



8200N - 60' / 66'
APPLICATOR
PARTS MANUAL



ILLUSTRATED PARTS LIST





Limited Warranty

Fast Ag Solutions warrants to the buyer that the new machinery is free from defects in material and workmanship.

This warranty is only effective as to any new machinery which has not been altered, changed, repaired or treated since its delivery to the buyer, other than by Fast Ag Solutions or its authorized dealers or employees, and does not apply to accessories, attachments, tools or parts, sold or operated with the new machinery, if they have not been manufactured by Fast Ag Solutions.

Fast Ag Solutions shall only be liable for defects in the materials or workmanship attributable to faulty material or bad workmanship that can be proved by the buyer, and specifically excludes liability for repairs arising as a result of normal wear and tear of the new machinery or in any other manner whatsoever, and without limiting the generality of the foregoing, excludes application or installation of parts not completed in accordance with this operator's manual, specifications, or printed instructions.

Written notice shall be given by registered mail, to the Manufacturer within seven (7) days after the defect shall have become apparent or the repairs shall have become necessary, addressed as follows:

Fast Ag Solutions
4130 Commerce Boulevard
Windom, MN 56101

This warranty shall expire one (1) year after the date of delivery of the new machinery.

If these conditions are fulfilled, Fast Ag Solutions shall at its own cost and at its own option either repair or replace any defective parts provided that the buyer shall be responsible for all expenses incurred as a result of repairs, labor, parts, transportation or any other work, unless Fast Ag Solutions has authorized such expenses in advance.

The warranty shall not extend to any repairs, changes, alterations, or replacements made to the new equipment other than by Fast Ag Solutions or its authorized dealers or employees.

This warranty extends only to the original owner of the new equipment.

Rubber parts (including tires, hoses, grommets) are not warranted.

This warranty is limited to the terms stated herein and is in lieu of any other warranties whether express or implied, and without limiting the generality of the foregoing, excluding all warranties, express or implied or conditions whether statutory or otherwise as to quality and fitness for any purpose of the new equipment. The Manufacturer disclaims all liability for incidental or consequential damages.

This Applicator is subject to design changes and Fast Ag Solutions shall not be required to retrofit or exchange items on previously sold units except at its own option.

Warranty void if not registered.



ILLUSTRATED PARTS LIST

FAST APPLICATOR

Warranty Registration

This form must be filled out by the dealer and signed by both the dealer and the customer at the time of delivery.

Customer Name					
Address					
City		State		Zip	
Phone					

Dealer Name					
Address					
City		State		Zip	

Applicator Model					
Serial Number					
Delivery Date					

Warranty Inspection Report

DEALER INSPECTION REPORT

- ☐ All Fasteners Tight
- ☐ Wheel Bolts Torqued
- ☐ Hydraulic Hoses and Fittings Free and Tight
- ☐ Fertilizer Hoses and Fittings Free and Tight
- ☐ Wheel Drive Turns Freely
- ☐ Lubricate Machine
- ☐ Check Tire Pressure
- ☐ Frame and Wings Level
- ☐ Monitors and Controllers Function
- ☐ Wiring Harness Connected

SAFETY

- ☐ Safety Chain Installed
- ☐ All Guards Installed
- ☐ All Safety Signs Installed
- ☐ Reflectors, SMV, and Lights Clean
- ☐ Review Operating and
- ☐ Safety Instructions

I have thoroughly instructed the buyer on the above-described equipment which review included the Operator's Manual content, equipment care, adjustments, safe operation, and applicable warranty policy.

Date _____

Dealer's Rep. Signature _____

The above equipment and Operator's Manual have been received by me, and I have been thoroughly instructed as to care, adjustments, safe operation, and applicable warranty policy.

Date _____

Owner's Signature _____

White - FAST
Yellow - Dealer
Pink - Customer



ILLUSTRATED PARTS LIST

FAST 8200N Series Applicator

APPLICATOR SERIAL NUMBER _____

DATE PURCHASED _____ / _____ / _____

TANK SIZE (CIRCLE ONE) **1800 Gal.** **2400 Gal.**

TOOLBAR WIDTH (CIRCLE ONE) **60 feet** **66 feet**

NUMBER OF ROW UNITS _____

PUMP MANUFACTURER:

(CIRCLE ONE)

ACE FMCSC-205F-HYD-304

ACE 255F-304 WET SEAL

ACE 255F-304 PWM WET SEAL

ACE FMC-750-HYD OASIS

ACE FMC-750 OASIS PWM

HYPRO 9306C-HM1C

General Information

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Parts information in this manual represents components installed when product was manufactured based upon the best available information. Modifications made subsequent to initial delivery are not included. Always verify the parts and color required when ordering parts.

If you have any questions, please contact your Fast Ag Solutions Parts and Service Department.

Explanation of Parts Lists

The parts list is organized as follows:

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TRAILER & FRAME

TOOLBAR & GAUGE WHEELS

ROW UNITS

TANK & PUMP

PRODUCT PLUMBING on TOOLBAR

PRODUCT PLUMBING on FRAME

PRODUCT ELECTRICAL COMP.S

HYDRAULICS

FOLD BOX ELECTRICAL

TRAILER AXLES, TIRES, & TRACKS

LIGHTS, DECALS, & TAGS

The parts lists are broken down into sub-assemblies and listed in four (4) columns:

- **ITEM** - These numbers are found on the illustration associated with the parts list.
 - NS - This item is NOT SHOWN, included for reference.
- **QTY.** - This is the quantity of parts needed in an assembly.
 - AR - The quantity of this item is applied AS REQUIRED for the location.
- **PART NO.** - These are the part numbers associated with the ITEM.
- **DESCRIPTION** - This is the description of the part.



ILLUSTRATED PARTS LIST

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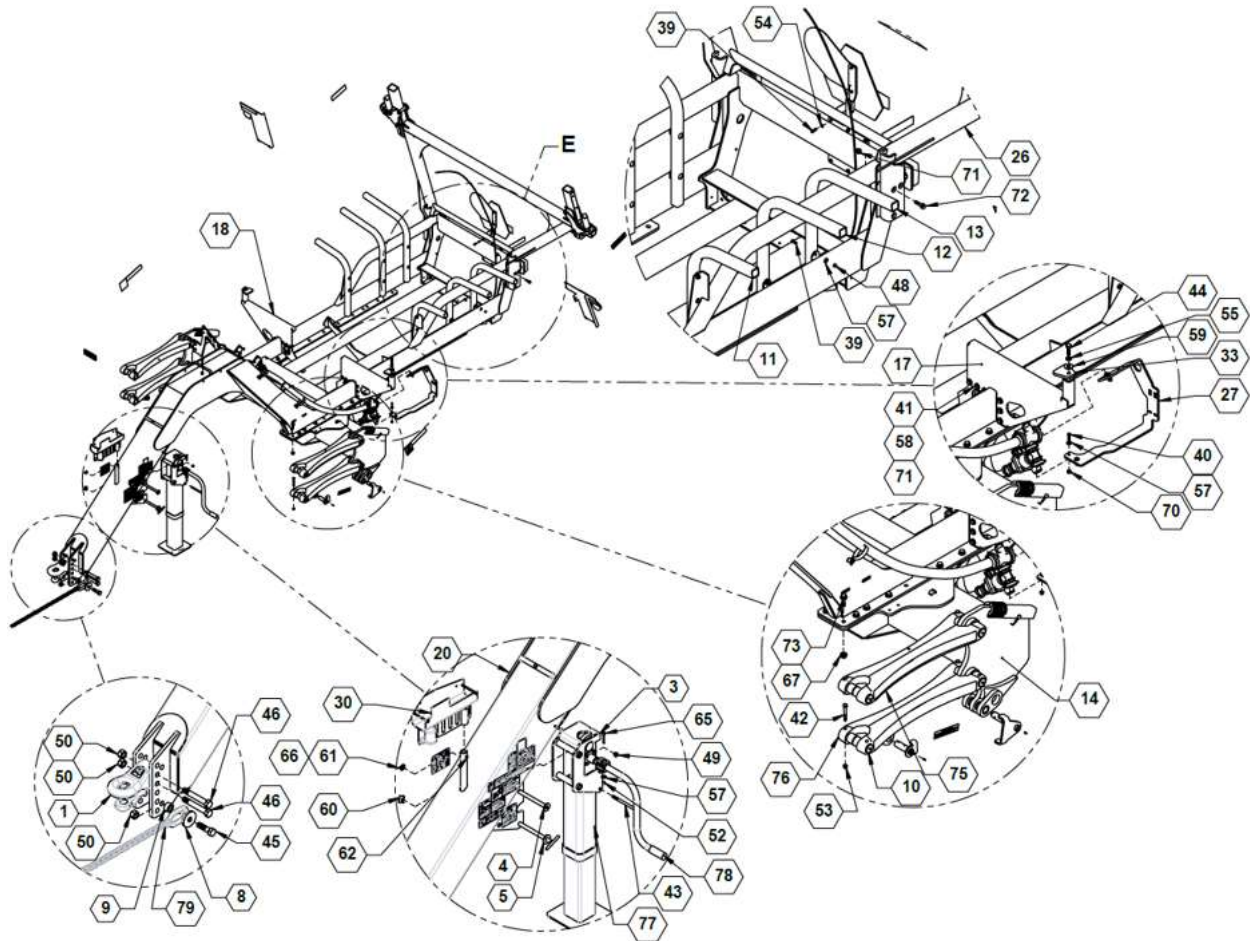
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TRAILER & FRAME

Trailer Base



Parts List 38050: Trailer Base

ITEM	PART NO.	QTY.	DESCRIPTION
1	90SAHITCHLG	1	HITCH, LARGE CAT 4
2	759	12	ZERK, 1/4-28 STRAIGHT PIPE THREAD
3	15430	1	JACK HOLDER WELDMENT
4	15437	1	PIN, JACK LINKAGE
5	15440	1	PIN, JACK LOCK
6	15558	2	BRACKET, HOSE
7	15566	2	SPACER, HOSE BRACKET
8	15829	1	WASHER PLATE, SAFETY CHAIN
9	15835	1	BUSHING, SAFETY CHAIN SPACER
10	15848	8	PIN, CAST LIFTARM
11	18183	2	TUBE, SUPPORT, FENDER
12	18184	2	TUBE, SUPPORT, FENDER

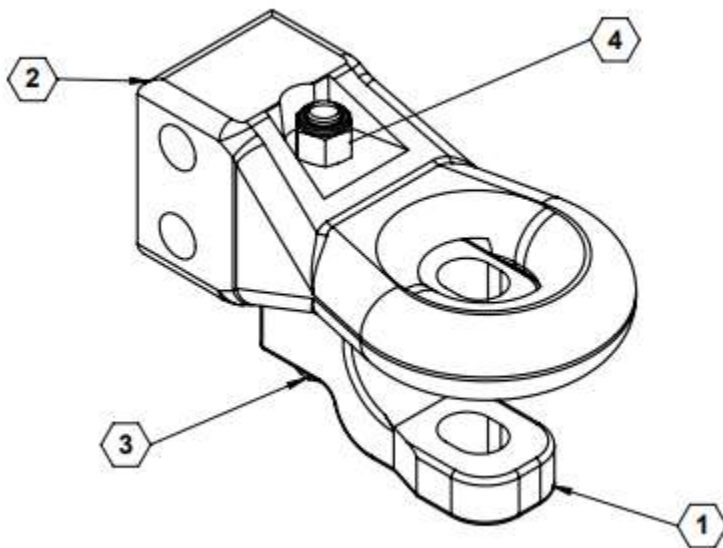


ILLUSTRATED PARTS LIST

ITEM	PART NO.	QTY.	DESCRIPTION
13	18185	2	TUBE, SUPPORT, FENDER
14	21802	1	WLDMT PLINK MOUNT
15	22217	1	BRACKET, VALVE MOUNT
16	22218	1	BRACKET, FLOW METER
17	22242L	1	LH WELDMENT, TANK SUPPORT
18	22242R	1	RH WELDMENT, TANK SUPPORT
19	22253	1	PLATE, QUICK FILL VALVE MOUNT
20	22630	1	CART, LARGE BOLT TOGETHER
21	23385	2	PIN WLDMT, MAIN LIFT
22	26817	1	OPTION, RFM 60 FLOW METER
23	27676	2	CYLINDER STOP 10" STROKE
24	28915	2	PIN WLDMT, ROD END MAIN LIFT
25	34297	1	ASSY, SUMP AND PUMP PLUMBING
26	38045	1	ASSY, 8200N TRANSPORT REST
27	38067	1	MOUNT, BOLT ON PUMP
28	38095	1	ASSY, 8200N LIGHTING AND MARKING
29	38100	4	PLATE, SHIM TRANSPORT RACK
30	38272	1	HOSE/MANUAL HOLDER ASS
31	540019	2	CLAMP, HOSE 3" SS #48
32	540052	4	P-CLAMP, 3" W/3/8" HOLE
33	590023	2	TAB, HOLD DOWN
34	590205	2	CYLINDER STOP, 3/4"
35	590206	2	CYLINDER STOP, 1"
36	590207	2	CYLINDER STOP, 1-1/4"
37	590208	2	CYLINDER STOP, 1-1/2"
38	596119M	2	BOLT, HH 5/16-18 X 3 GR5 MAGNI
39	596128M	18	BOLT, HH 3/8-16 X 1 GR5 MAGNI
40	596129M	6	BOLT, HH 3/8-16X1-1/2 GR5 MAGNI
41	596153M	12	BOLT, HH 1/2-13X1-1/2 GR5 MAGNI
42	596157M	8	BOLT, HH 1/2 X 3-1/2 GR5 MAGNI
43	596163M	2	BOLT, HH 1/2 X 6-1/2 GR5 MAGNI
44	596170M	2	BOLT, HH 5/8-11X2 GR5 MAGNI
45	596201M	1	BOLT, HEX 1-8 X 3-1/2 GR5 MAGNI
46	596208M	2	BOLT, HH 1-8X6-3/4 GR5 MAGNI
47	596213M	4	NUT, HEX 3/8-16 MAGNI
48	596229M	12	NUT, HEX NYLOCK 3/8-16 MAGNI
49	596231M	2	NUT, HEX NYLOCK 1/2-13 MAGNI

ITEM	PART NO.	QTY.	DESCRIPTION
50	596234M	3	NUT, HEX NYLOCK 1-8 MAGNI
51	596236M	2	NUT, CENTERLOCK, 5/16-18 MAGNI
52	596237M	7	NUT, CENTERLOCK 3/8-16 MAGNI
53	596239M	8	NUT, CENTERLOCK, 1/2-13 MAGNI
54	596250M	12	LOCKWASHER, 3/8 MAGNI
55	596253M	2	LOCKWASHER 5/8 MAGNI
56	596257M	4	WASHER, FLAT 5/16 USS MAGNI
57	596258M	28	WASHER, FLAT 3/8 MAGNI
58	596260M	12	WASHER, FLAT 1/2 MAGNI
59	596261M	2	WASHER, FLAT 5/8 MAGNI
60	596296M	1	LYNCH PIN, 1/4 X 1-3/4 MAGNI
61	596299M	1	ROLL PIN, 1/4 X 1-1/2"
62	596300M	1	SPRING PIN, 3/8 X 2 MAGNI
63	596592M	4	BOLT, CARRIAGE 3/8-16 X 1 MAGNI
64	596635M	8	BOLT, HH 3/8-16 x 1-1/4 MAGNI
65	596636M	1	BOLT, HH 3/8-16 X 2-1/4 GR5 MAGNI
66	596738M	1	MACHINED BUSHING 3/4" 10GA
67	596742M	28	NUT, TOP LOCK FLANGE 5/8-11 MAGNI
68	596744M	4	BUSHING, MACHINE, 1-1/4 x 14 GA MAGNI
69	596746M	4	SPRING PIN 5X50mm MAGNI
70	596769M	6	NUT, HEX FLANGE 3/8-16 MAGNI
71	596771M	20	NUT, HEX FLANGE 1/2-13 MAGNI
72	596819M	8	BOLT, FLANGED 1/2 X 2 G8 MAGNI
73	596831M	28	BOLT, FLANGED 5/8-11 X 2" GR8 MAGNI
74	720001	2	SNAP PIN, 5/16
75	750051M	2	UPPER LIFTARM CASTING
76	750052M	2	LOWER LIFTARM CASTING
77	790045	1	JACK, JOST, 25,000 LB LIFTING
78	790046	1	HANDLE, JOST JACK
79	790050	1	SAFETY CHAIN, 30,000 LB

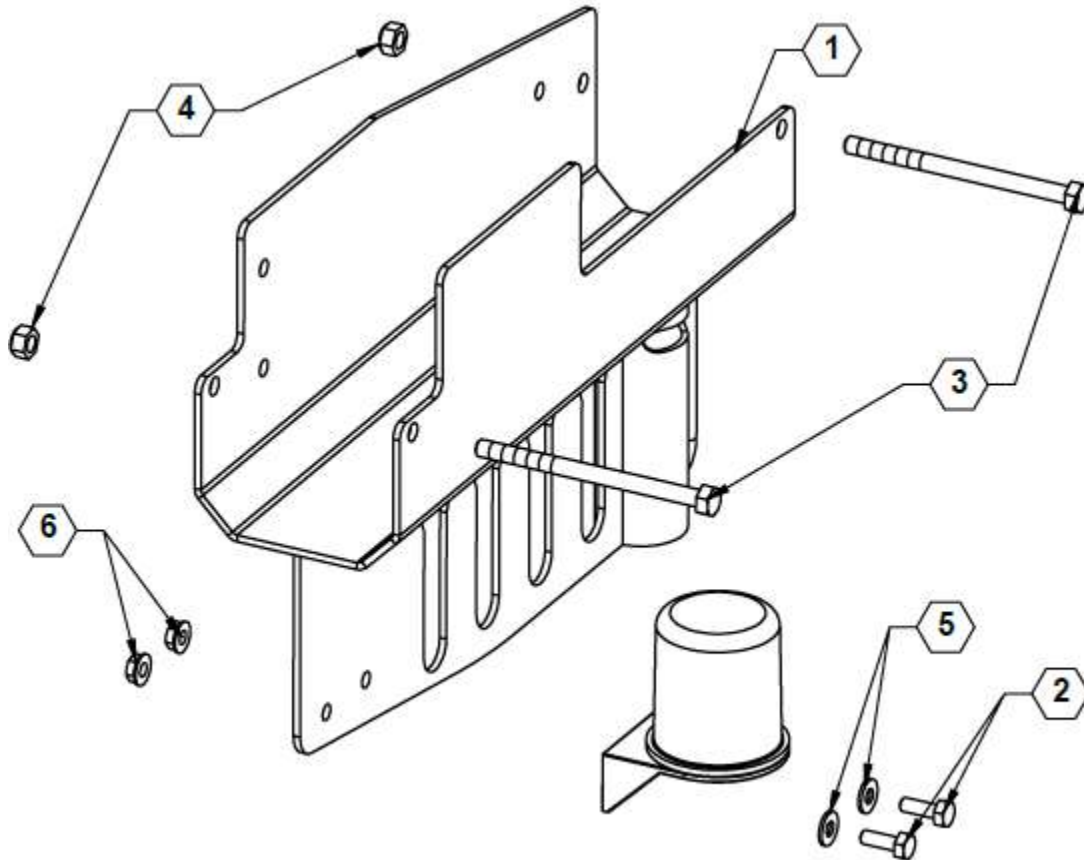
Large Hitch



Parts List 90SAHITCHLG: Large Hitch

ITEM	PART NO.	QTY.	DESCRIPTION
1	790002	1	HITCH, CAT 4, BOTTOM
2	790004	1	HITCH, CAT 4, TOP
3	596390M	1	BOLT, HH 3/4-10X5.5" GR8 MAGNI
4	596743M	1	NUT, NYLOCK 3/4-10 MAGNI

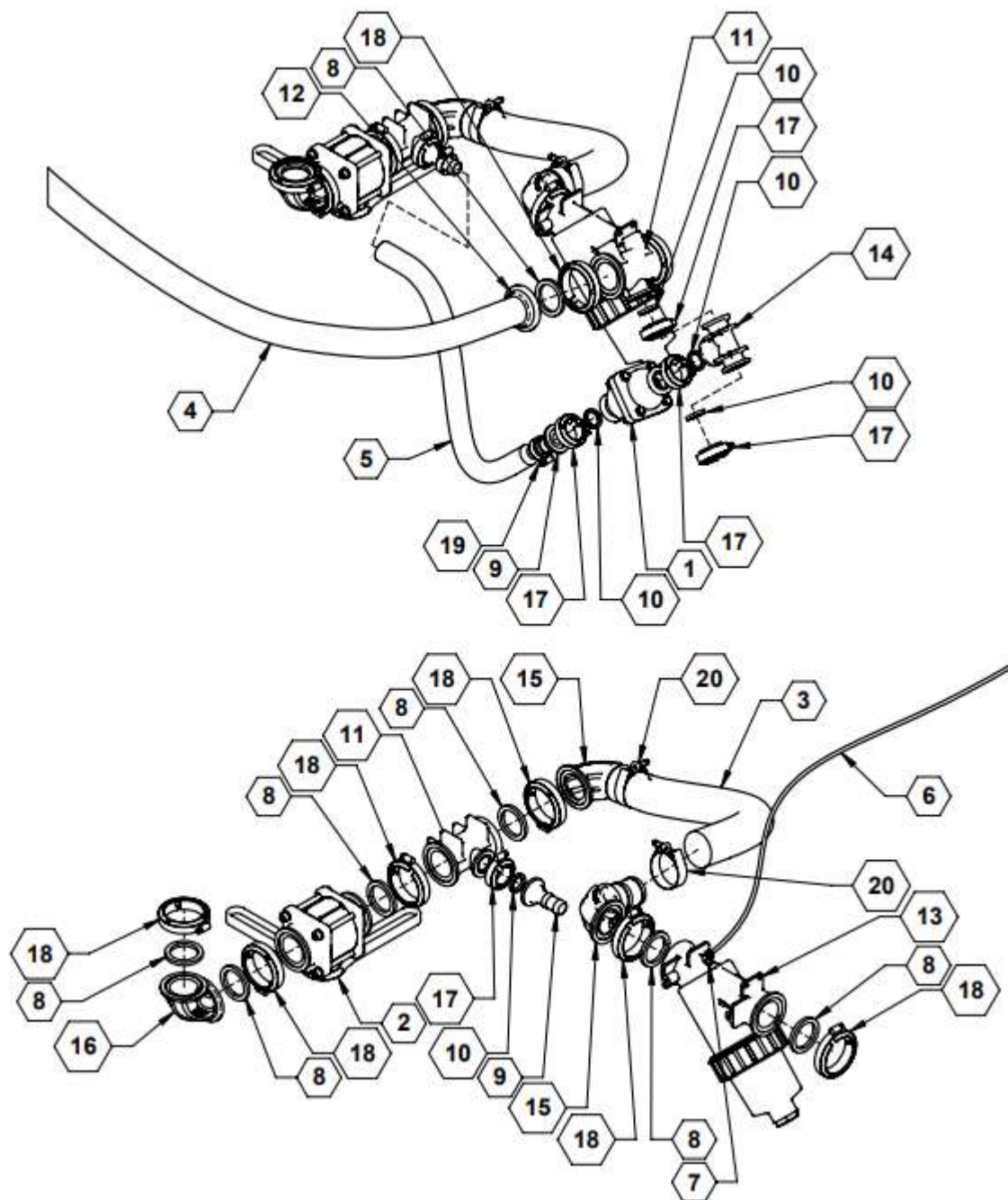
Hose / Manual Holder with Grips



Parts List 38272: Hose / Manual Holder with Grips

ITEM	PART NO.	QTY.	DESCRIPTION
1	38270	1	HOSE HOLDER WLDMNT W GRIPS
2	596101M	2	BOLT, HH 1/4-20 X 3/4 GR5 MAGNI
3	596122M	2	BOLT, HEX 5/16 X 4-1/2" GR5 MAGNI
4	596228M	2	NUT, HEX NYLOCK 5/16-18 MAGNI
5	596256M	2	WASHER, FLAT 1/4 USS MAGNI
6	596767M	2	NUT, HEX FLANGE 1/4-20 MAGNI
7	740018	1	LIGHT HARNESS HOLDER

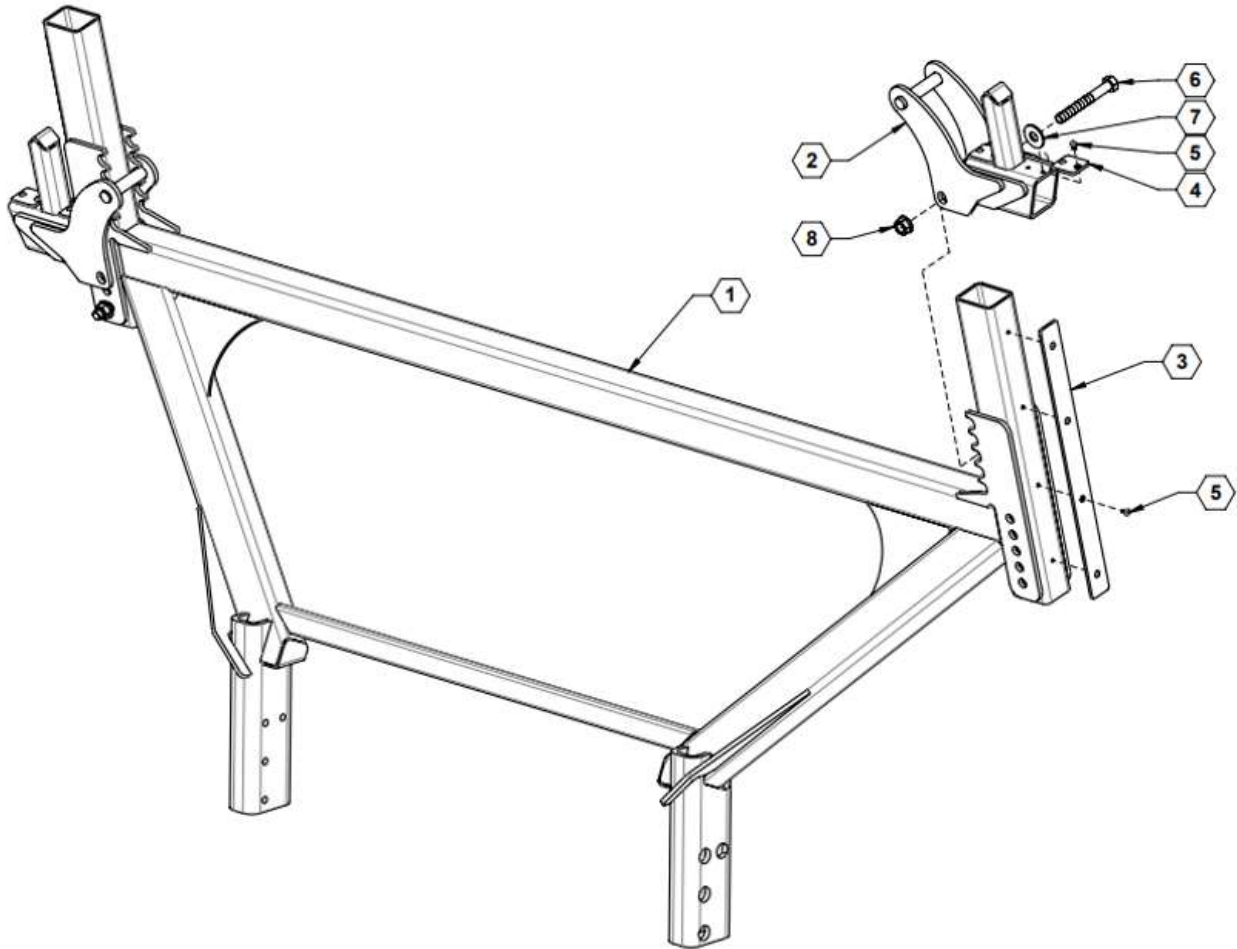
Sump and Pump Plumbing Assembly



Parts List 34297: Sump and Pump Plumbing Assembly

ITEM	PART NO.	QTY.	DESCRIPTION
1	500004	1	VALVE, 100 PSI RELIEF
2	500006	1	VALVE, 2" FULL PORT MANIFOLD
3	510003	2 FT	HOSE, 2" FERTILIZER
4	510014	5 FT	HOSE, 1-1/2" EPDM
5	510016	3 FT	HOSE, 1" EPDM
6	510023	18 FT	BURP HOSE PUMP
7	530003	1	ELBOW, MALE 1/4"NPT X1/8"
8	530019	8	GASKET, 2.00 EPDM
9	530066	2	FITTING, 1.00 MANIFOLD X 1.00 HB
10	530068	5	GASKET, 1.00 EPDM
11	530099	2	MANIFOLD, 2" FP X 1" FLANGE TEE
12	530100	1	MANIFOLD FLANGE, 2" FP X 1-1/2" HB
13	530125	1	STRAINER, 2" FULL PORT LINE
14	530298	1	MANIFOLD TEE, 1"
15	530334	2	2" FP PLANGE X HOSE SHK SWEEP
16	530386	1	MANIFOLD SWEEP, 2" FP FLANGE
17	540000	5	CLAMP, WORM SCREW, 1.00
18	540002	8	CLAMP, FP WORM SCREW, 2.00
19	540014	2	HOSE CLAMP, SS 1.00 #16
20	540069	2	HOSE CLAMP, 2.00 T-BOLT

Transport Rest

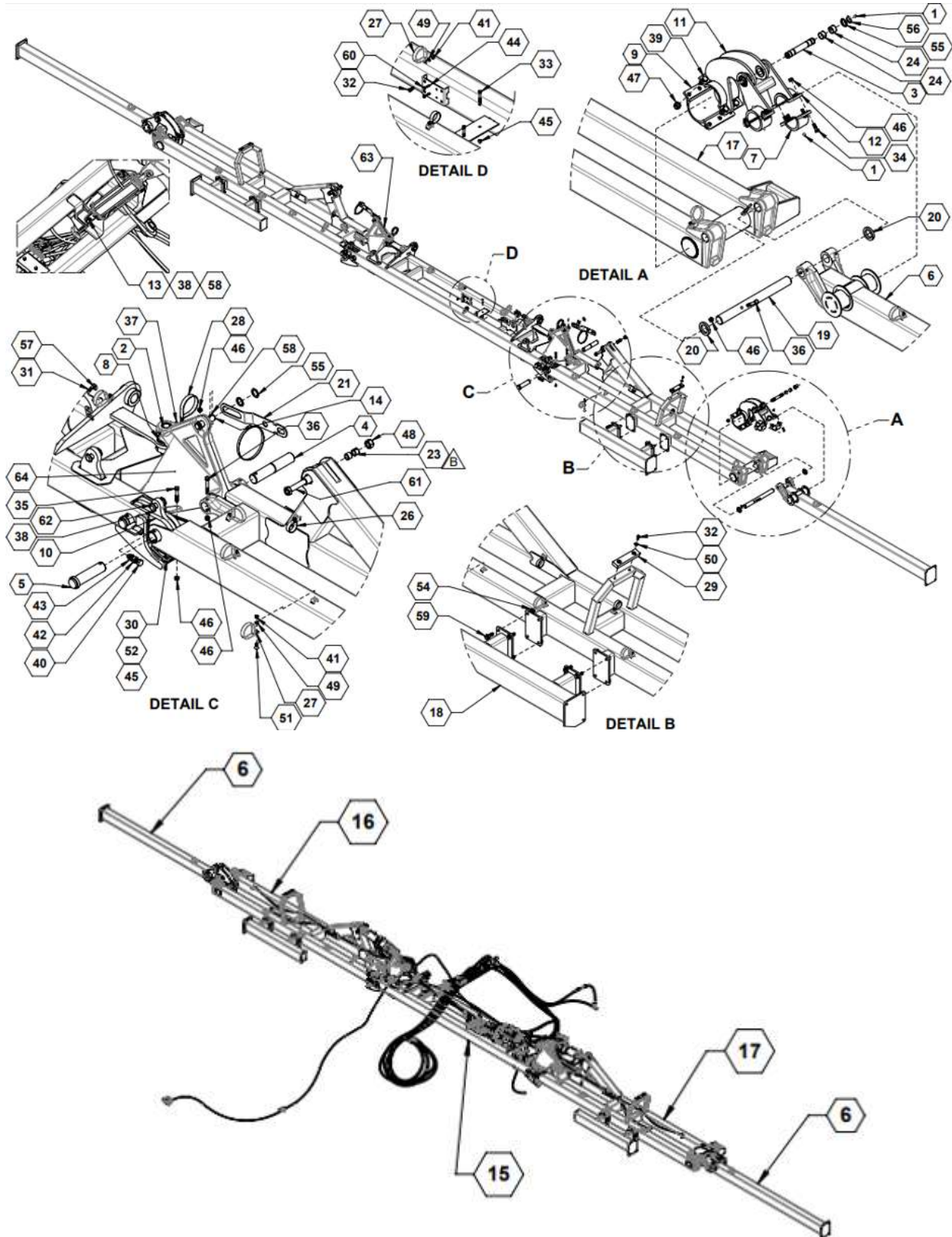


Parts List 38045: Transport Rest

ITEM	PART NO.	QTY.	DESCRIPTION
1	38046	1	WLDMNT, REST BASE
2	38060	2	WLDMNT, TRANSPORT REST
3	590170	2	PLATE, BUMP
4	590476	4	PAD, RUB, 2 X 2.5
5	590581	16	RIVET, POUND IN, 1/4 X 7/16
6	596192M	2	BOLT, HH 3/4-10 X 6 GR5 MAGNI
7	596259M	2	WASHER, FLAT 3/4 MAGNI
8	596775M	2	NUT, HEX FLANGE 3/4-10 GR8 MAGNI

TOOLBAR & GAUGE WHEELS

Toolbar 60' (18m) / 66'



Parts List 38000 / 38110: Toolbar 60' (18m) / 66'

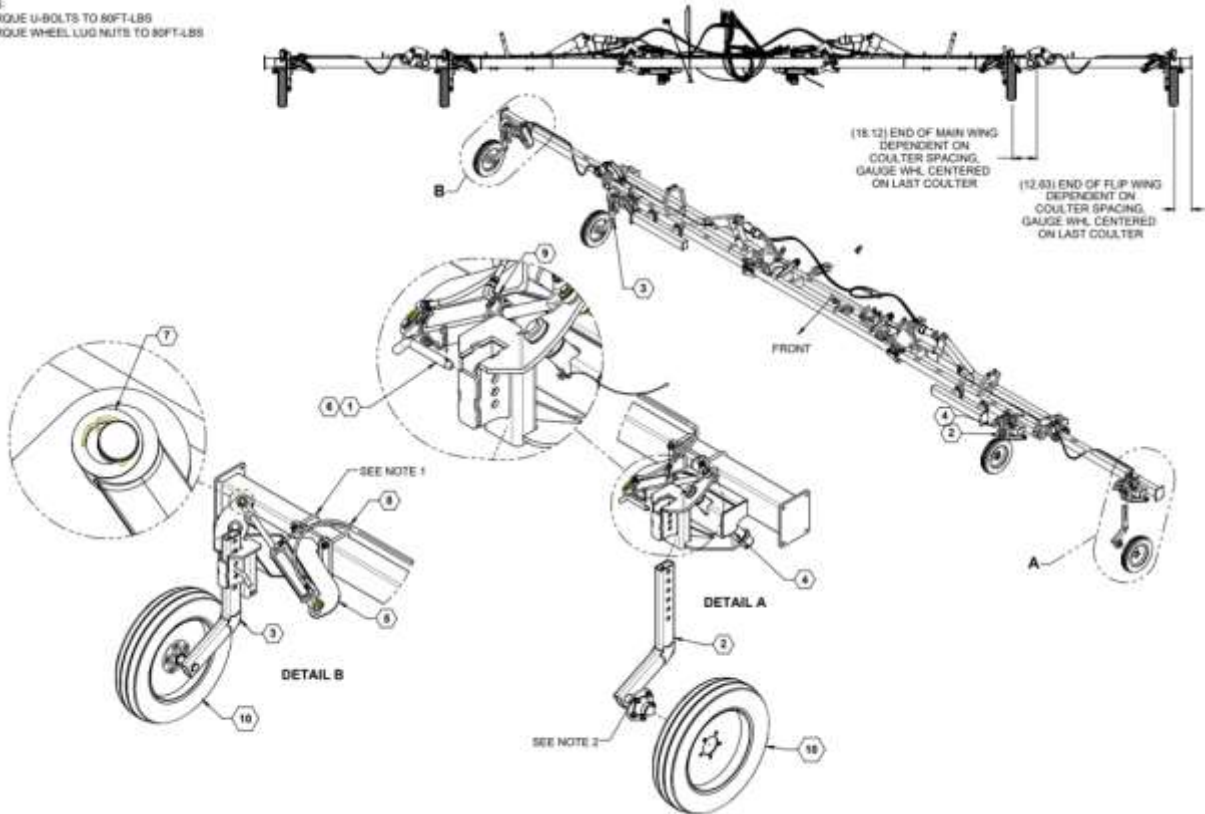
ITEM	PART NO.	QTY.	DESCRIPTION
1	759	26	ZERK, 1/4-28 STRAIGHT PIPE THREAD
2	15045	2	PIN, MAIN HINGE
3	15137	2	PIN, FLIP WING LINKAGE
4	15139	2	PIN, MAIN FLEX
5	15155	4	WLDMT, LATCH PIN
6	15226	2	60' FLIP WING
	15082		66' FLIP WING
7	15232	4	LINKAGE BASE WLDMNT
8	15277	6	WASHER, STAINLESS STEEL
9	15537	2	LINKAGE BASE WLDMNT
10	15630	2	LATCH WLDMNT
11	21092	2	WLDMT, FLIP LINKAGE MAIN
12	21094	2	WLDMT, OUTER FLIP LINKAGE
13	23658	2	PIN, CYLINDER, 1 X 3-7/8" ETD
14	27256	2	ANTI ROTATE PIN
15	38001	1	WLDMNT, CENTER
16	38002	1	RH INNER WING WLDMNT
17	38003	1	LH INNER WING WLDMNT
18	38037	2	WLDMNT, MAIN WING OFFSET
19	38040	2	PIN, FLIP WING HINGE
20	38041	4	TUBE, FLIP SPACER
21	38042	2	PLATE, CYL ANTI ROTATE
22	38070	1	ASSY, BASE HYDRAULICS
23	530281	4	SPRING BUSHING 1" I.D.
24	530291	8	BUSHING, 1-1/4" I.D. x 1" LG
25	540021	2	CLAMP, 4 1/8 - 7"
26	540051	7	P-CLAMP, 2" W/3/8" HOLE
27	540052	20	P-CLAMP, 3" WITH 3/8" HOLE
28	540054	2	P-CLAMP, 4" W/1/2" HOLE
29	590065	2	BUMPER PAD, WING REST
30	590265	4	PLATE, WEAR
31	596104M	4	BOLT, HH 1/4-20X1-3/4 GR5 MAGNI
32	596128M	5	BOLT, HH 3/8-16 X 1 GR5 MAGNI
33	596132M	2	BOLT, HH 3/8-16 X 3 GR5 MAGNI
34	596153M	16	BOLT, HH 1/2-13X1-1/2 GR5 MAGNI
35	596156M	4	BOLT, HH 1/2 X 3 GR5 MAGNI

ITEM	PART NO.	QTY.	DESCRIPTION
36	596157M	4	BOLT, HH 1/2 X 3-1/2 GR5 MAGNI
37	596160M	2	BOLT, HH 1/2X5 GR5 MAGNI
38	596179M	12	BUSHING, MACHINED 1" X 14GA MAGNI
39	596184M	12	BOLT, HH 3/4X2 GR5 MAGNI
40	596186M	2	BOLT, HH 3/4-10 X 3 GR8 MAGNI
41	596213M	26	NUT, HEX 3/8-16 MAGNI
42	596217M	2	NUT, HEX 3/4-10 G5 MAGNI
43	596225M	2	NUT, HEX JAM 3/4-10 GR8 MAGNI
44	596235M	2	NUT, CENTERLOCK, 1/4-20 MAGNI
45	596237M	12	NUT, CENTERLOCK 3/8-16 MAGNI
46	596239M	26	NUT, CENTERLOCK, 1/2-13 MAGNI
47	596241M	12	NUT, CENTERLOCK 3/4-10 MAGNI
48	596242M	2	NUT, CENTERLOCK, 1" MAGNI
49	596250M	25	LOCKWASHER, 3/8 MAGNI
50	596258M	6	WASHER, FLAT 3/8 MAGNI
51	596592M	25	BOLT, CARRIAGE 3/8-16 X 1 MAGNI
52	596726M	8	BOLT, FHSCS 3/8-16 X 1-1/4 MAGNI
53	596741M	2	BOLT, HH 3/8 X 3-1/4 GR5 MAGNI
54	596742M	16	NUT, TOP LOCK FLANGE 5/8-11 MAGNI
55	596744M	10	BUSHING, MACHINE, 1-1/4 x 14 GA MAGNI
56	596748M	4	SNAP RING, 1-1/4 MAGNI, HVY DUTY
57	596767M	4	NUT, HEX FLANGE 1/4-20 MAGNI
58	596808M	10	COTTER PIN, 3/16 X 2" MAGNI
59	596831M	16	BOLT, FLANGED 5/8-11 X 2" GR8 MAGNI
60	596848M	2	BOLT, HH 1/4-20 X 2 GR5 MAGNI
61	596733M	2	BOLT, HH 1 X 9-1/4, GR8, MAGNI
62	620072	2	PIN, CYLINDER, 1" X 3-3/8", KIT PKG OF 2
63	750077	1	RH CAST FLEX HINGE
64	750078	1	LH CAST FLEX HINGE

Gauge Wheels, Folding

NOTES

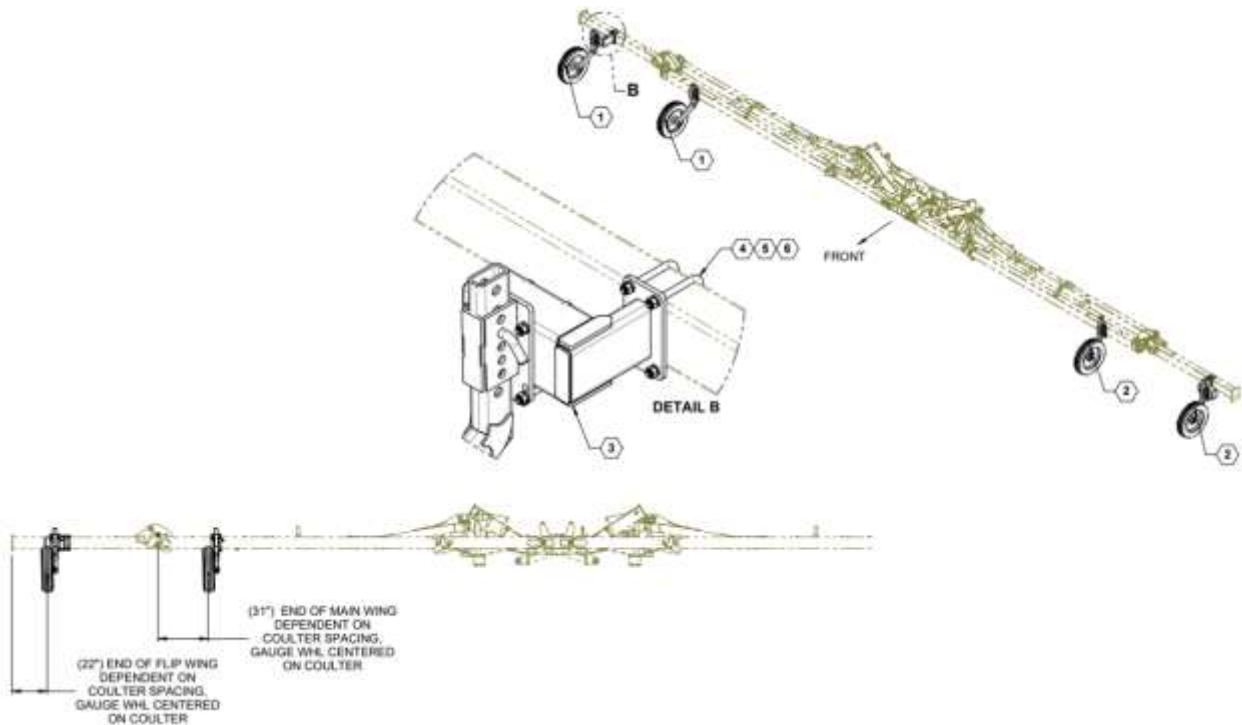
1. TORQUE U-BOLTS TO 80FT-LBS
2. TORQUE WHEEL LUG NUTS TO 80FT-LBS



Parts List 38076 / 38094: Gauge Wheels, Folding

ITEM	PART NO.	QTY.	DESCRIPTION
1	19061	4	PIN, GAUGE WHEEL MOUNT
2	22018L	2	ARM ASSY, PIVOT GA WHEEL LH
3	22018R	2	ARM ASSY, PIVOT GA WHEEL RH
4	38075	2	ASSY, FOLDING GAUGE WHEEL
5	38090	2	ASSY, RH FOLDING GAUGE WHL
6	590017	4	PIN, HAIR CLIP, 1/8 X 3-1/8" ZP
7	596179M	16	BUSHING, MACHINED 1" X 14GA MAGNI
8	600153	1	KIT, FOLDING GAUGE WHEELS 8200N
9	620023	4	CYLINDER, 25TD08-112
10	700134	4	YELLOW TIRE/WHEEL 6.70X15 GAUGE WHEEL
	700133		SILVER TIRE/WHEEL 6.70X15 GAUGE WHEEL

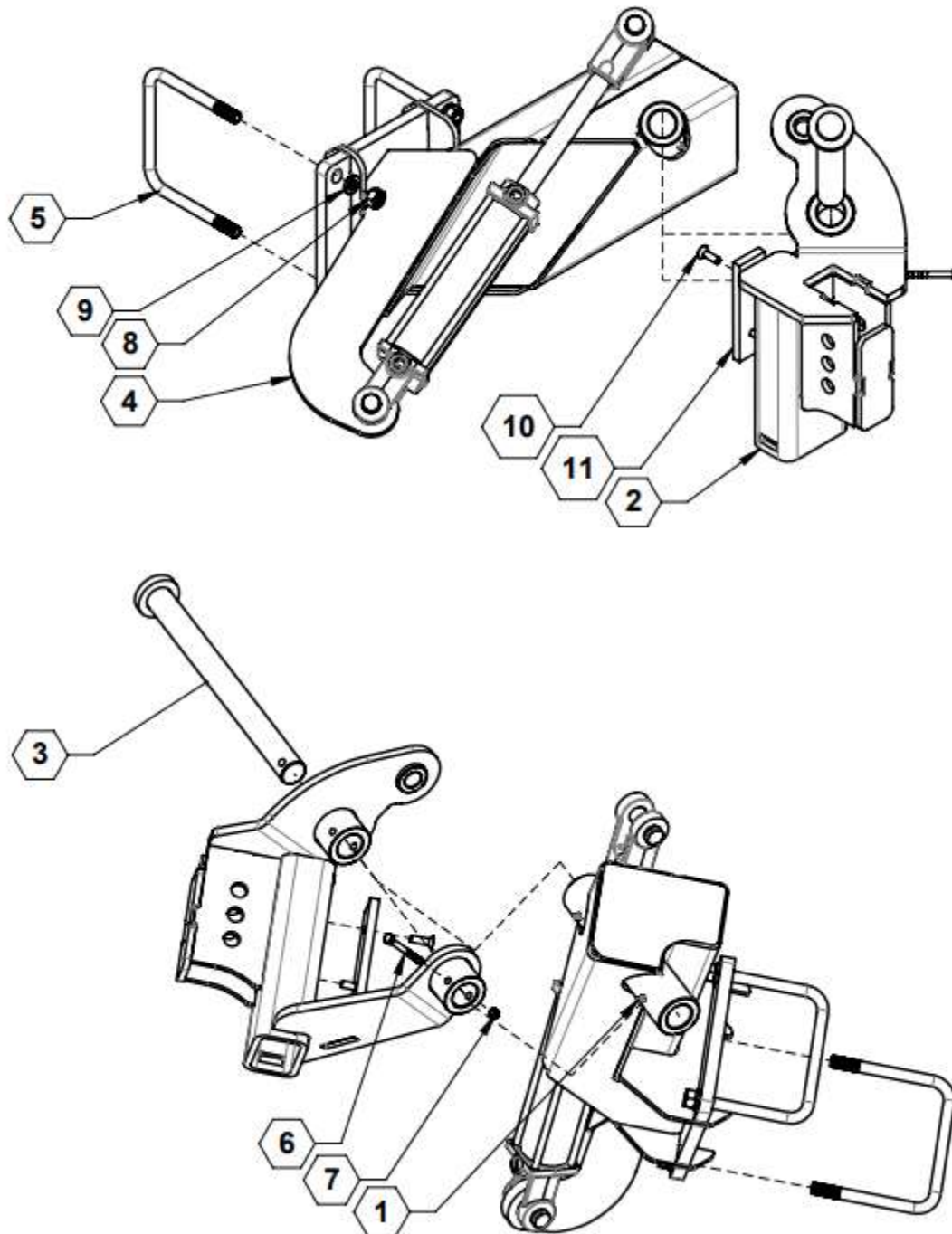
Gauge Wheels, Non-Folding



Parts List 26870 / 26871 / 26872 / 26873: Gauge Wheels, Non-Folding

ITEM	PART NO.	QTY.	DESCRIPTION
1	26860	2	ASSY, LARGE GAUGE WHEEL RH YELLOW
	26883		ASSY, LARGE GAUGE WHEEL RH SILVER
2	26861	2	ASSY, LARGE GAUGE WHEEL LH YELLOW
	26884		ASSY, LARGE GAUGE WHEEL LH SILVER
3	27145	2	WLD MNT, TUBE STAND OFF 12IN
4	590061	4	U-BOLT, 5/8" X 7" X 5", CZP
5	596216M	8	NUT, HEX 5/8-11 MAGNI
6	596253M	8	LOCKWASHER 5/8 MAGNI

Folding Gauge Wheel Mechanism



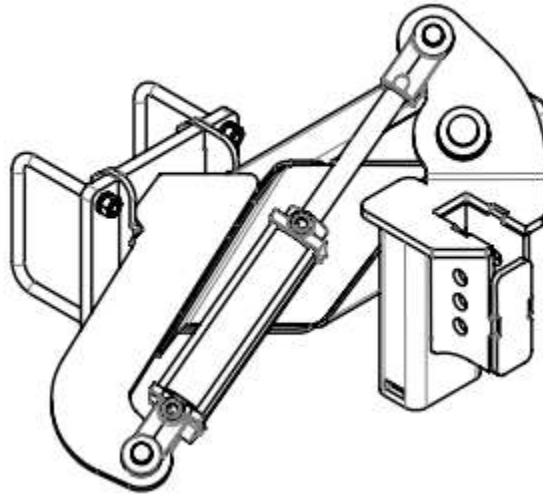


Figure 1: Lefthand

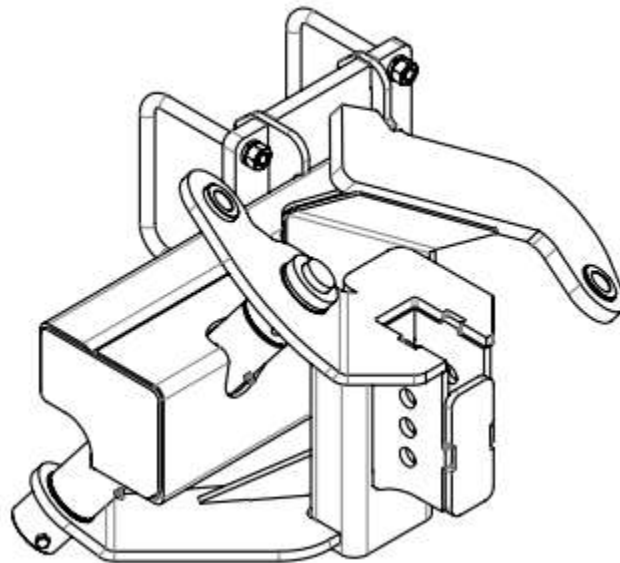
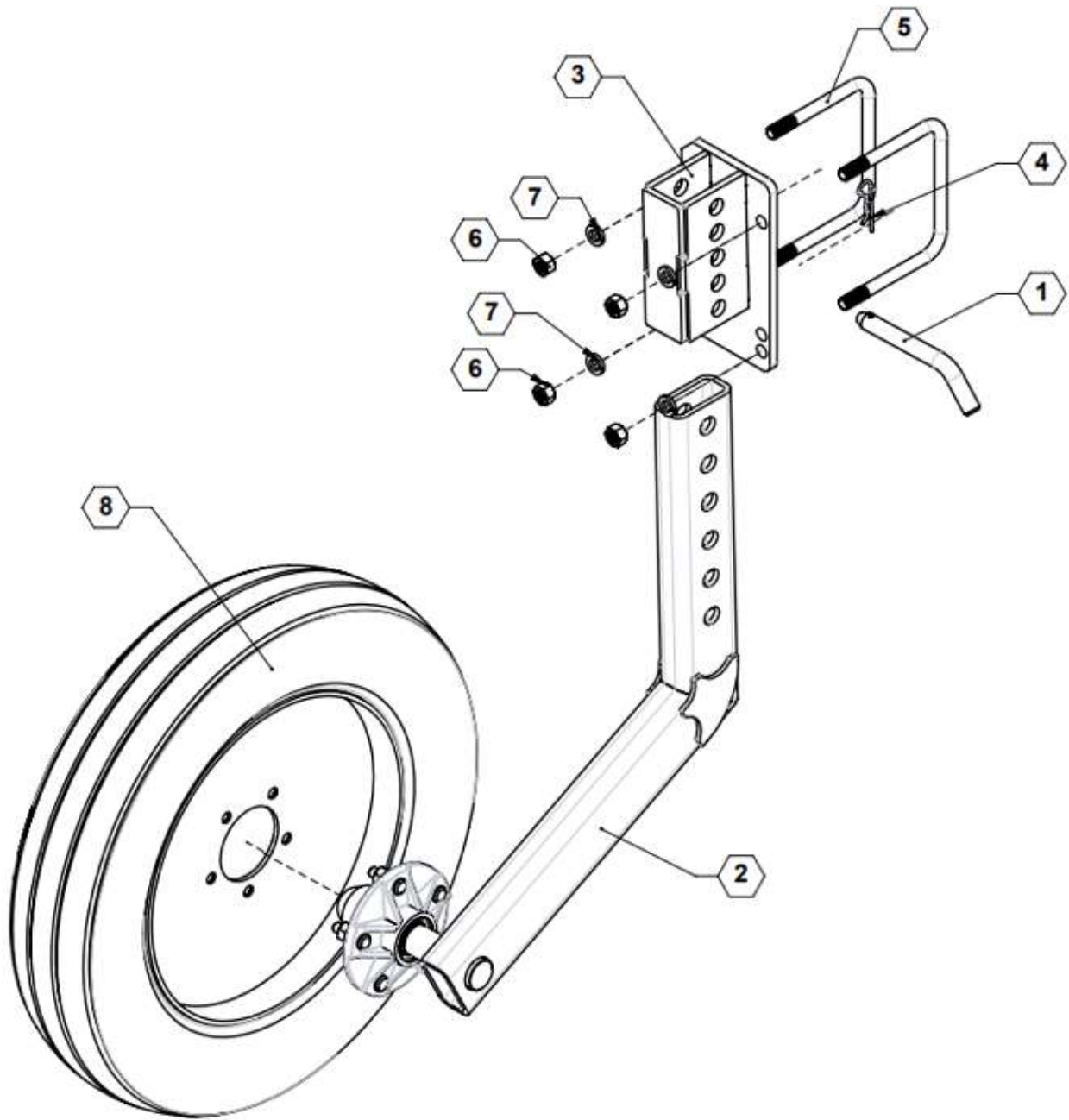


Figure 2: Righthand

Parts List 38075 / 38090: Folding Gauge Wheel Mechanism

ITEM	PART NO.	QTY.	DESCRIPTION
1	759	2	ZERK, 1/4-28 STRAIGHT PIPE THREAD
2	21925L	2	WLDMNT, GAUGE WHL ARM MNT
	21925R		WLDMNT, GAUGE WHEEL ARM MNT RH
3	37155	1	FOLDING GAUGE WHEEL PIN
4	38074	1	WLDMNT, GAUGE WHL BASE MNT LH
	38077		WLDMNT, GAUGE WHL BASE MNT RH
5	590061	2	U-BOLT, 5/8" X 7" X 5", CZP
6	596119M	1	BOLT, HH 5/16-18 X 3 GR5 MAGNI
7	596212M	1	NUT, HEX 5/16-18 MAGNI
8	596216M	4	NUT, HEX 5/8-11 MAGNI
9	596253M	4	LOCKWASHER 5/8 MAGNI
10	596726M	2	BOLT, FHSCS 3/8-16 X 1-1/4 MAGNI
11	750066	1	PAD, GA WHEEL STOP
12	620023	1	CYLINDER, 25TD08-112

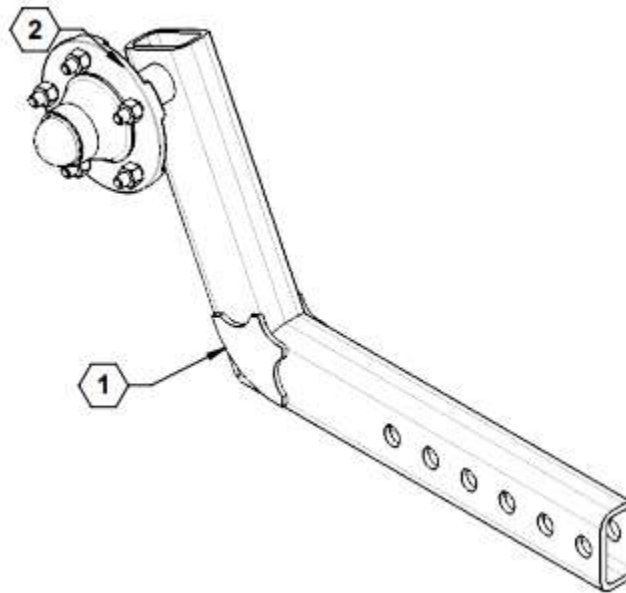
Large, Non-folding Gauge Wheel



Parts List 26860 / 26861 / 26883 / 26884: Large, Non-folding Gauge Wheel

ITEM	PART NO.	QTY.	DESCRIPTION
1	19061	1	PIN, GAUGE WHEEL MOUNT
2	22041L	1	ARM ASSY, NAR. GAUGE WHEEL, LH
	22041R		ARM ASSY, NAR. GAUGE WHEEL, RH
3	35747	1	MOUNT WLDMT, LH
	35748		MOUNT WLDMT, RH
4	590017	1	PIN, HAIR CLIP, 1/8 X 3-1/8" ZP
5	590061	2	U-BOLT, 5/8" X 7" X 5", CZP
6	596216M	4	NUT, HEX 5/8-11 MAGNI
7	596253M	4	LOCKWASHER 5/8 MAGNI
8	700134	1	YELLOW TIRE/WHEEL 6.70X15 GAUGE WHEEL
	700133		SILVER TIRE/WHEEL 6.70X15 GAUGE WHEEL

Pivot Gauge Wheel Arm Assembly, Folding



Parts List 22018L / 22018R: Pivot Gauge Wheel Arm Assembly, Folding

ITEM	PART NO.	QTY.	DESCRIPTION
1	22135L	1	ARM WLDMT LH
	22135R		ARM WLDMT RH
2	730003ASSY	1	HUB COMPLETE (736) 5 BOLT ASSY

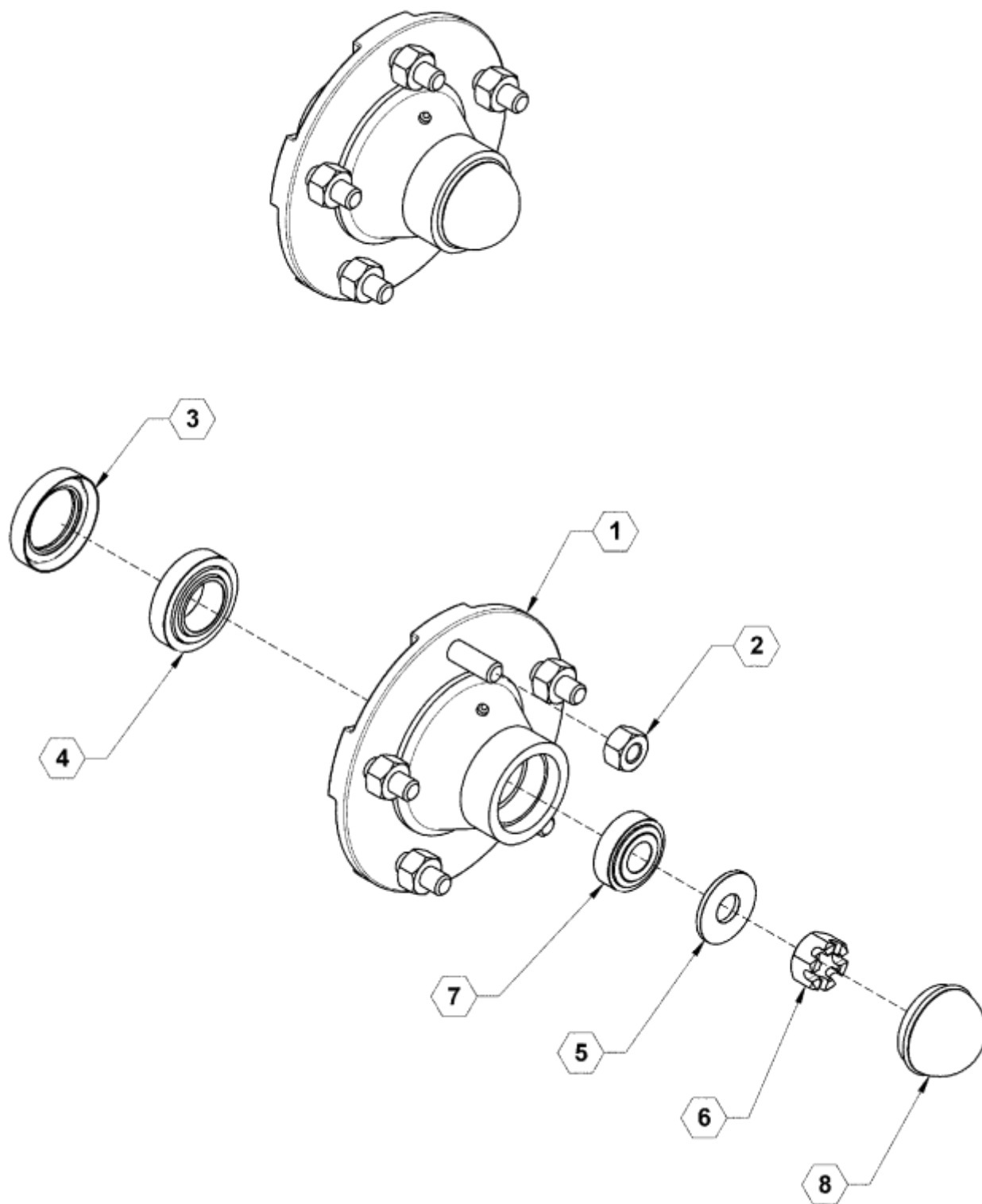
Pivot Gauge Wheel Arm Assembly, Non-Folding

See above.

Parts List 22041L / 22041R: Pivot Gauge Wheel Arm Assembly, Non-Folding

ITEM	PART NO.	QTY.	DESCRIPTION
1	22045L	1	ARM WLDMT LH
	22045R		ARM WLDMT RH
2	730003ASSY	1	HUB COMPLETE (736) 5 BOLT ASSY

Hub Assembly, 5-Bolt Q736

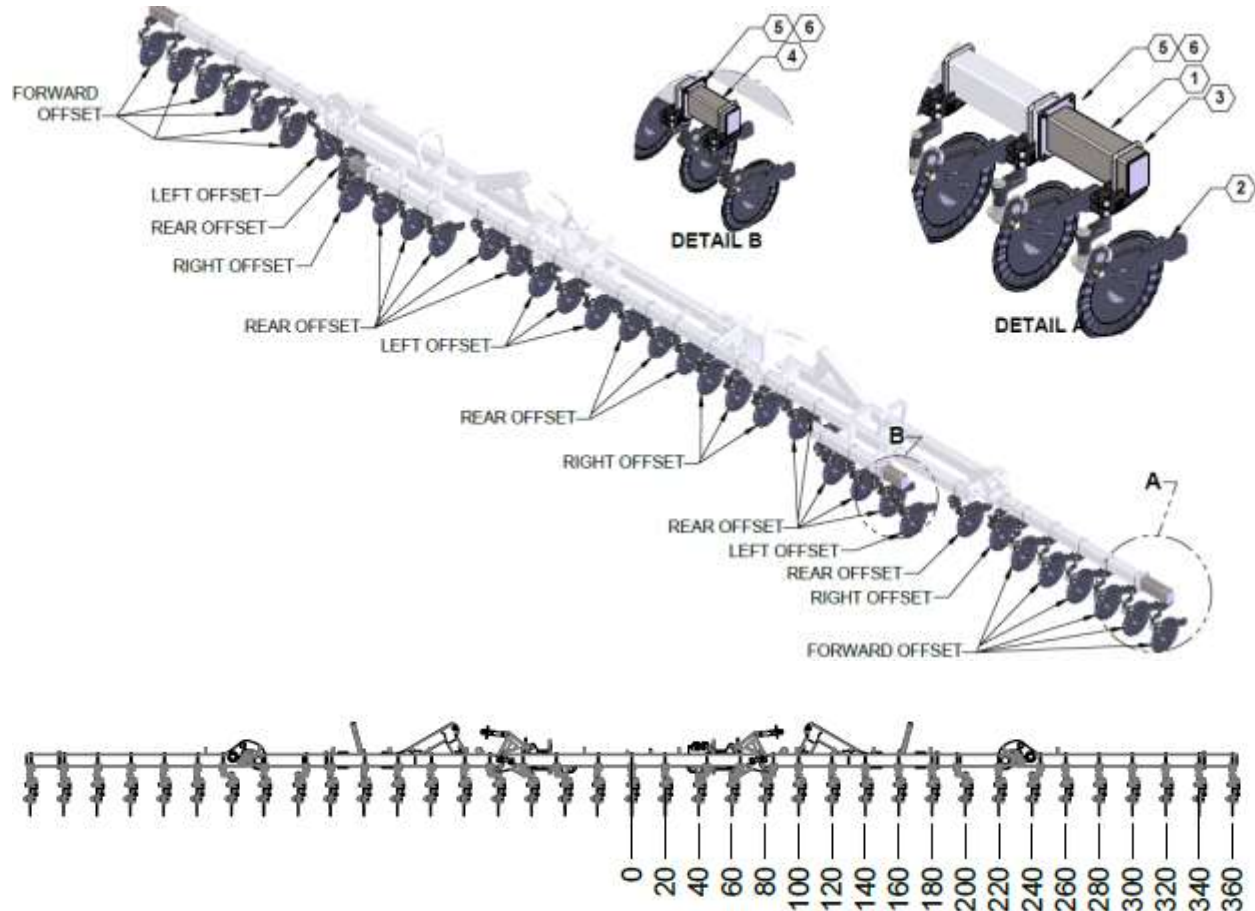


Parts List 730003ASSY: Hub Assembly, 5-Bolt Q736

ITEM	PART NO.	QTY.	DESCRIPTION
1	730003	1	Q736 HUB ASSEMBLY (ITEMS 1-7)
2	1724	5	WHEEL STUD BOLT, 913576
2	1725	5	WHEEL LUG NUT, 912919
3	1716	1	SEAL QDS 906296
4	1710	1	INNER CUP (LM67010)
4	1712	1	INNER CONE (LM67048)
5	730034	1	HUB WASHER
6	730035	1	CASTLE NUT N669
7	1711	1	OUTER CUP (LM11910)
7	1713	1	OUTER CONE (LM11949)
8	1714	1	HUB CAP QDS 909931

ROW UNITS

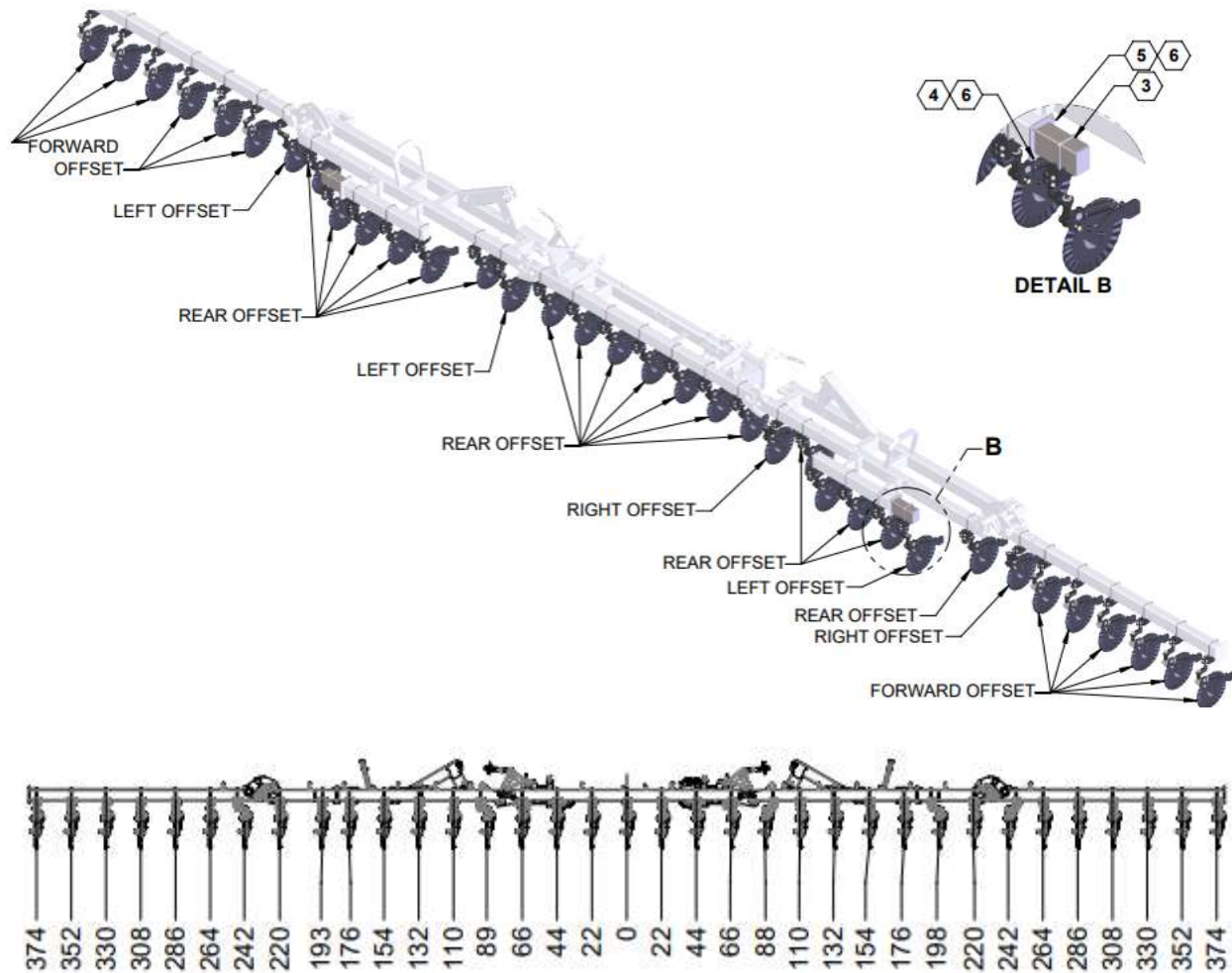
AP Coulters 20"



Parts List 38103 / 38104: AP Coulters 20"

ITEM	PART NO.	QTY. STD.	QTY. WIDE	DESCRIPTION
1	15380	-	2	WING EXTENSION WLDMNT
2	17301	35	37	ASSY, AP COULTER ROW UNIT
3	17305	35	37	ASSY, UPPER MOUNT CAST 7X5 TB
4	22213	2	2	WELD, EXTENSION TUBE
5	596153M	8	16	BOLT, HH 1/2-13X1-1/2 GR5 MAGNI
6	596239M	8	16	NUT, CENTERLOCK, 1/2-13 MAGNI

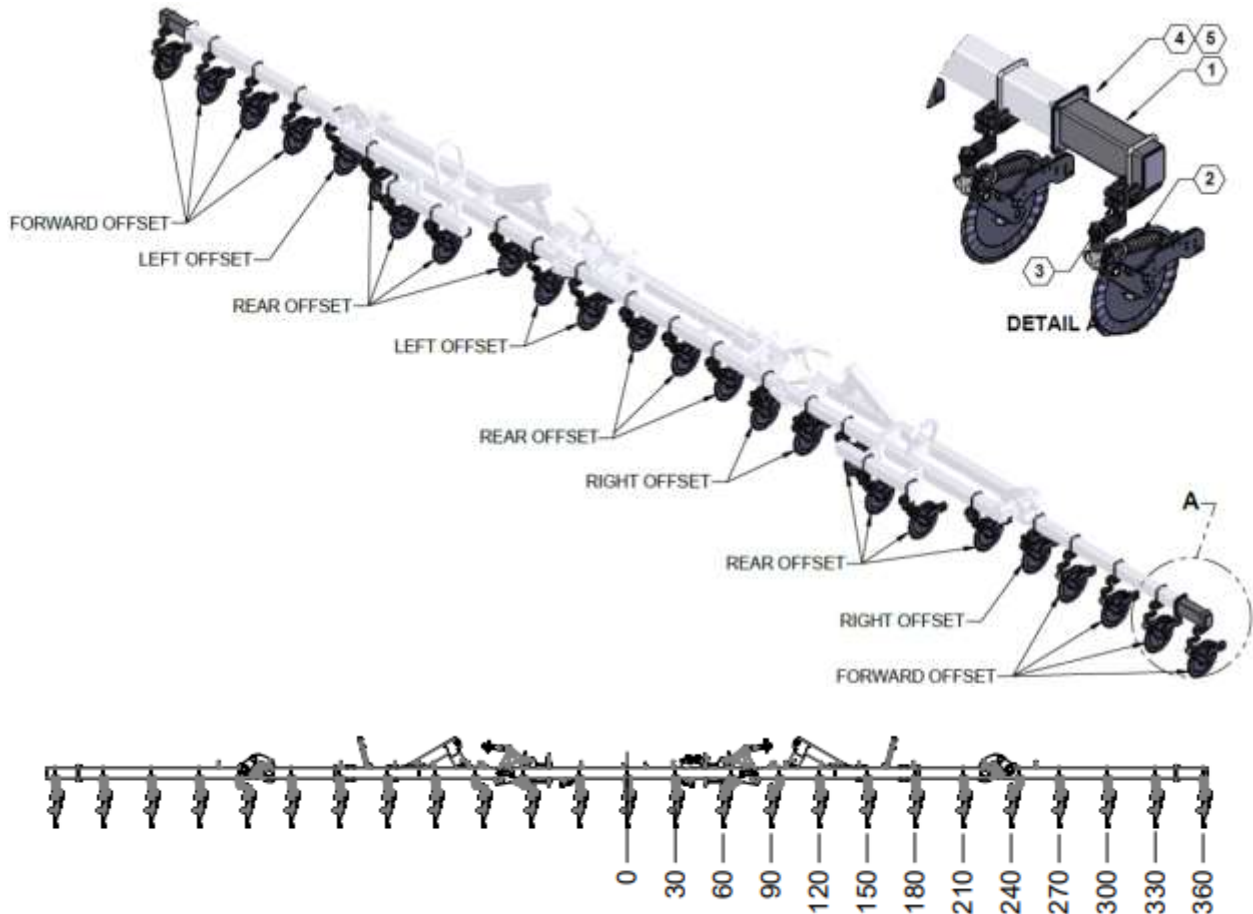
AP Coulters 22"



Parts List 38108: AP Coulters 22"

ITEM	PART NO.	QTY.	DESCRIPTION
1	17301	35	ASSY, AP COULTER ROW UNIT
2	17305	35	ASSY, UPPER MOUNT CAST 7X5 TB
3	22213	2	WELD, EXTENSION TUBE
4	596153M	4	BOLT, HH 1/2-13X1-1/2 GR5 MAGNI
5	596154M	4	BOLT, HH 1/2-13X2 GR5 MAGNI

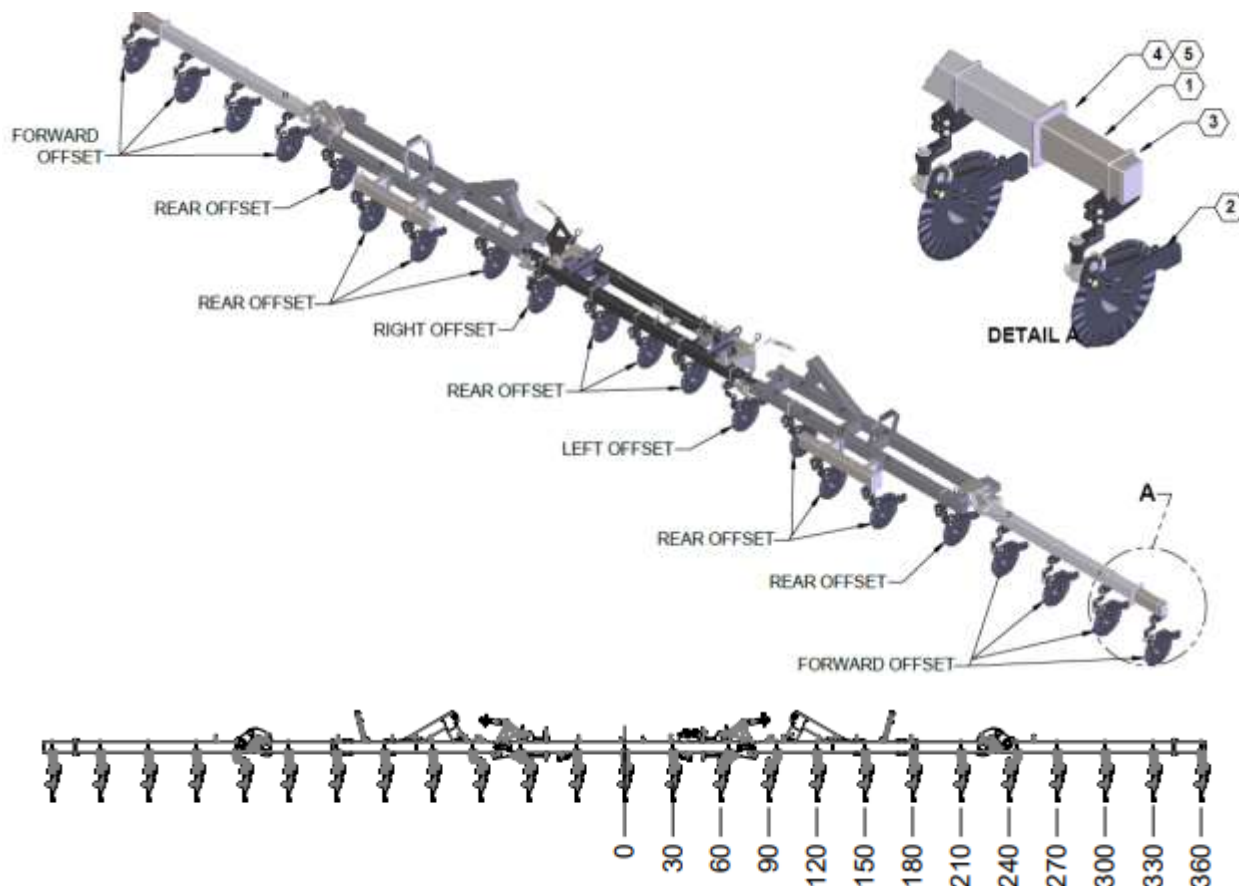
AP Coulters 30"



Parts List 38101 / 38102: AP Coulters 30"

ITEM	PART NO.	QTY. STD.	QTY. WIDE	DESCRIPTION
1	15380	-	2	WING EXTENSION WLDMNT
2	17301	23	25	ASSY, AP COULTER ROW UNIT
3	17305	23	25	ASSY, UPPER MOUNT CAST 7X5 TB
4	596153M	-	8	BOLT, HH 1/2-13X1-1/2 GR5 MAGNI
5	596239M	-	8	NUT, CENTERLOCK, 1/2-13 MAGNI
6	596767M	-	4	NUT, HEX FLANGE 1/4-20 MAGNI

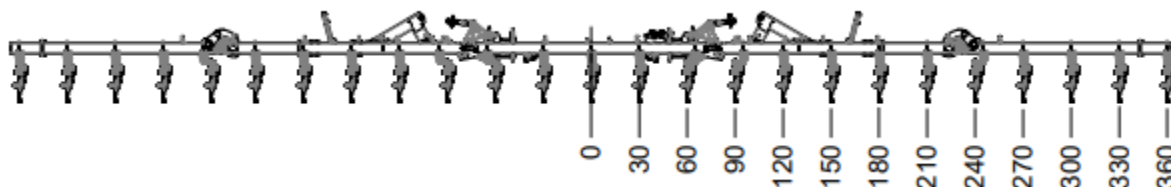
AP Coulters 36"



Parts List 38105 / 38106: AP Coulters 36"

ITEM	PART NO.	QTY. STD.	QTY. WIDE	DESCRIPTION
1	15380	-	2	WING EXTENSION WLDMNT
2	17301	19	21	ASSY, AP COULTER ROW UNIT
3	17305	19	21	ASSY, UPPER MOUNT CAST 7X5 TB
4	596153M	-	8	BOLT, HH 1/2-13X1-1/2 GR5 MAGNI
5	596239M	-	8	NUT, CENTERLOCK, 1/2-13 MAGNI

Rosta Coulters 30"



Parts List 38107: Rosta Coulters 30"

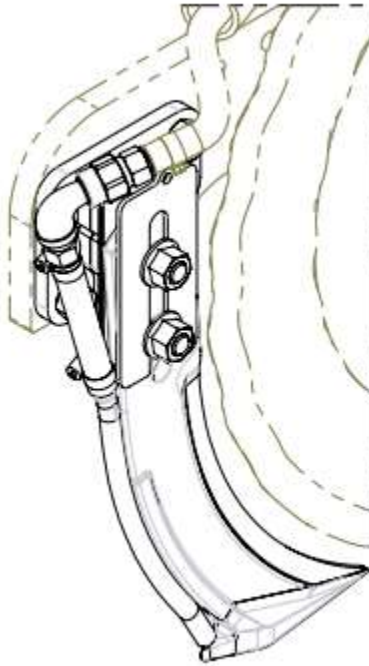
ITEM	PART NO.	QTY.	DESCRIPTION
1	17301	23	ASSY, AP COULTER ROW UNIT
2	17305	23	ASSY, UPPER MOUNT CAST 7X5 TB
3	22213	2	WELD, EXTENSION TUBE
4	596153M	4	BOLT, HH 1/2-13X1-1/2 GR5 MAGNI
5	596154M	4	BOLT, HH 1/2-13X2 GR5 MAGNI
6	596239M	8	NUT, CENTERLOCK, 1/2-13 MAGNI

Coulter Mounting

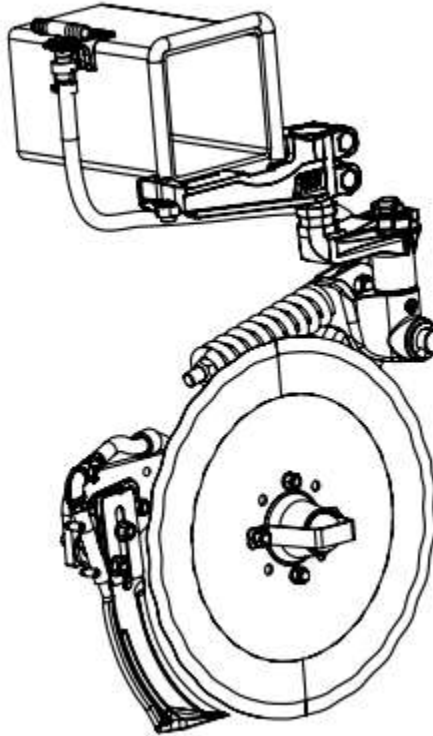


Parts List 17301 / 17305: Coulter Mounting

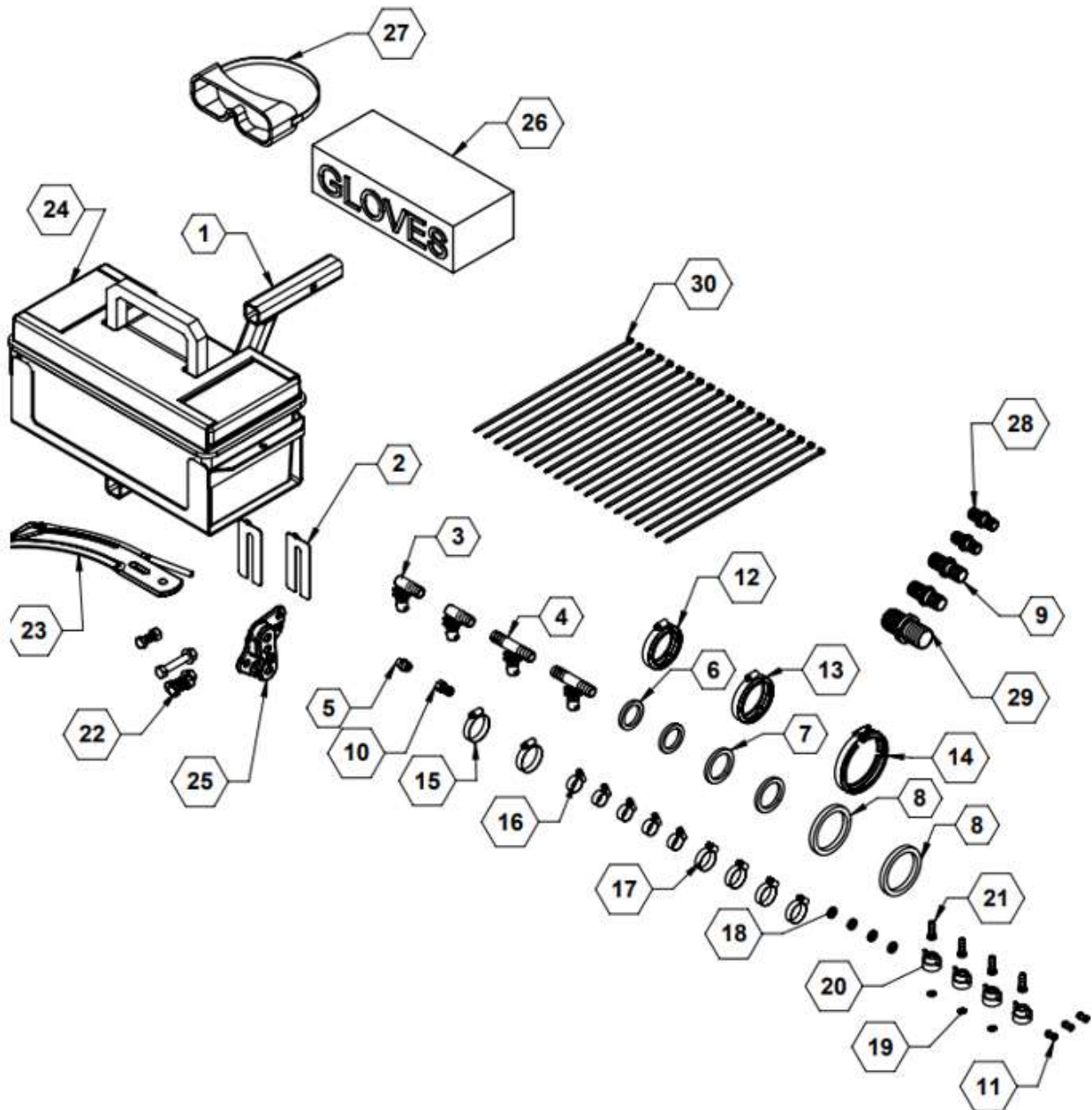
ITEM	PART NO.	QTY.	DESCRIPTION
-	17301	-	See 34471 in AP Coulter 820024.pdf
-	17305	-	See "AP Coulter Upper Casting Mounts" in AP Coulter 820024.pdf

Knife Option**Parts List: Knife Option**

See 34590 in [AP Coulter 820024.pdf](#)

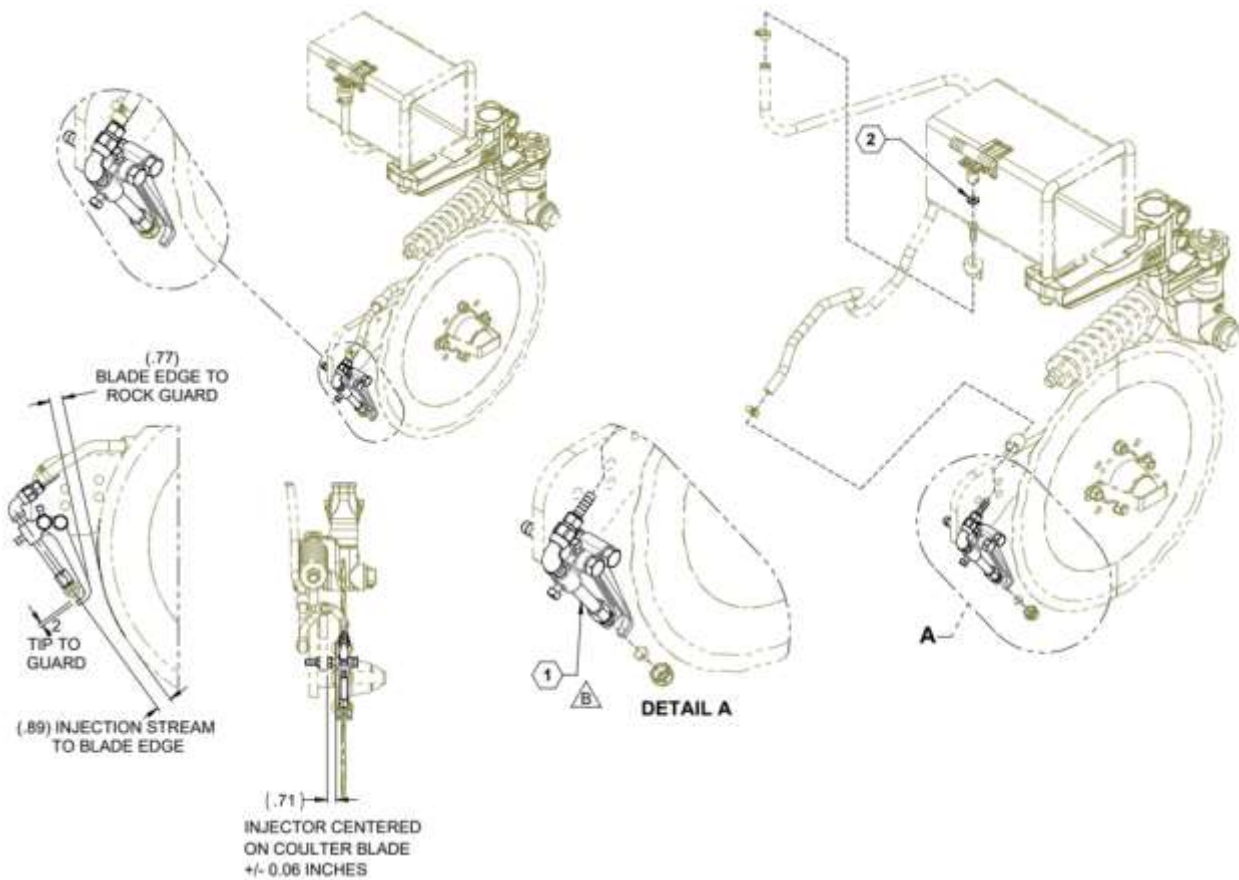
Knife High Flow Option**Parts List: Knife High Flow Option**

See 37139 in [AP Coulter 820024.pdf](#)

Knife Repair Kit**Parts List 28260: Knife Repair Kit**

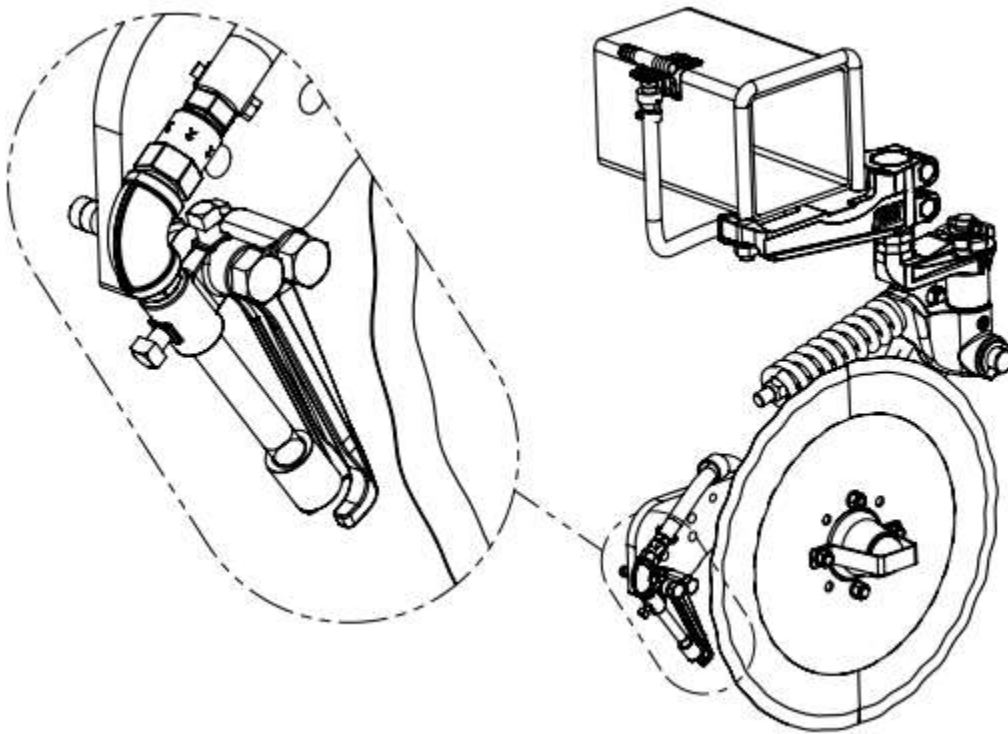
See 28260 in [AP Coulter 820024.pdf](#)

Injector Option



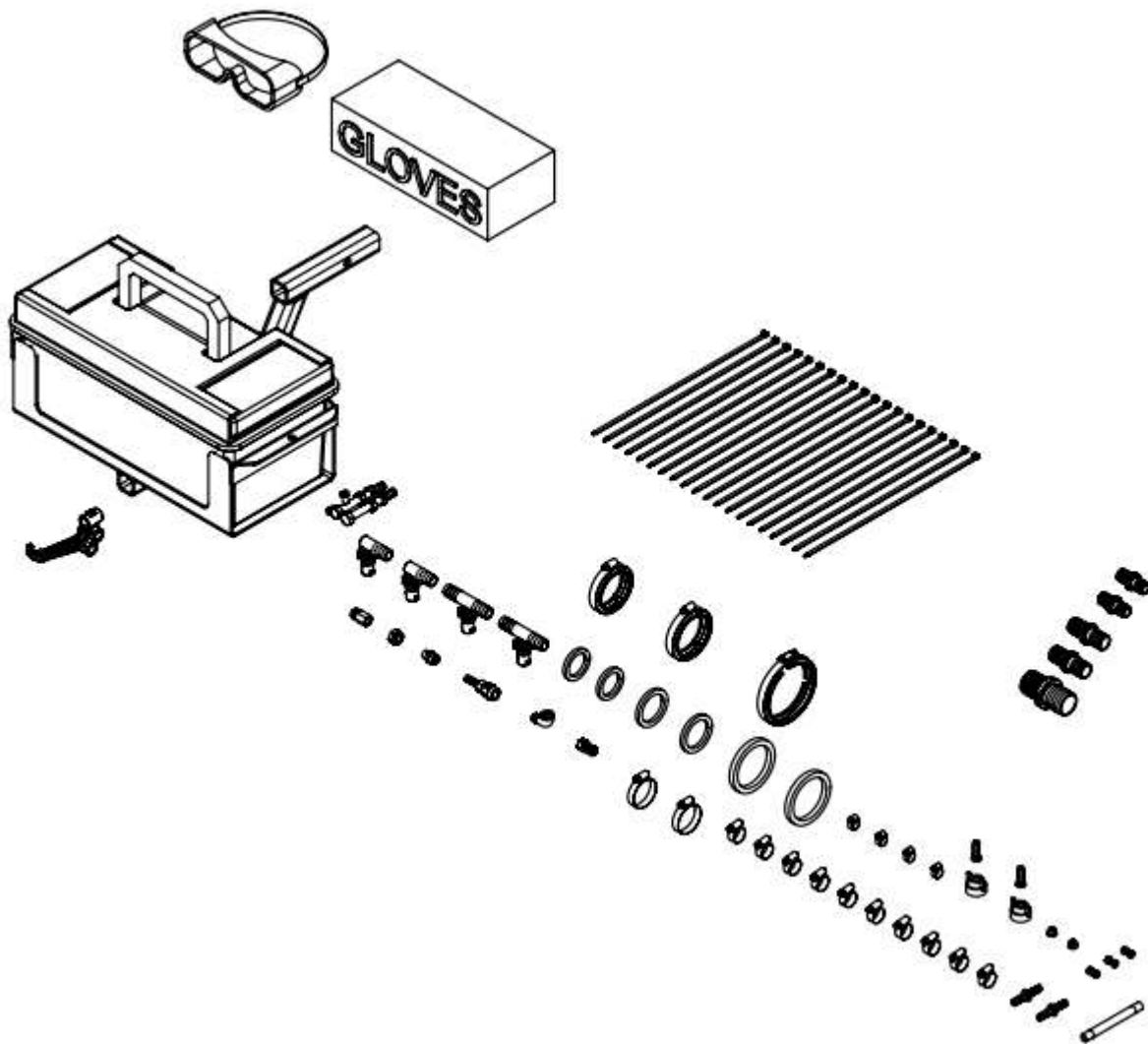
Parts List 17314: Injector Option

ITEM	PART NO.	QTY.	DESCRIPTION
1	90SAINJ	1	SUB-ASSY, INJECTION NOZZLE
2	520016	1	GASKET, QUICK TEEJET SEAT, STD EPDM

Injector High Flow Option**Parts List: Injector High Flow Option**

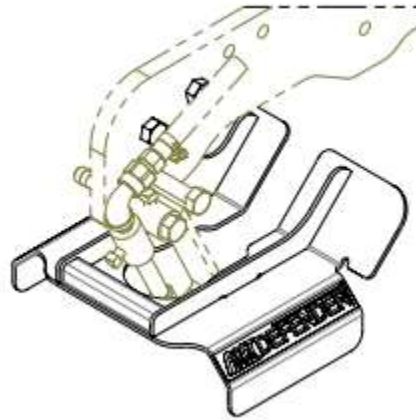
See 37140 in [AP Coulter 820024.pdf](#)

Injection Repair Kit



Parts List: Injection Repair Kit

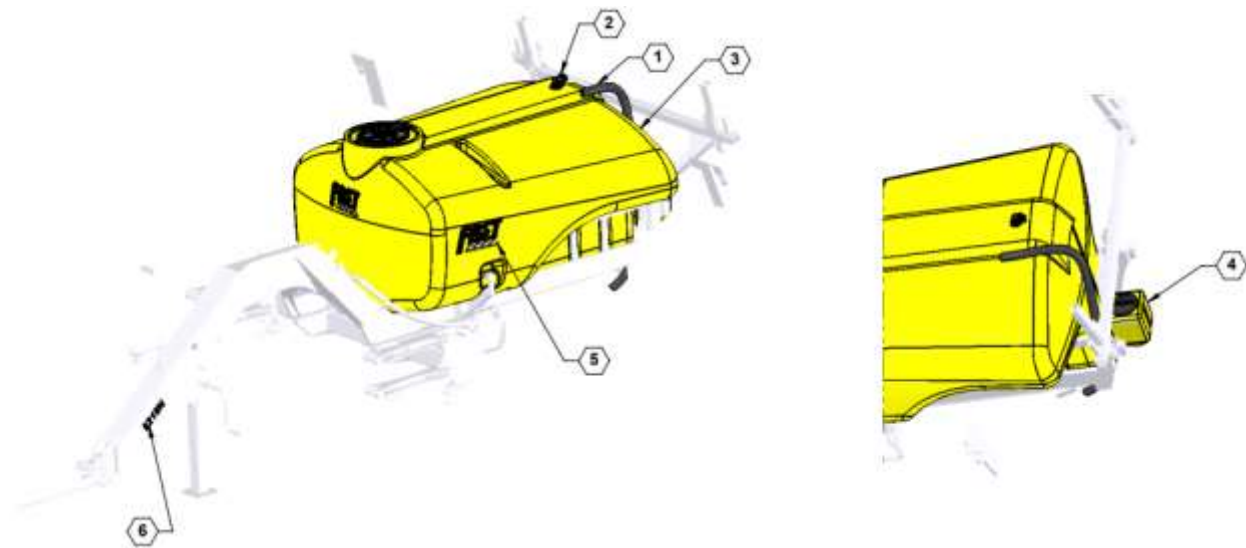
See 28261 in [AP Coulter 820024.pdf](#)

Defender for Injection (No Closing Wheel)**Parts List: Defender for Injection (No Closing Wheel)**

See 17302 in [AP Coulter 820024.pdf](#)

TANK & PUMP

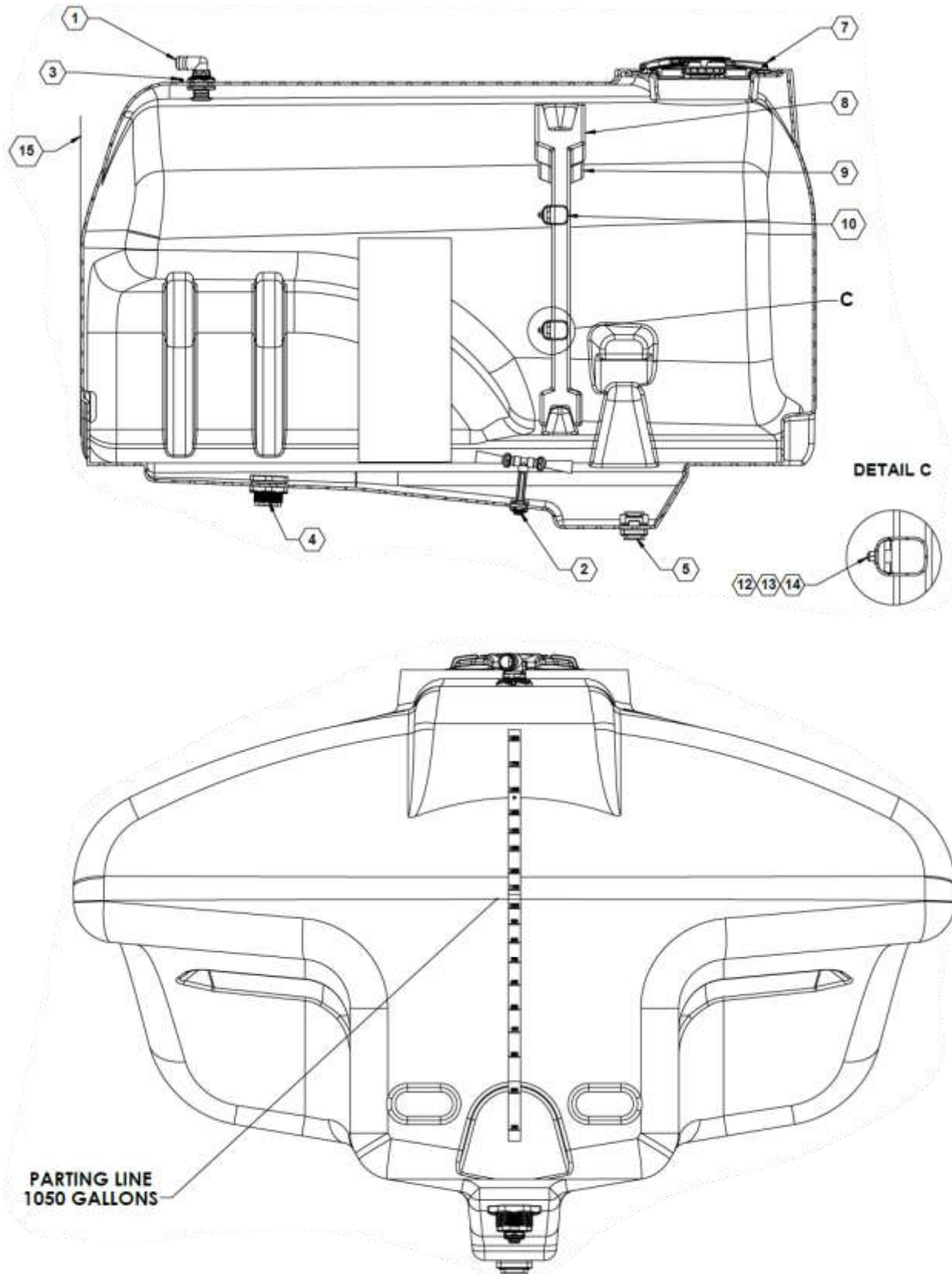
1800 Gal. / 2400 Gal. Tank and Handwash Tank



Parts List 38096 / 38097 / 38098 / 38099: 1800 Gal. / 2400 Gal. Tank and Handwash Tank

ITEM	PART NO.	QTY.	DESCRIPTION
1	510025	9	(FT) HOSE, 2" CLEAR PVC SUCTION 60
2	540069	1	HOSE CLAMP, 2.00 T-BOLT
3	570099TNK	1	TANK, 1800, APPLICATOR, AG YELLOW TEKNOR #81953HDC
	570088TNK		TANK, 1800 WHITE, APPLICATOR
	570091TNK		TANK, 2400, APPLICATOR, AG YELLOW TEKNOR #81953HDC
	570090TNK		TANK, 2400 WHITE, APPLICATOR
4	570097	1	TANK, 10 GAL, YELLOW
	570092		TANK, 10 GAL, WHITE
5	800181	3	FAST TANK LOGO
6	800385	2	DECAL, 8218N SILVER, 1800 GAL TANK

Tank with Fittings



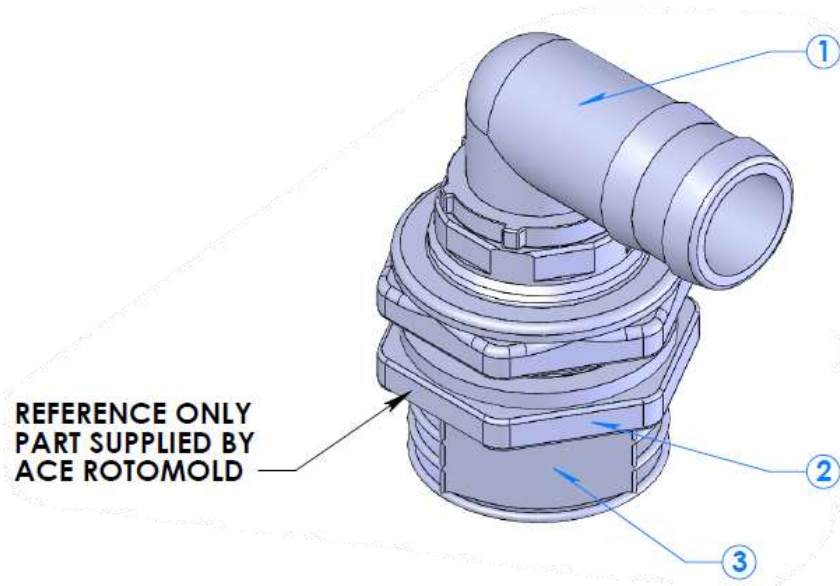


ILLUSTRATED PARTS LIST

Parts List 570088TNK, 570090TNK, 570091TNK, 570099TNK: Tank with Fittings

ITEM	PART NO.	QTY.	DESCRIPTION
1	90SAFCOV	1	FERT TANK VENTED OVERFLOW
2	90SALTRUMPET	1	AGITATION ASSEMBLY
3	530004	1	FITTING, ELBOW, 0.25 QC X 0.25 MST, 90D
4	530164	1	3" TANK FITTING
5	530350	1	2" FLANGE BOTTOM DRAIN
6	570121	1	FLAT GASKET
7	570158	1	LID, NONVENTED, DEN HARTOG 14762
8	570162	2	1800 STEALTH IN SPRT BAFFLE
	570165	2	2400 STEALTH IN SPRT BAFFLE
9	570163	2	1800 STEALTH OUT SPRT BAFFLE
	570166	2	2400 STEALTH OUT SPRT BAFFLE
10	570164	2	18/2400 STEALTH CROSS BAFFLE
11	570172	1	TANK, 1800-GAL WHITE STEALTH
	570171	1	TANK, 1800-GAL YELLOW STEALTH
	570174	1	TANK, 2400-GAL WHITE STEALTH
	570173	1	TANK, 2400-GAL YELLOW STEALTH
12	590854	8	WASHER, FLAT 1/2 SS
13	590862	4	NUT, NYLOCK 1/2-13 SS
14	590869	4	BOLT, HH 1/2X4 SS

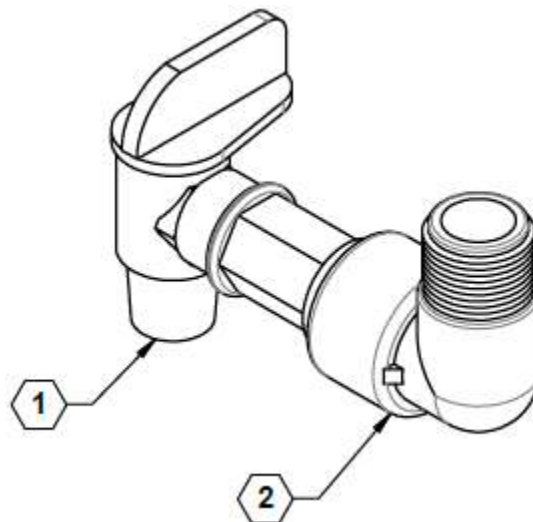
Tank Vented Overflow Fittings



Parts List 90SAFCOV: Tank Vented Overflow Fittings

ITEM	PART NO.	QTY.	DESCRIPTION
1	530051	1	2" MPT X 2" HB 90°
2	530163	1	2" TANK FITTING
3	530331	1	2" VENTED CAP

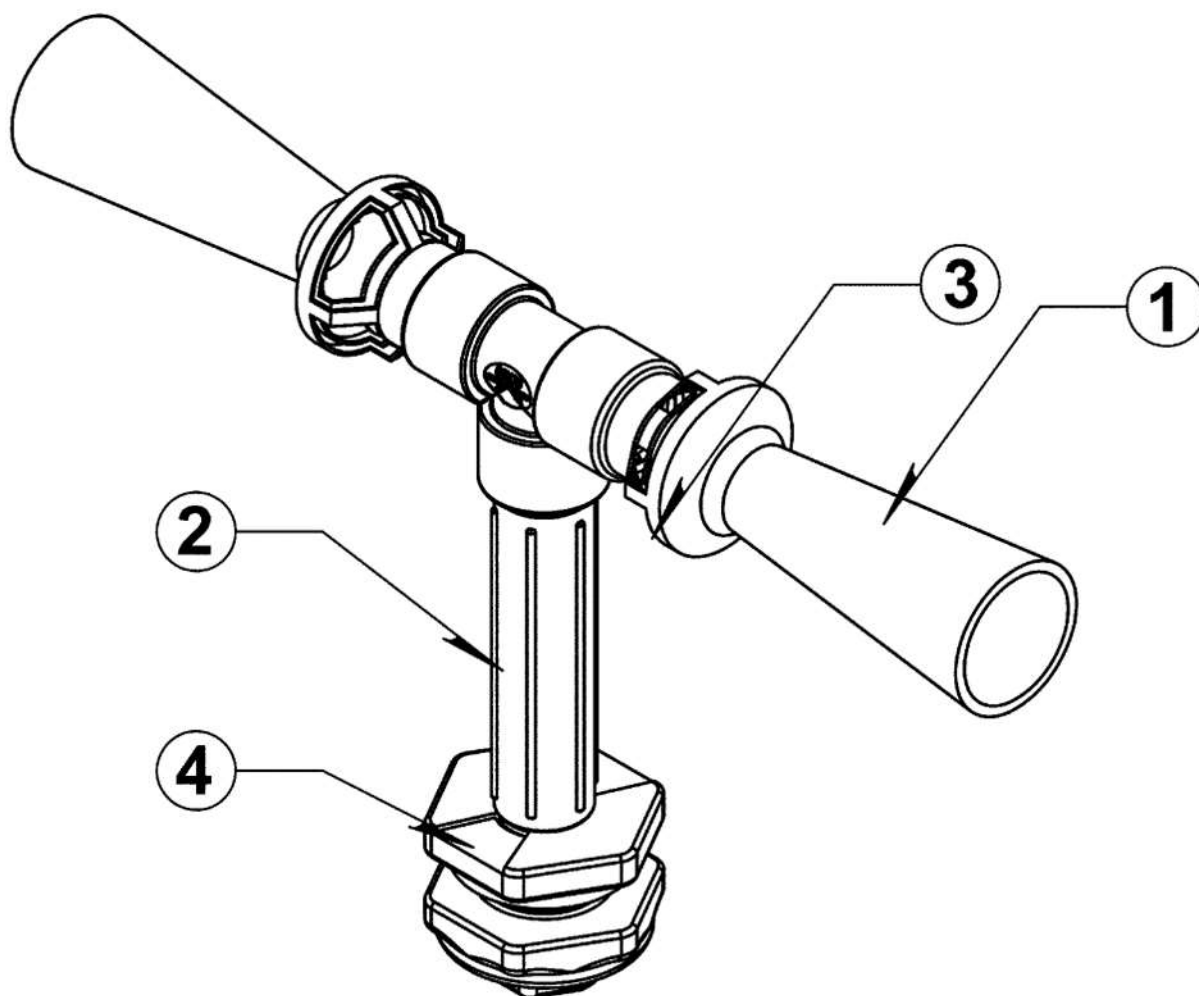
Hand Wash Faucet Fittings



Parts List 90SAFCHWF: Hand Wash Faucet Fittings

ITEM	PART NO.	QTY.	DESCRIPTION
1	510022	1	FAUCET, 3/4" FLO-RITE, CLEAR
2	530151	1	ELBOW, STREET 3/4" 90

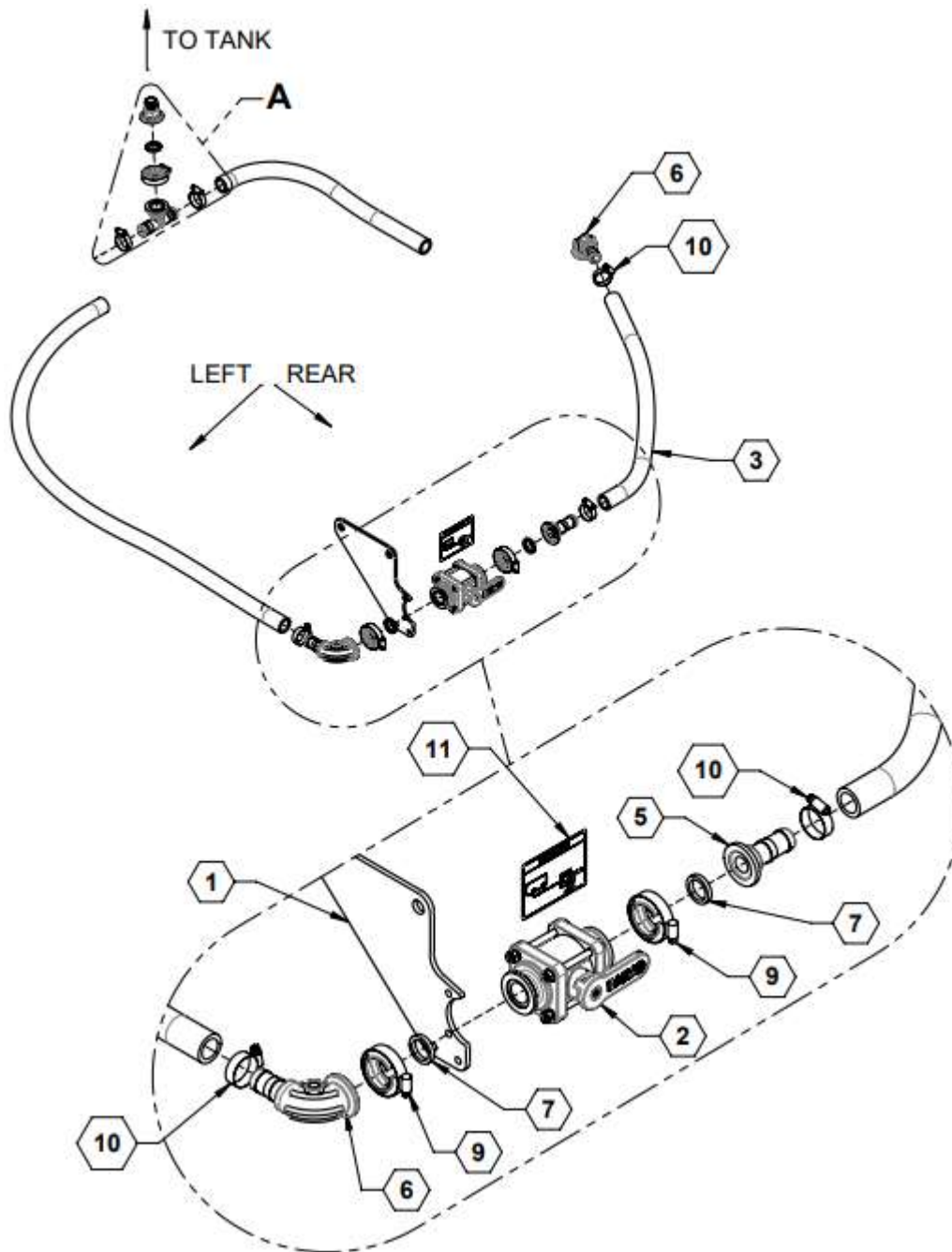
Tank Agitation Fittings

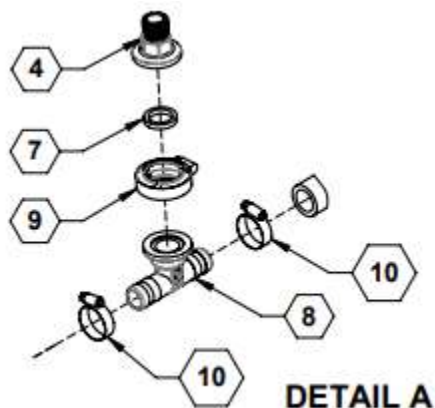


Parts List 90SALTRUMPET: Tank Agitation Fittings

ITEM	PART NO.	QTY.	DESCRIPTION
1	520029	2	AGITATION NOZZLE
2	530130	1	NIPPLE, 3/4" X 6"
3	530156	1	TEE, 3/4" NPT
4	530160	1	3/4" BULKHEAD FITTING

Manual Agitation Option

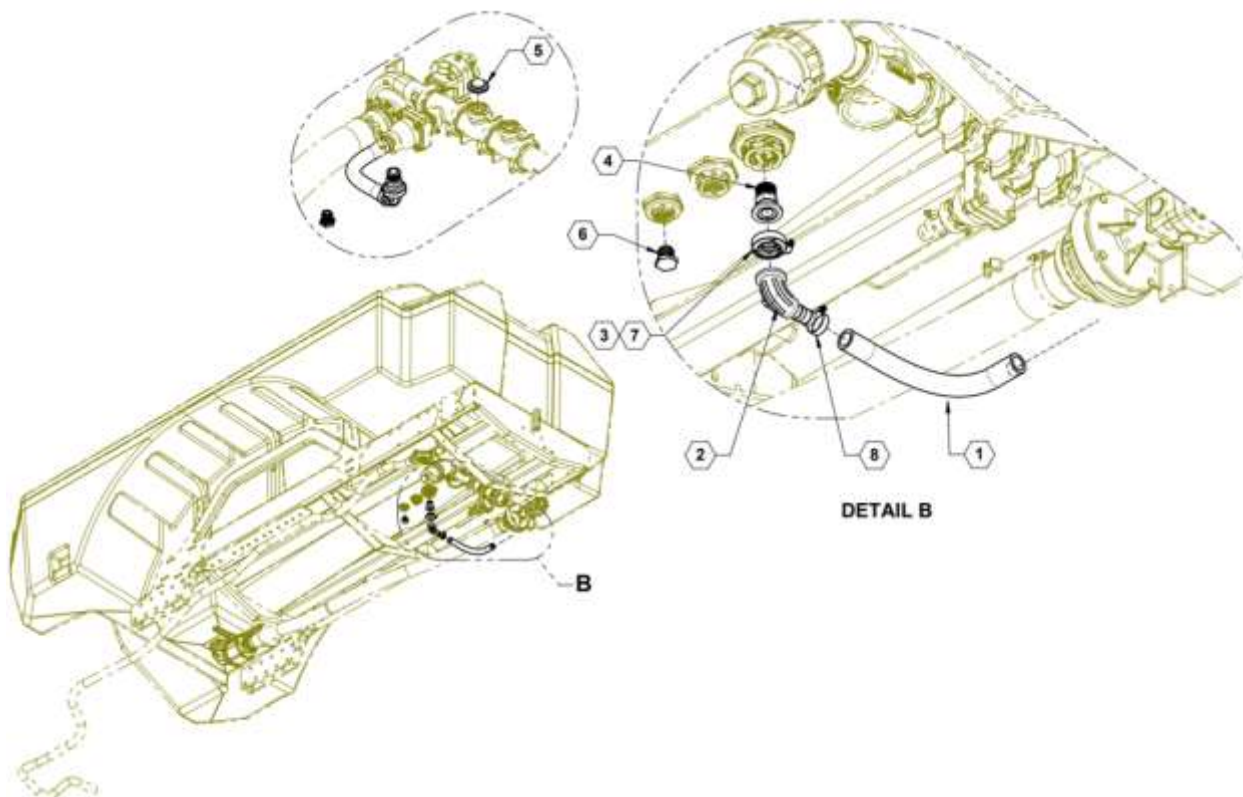




Parts List 27825: Manual Agitation Option

ITEM	PART NO.	QTY.	DESCRIPTION
1	27907	1	PLATE, AGITATION MOUNT
2	500005	1	VALVE, 1" FP WITH C-FLANGE
3	510016	1	HOSE, 1" EPDM X 9 FT
4	530062	1	FLANGE, 1" X 3/4" MALE THREAD
5	530066	1	FITTING, 1.00 MANIFOLD X 1.00 HB
6	530445	2	FLANGE SWEEP X 1 IN HB
7	530068	3	GASKET, 1.00 EPDM
8	530431	1	MANIFOLD FITTING X 1" HB TEE
9	540000	3	CLAMP, WORM SCREW, 1.00
10	540014	5	HOSE CLAMP, SS 1.00 #16
11	800250	1	DECAL, AGITATION VALVE OPERATION

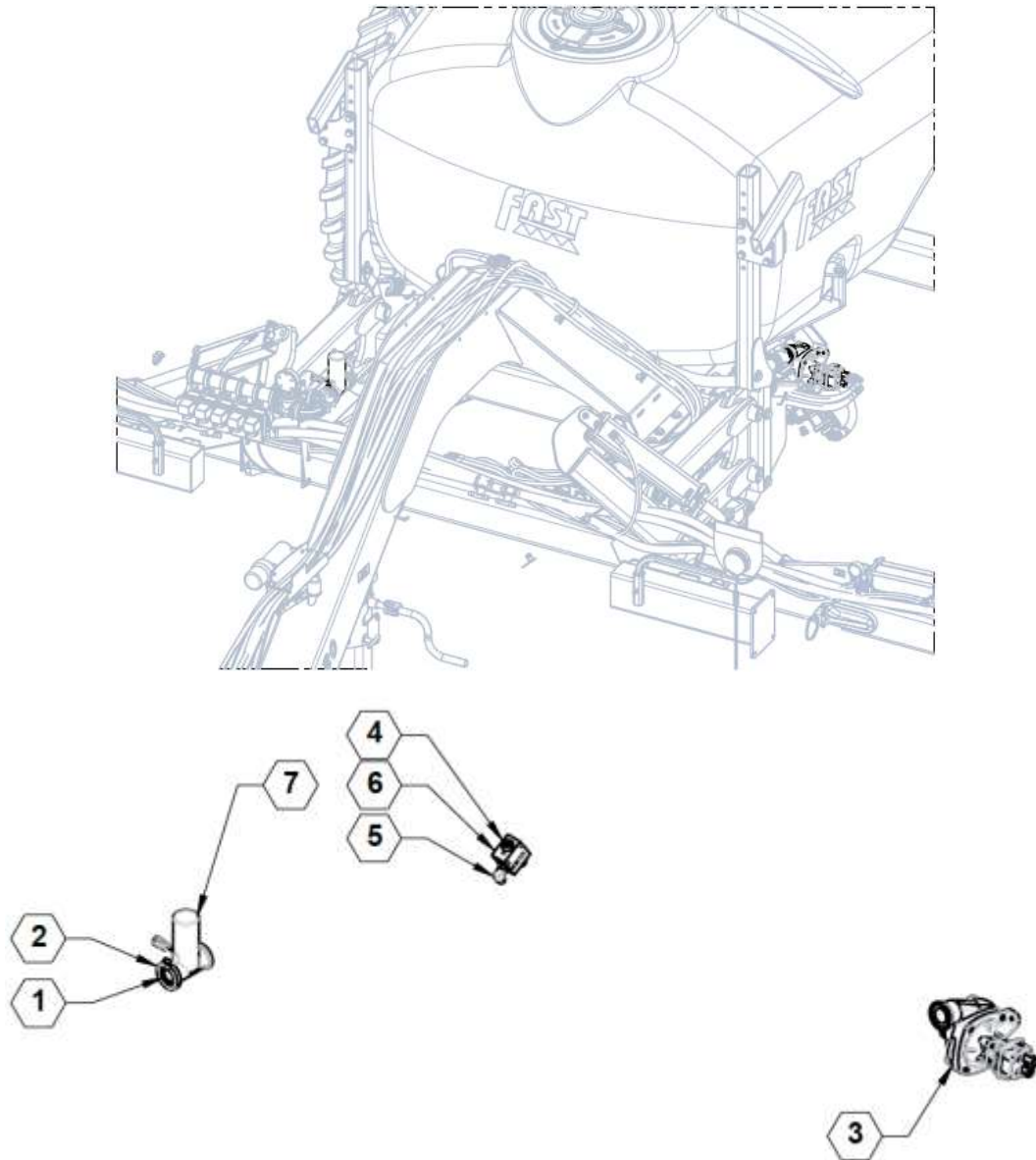
No Agitation Option



Parts List 27827: No Agitation Option

ITEM	PART NO.	QTY.	DESCRIPTION
1	510016	1	1 IN EPDM HOSE X 2FT
2	530445	1	FLANGE SWEEP X 1 IN HB
3	530068	1	GASKET, 1.00 EPDM
4	530069	1	FITTING, 1.00 MANIFOLD X 1.00 MPT
5	530070	1	PLUG, MANIFOLD, 1.00
6	530392	1	FITTING, PLUG, .750 MNPT, POLY
7	540000	1	CLAMP, WORM SCREW, 1.00
8	540014	1	HOSE CLAMP, SS 1.00 #16

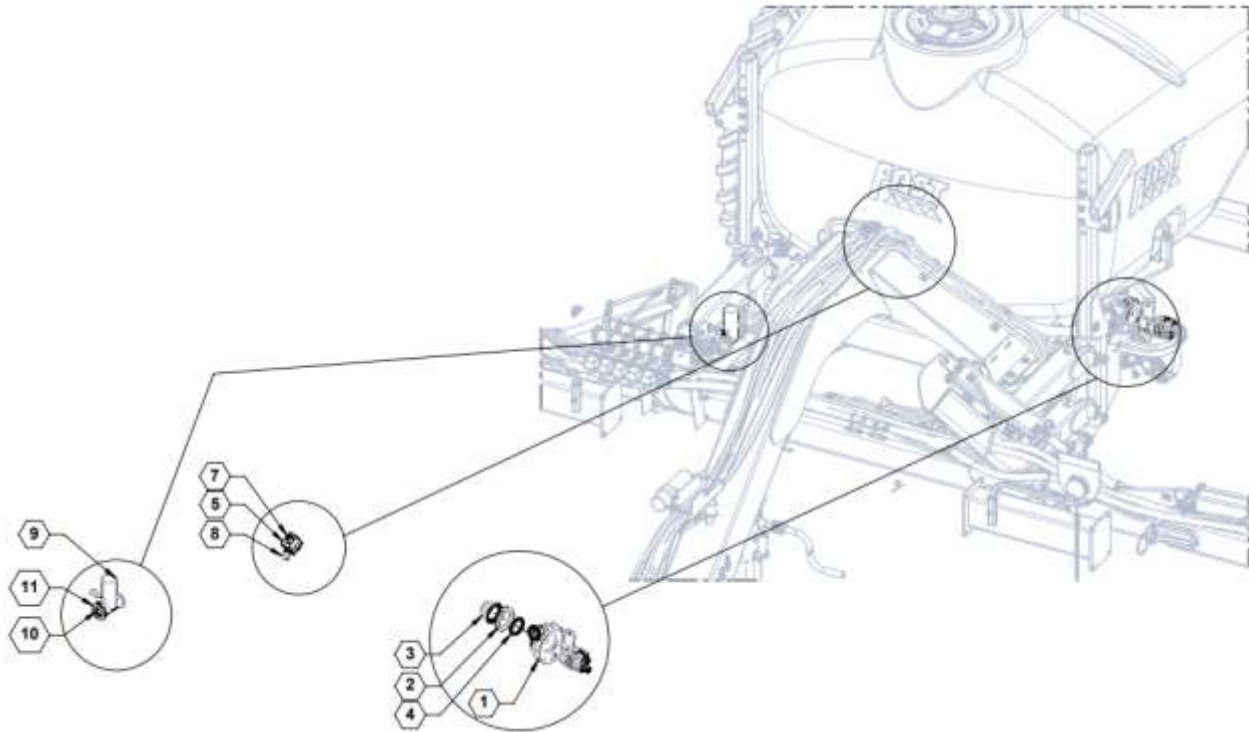
Pump Hypro 9306C-HM1C



Parts List 34384: Pump Hypro 9306C-HM1C

ITEM	PART NO.	QTY.	DESCRIPTION
1	530014	1	GASKET, 1.500 EPDM
2	540001	1	CLAMP, 2.00 STD WORM SCREW
3	550045	1	PUMP, HYPRO 9306 CAST
4	610060	1	JIC #8 TO ORING #10
5	610086	1	JIC #8 TO O-RING #10 ELBOW 90°
6	610099	1	VALVE, FLOW CONTROL, P.C.
7	632079	1	VALVE, BUTTERFLY, 1.5"

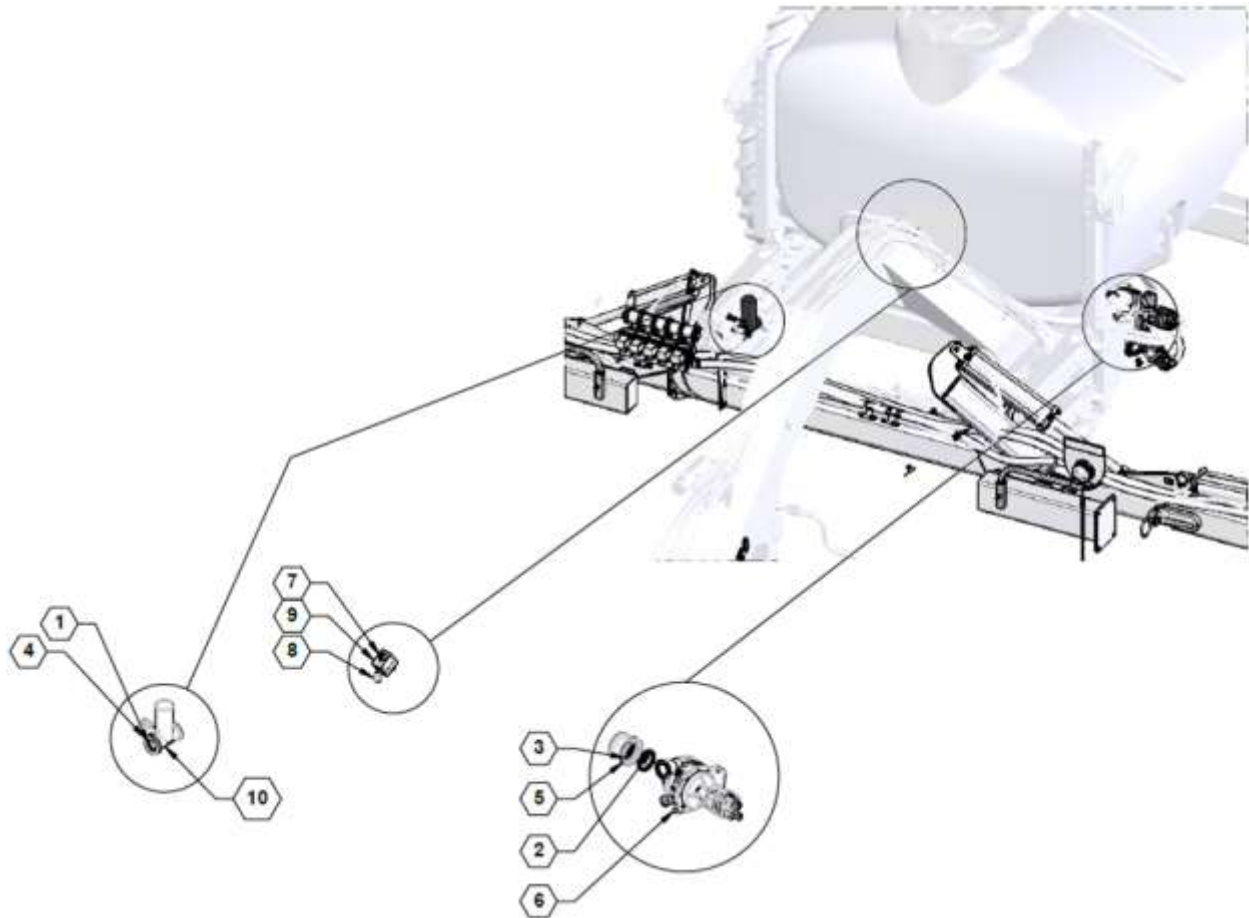
Pump ACE FMCS-205-HYD-304



Parts List 34383: Pump ACE FMCS-205-HYD-304

ITEM	PART NO.	QTY.	DESCRIPTION
1	530014	1	GASKET, 1.500 EPDM
2	530024	1	GASKET, 3" EPDM
3	530316	1	MANIFOLD REDUCER 3" X 2" CPLR
4	540001	1	CLAMP, 2.00 STD WORM SCREW
5	540003	1	CLAMP, WORM SCREW 3"
6	550025	1	PUMP, ACE 205F 304 ASSEMBLY
7	610060	1	JIC #8 TO ORING #10
8	610086	1	JIC #8 TO O-RING #10 ELBOW 90°
9	610099	1	VALVE, FLOW CONTROL, P.C.
10	632079	1	VALVE, BUTTERFLY, 1.5"

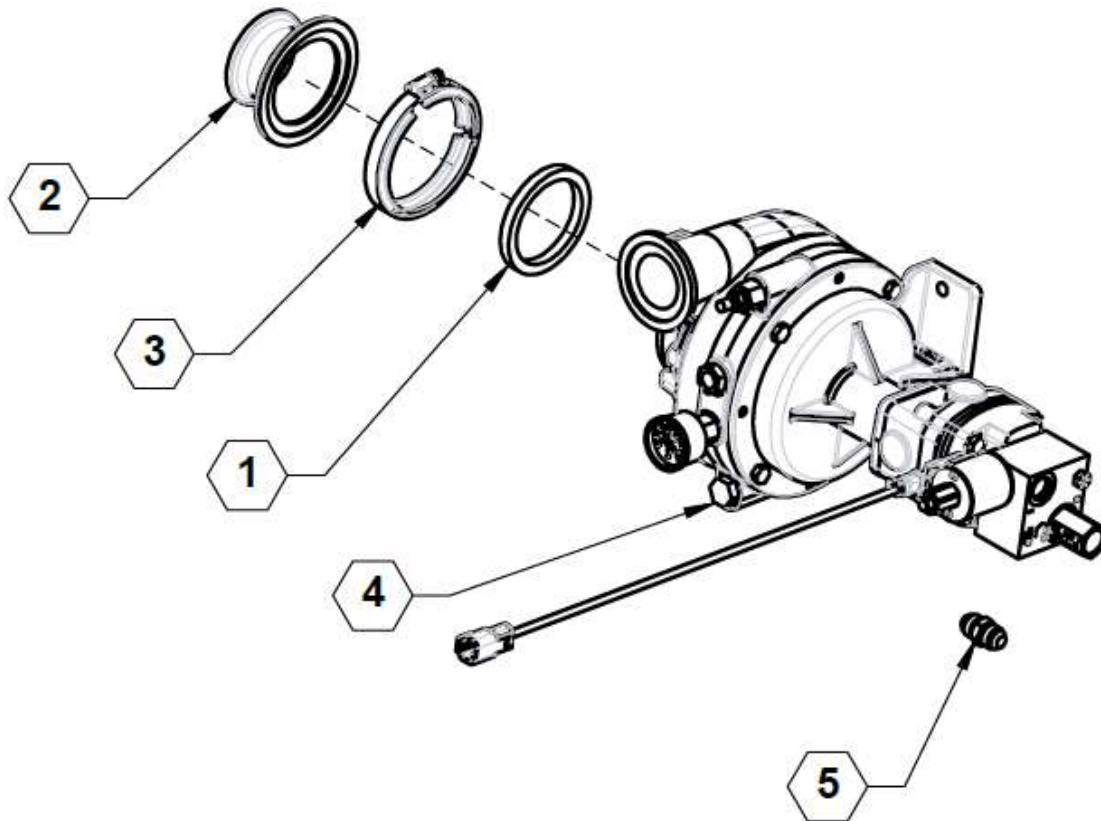
Pump ACE 255F-304 WET SEAL



Parts List 34715: Pump ACE 255F-304 WET SEAL

ITEM	PART NO.	QTY.	DESCRIPTION
1	530014	1	GASKET, 1.500 EPDM
2	530024	1	GASKET, 3" EPDM
3	530316	1	MANIFOLD REDUCER 3" X 2" CPLR
4	540001	1	CLAMP, 2.00 STD WORM SCREW
5	540003	1	CLAMP, WORM SCREW 3"
6	550055	1	PUMP, ACE 255F-304 WET SEAL
7	610060	1	JIC #8 TO ORING #10
8	610086	1	JIC #8 TO O-RING #10 ELBOW 90°
9	610099	1	VALVE, FLOW CONTROL, P.C.
10	632079	1	VALVE, BUTTERFLY, 1.5"

Pump ACE 255F-304 PWM WET SEAL

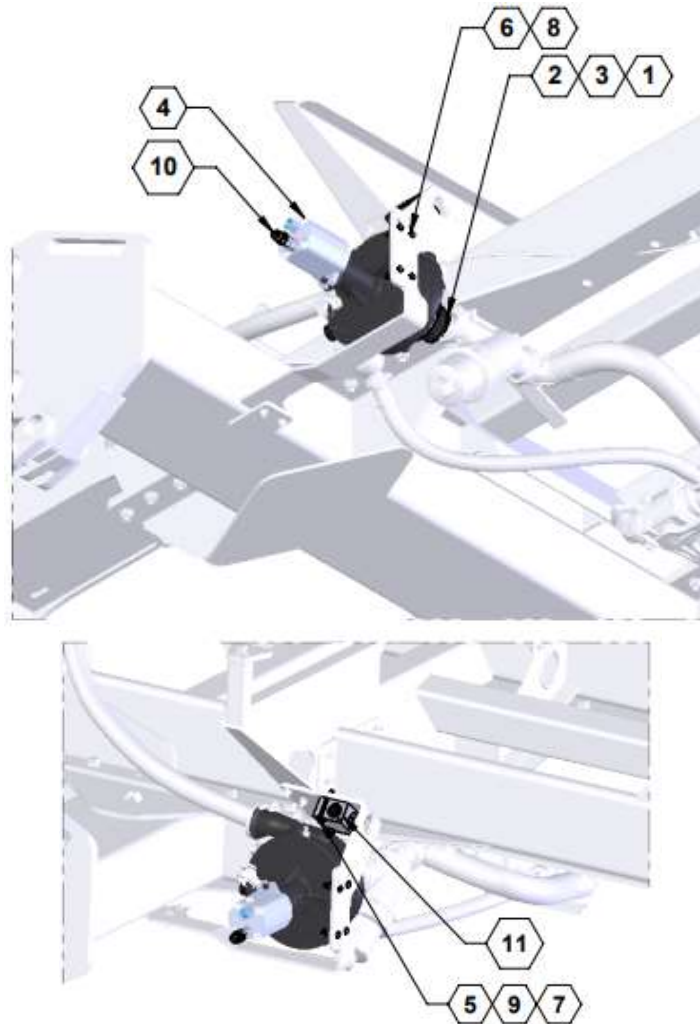


INSTALL BETWEEN HYDRAULIC
HOSES THAT NORMALLY GO TO
OVERSPEED VALVE

Parts List 34718: Pump ACE 255F-304 PWM WET SEAL

ITEM	PART NO.	QTY.	DESCRIPTION
1	530024	1	GASKET, 3" EPDM
2	530316	1	MANIFOLD REDUCER 3" X 2" CPLR
3	540003	1	CLAMP, WORM SCREW 3"
4	550056	1	PUMP, ACE 255F-304 PWM WET SEAL
5	610147	1	FITTING, #8 JIC UNION
6	632042	1	2 PIN DT 40' CABLE EXTENSION
NS	632204	1	2 PIN DT 20' CABLE EXTENSION

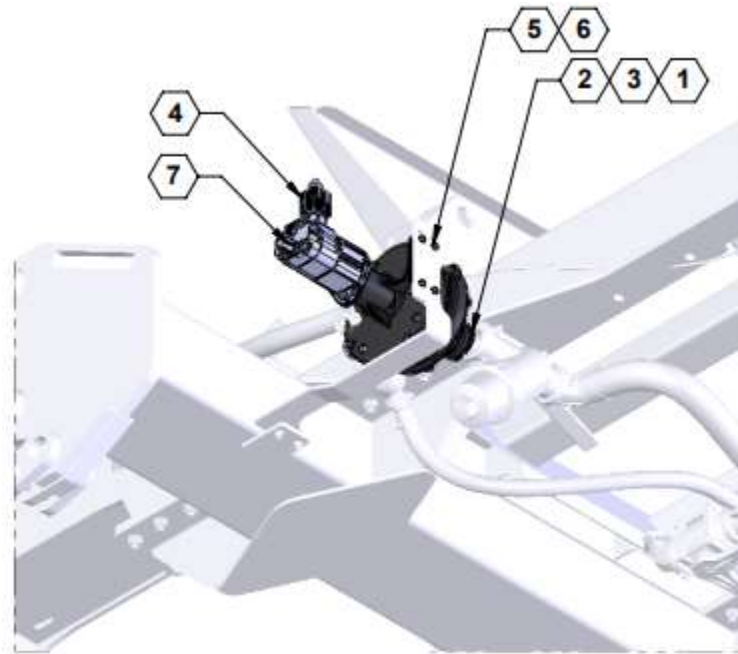
Pump ACE FMC-750-HYD OASIS



Parts List 38068: Pump ACE FMC-750-HYD OASIS

ITEM	PART NO.	QTY.	DESCRIPTION
1	530024	1	GASKET, 3" EPDM
2	530316	1	MANIFOLD REDUCER 3" X 2" CPLR
3	540003	1	CLAMP, WORM SCREW 3"
4	550018	1	PUMP, ACE FMC-750F-HYD-M22, B, A, B, A
5	596119M	2	BOLT, HH 5/16-18 X 3 GR5 MAGNI
6	596129M	4	BOLT, HH 3/8-16X1-1/2 GR5 MAGNI
7	596236M	2	NUT, CENTERLOCK, 5/16-18 MAGNI
8	596237M	4	NUT, CENTERLOCK 3/8-16 MAGNI
9	596257M	2	WASHER, FLAT 5/16 USS MAGNI
10	610106	1	JIC #10 MALE TO #10 MALE O-RING ST
11	630057	1	FLOW REGULATOR, 16 GPM
12	632079	1	VALVE, BUTTERFLY, 1.5"

Pump ACE FMC-750-HYD PWM OASIS

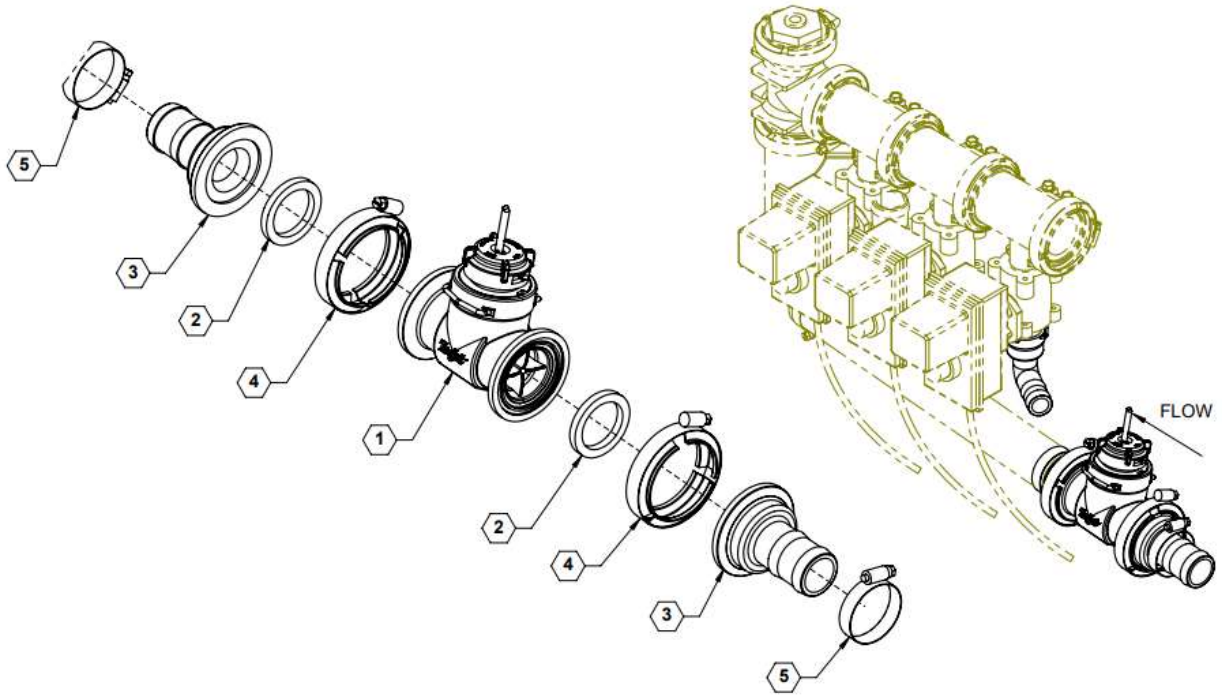


Parts List 38069: Pump ACE FMC-750-HYD PWM OASIS

ITEM	PART NO.	QTY.	DESCRIPTION
1	530024	1	GASKET, 3" EPDM
2	530316	1	MANIFOLD REDUCER 3" X 2" CPLR
3	540003	1	CLAMP, WORM SCREW 3"
4	550044	1	PUMP, 750 OASIS W/ PWM
5	596129M	4	BOLT, HH 3/8-16X1-1/2 GR5 MAGNI
6	596237M	4	NUT, CENTERLOCK 3/8-16 MAGNI
7	610106	1	JIC #10 MALE TO #10 MALE O-RING ST
NS	632204	1	2 PIN DT 20' CABLE EXTENSION

PRODUCT PLUMBING on TOOLBAR

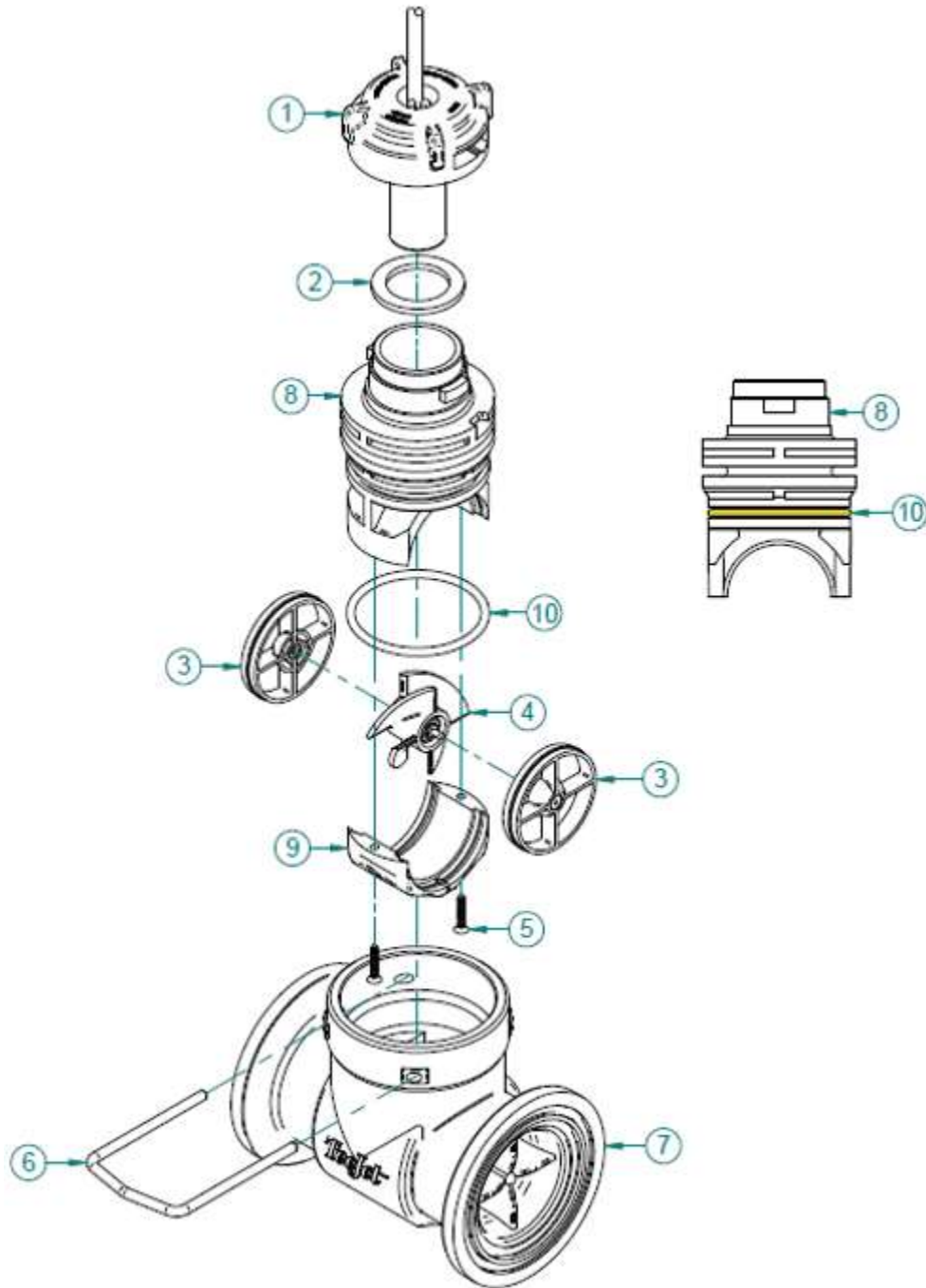
RFM 60 Flow Meter



Parts List 26817: RFM 60 Flow Meter

ITEM	PART NO.	QTY.	DESCRIPTION
1	520059	1	FLOWMETER, TEEJET 802
2	530014	2	GASKET, 1.500 EPDM
3	530079	2	MANIFOLD FLANGE, 2" X 1-1/2" HB
4	540001	2	CLAMP, 2.00 STD WORM SCREW
5	540016	2	CLAMP, SS 1.500 #24

TeeJet 802 Flowmeter

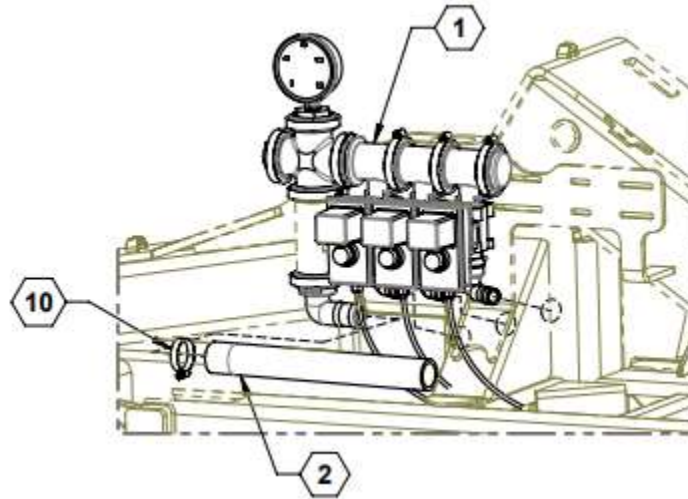


Parts List 520059: TeeJet 802 Flowmeter

Item	Description	Part Number	QTY	U.M.
1	Sensor, PCB Assembly	16-00024	1	EA
2	Washer, Seat	57-10111	1	EA
3	Guide Vane Bearing 802 FM	57-10123	2	EA
4	Turbine Assembly 802 FM	57-10124	1	EA
5	Screw, #6-5/8" LG Flat Head	60-04031	2	EA
6	PIN, RETAINING, 802 FM	60-06008	1	EA
7	Body, 802 Flowmeter	64-50065	1	EA
8	Insert, Body 801 FM	64-50066	1	EA
9	Endcap, 802 Flowmeter	64-50067	1	EA
10	O-RING M46x3	64-90049	1	EA

90-50256 KIT, REPAIR, 802 FLOWMETER				
Item	Description	Part Number	QTY	U.M.
3	GUIDE VANE BEARING, 802	57-10123	2	EA
4	TURBINE ASSEMBLY, 802	57-10124	1	EA
5	SCREW, SHEET MTL, #4x 5/8"	60-04031	2	EA
8	INSERT, BODY, 802	64-50066	1	EA
9	INSERT, END CAP, 802	64-50067	1	EA
10	O-RING, 802 FLOWMETER	64-90049	1	EA

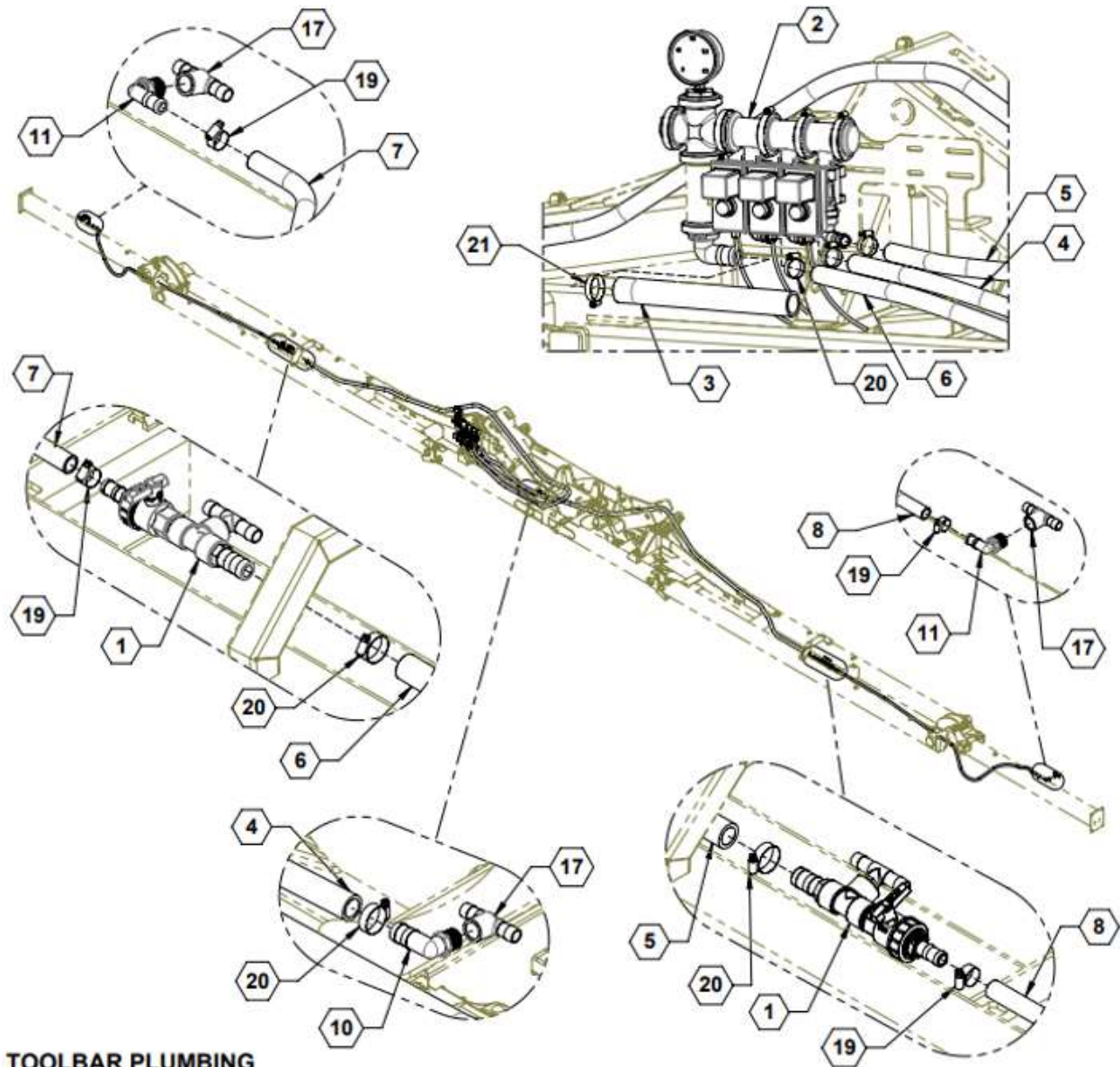
Plumbing, 3-Section, Center



Parts List 28444: Plumbing, 3-Section, Center

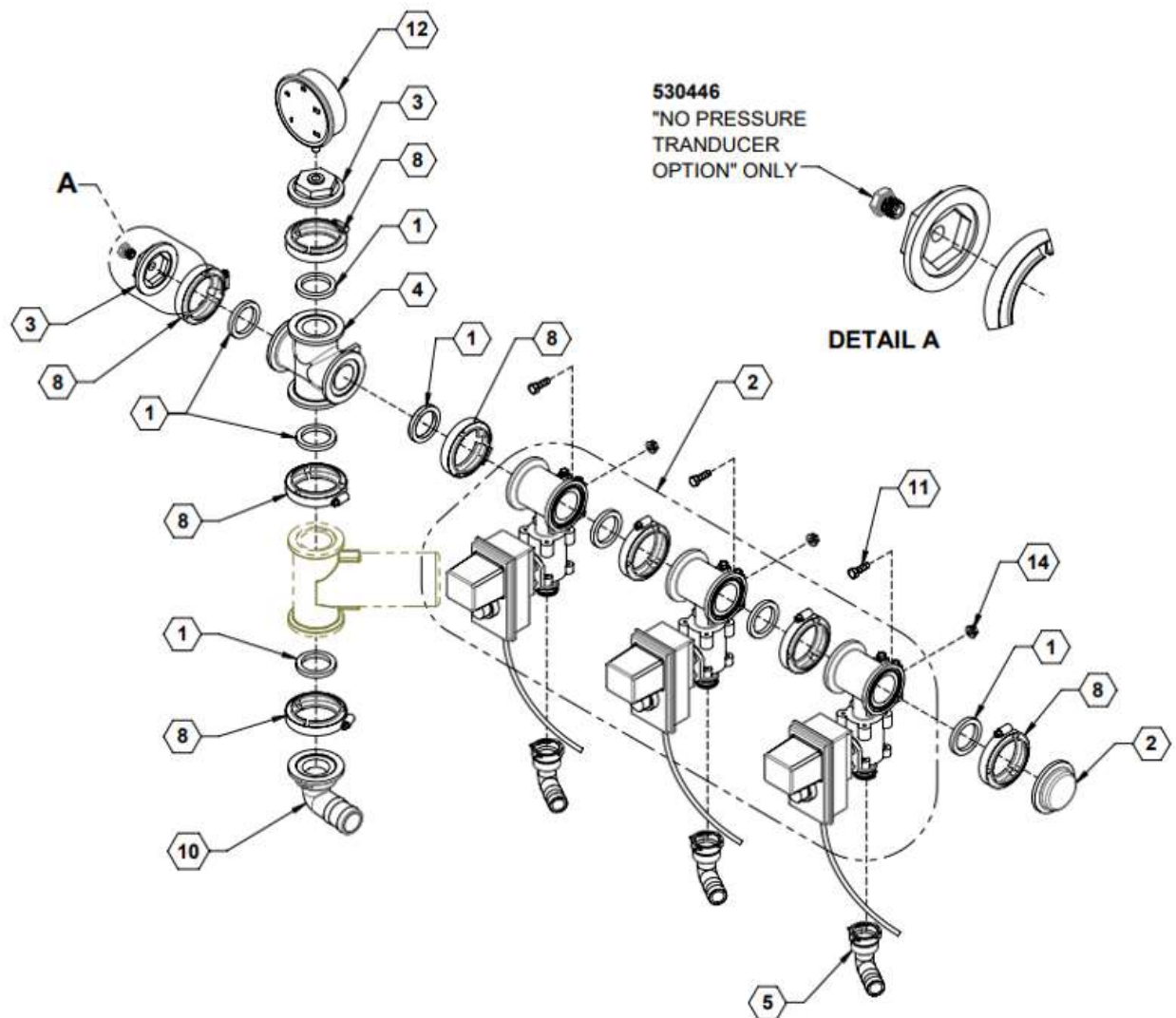
ITEM	PART NO.	QTY.	DESCRIPTION
1	500027	0.75	VALVE, 450 4-BANK, NON-FLOWBACK, NARROW TEE
2	510014	1	HOSE, 1-1/2" EPDM X 2 FT
3	530014	6	GASKET, 1.500 EPDM
4	530080	1	MANIFOLD ELBOW 90, 2.00 X 1.50 HB
5	530090	1	CROSS, MANIFOLD 2.00
6	530093	1	PLUG, MANIFOLD, 2.00
7	530094	2	PLUG, MANIFOLD 2.00 W/ HOLE
8	530190	3	QUICK CONNECT, 1.00 HB ELBOW 90
9	540001	6	CLAMP, 2.00 STD WORM SCREW
10	540016	1	CLAMP, SS 1.500 #24
11	596115M	3	BOLT, HH 5/16-18 X 1 GR5 MAGNI
12	596768M	3	NUT, HEX FLANGE 5/16-18 MAGNI
13	790020	1	GAUGE, FAST LOGO 160PSI

Plumbing, 3-Section, Standard

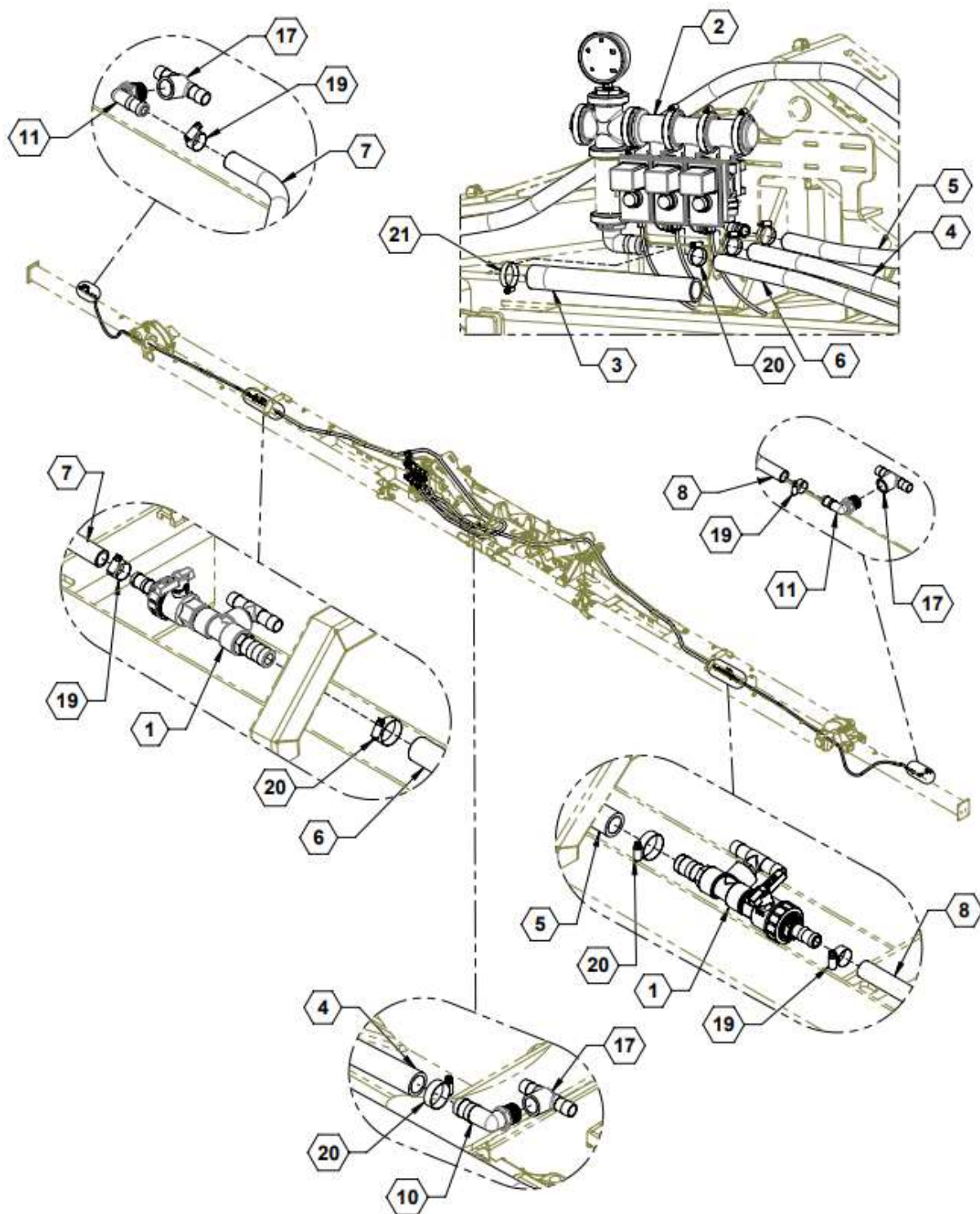


TOOLBAR PLUMBING

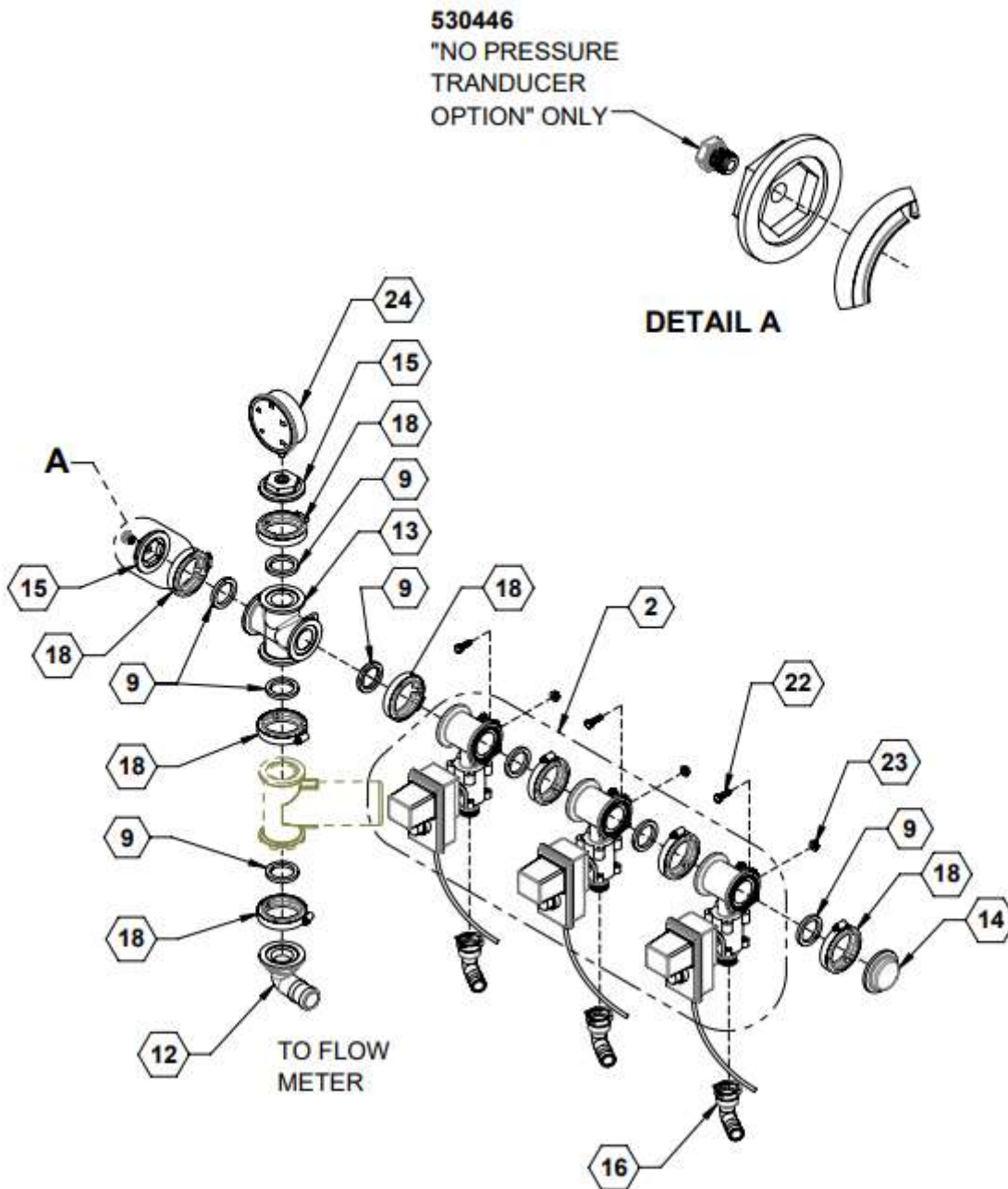
Plumbing, 3-Section, Standard (cont.)



Plumbing, 3-Section, Standard (cont.)



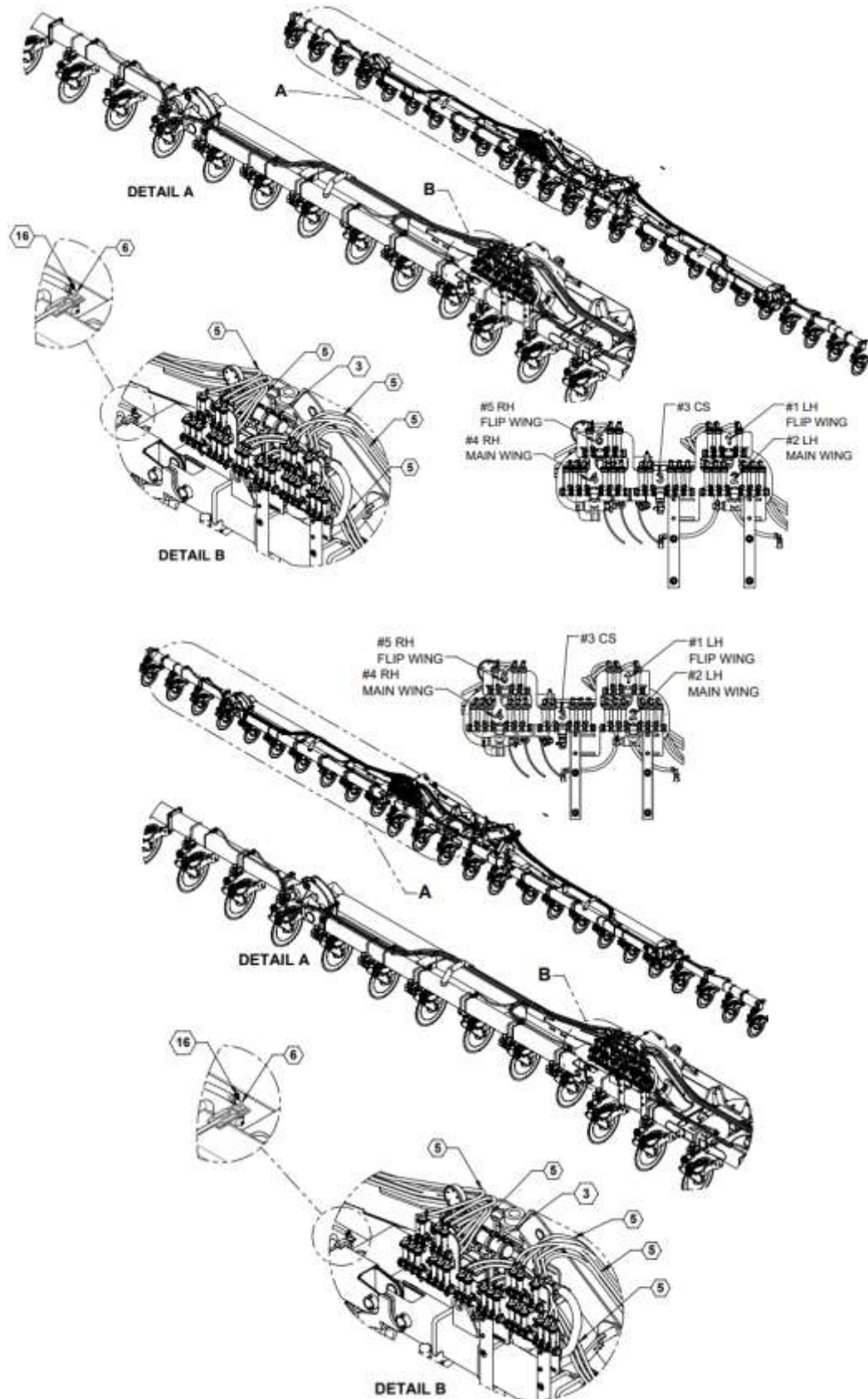
Plumbing, 3-Section, Standard (cont.)



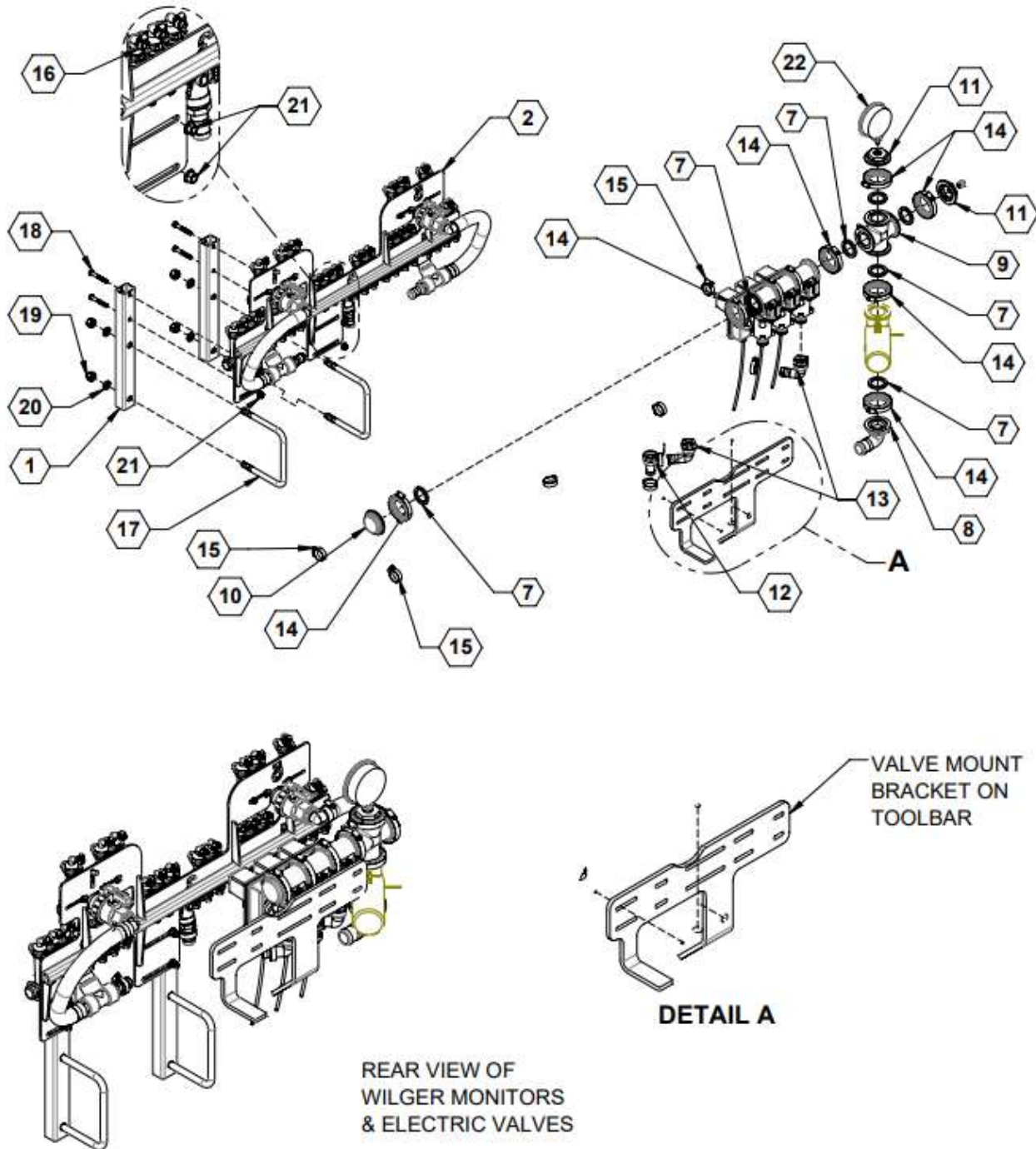
Parts List 26970: Plumbing, 3-Section, Standard

ITEM	PART NO.	QTY.	DESCRIPTION
1	90SAVFF	2	SUB ASSY, VALVE, FLIP FERT.
2	500027	0.75	VALVE, 450 4-BANK, NON-FLOWBACK, NARROW TEE
3	510014	1	HOSE, 1-1/2" EPDM X 2 FT
4	510016	1	HOSE, 1.00 EPDM X 4FT
5	510016	1	HOSE, 1.00 EPDM X 20FT
6	510016	1	HOSE, 1.00 EPDM X 22FT
7	510019	1	HOSE, .75 EPDM X 12FT
8	510019	1	HOSE, .75 EPDM X 12FT
9	530014	6	GASKET, 1.500 EPDM
10	530036	1	ELBOW, .75 MPT X 1.00 HB, 90~
11	530040	2	HOSE SHANK, 3/4" MPT X 3/4" HB 90~
12	530080	1	MANIFOLD ELBOW 90, 2.00 X 1.50 HB
13	530090	1	CROSS, MANIFOLD 2.00
14	530093	1	PLUG, MANIFOLD, 2.00
15	530094	2	PLUG, MANIFOLD 2.00 W/ HOLE
16	530190	3	QUICK CONNECT, 1.00 HB ELBOW 90
17	530220	3	TEE, .75 FPT X .75 HB X .75 HB
18	540001	6	CLAMP, 2.00 STD WORM SCREW
19	540013	4	HOSE CLAMP, SS .75 #12
20	540014	6	HOSE CLAMP, SS 1.00 #16
21	540016	1	CLAMP, SS 1.500 #24
22	596115M	3	BOLT, HH 5/16-18 X 1 GR5 MAGNI
23	596768M	3	NUT, HEX FLANGE 5/16-18 MAGNI
24	790020	1	GAUGE, FAST LOGO 160PSI

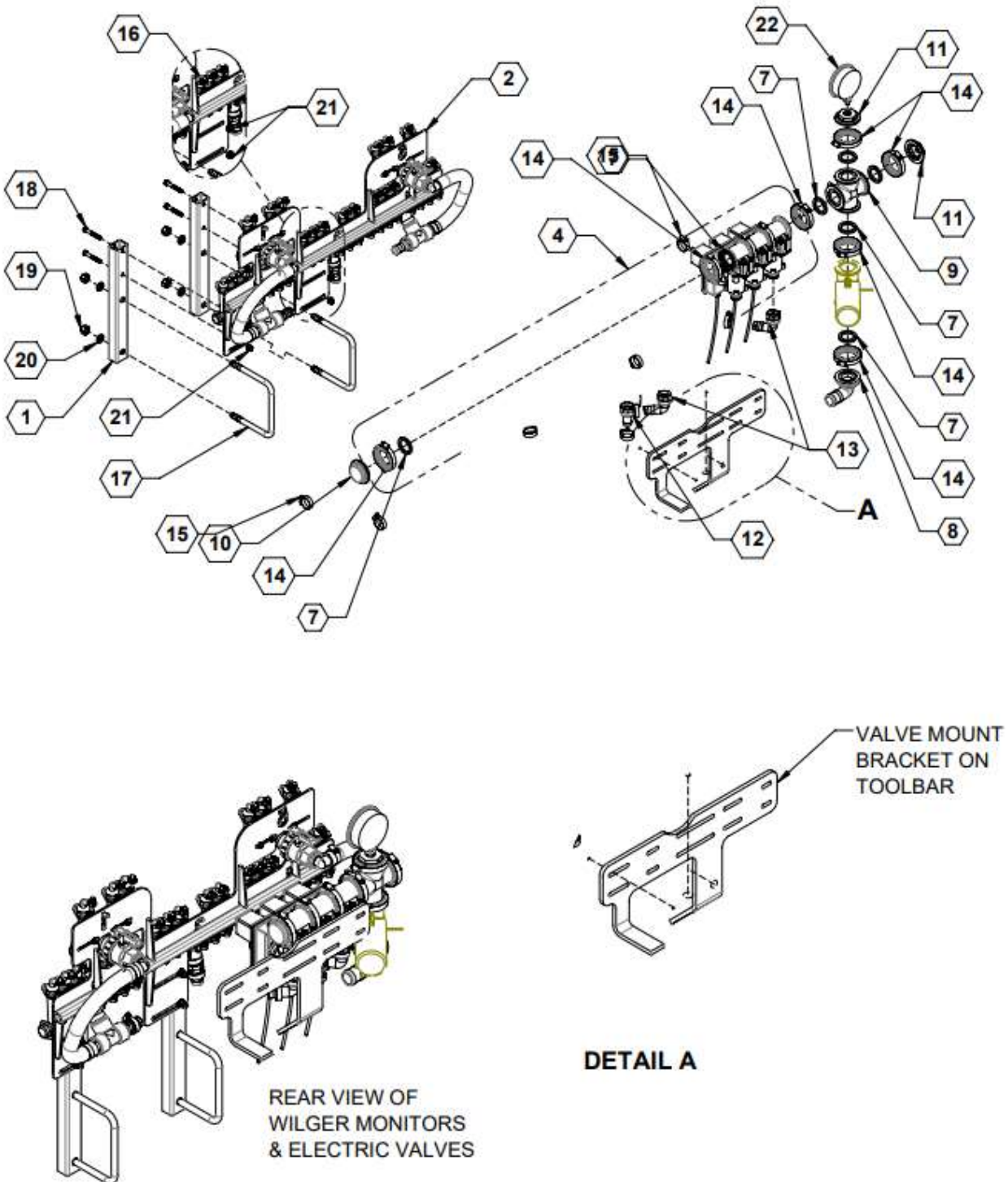
Plumbing, 3-Section 23-Row, Wilgers



Plumbing, 3-Section 23-Row, Wilgers (cont.)



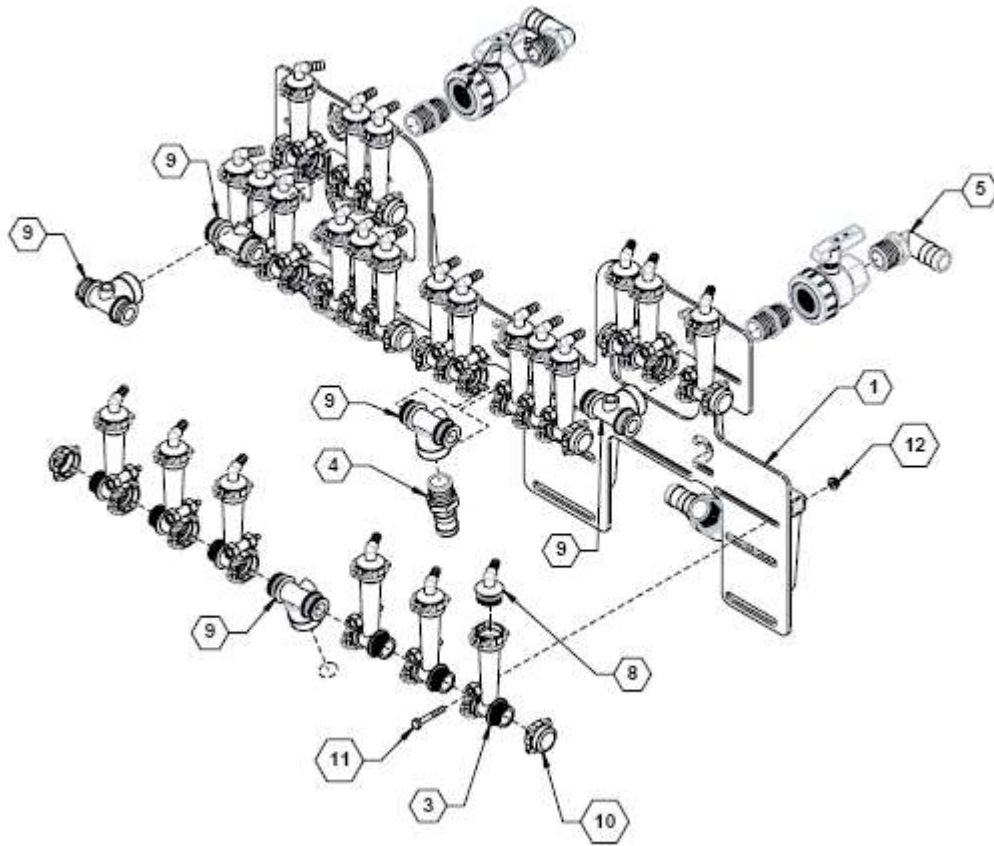
Plumbing, 3-Section 23-Row, Wilgers (cont.)



Parts List 28214: Plumbing, 3-Section 23-Row, Wilgers

ITEM	PART NO.	QTY.	DESCRIPTION
1	27293	2	TUBE, WILGER MOUNT
2	28215	1	ASSY, WILGER MONITORS 3 SECTION 23 ROW, A-SERIES
3	500027	0.75	VALVE, 450 4-BANK, NON-FLOWBACK, NARROW TEE
4	510016	8	(FT) HOSE, 1.00" EPDM
5	510020	350	HOSE, .375 EPDM
6	520067	23	NOZZLE, 3/8" HOSE SHANK 90 DEG
7	530014	6	GASKET, 1.500 EPDM
8	530080	1	MANIFOLD ELBOW 90, 2.00 X 1.50 HB
9	530090	1	CROSS, MANIFOLD 2.00
10	530093	1	PLUG, MANIFOLD, 2.00
11	530094	2	PLUG, MANIFOLD 2.00 W/ HOLE
12	530189	1	QUICK CONNECT 1" STRAIGHT BARB
13	530190	2	QUICK CONNECT, 1.00 HB ELBOW 90
14	540001	7	CLAMP, 2.00 STD WORM SCREW
15	540014	10	HOSE CLAMP, SS 1.00 #16
16	540032	46	HOSE CLAMP, 5/16 #5 SS
17	590061	2	U-BOLT, 5/8" X 7" X 5", CZP
18	596131M	4	BOLT, HH 3/8-16 X 2-1/2 GR5 MAGNI
19	596216M	4	NUT, HEX 5/8-11 MAGNI
20	596253M	4	LOCKWASHER 5/8 MAGNI
21	596769M	4	NUT, HEX FLANGE 3/8-16 MAGNI
22	790020	1	GAUGE, FAST LOGO 160PSI

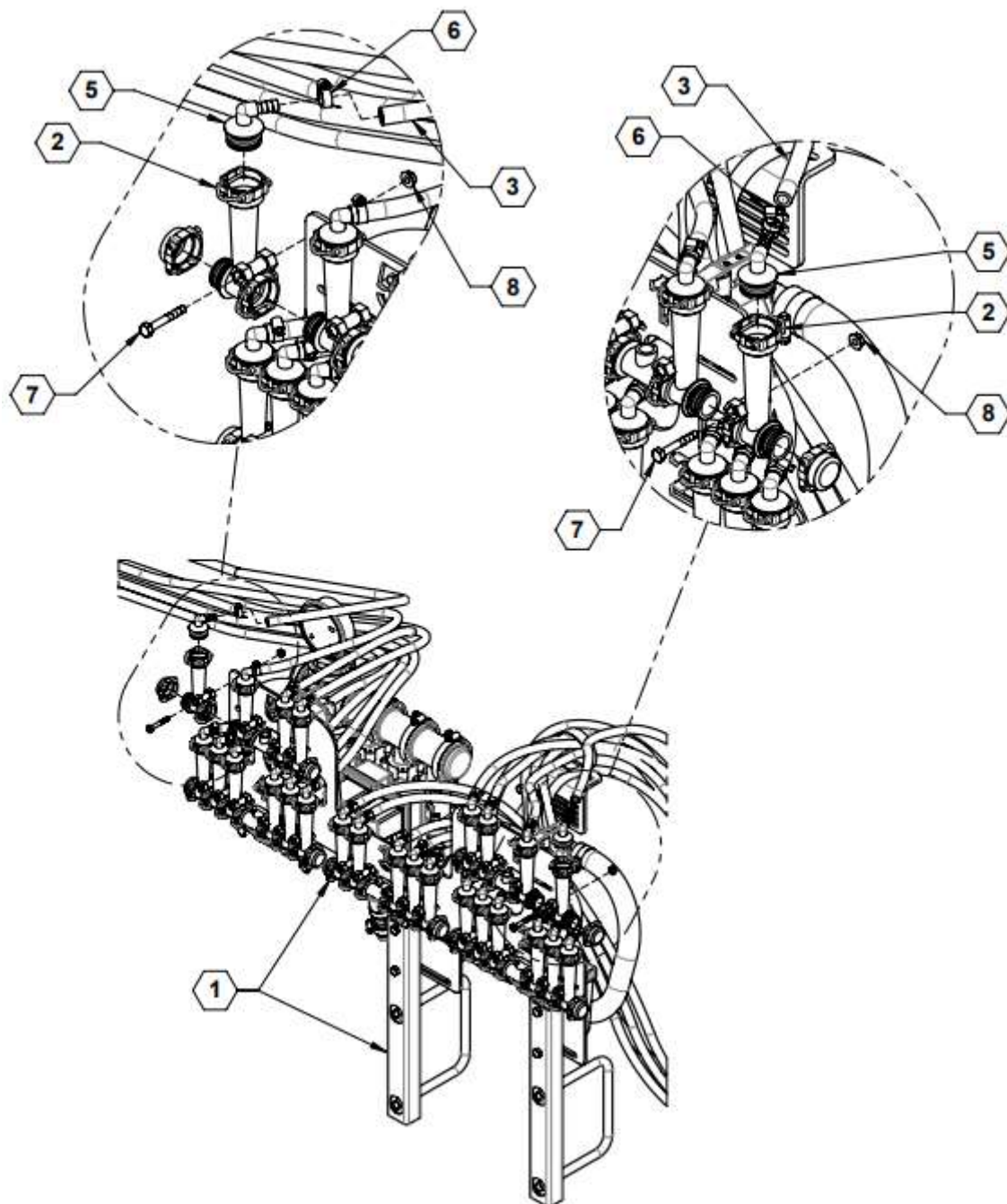
Plumbing, 3-Section 23-Row, Wilgers

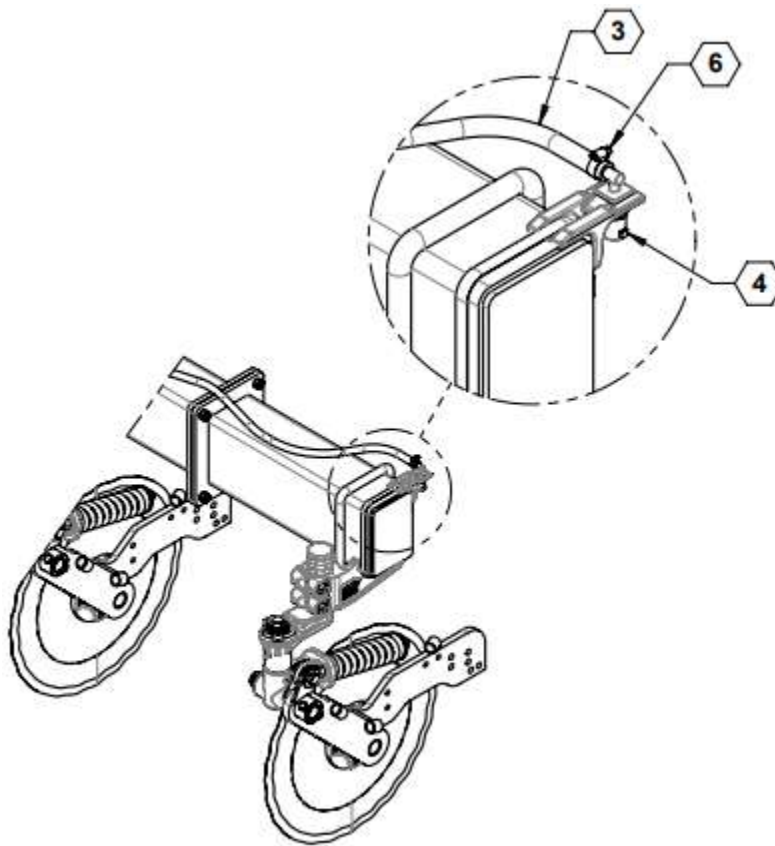


Parts List 28215: Plumbing, 3-Section 23-Row, Wilgers

ITEM	PART NO.	QTY.	DESCRIPTION
1	27294	1	WLDMNT, WILGER MNTRS 23-25
2	500009	2	VALVE, 1.00 FULL PORT SINGLE UNION
3	500073	23	WILGER FLOW MONITOR BODY
4	530041	5	FITTING, 1.00 MNPT X 1.00 HB, POLY
5	530044	2	FITTING, ELBOW, 90D, 1.00 MNPT X 1.00 HB, POLY
6	530133	4	NIPPLE, SHORT POLY X 1 IN
7	530157	2	TEE, 1.00 PIPE, POLY
8	530458	23	WILGER ORS X 3/8" HB 90 DEG
9	530459	5	ORS M X ORS M X 1"NPT TEE
10	530464	10	WILGER ORS CAP
11	596104M	23	BOLT, HH 1/4-20X1-3/4 GR5 MAGNI
12	596767M	23	NUT, HEX FLANGE 1/4-20 MAGNI

Plumbing, 3-Section 25-Row, Wilgers



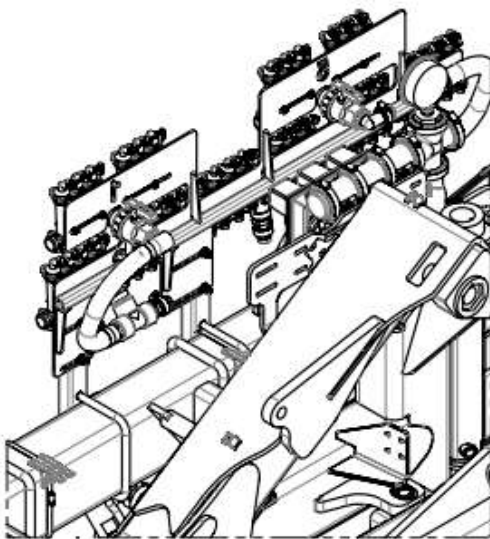
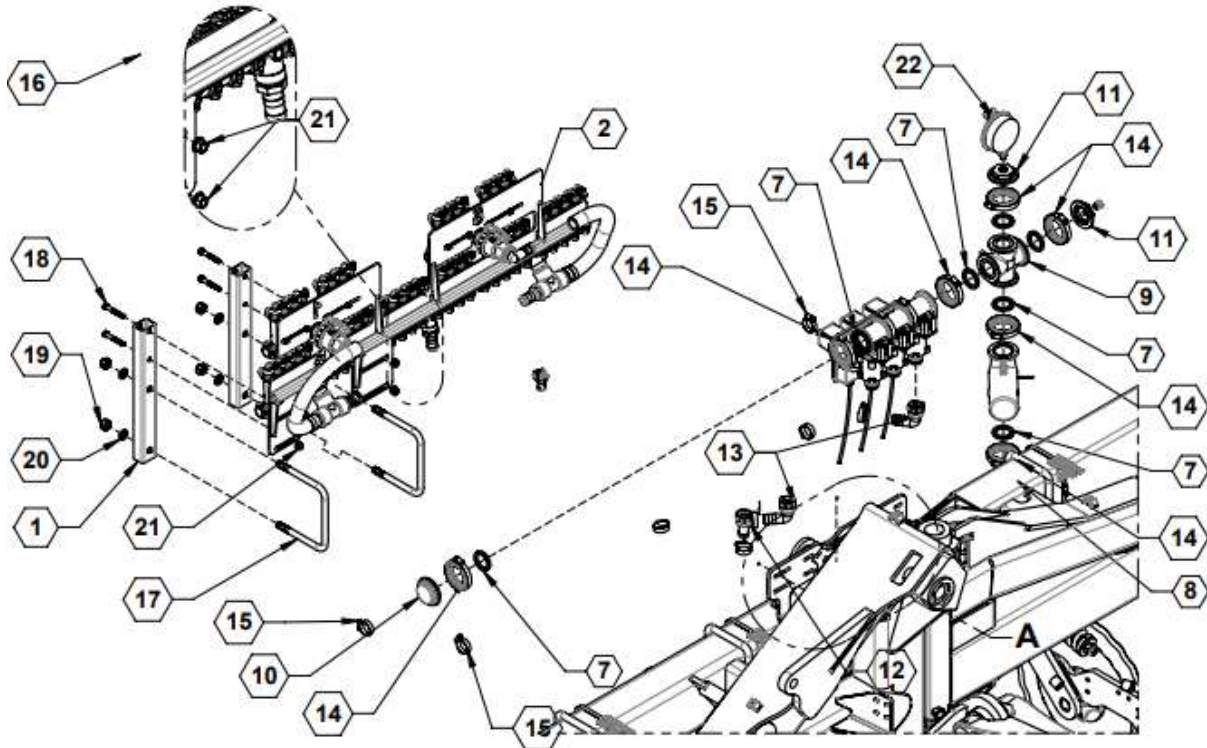


PARTIAL ASSEMBLY VIEW AT LEFT END
OF TOOLBAR, RIGHT END SIMILAR

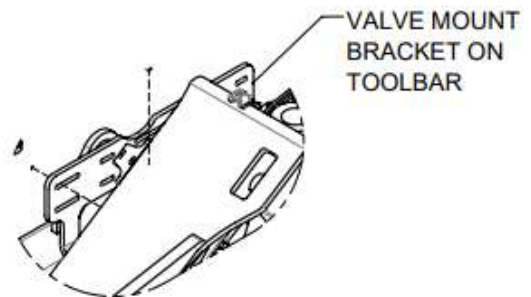
Parts List 28386: Plumbing, 3-Section 25-Row, Wilgers

ITEM	PART NO.	QTY.	DESCRIPTION
1	28214	1	ASSY, 3 SECTION, 23 ROW WILGER MONITORS
2	500073	2	WILGER FLOW MONITOR BODY
3	510020	1	HOSE, .375 EPDM X 67FT
4	520067	2	NOZZLE, 3/8" HOSE SHANK 90 DEG
5	530458	2	WILGER ORS X 3/8" HB 90 DEG
6	540032	4	HOSE CLAMP, 5/16 #5 SS
7	596104M	2	BOLT, HH 1/4-20X1-3/4 GR5 MAGNI
8	596767M	2	NUT, HEX FLANGE 1/4-20 MAGNI

Plumbing, 3-Section 35-Row, Wilgers

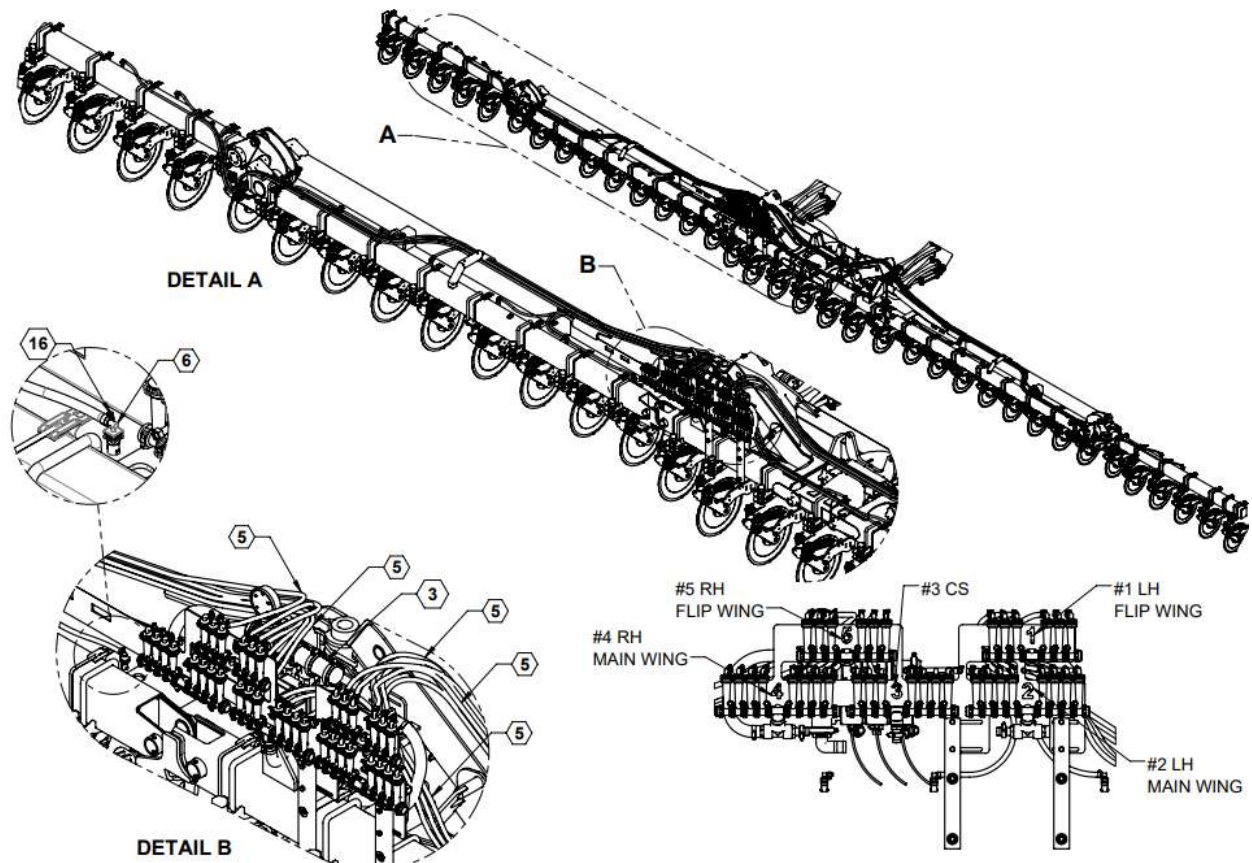


REAR VIEW OF
WILGER MONITORS
& ELECTRIC VALVES



DETAIL A

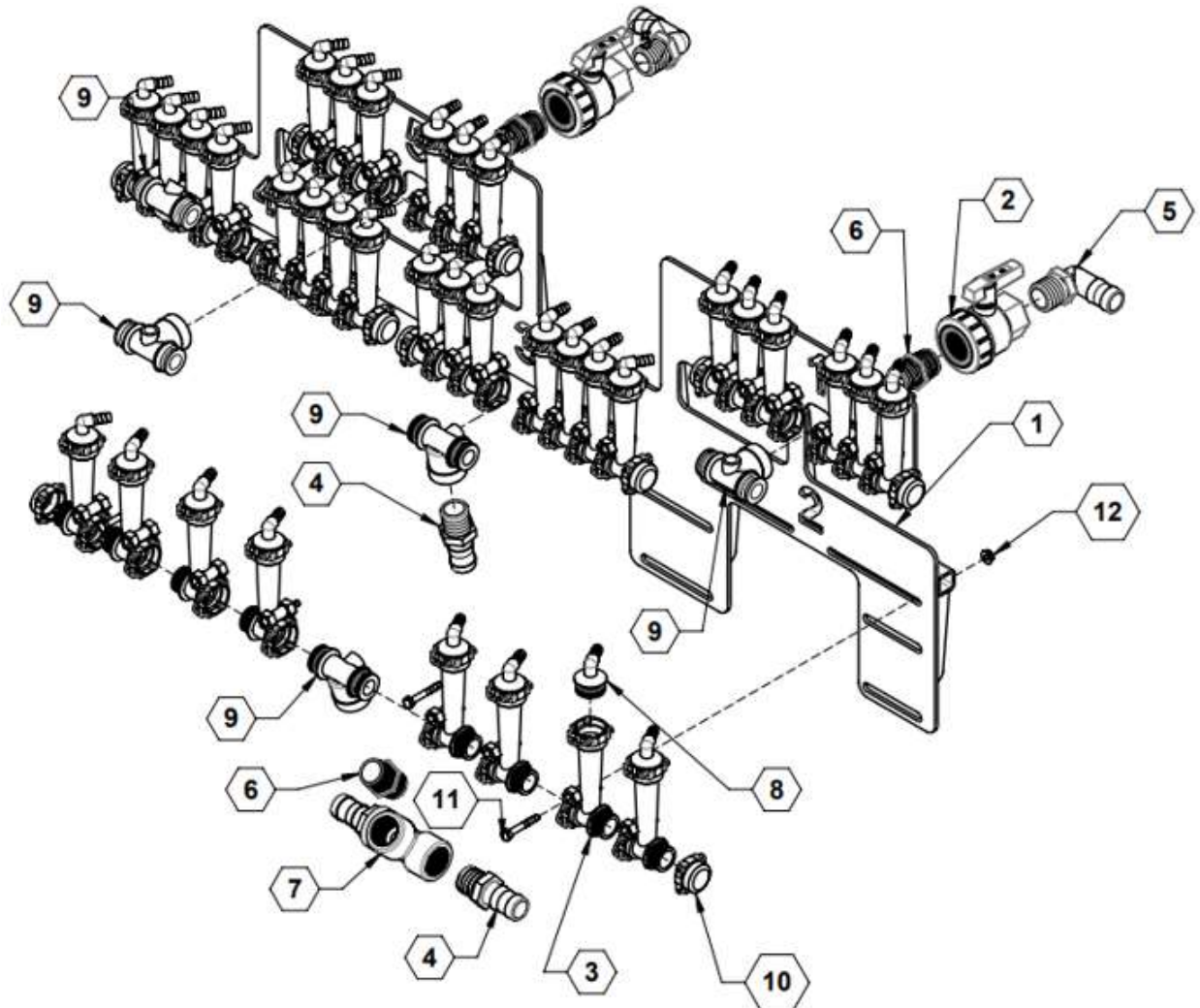
Plumbing, 3-Section 35-Row, Wilgers (cont.)



Parts List 28832: Plumbing, 3-Section 35-Row, Wilgers

ITEM	PART NO.	QTY.	DESCRIPTION
1	27293	2	TUBE, WILGER MOUNT
2	28833	1	ASSY, WILGER MONITORS 3 SECTION 35 ROW, A-SERIES
3	500027	0.75	VALVE, 450 4-BANK, NON-FLOWBACK, NARROW TEE
4	510016	8	(FT) HOSE, 1.00" EPDM
5	510020	625	HOSE, .375 EPDM
6	520067	35	NOZZLE, 3/8" HOSE SHANK 90 DEG
7	530014	6	GASKET, 1.500 EPDM
8	530080	1	MANIFOLD ELBOW 90, 2.00 X 1.50 HB
9	530090	1	CROSS, MANIFOLD 2.00
10	530093	1	PLUG, MANIFOLD, 2.00
11	530094	2	PLUG, MANIFOLD 2.00 W/ HOLE
12	530189	1	QUICK CONNECT 1" STRAIGHT BARB
13	530190	2	QUICK CONNECT, 1.00 HB ELBOW 90
14	540001	7	CLAMP, 2.00 STD WORM SCREW
15	540014	10	HOSE CLAMP, SS 1.00 #16
16	540032	70	HOSE CLAMP, 5/16 #5 SS
17	590061	2	U-BOLT, 5/8" X 7" X 5", CZP
18	596131M	4	BOLT, HH 3/8-16 X 2-1/2 GR5 MAGNI
19	596216M	4	NUT, HEX 5/8-11 MAGNI
20	596253M	4	LOCKWASHER 5/8 MAGNI
21	596769M	4	NUT, HEX FLANGE 3/8-16 MAGNI
22	790020	1	GAUGE, FAST LOGO 160PSI

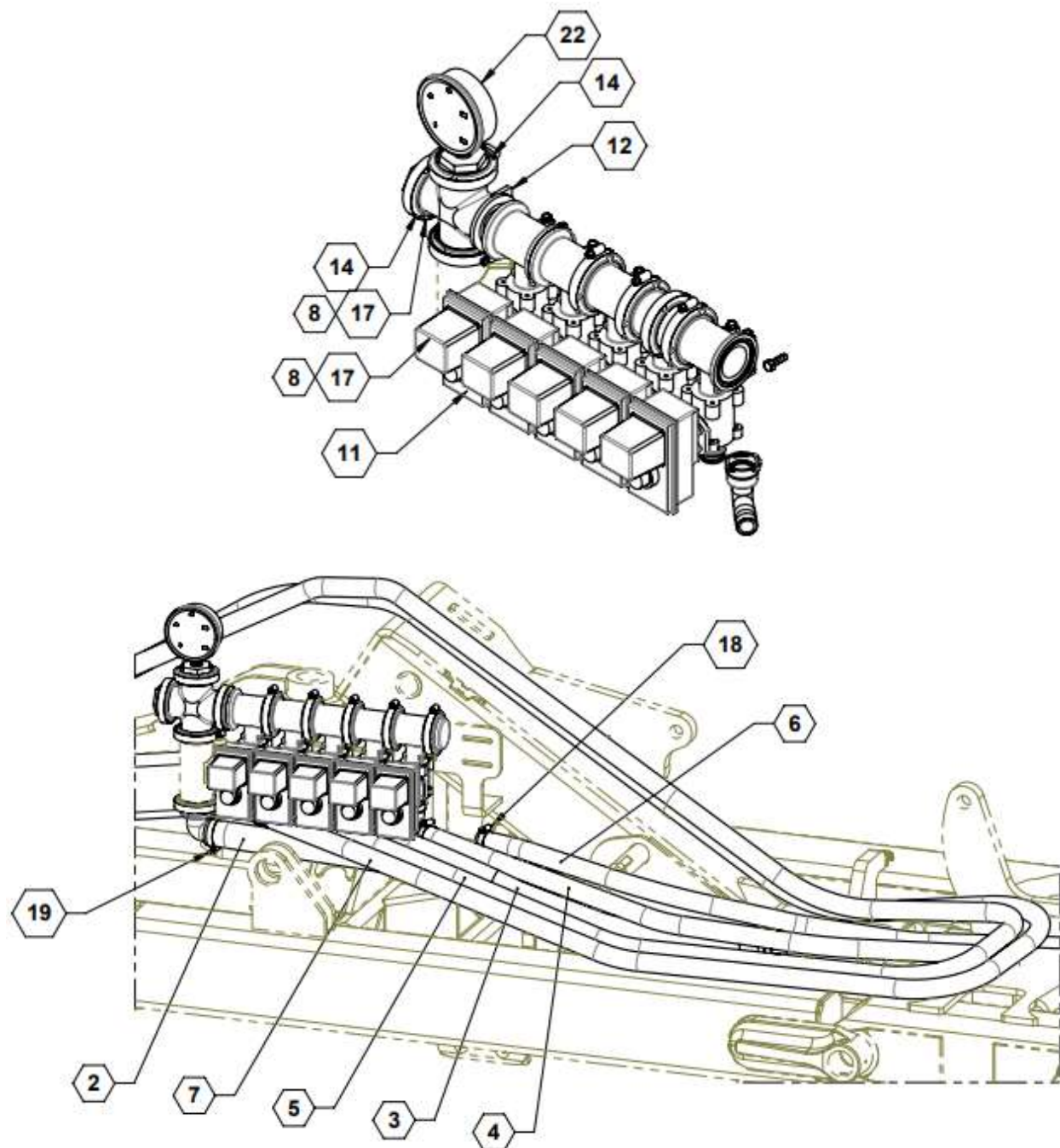
Plumbing, 3-Section 35-Row, Wilgers



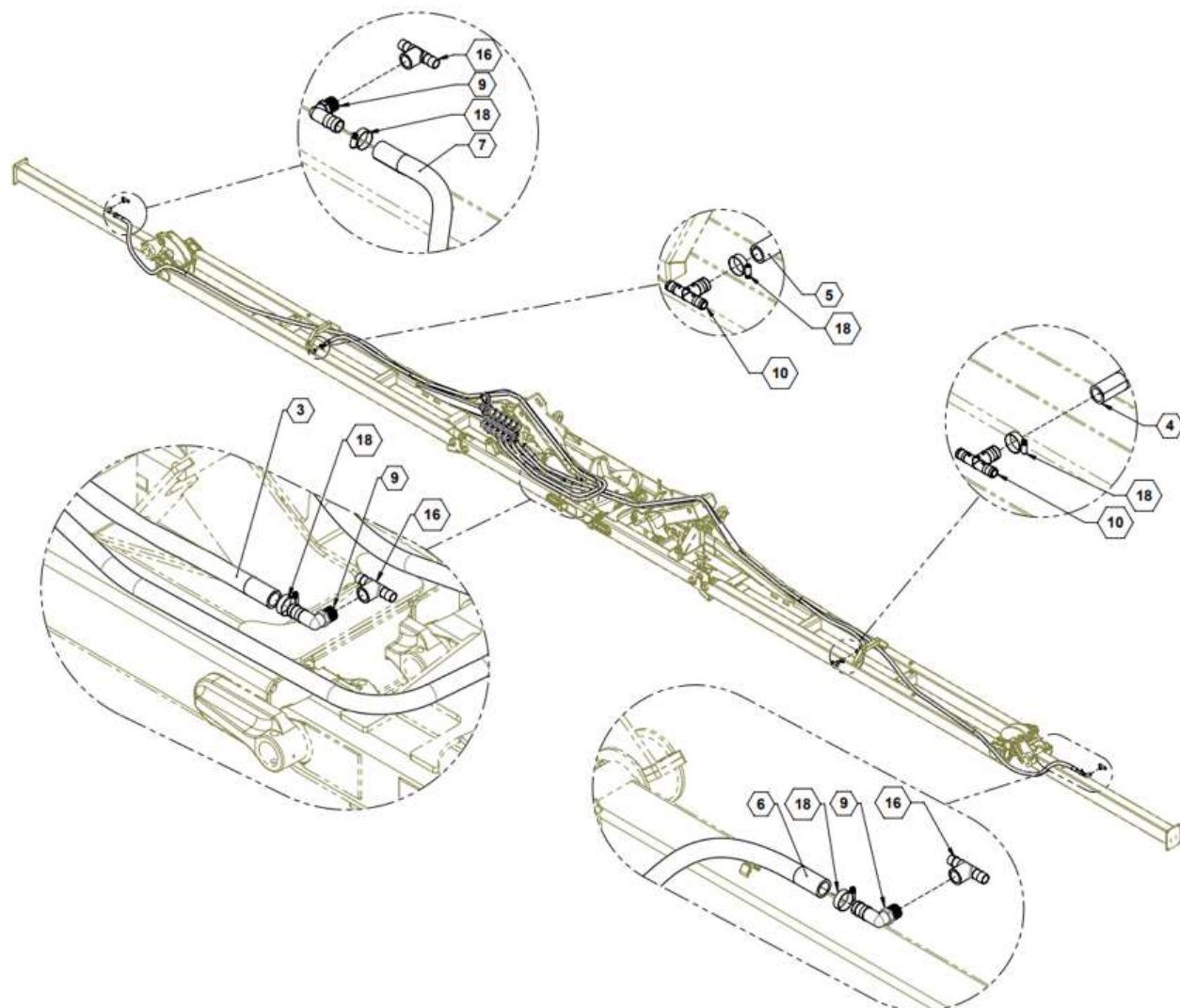
Parts List 28833: Plumbing, 3-Section 35-Row, Wilgers

ITEM	PART NO.	QTY.	DESCRIPTION
1	28834	1	WLDMNT, WILGER MNTRS 35-37
2	500009	2	VALVE, 1.00 FULL PORT SINGLE UNION
3	500073	35	WILGER FLOW MONITOR BODY
4	530041	5	FITTING, 1.00 MNPT X 1.00 HB, POLY
5	530044	2	FITTING, ELBOW, 90D, 1.00 MNPT X 1.00 HB, POLY
6	530133	4	NIPPLE, SHORT POLY X 1 IN
7	530157	2	TEE, 1.00 PIPE, POLY
8	530458	35	WILGER ORS X 3/8" HB 90 DEG
9	530459	5	ORS M X ORS M X 1"NPT TEE
10	530464	10	WILGER ORS CAP
11	596104M	20	BOLT, HH 1/4-20X1-3/4 GR5 MAGNI
12	596767M	20	NUT, HEX FLANGE 1/4-20 MAGNI

Plumbing, 5-Section, Standard



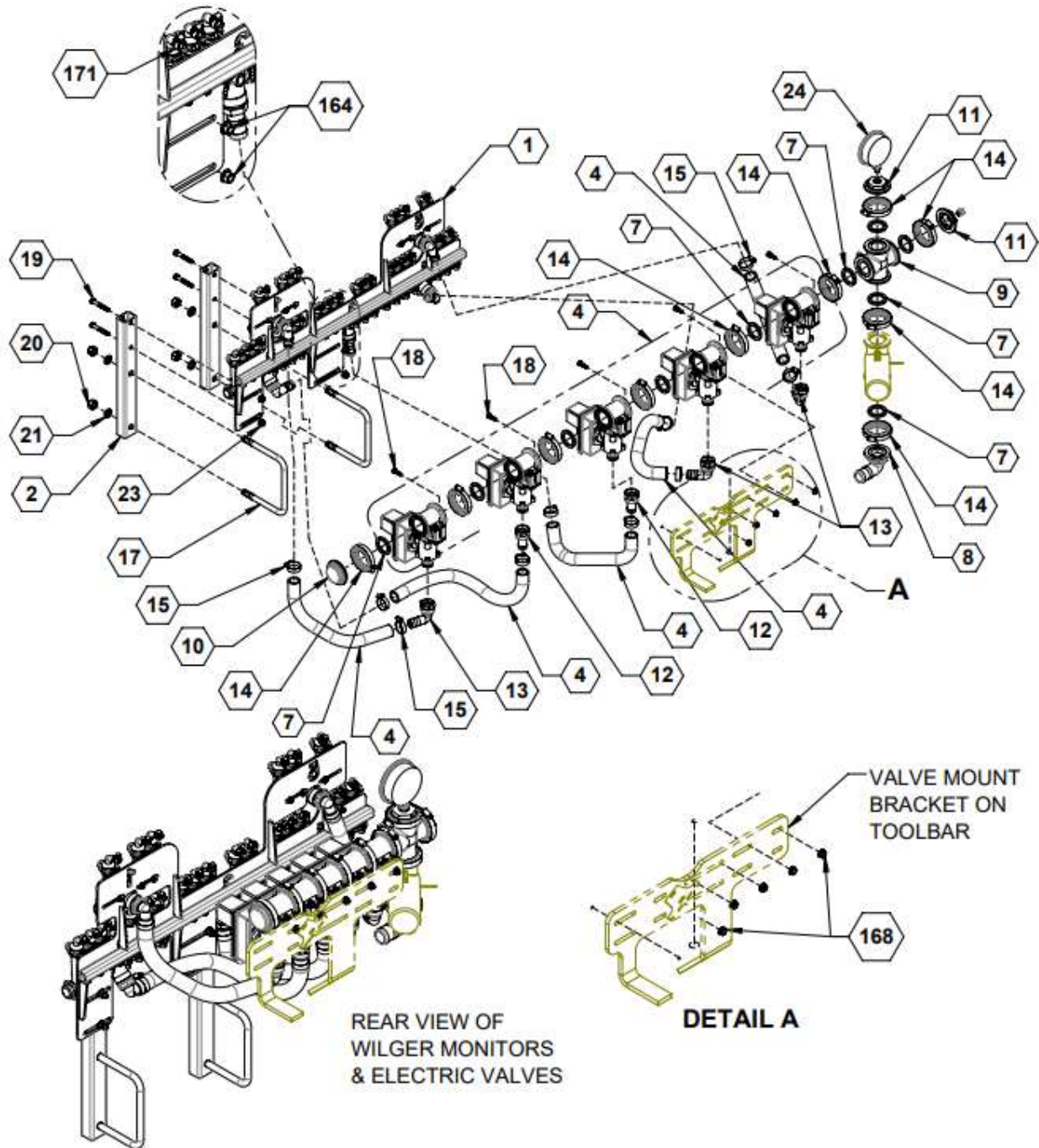
Plumbing, 5-Section, Standard (cont.)



Parts List 26969 / 38118: Plumbing, 5-Section, Standard

ITEM	PART NO.	QTY.	DESCRIPTION
1	500027	1.25	VALVE, 450 4-BANK, NON-FLOWBACK, NARROW TEE
2	510014	1	HOSE, 1-1/2" EPDM X 2 FT
3	510016	1	HOSE, 1" EPDM 3FT
4	510016	1	HOSE, 1" EPDM 19FT
5	510016	1	HOSE, 1" EPDM 21FT
6	510016	1	HOSE, 1" EPDM 31FT
7	510016	1	HOSE, 1" EPDM 33FT
8	530014	7	GASKET, 1.500 EPDM
9	530036	3	ELBOW, .75 MPT X 1.00 HB, 90~
10	530055	2	TEE, 1.00 HB X .75 HB X .75 HB
11	530080	1	MANIFOLD ELBOW 90, 2.00 X 1.50 HB
12	530090	1	CROSS, MANIFOLD 2.00
13	530093	1	PLUG, MANIFOLD, 2.00
14	530094	2	PLUG, MANIFOLD 2.00 W/ HOLE
15	530190	5	QUICK CONNECT, 1.00 HB ELBOW 90
16	530220	3	TEE, .75 FPT X .75 HB X .75 HB
17	540001	7	CLAMP, 2.00 STD WORM SCREW
18	540014	11	HOSE CLAMP, SS 1.00 #16
19	540016	1	CLAMP, SS 1.500 #24
20	596115M	5	BOLT, HH 5/16-18 X 1 GR5 MAGNI
21	596768M	5	NUT, HEX FLANGE 5/16-18 MAGNI
22	790020	1	GAUGE, FAST LOGO 160PSI

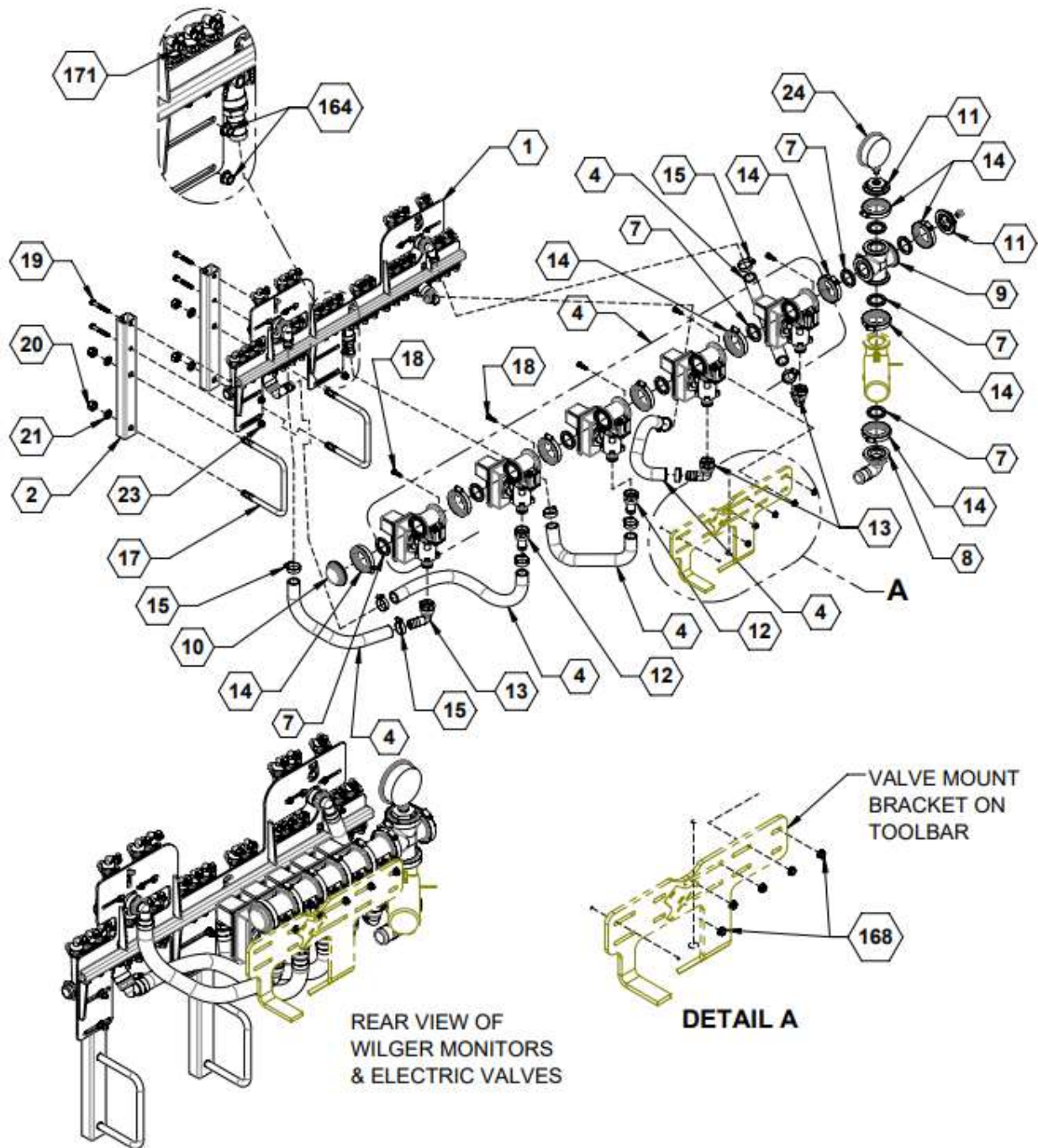
Plumbing, 5-Section 23-Row, Wilgers



Parts List 27295: Plumbing, 5-Section 23-Row, Wilgers

ITEM	PART NO.	QTY.	DESCRIPTION
1	27289	1	ASSY, WILGER MNTRS 23 ROW
2	27293	2	TUBE, WILGER MOUNT
3	500027	1	VALVE, 450 4-BANK, NON-FLOWBACK, NARROW TEE
4	510016	5	HOSE, 1.00 EPDM X 1.5FT, RH FLIP WING
5	510020	5	HOSE, .375 EPDM X 53FT, CENTER SECTION
6	520067	23	NOZZLE, 3/8" HOSE SHANK 90 DEG
7	530014	6	GASKET, 1.500 EPDM
8	530080	1	MANIFOLD ELBOW 90, 2.00 X 1.50 HB
9	530090	1	CROSS, MANIFOLD 2.00
10	530093	1	PLUG, MANIFOLD, 2.00
11	530094	2	PLUG, MANIFOLD 2.00 W/ HOLE
12	530189	2	QUICK CONNECT 1" STRAIGHT BARB
13	530190	3	QUICK CONNECT, 1.00 HB ELBOW 90
14	540001	7	CLAMP, 2.00 STD WORM SCREW
15	540014	10	HOSE CLAMP, SS 1.00 #16
16	540032	46	HOSE CLAMP, 5/16 #5 SS
17	590061	2	U-BOLT, 5/8" X 7" X 5", CZP
18	596115M	5	BOLT, HH 5/16-18 X 1 GR5 MAGNI
19	596131M	4	BOLT, HH 3/8-16 X 2-1/2 GR5 MAGNI
20	596216M	4	NUT, HEX 5/8-11 MAGNI
21	596253M	4	LOCKWASHER 5/8 MAGNI
22	596768M	5	NUT, HEX FLANGE 5/16-18 MAGNI
23	596769M	4	NUT, HEX FLANGE 3/8-16 MAGNI
24	790020	1	GAUGE, FAST LOGO 160PSI

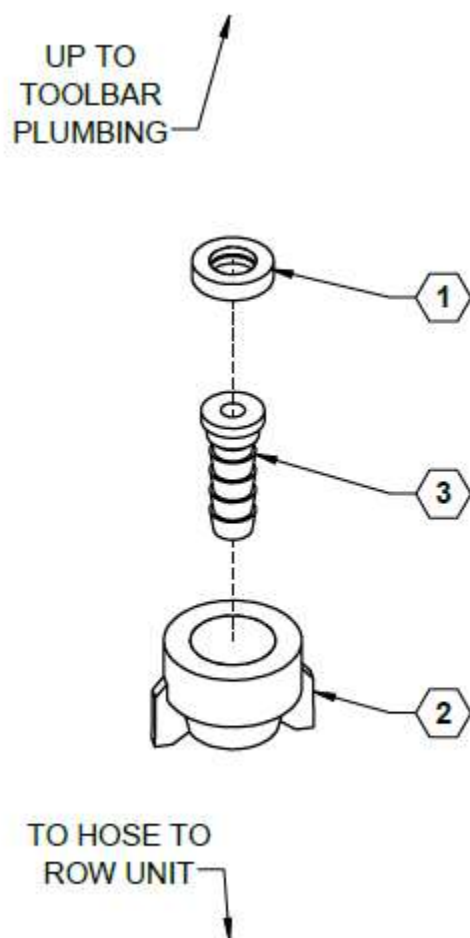
Plumbing, 5-Section 25-Row, Wilgers



Parts List 27296: Plumbing, 5-Section 25-Row, Wilgers

ITEM	PART NO.	QTY.	DESCRIPTION
1	27295	1	ASSY, 23 ROW WILGER MONITORS
2	500073	2	WILGER FLOW MONITOR BODY
3	510020	1	HOSE, .375 EPDM X 67FT
4	520067	2	NOZZLE, 3/8" HOSE SHANK 90 DEG
5	530458	2	WILGER ORS X 3/8" HB 90 DEG
6	540032	4	HOSE CLAMP, 5/16 #5 SS
7	596104M	2	BOLT, HH 1/4-20X1-3/4 GR5 MAGNI
8	596767M	2	NUT, HEX FLANGE 1/4-20 MAGNI

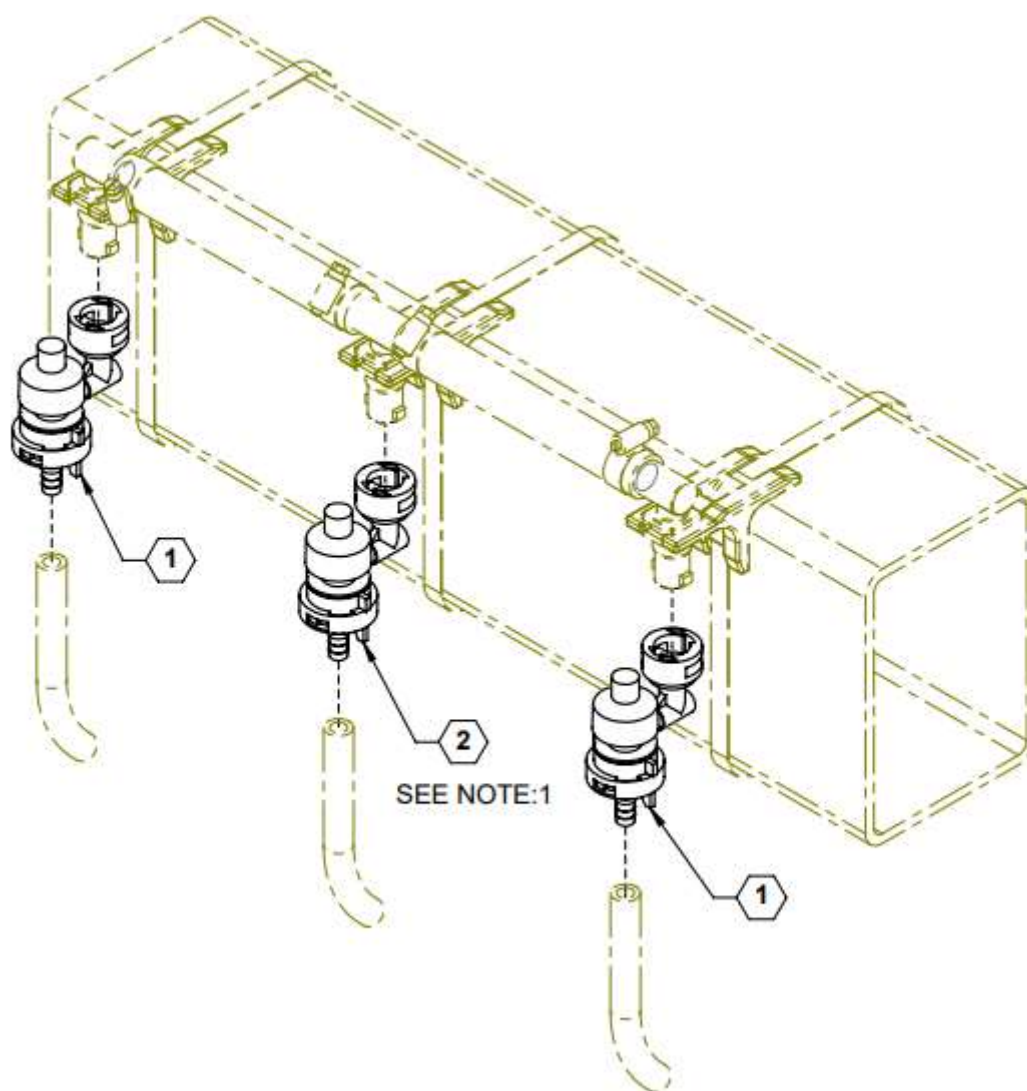
Standard Nozzles



Parts List 35730: Standard Nozzles

ITEM	PART NO.	QTY.	DESCRIPTION
1	590029	1	SEAL, EPDM
2	590076	1	CAP, QT NYLON BLACK
3	590077	1	CONNECTOR, HOSE BARB

VariTarget Nozzles 0.5 Rate

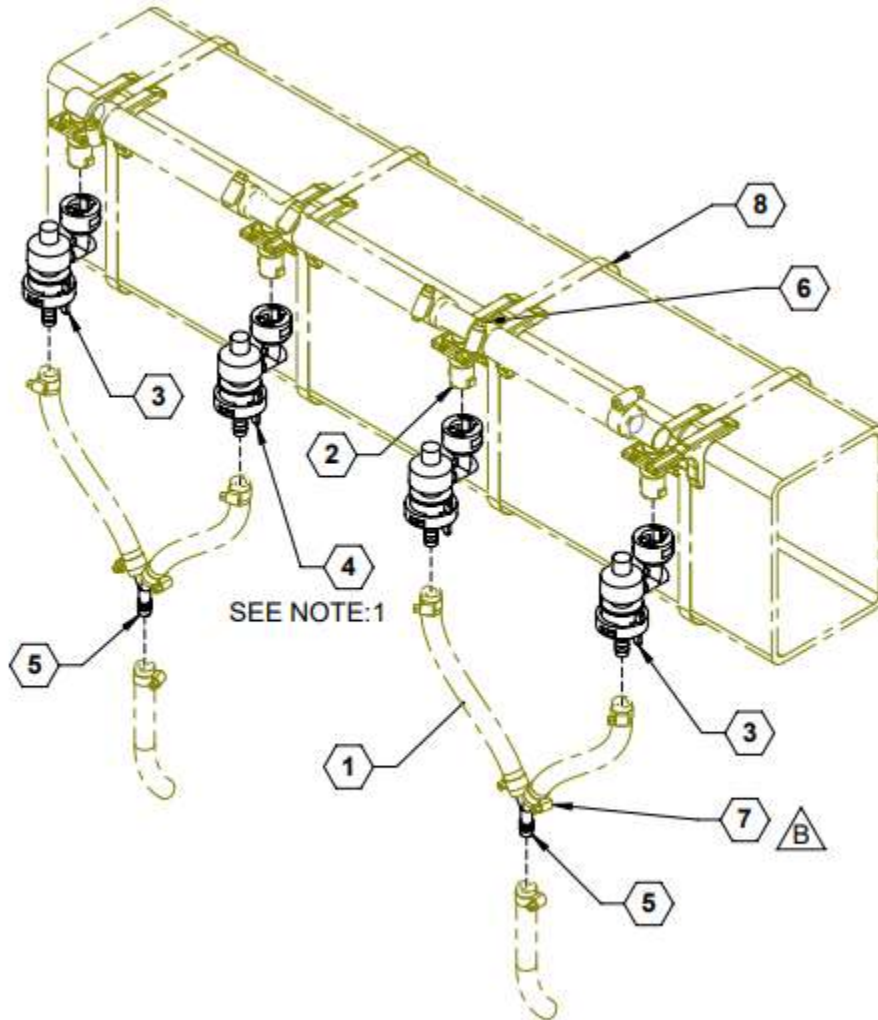


Parts List 27891: VariTarget Nozzles 0.5 Rate

ITEM	PART NO.	QTY.	DESCRIPTION
1	520053	AR	VERIFLOW BLUE TIP
2	520054	AR	HI VERIFLOW YELLOW TIP

VariTarget Nozzles 1.5 Rate

NOTE:
1. QUANTITY EQUAL TO NUMBER OF COULTERS

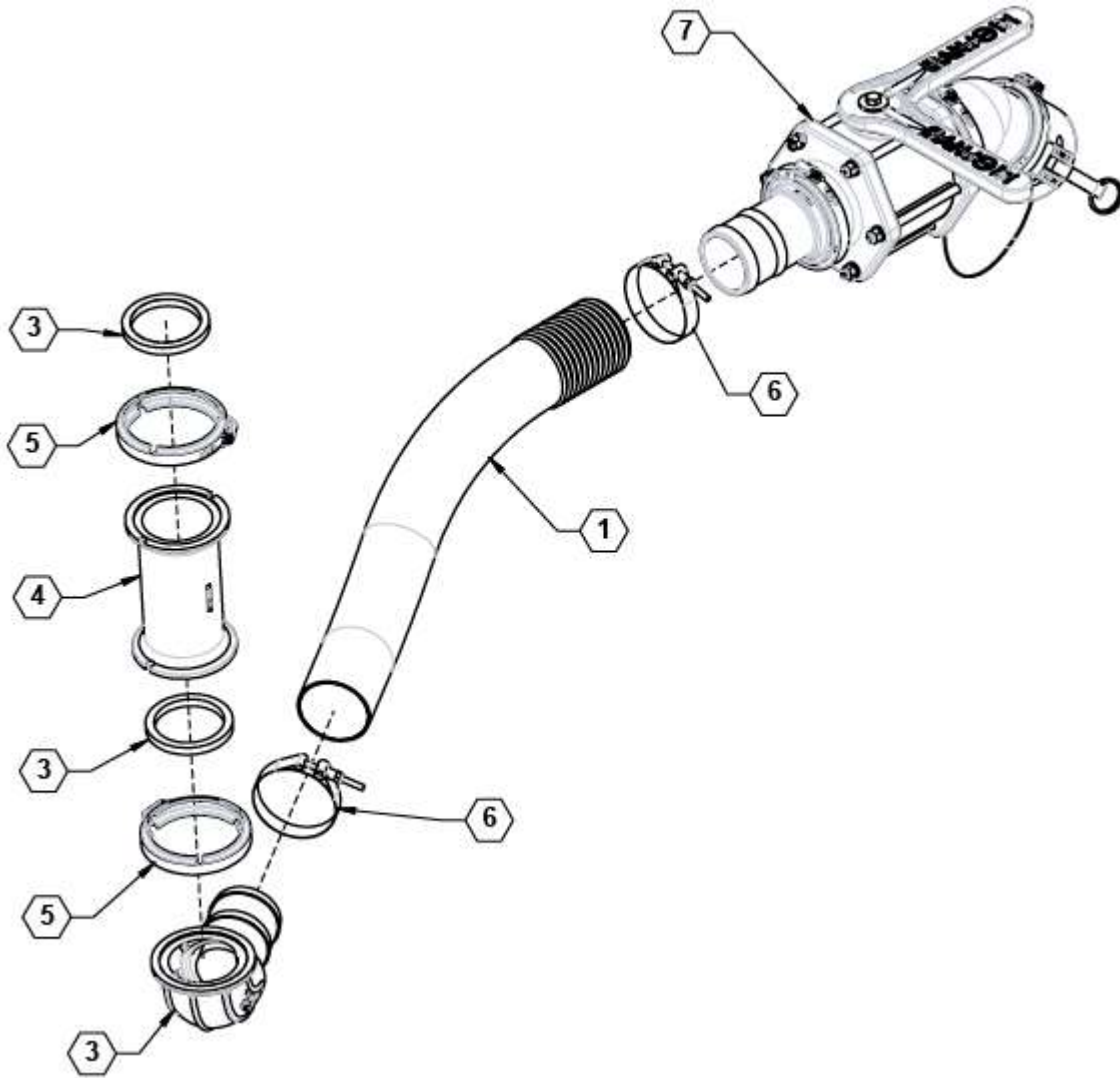


Parts List 27892: VariTarget Nozzles 1.5 Rate

ITEM	PART NO.	QTY.	DESCRIPTION
1	510020	2	3/8" EPDM HOSE
2	520004	2	NOZZLE, DOUBLE HOSE SHANK
3	520053	2	VERIFLOW BLUE TIP
4	520054	AR	HI VERIFLOW YELLOW TIP
5	530372	2	3/8" HOSE BARB Y FTTNG
6	540013	4	HOSE CLAMP, SS .75 #12
7	540032	8	HOSE CLAMP, 5/16 #5 SS
8	540050	2	CLAMP, HOSE SS 5 1/2" - 8 1/2"
9	590187	2	MOUNT, PLUMBING

PRODUCT PLUMBING on FRAME

Quick Fill (no strainer)



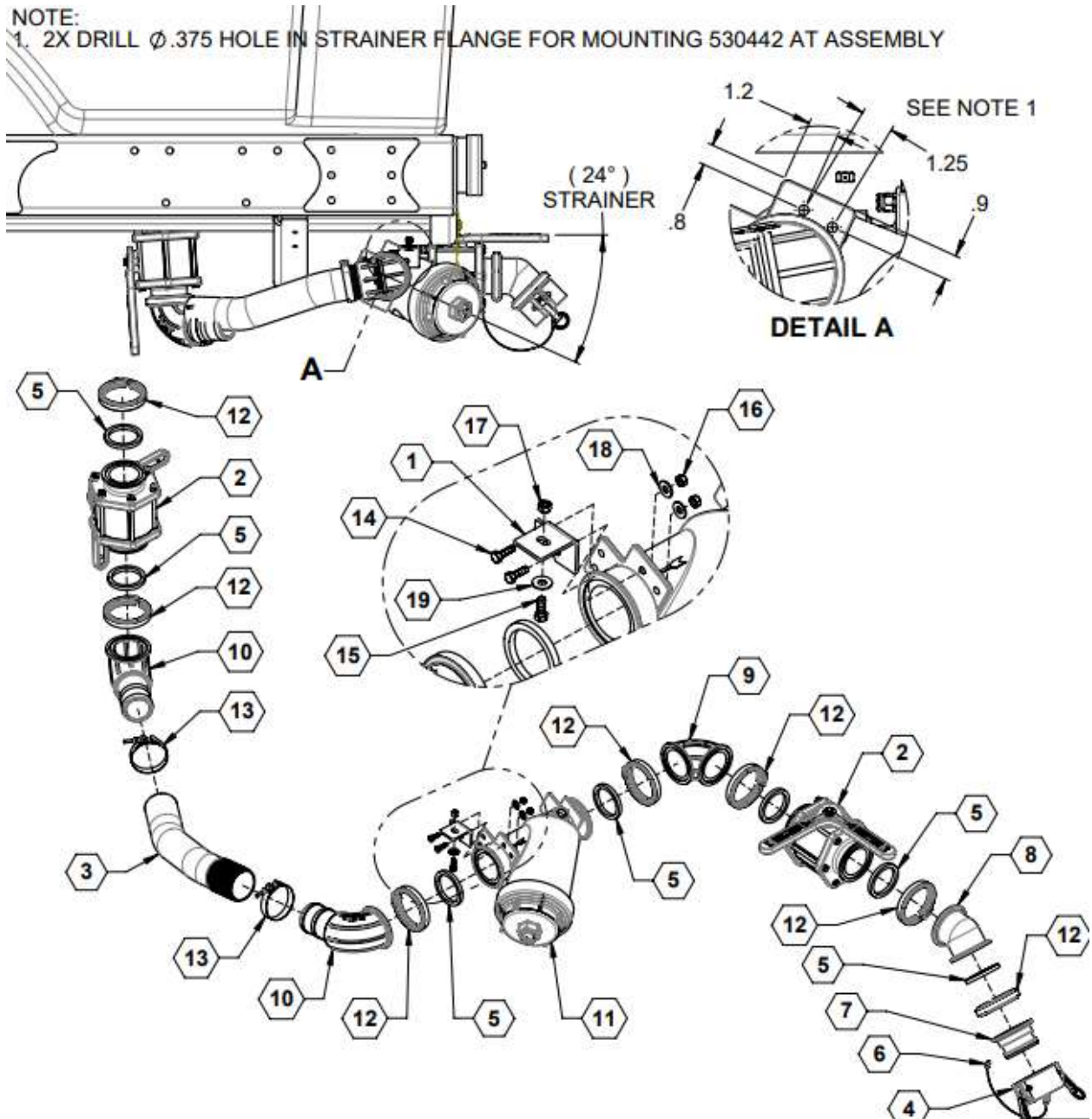
Parts List 26774: Quick Fill (no strainer)

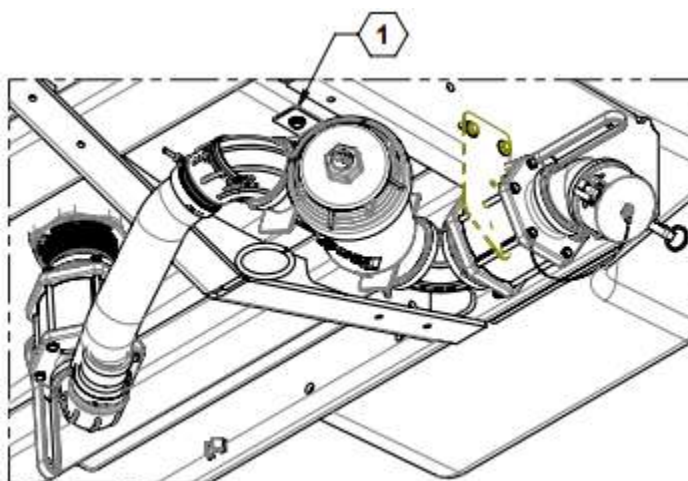
ITEM	PART NO.	QTY.	DESCRIPTION
1	510038	3	HOSE, 3" FERTILIZER, BLACK
3	530024	2	GASKET, 3" EPDM
3	530441	1	FLANGE SWEEP, 90 X 3" HOSE BARB
4	530453	1	3" X 3" LONG PORT MANIFOLD
5	540003	2	CLAMP, WORM SCREW 3"
6	540009	2	CLAMP, 3" T BOLT
7	90SA3QF	1	SUB ASSY, 3" QUICK FILL

Quick Fill (with strainer)

NOTE:

1. 2X DRILL $\varnothing$.375 HOLE IN STRAINER FLANGE FOR MOUNTING 530442 AT ASSEMBLY

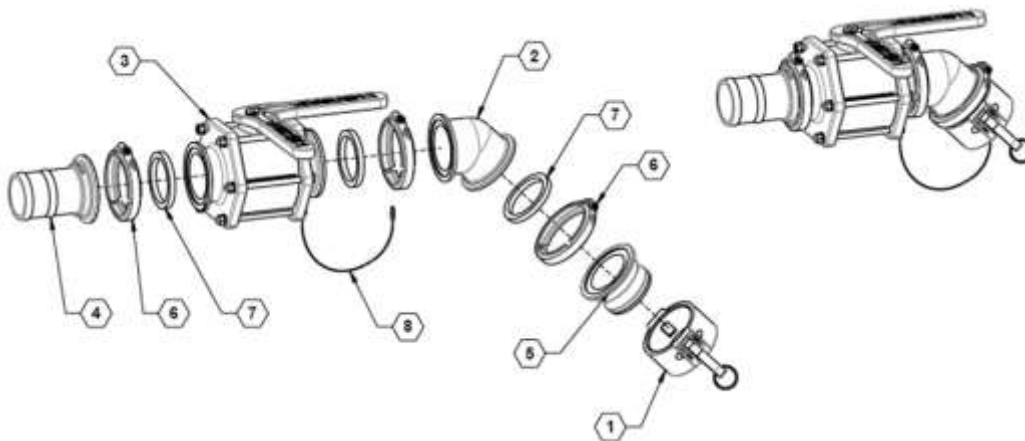




Parts List 26971: Quick Fill (with strainer)

ITEM	PART NO.	QTY.	DESCRIPTION
1	26967	1	PLATE, 3" STRAINER MOUNT
2	500042	2	MANIFOLD VALVE, STD PORT 3"
3	510038	1	HOSE, 3" FERTILIZER X 18 IN
4	530023	1	CAP, 3"
5	530024	7	GASKET, 3" EPDM
6	530179	1	CABLE LANYARD
7	530233	1	MANIFOLD ADAPTER, 3" X 3" QDC MALE
8	530234	1	COUPLER, 3" X 45°
9	530439	1	MANIFOLD SWEEP, FLANGE 3"
10	530441	2	FLANGE SWEEP, 90 X 3" HOSE BARB
11	530442	1	STRAINER, 3" Y STANDARD PORT -12
12	540003	7	CLAMP, WORM SCREW 3"
13	540009	2	CLAMP, 3" T BOLT
14	596115M	2	BOLT, HH 5/16-18 X 1 GR5 MAGNI
15	596128M	1	BOLT, HH 3/8-16 X 1 GR5 MAGNI
16	596212M	2	NUT, HEX 5/16-18 MAGNI
17	596237M	1	NUT, CENTERLOCK 3/8-16 MAGNI
18	596257M	2	WASHER, FLAT 5/16 USS MAGNI
19	596258M	1	WASHER, FLAT 3/8 MAGNI

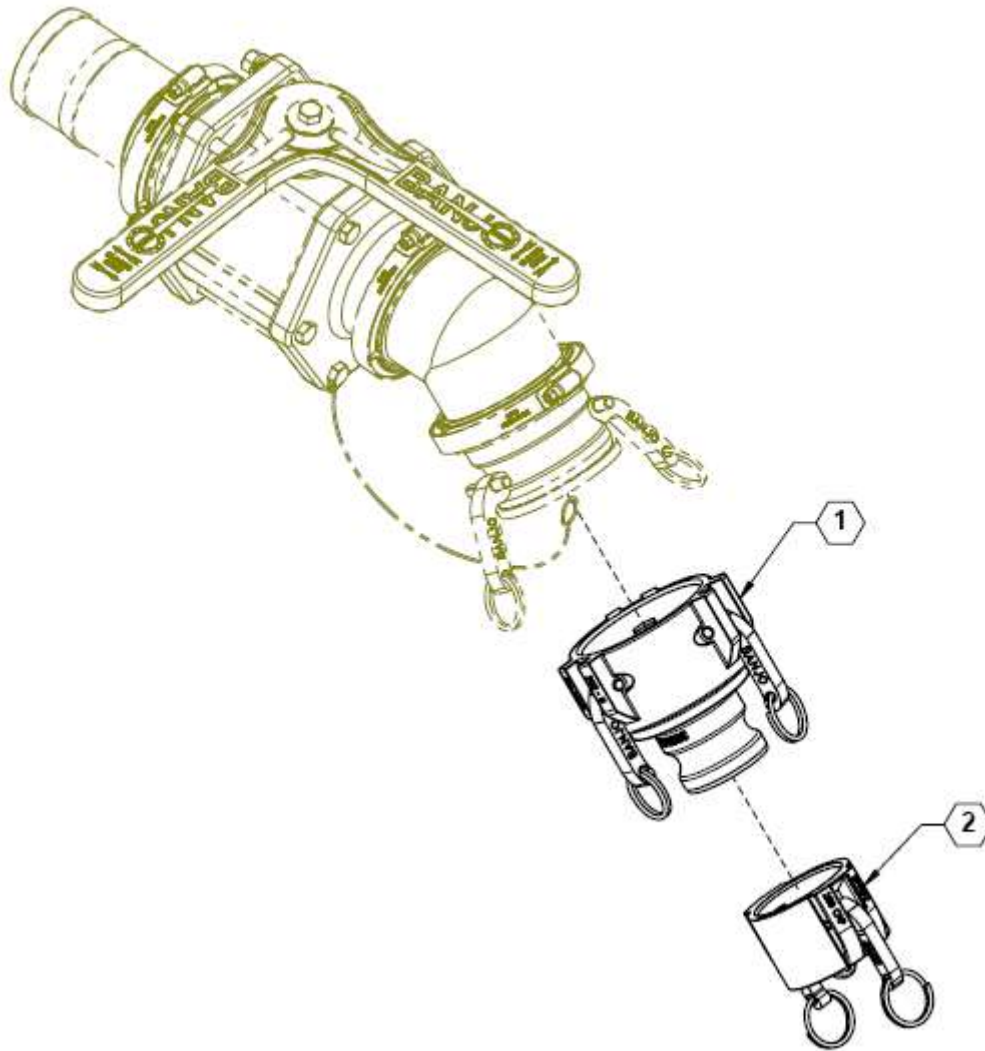
Quick Fill Valve, 3"



Parts List 90SA3QF: Quick Fill Valve, 3"

ITEM	PART NO.	QTY.	DESCRIPTION
1	500042	1	MV300CF
2	530023	1	CAP, 3"
3	530024	3	GASKET, 3" EPDM
4	530113	1	Flanged 3" Hose Barb
5	530179	1	CABLE LANYARD
6	530233	1	3" MANIFOLD X 3" MALE ADAPTER
7	530234	1	3" COUPLER, 45 DEGREE
8	540003	3	CLAMP, WORM SCREW 3"

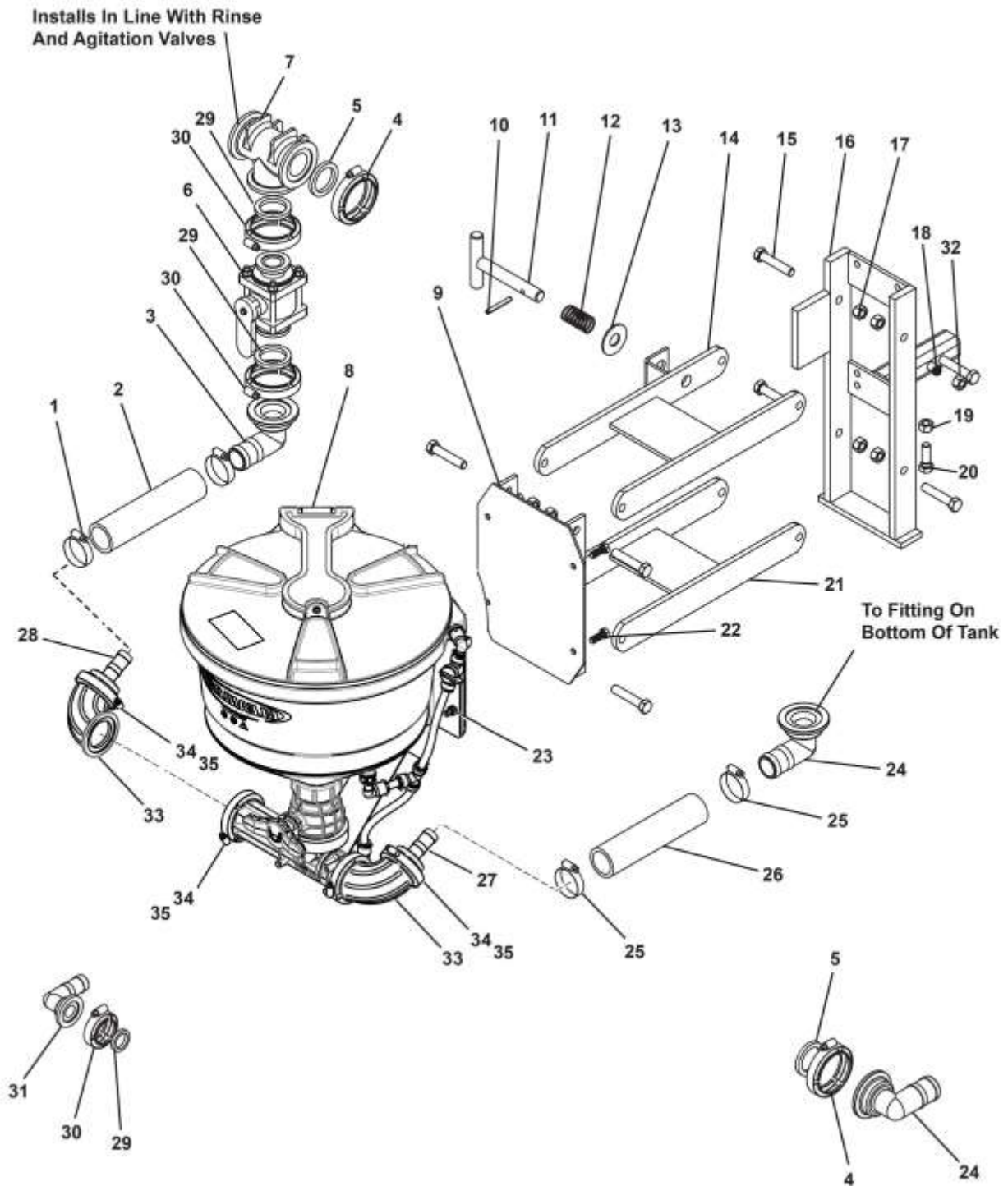
Quick Fill 3" to 2" Adapter



Parts List 26995: Quick Fill 3" to 2" Adapter

ITEM	PART NO.	QTY.	DESCRIPTION
1	530357	1	3" FE COUPLING-2" MALE ADAPTR
2	530017	1	CAP, 2"

Eductor for Applicator



Parts List 99HYPIND07FC18/24: Eductor for Applicator

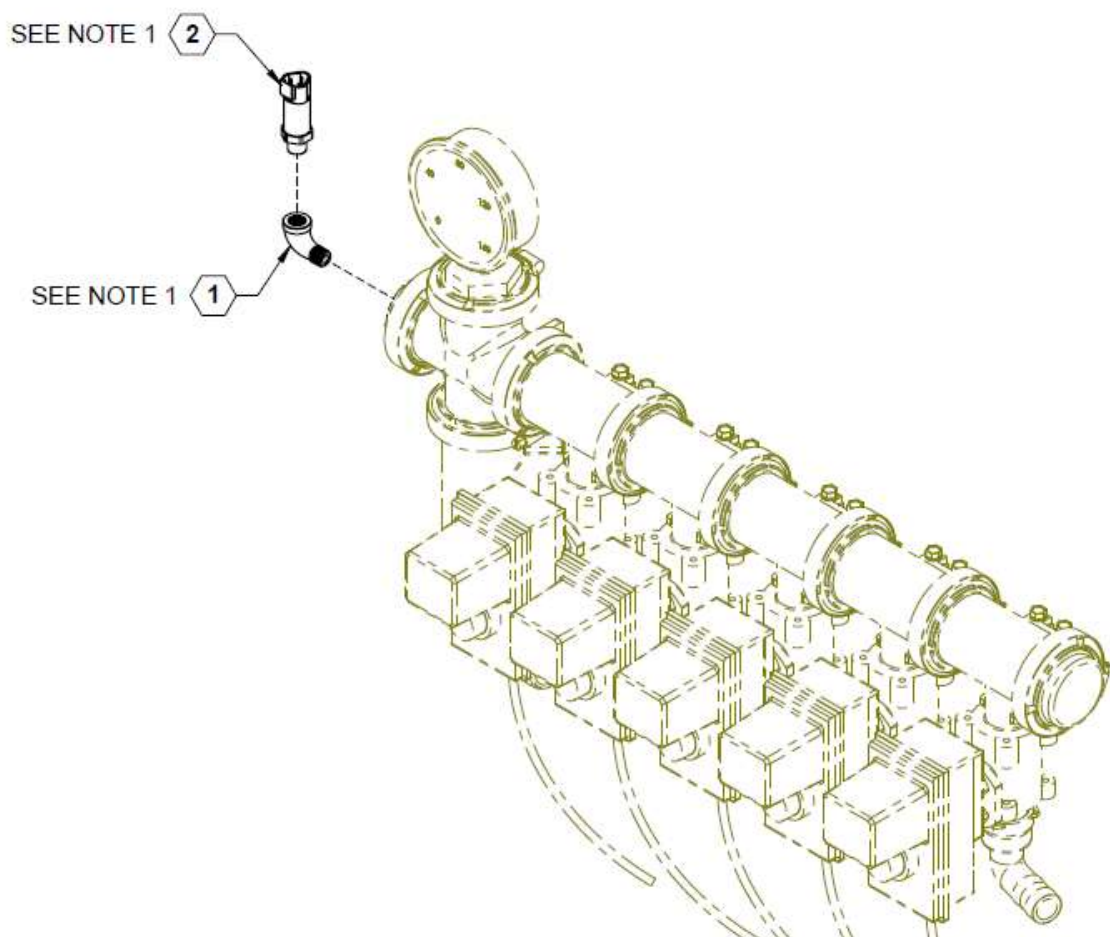
ITEM	PART NO.	QTY.	DESCRIPTION
NS	800015	1	DECAL, INDUCTOR
NS	540051	2	P CLAMP, 2" HOSE 2"
1	540015	2	CLAMP, STAINLESS 1-1/4" #20
2	510015	6	HOSE, 1-1/4" EPDM
4	540001	3	CLAMP, 2" STANDARD WORM SCREW
5	530014	3	1-1/2" EPDM GASKET
6	500005	1	VALVE, 1" FULL PORT WITH C-F
7	530075	1	2" STANDARD PORT X 1" FLANGED
8	570119	1	TANK CLEANLOAD EDUCTOR 7.5 GALLON
9	16560BLK	1	MOUNT, HYPRO ENDUCTOR
10	687	1	Pin, Spring 1.25 x 2" ZP
11	7981BLK	1	HANDLE, T SHAPED
12	790001	1	SPRING, INDUCTOR LATCH
13	262	1	WASHER, FLAT 3/4" ZIP
14	7928BLK	1	LINK, ENDUCTOR, UPPER
15	153	8	Bolt, HH 1/2 x 1.5 GR5 ZP
16	11632BLK	1	MOUNT PLATE, BACK 9500 TRAILER
17	231	8	Nut, HH 1/2" Nylock ZP
18	154	1	Bolt, HH 1/2 x 2.5 GR5 ZP
19	223	1	Nut, HH 1/2" Jam ZP
20	152	1	Bolt, HH 1/2 x 1" GR5 ZP
21	7925BLK	1	LINK, ENDUCTOR, LOWER
22	128	4	Bolt, HH 3/8 x 1" GR5 ZP
23	769	4	Nut, HH 3/8" Whizlock ZP
24	530080	1	2" SP FLANGE X 1-1/2" HOSE BARB - 90°
25	540016	2	CLAMP, STAINLESS 1-1/2" #24
26	510014	5	HOSE, 1-1/2" EPDM
27	530079	1	2" MANIFOLD X 1-1/2" HOSE BARB
28	530076	1	2" MANIFOLD X 1-1/4" HOSE BARB
29	530068	2	1" EPDM GASKET FOR MANIFOLD
30	540000	2	CLAMP, 1" WORM SCREW
31	530065	1	1" FLANGE X 1-1/4" HOSE BARB - 90°
32	771	8	1/2" Wizlock Nut
33	530388	2	2" FP FLANGE X 2" STANDARD FLANGE SWP
34	540002	2	CLAMP, 2" FULL WORM SCREW
35	530019	2	2" EPDM GASKET

PRODUCT ELECTRICAL COMP.S

Pressure Transducer

NOTES:

1. APPLY A SMALL AMOUNT OF THREAD SEALANT BEFORE INSTALLING
2. INSTALL WITH TRANSDUCER ELECTRICAL CONNECTION FACING UPWARD



Parts List 28027: Pressure Transducer

ITEM	PART NO.	QTY.	DESCRIPTION
1	530246	1	ELBOW, 90° STREET ¼ NPT SS
2	632036	1	TRANSDUCER, PRESSURE

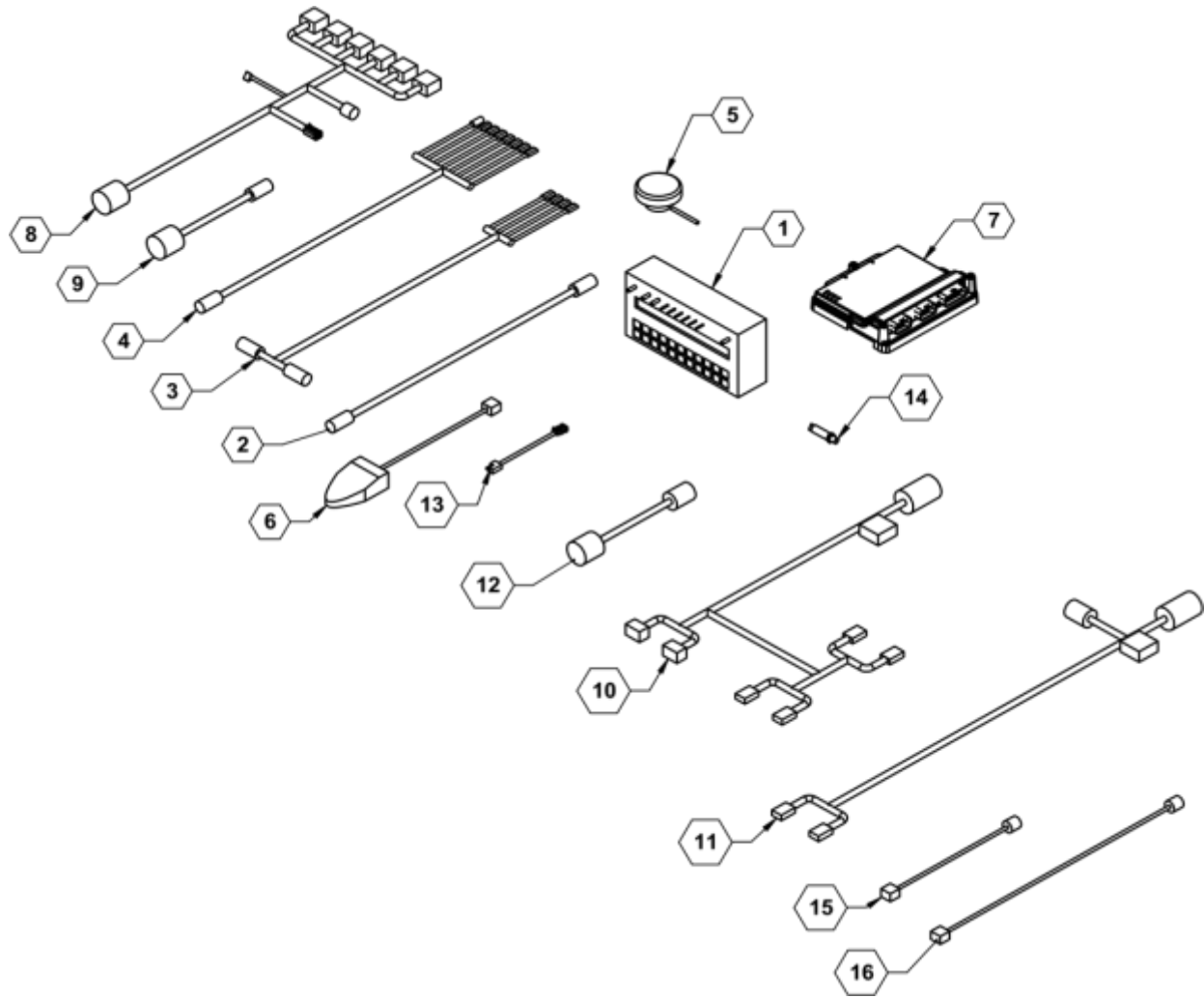
No Pressure Transducer

Parts List 530446: No Pressure Transducer

ITEM	PART NO.	QTY.	DESCRIPTION
1	530446	1	PLUG, .25 MPT, POLY



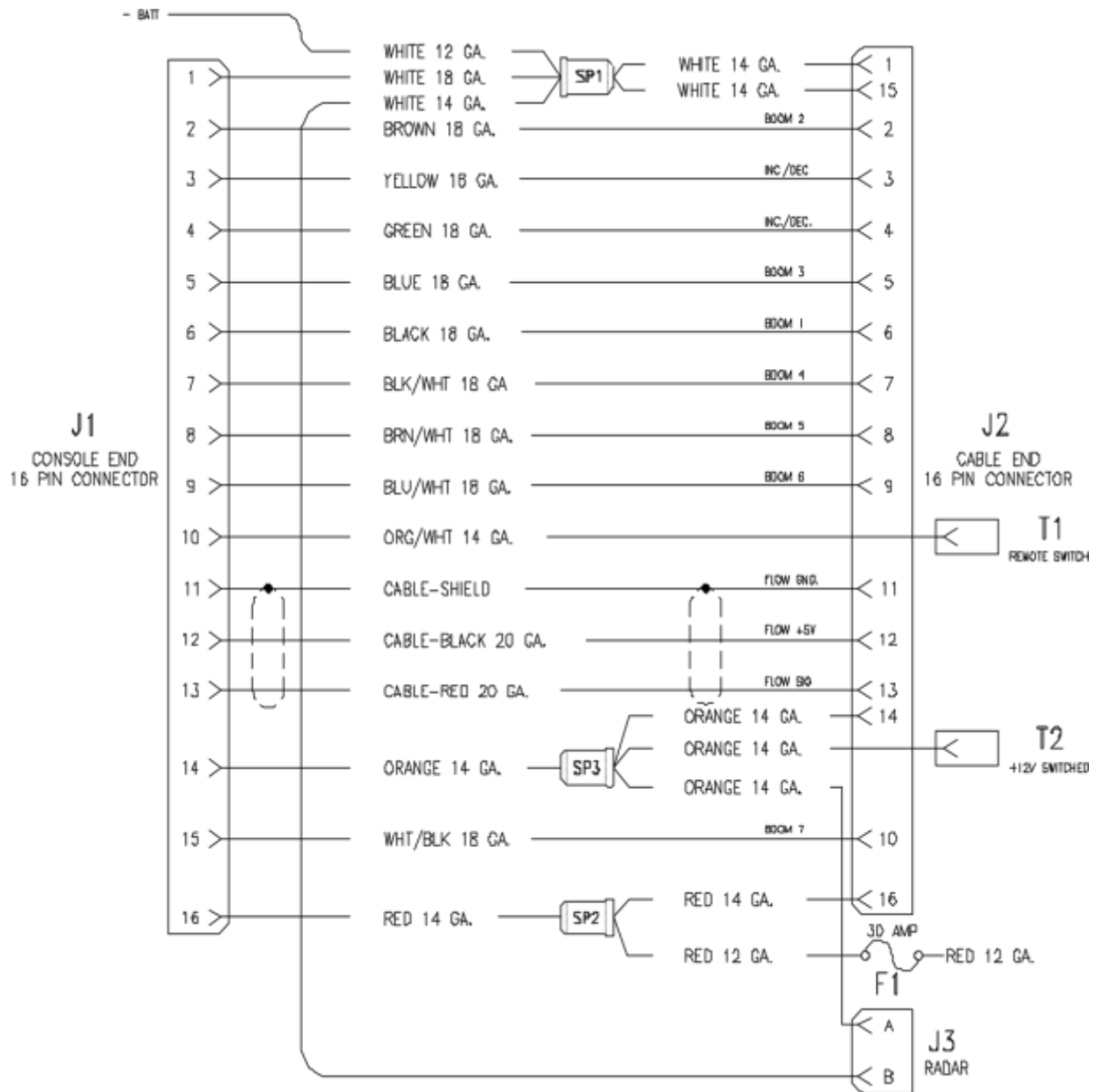
Raven Harnesses & Components



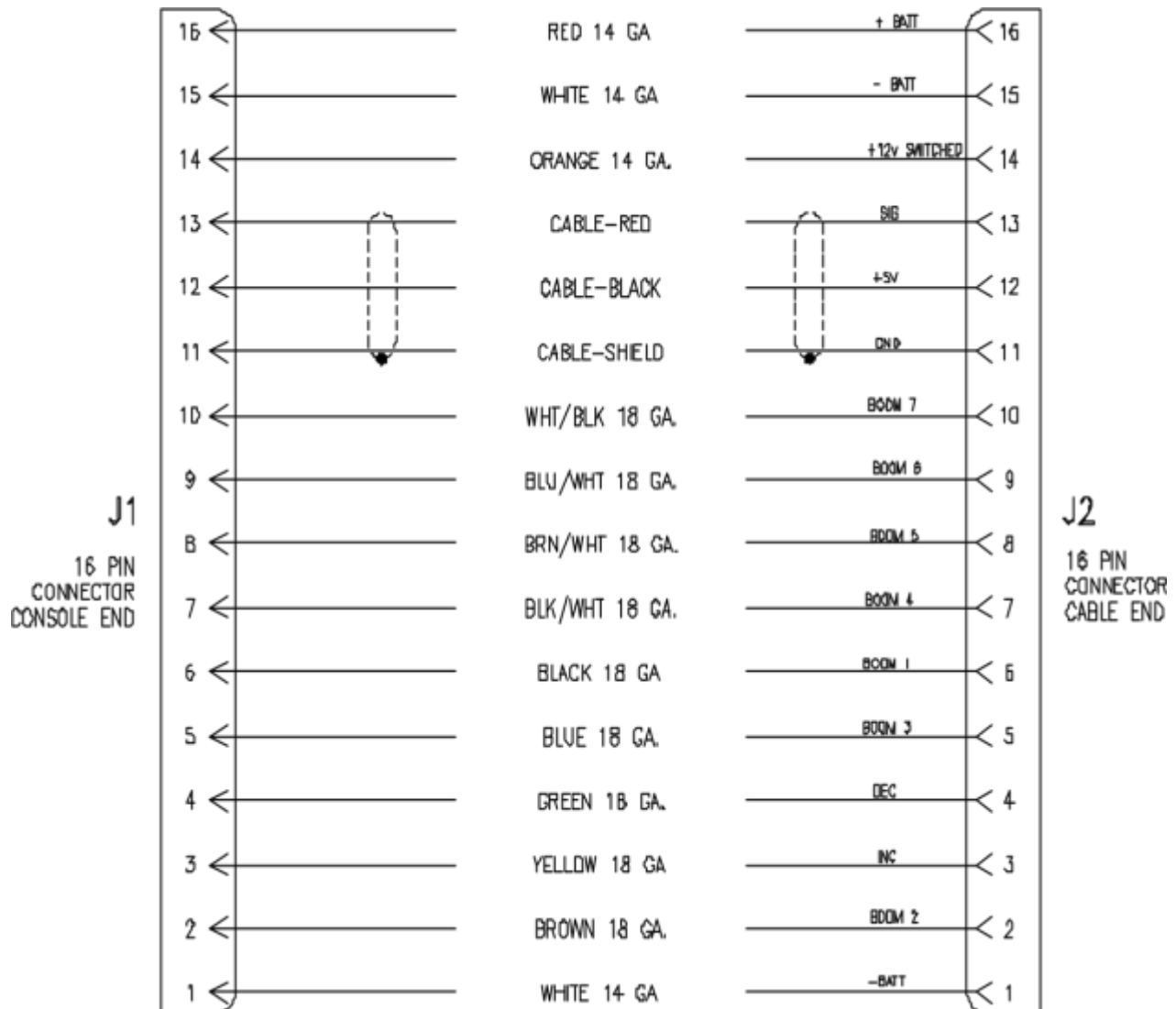
Parts List: Raven Harnesses & Components

ITEM	PART NO.	QTY.	DESCRIPTION
1	631803	AR	6 SECTION 450 CONSOLE
2	631814	AR	12' 16 PIN EXTENSION CABLE
3	631818	AR	10' 440/450 CONSOLE CABLE
4	631819	AR	16 PIN 6 SECTION CABLE
5	631832	AR	GPS SPEED SENSOR
6	631856	AR	FOOTSWITCH
7	632010	AR	RCM
8	632080	AR	47 PIN 6 SECTION CABLE
9	632028	AR	47 PIN TO 16 PIN ADAPTER
10	632029	AR	47 PIN RCM Y-CABLE
11	632031	AR	12' ISO TO IBIC CABLE
12	632033	AR	47 PIN TO 37 PIN ADAPTER
13	632034	AR	TRAILER TO DEUTSCH PLUG ADAPTER CABLE
14	632036	AR	PRESSURE TRANSDUCER
15	632061	AR	CABLE, FOOTSWITCH, 12'
16	632062	AR	CABLE, FOOTSWITCH, 23'
NS	631802	AR	3 SECTION 440 CONSOLE

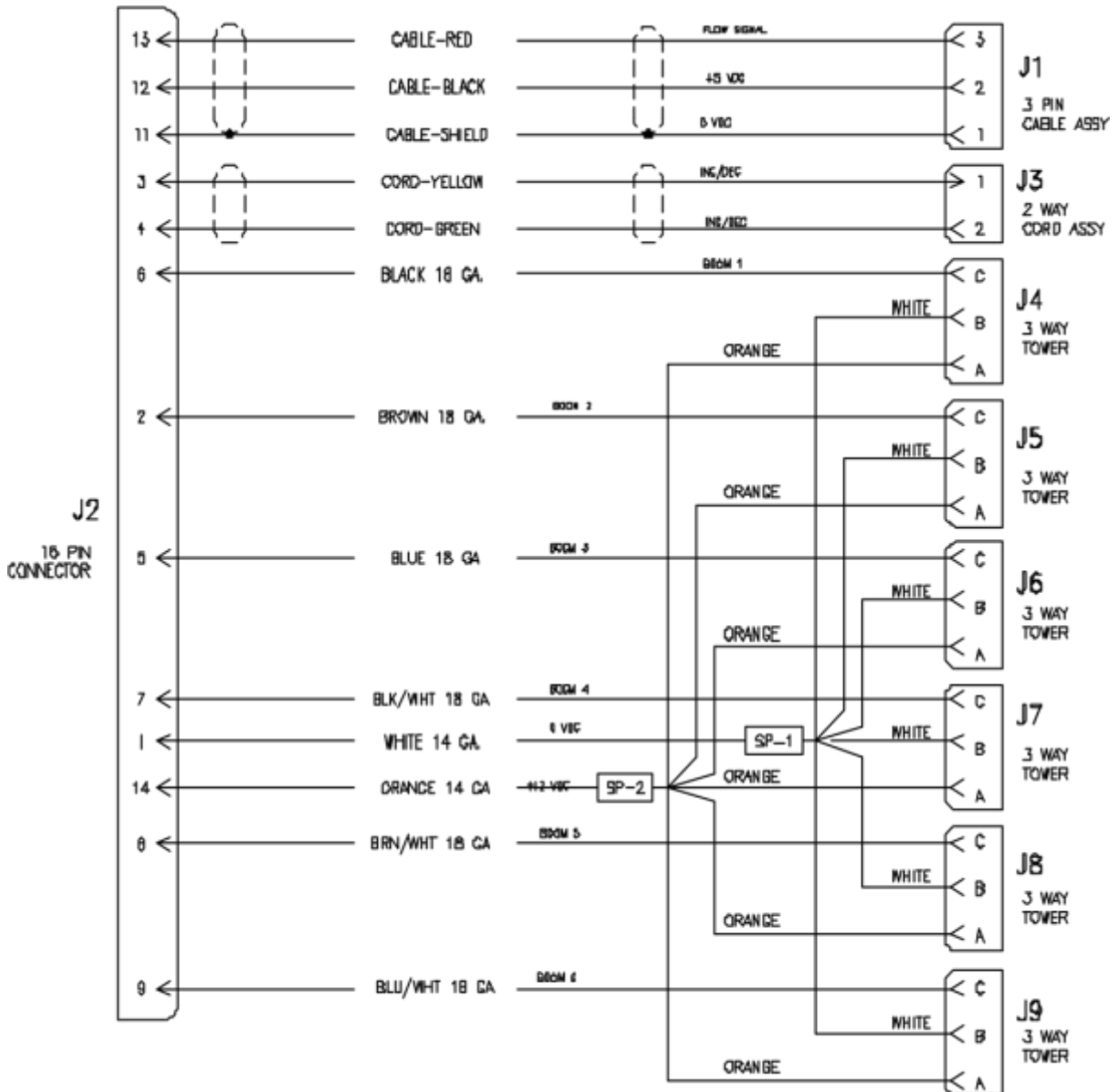
Control Harness 115-0171-085



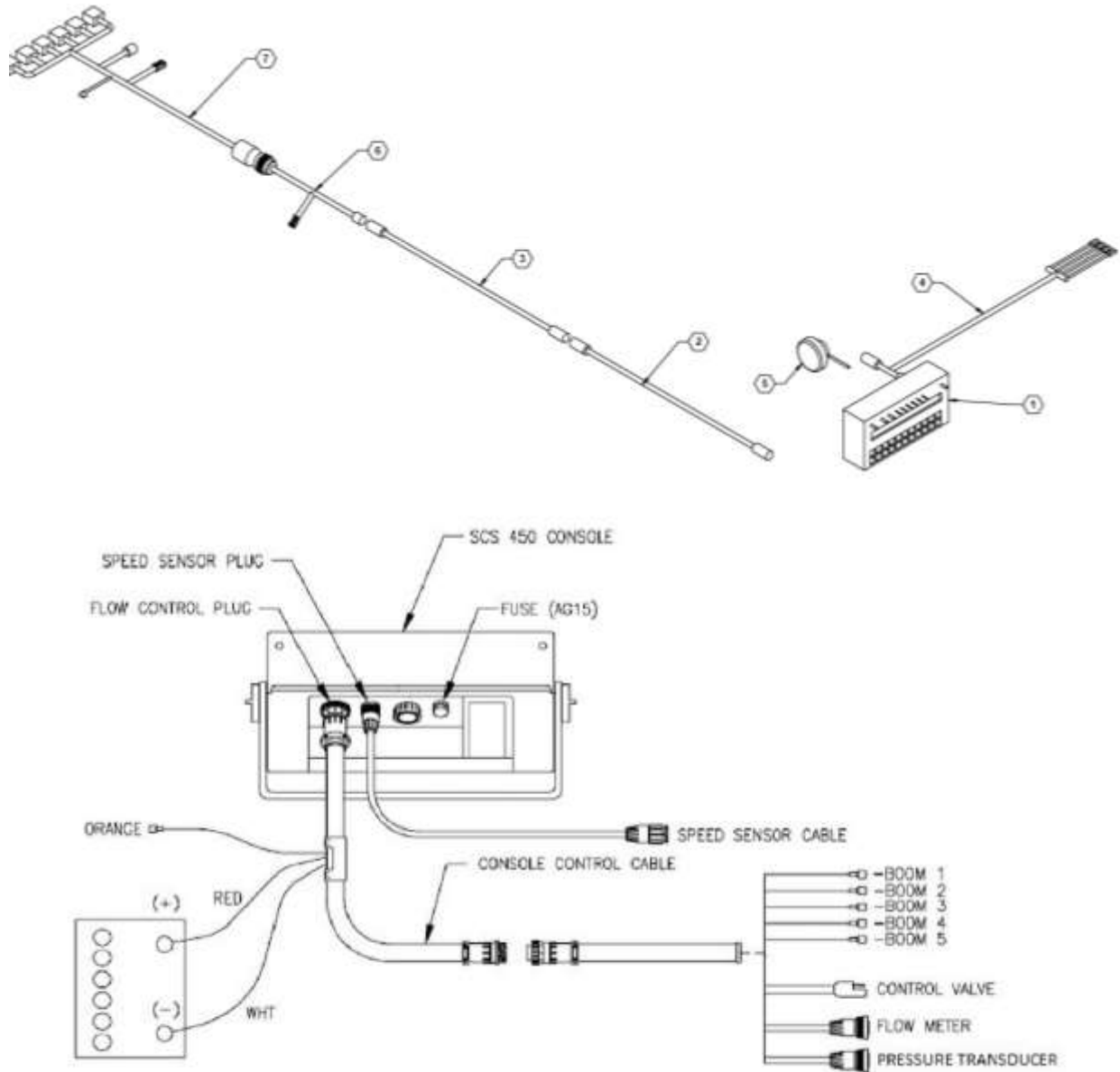
Control Harness 115-0159-856



Control Harness 115-0171-086



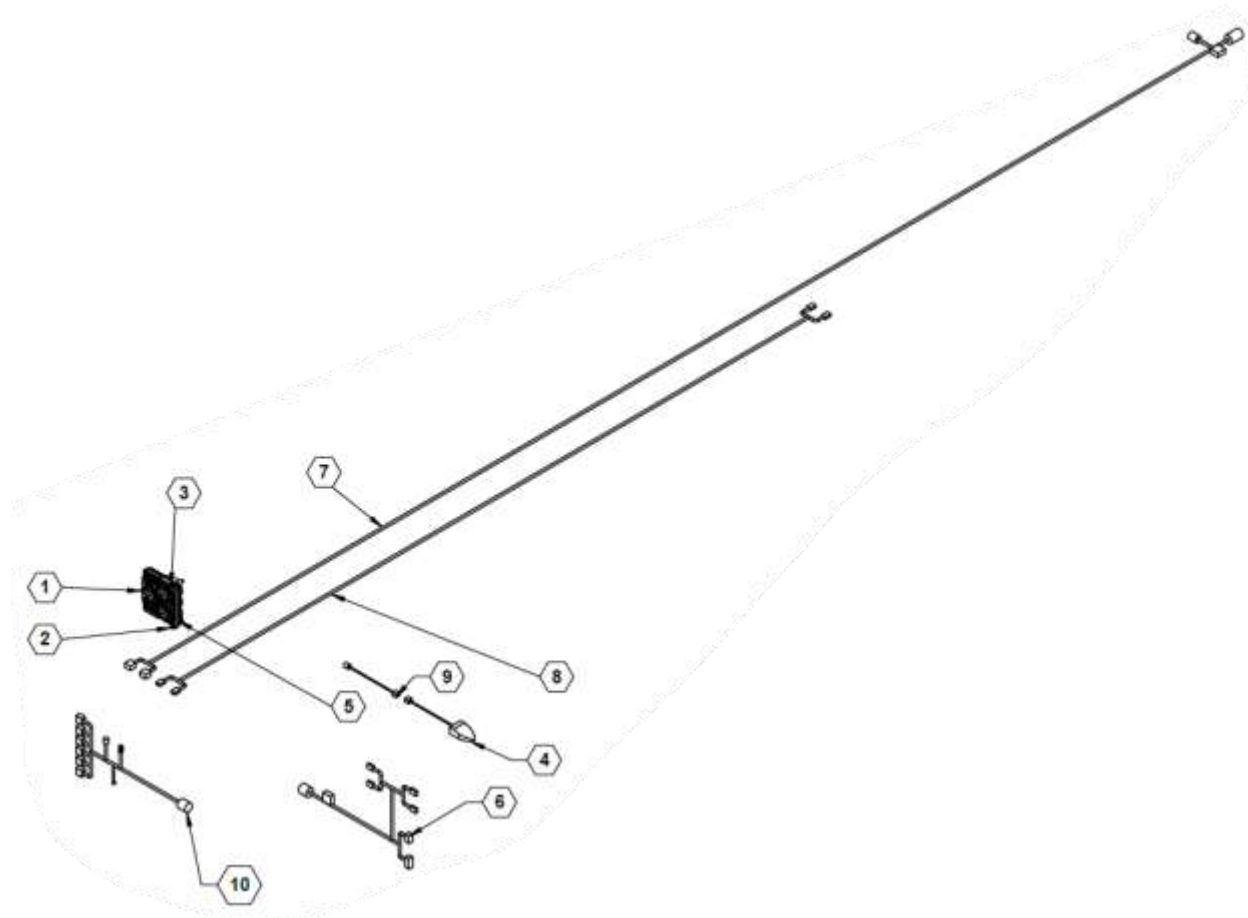
Raven 450 Rate Controller



Parts List 35742 / 47PSCS450FC: Raven 450 Rate Controller

ITEM	PART NO.	QTY.	DESCRIPTION
1	631803	1	RAVEN SCS450 CONTROLLER
2	631814	1	CABLE, 6 BOOM 12' EXTENSION
3	631815	1	CABLE, 6 BOOM 24' EXTENSION
4	631818	1	CABLE 10' CONSOLE 7 BOOM SCS 440/4
5	631832	1	SKYTRAK GPS SPEED SENSOR
6	632080	1	6 SECTION 6' FINAL CABLE
6	632028	1	47 PIN TO 16 PIN ADAPTER
7	632080	1	6 SECTION APP FINAL HARNESS

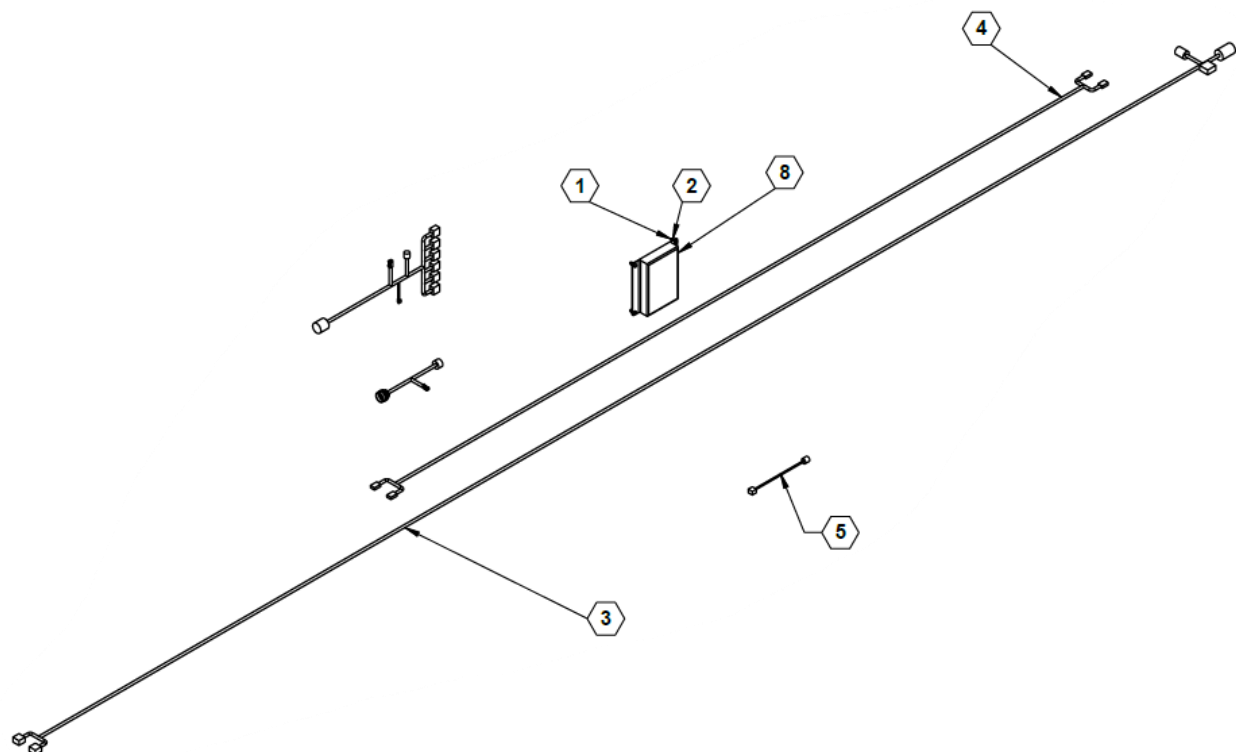
Raven RCM Rate Controller



Parts List 35678 / 47PRCMFC: Raven RCM Rate Controller

ITEM	PART NO.	QTY.	DESCRIPTION
1	596105M	1	BOLT, HH 1/4-20X2-1/2 GR5 MAGNI
2	596110M	2	BOLT, HH 1/4-20 X 3 MAGNI
3	596235M	3	NUT, CENTERLOCK, 1/4-20 MAGNI
4	631856	1	FOOTSWITCH, ISO PRODUCT CONTROL
5	632010	1	RAVEN RCM
6	632029	1	47 PIN RATE CTRL INTERFACE CABLE
7	632051	1	IBIC TO GEN 1 ISO 24'
8	632055	1	CABLE, 17' EXTENSION GEN 1 ISO
9	632061	1	CABLE, FOOTSWITCH, 12' ROW CROP TRACTOR
10	632080	1	6 SECTION 6' FINAL CABLE

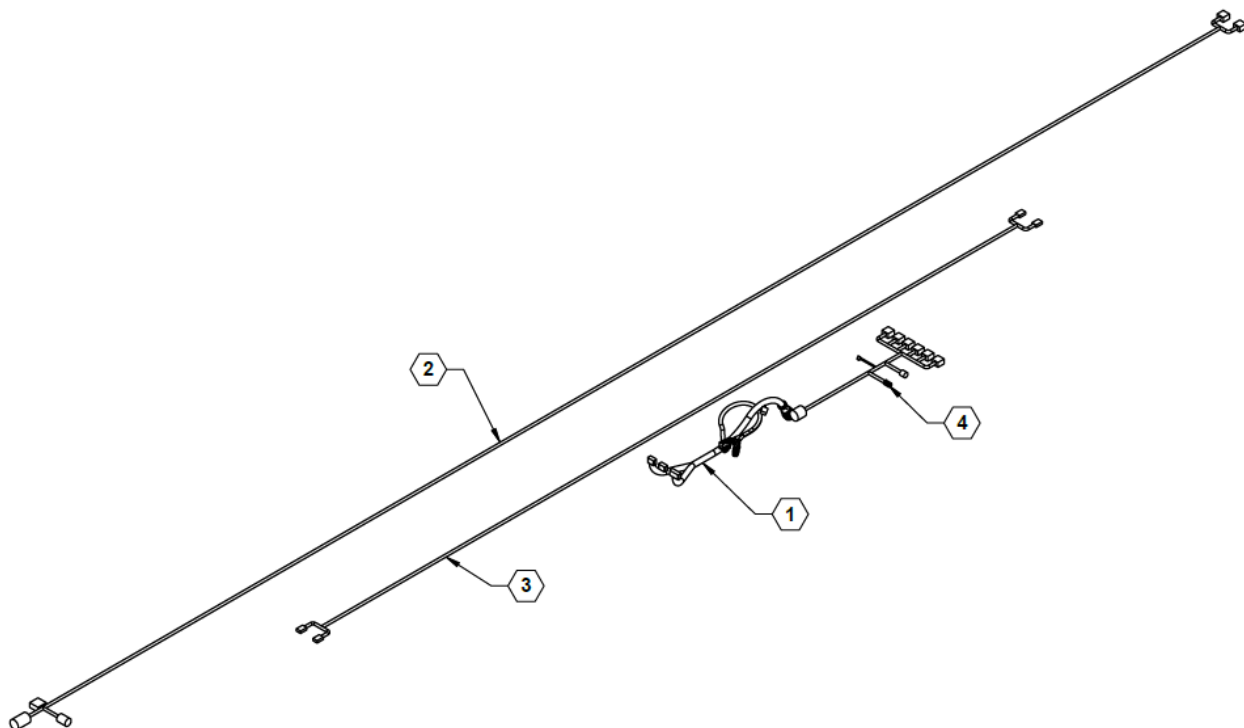
Greenstar Rate Controller



Parts List 35679 / 47PJDRFCFC: Greenstar Rate Controller

ITEM	PART NO.	QTY.	DESCRIPTION
1	596128M	4	BOLT, HH 3/8-16 X 1 GR5 MAGNI
2	596237M	6	NUT, CENTERLOCK 3/8-16 MAGNI
3	632051	1	IBIC TO GEN 1 ISO 24'
4	632055	1	CABLE, 17' EXTENSION GEN 1 ISO
5	632061	1	CABLE, FOOTSWITCH, 12' CROP TRACTOR
6	632070	1	37 TO 47 PIN ADAPTER CABLE
7	632080	1	6 SECTION 6' FINAL CABLE
8	632145	1	JD GREENSTAR RATE CONTROLLER

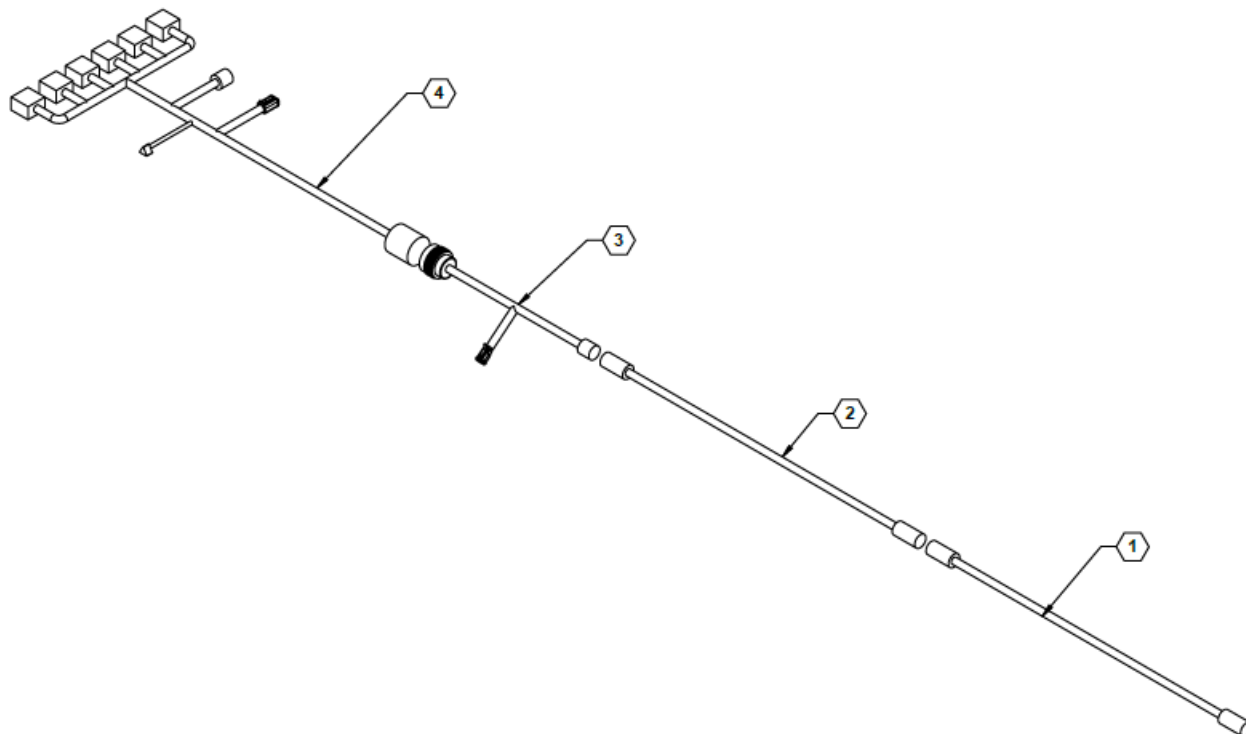
Customer Supplied RCM/RC2000



Parts List 35741 / 47PCSRCFC: Customer Supplied RCM/RC2000

ITEM	PART NO.	QTY.	DESCRIPTION
1	632029	1	47 PIN RATE CTRL INTERFACE CABLE
2	632051	1	IBIC TO GEN 1 ISO 24'
3	632055	1	CABLE, 17' EXTENSION GEN 1 ISO
4	632080	1	6 SECTION APP FINAL HARNESS

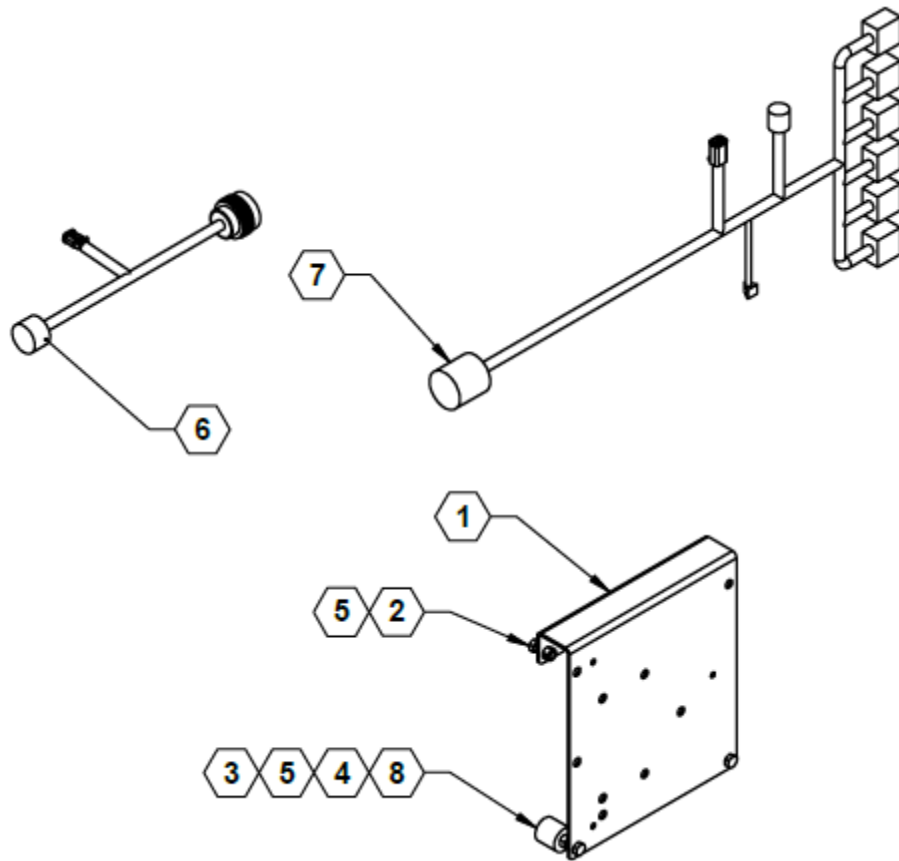
Customer Supplied Raven 450



Parts List 35743 / 47PCS450FC: Customer Supplied Raven 450

ITEM	PART NO.	QTY.	DESCRIPTION
1	631814	1	CABLE, 6 BOOM 12' EXTENSION
2	631815	1	CABLE, 6 BOOM 24' EXTENSION
3	632028	1	47 PIN TO 16 PIN ADAPTER
4	632080	1	6 SECTION APP FINAL HARNESS

Customer Supplied JD Greenstar

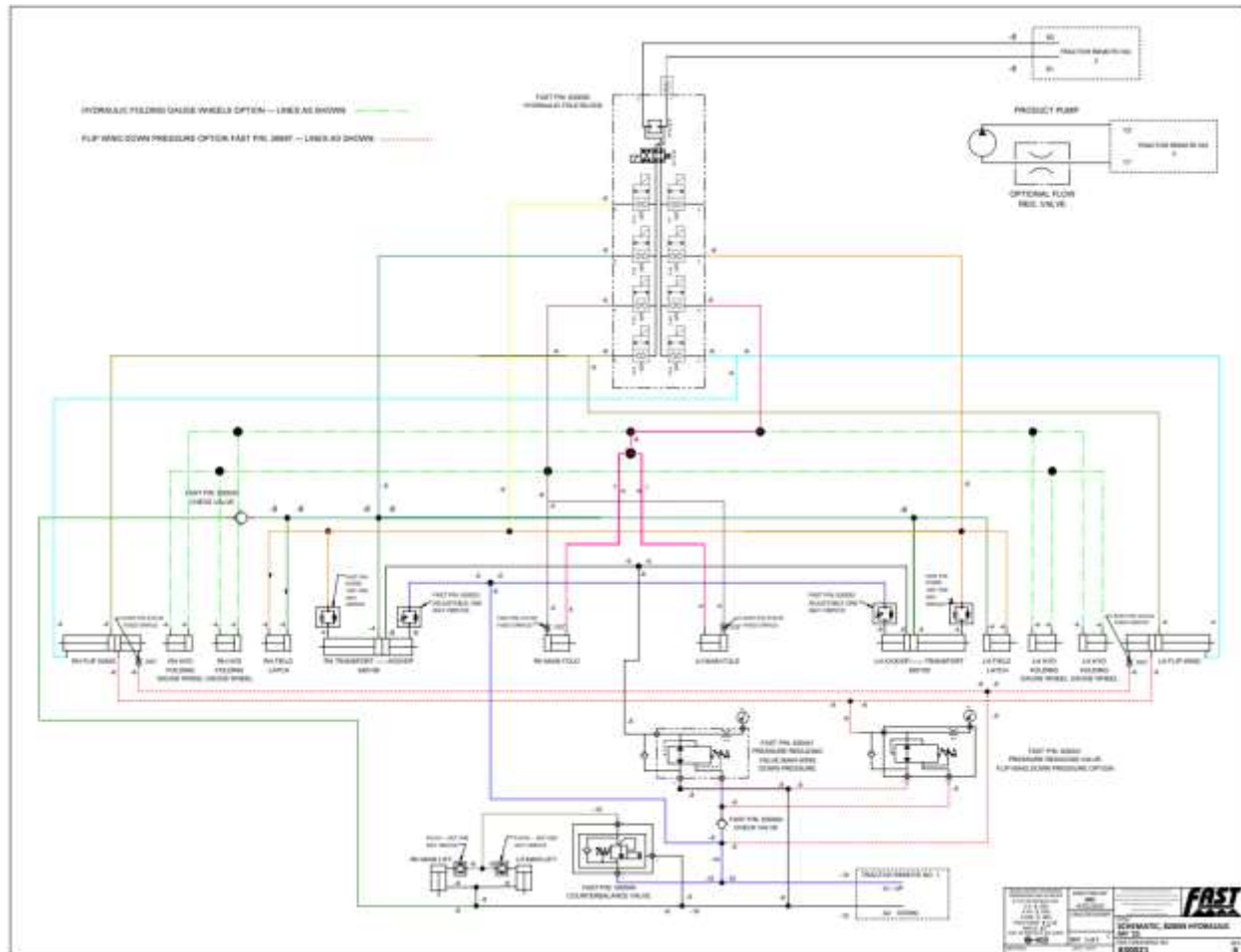


Parts List 35404 / 35744 / 47PCSJDGSFC: Customer Supplied JD Greenstar

ITEM	PART NO.	QTY.	DESCRIPTION
1	15813	1	PLATE, FORMED MOUNT
2	596128M	2	BOLT, HH 3/8-16 X 1 GR5 MAGNI
3	596129M	2	BOLT, HH 3/8-16 X 1-1/2 GR5 MAGNI
4	596213M	2	NUT HEX 3/8-16 MAGNI
5	596237M	4	NUT, CENTERLOCK 3/8-16 MAGNI
NS	632051	1	IBIC TO GEN 1 ISO 24'
NS	632055	1	CABLE, 17' EXTENSION GEN 1 ISO
6	632070	1	37 TO 47 PIN ADAPTER CABLE
7	632080	1	6 SECTION 6' FINAL CABLE
8	750050	2	BUMPER, EBCO

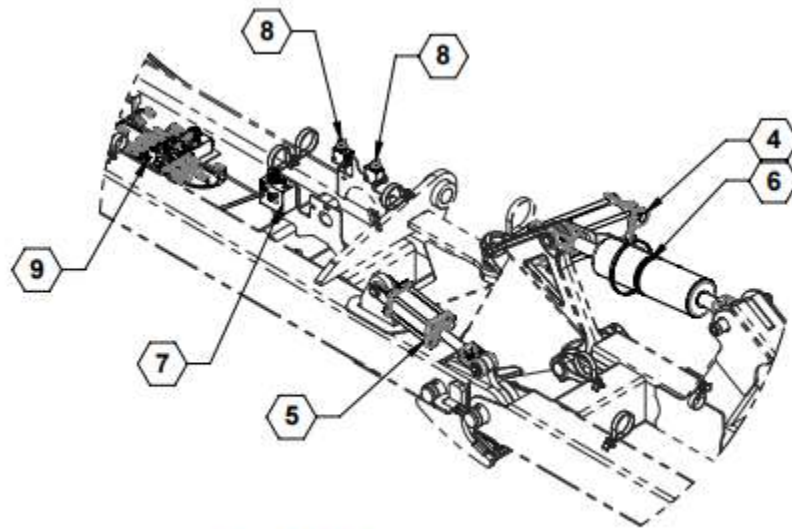
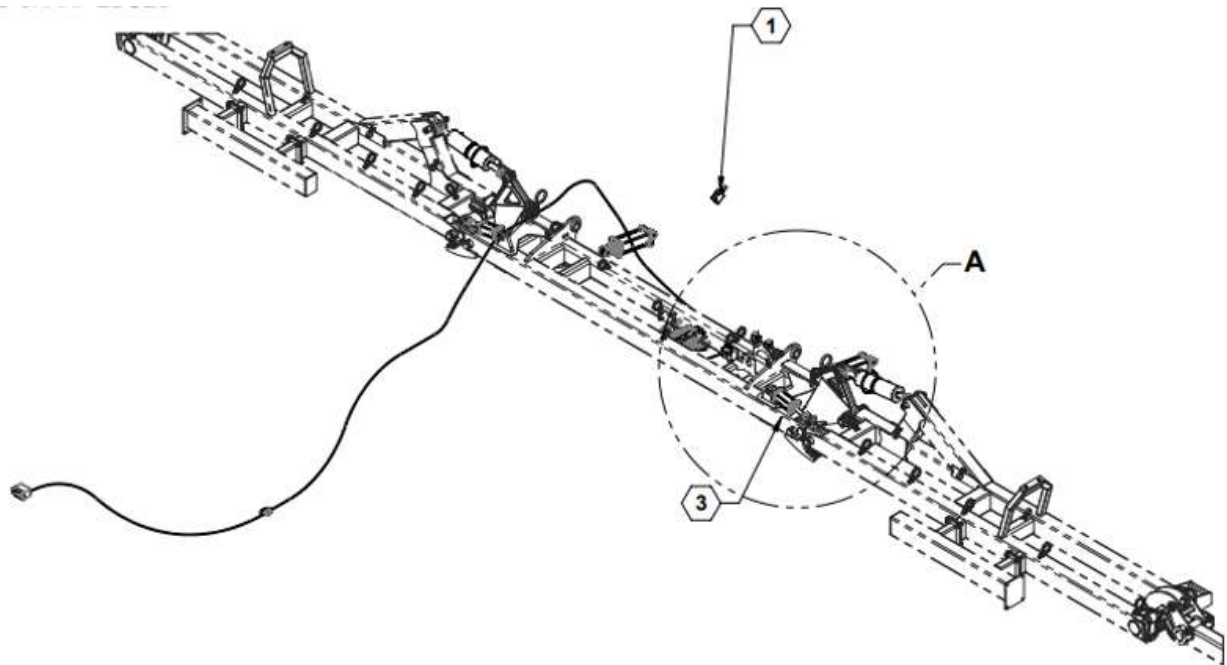
HYDRAULICS

Hydraulic Diagram (830021)



See file copy hosted at: [830021.pdf](#)

Base Hydraulics



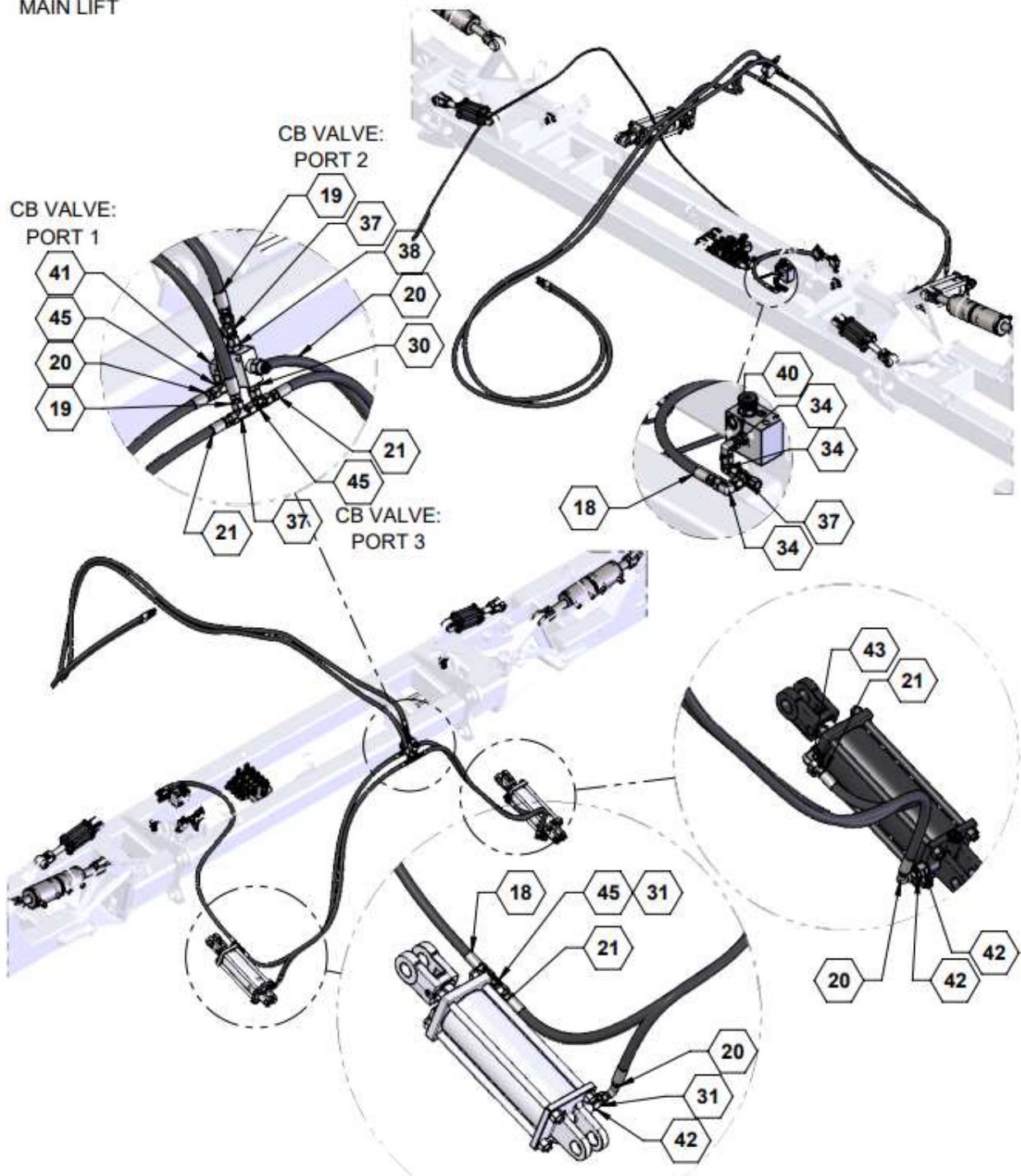
DETAIL A

Parts List 38070: Base Hydraulics

ITEM	PART NO.	QTY.	DESCRIPTION
1	500049	1	VALVE, COUNTERBALANCE, SAE -10
2	600149	1	KIT, BASE HYDRAULIC HOSE
3	620028	2	CYLINDER, 3" X 12" 1-1/4" ROD
4	620073	2	CYLINDER, 40THC10.00-150
5	620105	2	CYLINDER, 3"X 4" X 1.25 ROD TIE ROD
6	620109	2	CYL, 4.5" BORE X 1.75" ROD X 4.45" & 3.29" STROKE
7	630041	1	MANIFOLD, HYDRAULIC DOWN PRESSURE
8	630053	2	VALVE ASSEMBLY, FA101, PRESSURE COMP FLOW CONTROL
9	630075	1	ASSY, HYD VLV SWTCH BOX KIT
10	610095	2	.093 ORIFICE FITTING

Main Lift

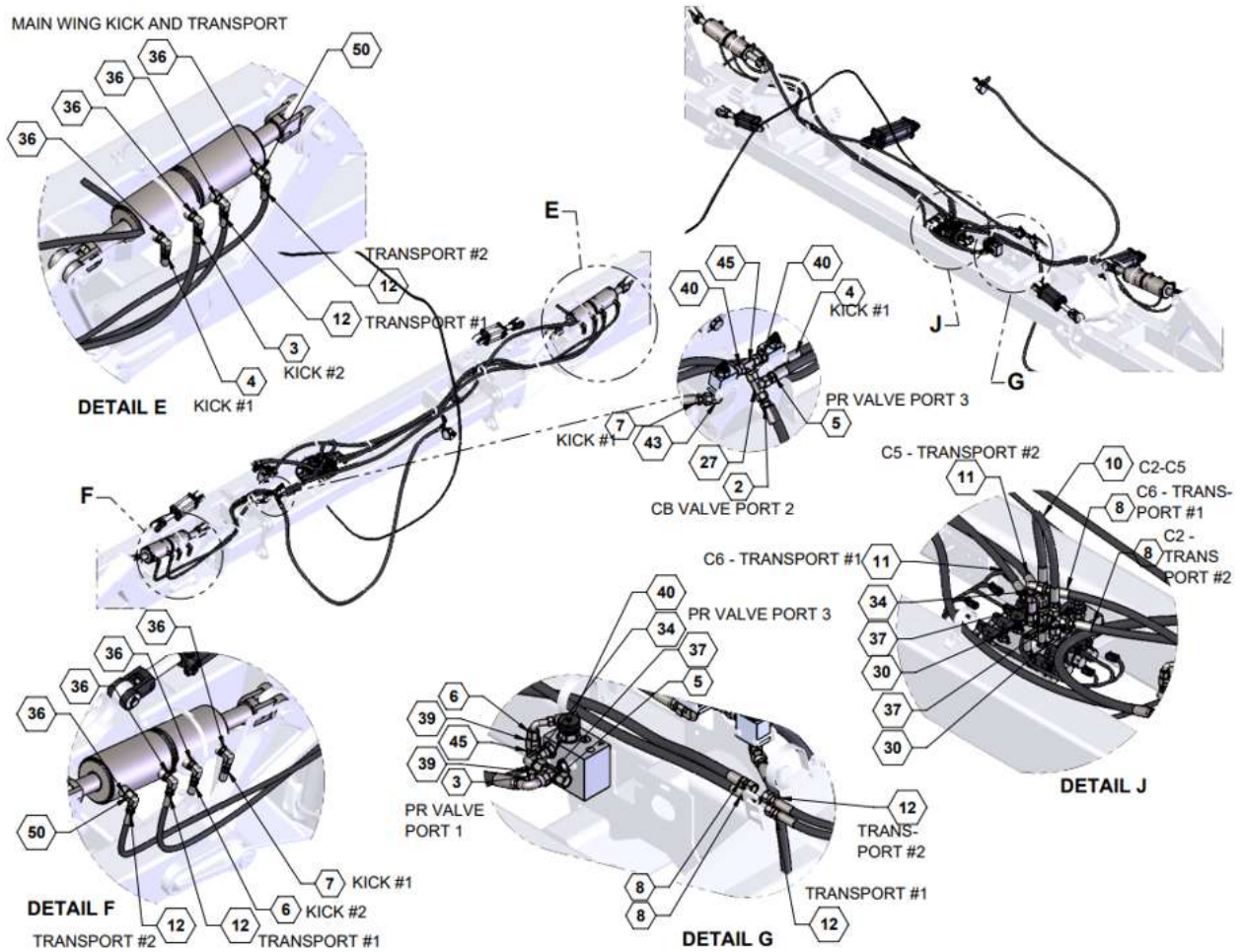
MAIN LIFT



Parts List 600149: Main Lift

ITEM	PART NO.	QTY.	DESCRIPTION
-	620073	2	CYLINDER, 40THC10.00-150
18	600149-21-ZN	2	HOSE ASSY, 10-8FJX-8MORB-200
19	600149-22-ZN	2	HOSE ASSY, 08-8FJX-8FJX90-79
20	600149-23-ZN	2	HOSE ASSY, 08-8FJX-8FJX-85
21	600149-24-ZN	1	HOSE ASSY, 04-6FJX90-6FJX-47
30	610011	3	JIC #6 TO ORING #8
31	610012	4	JIC #8 TO ORING #6
34	610023	4	ADAPTER, -6MJIC X -6FJX 90
37	610030	18	ADAPTER, -6MJIC X -8MORB90
38	610053	7	JIC #8 SWIVEL RUN TEE
40	610072	2	ADAPTER, -8FJIC X -6MJIC
41	610083	4	ADAPTER, -8MORB X -8FJX
42	610086	2	JIC #8 TO O-RING #10 ELBOW 90°
43	610095	2	.093 ORIFICE FITTING
45	610102	1	ADAPTER, -10MJIC X -10MORB90

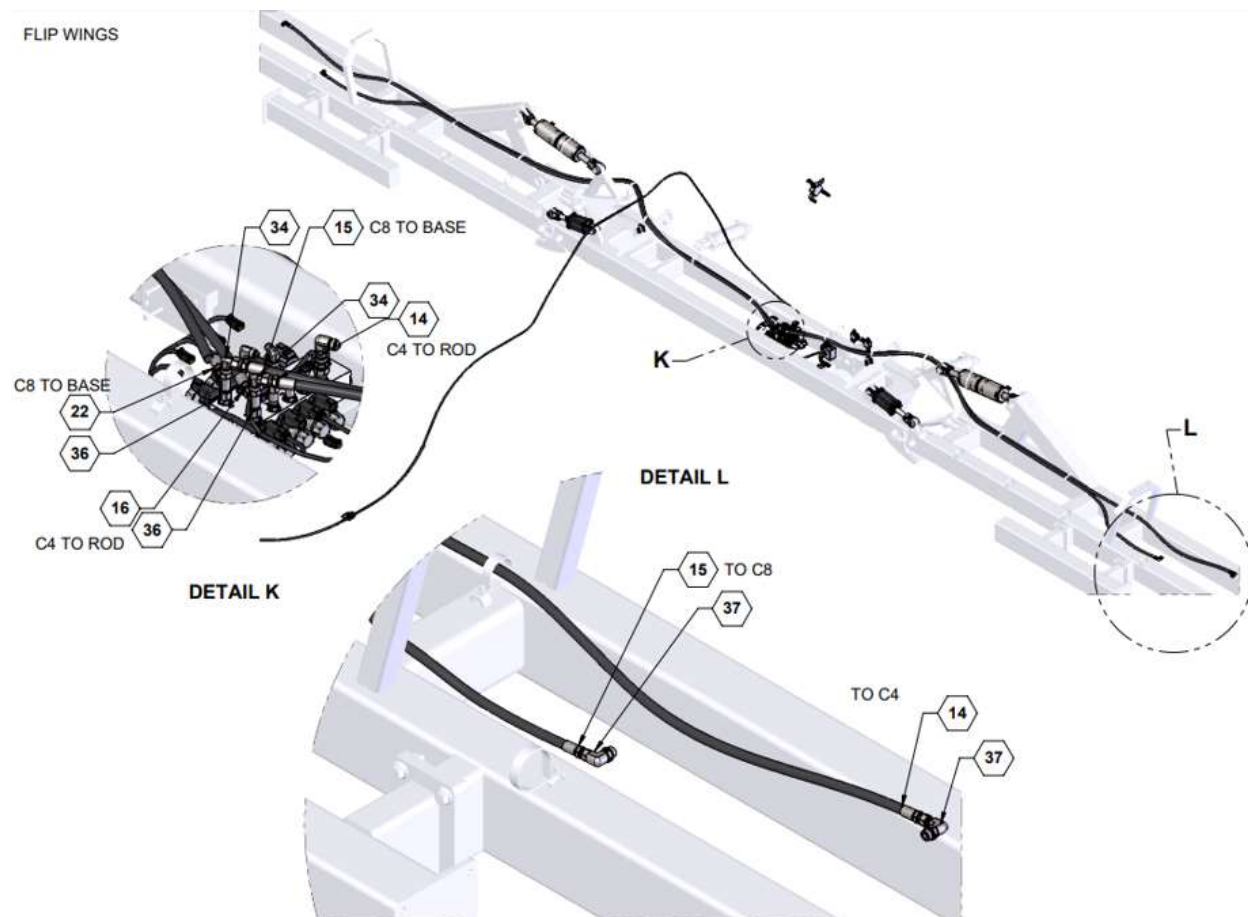
Main Wing Kick & Transport



Parts List 600149: Main Wing Kick & Transport

ITEM	PART NO.	QTY.	DESCRIPTION
-	620109	2	CYL, 4.5" BORE X 1.75" ROD X 4.45" & 3.29" STROKE
2	600149-2-ZN	1	HOSE ASSY, 08-8FJX-8FJX-121
3	600149-3-ZN	1	HOSE ASSY, 06-6FJX-6FJX90-151
4	600149-4-ZN	1	HOSE ASSY, 06-6FJX-8FJX-153
6	600149-6-ZN	1	HOSE ASSY, 06-6FJX-6FJX90-79
7	600149-7-ZN	1	HOSE ASSY, 06-6FJX-8FJX-58
8	600149-8-ZN	2	HOSE ASSY, 06-6FJX-8FJX-41
9	600149-9-ZN	2	HOSE ASSY, 08-8FJX-8MORB-310
10	600149-11-ZN	1	HOSE ASSY, 06-8FJX-8FJX-21
11	600149-12-ZN	2	HOSE ASSY, 06-6FJX-8FJX-63
12	600149-13-ZN	4	HOSE ASSY, 04-6FJX-6FJX-70
27	600149-30-ZN	1	HOSE ASSY, 04-6FJX-6FJX-85
28	610004	1	JIC #8 UNION TEE
29	610010	2	ADAPTER, -6MJIC X -6MORB
30	610011	3	JIC #6 TO ORING #8
34	610023	4	ADAPTER, -6MJIC X -6FJX 90
35	610024	7	JIC #8 90 DEG
36	610027	4	JIC #6 RUN TEE
37	610030	18	ADAPTER, -6MJIC X -8MORB90
38	610053	7	JIC #8 SWIVEL RUN TEE
39	610060	3	JIC #8 TO ORING #10
40	610072	2	ADAPTER, -8FJIC X -6MJIC
41	610083	4	ADAPTER, -8MORB X -8FJX
42	610086	2	JIC #8 TO O-RING #10 ELBOW 90°
43	610095	2	.093 ORIFICE FITTING
44	610097	3	ADAPTER, -8MJIC X -8MORB90
45	610102	1	ADAPTER, -10MJIC X -10MORB90
46	610107	5	#8 JIC SWIVEL BRANCH TEE
47	610140	2	JIC #6 TO FJIC #6 X .031"
48	610155	4	#6 JIC BULKHEAD TEE
49	610191	2	.063 REVERSIBLE ORIFICE FITTING
50	610203	1	#8 JIC SWIVEL ELBOW 45 DEG
51	630054	1	CHECK VALVE, -8MJIC x -8FJIC

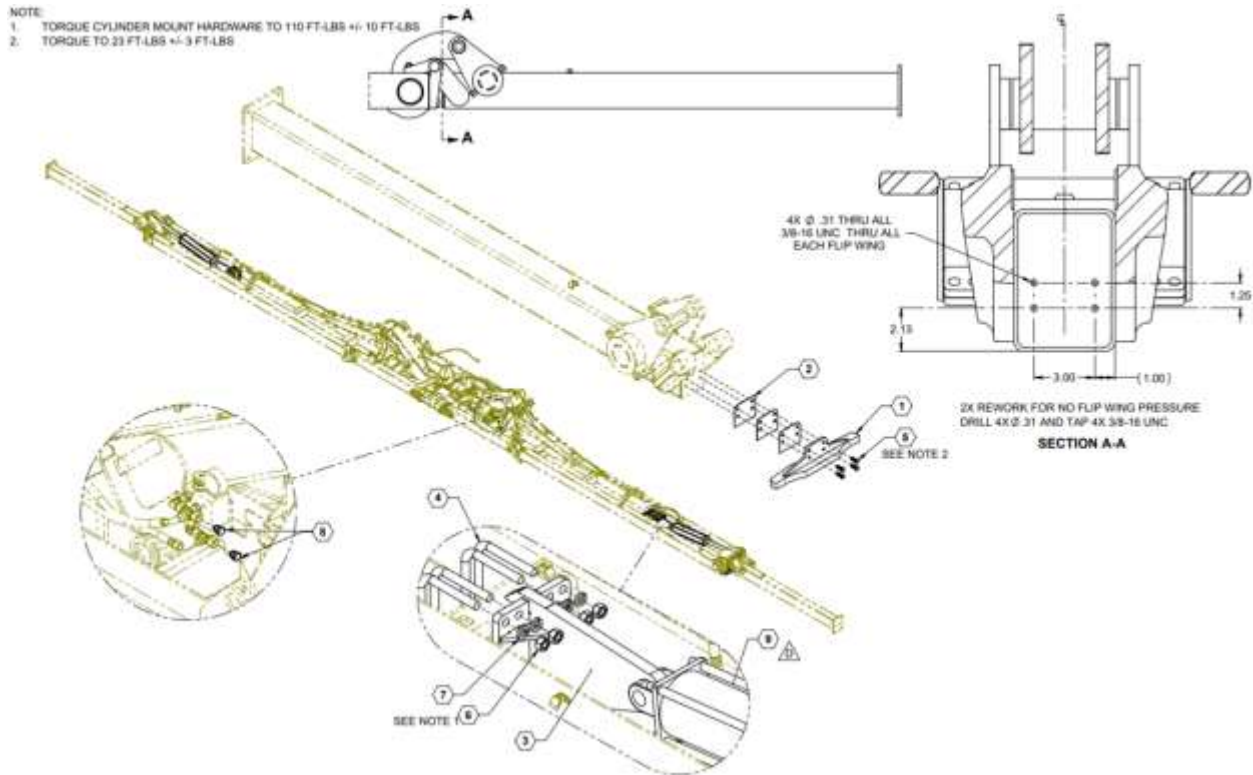
Flip Wings



Parts List 600149: Flip Wings

ITEM	PART NO.	QTY.	DESCRIPTION
14	600149-17-ZN	1	HOSE ASSY, 06-6FJX-6FJX-207
15	600149-18-ZN	1	HOSE ASSY, 06-6FJX-6FJX-185
16	600149-19-ZN	1	HOSE ASSY, 06-6FJX-6FJX-237
22	600149-25-ZN	1	HOSE ASSY, 06-6FJX-6FJX-212
34	610023	4	ADAPTER, -6MJIC X -6FJX 90
36	610027	4	JIC #6 RUN TEE
37	610030	18	ADAPTER, -6MJIC X -8MORB90

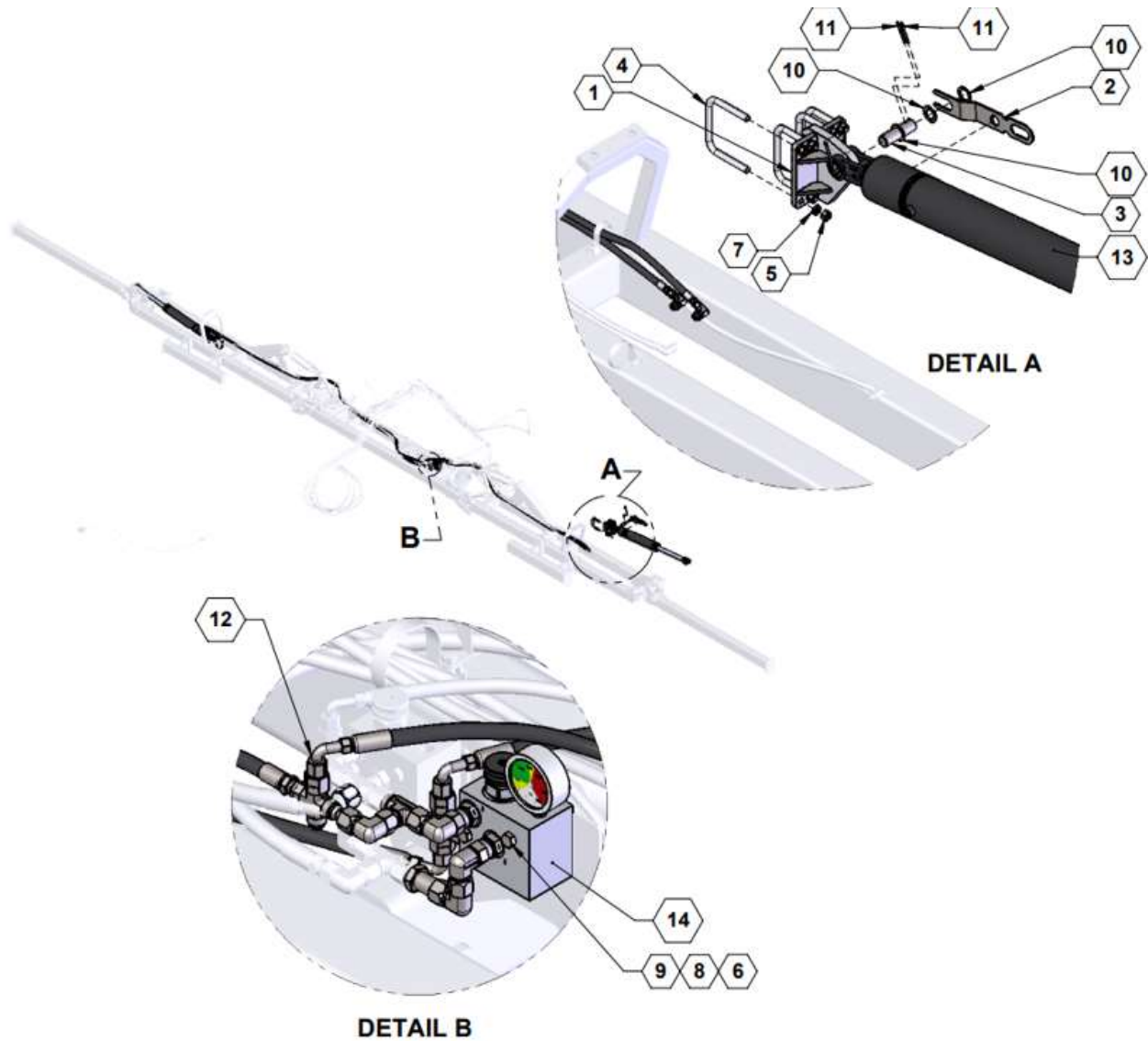
No Flip Wing Down Pressure Option



Parts List 26993: No Flip Wing Down Pressure Option

ITEM	PART NO.	QTY.	DESCRIPTION
1	26932	2	WLD MNT, FLIP WING STOP
2	26933	6	PLATE, FLIP STOP SHIM
3	27077	2	WLD MNT, CYL MNT A SERIES NO FLIP WING DOWN PRESSURE
4	590075	8	U-BOLT, 5/8 X 6 X 4 MAGNI
5	596128M	8	BOLT, HH 3/8-16 X 1 GR5 MAGNI
6	596216M	16	NUT, HEX 5/8-11 MAGNI
7	596253M	16	LOCKWASHER 5/8 MAGNI
8	610145	2	#8 JIC PLUG
9	620101	2	CYLINDER, 4.5 X 24" WITH ADI CLEVIS

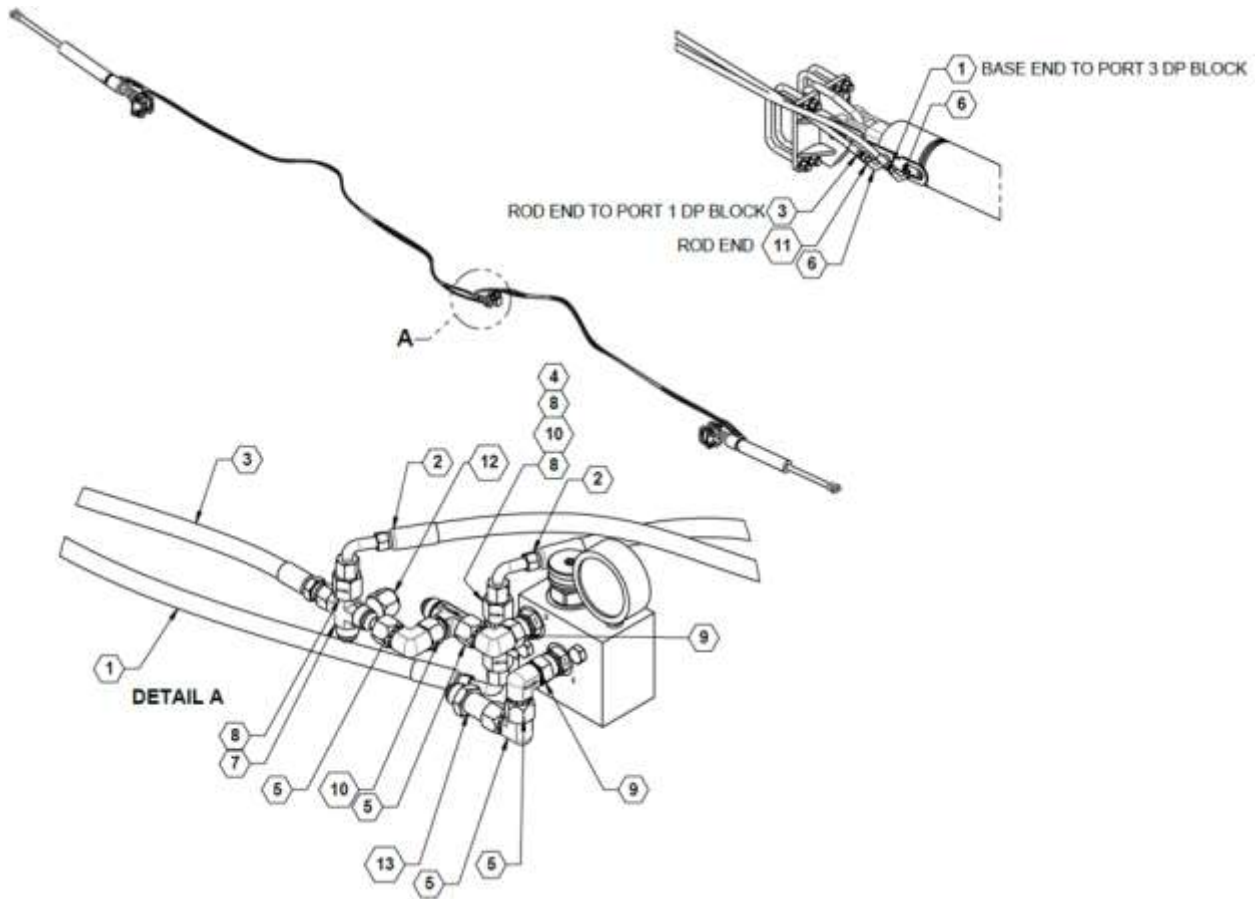
Down Pressure (Kick) Cylinder



Parts List 38065: Down Pressure (Kick) Cylinder

ITEM	PART NO.	QTY.	DESCRIPTION
1	27073	2	WLD MNT, CYL MNT A SERIES FLIP WING DOWN PRESSURE
2	27255	2	PLATE, CYLINDER ANTI ROTATE
3	27256	2	ANTI ROTATE PIN
4	590075	8	U-BOLT, 5/8 X 6 X 4 MAGNI
5	596216M	16	NUT, HEX 5/8-11 MAGNI
6	596237M	2	NUT, CENTERLOCK 3/8-16 MAGNI
7	596253M	16	LOCKWASHER 5/8 MAGNI
8	596258M	2	WASHER, FLAT 3/8 MAGNI
9	596741M	2	BOLT, HH 3/8 X 3-1/4 GR5 MAGNI
10	596744M	8	BUSHING, MACHINE, 1-1/4 x 14 GA MAGNI
11	596808M	6	COTTER PIN, 3/16 X 2" MAGNI
12	600151	1	HOSE KIT, FLIP WING DWNPRSSR
13	620027	2	CYLINDER, 4.5" BORE X 22-1/2" AND 1-13/16" STROKE
14	630041	1	MANIFOLD, HYDRAULIC DOWN PRESSURE
15	790052	1	PRESSURE GAUGE, 3000 PSI

Down Pressure (Kick) Cylinder Hoses & Fittings



Parts List 600151: Down Pressure (Kick) Cylinder Hoses & Fittings

ITEM	PART NO.	QTY.	DESCRIPTION
1	600151-1-ZN	1	HOSE ASSY, 06-6FJX-6FJX90-235
2	600151-2-ZN	2	HOSE ASSY, 06-6FJX-6FJX90-155
3	600151-3-ZN	1	HOSE ASSY, 06-6FJX-6FJX-229
4	610013	1	ADAPTER, -8MJIC X -8MORB
5	610024	4	JIC #8 90 DEG
6	610030	4	ADAPTER, -6MJIC X -8MORB90
7	610071	1	ADAPTER, -8 MJIC UNION CROSS
8	610072	3	ADAPTER, -8FJIC X -6MJIC
9	610083	2	ADAPTER, -8MORB X -8FJX
10	610107	2	#8 JIC SWIVEL BRANCH TEE
11	610140	2	JIC #6 TO FJIC #6 X .031"
12	610144	1	FJIC #8 CAP
13	610146	1	#8 JIC BULKHEAD UNION

Field Latches

FIELD LATCHES

- 600149-1 HOSES COME OFF TEES FROM THE MAIN WING KICK/TRANSPORT CYLINDERS
- BASE END FIELD LATCH TIES TO FASSE C8
- ROD END FIELD LATCH TIES TO FASSE C2

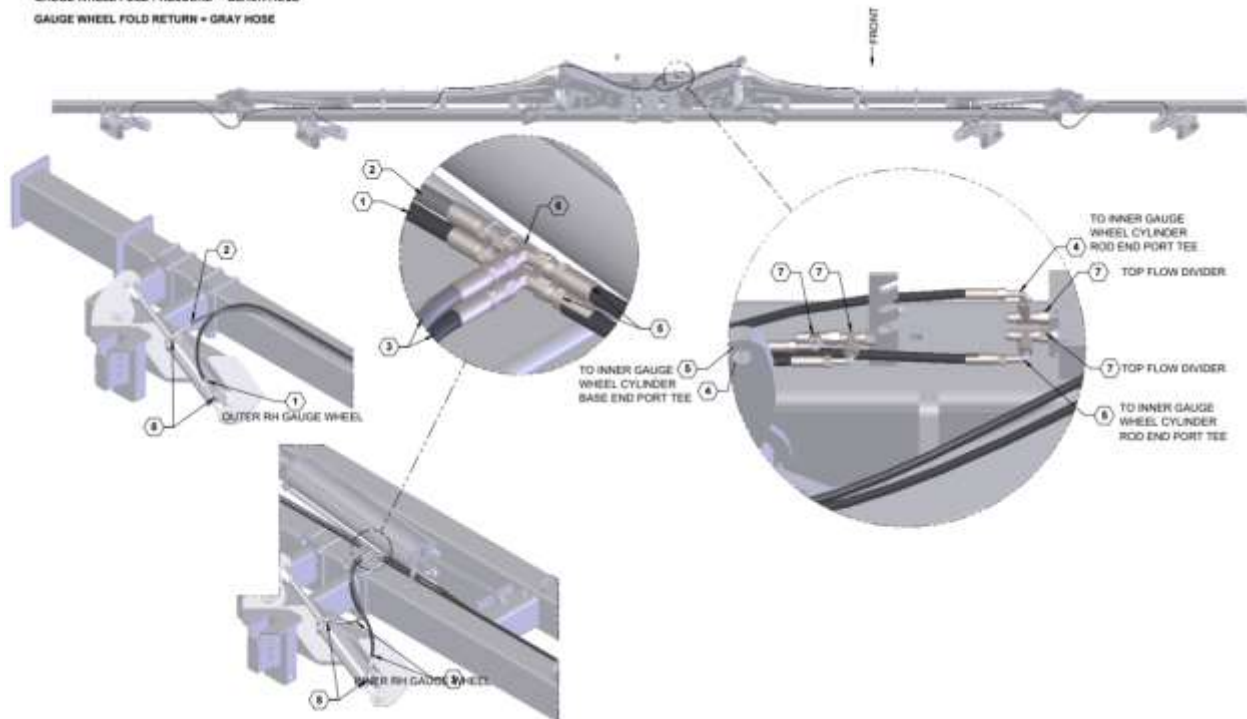


Parts List 600149: Field Latches

ITEM	PART NO.	QTY.	DESCRIPTION
-	620105	2	CYLINDER, 3"X 4" X 1.25 ROD TIE ROD
1	600149-1-ZN	4	HOSE ASSY, 04-6FJX-6FJX-27
37	610030	18	ADAPTER, -6MJIC X -8MORB90

Folding Gauge Wheel Hydraulic Base

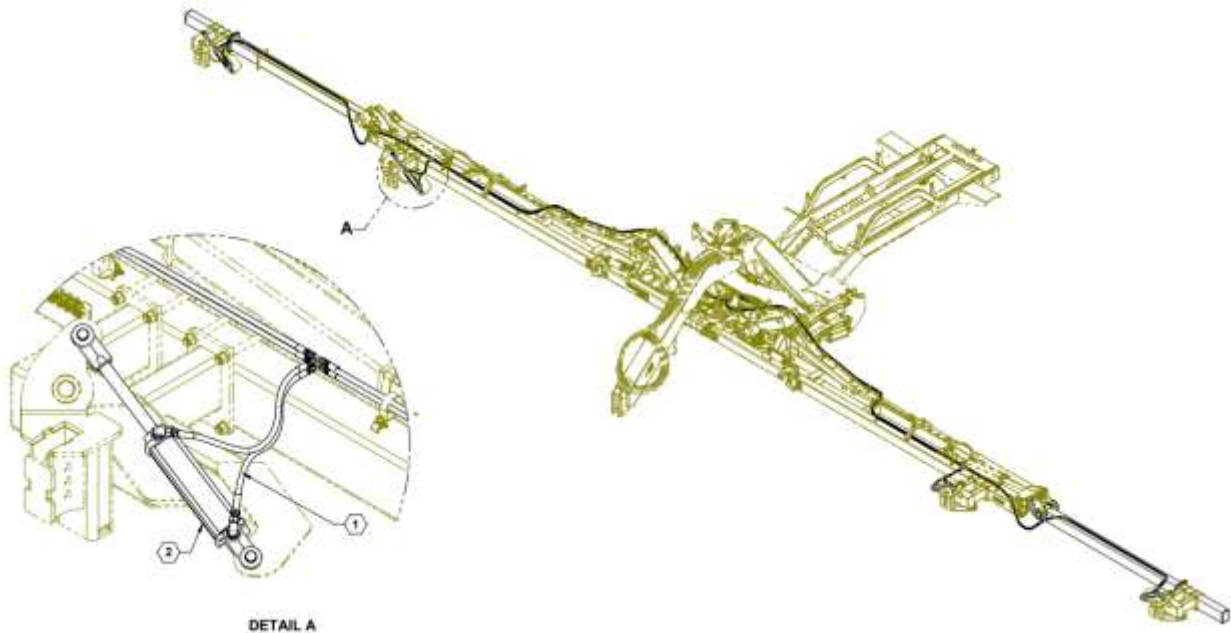
GAUGE WHEEL FOLD PRESSURE = BLACK HOSE
GAUGE WHEEL FOLD RETURN = GRAY HOSE



Parts List 600153: Folding Gauge Wheel Hydraulic Base

ITEM	PART NO.	QTY.	DESCRIPTION
1	600101-1	2	HOSE ASSY, 04-6FJX-4FJX-146
2	600101-2	2	HOSE ASSY, 04-6FJX-4FJX-138
3	600101-4	4	HOSE ASSY, 04-6FJX-4FJX-27
4	600153-1	2	HOSE ASSY, 04-6FJX90-4FJX-236
5	600153-2	2	HOSE ASSY, 04-6FJX90-4FJX-198
6	610003	4	JIC #4 UNION TEE
7	610027	4	JIC #6 RUN TEE
8	610030	8	ADAPTER, -6MJIC X -8MORB90

Folding Gauge Wheel Hydraulics, 66'

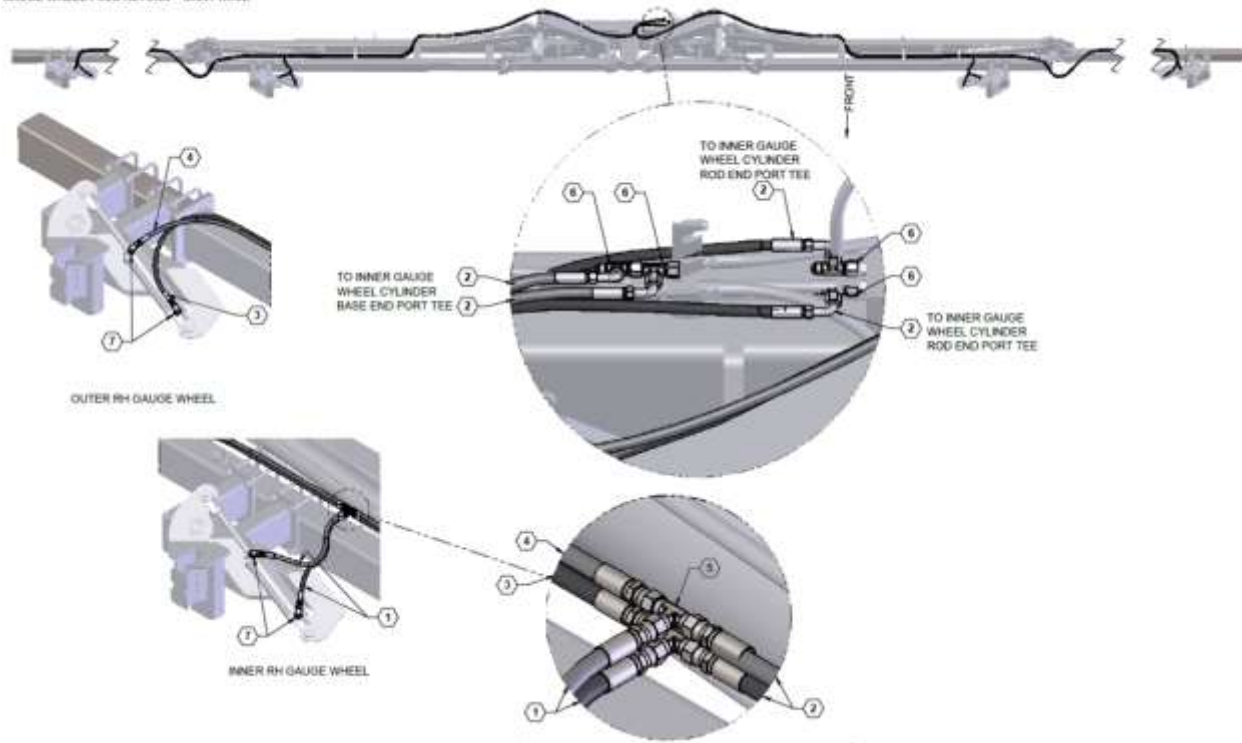


Parts List 27062: Folding Gauge Wheel Hydraulics, 66'

ITEM	PART NO.	QTY.	DESCRIPTION
1	600104	1	66FT FOLDING GAUGE WHL KIT
2	620023	4	CYLINDER, 25TD08-112

Folding Gauge Wheel Hydraulics, 66' Hoses and Fittings

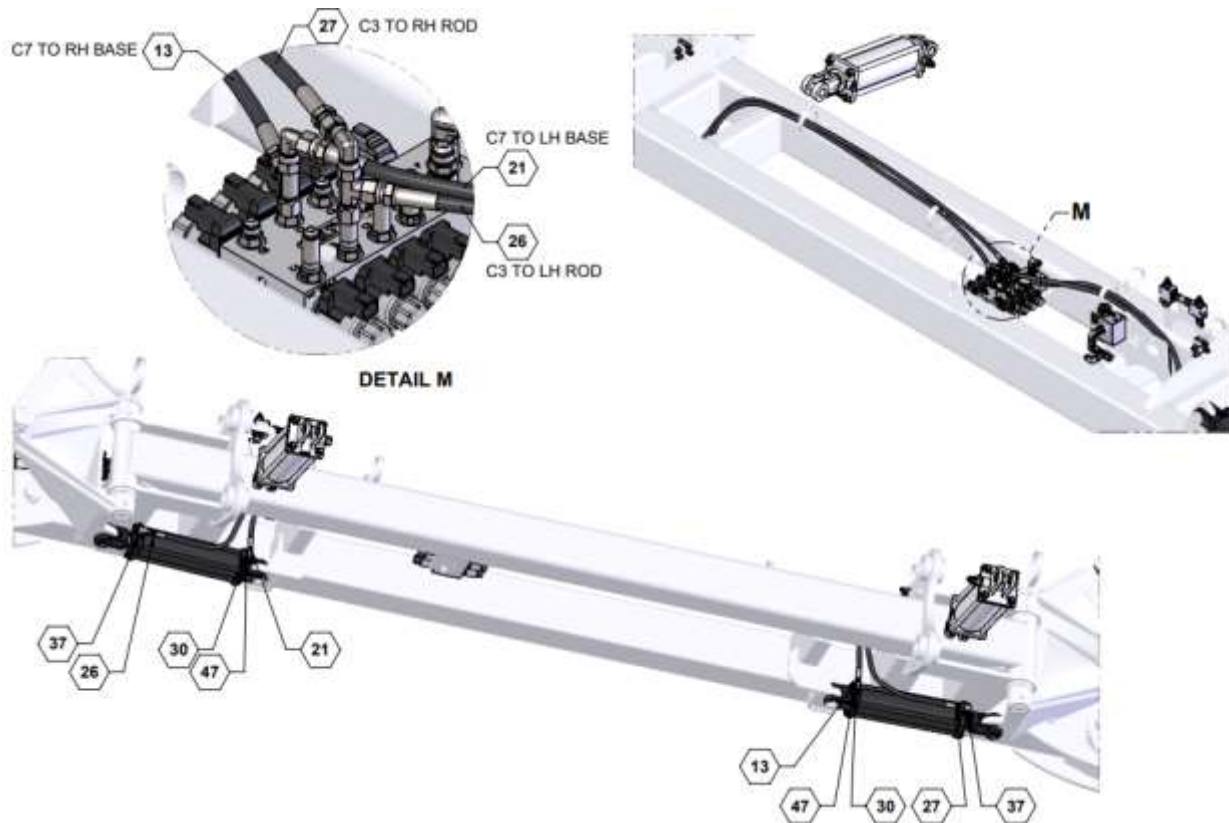
GAUGE WHEEL FOLD PRESSURE = BLACK HOSE
GAUGE WHEEL FOLD RETURN = GRAY HOSE



Parts List 600104: Folding Gauge Wheel Hydraulics, 66' Hoses and Fittings

ITEM	PART NO.	QTY.	DESCRIPTION
1	600101-4	4	HOSE ASSY, 04-6FJX-4FJX-27
2	600101-5	4	HOSE ASSY, 04-6FJX90-4FJX-248
3	600104-1	2	HOSE ASSY, 04-6FJX-4FJX-190
4	600104-2	2	HOSE ASSY, 04-6FJX-4FJX-182
5	610003	4	JIC #4 UNION TEE
6	610027	4	JIC #6 RUN TEE
7	610030	8	ADAPTER, -6MJIC X -8MORB90

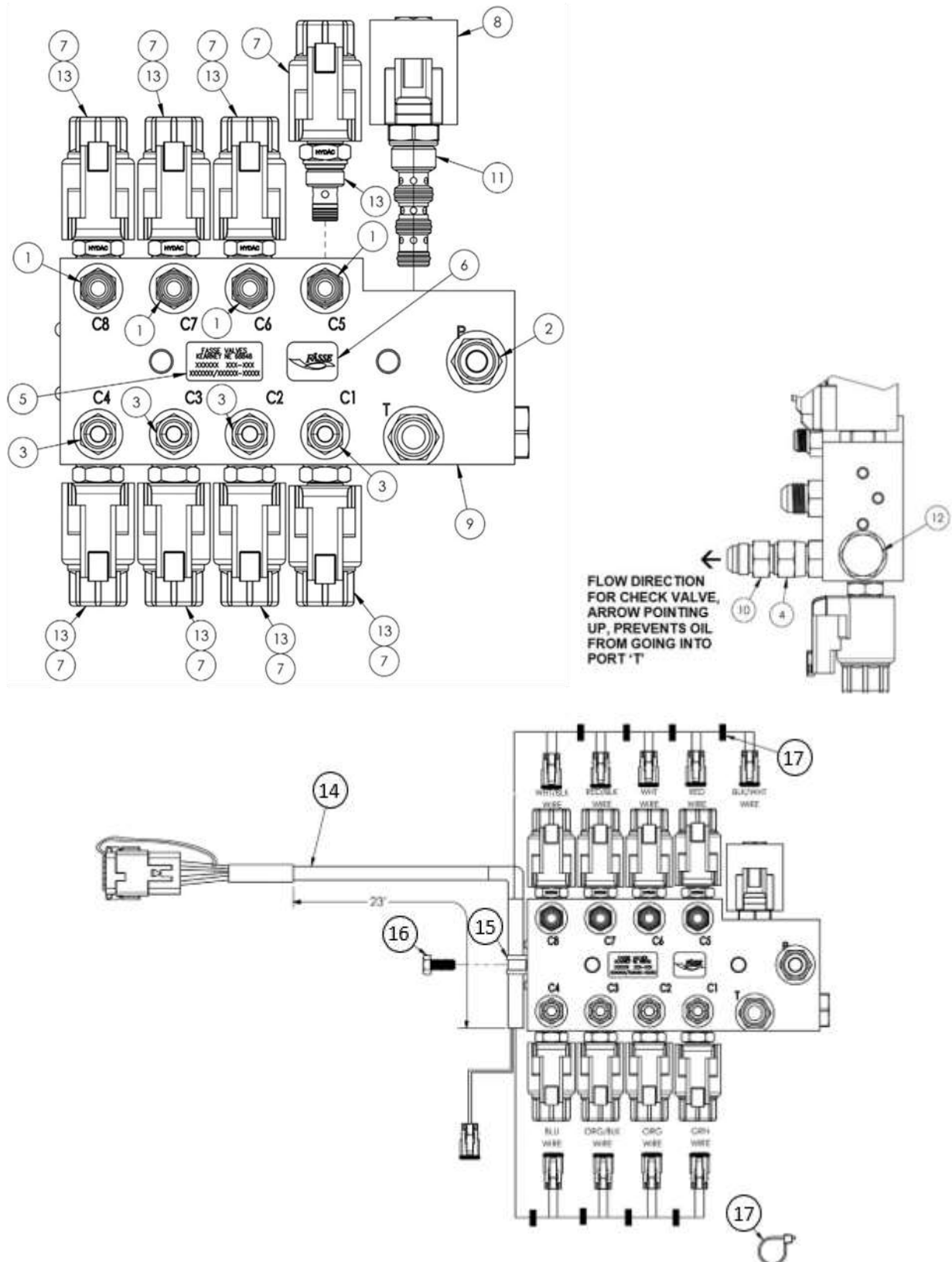
Fasse Block & Main Fold



Parts List 600149: Fasse Block & Main Fold

ITEM	PART NO.	QTY.	DESCRIPTION
-	620028	2	CYLINDER, 3" X 12" 1-1/4" ROD
13	600149-14-ZN	1	HOSE ASSY, 04-6FJX90-6FJX-72
21	600149-24-ZN	1	HOSE ASSY, 04-6FJX90-6FJX-47
26	600149-29-ZN	1	HOSE ASSY, 04-6FJX-6FJX-56
27	600149-30-ZN	1	HOSE ASSY, 04-6FJX-6FJX-85
30	610011	3	JIC #6 TO ORING #8
37	610030	18	ADAPTER, -6MJIC X -8MORB90
47	610140	2	JIC #6 TO FJIC #6 X .031"

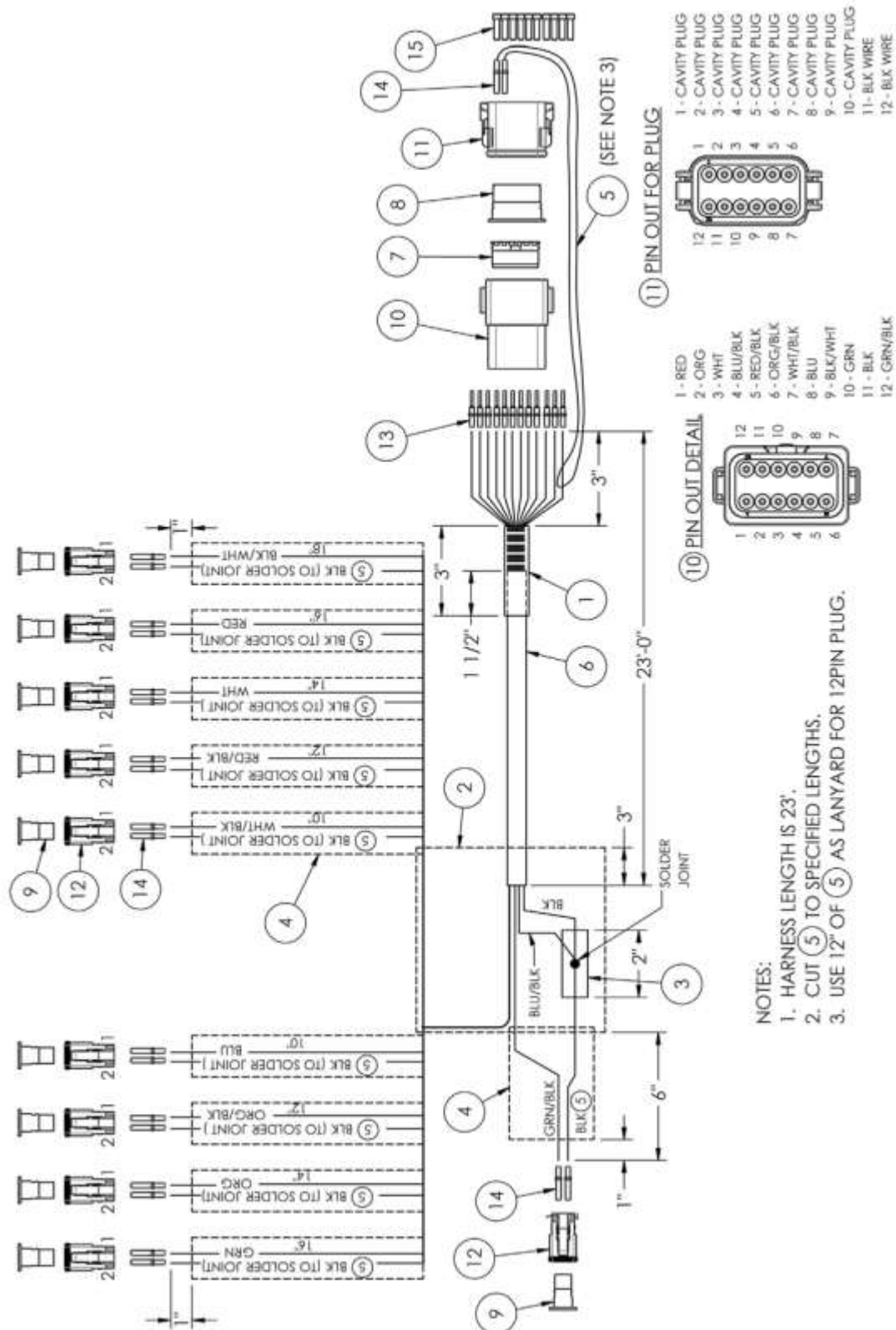
Fasse Hydraulic Controls



Parts List 630075: Fasse Hydraulic Controls

ITEM	PART NO.	VENDOR NO.	QTY.	DESCRIPTION
0	630075		1	ASSY, HYDRAULIC VALVE CAB FOLD BOX KIT
				NOTE: INCLUDES BLOCK, CAB FOLD BOX AND FOLD BOX 12-PIN ELECTRICAL HARNESS.
				NOTE: SEE HYDRAULIC BLOCK ASSEMBLY.
				NOTE: SEE CAB FOLD BOX.
0		302-822	1	HYDRAULIC BLOCK (ITEMS 1-13)
1	610010	210-393	4	FITTING 6400-6-6/S-MJ-MO ZINC NICKEL PLATED
2	610013	210-398	1	FITTING 6400-8-8/S-MJ-MO ZINC NICKEL PLATED
3	610103	210-440	4	FITTING 6400L-6-6/S-MJ-MO ZINC NICKEL PLATED
4	610083	210-441	1	FITTING 6402-8-8/S-MO-FJSW
5		232-050	1	DECAL S/N SILVER
6		232-058	1	DECAL FASSE BLACK/GOLD 1"X.75"
7		253-046	8	COIL HY 03012600 INTG DUET RCPT 12V 1.5A
8		253-421	1	COIL H/F 4301892 D-10 INTG DEUT DTR 12V 1.67A DIODE
9		270-092	1	HYDRAULIC BLOCK S11204-2 4CIR AL BYPASS 804
10	630043	271-040	1	CHECK VALVE VON 1908-8-8/S-MJ-MJ ZINC NICKEL
11		273-008	1	CARTRIDGE H/F SV10-40-0-N-00 SPL 4W 2P
12		273-012	1	CARTRIDGE H/F CP10-20-N CAVITY PLUG 2W
13		273-077	8	CARTRIDGE HY WS08W-01-C-N-0 BI DIR POP 2/2 NC
14	FV304143	304-143	1	12-PIN FASSE BLOCK ELECTRICAL HARNESS
15		255-026	1	LOOM CLAMP .50"ID
16		212-025	1	BOLT 5/16"-18X.75"
17		214-002	11	CABLE TIE BLACK 8.5"

Fasse Block 12-Pin Electrical Harness

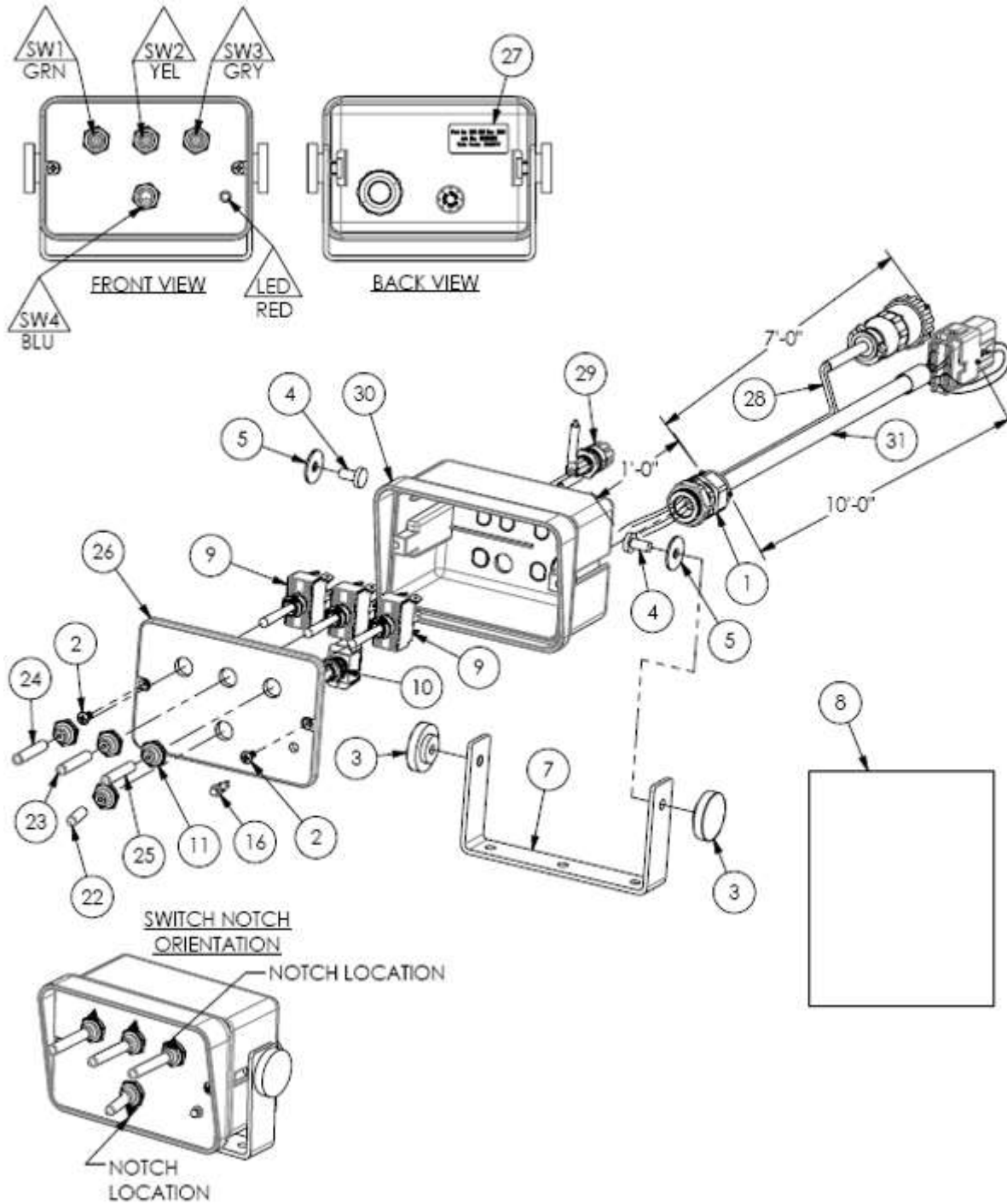


Parts List: Fasse Block 12-Pin Electrical Harness

ITEM	VENDOR NO.	QTY.	DESCRIPTION
0	304-143	1	FASSE VALVE HARNESS
1	231-009	3"	SHRINK TUBING .500" BLACK
2	231-011	6"	SHRINK TUBING .750" BLACK DUAL WALL
3	231-013	1"	SHRINK TUBING .250" BLACK DUAL WALL
4	231-187	128"	SHRINK TUBING .187" BLACK
5	252-058	14'	WIRE 18GA BLACK
6	252-064	25'	CABLE 12CONNECTOR 18GA PVC GRAY
7	255-214	1	CONNECTOR DEUTSCH LOCK WEDGE 12 PIN DTR GREEN
8	255-215	1	CONNECTOR DEUTSCH LOCK WEDGE 12 PIN DTP ORANGE
9	255-505	10	CONNECTOR DEUTSCH LOCK WEDGE 2 PIN DTP ORANGE
10	255-755	1	CONNECTOR DEUTSCH DT RCPT 12 PIN KEY A
11	255-756	1	CONNECTOR DEUTSCH DT PLUG 12 PIN KEY A
12	255-801	10	CONNECTOR DEUTSCH DT PLUG 2 PIN
13	255-977	12	CONNECTOR DEUTSCH PIN 16-18GA
14	255-978	22	CONNECTOR DEUTSCH SOCKET 16-18GA
15	255-979	10	CONNECTOR DEUTSCH CAVITY PLUG

FOLD BOX ELECTRICAL

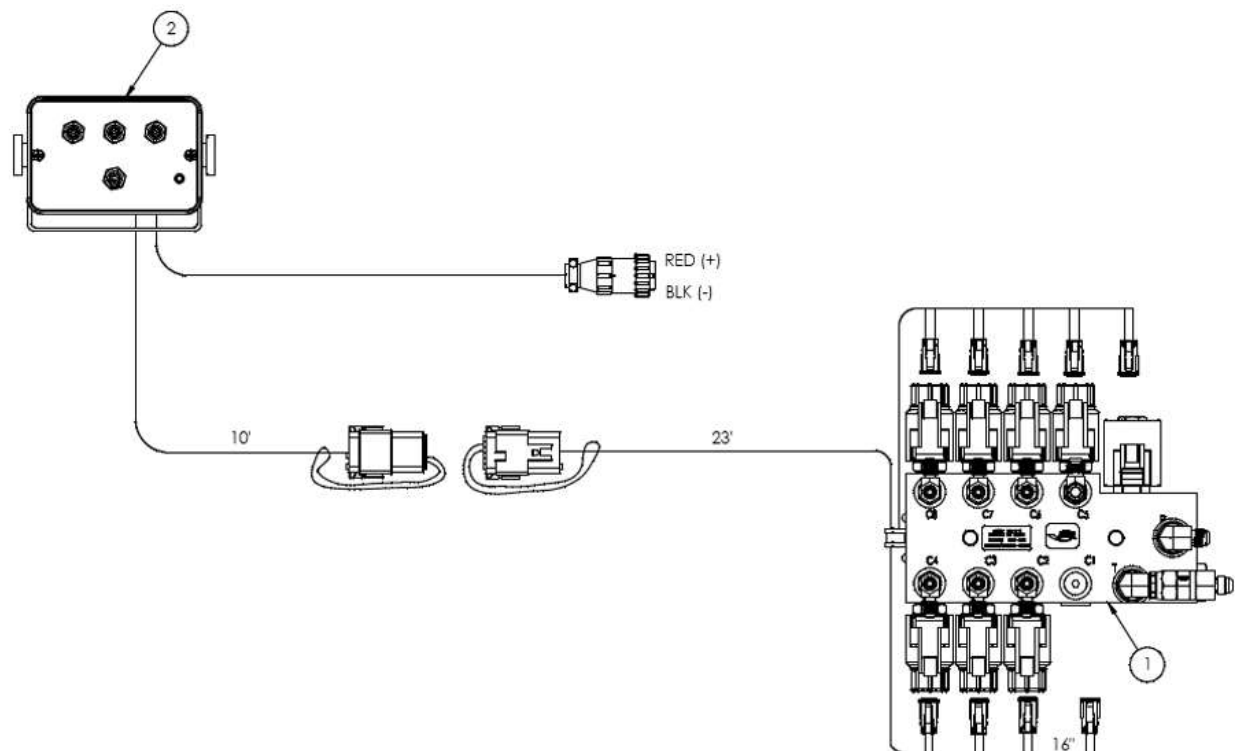
Cab Fold Box



Parts List 630075 / 304-178: Cab Fold Box

ITEM	VENDOR NO.	QTY.	DESCRIPTION
0	304-178	-	COMPLETE MONITOR BOX
1	210-710	1	STR RLF HEYCO .23"-.54"ID, HOLE DIA .886"
2	212-184	2	SCREW PHIL OVAL #8-32X.375" MACH BLK
3	212-215	2	KNOB FEMALE 1/4"-20
4	212-231	2	SCREW WELDED 1/4"-20X.625"
5	213-335	2	WASHER NYLON FLAT 1/4"-20
6	214-002	3	CABLE TIE BLK 8.5"
7	219-300	1	BRKT MNTR BLK AL
8	230-007	1	BAG POLY 14X18 2MIL
9	250-013	3	SW TOG DPDT 3P MOM LONG
10	250-015	1	SW TOG SPST 2P MOM SHORT
11	250-023	4	BOOT TOG 15/32" OPN BLK
12	252-058	18"	WIRE 18GA BLK
13	252-059	24"	WIRE 18GA RED
14	252-060	18"	WIRE 18GA GRN
15	254-001	1	DIODE RECTIFIER 6A05-T 6A 50V SILICON R-6
16	254-350	1	LED RED T-1 3/4 PANEL MNT 12V 6" LEADS
17	255-002	10	TRM PO T-TAP F 18-14GA
18	255-006	5	TRM PO F INS 22-18GA
19	255-070	2	TRM PO M/F 16-14GA
20	255-1 19	5	TRM PO F INS 16-14GA
21	255-285	2	TRM SPLICE CLOSED END LRG 14-16GA
22	259-015	1	GRIP TOG VNYL BLU .187"
23	259-022	1	GRIP TOG VNYL YEL .187"
24	259-023	1	GRIP TOG VNYL GRN .187'
25	259-027	1	GRIP TOG VNYL GRY .187"
26	304-179	1	ENCL DRILL FP MNTR SW4 8200N
27	307-014	1	LABEL S/N SILVER W/O FASSE NAME
28	314-217	1	HRN 2CON 16GA R/B ZIP AMP PLUG 3P (2) 8'
29	319-570	1	FUSE HOLDER ASSY AGC 15A 250V THREADED PNL MNT .5'
30	319-725	1	ENCL MNTR BOX 4.75"X3"X2"
31	320-714	1	HRN 12CON 18GA KEY A DTP12P (12) 11' END CAP F00204

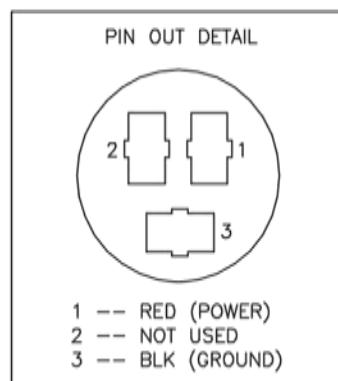
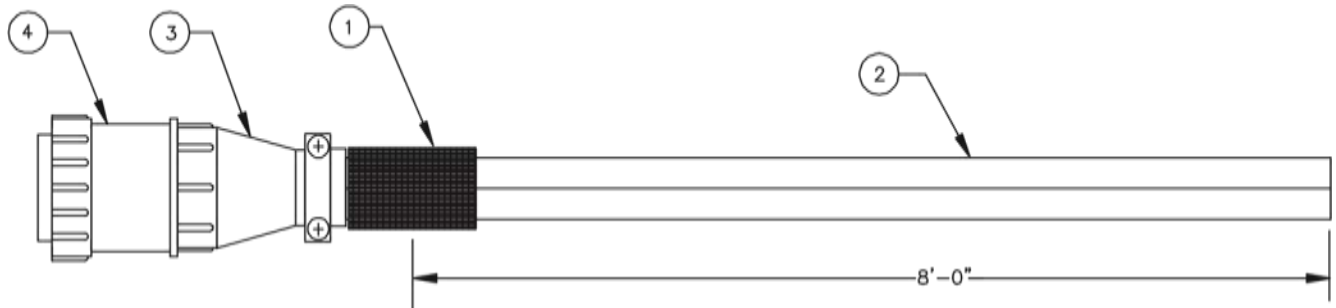
Cab Box Remote Layout



Parts List 700-0804-4007: Cab Box Remote Layout

ITEM	PART NO.	QTY.	DESCRIPTION
1	303-130	1	MANI/HRN ASSY 0804 3DA 1SA CLSD E-OMTG DTR 12V WP6804-4 T6809-8+CV 12CON 18GA DTR12P (11) 23'
2	304-178	1	MNTRBX 0804 TOG4-10'-DTP12P (12) 8200N

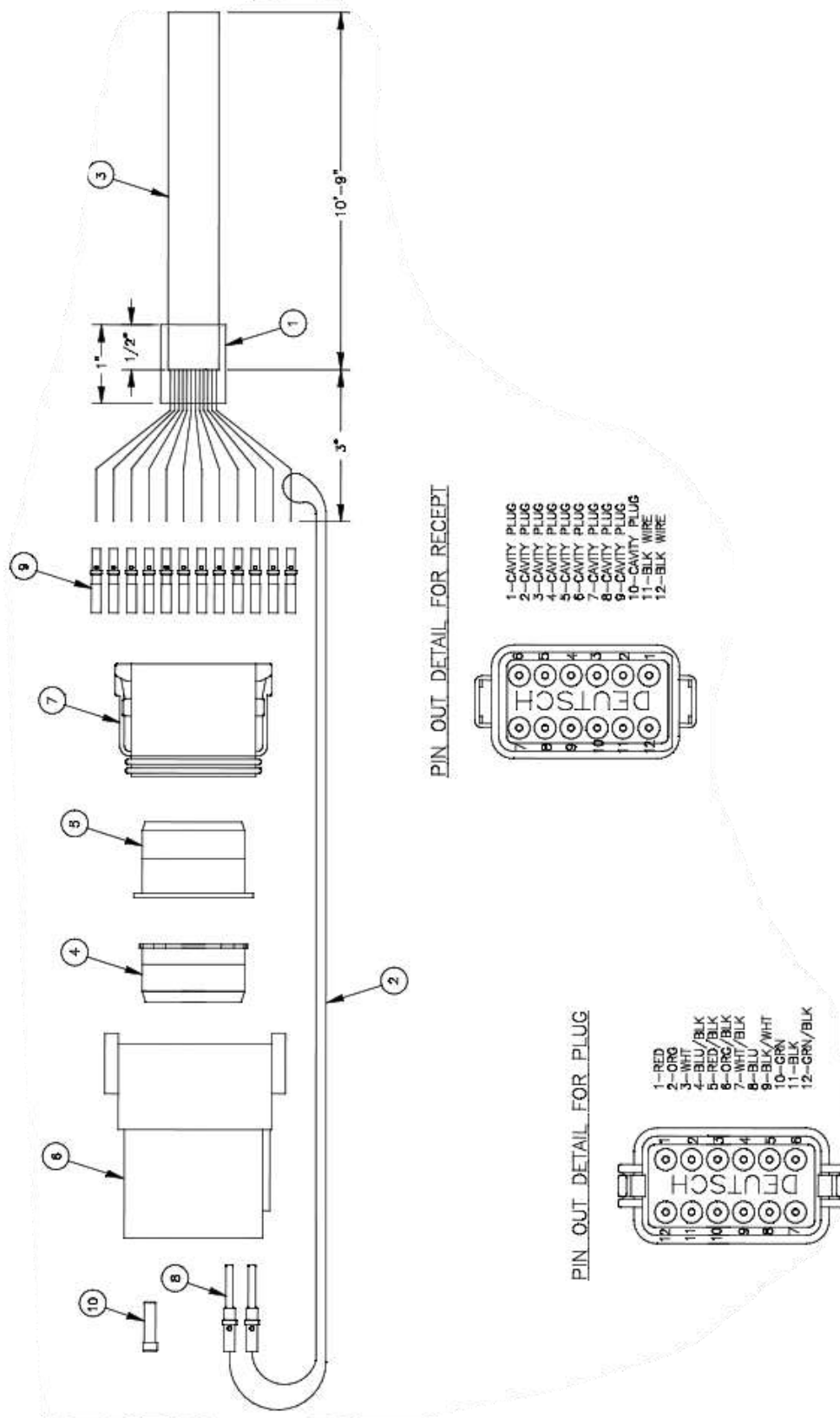
Cab Fold Box Power Harness



Parts List: Cab Fold Box Power Harness

ITEM	VENDOR NO.	QTY.	DESCRIPTION
1	230-250	2"	SHRINK TUBING .250 BLACK
2	252-021	8'	WIRE RED/BLACK 16 GA ZIP
3	255-043	1	CENTER 16 PIN SHELL #17
4	255-233	1	CENTER AMP SOCKET
5	255-549	1	CENTER SERIES 3 17-3 PLUG

Cab Fold Box Electrical Harness

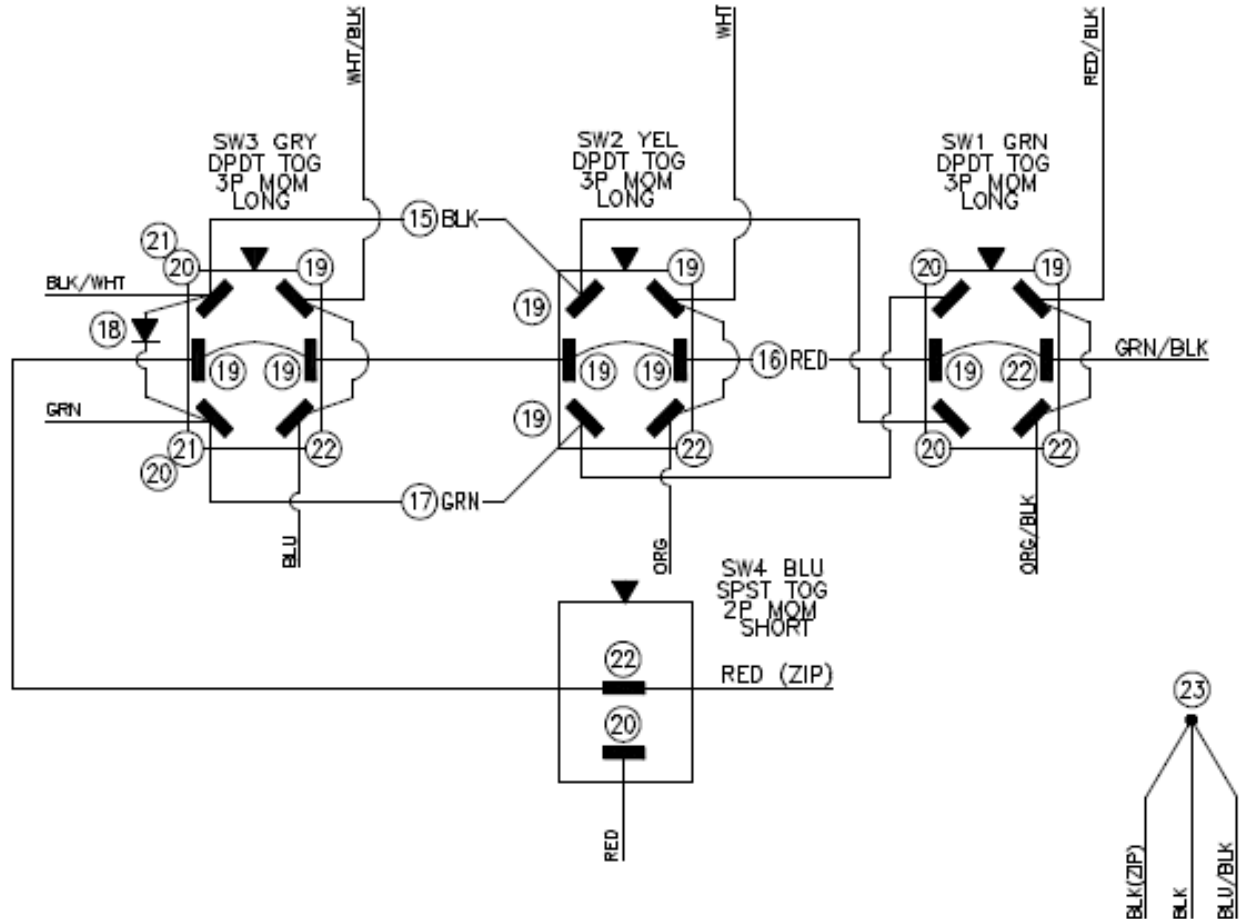


Parts List: Cab Fold Box Electrical Harness

ITEM	VENDOR NO.	QTY.	DESCRIPTION
0	320-184	1	COMPLETE HARNESS (ITEMS 1-10)
1	231-009	1"	SHRINK TUBING .500" BLACK
2	252-058	12"	WIRE 18GA BLACK
3	252-064	11'	CABLE 12CONNECTOR 18GA PVC GRAY
4	255-214	1	CONNECTOR DEUTSCH LOCK WEDGE 12 PIN DTR GREEN
5	255-215	1	CONNECTOR DEUTSCH LOCK WEDGE 12 PIN DTP ORANGE
6	255-755	1	CONNECTOR DEUTSCH DT RCPT 12 PIN KEY A
7	255-756	1	DT PLUG 12P KEY A
8	255-977	2	PIN 16-18GA
9	255-978	12	SOCKET 16/18GA
10	255-979	10	CAVITY PLUG

Cab Fold Box Electrical Wiring Diagram

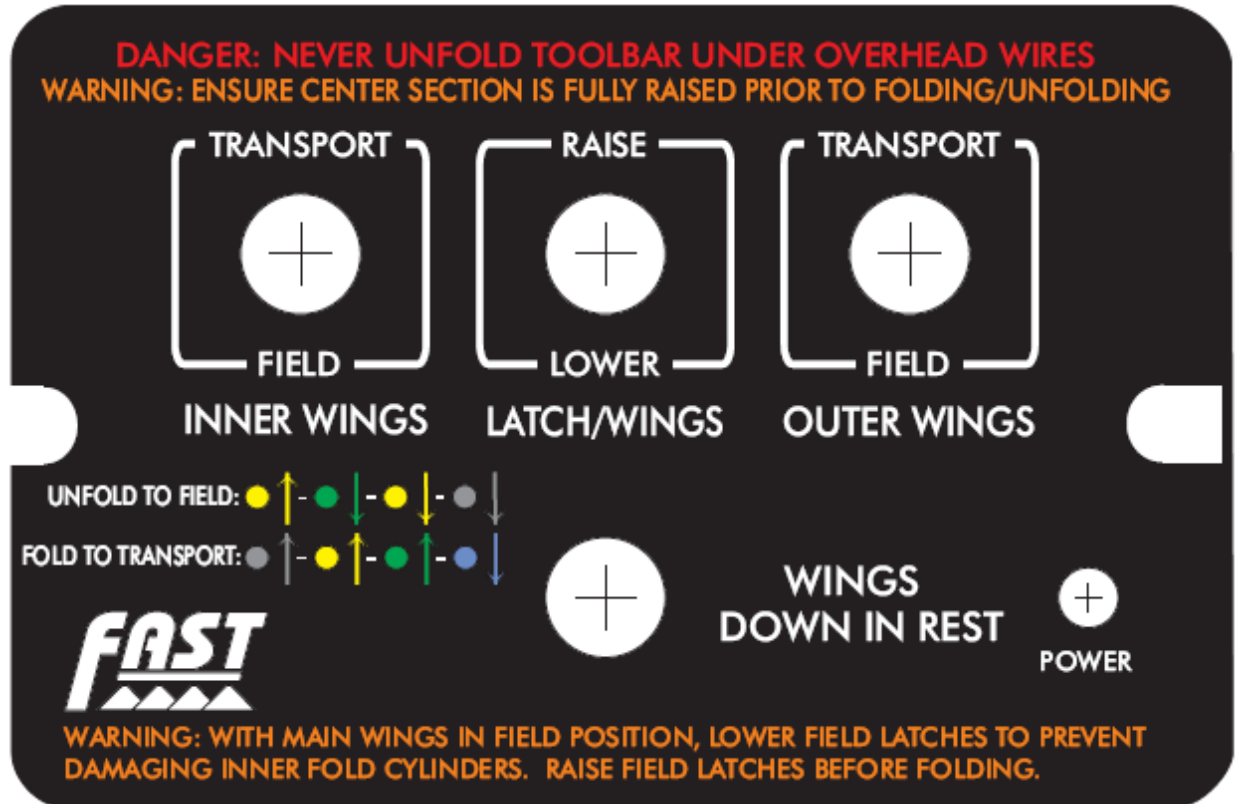
▲ = NOTCH LOCATION



Parts List: Cab Fold Box Electrical Wiring Diagram

ITEM	VENDOR NO.	QTY.	DESCRIPTION
15	252-058	18"	WIRE BLACK 18 GA
16	252-059	24"	WIRE 18 GA BLACK
17	252-060	18"	WIRE 18 GA BLACK
18	252-001	1	DIODE D116A2 6 AMP
19	255-002	10	TRM T-TAP F PO BLUE
20	255-006	5	TRM PO F NON INS 20/18 GA
21	255-070	2	TRM PO MF 14-16 GA
22	255-119	5	TRM PO F INS 16-14 GA
23	255-285	1	TRM SPLICE CLOSED END LARGE

Cab Fold Box Facia





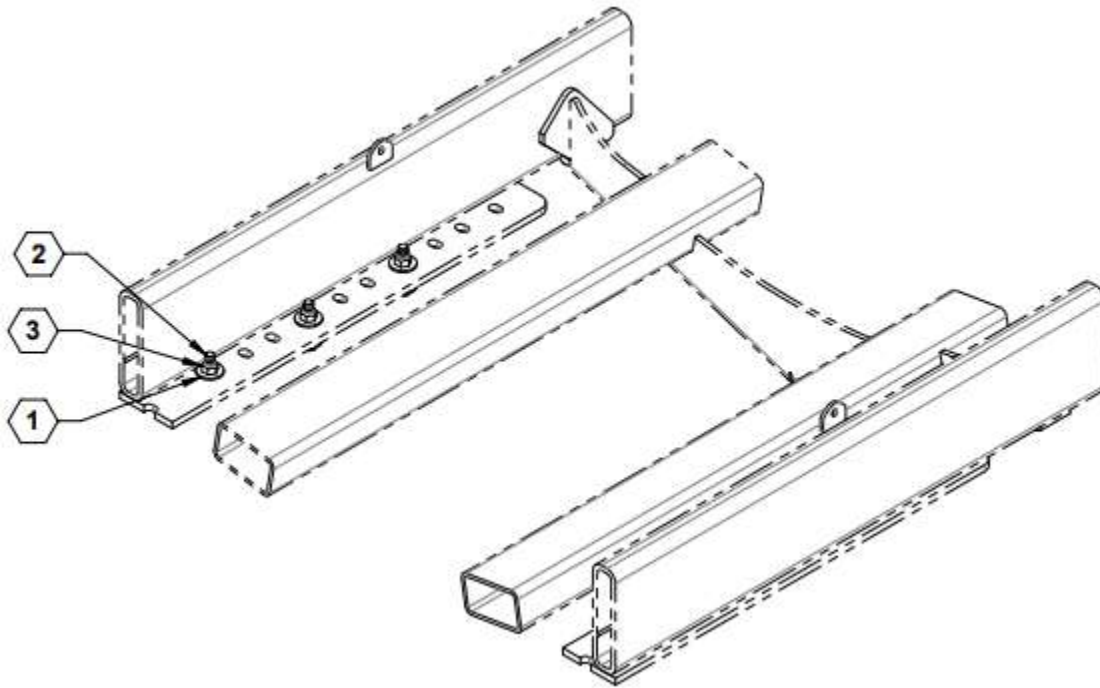
ILLUSTRATED PARTS LIST

TRAILER AXLES, TIRES, & TRACKS

Available Options

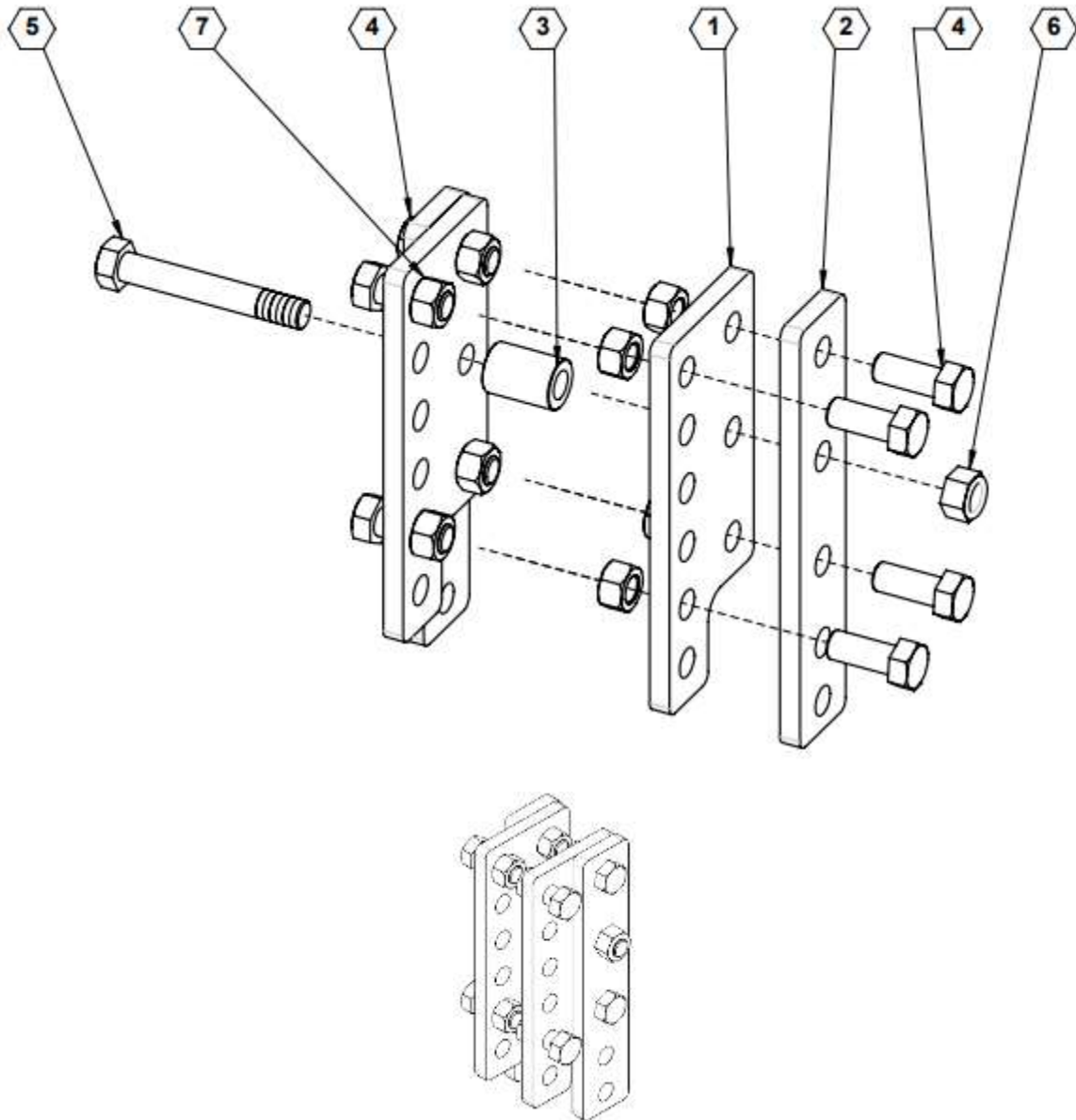
See the following factory options in [820128.pdf](#)

TANK	TIRE/TRACK SIZE	SINGLE/DUAL	AXLE
1800 Gal.	380/90R46	SINGLE	15K
1800 Gal.	380/90R54	SINGLE	15K
1800 Gal.	Diamond 30.5L x 32	SINGLE	-
1800 Gal. / 2400 Gal.	480/80R50	SINGLE	20K
1800 Gal. / 2400 Gal.	380/90R46	DUAL	62.5"-120" 80"-120" 88"-132"
1800 Gal. / 2400 Gal.	380/90R54	DUAL	62.5"-120" 80"-120" 88"-132"
1800 Gal. / 2400 Gal.	15"	TRACKS	80"-132" 84"-144"
2400 Gal	380/90R46	DUAL	72"-144"

Axle Hardware**Parts List 38130: Axle Hardware**

ITEM	PART NO.	QTY.	DESCRIPTION
1	596173M	6	BOLT, HEX 5/8 X 3 MAGNI
2	596243M	6	NUT, TOPLOCK 5/8-11 G8 MAGNI
3	596261M	12	WASHER, FLAT 5/8 MAGNI

Hitch Extension

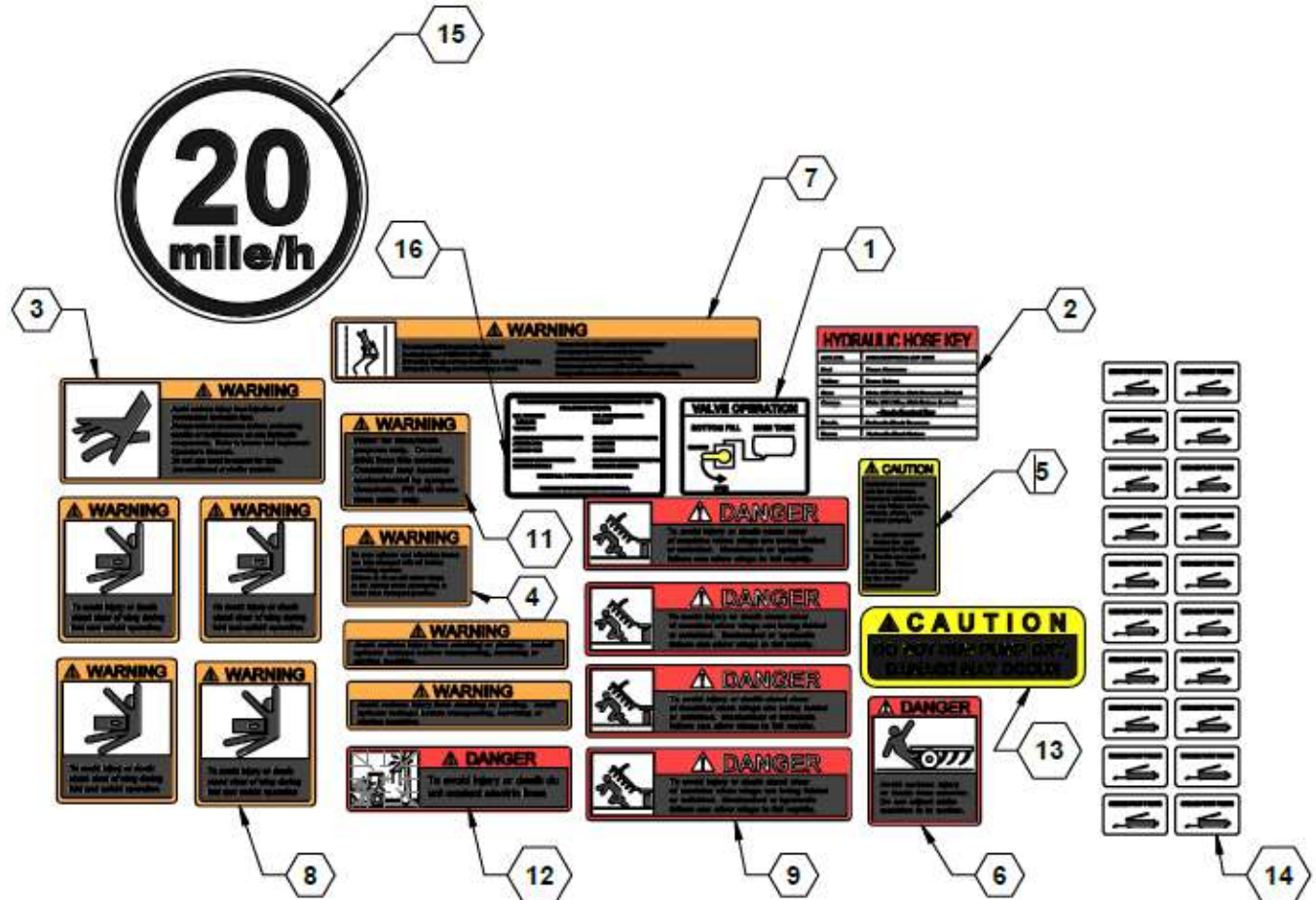


Parts List 99HITCHEX: Hitch Extension

ITEM	PART NO.	QTY.	DESCRIPTION
1	22612	2	HITCH ADAPTER INSIDE PLATE
2	22613	2	HITCH ADAPTER OUTSIDE PLATE
3	22614	1	SAFETY CHAIN SPACER
4	596199M	8	BOLT, HH 1-8X2-1/2 GR5 MAGNI
5	596208M	1	BOLT, HH 1-8X6-3/4 GR5 MAGNI
6	596234M	1	NUT, HEX NYLOCK 1-8 MAGNI
7	596242M	8	NUT, CENTERLOCK, 1" MAGNI

LIGHTS, DECALS, & TAGS

Standard Decals



Parts List 35746: Standard Decals

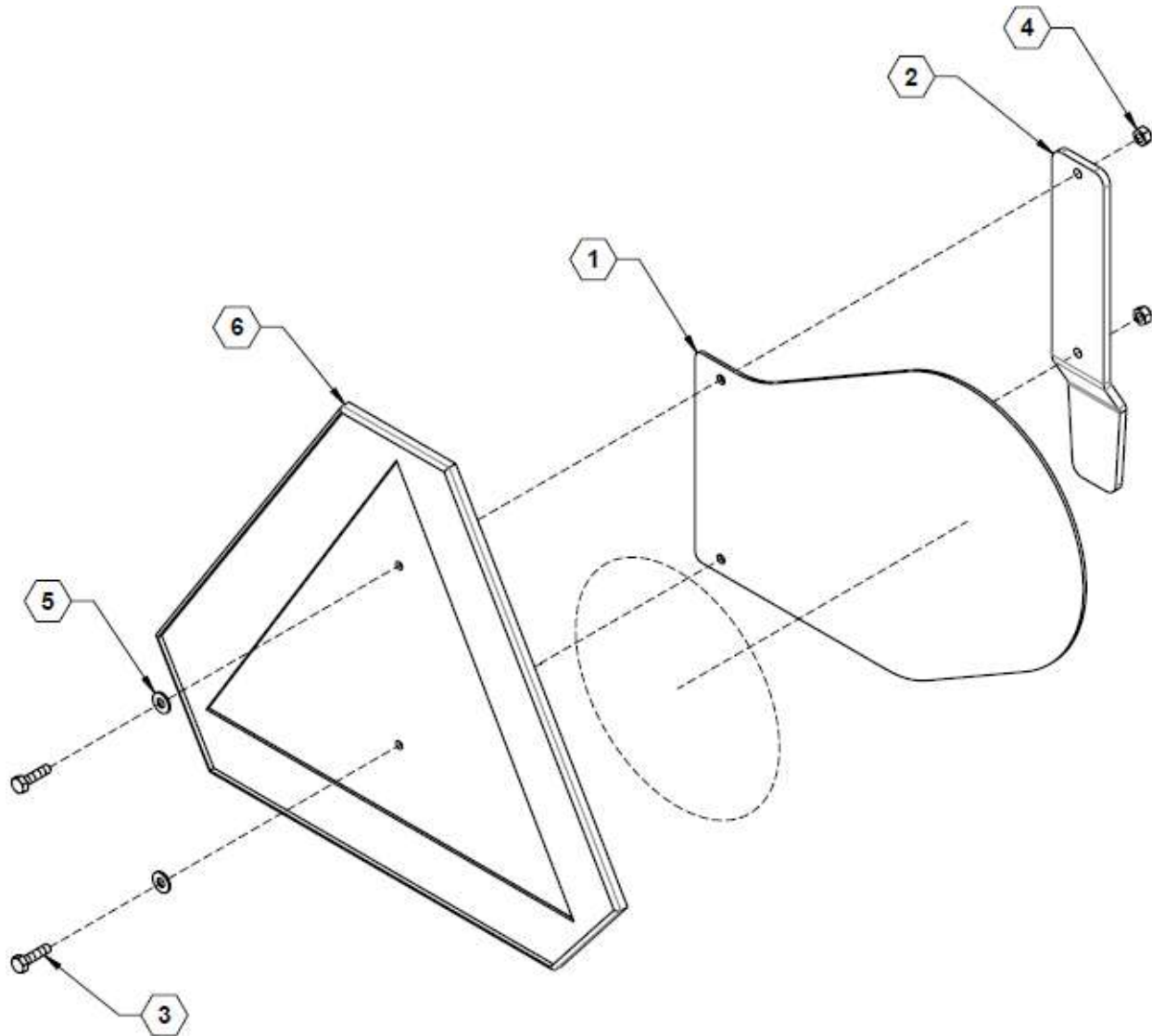
ITEM	PART NO.	QTY.	DESCRIPTION
1	800017	1	DECAL, MAIN TANK VALVE OPERATION
2	800087	1	DECAL, HOSE KEY
3	800098	1	DECAL, WARNING-HYDRAULIC FLUID
4	800099	1	DECAL, WARNING-CHARGE WITH OIL
5	800101	1	DECAL, CAUTION-AG CHEMICAL
6	800103	1	DECAL, DANGER-RUNOVER
7	800104	1	DECAL, WARNING-DO NOT SPEED
8	800105	4	DECAL, WARNING-STAND CLEAR
9	800106	4	DECAL, DANGER-STAND CLEAR
10	800107	2	DECAL, WARNING-AVOID CRUSHING
11	800108	1	DECAL, WARNING-RINSE TANK
12	800112	1	DECAL, DANGER, ELECTRIC LINES
13	800282	1	DECAL, DO NOT RUN PUMP DRY. ENGLISH
14	800287	20	DECAL, GREASE PIVOT POINTS
15	800306	1	DECAL, SIS, 20 mile/h
16	800338	1	DECAL, FAST PATENTS

Lighting and Marking

Parts List 38095: Lighting and Marking

ITEM	PART NO.	QTY.	DESCRIPTION
1	90SASMVWOSIS	1	SMV ASSEMBLY W/O SIS DECAL
2	37981	1	PLATE, LIGHT AND DECALS MOUNT, RH
3	37982	1	PLATE, LH LIGHT AND DECAL MNT
4	596249M	4	LOCKWASHER 5/16 MAGNI
5	596737M	4	BOLT, HH 8-1.25 X 20MM 8.8 MAGNI
6	740024	2	LIGHT, AMBER, PED. MOUNT
7	740025	2	TAILLIGHT, RED
8	740030	1	HARNESS, AMBER LIGHT EXTENSION, 20', SET OF 2
9	740065	1	HARNESS, TURN AND BRAKE LIGHT
10	800017	1	DECAL, MAIN TANK VALVE OPERATION
11	800044	1	DECAL, VAR. SPEED JACK
12	800387	1	DECAL, HOSE KEY
13	800098	1	DECAL, WARNING-HYDRAULIC FLUID
14	800099	1	DECAL, WARNING-CHARGE WITH OIL
15	800101	2	DECAL, CAUTION-AG CHEMICAL
16	800103	1	DECAL, DANGER-RUNOVER
17	800104	1	DECAL, WARNING-DO NOT SPEED
18	800105	2	DECAL, WARNING-STAND CLEAR
19	800106	2	DECAL, DANGER-STAND CLEAR
20	800107	2	DECAL, WARNING-AVOID CRUSHING
21	800108	1	DECAL, WARNING-RINSE TANK
22	800109	4	DECAL, RED REFLECTOR
23	800110	6	DECAL, AMBER, REFLECTOR
24	800111	4	DECAL, NON-REFLECTIVE, ORANGE
25	800112	1	DECAL, DANGER, ELECTRIC LINES
26	800282	1	DECAL, DO NOT RUN PUMP DRY. ENGLISH
27	800338	1	DECAL, FAST PATENTS
28	800381	1	DECAL, RESOURCES PAGE

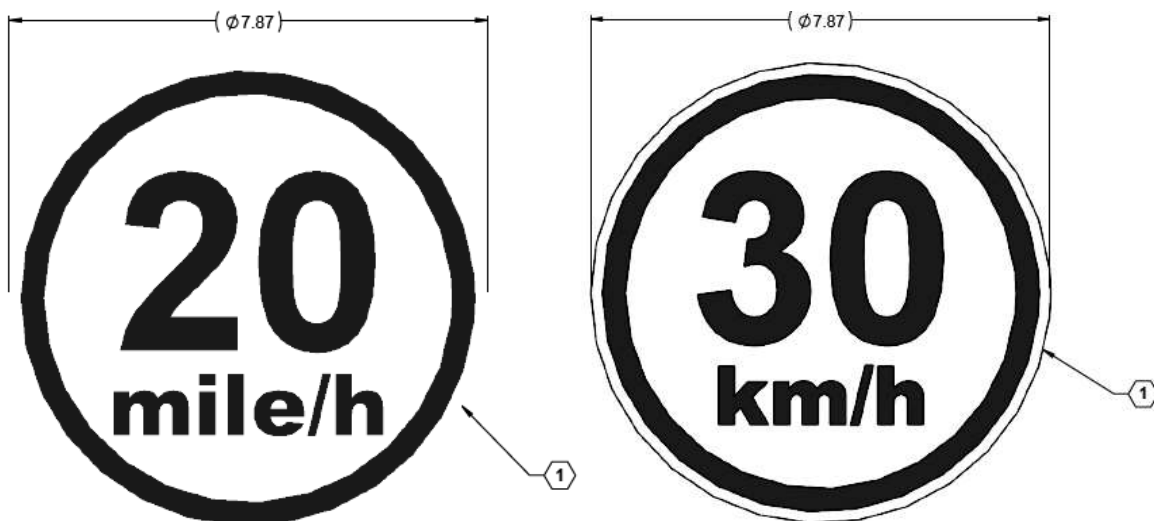
Slow-Moving-Vehicle Sign Assembly



Parts List 90SASMVWOSIS: Slow-Moving-Vehicle Sign Assembly

ITEM	PART NO.	QTY.	DESCRIPTION
1	28251	1	PLATE, SIS MOUNT
2	28252	1	PLATE, SMV MOUNT
3	596102M	2	BOLT, HH 1/4-20 X 1 GR5 MAGNI
4	596227M	2	NUT, HEX NYLOCK 1/4-20 MAGNI
5	596256M	2	WASHER, FLAT 1/4 USS MAGNI
6	790017	1	SIGN, SMV PLASTIC MOLDED

Speed Decal



Parts List 800306 / 800307: Speed Decal

ITEM	PART NO.	QTY.	DESCRIPTION
1	800306	1	OPTION, 20 MILE/H DECAL
	800307	1	OPTION, 30 KM/H DECAL



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