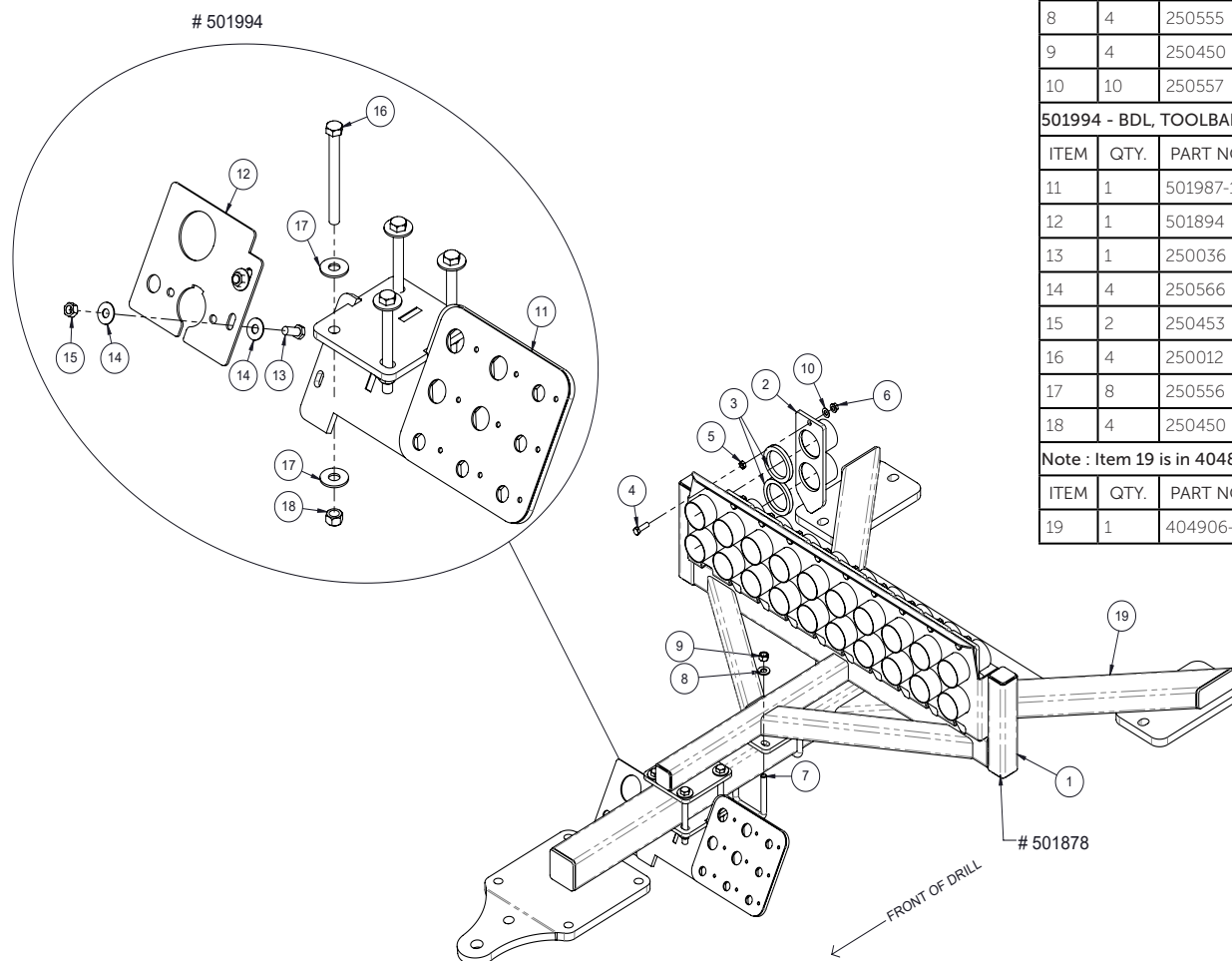


Parts Description:

Quick Hose Disconnect

Dual Shoot - 10 Zone

Part Number: 501878



501878 - BDL, QUICK HOSE DISCONNECT - DUAL SHOOT - 10 ZONE - NOVA - ULTRAPRO II			
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
501994 - BDL, TOOLBAR REAR QUICK COUPLING, HYD/ELEC			
ITEM	QTY.	PART NO.	DESCRIPTION
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
Note : Item 19 is in 404800 - BDL, LIFT KIT - STANDARD FRAME			
ITEM	QTY.	PART NO.	DESCRIPTION
19	1	404906-2	ASSY, LIFT KIT - REAR BEAM MNT - NOVA - BLK

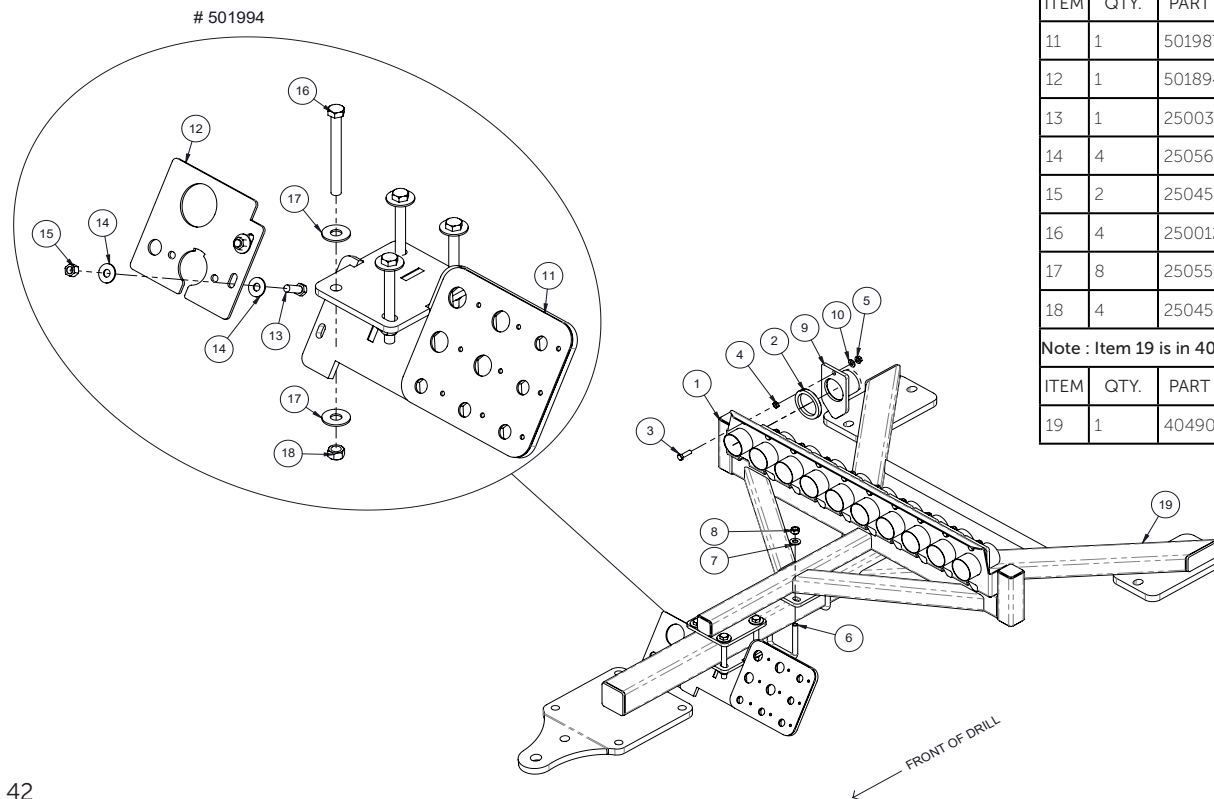


Parts Description:

Quick Hose Disconnect

Single Shoot - 10 Zone

Part Number: 501885



501885 - BDL, QUICK HOSE DISCONNECT - SINGLE SHOOT - 10 ZONE - NOVA - ULTRAPRO II			
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
501994 - BDL, TOOLBAR REAR QUICK COUPLING, HYD/ELEC			
ITEM	QTY.	PART NO.	DESCRIPTION
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
Note : Item 19 is in 404800 - BDL, LIFT KIT - STANDARD FRAME			
ITEM	QTY.	PART NO.	DESCRIPTION
19	1	404906-2	ASSY, LIFT KIT - REAR BEAM MNT - NOVA - BLK

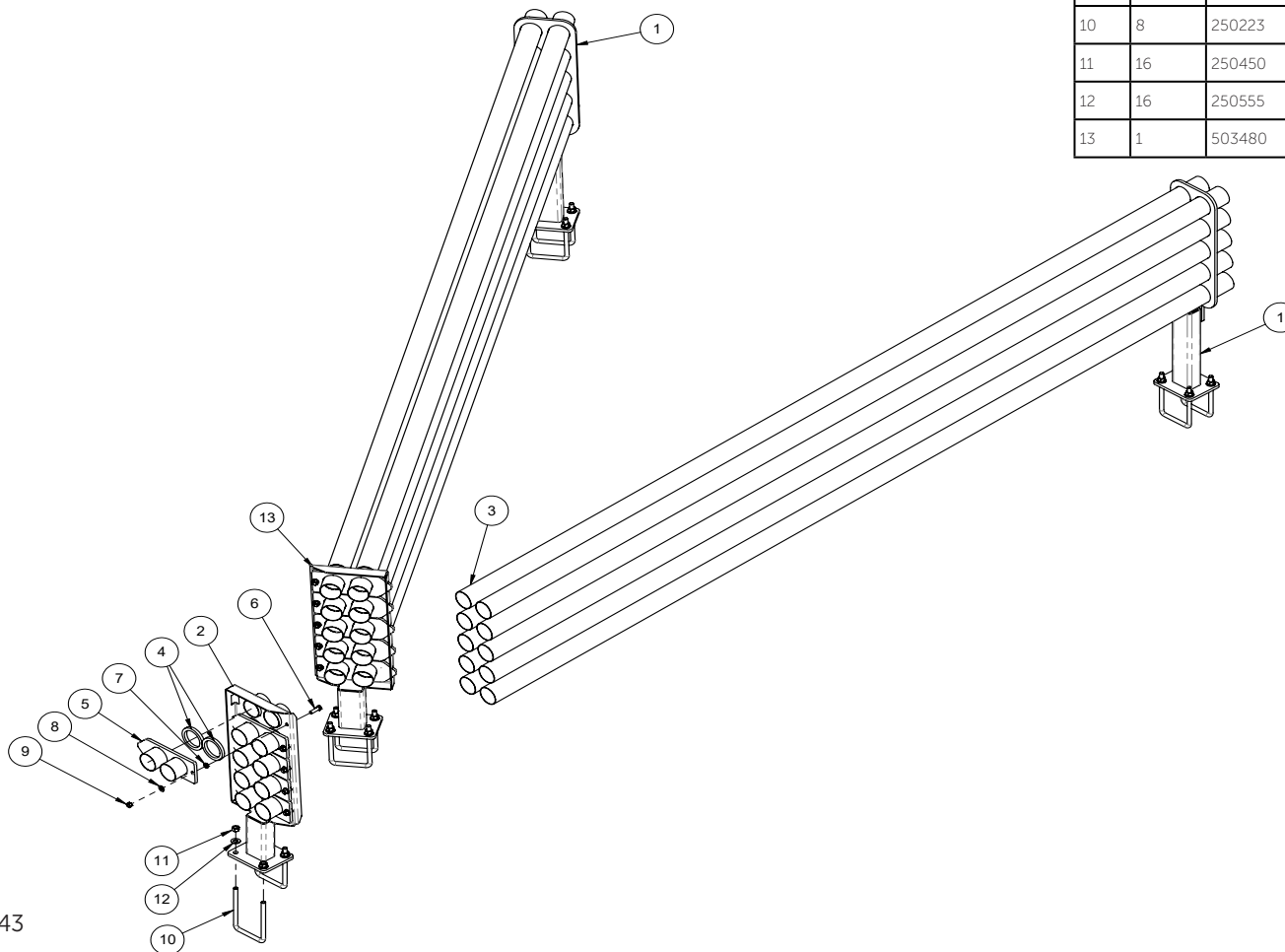


Parts Description:

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

Part Number: 503460

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

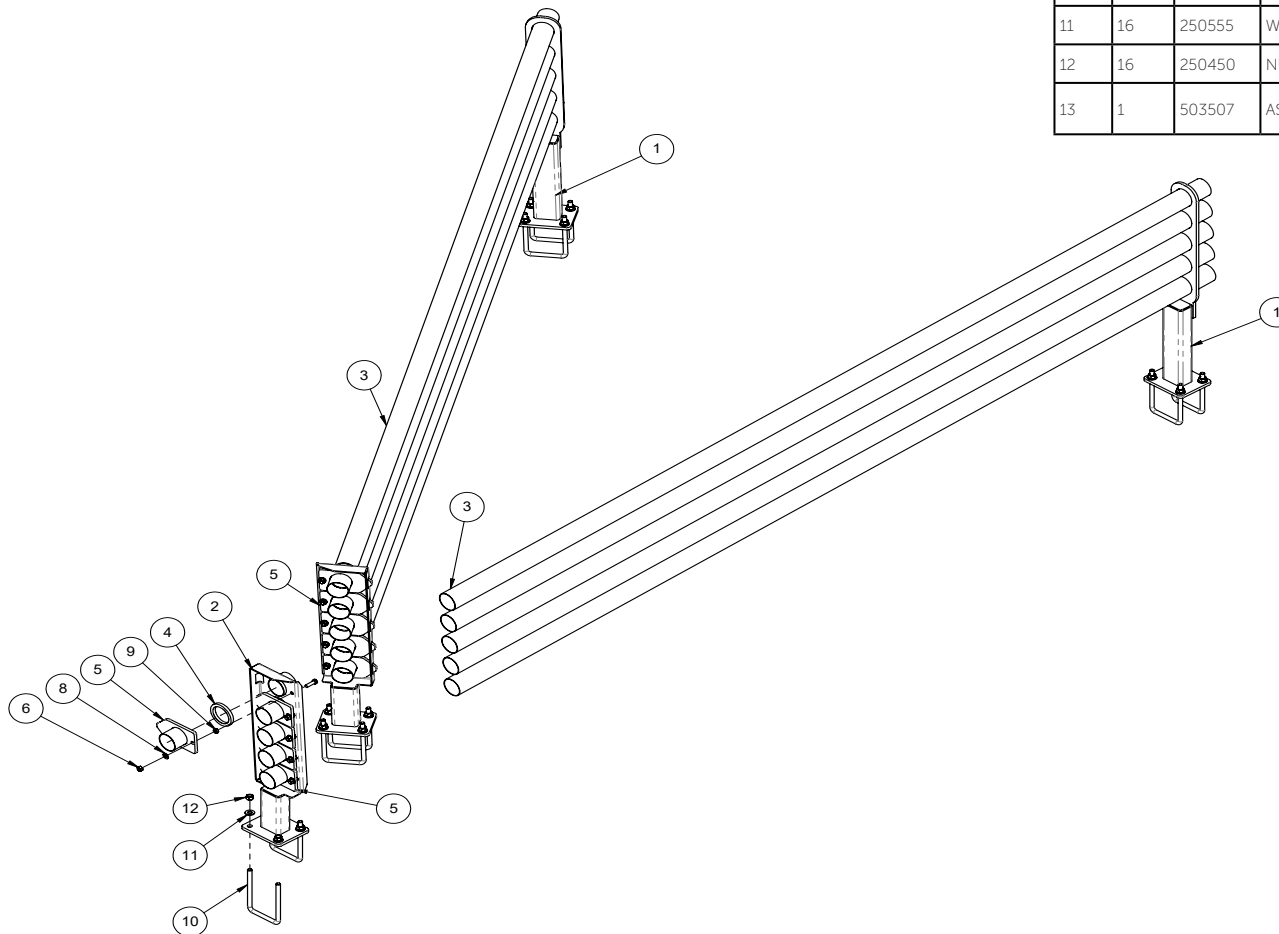


Parts Description:

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

Part Number: 503500

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



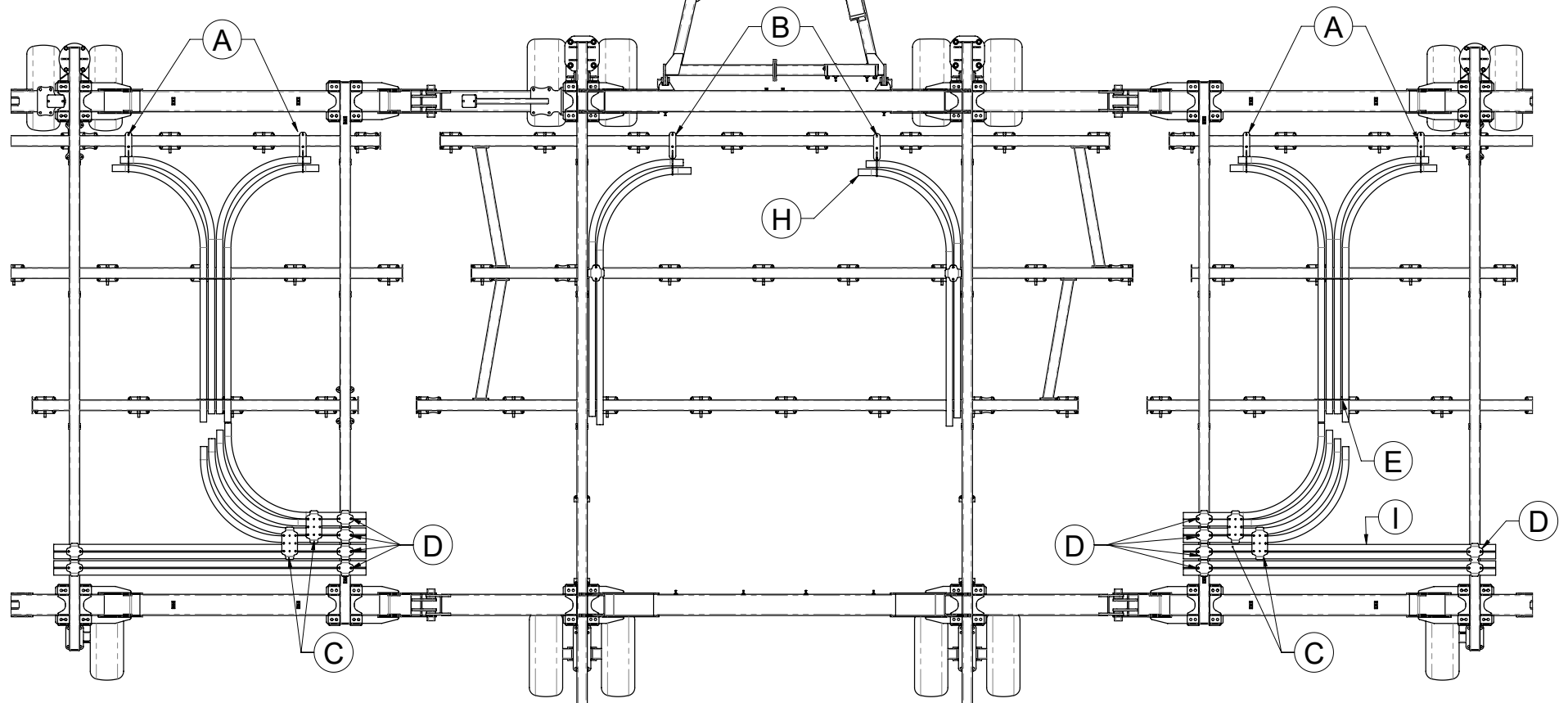
Parts Description: J-Pipes Layout Dual Shoot & Single Shoot

BDL, DISTRIBUTION PIPES - DUAL SHOOT	
510360	BDL, TOOLBAR DIST PIPES - DUAL SHOOT - 2 1/2 IN - NOVA - M70/M80
510361	BDL, TOOLBAR DIST PIPES - DUAL SHOOT - 2 1/2 IN - NOVA - M90/M80CT
510362	BDL, TOOLBAR DIST PIPES - DUAL SHOOT - 2 1/2 IN - NOVA - M90/M80CT - 8 ZONE
510363	BDL, TOOLBAR DIST PIPES - DUAL SHOOT - 2 1/2 IN - NOVA - WIDE 3 PLEX
510364	BDL, TOOLBAR DIST PIPES - DUAL SHOOT - 2 1/2 IN - NOVA - STD 5 PLEX
510365	BDL, TOOLBAR DIST PIPES - DUAL SHOOT - 2 1/2 IN - NOVA - 40CT 3 PLEX
510366	BDL, TOOLBAR DIST PIPES - DUAL SHOOT - 2 1/2 IN - NOVA - 50CT 3 PLEX
510367	BDL, TOOLBAR DIST PIPES - DUAL SHOOT - 2 1/2 IN - NOVA - M50
510368	BDL, TOOLBAR DIST PIPES - DUAL SHOOT - 2 1/2 IN - NOVA - M60
510369	BDL, TOOLBAR DIST PIPES - DUAL SHOOT - 2 1/2 IN - NOVA - M100
BDL, DISTRIBUTION PIPES - DUAL SHOOT	
501371	BDL, TOOLBAR DIST PIPES - SINGLE SHOOT - 2 1/2 IN - NOVA - WIDE 3 PLEX
501372	BDL, TOOLBAR DIST PIPES - SINGLE SHOOT - 2 1/2 IN - NOVA - STD 5 PLEX
510373	BDL, TOOLBAR DIST PIPES - SINGLE SHOOT - 2 1/2 IN - NOVA - 40CT 3 PLEX
510374	BDL, TOOLBAR DIST PIPES - SINGLE SHOOT - 2 1/2 IN - NOVA - 50CT 3 PLEX
510375	BDL, TOOLBAR DIST PIPES - SINGLE SHOOT - 2 1/2 IN - NOVA - M50
510376	BDL, TOOLBAR DIST PIPES - SINGLE SHOOT - 2 1/2 IN - NOVA - M60
510377	BDL, TOOLBAR DIST PIPES - SINGLE SHOOT - 2 1/2 IN - NOVA - M70/M80
510378	BDL, TOOLBAR DIST PIPES - SINGLE SHOOT - 2 1/2 IN - NOVA - M90/M80CT
510379	BDL, TOOLBAR DIST PIPES - SINGLE SHOOT - 2 1/2 IN - NOVA - M100

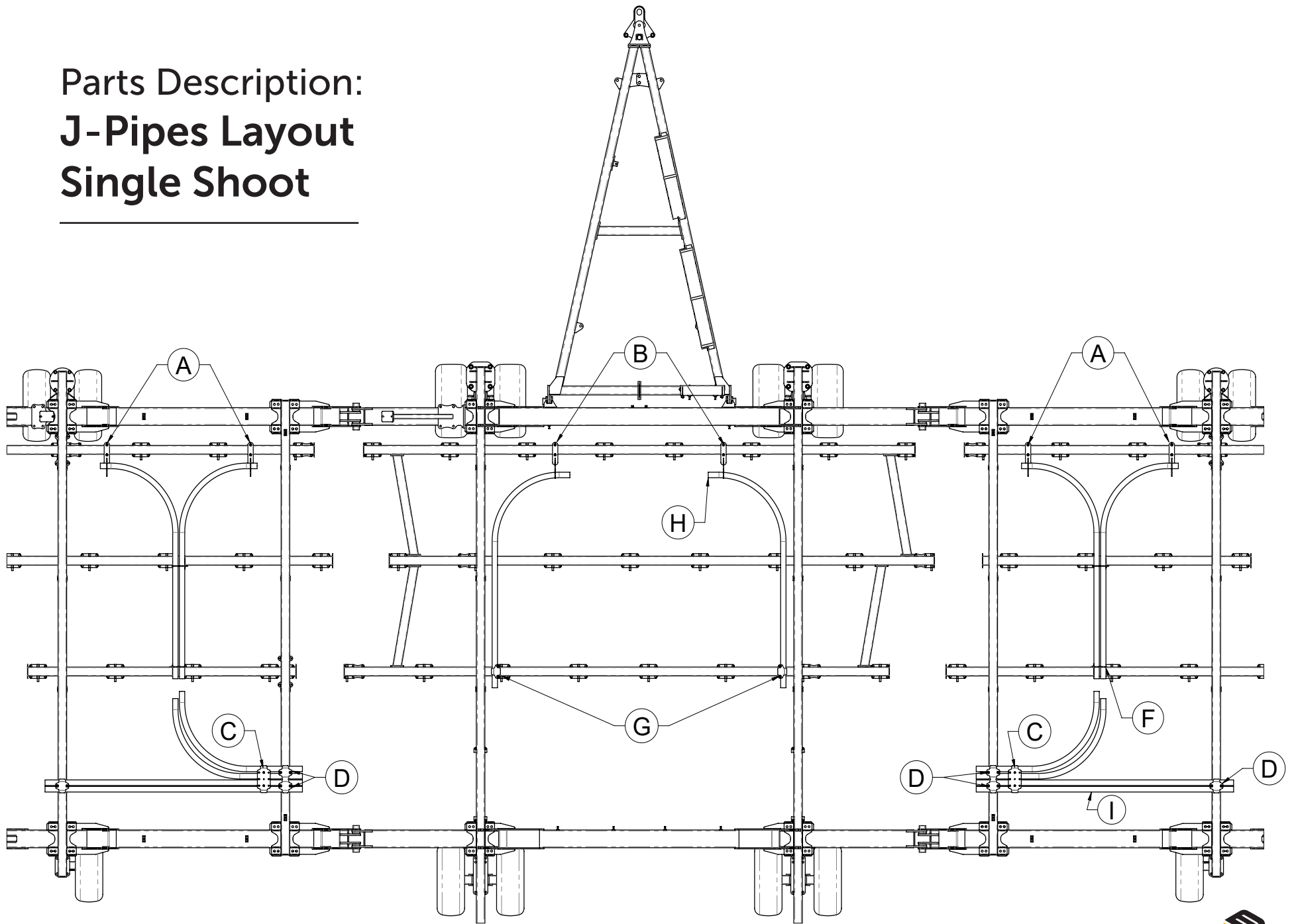
ITEM NO.	DESCRIPTION	FRAME SIZE	LENGTH	PART NO.
I	TOOLBAR DISTRIBUTION - STRAIGHT PIPES	M50	62 IN	510268
		M60	90 IN	510266-1
		M70	120 IN	510265
		M80	120 IN	510265
		M80 CT	146 IN	510267-1
		M90	146 IN	510267-1
		M100	172 IN	510269
H	TOOLBAR DISTRIBUTION - CURVED PIPES	CUT TO SIZE		510317



Parts Description: J-Pipes Layout Dual Shoot



Parts Description: J-Pipes Layout Single Shoot



Parts Description:

J-Pipes Layout Pipe Holders

Dual Shoot & Single Shoot

A - 510314 - BDL, PIPE HOLDER - DISTRIBUTION - 6IN - 2 PIPE			
ITEM	QTY.	PART NO.	DESCRIPTION
1	1	510315	ASSY, DELIVERY PIPE HOLDER - 6IN- 2 PIPE - BLK
2	1	250218	BOLT, U-SQ - 1/2 UNC X 4 ID X 8 IN - 2 IN THD - GR5 PL
3	2	250504	NUT, LOCK - 1/2 UNC - STOVER - PL
4	2	250555	WASHER, FLAT - 1/2 IN - GR8 - PL

B - 510309 - BDL, PIPE HOLDER - DISTRIBUTION - 2 PIPE			
ITEM	QTY.	PART NO.	DESCRIPTION
1	1	510310	ASSY, DELIVERY PIPE HOLDER - 2 PIPE - BLK
2	1	250218	BOLT, U-SQ - 1/2 UNC X 4 ID X 8 IN - 2 IN THD - GR5 PL
3	2	250555	WASHER, FLAT - 1/2 IN - GR8 - PL
4	2	250504	NUT, LOCK - 1/2 UNC - STOVER - PL

C - 510303-1 - BDL - HANGER - 4 PIPE - DISTRIBUTION			
ITEM	QTY.	PART NO.	DESCRIPTION
2	2	250053	BOLT, HEX - 3/8 X 3 1/2 UNC GR5 PL
3	2	250557	WASHER, FLAT - 3/8 IN GR8 PL
4	2	250466	NUT, JAM - 3/8 UNC
5	2	510251-1	PLATE, FRMD 10 GA - HANGER - 4 PIPE. DISTRIBUTION - BLK

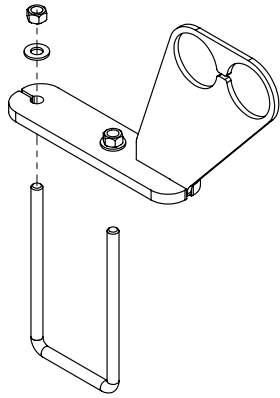
D - 510302 - BDL - HANGER - 2 PIPE - DISTRIBUTION			
ITEM	QTY.	PART NO.	DESCRIPTION
1	1	510250	PLATE, FRMD 10GA - PIPE HANGER - DISTRIBUTION - BLK
2	1	250219	BOLT, U-SQ - 1/2 UNC X 4 ID X 8 IN - 2 IN THD - GR5 PL
3	2	250555	WASHER, FLAT - 1/2 IN - GR8 - PL
4	2	250504	NUT, LOCK - 1/2 UNC - STOVER - PL

E - 510216 - BDL, PIPE HOLDER - DISTRIBUTION - 4 PIPE - OFFSET			
ITEM	QTY.	PART NO.	DESCRIPTION
1	1	510217	PLATE, GUIDE 1/4 IN - DELIVERY PIPE - 4 PIPE - OFFSET - BLK
2	1	250213	BOLT, U-SQ - 1/2 UNC X 4 ID X 5 IN - 2 IN THD - GR8 PL
3	2	250555	WASHER, FLAT - 1/2 IN - GR8 - PL
4	2	250504	NUT, LOCK - 1/2 UNC - STOVER - PL

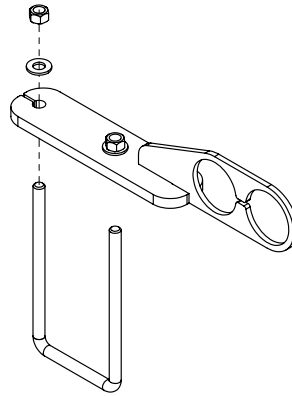
F - 510219 - BDL, PIPE HOLDER - DISTRIBUTION - 2 PIPE - OFFSET			
ITEM	QTY.	PART NO.	DESCRIPTION
1	1	510218	PLATE, GUIDE 1/4 IN - DELIVERY PIPE - 2 PIPE - OFFSET - BLK
2	1	250213	BOLT, U-SQ - 1/2 UNC X 4 ID X 5 IN - 2 IN THD - GR8 PL
3	2	250555	WASHER, FLAT - 1/2 IN - GR8 - PL
4	2	250504	NUT, LOCK - 1/2 UNC - STOVER - PL

G - 510338 - BDL - HANGER - SINGLE PIPE - DISTRIBUTION			
ITEM	QTY.	PART NO.	DESCRIPTION
1	1	510337	PLATE, FRMD 10GA - PIPE HANGER - DISTRIBUTION - BLK
2	1	250219	BOLT, U-SQ - 1/2 UNC X 4 ID X 8 IN - 2 IN THD - GR5 PL
3	2	250555	WASHER, FLAT - 1/2 IN - GR8 - PL
4	2	250504	NUT, LOCK - 1/2 UNC - STOVER - PL

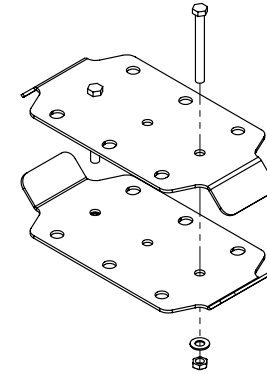




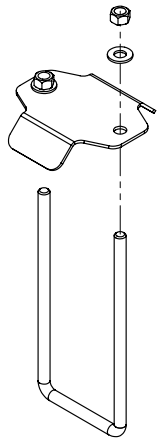
510314 - BDL, PIPE HOLDER - DISTRIBUTION - 6IN - 2 PIPE



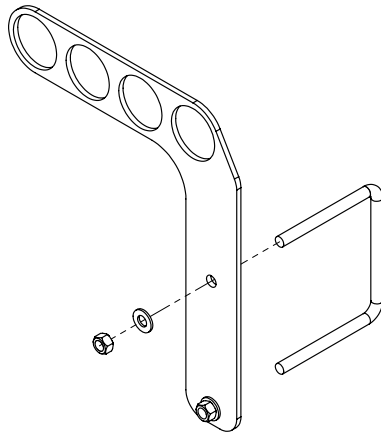
510309 - BDL, PIPE HOLDER - DISTRIBUTION - 2 PIPE



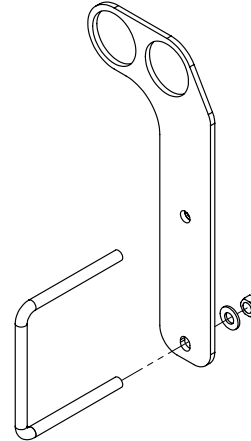
510303 - BDL - HANGER - 4 PIPE - DISTRIBUTION



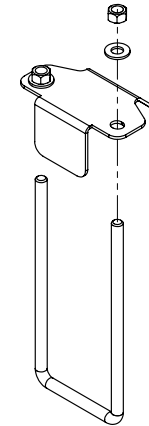
510302 - BDL - HANGER - 2 PIPE - DISTRIBUTION



510216 - BDL, PIPE HOLDER - DISTRIBUTION - 4 PIPE - OFFSET



510219 - BDL, PIPE HOLDER - DISTRIBUTION - 2 PIPE - OFFSET



510338 - BDL - HANGER - SINGLE PIPE - DISTRIBUTION

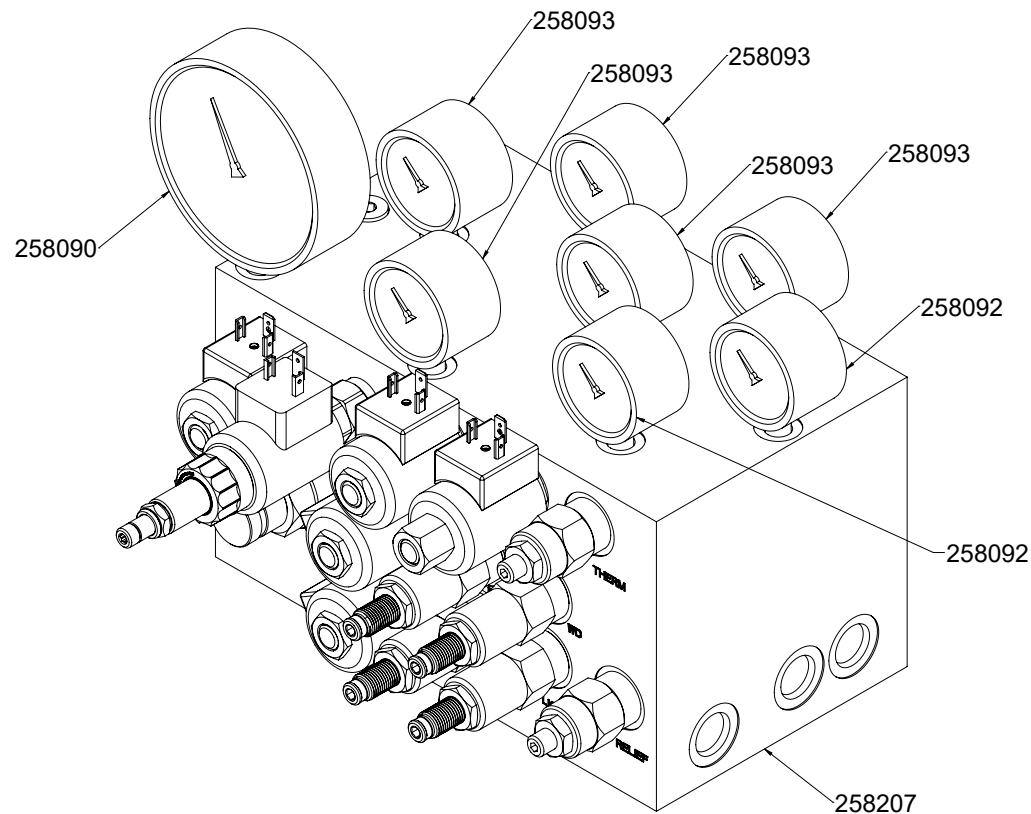


Parts Description:

Main Hydraulic Block

Part Number: 258207

QTY.	PART NO.	DESCRIPTION
1	258350	VALVE, PILOT TO SHIFT - EATON PTS11-12-9-80-00
2	258349	VALVE, PRES-RED - EATON PRV2-10-S-0-35/15
1	258352	VALVE, SOLENOID 4W2P - EATON SV2-10-4-0-00
2	258353	SOLENOID - WING LOCK - EATON SBV11-10
1	258354	VALVE, SOLENOID - OUTER WING - EATON SV4-10-0
1	258355	VALVE, SOLENOID - FAST WING - EATON SV4-10-3
1	258356	VALVE, RELIEF - THERMAL - EATON 1DR30P20S-SP2500
1	258357	VALVE, CHECK - WING - EATON CV310P03
2	258358	COIL, 12V - EATON MCSCH012DG
3	258359	COIL, 12V - EATON MCSCJ012DG
1	258360	VALVE, RELIEF - TANK LINE - EATON 1DR30P10S
2	258351	VALVE, PRES-RED - EATON PRV2-10-S-0-25/15
1	258265	VALVE, MAIN STAGE RELIEF - SUN RPEC-8WN - SHANK PRESSURE
1	258266	VALVE, PWM PILOT STAGE - SUN RBAP-LBN - 150-1500 PSI W/MANUAL OVERRIDE
1	258298	COIL, SOLENOID - 12 VOLT - 770-212 - SUN
1	258366	CAVITY PLUG-12-4 CAVITY - BLOCK SHUTOFF PLUG





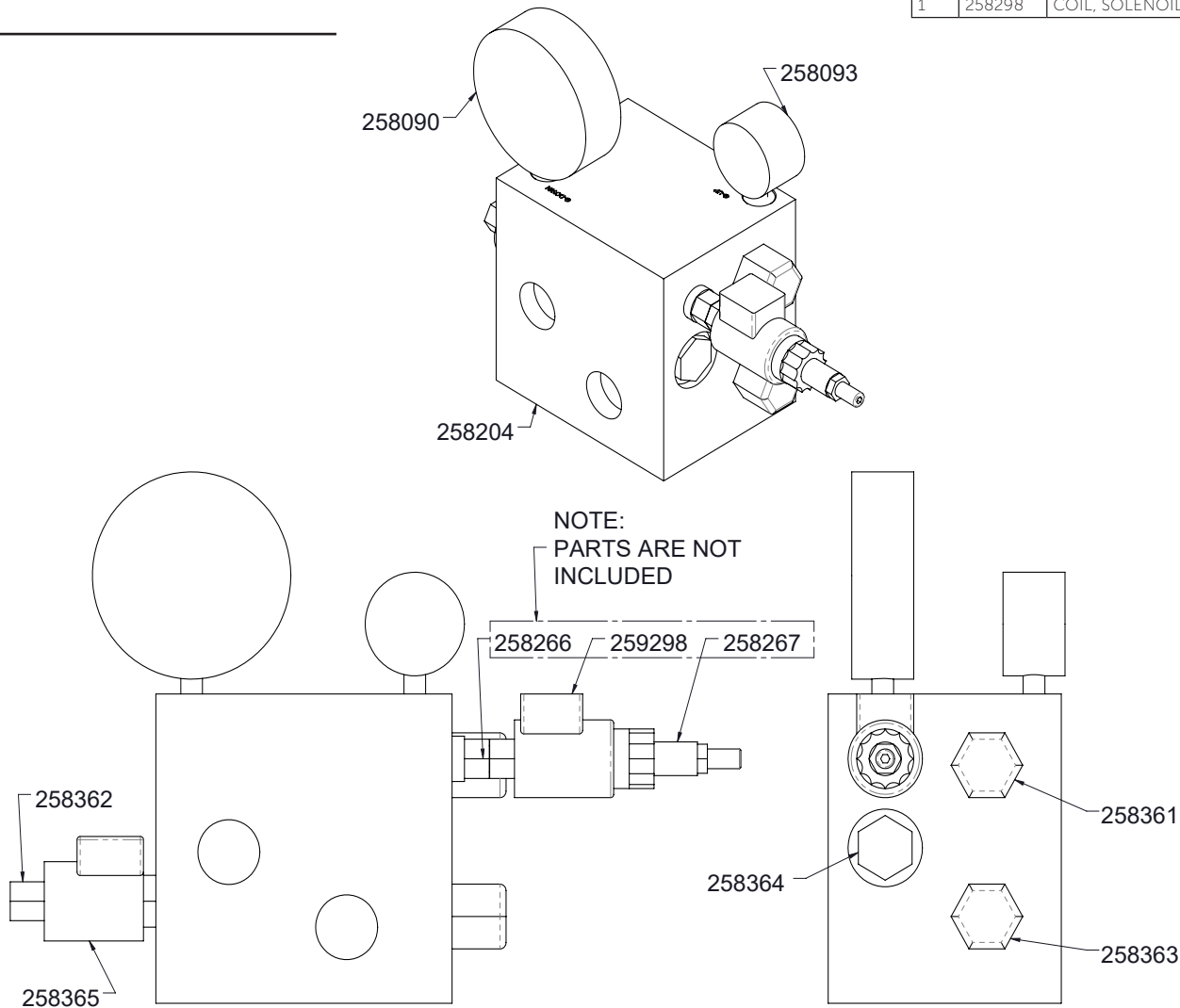
Parts Description:

Smart Openers

Hydraulic Manifold

Part Number: 258204

QTY.	PART NO.	DESCRIPTION
1	258361	VALVE, PILOT TO SHIFT - EATON PTS2-16-0-160
1	258362	VALVE, SOLENOID - EATON SV4-8-3-0-00
1	258363	VALVE, PILOT TO SHIFT - EATON PTS3-16-0-160
1	258364	VALVE, CHECK - EATON CV11-12-P-0-2.5
1	258365	VALVE, COIL, 12V - EATON MCSCS012DG
1	258267	VALVE, REDUCING/RELIEVING - SUN PPFB-8WN - SMARTOPENERS
1	258266	VALVE, PWM PILOT STAGE - SUN RBAP-LBN - 150-1500 PSI W/MANUAL OVERRIDE - SHANK PRESSURE
1	258298	COIL, SOLENOID - 12 VOLT - 770-212 - SUN

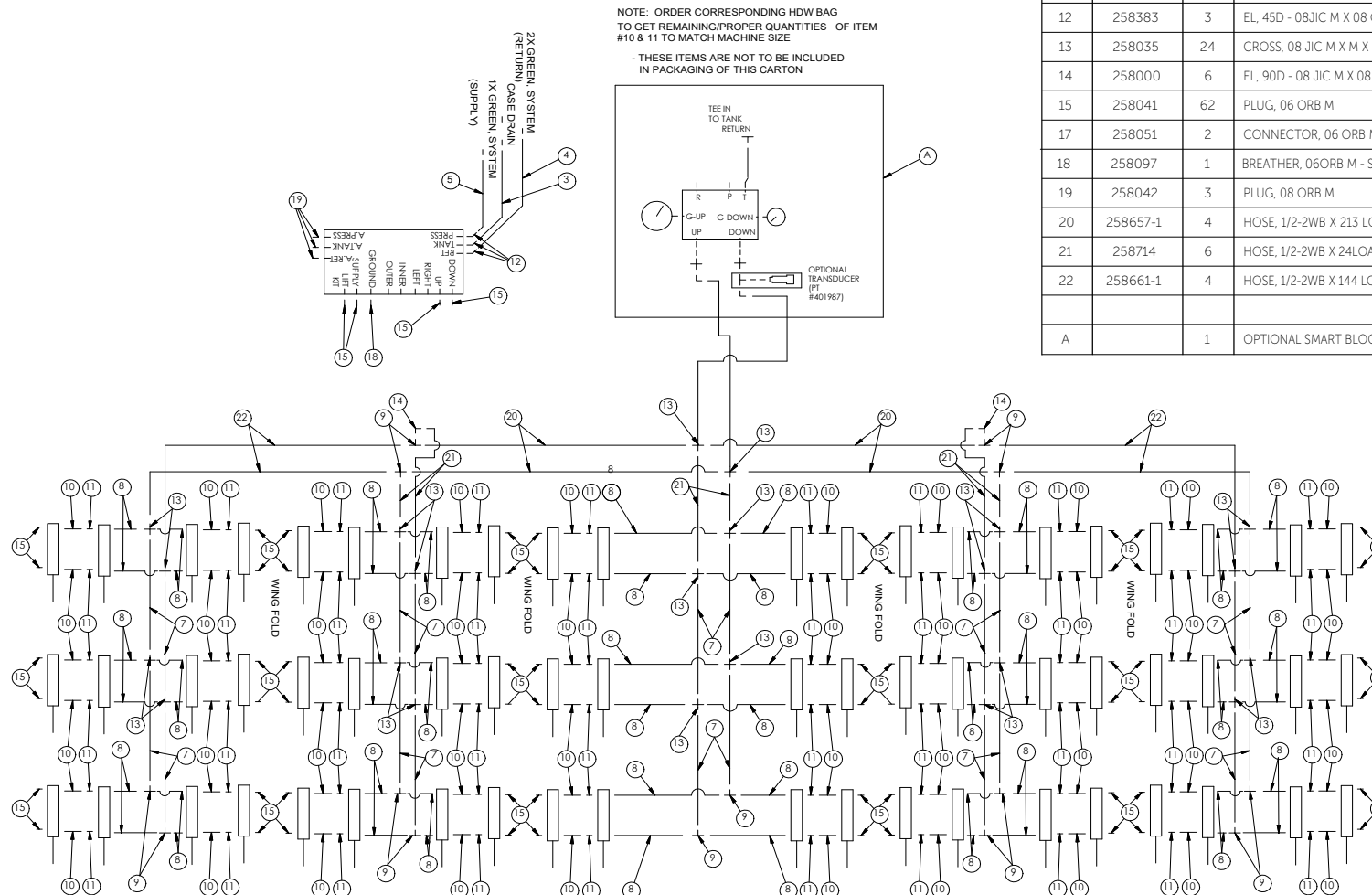


Parts Description:

Hydraulic Schematic - Openers

Part Number: 401208-1

ITEM	PART NO.	QTY.	DESCRIPTION
3	401204-1	1	ASSY, HOSE - 1/2-2WB X 264LOA - C/W FITTINGS
4	401205-1	1	ASSY, HOSE - 1/2-2WB X 264LOA - C/W FITTINGS - 2GRN
5	401206-1	1	ASSY, HOSE - 1/2-2WB X 264LOA - C/W FITTINGS - 1GRN
7	258137	20	HOSE, 1/2-2WB X 48LOA - 08JIC F-SW X 08JIC F-SW
8	258102	60	HOSE, 3/8-2WB X 26LOA - 08JIC F-SW X 06 ORB M
9	258028	14	TEE, 08 JIC M X M X M
10	*	*	OPENER - VARIES BY MACHINE
11	258051	?	CONNECTOR, 06 ORB M X 06 JIC M
12	258383	3	EL, 45D - 08JIC M X 08 ORB M
13	258035	24	CROSS, 08 JIC M X M X M X M
14	258000	6	EL, 90D - 08 JIC M X 08 JIC F-SW
15	258041	62	PLUG, 06 ORB M
17	258051	2	CONNECTOR, 06 ORB M X 06 JIC M
18	258097	1	BREATHER, 06ORB M - SINTERED BRONZE
19	258042	3	PLUG, 08 ORB M
20	258657-1	4	HOSE, 1/2-2WB X 213 LOA - 08 JIC F-SW X 08 JIC F-SW
21	258714	6	HOSE, 1/2-2WB X 24LOA - 08JIC F-SW X 08JIC F-SW
22	258661-1	4	HOSE, 1/2-2WB X 144 LOA - 08 JIC F-SW X 08 JIC F-SW
A		1	OPTIONAL SMART BLOCK



Parts Description:

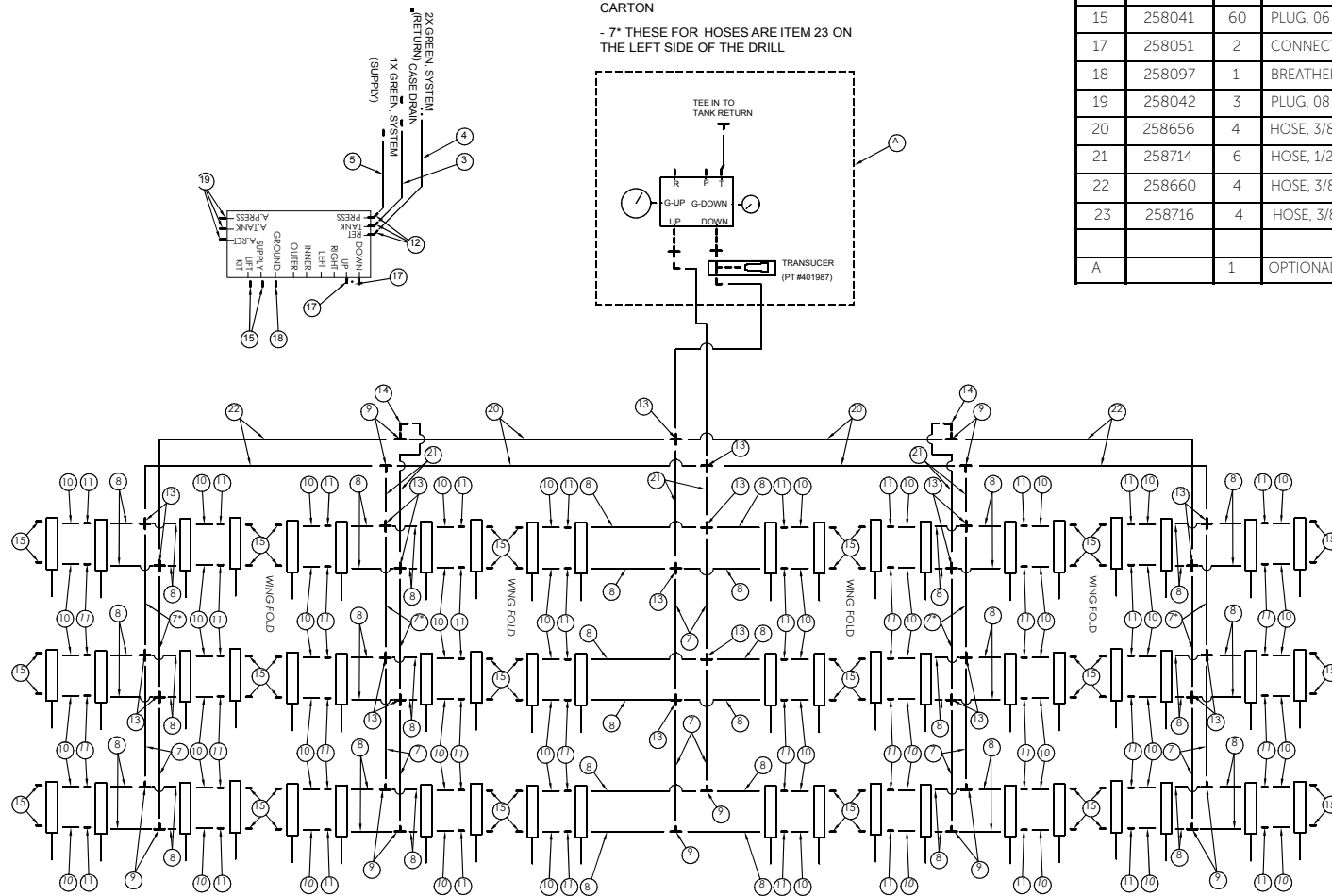
Hydraulic Schematic - M-Fold Opener

Part Number: 401207-1

NOTE: ORDER CORRESPONDING HDW
BAG TO GET REMAINING/PROPER
QUANTITIES OF ITEM #10 & 11 TO
MATCH MACHINE SIZE

- THESE ITEMS ARE NOT TO BE
INCLUDED IN PACKAGING OF THIS
CARTON

- 7" THESE FOR HOSES ARE ITEM 23 ON
THE LEFT SIDE OF THE DRILL



ITEM	PART NO.	QTY.	DESCRIPTION
3	401204-1	1	ASSY, HOSE - 1/2-2WB X 264LOA - C/W FITTINGS
4	401205-1	1	ASSY, HOSE - 1/2-2WB X 264LOA - C/W FITTINGS - 2GRN
5	401206-1	1	ASSY, HOSE - 1/2-2WB X 264LOA - C/W FITTINGS - 1GRN
7	258137	16	HOSE, 1/2-2WB X 48LOA - 08JIC F-SW X 08JIC F-SW
8	258102	60	HOSE, 3/8-2WB X 26LOA - 08JIC F-SW X 06 ORB M
9	258028	14	TEE, 08 JIC M X M X M
10	*	*	OPENERS - VARIES BY MACHINE
11	258051	?	CONNECTOR, 06 ORB M X 06 JIC M
12	258383	3	EL, 45D - 08JIC M X 08 ORB M
13	258035	24	CROSS, 08 JIC M X M X M X M
14	258000	6	EL, 90D - 08 JIC MK 08 JIC F-SW
15	258041	60	PLUG, 06 ORB M
17	258051	2	CONNECTOR, 06 ORB M X 06 JIC M
18	258097	1	BREATHER, 06ORB M - SINTERED BRONZE
19	258042	3	PLUG, 08 ORB M
20	258656	4	HOSE, 3/8-2WB X 243 LOA - 08 JIC F-SW X 08 JIC F-SW
21	258714	6	HOSE, 1/2-2WB X 24LOA - 08JIC F-SW X 08JIC F-SW
22	258660	4	HOSE, 3/8-2WB X 170 LOA - 08 JIC F-SW X 08 JIC F-SW
23	258716	4	HOSE, 3/8-2WB X 63 LOA - 08 JIC F-SW X 08 JIC F-SW
A		1	OPTIONAL SMART BLOCK



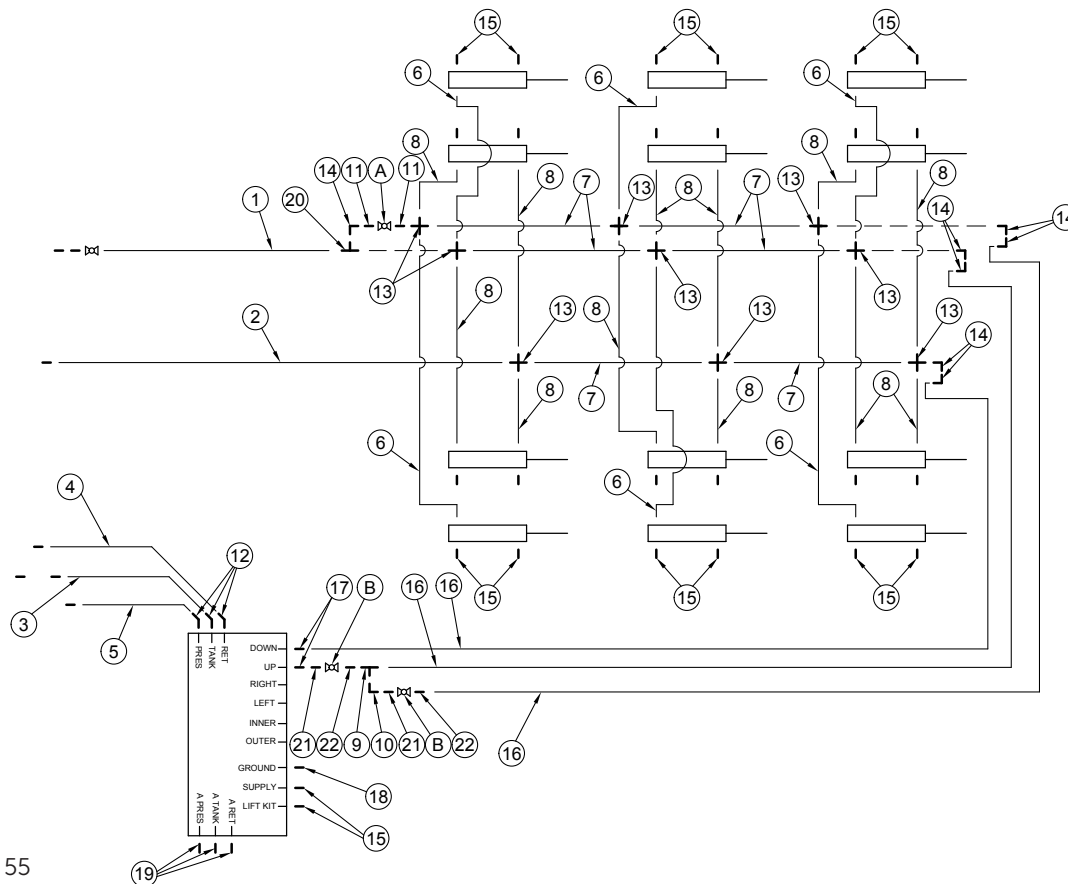
Parts Description:

Hydraulic Schematic

Opener Spacing Locks

for M80 Toolbar

Part Number: 401003-2



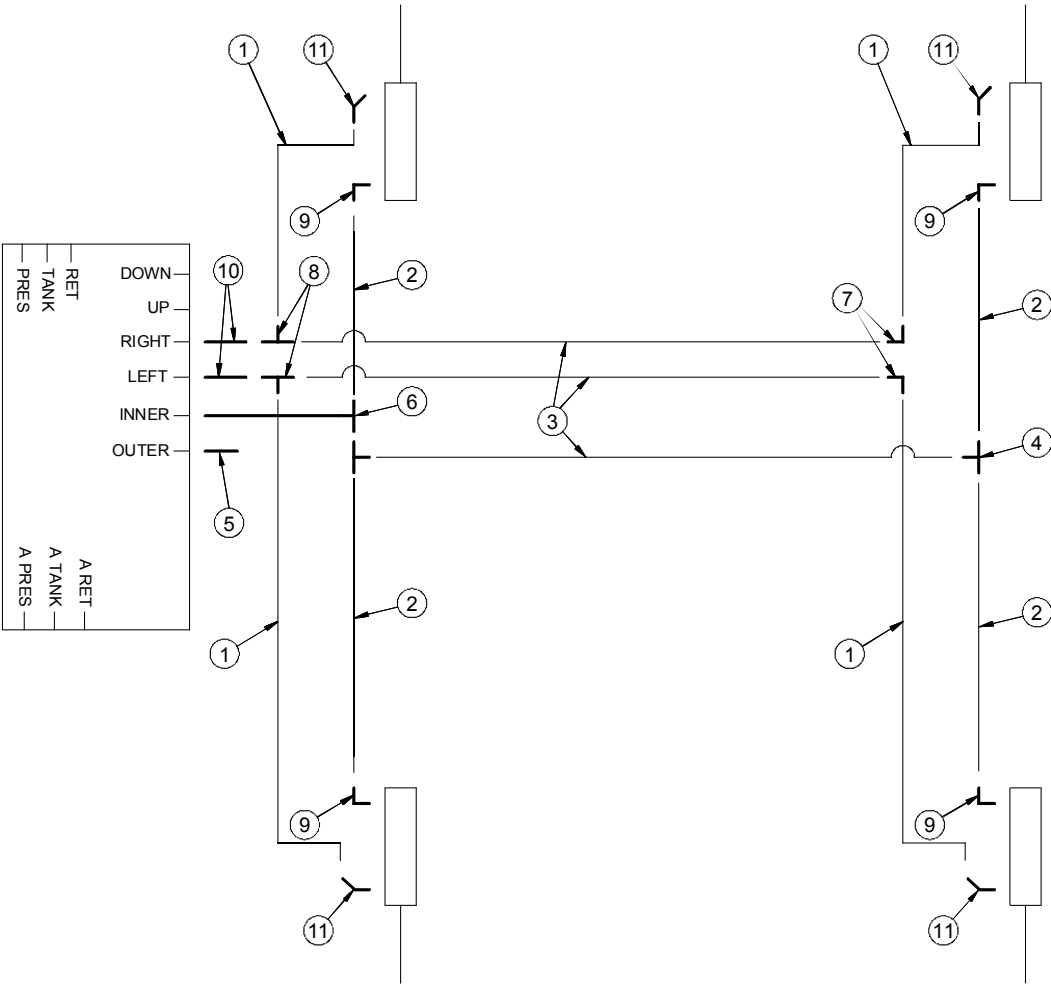
ITEM	QTY.	PART NO.	DESCRIPTION
1	1	401202-1	ASSY, HOSE - 1/2-2WB X 280 LOA - C/W FITTINGS - 2RED
2	1	401203-1	ASSY, HOSE - 1/2-2WB X 280 LOA - C/W FITTINGS - 1RED
3	1	401204-1	ASSY, HOSE - 1/2-2WB X 264 LOA - C/W FITTINGS
4	1	401205-1	ASSY, HOSE - 1/2-2WB X 264 LOA - C/W FITTINGS - 2GRN
5	1	401206-1	ASSY, HOSE - 1/2-2WB X 264LOA - C/W FITTINGS - 1GRN
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	BREATHING, 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



2021

Parts Description:
Hydraulic Schematic
STD 3-Plex Wing Fold
Part Number: 401010-7

ITEM	QTY.	PART NO.	DESCRIPTION
1	4	258107	HOSE, 3/8-2WB X 87LOA - 06JIC F-SW X 06JIC F-SW
2	4	258108	HOSE, 3/8-2WB X 61LOA - 06JIC F-SW X 06JIC F-SW
3	3	258153	HOSE, 3/8-2WB X 192LOA - 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



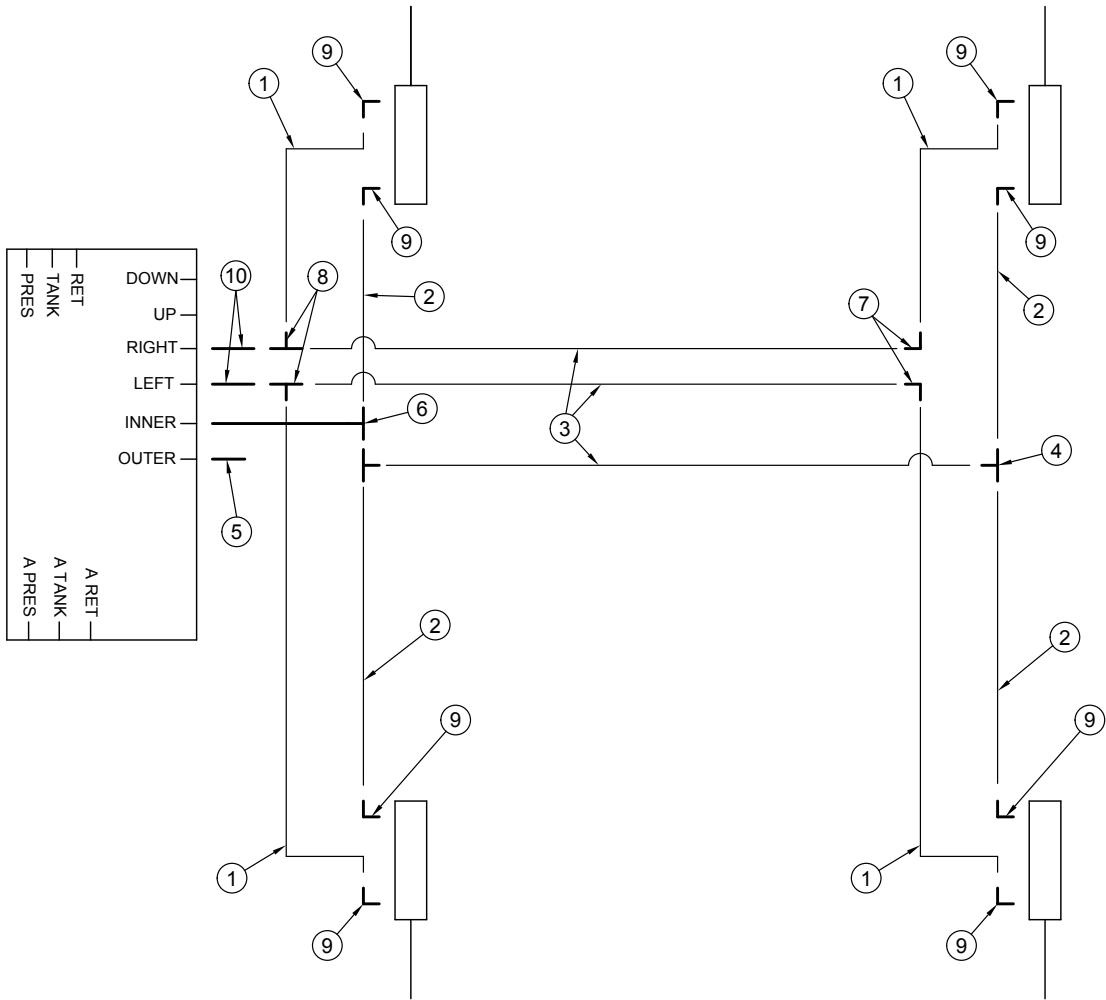
Parts Description:

Hydraulic Schematic

Wide 3-Plex Wing Fold

Part Number: 401015-6

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 192LOA - 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

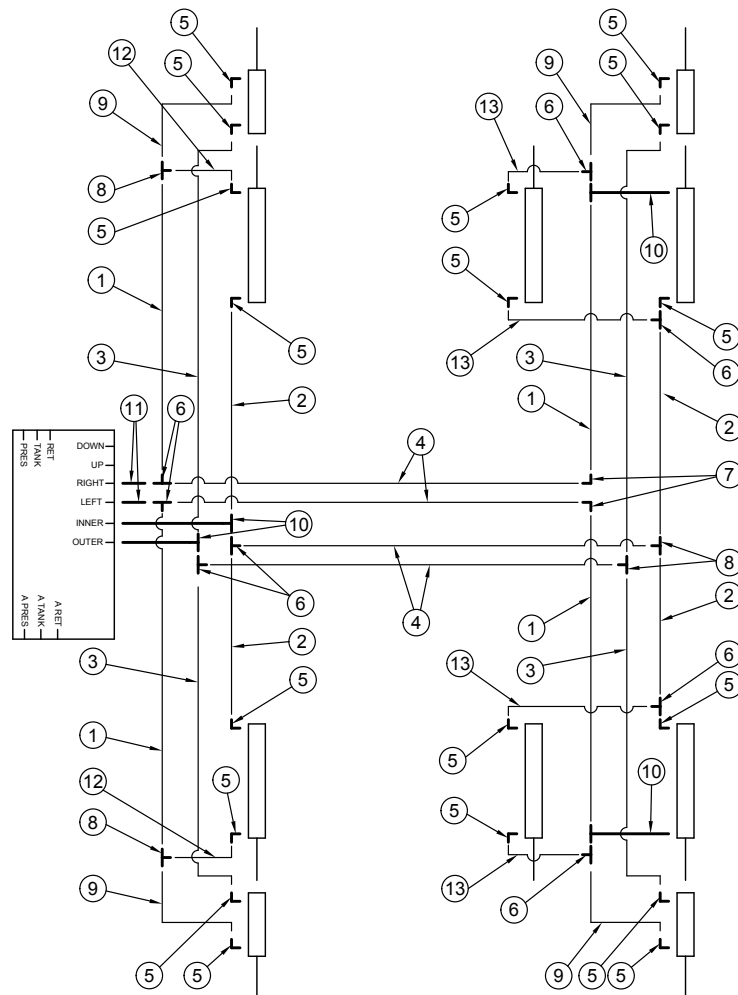


Parts Description:

Hydraulic Schematic

STD 5-Plex Wing Fold

Part Number: 401020-9



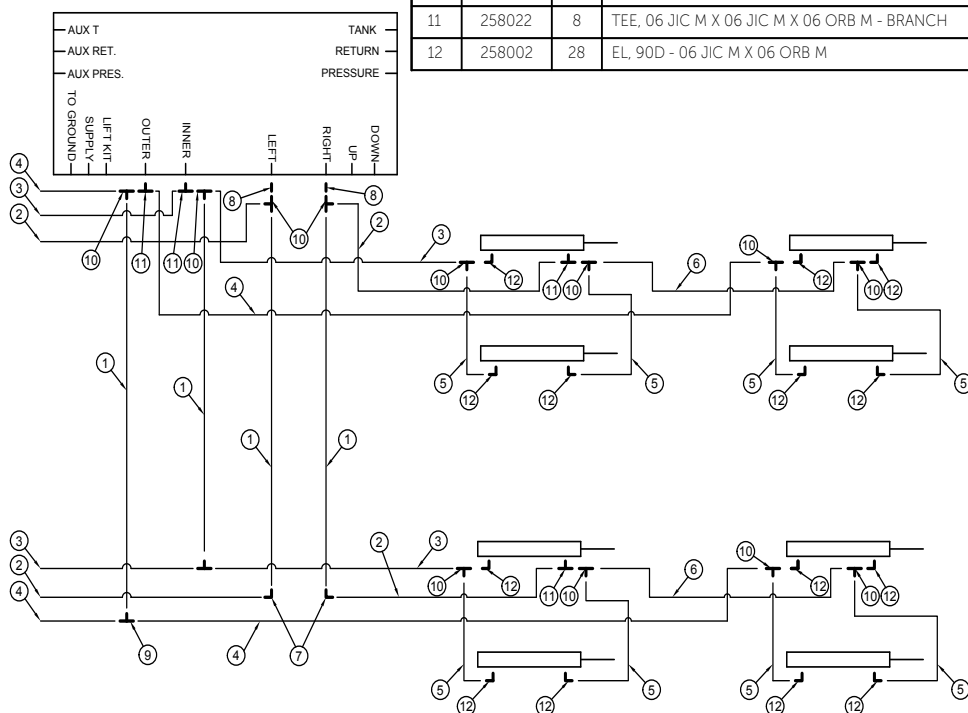
ITEM	QTY.	PART NO.	DESCRIPTION
1	4	258114	HOSE, 3/8-2WB X 107LOA - 06JIC F-SW X 06JIC F-SW
2	4	258115	HOSE, 3/8-2WB X 81LOA - 06JIC F-SW X 06JIC F-SW
3	4	258162	HOSE, 3/8-2WB X 228LOA - 06 JIC F-SW X 06 JIC F-SW
4	4	258153	HOSE, 3/8-2WB X 192LOA - 06 JIC F-SW X 06 JIC F-SW
5	18	258002	EL, 90D - 06 JIC 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 - 06JIC F-SW X 06JIC F-SW
13	4	258186	HOSE, 3/8-2WB X 24LOA - 06 JIC F-SW X 06 JIC F-SW



Parts Description: "M" Wing Fold

M90 - PART #: 401031

ITEM	PART NO.	QTY.	DESCRIPTION
1	258153	4	HOSE, 3/8-2WB X 192 LOA - 06 JIC F-SW X 06 JIC F-SW
2	258166	4	HOSE, 3/8-2WB X 120 LOA - 06 JIC F-SW X 06 JIC F-SW
3	258179	4	HOSE, 3/8-2WB X 80 LOA - 06 JIC F-SW X 06 JIC F-SW
4	258159	4	HOSE, 3/8-2WB X 296 LOA - 06 JIC F-SW X 06 JIC F-SW
5	258121	16	HOSE, 3/8-2WB X 16 LOA - 06 JIC F-SW X 06 JIC F-SW
6	258333	4	HOSE, 3/8-2WB X 208 LOA - 06 JIC F-SW X 06 JIC F-SW
7	258382	2	EL, 90D - 06 JIC M X 06 JIC M
8	258051	2	CONNECTOR, 06 ORB M X 06 JIC M
9	258024	2	TEE, 06 JIC M X 06 JIC M X 06 JIC M
10	258025	20	TEE, 06 JIC F-SW X 06 JIC M X 06 JIC M - RUN
11	258022	8	TEE, 06 JIC M X 06 JIC M X 06 ORB M - BRANCH
12	258002	28	EL, 90D - 06 JIC M X 06 ORB M



M100 (SAME AS M90 KIT + HOSE EXTENSION USED WITH ITEM #6 SHOWN BELOW)

ITEM	PART NO.	QTY.	DESCRIPTION
6	258186	8	HOSE, 3/8-2WB X 24 LOA - 06 JIC F-SW X 06 JIC F-SW

M80 - PART #: 401025-5 (SAME AS M90 KIT SUBSTITUTING ITEMS BELOW)

ITEM	PART NO.	QTY.	DESCRIPTION
4	258132	4	HOSE, 3/8-2WB X 270 LOA - 06 JIC F-SW X 06 JIC F-SW
6	258168	4	HOSE, 3/8-2WB X 184 LOA - 06 JIC F-SW X 06 JIC F-SW

M80CT - PART #: 401029-2 (SAME AS M90 KIT SUBSTITUTING ITEMS BELOW)

ITEM	PART NO.	QTY.	DESCRIPTION
2	258124	4	HOSE, 3/8-2WB X 79 LOA - 06 JIC F-SW X 06 JIC F-SW
3	258110	4	HOSE, 3/8-2WB X 38 LOA - 06 JIC F-SW X 06 JIC F-SW
4	258128	4	HOSE, 3/8-2WB X 256 LOA - 06 JIC F-SW X 06 JIC F-SW
6	258333	4	HOSE, 3/8-2WB X 208 LOA - 06 JIC F-SW X 06 JIC F-SW

M70 - PART #: 401024-4 (SAME AS M90 KIT SUBSTITUTING ITEMS BELOW)

ITEM	PART NO.	QTY.	DESCRIPTION
2	258124	4	HOSE, 3/8-2WB X 79 LOA - 06 JIC F-SW X 06 JIC F-SW
3	258110	4	HOSE, 3/8-2WB X 38 LOA - 06 JIC F-SW X 06 JIC F-SW
4	258335	4	HOSE, 3/8-2WB X 222 LOA - 06 JIC F-SW X 06 JIC F-SW
6	258188	4	HOSE, 3/8-2WB X 181 1/2 LOA - 06 JIC F-SW X 06 JIC F-SW

M60 - PART #: 401023-4 (SAME AS M90 KIT SUBSTITUTING ITEMS BELOW)

ITEM	PART NO.	QTY.	DESCRIPTION
2	258124	4	HOSE, 3/8-2WB X 79 LOA - 06 JIC F-SW X 06 JIC F-SW
3	258110	4	HOSE, 3/8-2WB X 38 LOA - 06 JIC F-SW X 06 JIC F-SW
4	258153	4	HOSE, 3/8-2WB X 196 LOA - 06 JIC F-SW X 06 JIC F-SW
6	258118	4	HOSE, 3/8-2WB X 152 1/2 LOA - 06 JIC F-SW X 06 JIC F-SW

M50 - PART #: 401026-4 (SAME AS M90 KIT SUBSTITUTING ITEMS BELOW)

ITEM	PART NO.	QTY.	DESCRIPTION
2	258124	4	HOSE, 3/8-2WB X 79 LOA - 06 JIC F-SW X 06 JIC F-SW
3	258110	4	HOSE, 3/8-2WB X 38 LOA - 06 JIC F-SW X 06 JIC F-SW
4	258334	4	HOSE, 3/8-2WB X 172 LOA - 06 JIC F-SW X 06 JIC F-SW
6	258113	4	HOSE, 3/8-2WB X 132 1/2 LOA - 06 JIC F-SW X 06 JIC F-SW





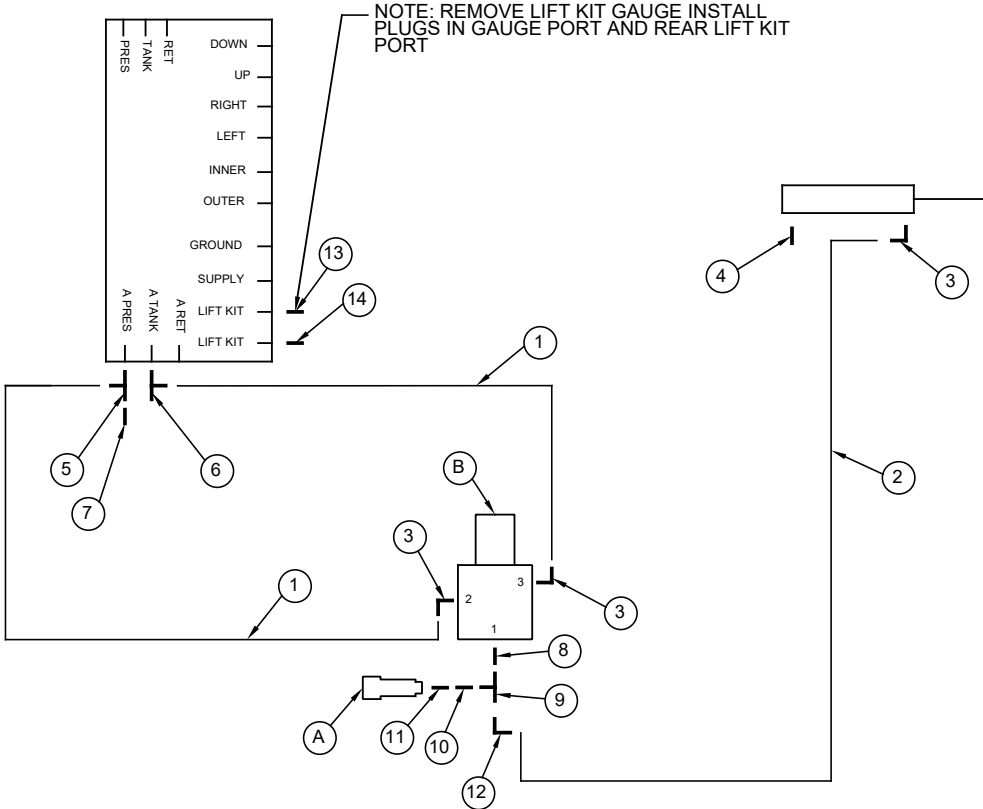
NOTE : LETTERED COMPONENTS ARE PICKED SEPERATELY FROM HYDRAULIC KIT

Parts Description:

Hydraulic Schematic - Lift Kit

Part Number: 401216-2 - PWM Auto Control

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



Parts Description:

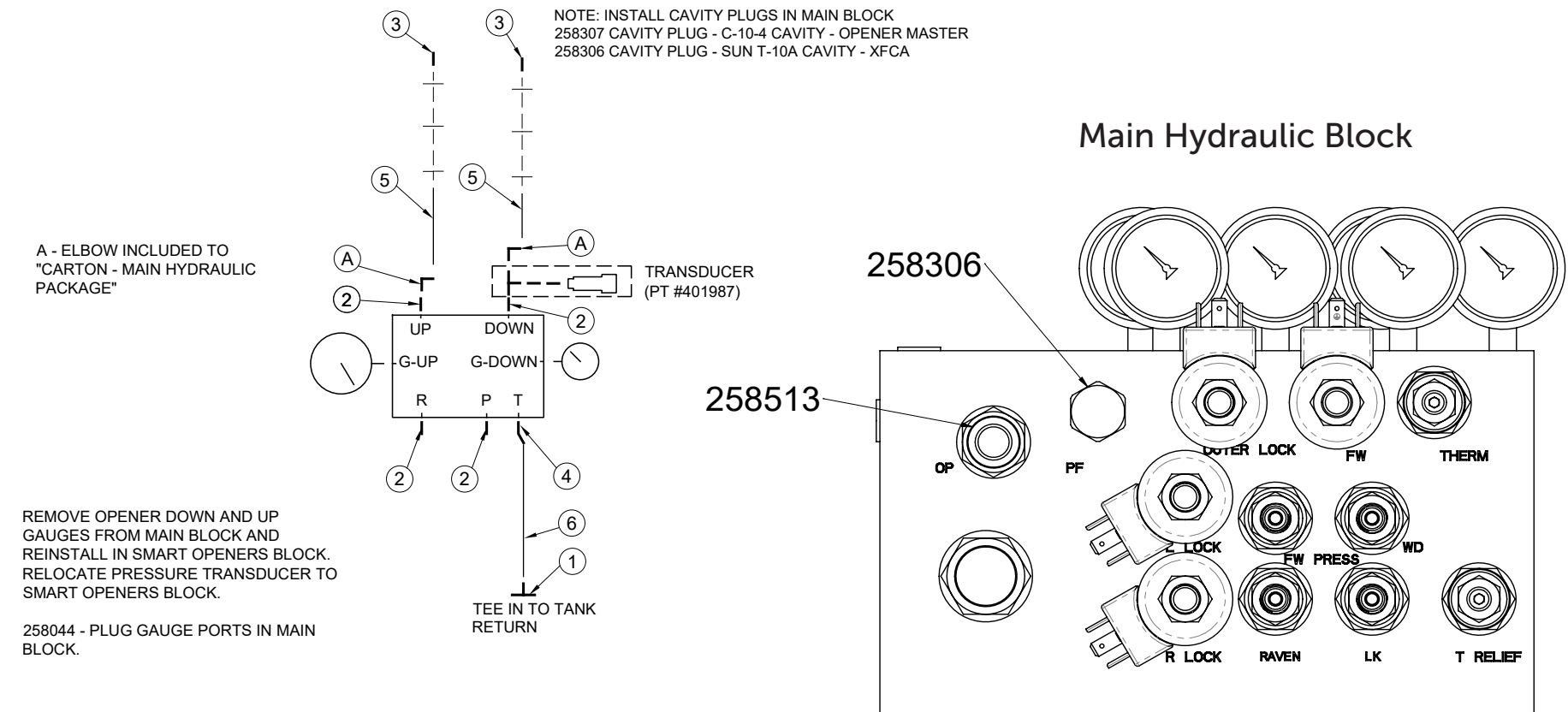
Hydraulic Schematic

Smart Openers - Add On

Part Number: 401625-3

ITEM	PART NO.	QTY.	DESCRIPTION
1	258020	1	TEE, 08 JIC F-SW X 08 JIC M X 08 JIC M - RUN
2	258379	2	CONNECTOR, 16 ORB M X 08 JIC M
3	258045	2	CAP, 08 JIC F
4	258016	1	EL, 45D - 06 JIC M X 06 ORB M
5	258218-1	2	HOSE, 1/2-2WB X 30LOA - 08JIC F-SW X 08JIC F-SW
6	258154	1	HOSE, 3/8-2WB X 31 LOA - 06 JIC F-SW X 08 JIC F-SW
7	258055	2	CONNECTOR, 08 ORB M X 08 JIC F-SW
8	258713	2	CONNECTOR, 16 ORB M X 08 ORB F
A	258000	2	EL, 90D - 08 JIC M X 08 JIC F-SW
B	258035	2	CROSS, 08 JIC M X M X M X M
	258044	2	PLUG, 04 ORB M

Main Hydraulic Block



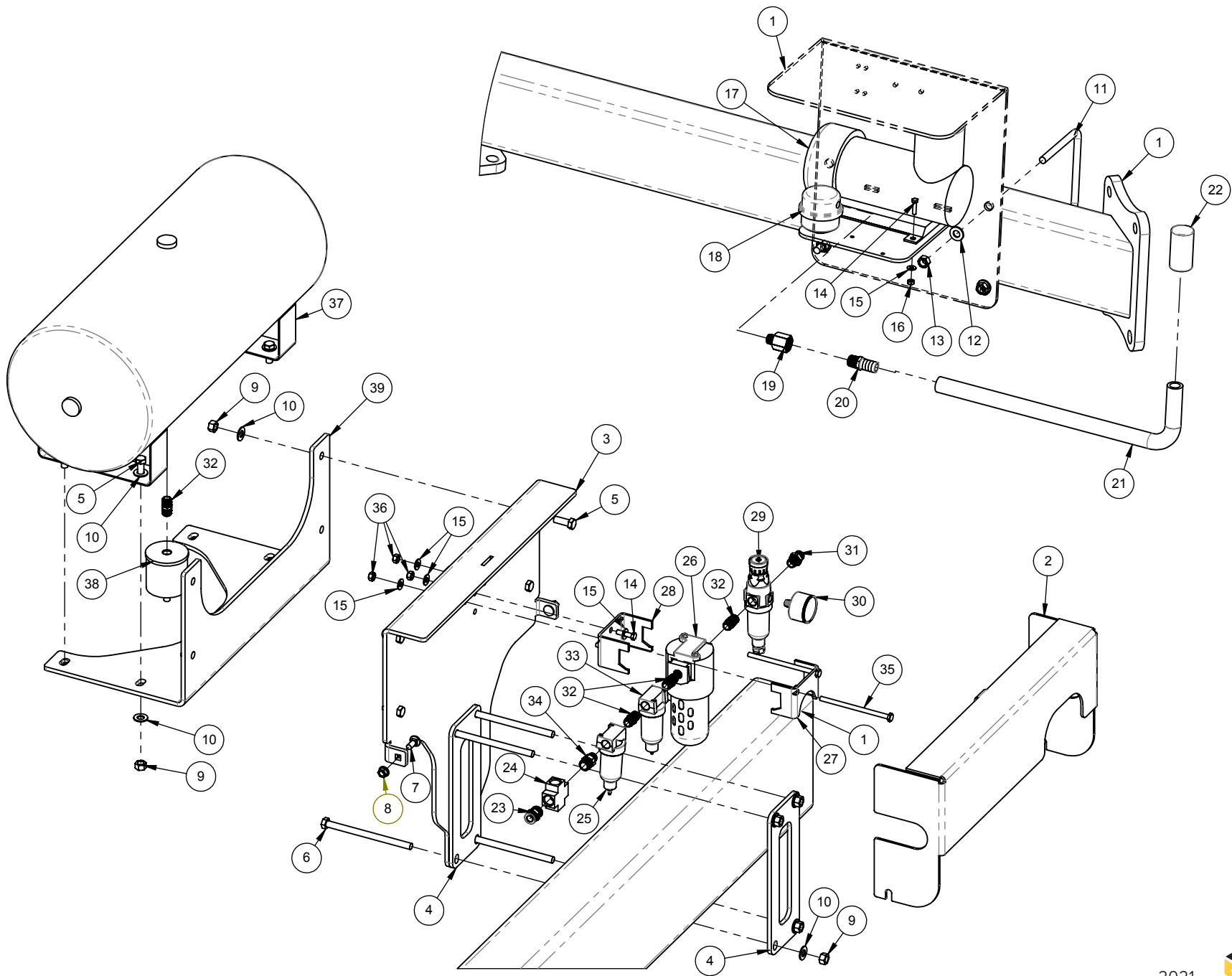
Parts Description:

Air Tank and Compressor

Part Number: 402114-5

ITEM	QTY.	PART NO.	DESCRIPTION
1	1	402137-1	ASSY, COMPRESSOR MOUNT - PACBRAKE - BLK
2	1	402118-3	PLATE, FRMD 10 GA IN - COVER - COMPRESSOR RELAY
3	1	402115-7	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 DESICCANT - WILKERSON - X06-02-000
27	1	402132	SHEET, FRMD 10 GA - MOUNT PLATE - FRT - BLK
28	1	402129	SHEET, FRMD 10 GA - MOUNT PLATE - REAR - BLK
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	PLATE, FRMD 1/4 IN - MOUNT - AIR TANK - BLK





Parts Description:

Auto Zone Command

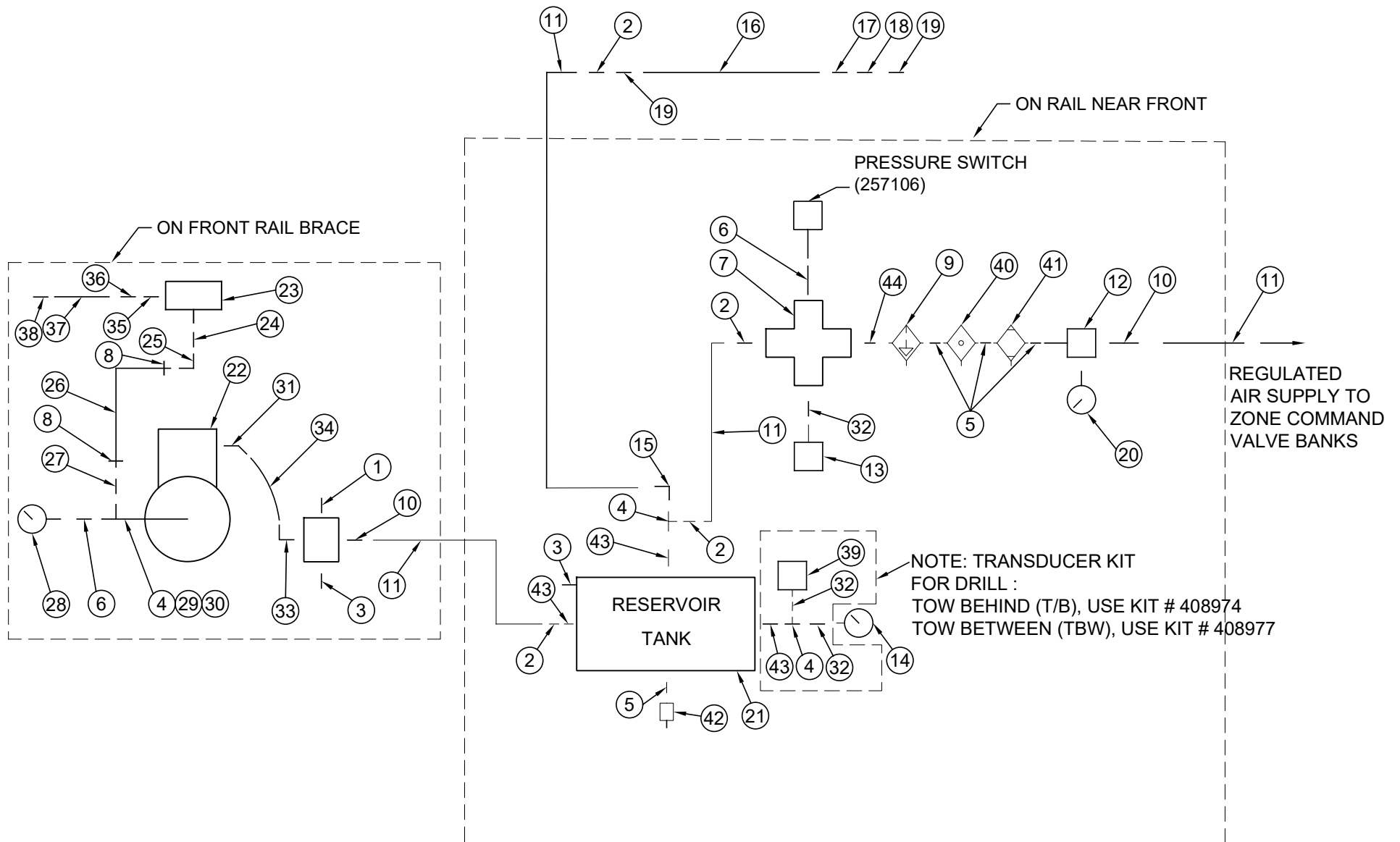
Air Compressor Tank

Part Number: 408970

408779-5 - BDL, PNEUMATIC COMPONENTS - COMPRESSED AIR SYSTEM			
ITEM	QTY.	PART NO.	DESCRIPTION
1	1	258602	PLUG, 1/8 NPT M
2	4	260520	CONNECTOR, 3/8 NPT M X 3/8 PUSH ON - AIR
3	2	258601	PLUG, 1/4 NPT M
4	3	260534	ADAPTOR, BRASS - STREET TEE - 3/8 NPT
5	4	260576	ADAPTOR, BRASS - NIPPLE - 1/4 NPT
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 FT	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

ITEM	QTY.	PART NO.	DESCRIPTION
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 FT	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
40	1	260575	FILTER, COALESCING - 10F15ED
41	1	260573	DRYER, AIR - DESICCANT - WILKERSON - X06-02-000
42	1	260513	AUTOMATIC DRIP LEG DRAIN - 1/4 IN - 06D1NA - PARKER
43	3	260565	ADAPTOR, BRASS - REDUCER - 1/4 MPT X 3/8 FPT
44	1	260526	ADAPTOR, BRASS - HEX NIPPLE - 3/8 MPT X 1/4 MPT





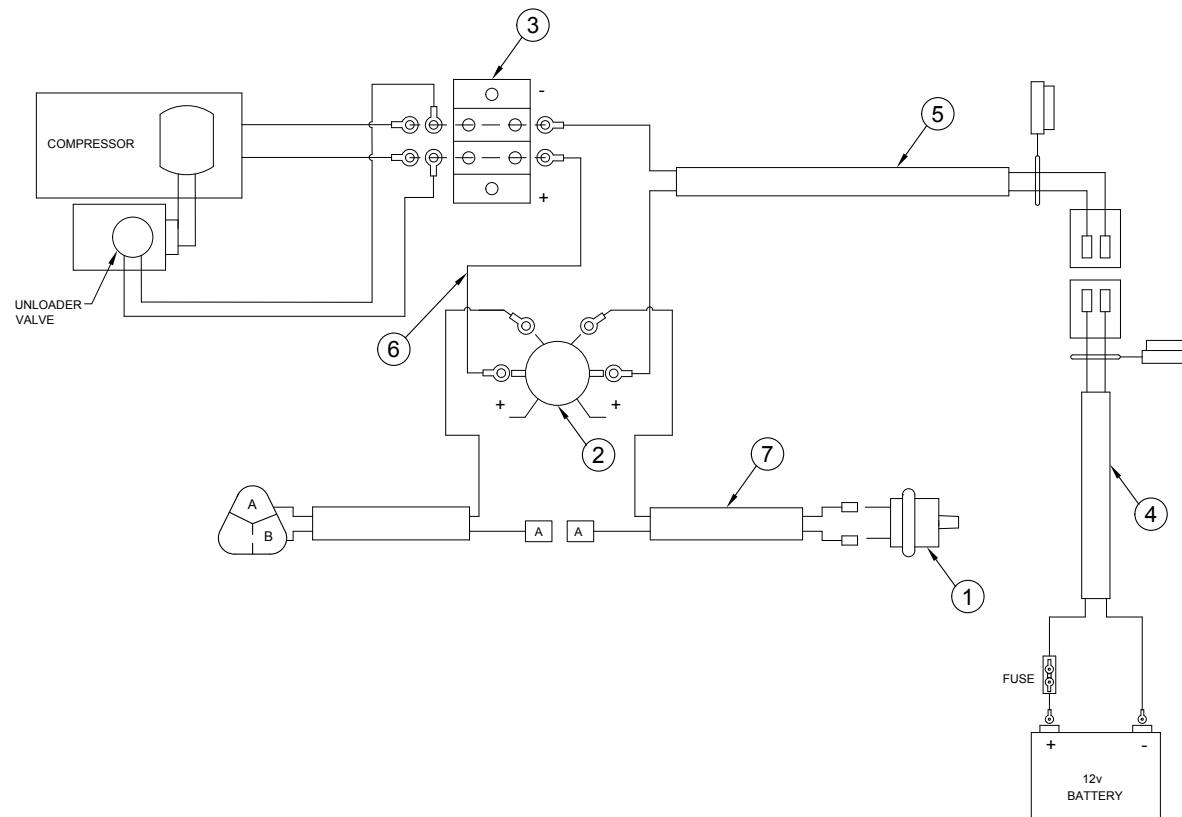
Parts Description:

Electrical Schematic

Air Compressor

Part Number: 408790-4

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	401721-2	WIRE HARNESS - COMPRESSOR - RELAY/PRESSURE SWITCH



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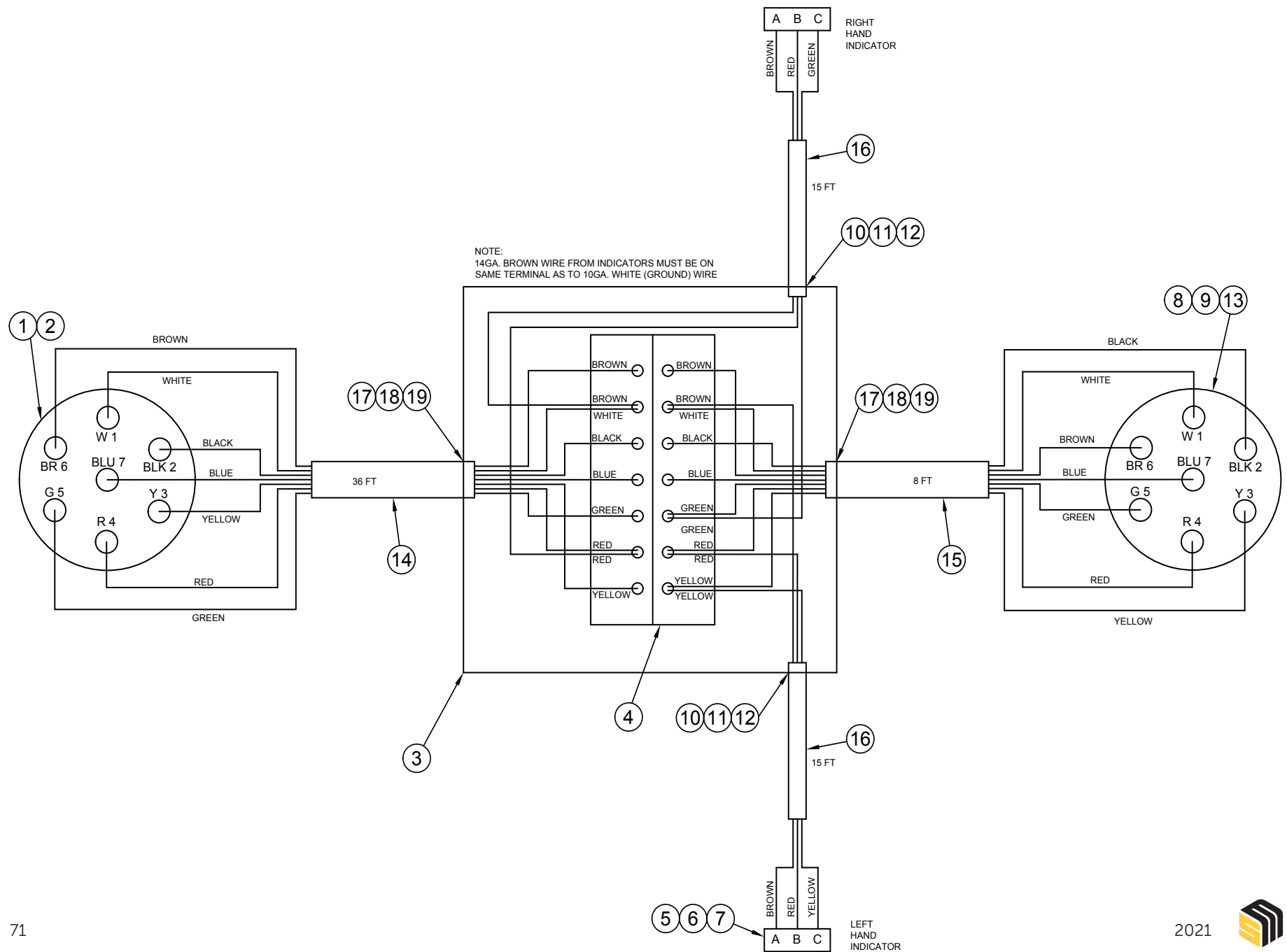
Parts Description:

Wire Harness - Clearance Light

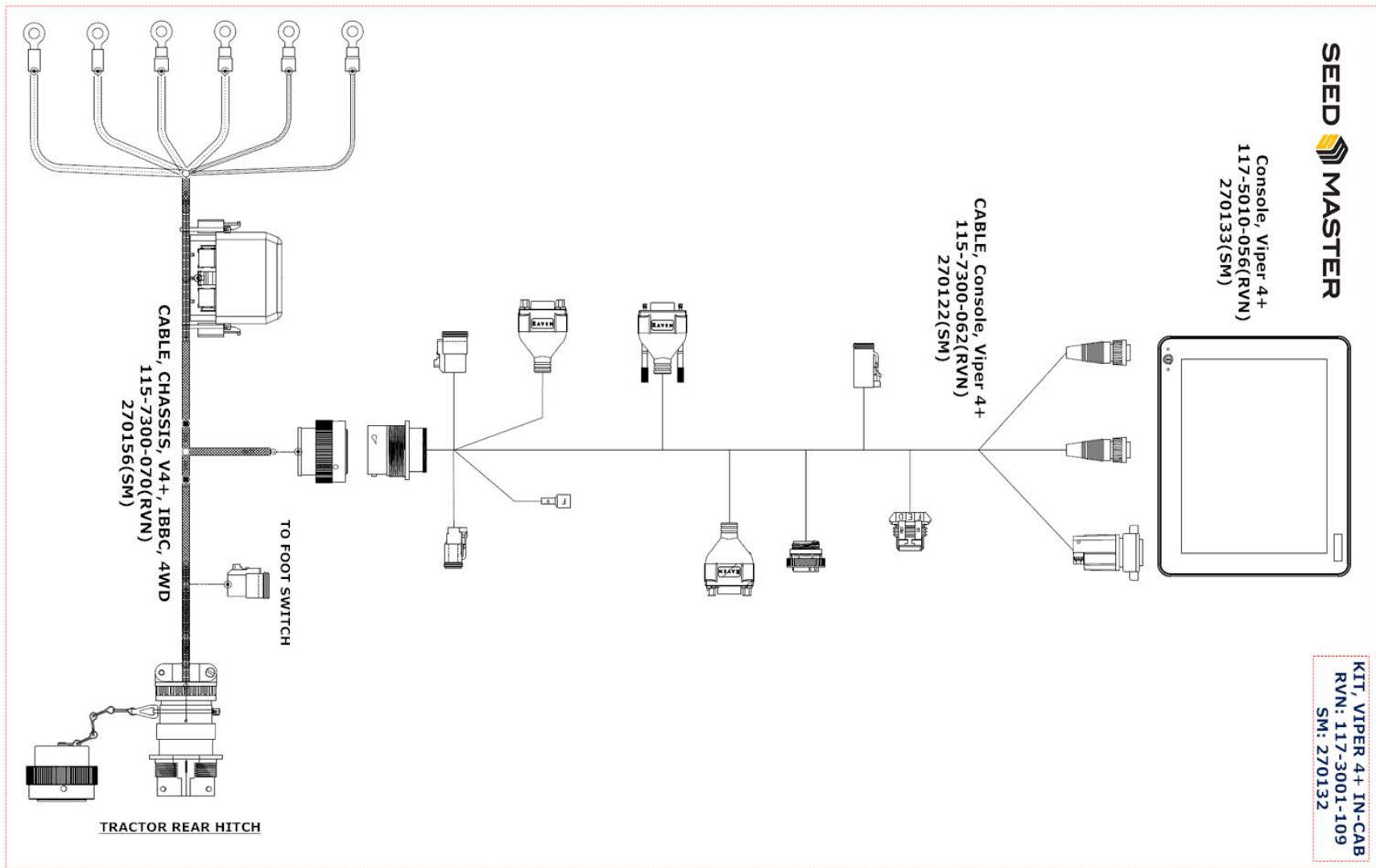
Part Number: 401519-3
401522-2
401524-3

401519-3 - WIRE HARNESS - CLEARANCE LIGHT - STANDARD - SEEDMASTER			
ITEM	QTY.	PART NO.	DESCRIPTION
1	1	257012	PLUG, CONNECTOR - 7 WAY - PLASTIC
2	1	257014	CABLE GUARD SPRING - PLUG
3	1	257100	TERMINAL BOX
4	1	257101	TERMINAL STRIP - 4 POLE - #10
5	2	257064	CONNECTOR, 3 PIN - SHROUD HALF-WEATHER PACK
6	6	257051	TERMINAL, MALE - WEATHER PACK - 16-14GA
7	6	257069	SEAL, CABLE - BLUE- WEATHER PACK
8	1	257013	SOCKET, CONNECTOR - 7 WAY - PLASTIC
9	1	257015	BOOT - SOCKET
10	2	257083	STRAIN RELIEF - FLEX NUT - 1/2 NPT
11	2	257084	STRAIN RELIEF - LOCK NUT - 1/2 NPT
12	2	257085	STRAIN RELIEF - SEAL RING - 1/2 IN
13	1	257016	BRACKET, MNT - 7 WAY SOCKET - BLACK
14	1	257178	CABLE, 7 WIRE - 432 IN - 6/12 GA - 1/10 GA
15	1	257178	CABLE, 7 WIRE - 96 IN - 6/12 GA - 1/10 GA
16	2	257036	CABLE, 4 WIRE - 360 IN - 14 GA - WT14
17	2	257184	STRAIN RELIEF - FLEX NUT - 3/4 NPT
18	2	257185	STRAIN RELIEF - LOCK NUT - 3/4 NPT
19	2	257186	STRAIN RELIEF - SEAL RING - 3/4 IN
401522-2 - WIRE HARNESS - CLEARANCE LIGHT - M80 - SEEDMASTER			
ITEM	QTY.	PART NO.	DESCRIPTION
14	1	257178	CABLE, 7 WIRE - 480 IN - 6/12 GA - 1/10 GA
16	2	257036	CABLE, 4 WIRE - 396 IN - 14 GA - WT14
401524-3 - WIRE HARNESS - CLEARANCE LIGHT - M70 - SEEDMASTER			
ITEM	QTY.	PART NO.	DESCRIPTION
14	1	257178	CABLE, 7 WIRE - 480 IN - 6/12 GA - 1/10 GA
16	2	257036	CABLE, 4 WIRE - 312 IN - 14 GA - WT14



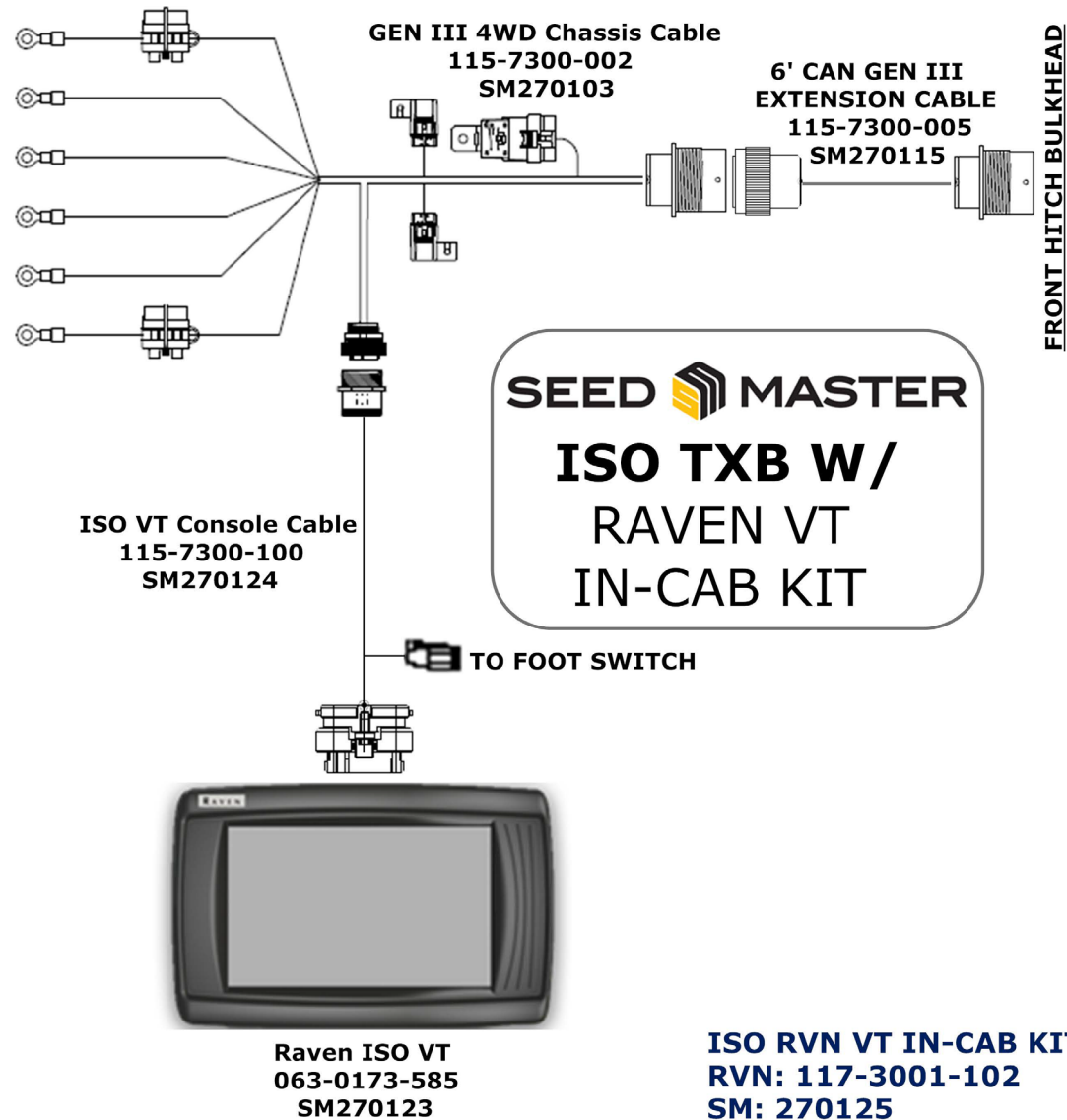


Parts Description: Viper 4+ In-Cab Kit

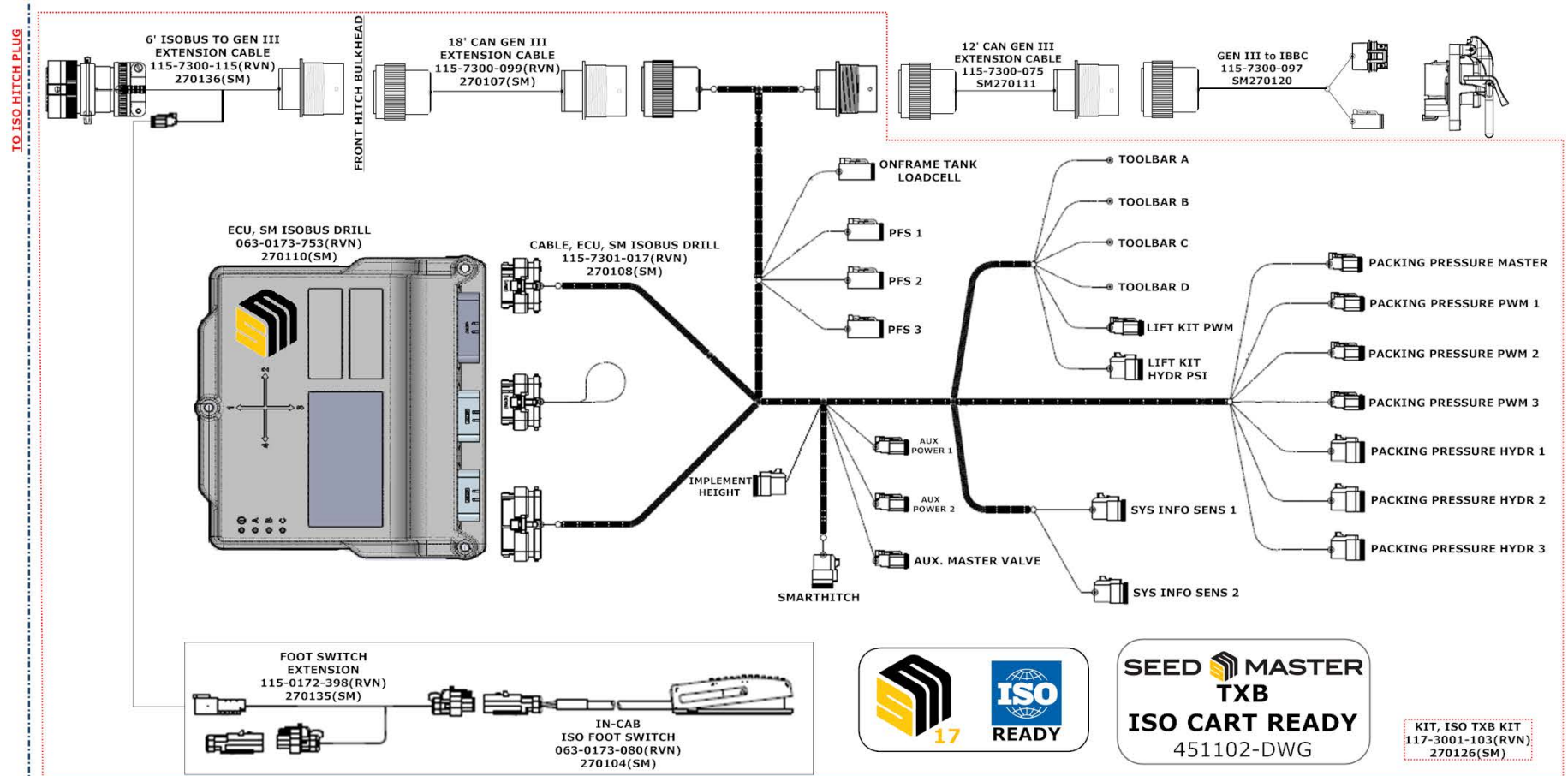




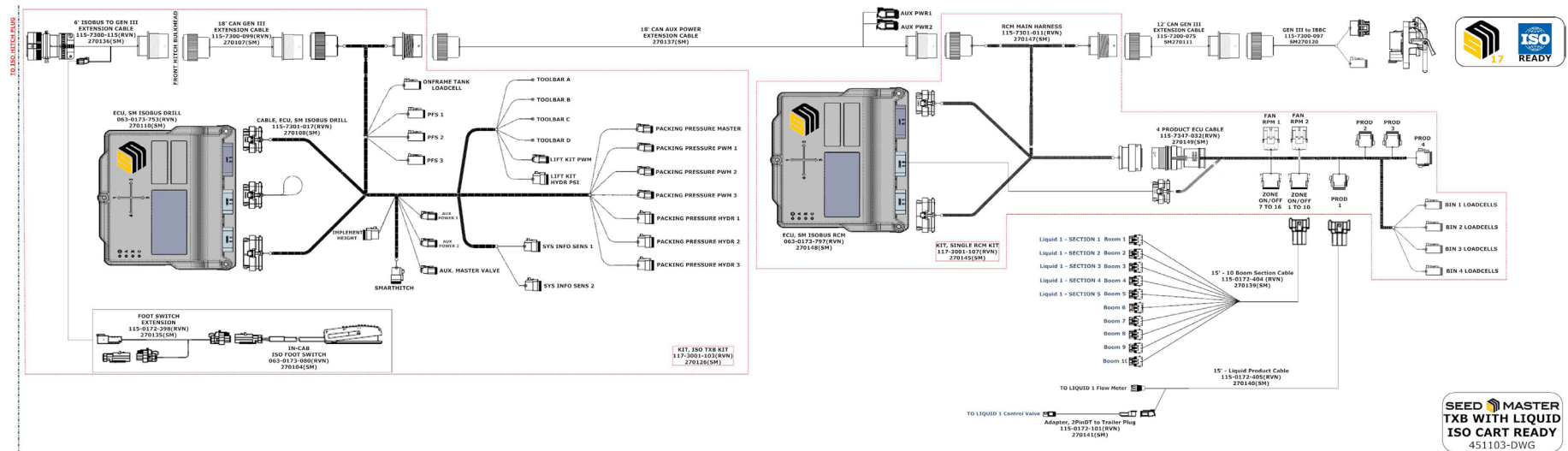
Parts Description: ISO Toolbar with Raven VT In-Cab Kit



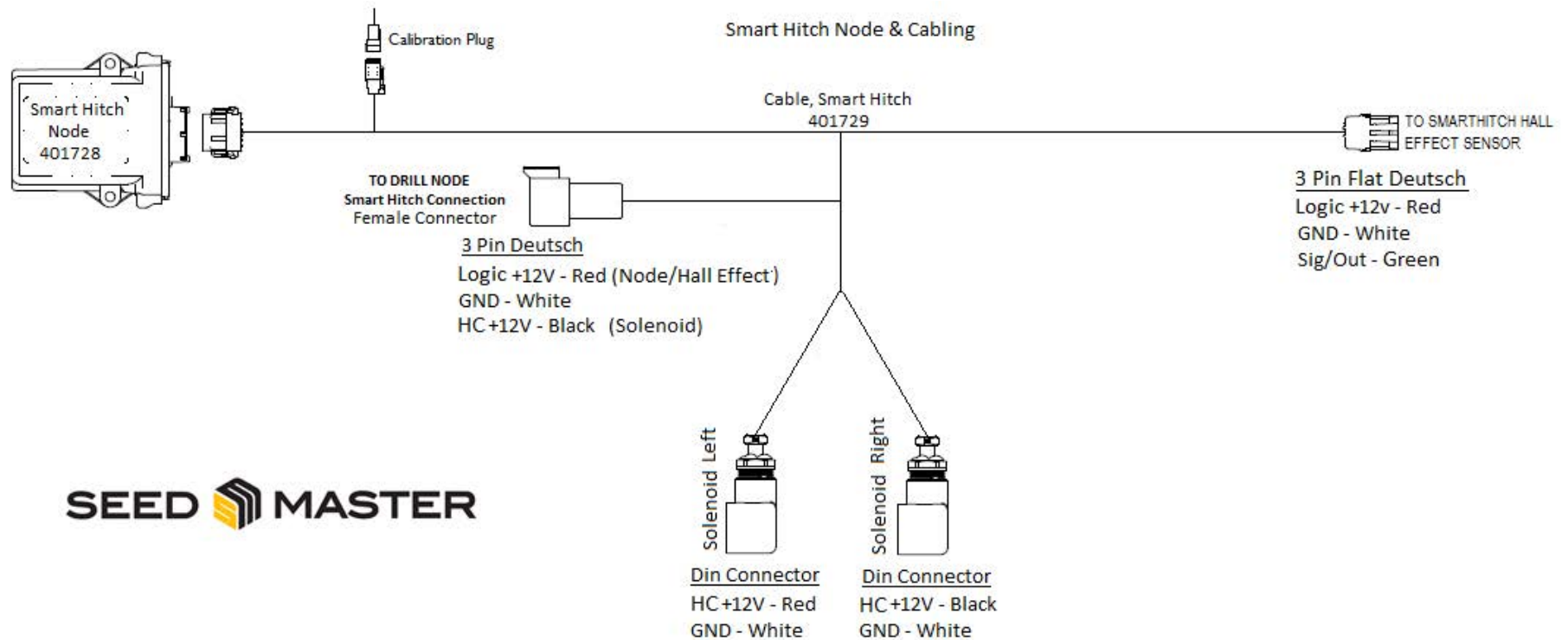
Parts Description: ISO Toolbar (ISO Cart Ready)



Parts Description: ISO Toolbar (Liquid ISO Cart Ready)



Parts Description: Smart Hitch Node and Cabling



SEED  MASTER

