



3200 Gal.
120' / 132' / 135'
S-SERIES SPRAYER
PARTS MANUAL



ILLUSTRATED PARTS LIST

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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 S-Series Sprayer 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.



FAST S-SERIES SPRAYER

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	

Sprayer 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



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FAST 3200 Gal. Series Sprayer

SPRAYER SERIAL NUMBER _____

DATE PURCHASED ____/____/____

TANK SIZE (CIRCLE ONE) **3200 Gal.**

BOOM WIDTH (CIRCLE ONE) **120 ft.** **132 ft.** **135 ft.**

NOZZLE SPACING (CIRCLE ONE) **15 in.** **20 in.** **22 in.**

BOOM TYPE (CIRCLE ONE) **TRUSS** **CAMERA-READY**

PUMP MANUFACTURER:

(CIRCLE ONE)

ACE 255F-304 WET SEAL

ACE 255F-304 PWM WET SEAL

ACE FMC-750-HYD OASIS

ACE FMC-750 OASIS PWM



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:

Table of Contents

TRAILER & FRAME

STEERABLE HITCH

TRAILER AXLES, TIRES, & TRACKS

BOOM & TOUCHDOWN WHEELS

TANK & PUMP

PRODUCT PLUMBING on BOOM

PRODUCT PLUMBING on FRAME

PRODUCT ELECTRICAL COMP.S

HYDRAULICS

CAB BOX ELECTRICAL

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.



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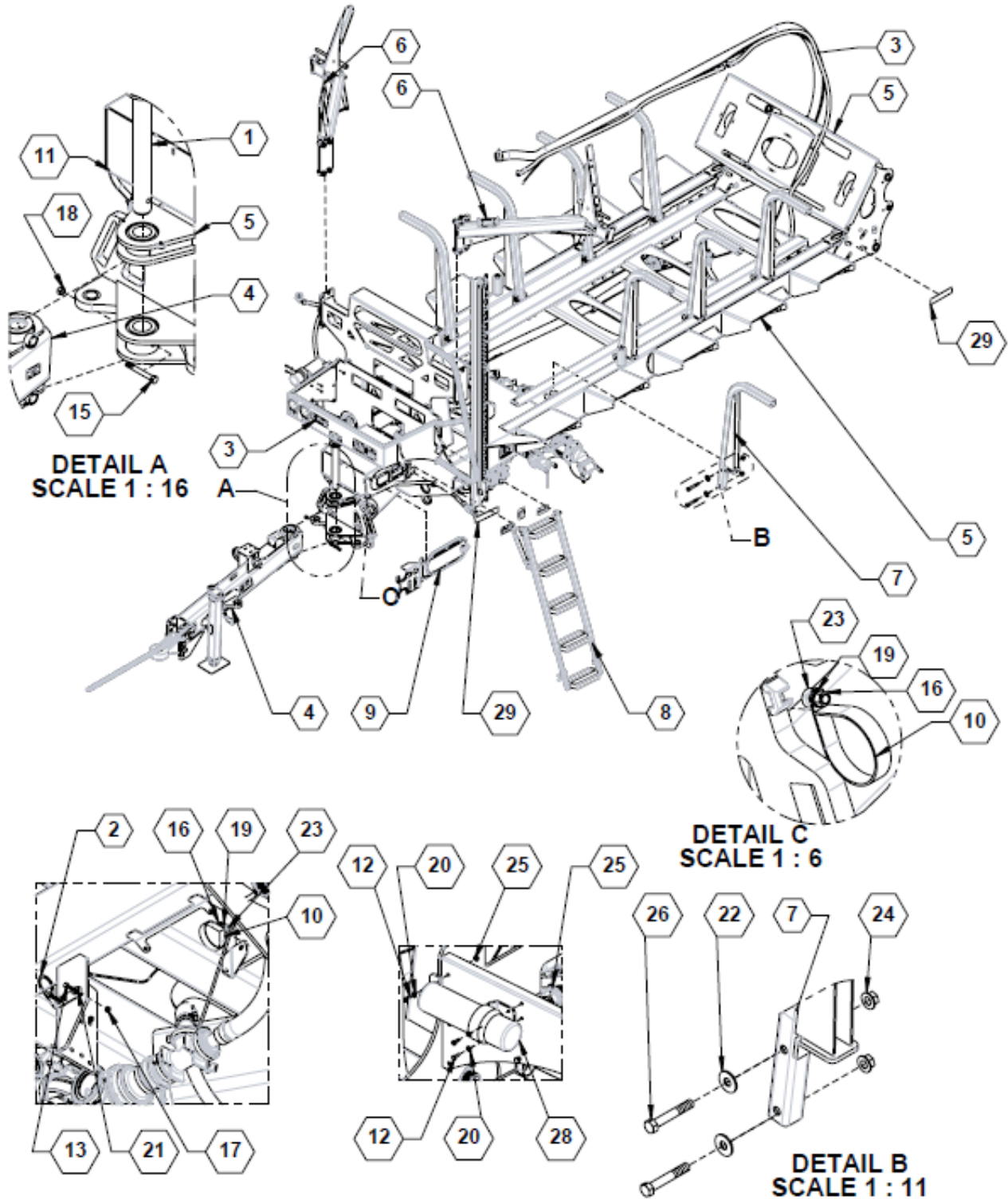
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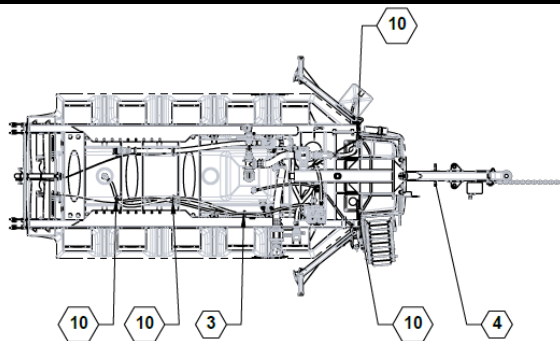
Parts List 90SASMVWOSIS: Slow-Moving-Vehicle Sign Assembly	248
<i>Speed Decal</i>	249
Parts List: Speed Decal	249



TRAILER & FRAME

Base Trailer - 3200 Gal.

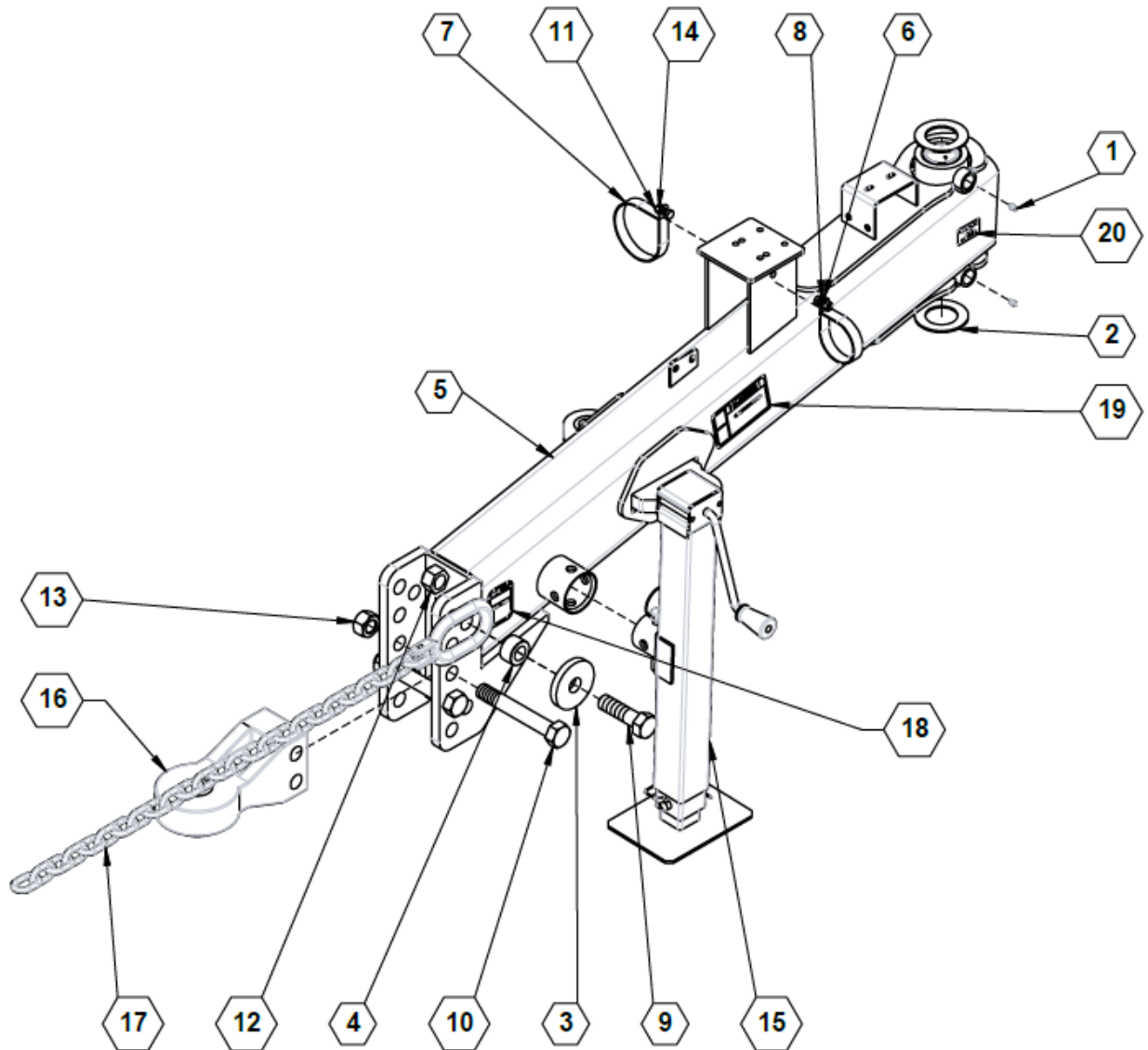




Parts List 36600: Base Trailer - 3200 Gal.

ITEM	PART NO.	QTY.	DESCRIPTION
1	26056	1	PIN WLDMT, STEERABLE HITCH
2	35224	1	BRACKET, 47 PIN HARNESS
3	36601	1	ASSEMBLY, TRAILER PLUMBING
4	36604	1	ASSEMBLY, HITCH TONGUE
5	36605	1	CART, LARGE STEER READY
6	36606	1	ASSEMBLY, BOOM RESTS
7	36609	8	WELDMENT, COOTY ARM TANK SUPPORT
8	36613	1	ASSEMBLY, LADDER EXTENDED
9	36770	1	ASSY, INTEGRATED TOOL-SPACE
10	540052	6	P-CLAMP, 3" W/3/8" HOLE
11	540053	1	P-CLAMP, 4" W/3/8" HOLE
12	596101M	3	BOLT, HH 1/4-20 X 3/4 GR5 MAGNI
13	596115M	2	BOLT, HH 5/16-18 X 1 GR5 MAGNI
14	596128M	4	BOLT, HH 3/8-16 X 1 GR5 MAGNI
15	596158M	1	BOLT, HH 1/2 X 4 GR5 MAGNI
16	596213M	7	NUT, HEX 3/8-16 MAGNI
17	596236M	2	NUT, CENTERLOCK, 5/16-18 MAGNI
18	596239M	1	NUT, CENTERLOCK, 1/2-13 MAGNI
19	596250M	7	LOCKWASHER, 3/8 MAGNI
20	596256M	3	WASHER, FLAT 1/4 USS MAGNI
21	596257M	2	WASHER, FLAT 5/16 USS MAGNI
22	596261M	16	WASHER, FLAT 5/8 MAGNI
23	596592M	3	BOLT, CARRIAGE 3/8-16 X 1 MAGNI
24	596742M	16	NUT, TOP LOCK FLANGE 5/8-11 MAGNI
25	596767M	3	NUT, HEX FLANGE 1/4-20 MAGNI
26	596800M	16	BOLT, HH 5/8-11 X 4 GR8 MAGNI
27	740086	1	WIRING HRNS LGT SPRAYER
28	750048	1	MANUAL HOLDER
29	800110	4	DECAL, AMBER, REFLECTOR

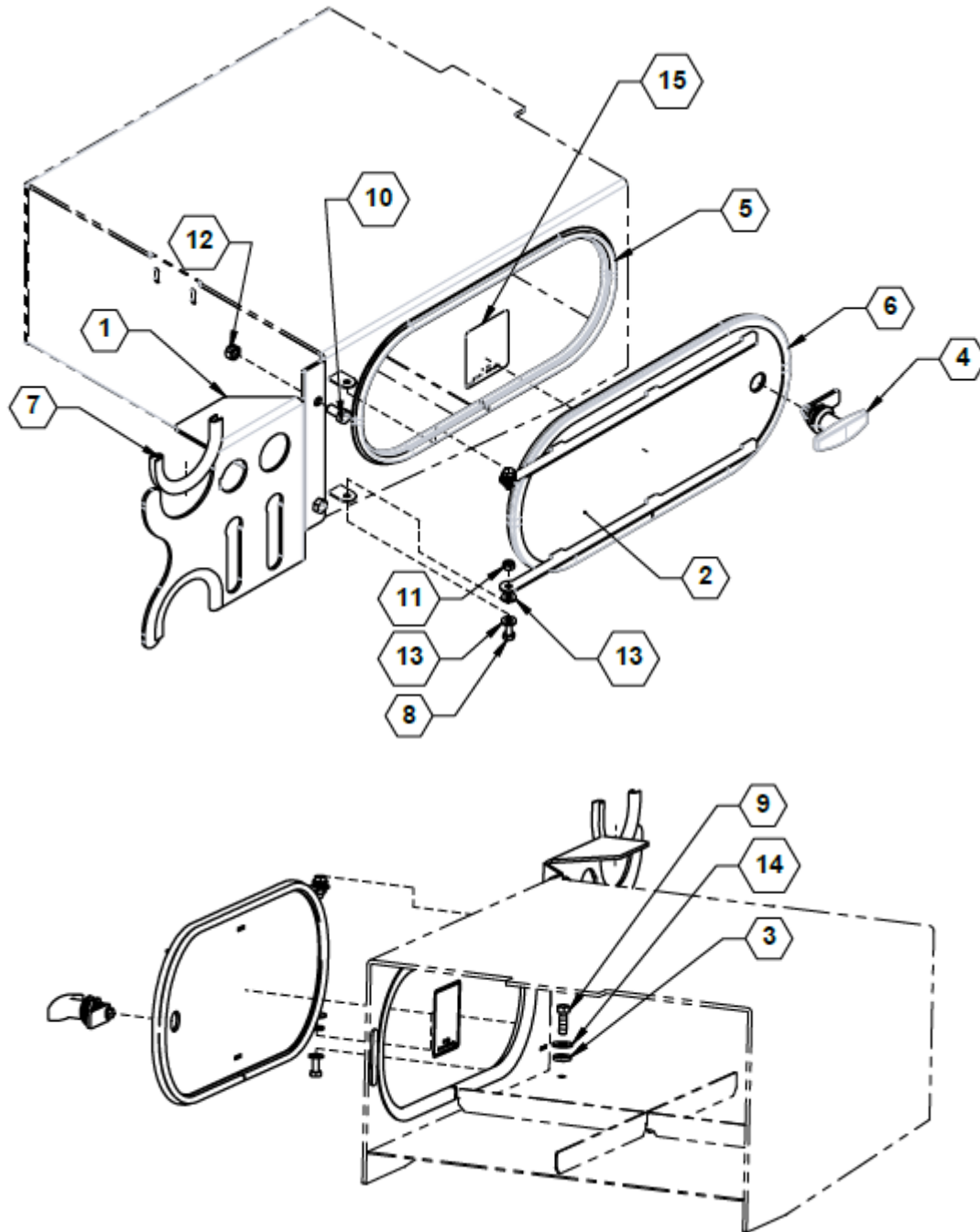
Hitch Tongue



Parts List 36604: Hitch Tongue

ITEM	PART NO.	QTY.	DESCRIPTION
1	759	2	ZERK, 1/4-28 STRAIGHT PIPE THREAD
2	15277	2	WASHER, STAINLESS STEEL
3	15829	1	WASHER PLATE, SAFETY CHAIN
4	15835	1	BUSHING, SAFETY CHAIN SPACER
5	26060	1	WLDMNT, TONGUE
6	540052	1	P-CLAMP, 3" W/3/8" HOLE
7	540053	1	P-CLAMP, 4" W/3/8" HOLE
8	596128M	2	BOLT, HH 3/8-16 X 1 GR5 MAGNI
9	596201M	1	BOLT, HEX 1-8 X 3-1/2 GR5 MAGNI
10	596208M	2	BOLT, HH 1-8X6-3/4 GR5 MAGNI
11	596213M	2	NUT, HEX 3/8-16 MAGNI
12	596234M	1	NUT, HEX NYLOCK 1-8 MAGNI
13	596242M	2	NUT, CENTERLOCK, 1" MAGNI
14	596250M	2	LOCKWASHER, 3/8 MAGNI
15	790005	1	JACK, 8000#
16	790040	1	HITCH CAT 4 BLACK ARTICULATING
17	790050	1	SAFETY CHAIN, 30,000 LB
18	800005	1	DECAL, WARNING UPENDING HAZARD
19	800013	1	DECAL, DANGER CRUSHING HAZARD
20	800287	1	DECAL, GREASE PIVOT POINTS

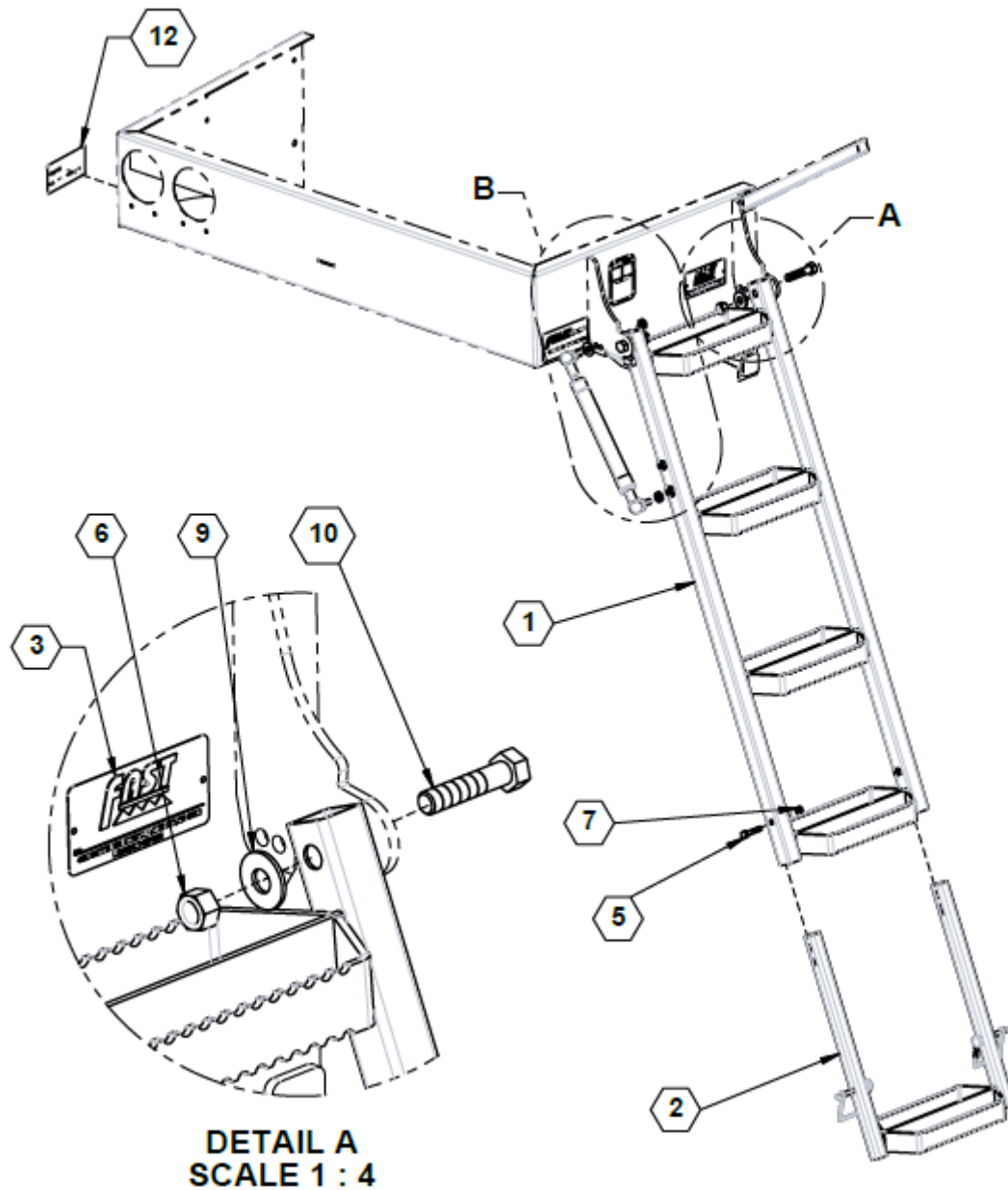
Integrated Toolbox

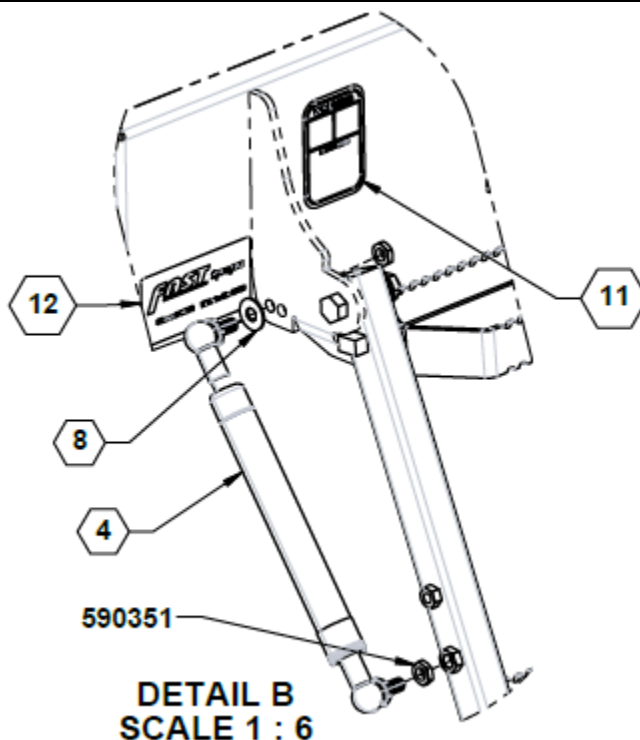


Parts List 36770: Integrated Toolbox

ITEM	PART NO.	QTY.	DESCRIPTION
1	36298	1	PLATE, TONGUE CONNECT STORAGE
2	36760	1	WELDMENT, TOOLBOX DOOR
3	520016	1	GASKET, QUICK TEEJET SEAT, STD EPDM
4	540090	1	T-HANDLE, QTR TURN, CHRM ZINC
5	540107	42	(IN) BULB SEAL, FOR 7-GA
6	540110	45	(IN) BULB SEAL, FOR 10-GA
7	590459	1	(FT) TRIM, EDGE GUARD, 1/4"
8	596101M	2	BOLT, HH 1/4-20 X 3/4 GR5 MAGNI
9	596115M	1	BOLT, HH 5/16-18 X 1 GR5 MAGNI
10	596818M	2	BOLT, HH 3/8-16 x 3/4" GR5 MAGNI
11	596235M	2	NUT, CENTERLOCK, 1/4-20 MAGNI
12	596237M	2	NUT, CENTERLOCK 3/8-16 MAGNI
13	596256M	4	WASHER, FLAT 1/4 USS MAGNI
14	596257M	1	WASHER, FLAT 5/16 USS MAGNI
15	800381	1	DECAL, RESOURCES PAGE

Operator Platform Ladder (for Truss Boom)

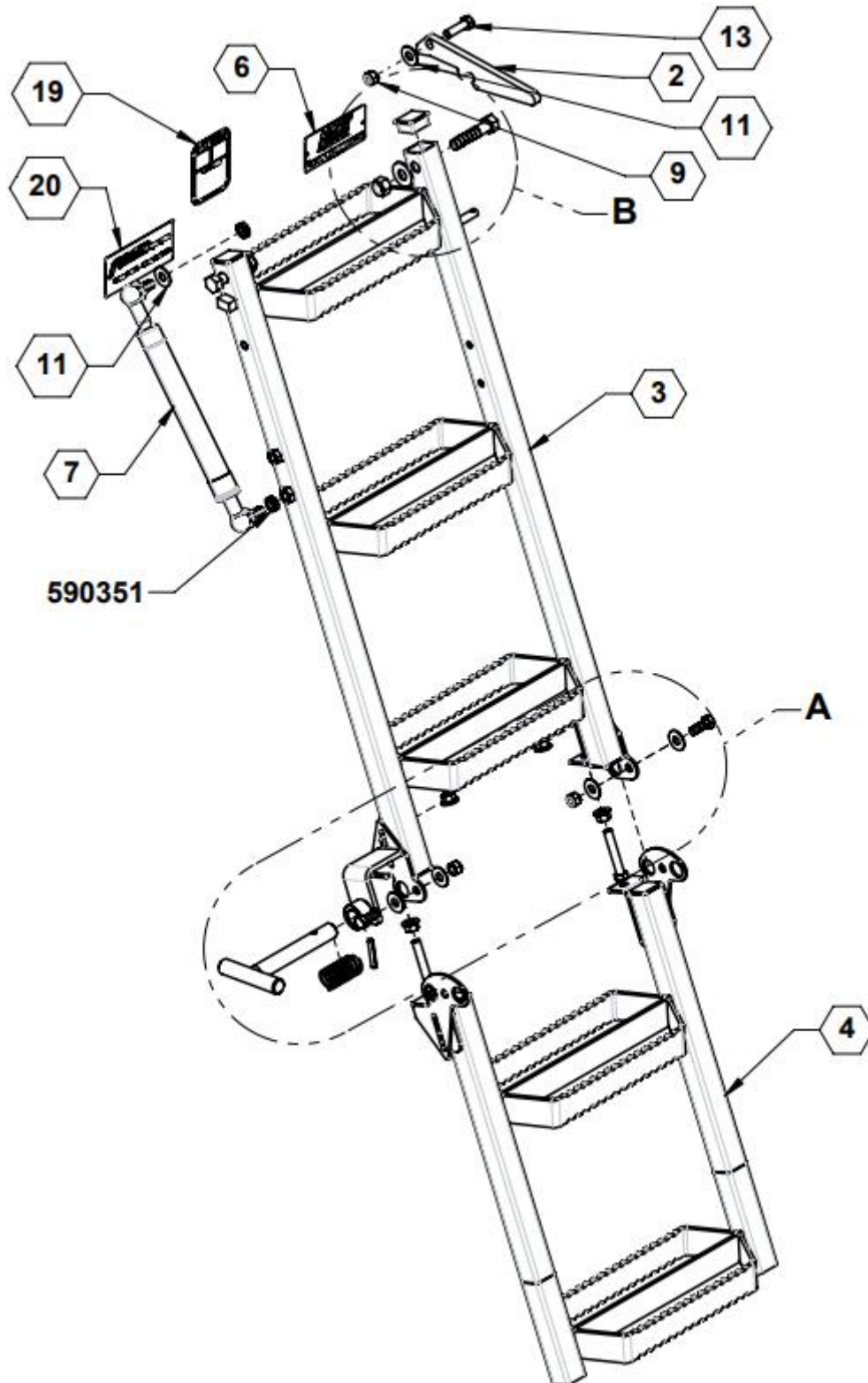


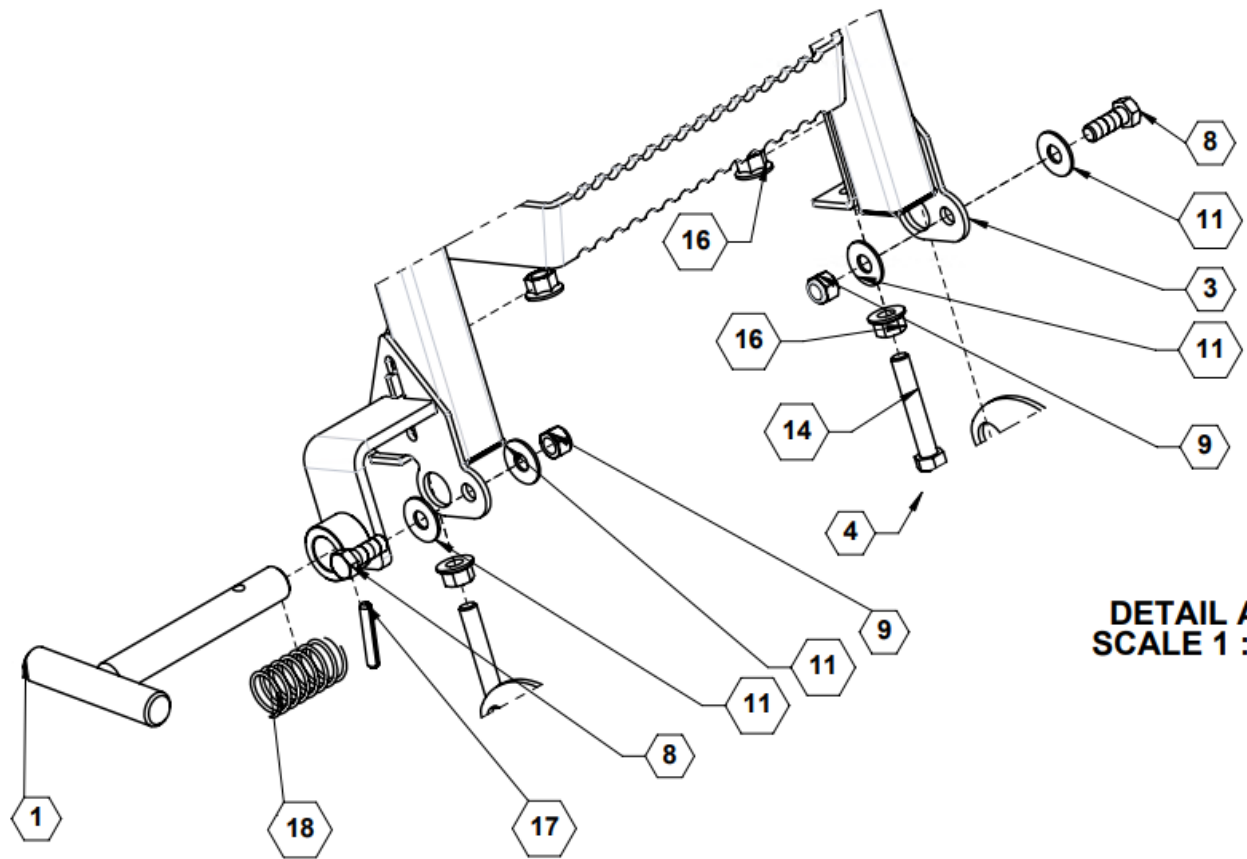


Parts List 36613: Operator Platform Ladder (for Truss Boom)

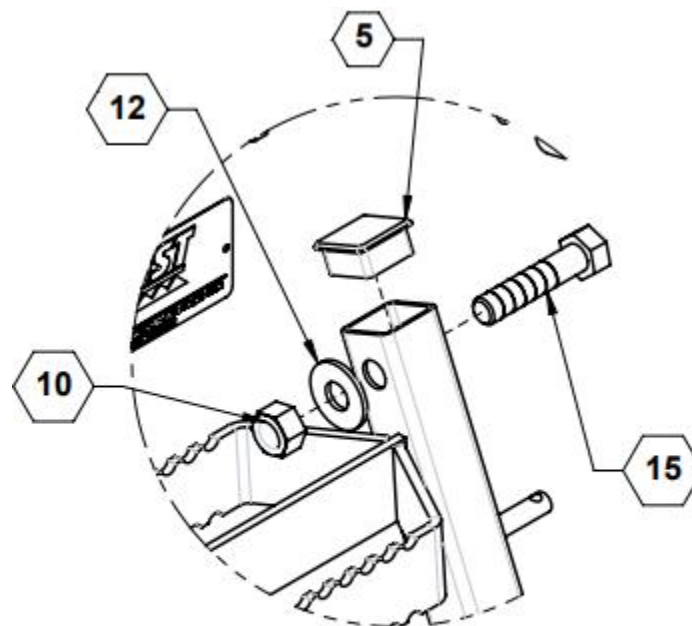
ITEM	PART NO.	QTY.	DESCRIPTION
1	10620	1	LADDER WLDMT, 4 STEP
2	35250	1	LADDER EXTENSION ASSEMBLY
3	590216	1	FAST SERIAL TAG
4	590461	1	SHOCK, GAS, 90LB, LADDER
5	596116M	2	BOLT, HH 5/16-18 X 1-1/2 GR5 MAGNI
6	596231M	2	NUT, HEX NYLOCK 1/2-13 MAGNI
7	596236M	2	NUT, CENTERLOCK, 5/16-18 MAGNI
8	596260M	2	WASHER, FLAT 1/2 MAGNI
9	596638M	2	BOLT, HH 1/2-13 X 2-1/4 GR5 MAGNI
10	800003	1	DECAL, WARNING FALLING HAZARD
11	800021	2	FAST LOCATION DECAL

Operator Platform Ladder (for Camera-Ready Boom)





DETAIL A
SCALE 1 : 4



DETAIL B
SCALE 1 : 4



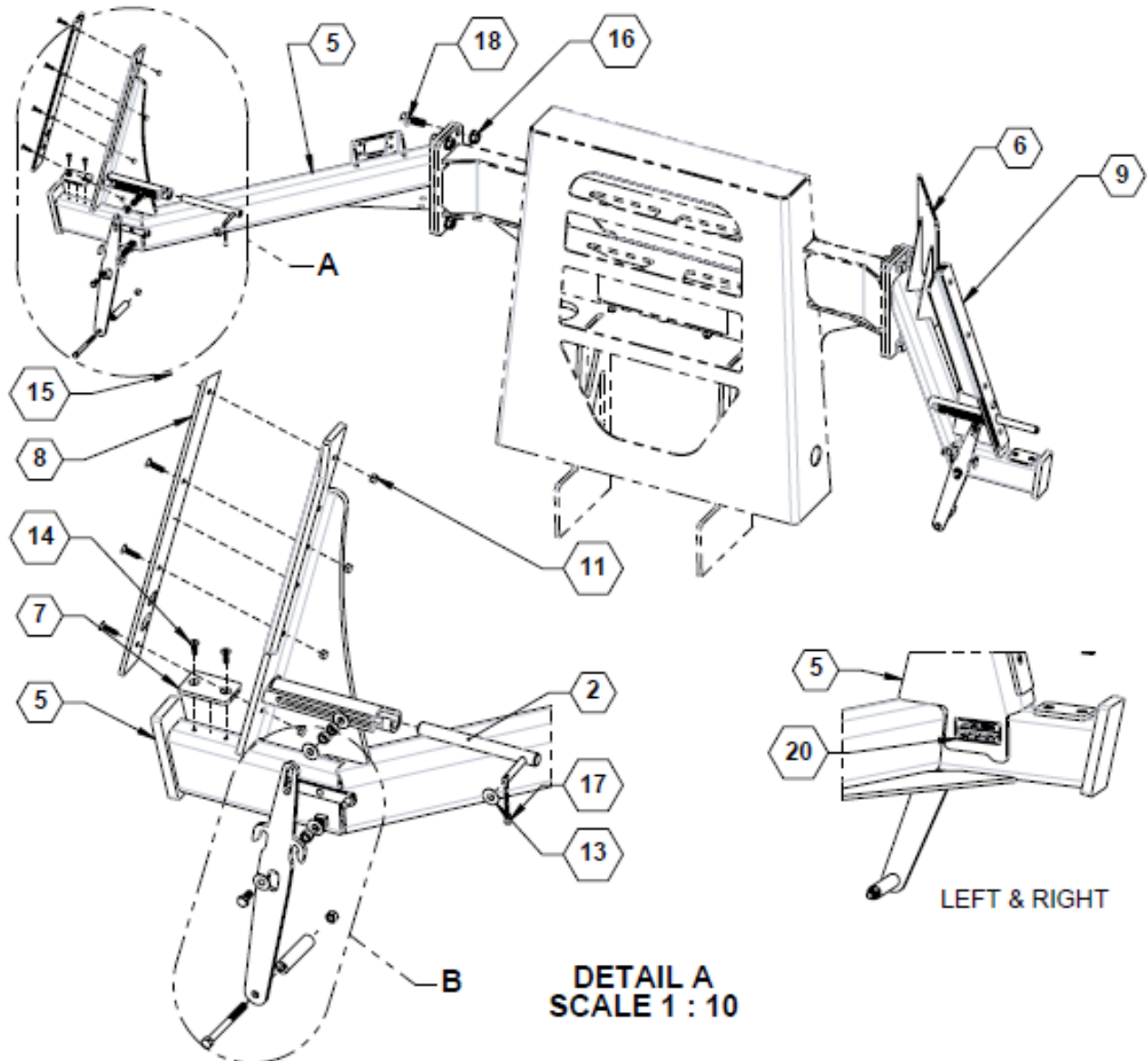
ILLUSTRATED PARTS LIST

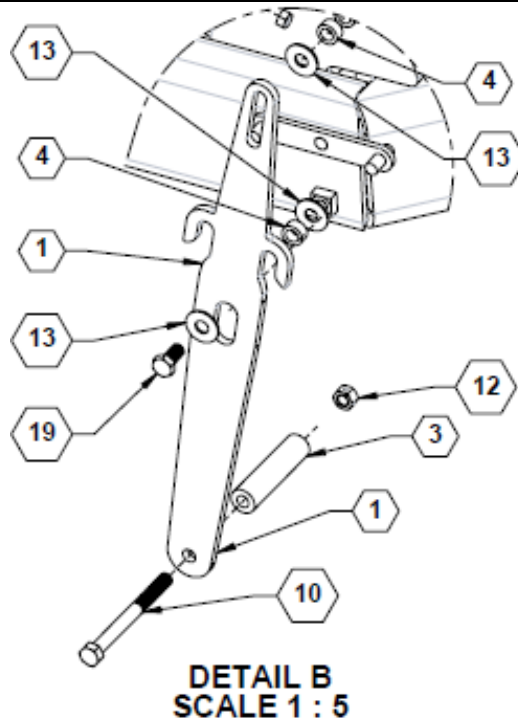
[TOC](#)

Parts List 36875: Operator Platform Ladder (for Camera-Ready Boom)

ITEM	PART NO.	QTY.	DESCRIPTION
1	7981	1	TRANSPORT LOCK PIN
2	36868	1	PLATE, LADDER UP LOCK
3	36880	1	WELDMENT, UPPER LADDER
4	36885	1	WELDMENT, LOWER LADDER
5	590127	8	PLUG 1-1/4" PLSTC SQ TUBE
6	590216	1	FAST SERIAL TAG
7	590461	1	SHOCK, GAS, 90LB, LADDER
8	596128M	2	BOLT, HH 3/8-16 X 1 GR5 MAGNI
9	596229M	3	NUT, HEX NYLOCK 3/8-16 MAGNI
10	596231M	2	NUT, HEX NYLOCK 1/2-13 MAGNI
11	596258M	6	WASHER, FLAT 3/8 MAGNI
12	596260M	2	WASHER, FLAT 1/2 MAGNI
13	596635M	1	BOLT, HH 3/8-16 x 1-1/4 MAGNI
14	596636M	2	BOLT, HH 3/8-16 X 2-1/4 GR5 MAGNI
15	596638M	2	BOLT, HH 1/2-13 X 2-1/4 GR5 MAGNI
16	596769M	4	NUT, HEX FLANGE 3/8-16 MAGNI
17	596844M	1	PIN, SPRING, 1/4 X 1-1/2, MAGNI
18	790001	1	SPRING, EDUCTOR LATCH
19	800003	1	DECAL, WARNING FALLING HAZARD
20	800021	2	FAST LOCATION DECAL

Boom Rests (for Truss Boom)

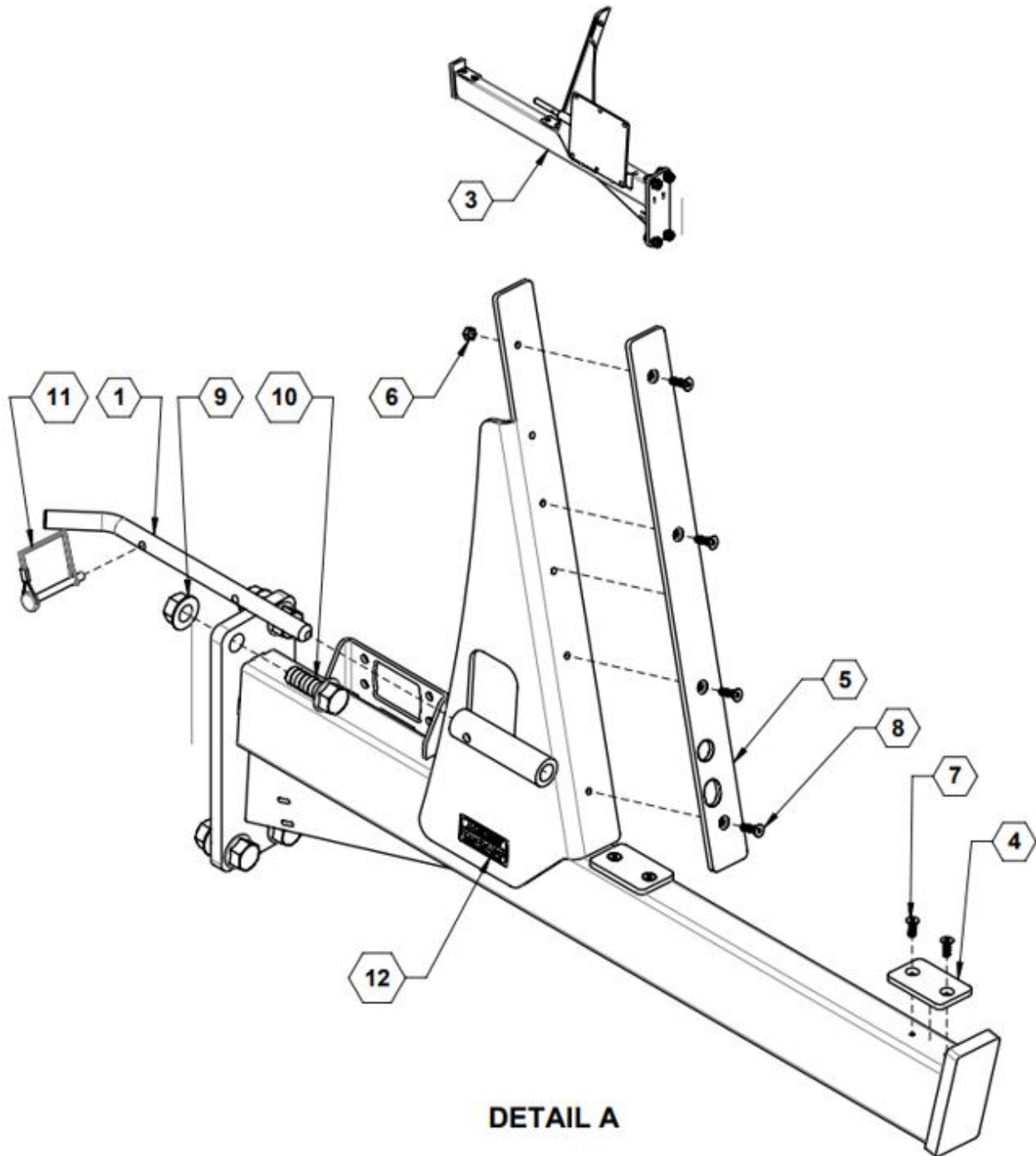




Parts List 36606: Boom Rests (for Truss Boom)

ITEM	PART NO.	QTY.	DESCRIPTION
1	36314	2	PLATE, TRANSPORT LEVER
2	36320	2	WELDMENT PIN, LATCH SLIDER
3	36321	2	TUBE, LEVER HANDLE
4	36331	6	PLATE, LATCH DAGGER BUSHING
5	36616L	1	WELDMENT, BOOM REST L
6	36616R	1	WELDMENT, BOOM REST R
7	590106	2	PAD, TRANSPORT
8	590475L	1	PLATE, BUMP LH
9	590475R	1	PLATE, BUMP RH
10	596134M	2	BOLT, HH 3/8-16 X 4 GR5 MAGNI
11	596227M	8	NUT, HEX NYLOCK 1/4-20 MAGNI
12	596237M	2	NUT, CENTERLOCK 3/8-16 MAGNI
13	596258M	10	WASHER, FLAT 3/8 MAGNI
14	596629M	4	FHSCS 1/4-20 X 3/4 MAGNI
15	596630M	8	FHSCS 1/4-20 X 1 MAGNI
16	596775M	8	NUT, HEX FLANGE 3/4-10 GR8 MAGNI
17	596808M	2	COTTER PIN, 3/16 X 2" MAGNI
18	596814M	8	BOLT, HEX FLANGE 3/4-10 X 2 GR8 MAGNI
19	596818M	2	BOLT, HH 3/8-16 X 3/4 GR5 MAGNI
20	800010	2	DECAL, SAFETY PIN

Boom Rests (for Camera-Ready Boom)





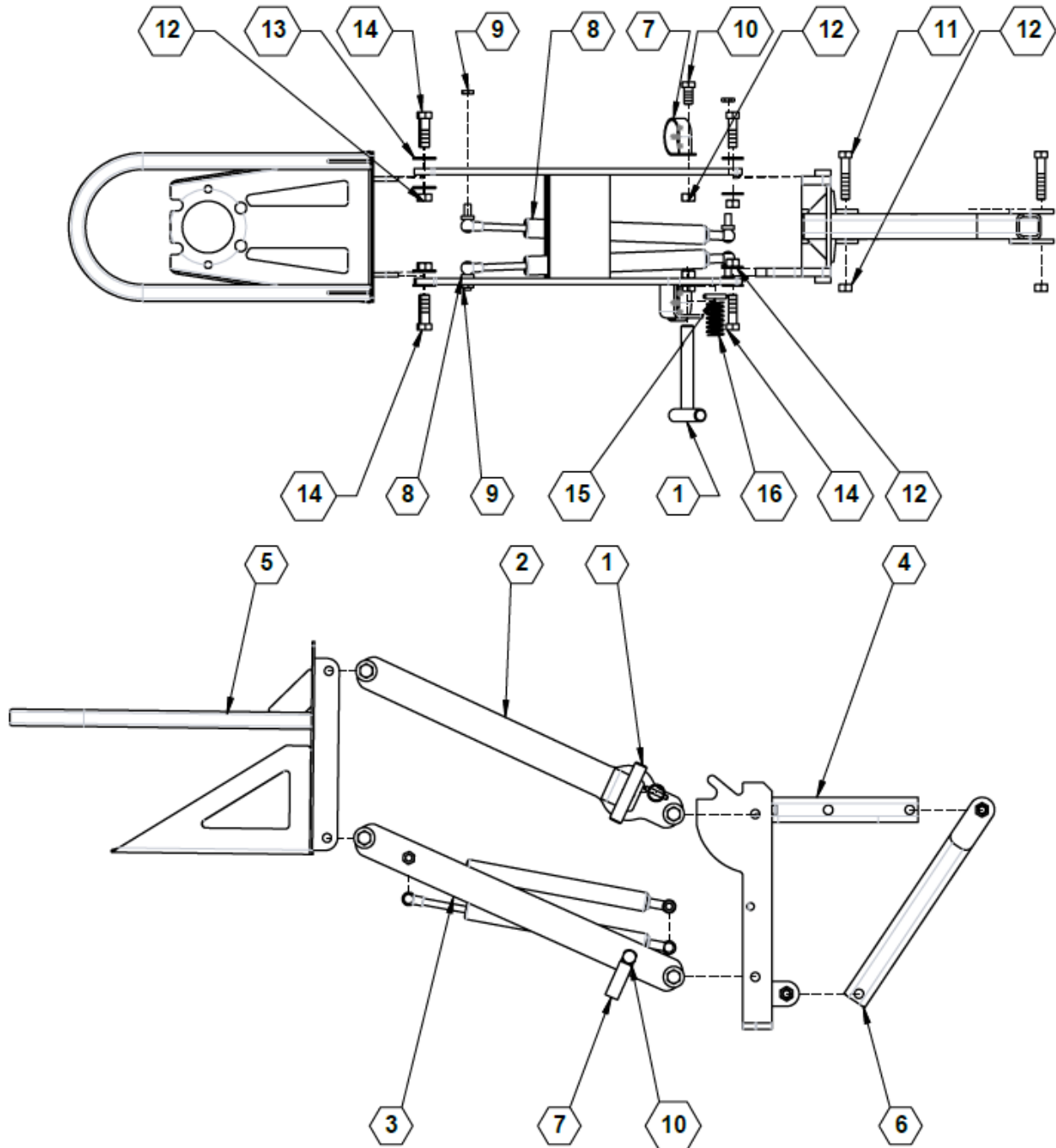
ILLUSTRATED PARTS LIST

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Parts List 36860: Boom Rests (for Camera-Ready Boom)

ITEM	PART NO.	QTY.	DESCRIPTION
1	7618	2	3/4" CRR 1018, 14" LG
2	36865	1	WELDMENT, LH WING REST
3	36866	1	WELDMENT, RH WING REST
4	590106	4	PAD, TRANSPORT
5	590475L	2	PLATE, WING REST BUMP, LH
6	596227M	8	NUT, HEX NYLOCK 1/4-20 MAGNI
7	596629M	8	FHSCS 1/4-20 X 3/4 MAGNI
8	596630M	8	FHSCS 1/4-20 X 1 MAGNI
9	596775M	8	NUT, HEX FLANGE 3/4-10 GR8 MAGNI
10	596814M	8	BOLT, HEX FLANGE 3/4-10 X 2 GR8 MAGNI
11	720001	2	SNAP PIN, 5/16
12	800010	2	DECAL, SAFETY PIN

Eductor Lift – 15 Gal.



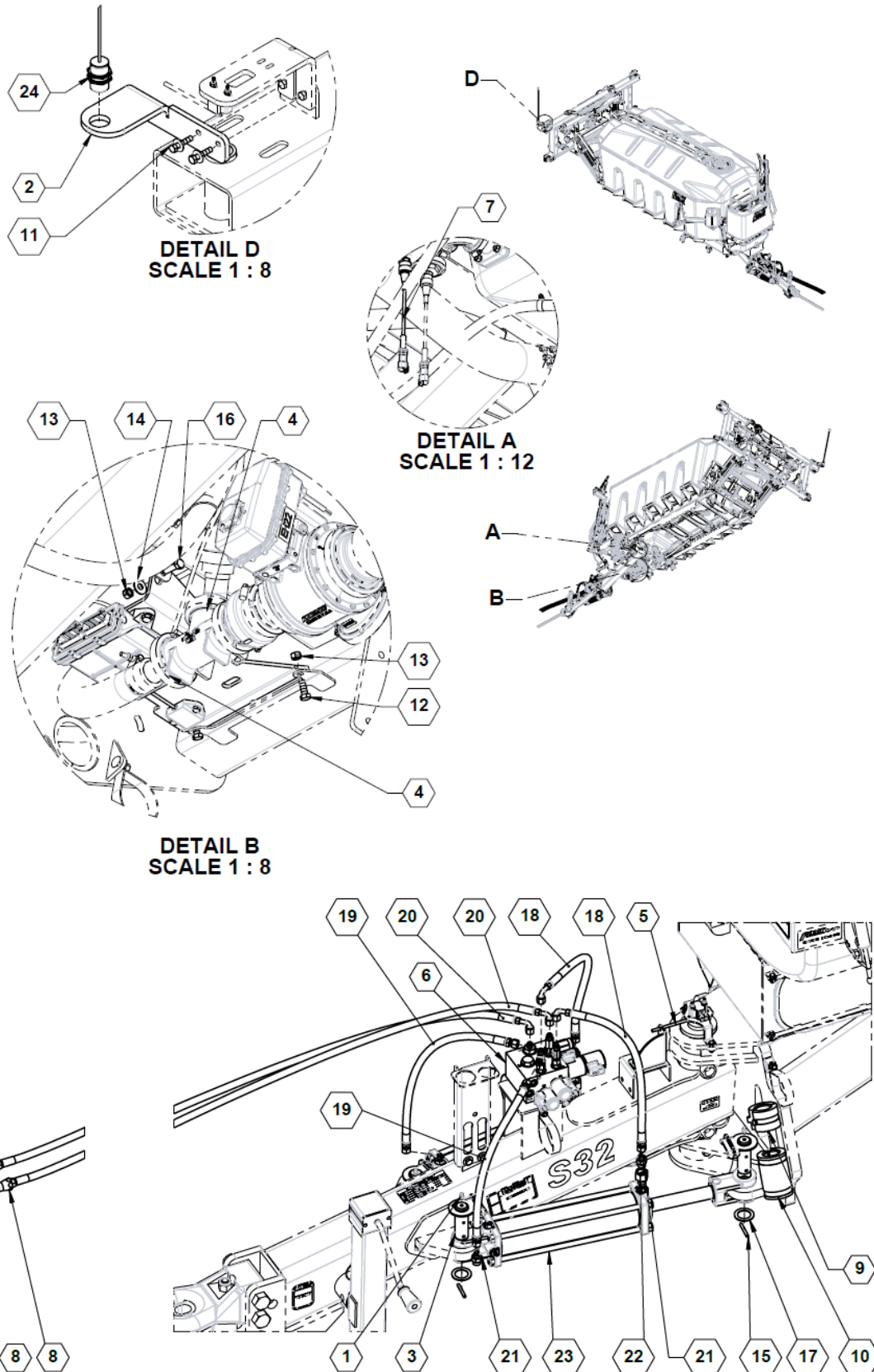
See also: [Eductor Option – 15 Gal.](#)

Parts List 34300: Eductor Lift – 15 Gal.

ITEM	PART NO.	QTY.	DESCRIPTION
1	7981	1	TRANSPORT LOCK PIN
2	34309	1	WELDMENT, LINK UPPER
3	34463	1	WELDMENT, LOWER LINKAGE
4	34562	1	FRAME, EDUCTOR BASE, RH
5	34589	1	WELDMENT, EDUCTOR MOUNT
6	36175	1	WELDMENT, BRACING ARM
7	540052	2	P-CLAMP, 3" W/3/8" HOLE
8	590202	2	SPRING, GAS, TENSION, PRELOAD 125LBS, BALL STUDS
9	590351	4	M10-1.5 HH JAM NUT
10	596152M	2	BOLT, HH 1/2 X 1 GR5 MAGNI
11	596155M	2	BOLT, HH 1/2-13 X 2-1/2 GR5 MAGNI
12	596239M	12	NUT, CENTERLOCK, 1/2-13 MAGNI
13	596260M	16	WASHER, FLAT 1/2 MAGNI
14	596639M	8	BOLT, HH 1/2 X 1-3/4 GR5 MAGNI
15	596844M	1	PIN, SPRING, 1/4 X 1-1/2, MAGNI
16	790001	1	SPRING, EDUCTOR LATCH

STEERABLE HITCH

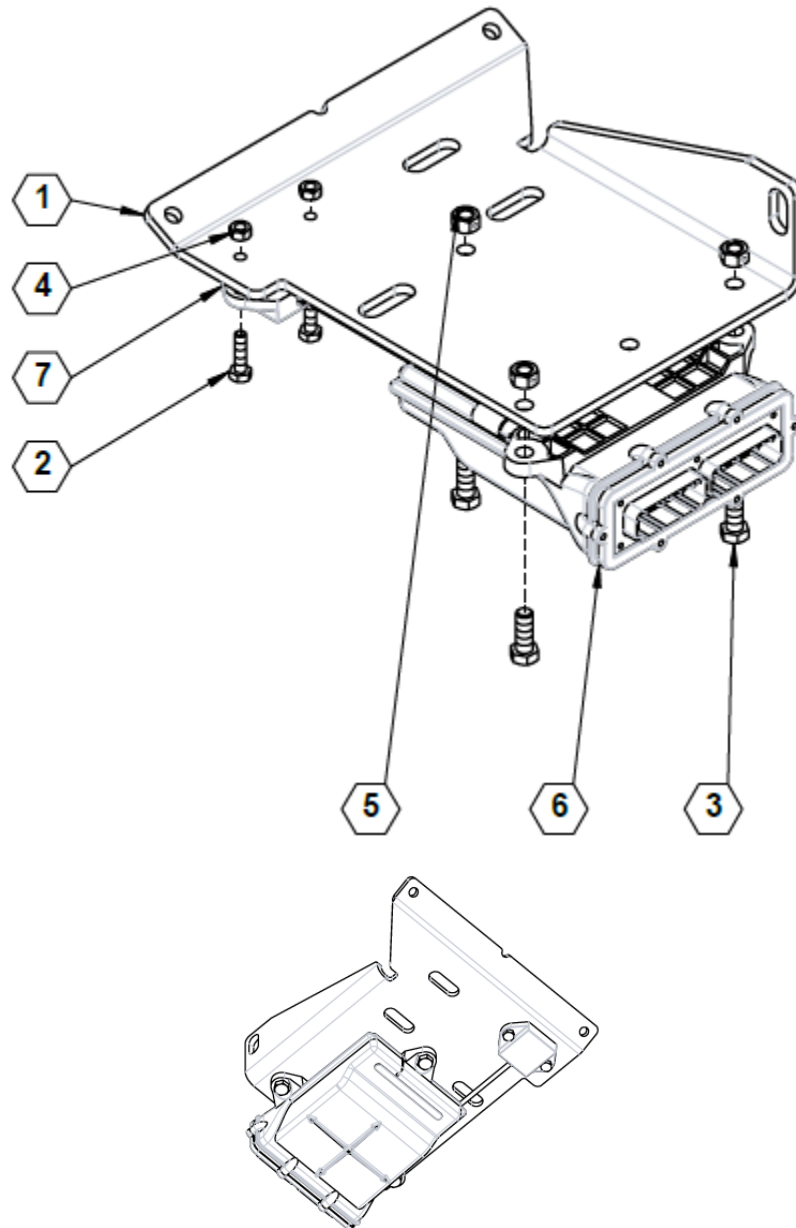
Steerable Hitch Option



Parts List 36681: Steerable Hitch Option

ITEM	PART NO.	QTY.	DESCRIPTION
1	759	4	ZERK, 1/4-28 STRAIGHT PIPE THREAD
2	26344	1	PLATE, PROX MOUNT
3	28927	4	WLDMT, STEERABLE HITCH PIN
4	36682	1	ASSEMBLY, STEER NODE MOUNT
5	36684	1	ASSEMBLY, HITCH ROTATION SENSOR
6	36685	1	ASSEMBLY, STEERABLE HYD BLOCK
7	36686	1	ASSEMBLY, PRESSURE SENSOR
8	520048	2	PIONEER COUPLER #8 FORB
NS	621004	1	HOSE GRIP, #8ORB, TAN/TAN
NS	621008	1	HOSE GRIP, #8ORB, TAN/BLACK
9	590414	2	CYLINDER STOP, 2"
10	590415	2	CYLINDER STOP, 4.25"
11	596116M	2	BOLT, HH 5/16-18 X 1-1/2 GR5 MAGNI
12	596128M	2	BOLT, HH 3/8-16 X 1 GR5 MAGNI
13	596237M	3	NUT, CENTERLOCK 3/8-16 MAGNI
14	596258M	1	WASHER, FLAT 3/8 MAGNI
15	596301M	4	PIN, SPRING, 1/4 X 2" MAGNI
16	596635M	1	BOLT, HH 3/8-16 x 1-1/4 MAGNI
17	596744M	4	BUSHING, MACHINE, 1-1/4 x 14 GA MAGNI
18	600138-01-ZN	2	HOSE ASSY, 6-6FJX-6FJX90-26
19	600138-02-ZN	2	HOSE ASSY, 6-6FJX-6FJX-25
20	600138-03-ZN	2	HOSE ASSY, 6-6FJX-6FJX-81
21	610011	4	JIC #6 TO ORING #8
22	610095	2	.093 ORIFICE FITTING
23	620103	2	CYLINDER, 3" X 12" 1-1/4" ROD
24	632022	1	PROXIMITY SENSOR
NS	632233	1	CABLE, 3 PIN DEUTSCH EXTENSION 5'
25	830017	0	SCHEMATIC, HYDRAULIC S-SERIES

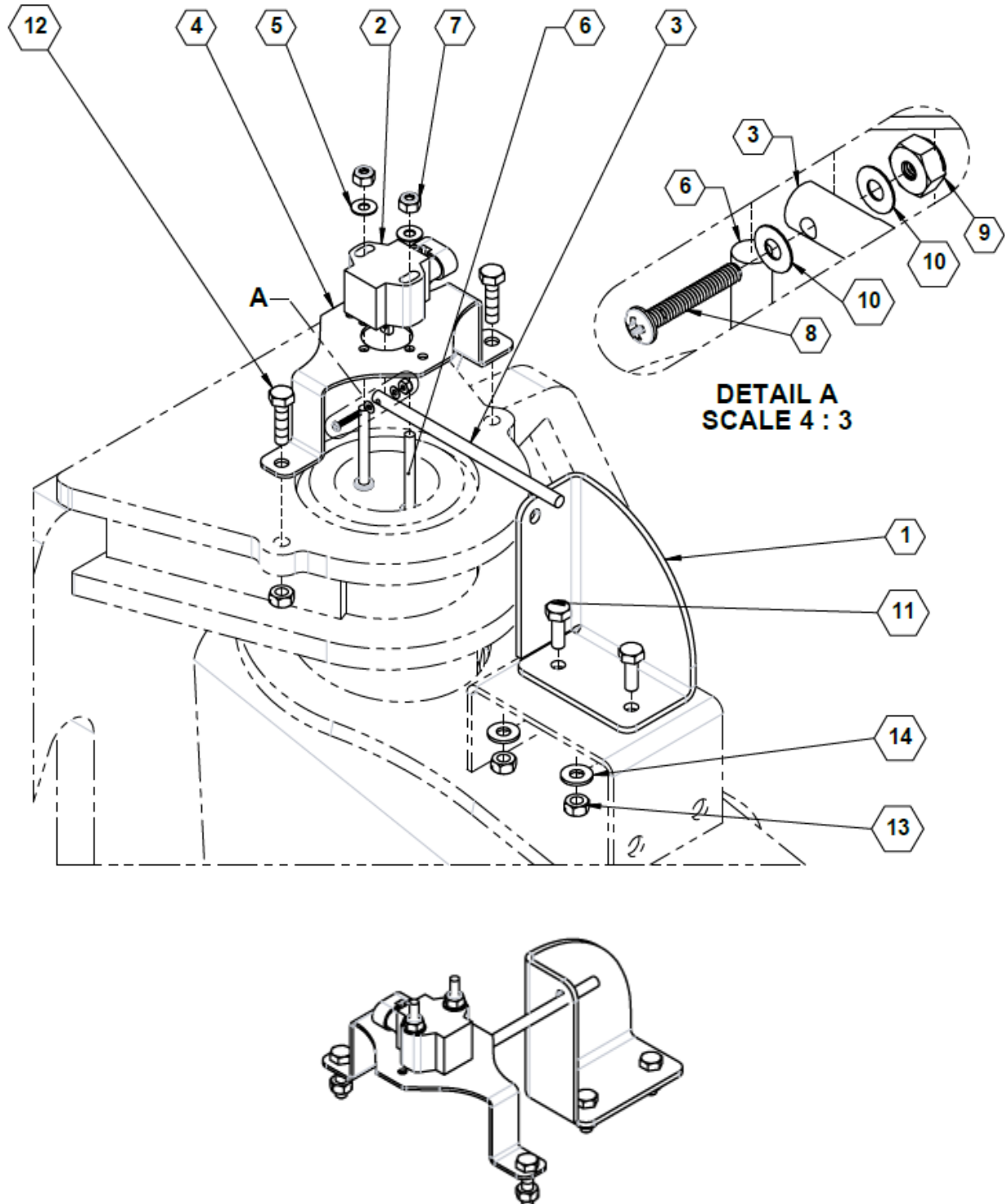
Steerable Hitch Node Mount



Parts List 36682: Steerable Hitch Node Mount

ITEM	PART NO.	QTY.	DESCRIPTION
1	36683	1	PLATE, STEER NODE BRACKET
2	596102M	2	BOLT, HH 1/4-20 X 1 GR5 MAGNI
3	596128M	3	BOLT, HH 3/8-16 X 1 GR5 MAGNI
4	596235M	2	NUT, CENTERLOCK, 1/4-20 MAGNI
5	596237M	3	NUT, CENTERLOCK 3/8-16 MAGNI
6	632020	1	RAVEN STEERING NODE
7	632098	1	KIT, SENSOR, TILT

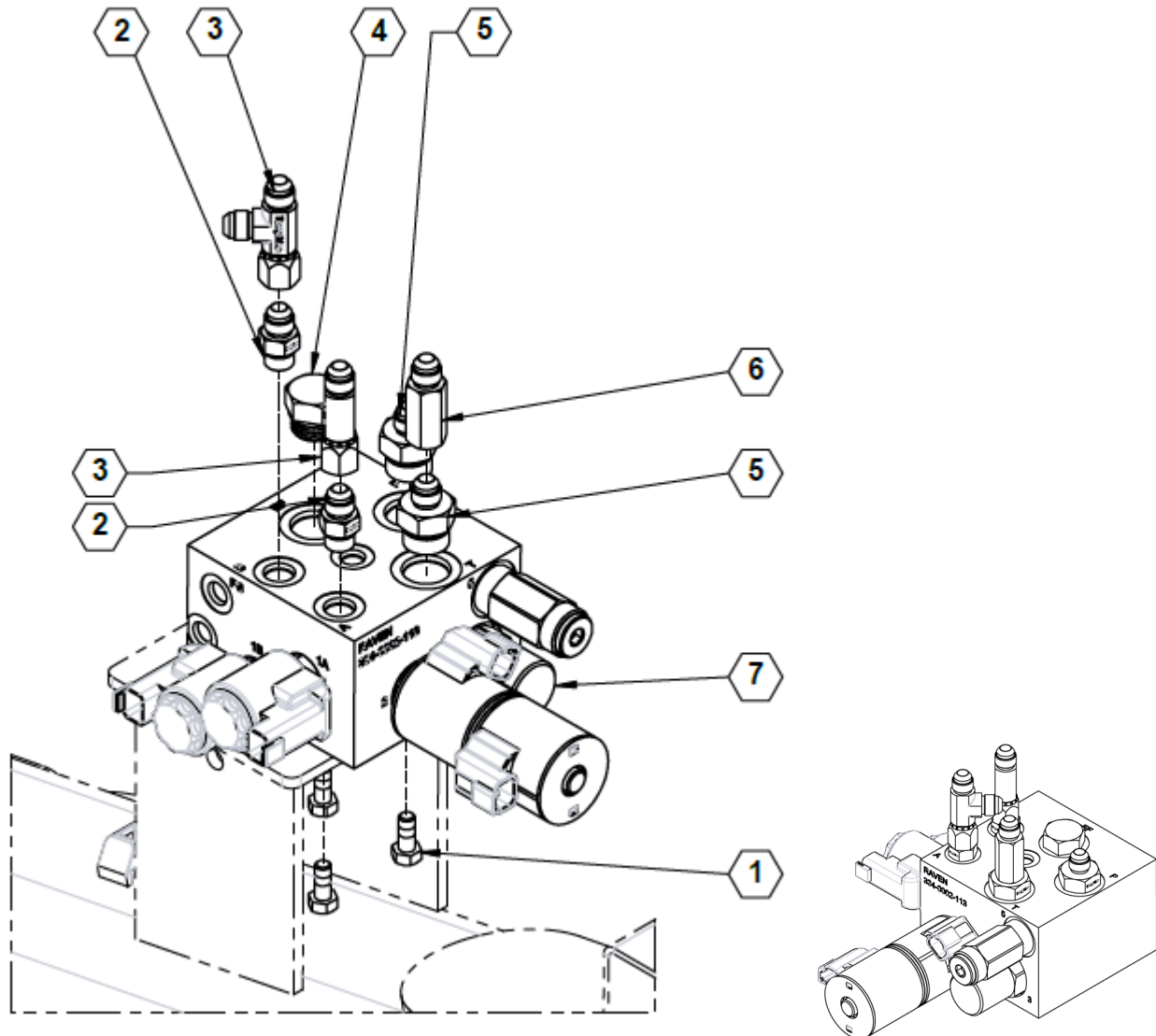
Steerable Hitch Rotation Sensor



Parts List 36684: Steerable Hitch Rotation Sensor

ITEM	PART NO.	QTY.	DESCRIPTION
1	21273	1	INDICATOR, STEERABLE HITCH
2	21495	1	180 ROTARY SENSOR
3	22906	1	ROD, ROTARY SENSOR LEVER
4	26190	1	MOUNT, SENSOR
5	590272	2	WASHER SAE #10 SS18-8
6	590273	2	SCREW PHIL 10-24 X 1.75 SS18-8
7	590274	2	NUT NYLON 10-24 SS18-8
8	590275	1	SCREW PHIL 3-48 X .625 SS18-8
9	590276	1	NUT NYLON 3-48 SS18-8
10	590277	2	WASHER #3 SS18-8
11	596101M	2	BOLT, HH 1/4-20 X 3/4 GR5 MAGNI
12	596102M	2	BOLT, HH 1/4-20 X 1 GR5 MAGNI
13	596235M	4	NUT, CENTERLOCK, 1/4-20 MAGNI
14	596256M	2	WASHER, FLAT 1/4 USS MAGNI

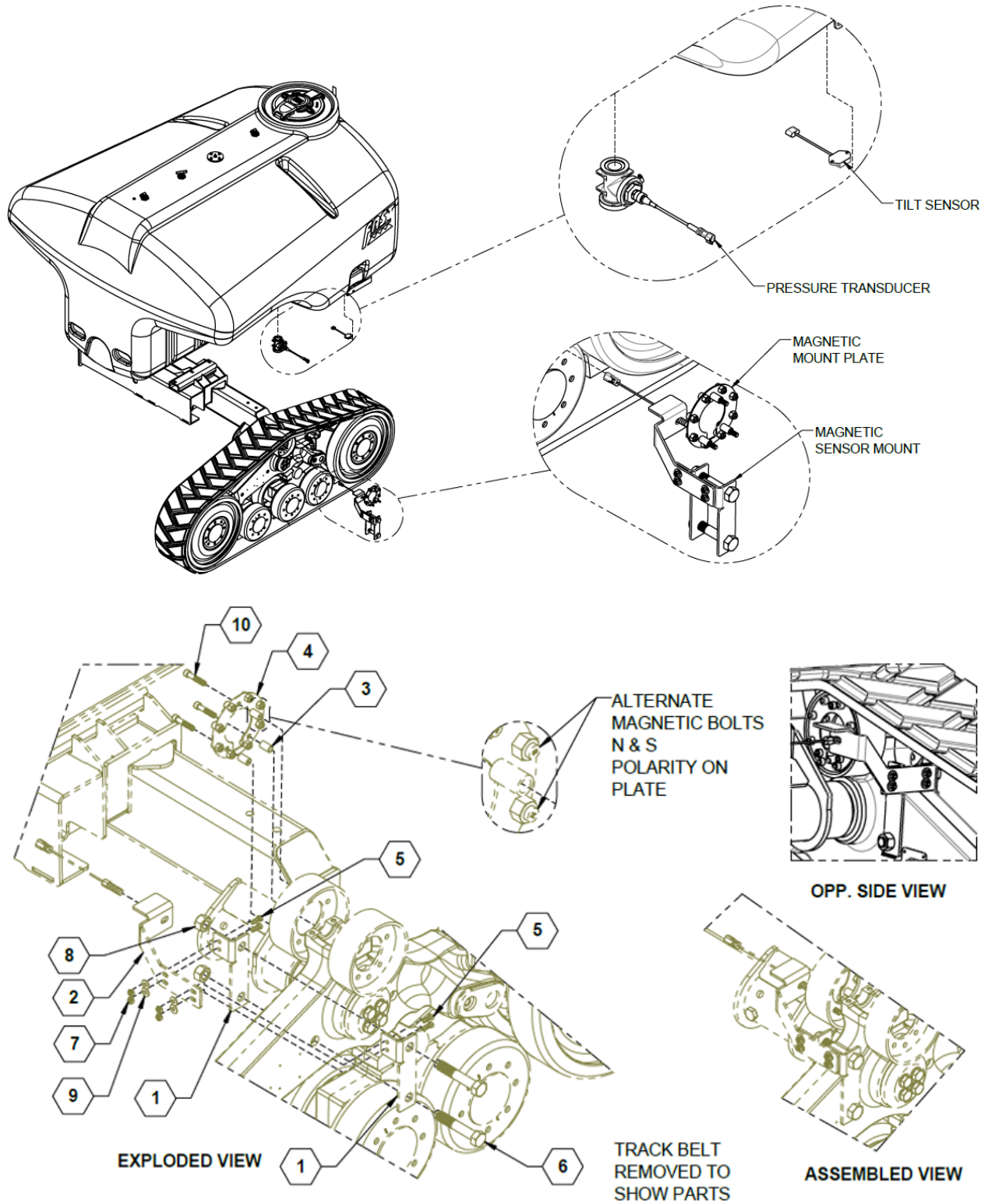
Steerable Hitch Hydraulic Block



Parts List 36685: Steerable Hitch Hydraulic Block

ITEM	PART NO.	QTY.	DESCRIPTION
1	596114M	4	BOLT, HH 5/16-18X3/4 GR5 MAGNI
2	610010	2	ADAPTER, -6MJIC X -6MORB
3	610027	2	JIC #6 RUN TEE
4	610056	1	PLUG, -10 MORB HEX
5	610192	2	FITTING, 06MJ-10MORB STRAIGHT
6	610193	1	CHECK VALVE, 06FJ-06MJ STRAIGHT
7	632021	1	VALVE BLOCK, RAVEN STEERING

Steerable Hitch Hillside Compensator, Tracks



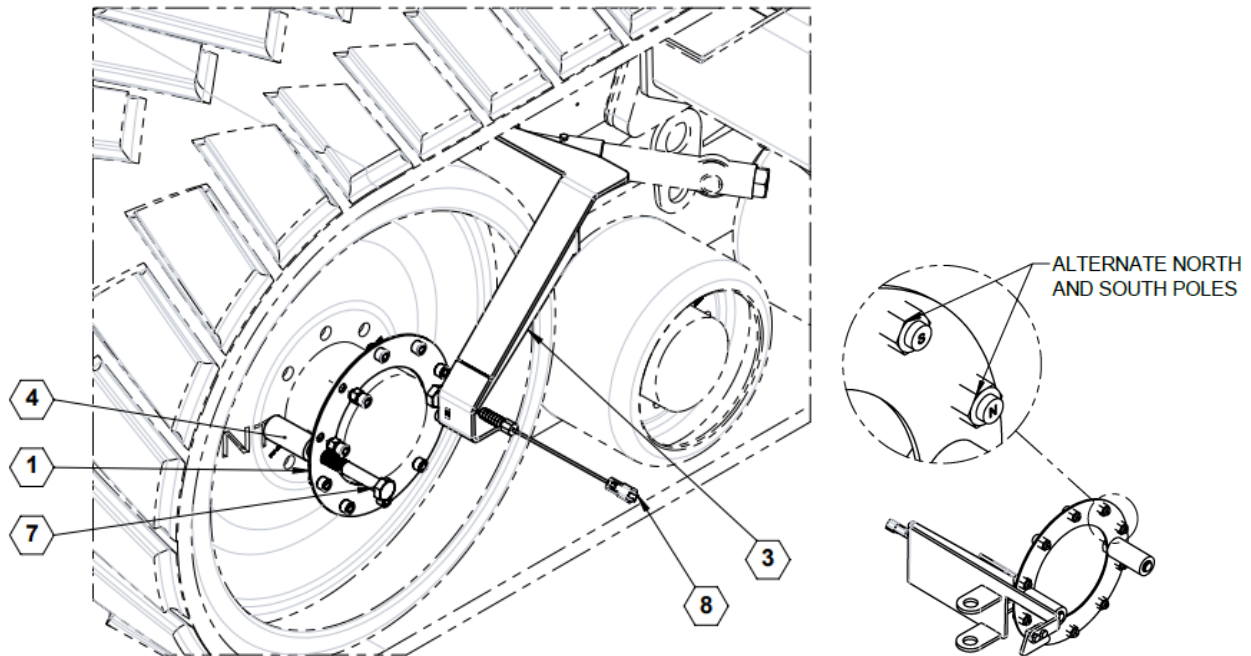
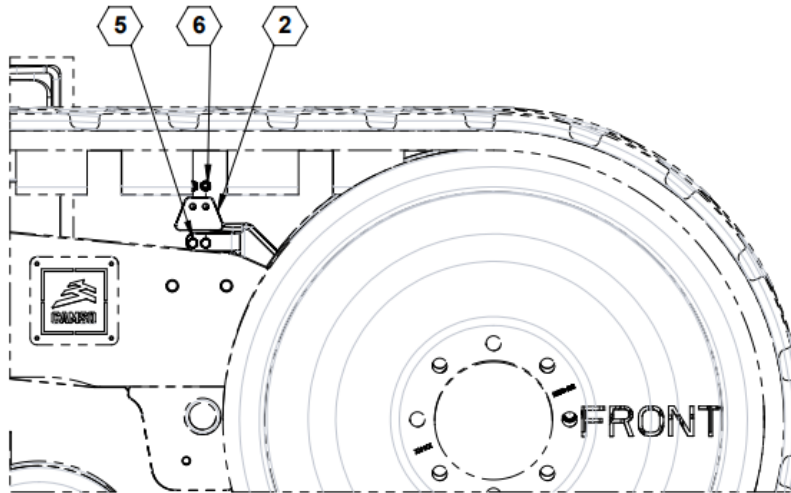
Parts List 28175: Steerable Hitch Hillside Compensator, Tracks

ITEM	PART NO.	QTY.	DESCRIPTION
1	27239	2	BRACKET, VERTICAL SUPPORT
2	27240	1	BRACKET, SENSOR SUPPORT
3	27241	3	SPACER, MAGNET SENSOR PLATE
4	27242	1	PLATE, MAGNET MOUNT
5	596128M	4	BOLT, HH 3/8-16 X 1 GR5 MAGNI
6	596205M	2	BOLT, HEX 1-8 X 5-1/2 GR5 MAGNI
7	596237M	4	NUT, CENTERLOCK 3/8-16 MAGNI
8	596242M	2	NUT, CENTERLOCK, 1" MAGNI
9	596258M	4	WASHER, FLAT 3/8 MAGNI
10	596835	3	SCREW, SOCKET HEAD CAP, M12X1.75 X 60MM 12.9 ZP

See also:

- [Eductor Supply and Hillside Pressure Compensation](#)
- [Steerable Hitch Node Mount](#)

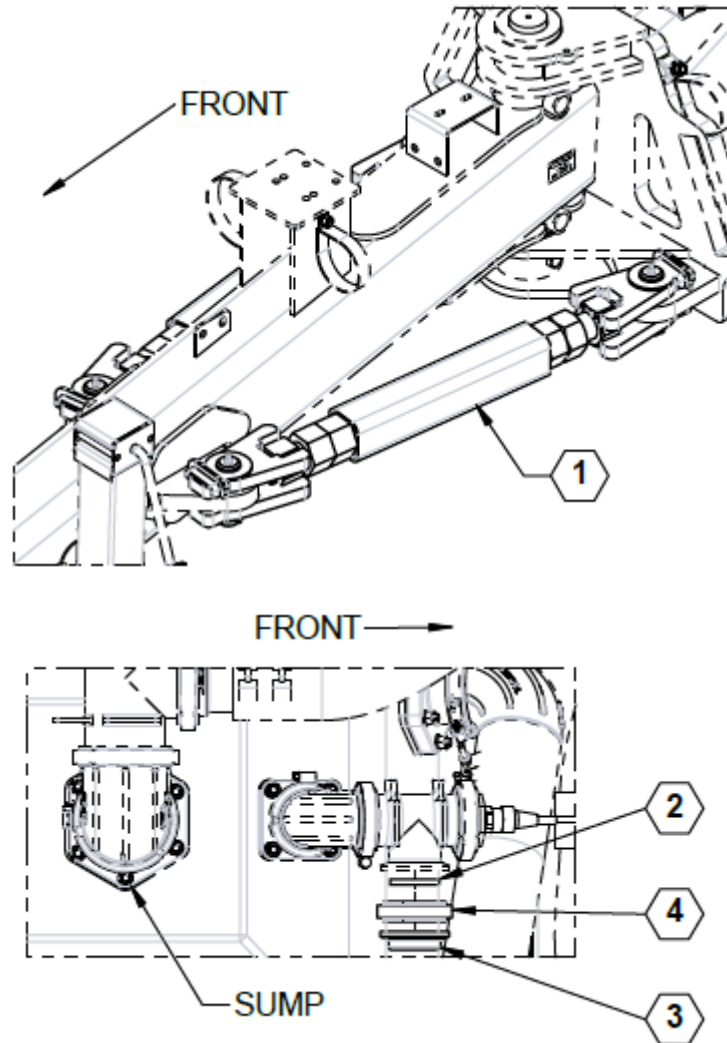
Steerable Hitch Reverse Detection Sensors



Parts List 28200: Steerable Hitch Reverse Detection Sensors

ITEM	PART NO.	QTY.	DESCRIPTION
1	28199	1	PLATE, MAGNET MOUNT
2	28218	1	PLATE, BRACKET ORIENTATOR
3	28231	1	WELDMENT, SENSOR REAR BRACKET
4	28234	2	TUBE, MAGNET PLATE SPACER
5	596114M	2	BOLT, HH 5/16-18X3/4 GR5 MAGNI
6	596236M	2	NUT, CENTERLOCK, 5/16-18 MAGNI
7	596825M	2	BOLT, HH 10.9 M20 X 90MM MAGNI
8	632096	1	KIT, REVERSE DETECTION, 15K, 20K & CAMSO

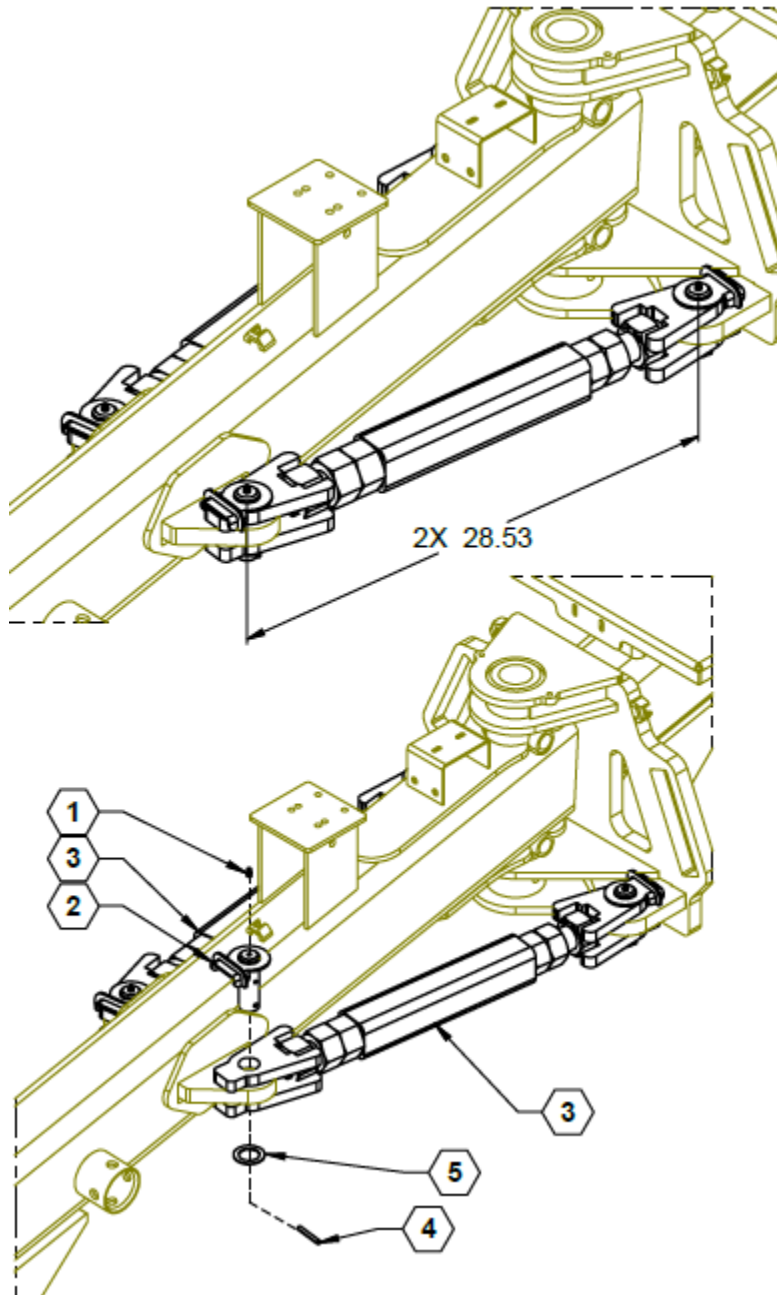
Steerable Hitch Ready Option



Parts List 36680: Steerable Hitch Ready Option

ITEM	PART NO.	QTY.	DESCRIPTION
1	35850	1	OPTN, STRBL HITCH READY
2	530014	1	GASKET, 1.500 EPDM
3	530093	1	PLUG, MANIFOLD, 2.00
4	540001	1	CLAMP, 2.00 STD WORM SCREW

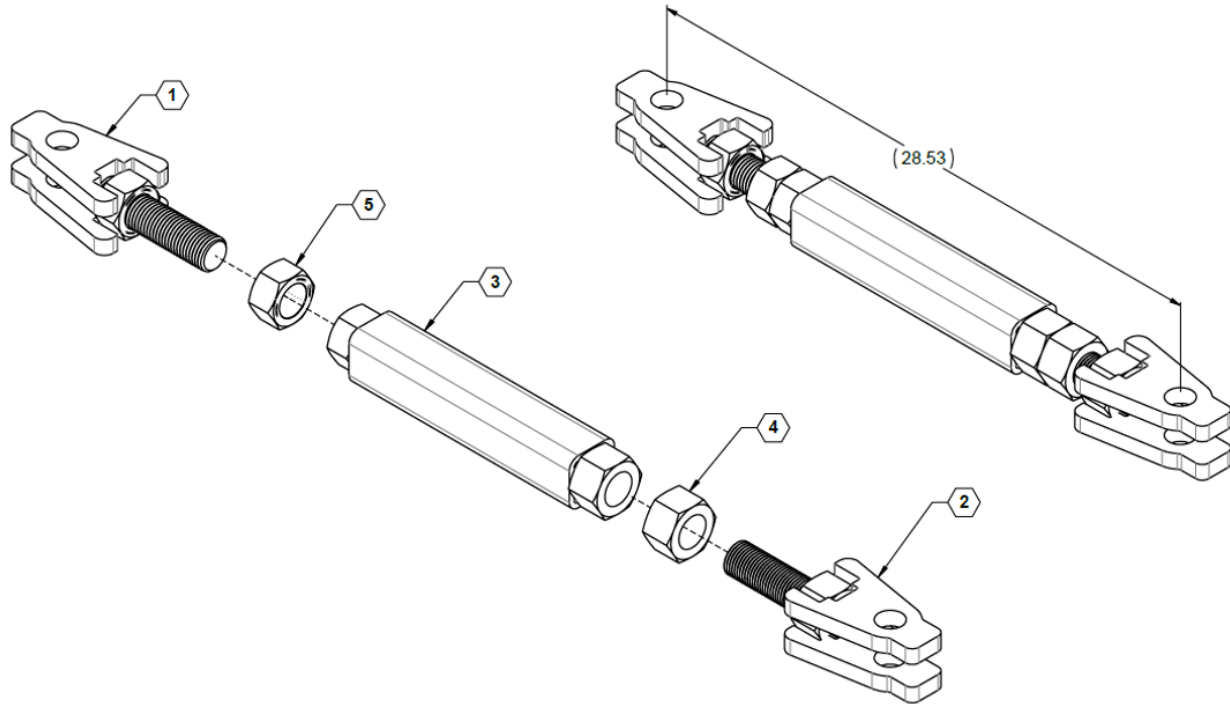
Steerable Hitch Ready Links



Parts List 35850: Steerable Hitch Ready Links

ITEM	PART NO.	QTY.	DESCRIPTION
1	759	4	ZERK, 1/4-28 STRAIGHT PIPE THREAD
2	28927	4	WLDMT, STEERABLE HITCH PIN
3	35705	2	ASSY, TURNBUCKLE
4	596301M	4	PIN, SPRING, 1/4 X 2" MAGNI
5	596744M	4	BUSHING, MACHINE, 1-1/4 x 14 GA MAGNI

Steerable Hitch Locking Turnbuckle



Parts List 35705: Steerable Hitch Locking Turnbuckle

ITEM	PART NO.	QTY.	DESCRIPTION
1	35736	1	WELDMENT, LH TURNBUCKLE
2	35737	1	WELDMENT, RH TURNBUCKLE
3	35738	1	WELDMENT, TURNBUCKLE CLAMP
4	596813M	1	NUT, HEX 1-1/2-6 GR8 MAGNI
5	596857M	1	NUT, LH HEX 1-1/2-6 GR8 MAGNI

TRAILER AXLES, TIRES, & TRACKS

See also:

- Axles
 - 26756 Axle Spacer
 - 35683 Single Axle 25k 80"-120"
 - 36360 Single Axle 25k 84"-144"
 - 26742 / 27939 Track Axle 88"-132"
 - 26743 / 27947 Track Axle 120"-144"
 - 28235 Track Axle 25" TTS 90" & 120"
- Tires
 - 26749 / 26876 480/80R50 Singles
 - 35684 / 35685 580/85R42 Singles
 - 36351 / 36352 710/70R42 Singles
 - 26750 / 26877 380/80R46 Duals
 - 26751 / 26878 380/90R54 Duals
- Tracks
 - 700202 / 700206 15" TTS
 - 700212 / 700225 18" TTS
 - 700211 / 700224 25" TTS

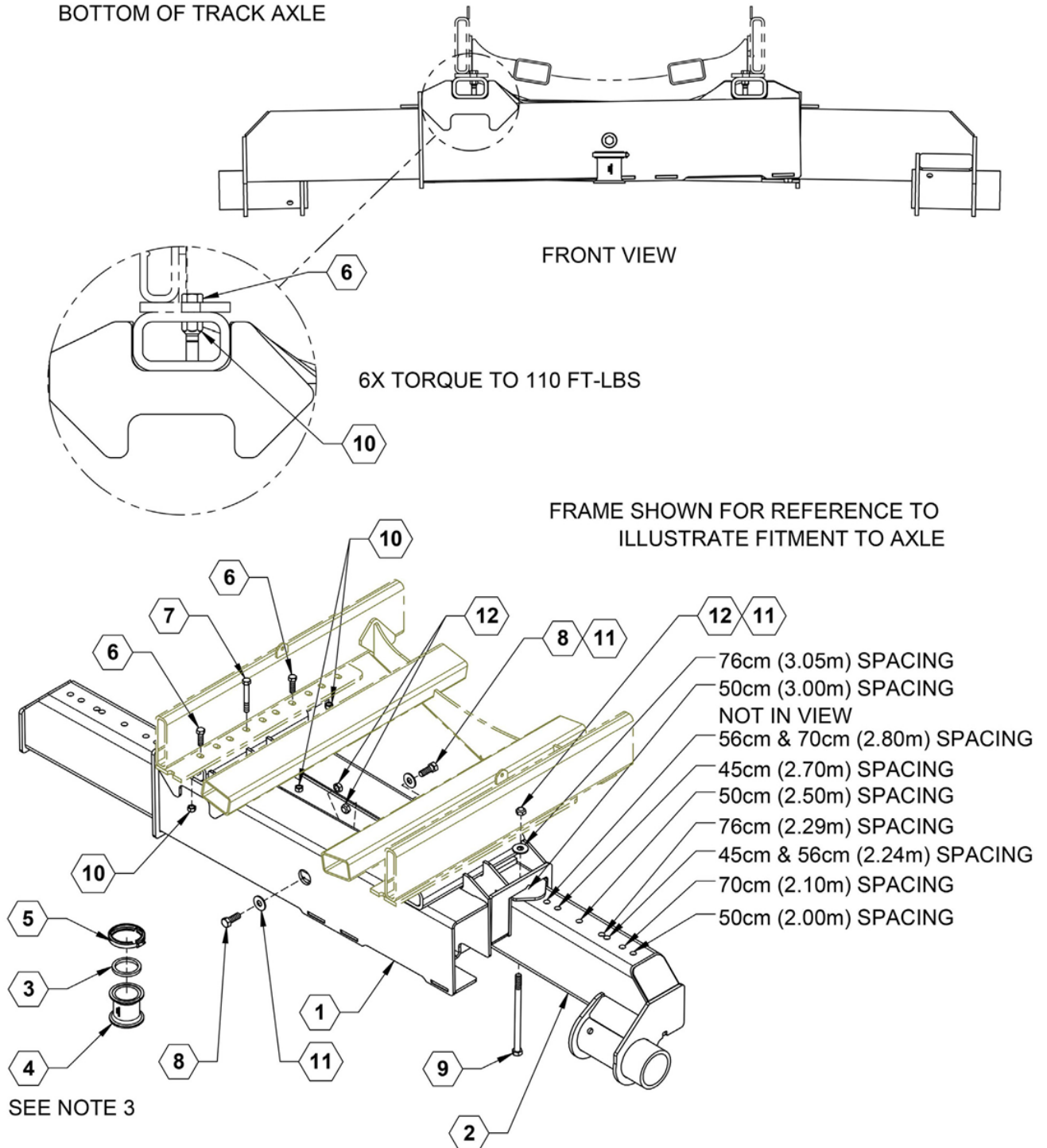


[820128-Tires-Tracks-and-Axles-Catalog-Parts-Manual-English.pdf](#)

Adjustable Track Axle, 80" - 144"

NOTES:

1. BOLTS TO BE INSTALLED IN ORIENTATION SHOWN
2. BOLTS TO BE TIGHTENED WITH 1/2" IMPACT
3. ADD 3" FLANGE COUPLING TO BOTTOM OF SUMP ON TANK
ABOVE THE 3" FLANGE SWEEP MANIFOLD TO CLEAR THE
BOTTOM OF TRACK AXLE





ILLUSTRATED PARTS LIST

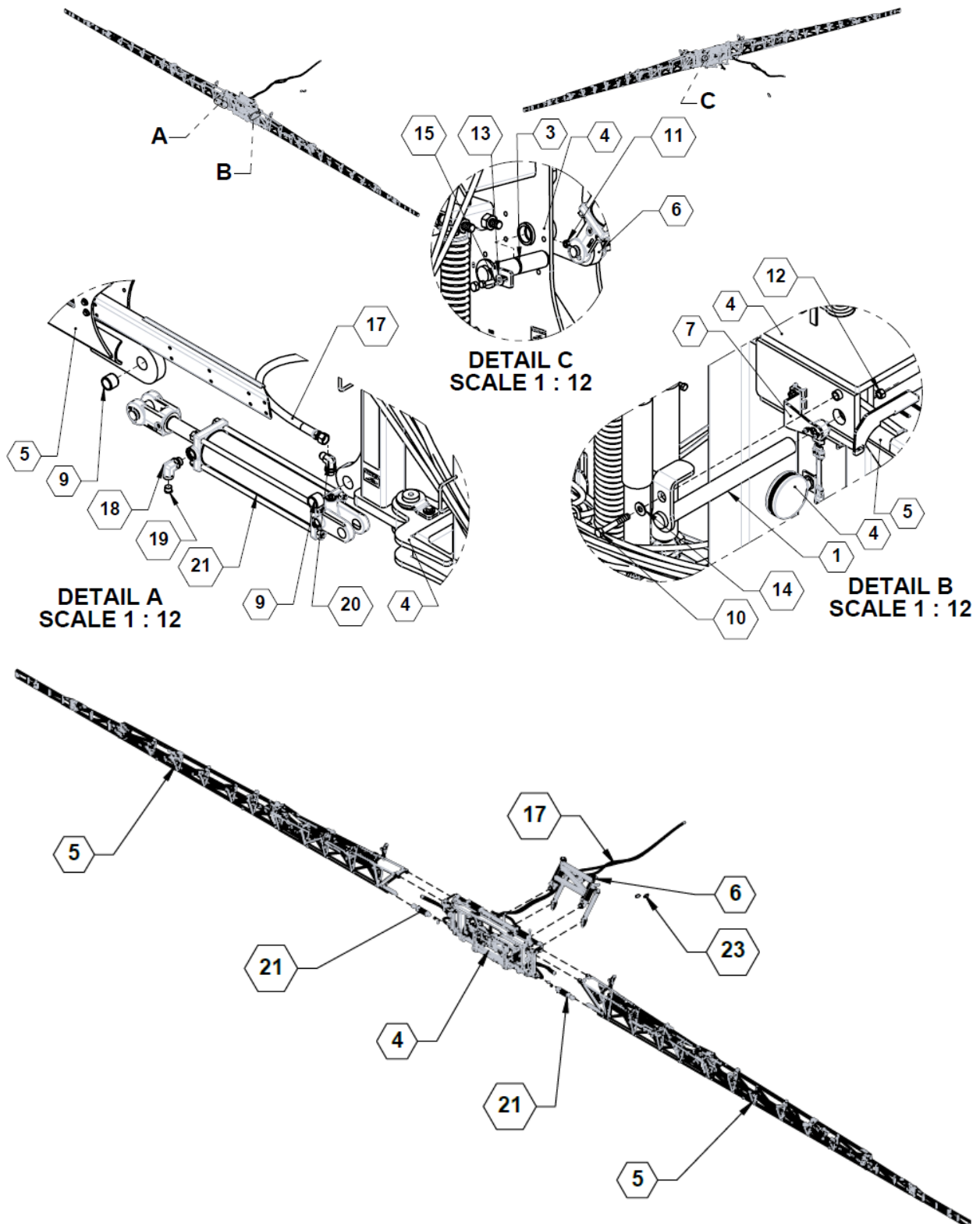
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Parts List 26742 / 26743 / 27939 / 27947 / 28235: Adjustable Track Axle, 80" - 144"

ITEM	PART NO.	QTY.	DESCRIPTION
1	23955	1	AXLE RECEIVER
2	23958	2	ADJUSTABLE TRACK AXLE, 80" - 132"
	26312	2	ADJUSTABLE TRACK AXLE, 84" - 144"
	27948	2	ADJUSTABLE TRACK AXLE, 45-76cm
	28226 / 28233	1 ea.	WLDMT, LH AXLE, 90 & 120", TTS 70 25" TRACKS
3	530024	1	GASKET, 3" EPDM
4	530443	1	FLANGE COUPLING 3"
5	540003	1	CLAMP, WORM SCREW 3"
6	596170M	4	BOLT, HH 5/8-11X2 GR5 MAGNI
7	596177M	2	BOLT, HH 5/8-11X4.5 GR5 MAGNI
8	596184M	2	BOLT, HH 3/4X2 GR5 MAGNI
9	596210M	2	BOLT, HH 3/4-10 X 12 GR5 MAGNI
10	596243M	6	NUT, TOPLOCK 5/8-11 G8 MAGNI
11	596259M	4	WASHER, FLAT 3/4 MAGNI
12	596626M	4	NUT, TOPLOCK 3/4-10 G5 MAGNI
13	800259	1	DECAL, CAUTION - TRACK FIRE

BOOM & TOUCHDOWN WHEELS

Truss Boom 120' / 132'





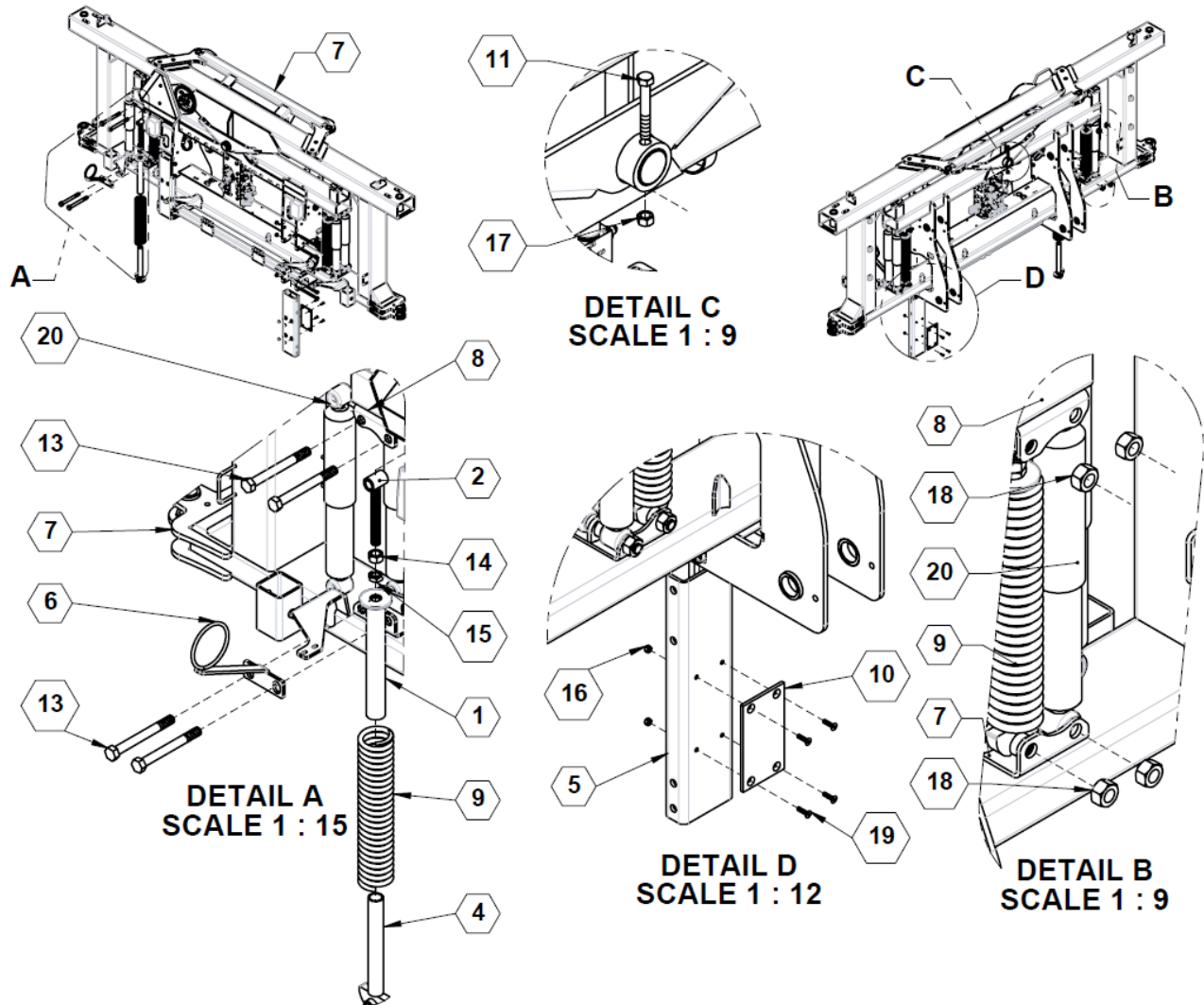
ILLUSTRATED PARTS LIST

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Parts List 36700 / 36750: Truss Boom 120' / 132'

ITEM	PART NO.	QTY.	DESCRIPTION
1	18265	2	PIN, 1 1/2" MAIN WING
2	18268	2	DOM, 7/16" Lg
3	35561	4	(HEAD OUTSIDE, SHOWN) PIN, TRUSS CRADLE
	36898		(HEAD INSIDE) PIN, REVERSED TRUSS CRADLE
4	36699	1	BOOM, CENTER SECTION WITH HINGES
5	36705	2	BOOM 120, WINGS
	36755		BOOM 132, WINGS
6	36706	1	ASSEMBLY, P-LINKS AND ACCUMULATOR
7	36709	1	ASSEMBLY, XRT AUTOBOOM
8	530280	4	BUSHING 1.5ID x 1.75OD x .75LG
9	530281	4	SPRING BUSHING 1" I.D.
10	596157M	2	BOLT, HH 1/2 X 3-1/2 GR5 MAGNI
11	596237M	4	NUT, CENTERLOCK 3/8-16 MAGNI
12	596239M	2	NUT, CENTERLOCK, 1/2-13 MAGNI
13	596258M	4	WASHER, FLAT 3/8 MAGNI
14	596260M	2	WASHER, FLAT 1/2 MAGNI
15	596635M	4	BOLT, HH 3/8-16 x 1-1/4 MAGNI
16	600131	1	HOSE KIT, TRUSS BOOM CENTER
17	600135	1	HOSE KIT, 120' / 132' BOOM
18	610035	2	ADAPTER, -8MORB X -6FPT 90
19	610036	2	BREATHER VENT, PLUG MALE 3/8-18 NPT
20	610097	2	ADAPTER, -8MJIC X -8MORB90
21	620028	2	CYLINDER, 3" X 12" 1-1/4" ROD
22	632055	1	CABLE, 17' EXTENSION GEN 1 ISO
23	800375	2	DECAL, -120 SILVER, 120FT BOOM

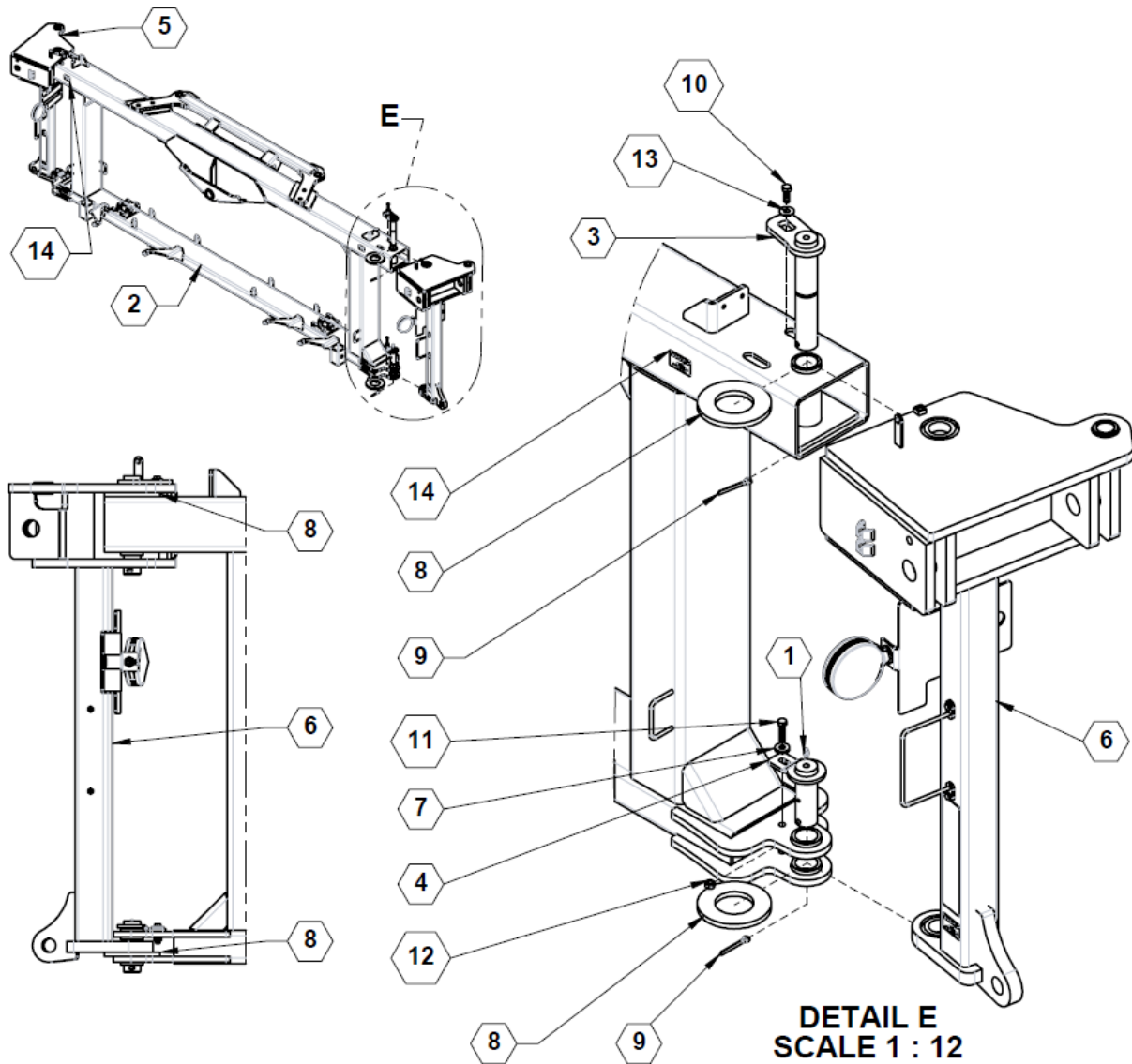
Truss Boom Center Section with Hinges



Parts List 36699: Truss Boom Center Section with Hinges

ITEM	PART NO.	QTY.	DESCRIPTION
1	7442	4	OUTER SPRING GUIDE
2	7444	4	SPRING ADJUSTMENT EYEBOLT
3	11515	1	PIN, MAIN PIVOT
4	11620	4	BASE SPRING MT
5	16518	2	TUBE, CRADLE LOCK
6	18387	2	FEED HOSE MOUNT
7	22005	1	WLDMNT, TRUSS CENTER SECTION
8	36712	1	ASSEMBLY, BOOM INNER TO P-LINK
9	590011	4	CENTER SECTION SPRING
10	590079	2	RUB PLATE
11	596157M	1	BOLT, HH 1/2 X 3-1/2 GR5 MAGNI
12	596163M	8	BOLT, HH 1/2 X 6-1/2 GR5 MAGNI
13	596194M	8	BOLT, HH 3/4-10 X 7 GR5 MAGNI
14	596217M	4	NUT, HEX 3/4-10 G5 MAGNI
15	596225M	4	NUT, HEX JAM 3/4-10 GR8 MAGNI
16	596227M	8	NUT, HEX NYLOCK 1/4-20 MAGNI
17	596239M	9	NUT, CENTERLOCK, 1/2-13 MAGNI
18	596241M	8	NUT, CENTERLOCK 3/4-10 MAGNI
19	596630M	8	FHSCS 1/4-20 X 1 MAGNI
20	790010	4	SHOCK, YELLOW 7400 120' CENTER

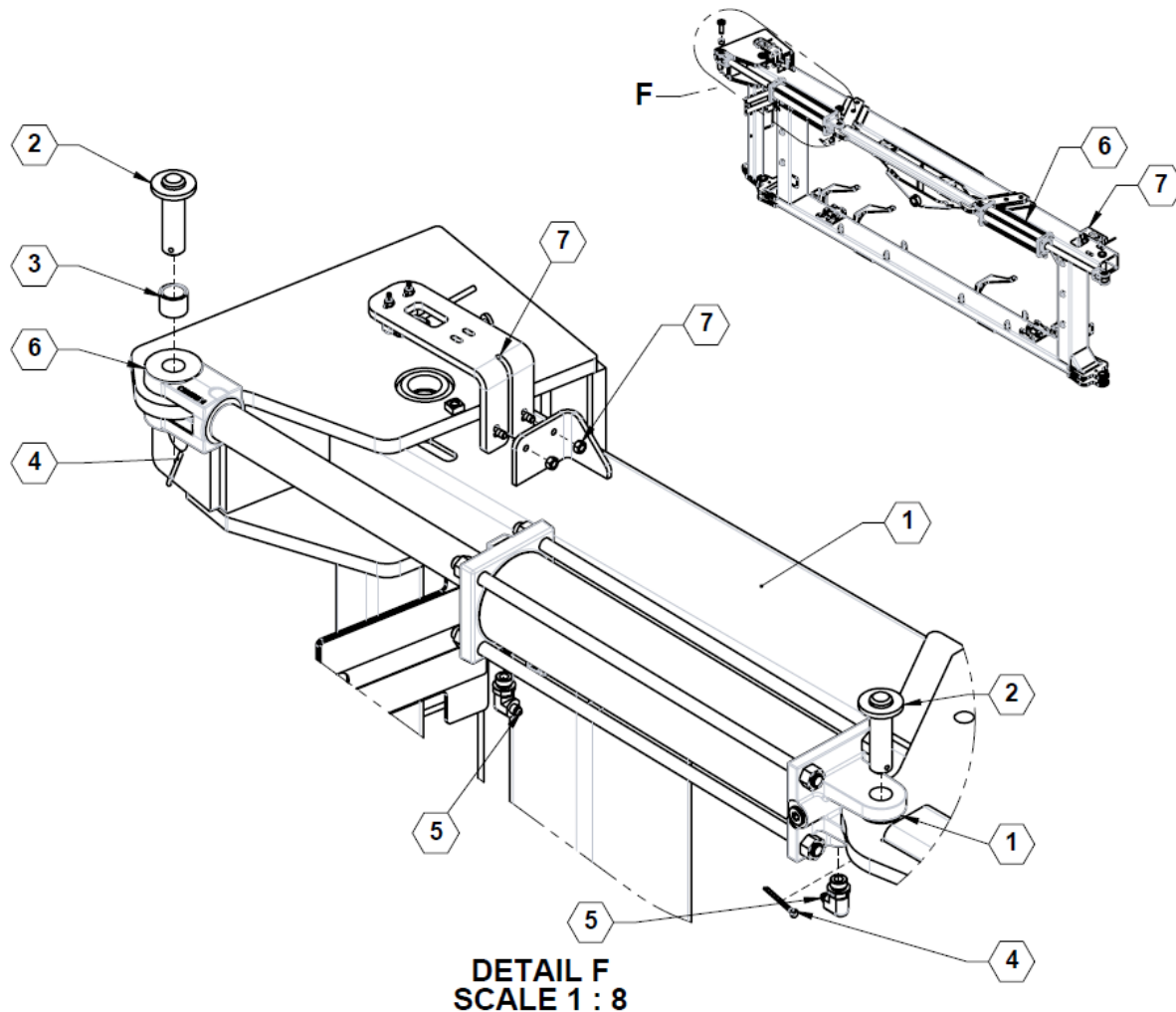
Truss Boom Center Section with Hinges (continued)



Parts List 36699: Truss Boom Center Section with Hinges

ITEM	PART NO.	QTY.	DESCRIPTION
1	759	2	ZERK, 1/4-28 STRAIGHT PIPE THREAD
2	22005	1	WLDMNT, TRUSS CENTER SECTION
3	35566	2	WLDMT, SENSOR PIN
4	35568	2	WLDMNT, LOWER PIVOT PIN
5	36713L	1	ASSEMBLY, CENTER HINGE, LEFT
6	36713R	1	ASSEMBLY, CENTER HINGE, RIGHT
7	530309	2	WASHER, 1.00 OD X .406 ID X .188, MAGNI
8	590038	4	WASHER, 2 5/8" ID THRUST
9	590403	4	COTTER PIN, 1/4" X 2"
10	596128M	2	BOLT, HH 3/8-16 X 1 GR5 MAGNI
11	596129M	2	BOLT, HH 3/8-16X1-1/2 GR5 MAGNI
12	596237M	2	NUT, CENTERLOCK 3/8-16 MAGNI
13	596258M	2	WASHER, FLAT 3/8 MAGNI
14	800287	2	DECAL, GREASE PIVOT POINTS

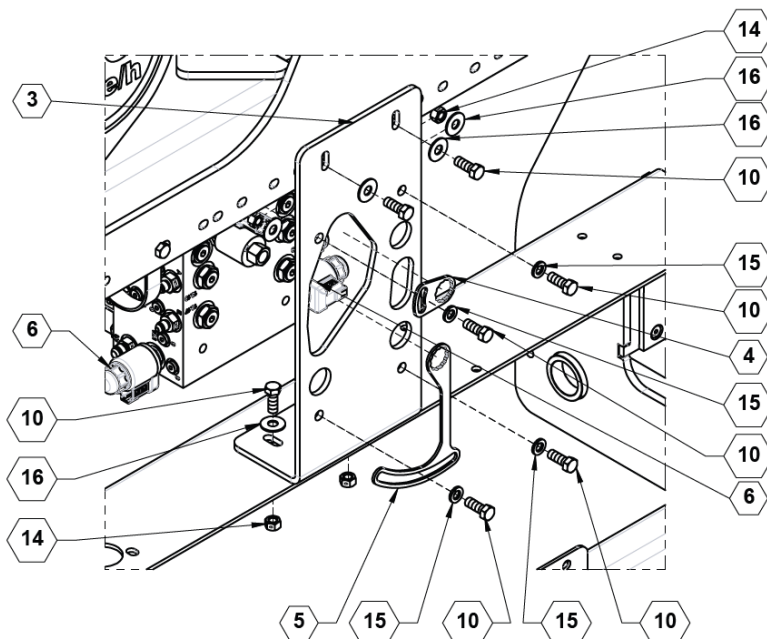
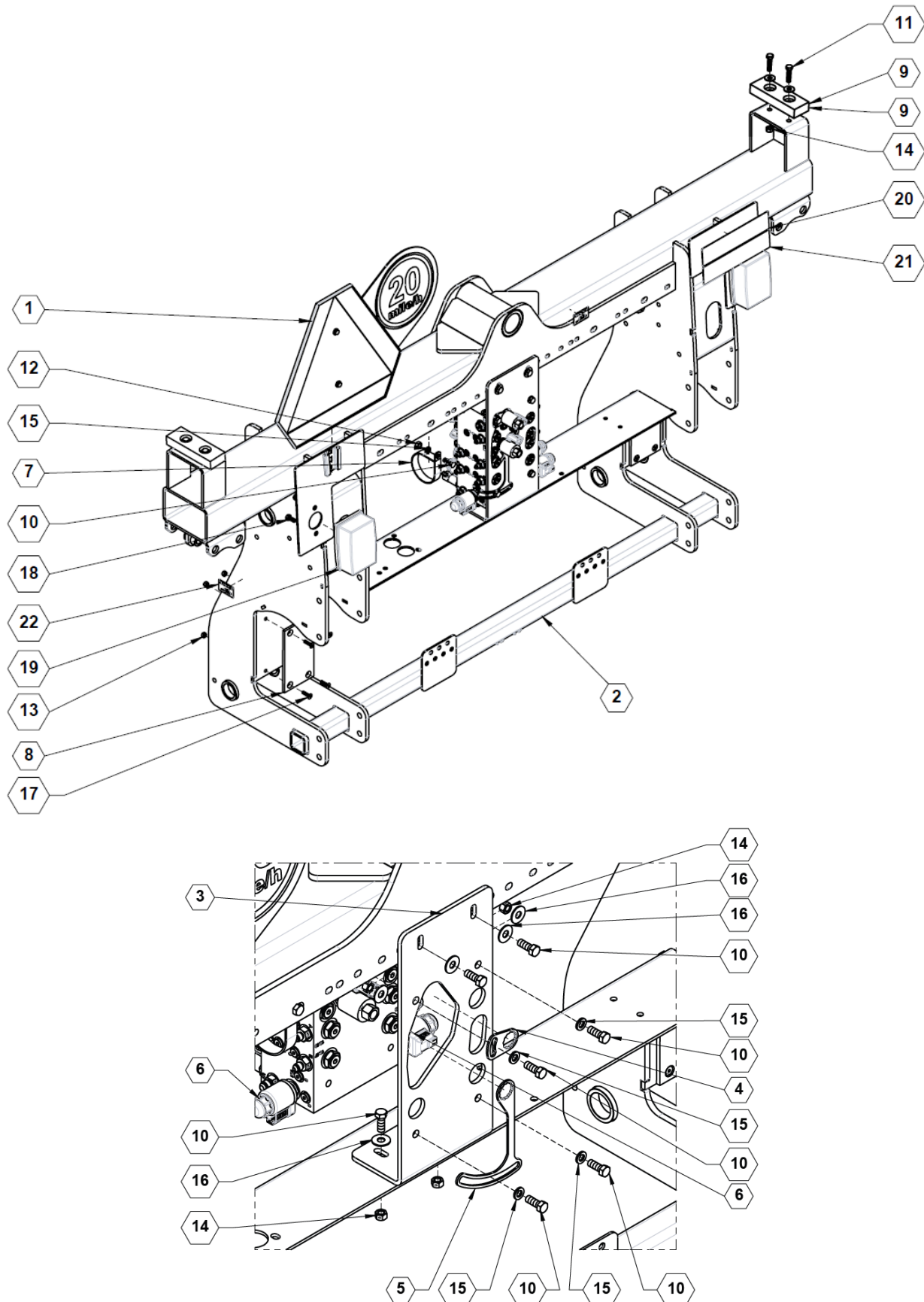
Truss Boom Center Section with Hinges (continued)



Parts List 36699: Truss Boom Center Section with Hinges

ITEM	PART NO.	QTY.	DESCRIPTION
1	22005	1	WLDMNT, TRUSS CENTER SECTION
2	28111	4	PIN WLDMNT, 1.00 CYL PIN
3	590248	4	SLEEVE BEARING, 1.00ID, 1.25OD, 1.00LG, CAST BRONZE
4	596808M	4	COTTER PIN, 3/16 X 2" MAGNI
5	610029	4	ADAPTER, -4MJIC X -8MORB90
6	620077	2	CYLINDER, 4 X 18"
7	36707	2	ASSEMBLY, ROTATION SENSOR

Truss Boom Inner Center to P-Link

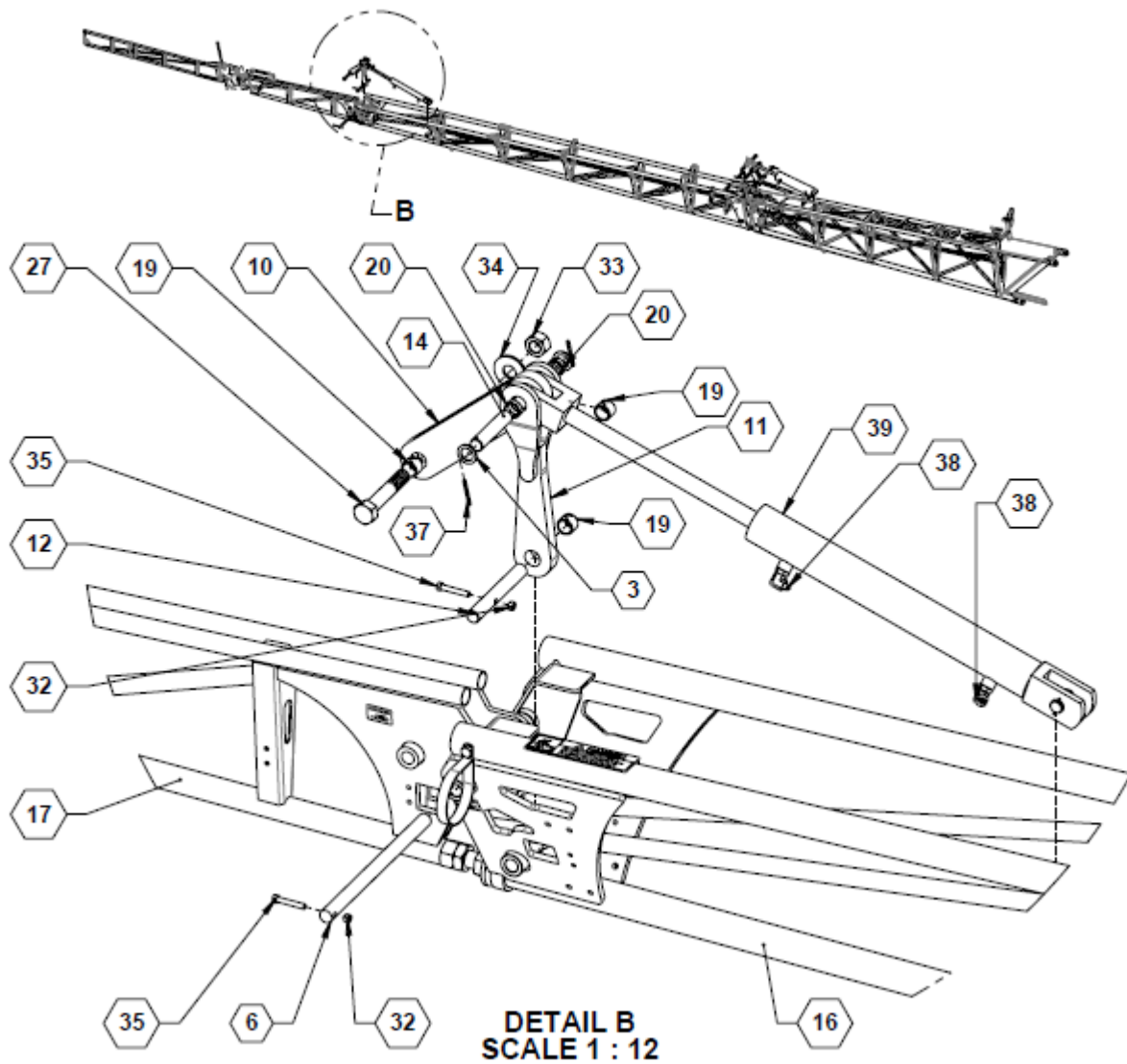


Parts List 36712: Truss Boom Inner Center to P-Link

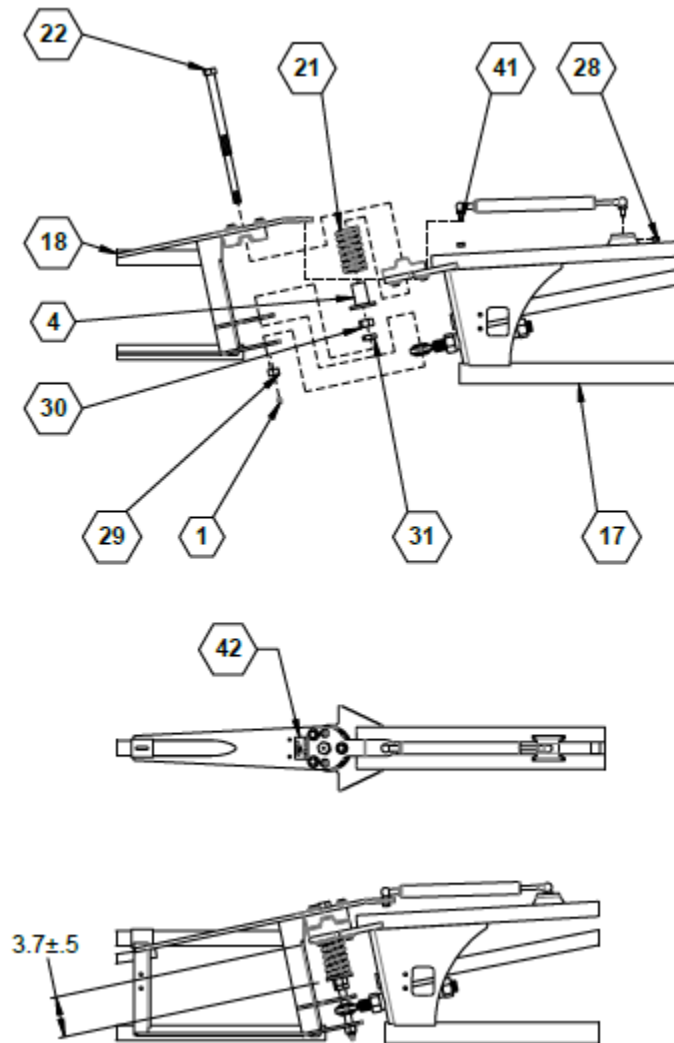
ITEM	PART NO.	QTY.	DESCRIPTION
1	90SASMV	1	SMV ASSEMBLY
2	16320	1	PIVOT, CENTER, PASSIVE
3	18389	1	PLATE, MOUNT, RAVEN
4	21496	1	PLATE, CARTRIDGE LOCK
5	21497	1	PLATE, CARTRIDGE LOCK
6	36711	1	ASSEMBLY, HYD BLOCK W/ FITTINGS
7	540052	2	P-CLAMP, 3" W/3/8" HOLE
8	590079	2	RUB PLATE
9	590094	2	BUMPER PAD, 6" LG
10	596128M	10	BOLT, HH 3/8-16 X 1 GR5 MAGNI
11	596129M	4	BOLT, HH 3/8-16X1-1/2 GR5 MAGNI
12	596213M	2	NUT, HEX 3/8-16 MAGNI
13	596227M	8	NUT, HEX NYLOCK 1/4-20 MAGNI
14	596237M	8	NUT, CENTERLOCK 3/8-16 MAGNI
15	596250M	6	LOCKWASHER, 3/8 MAGNI
16	596258M	10	WASHER, FLAT 3/8 MAGNI
17	596630M	8	FHSCS 1/4-20 X 1 MAGNI
18	596737M	4	BOLT, HH 8-1.25 X 20MM 8.8 MAGNI
19	740025	2	LIGHT, RED SURF MNT ASSY
20	800109	1	DECAL, RED REFLECTOR
21	800111	1	DECAL, NON-REFLECTIVE, ORANGE
22	800287	3	DECAL, GREASE PIVOT POINTS

DETAIL A
SCALE 1 : 12

Truss Boom 120' / 132' Wing (continued)



Truss Boom 120' / 132' Wing (continued)



Parts List 36705 / 36755: Truss Boom 120' / 132' Wing

ITEM	PART NO.	QTY.	DESCRIPTION
1	759	7	ZERK, 1/4-28 STRAIGHT PIPE THREAD
2	761	1	ZERK, 90~, 1/4-28 STRAIGHT PIPE THREAD
3	787	4	WASHER, 1" ID X 10GA
4	14013	1	SPRING GUIDE
5	16149	1	PIN, 1 1/4" X 6 7/8"LG.
6	16151	1	PIN, 2ND FLIP
7	16197	1	LINK, SCISSOR WELDMENT
8	16198	1	LINK, SCISSOR
9	16268	1	PIN, CYL, MAIN WING
10	16297	1	LINK, SCISSOR, 2ND FLIP

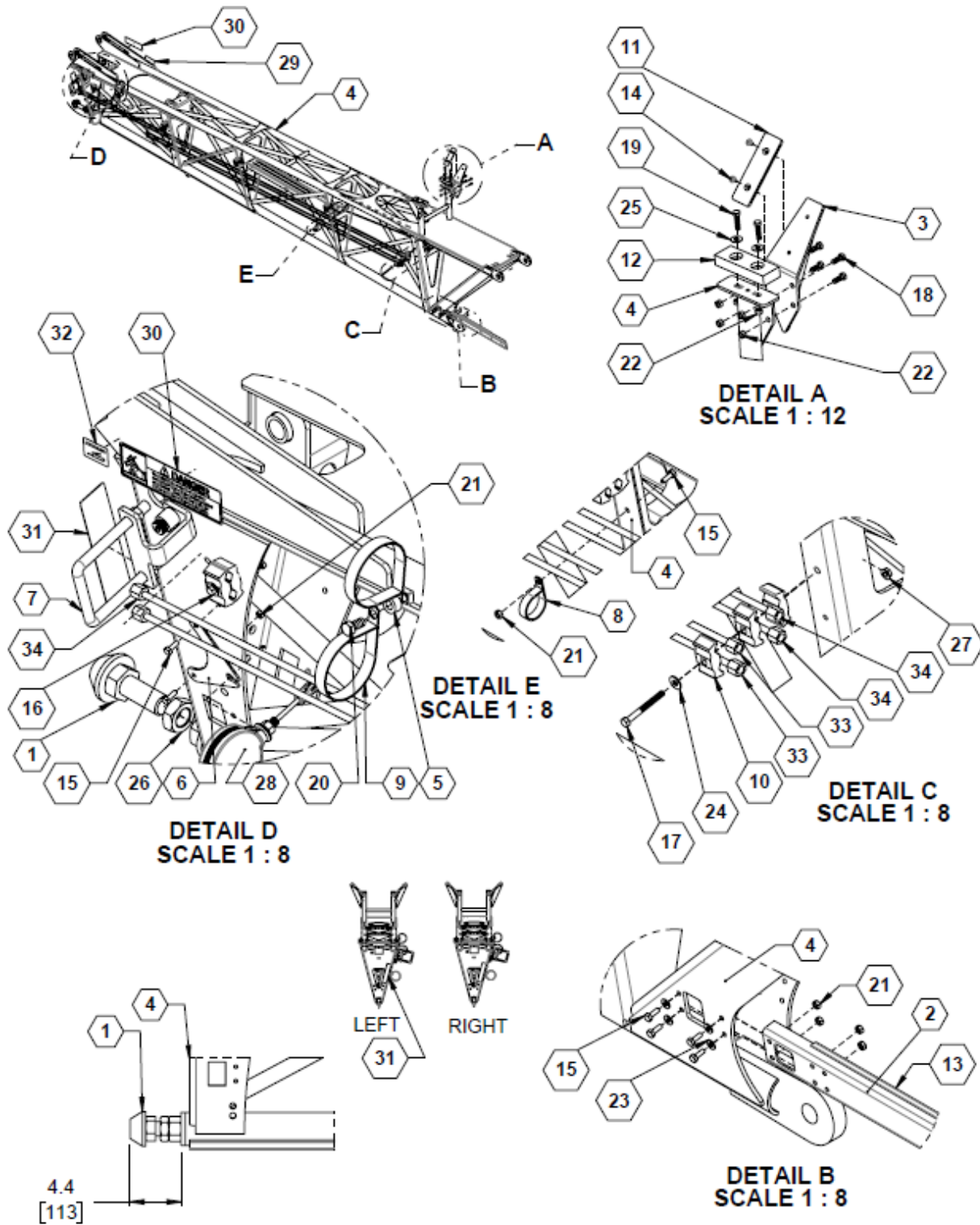


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ITEM	PART NO.	QTY.	DESCRIPTION
11	16298	1	LINK, SCISSOR, 2ND FLIP
12	18292	1	PIN, 1" X 7.5" LG
13	21076	1	PIN, FLIP LINKAGE
14	28112	1	PIN, CYLINDER, 1.00"
15	36701	1	BOOM 120, WING 1
	36751		BOOM 132, WING 1
16	36702	1	BOOM 120, WING 2
	36752		BOOM 132, WING 2
17	36703	1	BOOM 120, WING 3
	36753		BOOM 132, WING 3
18	36704	1	BOOM 120, WING 4
	36754		BOOM 132, WING 4
19	530281	4	SPRING BUSHING 1" I.D.
20	530284	2	BUSHING 1.25OD X 1 ID X 1/2"L
21	590006	1	SPRING, COMPRESSION
22	590112	1	BOLT, BREAKAWAY
23	590183	3	BOLT, 1-1/4" X 5" MACHINED
24	590815	1	BOLT, 1 X 4", GR8
25	596130M	2	BOLT, HH 3/8-16 X 2 GR5 MAGNI
26	596131M	1	BOLT, HH 3/8-16 X 2-1/2 GR5 MAGNI
27	596205M	1	BOLT, HEX 1-8 X 5-1/2 GR5 MAGNI
28	596213M	2	NUT, HEX 3/8-16 MAGNI
29	596216M	1	NUT, HEX 5/8-11 MAGNI
30	596217M	1	NUT, HEX 3/4-10 G5 MAGNI
31	596225M	1	NUT, HEX JAM 3/4-10 GR8 MAGNI
32	596237M	5	NUT, CENTERLOCK 3/8-16 MAGNI
33	596242M	2	NUT, CENTERLOCK, 1" MAGNI
34	596276M	1	WASHER, FLAT 1" MAGNI
35	596636M	2	BOLT, HH 3/8-16 X 2-1/4 GR5 MAGNI
36	596724M	3	NUT, CENTERLOCK, 1-1/4" MAGNI
37	596746M	2	SPRING PIN 5X50mm MAGNI
38	610029	4	ADAPTER, -4MJIC X -8MORB90
39	620036	1	TRUSS SECONDARY FLIP
40	620043	1	CYL., 5X16 CUSHIONED
41	790028	1	SHOCK, BREAKAWAY, HEAVY
42	800287	2	DECAL, GREASE PIVOT POINTS

Truss Boom 120' / 132' Wing 1





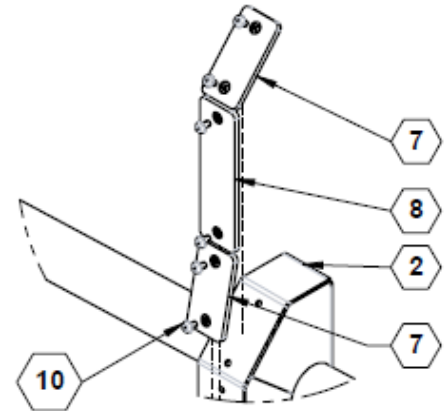
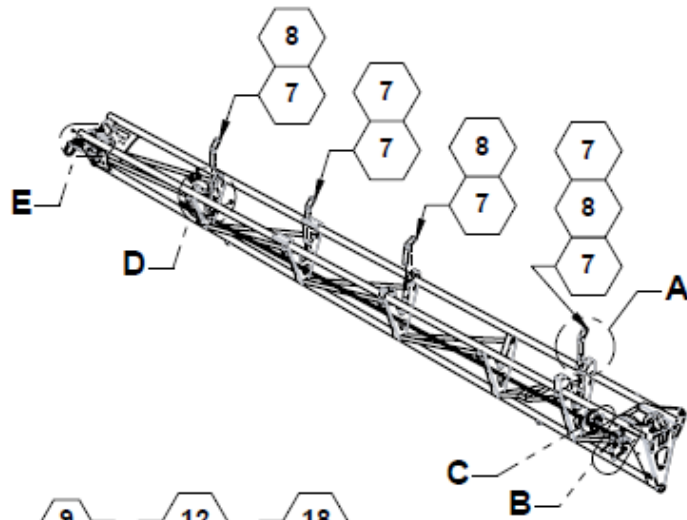
ILLUSTRATED PARTS LIST

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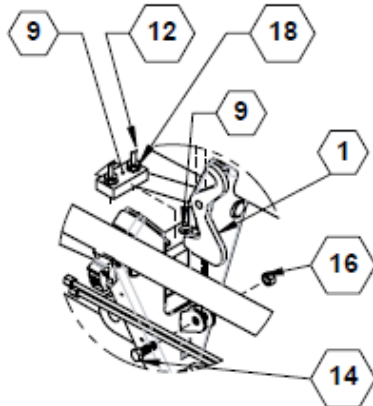
Parts List 36701 / 36751: Truss Boom 120' / 132' Wing 1

ITEM	PART NO.	QTY.	DESCRIPTION
1	16185	1	CONE, 3X1 3/8 WELD
2	16378	1	MOUNT BRACKET
3	16794	2	GUIDE, WING REST, BOLT-ON
4	28920	1	WING, MAIN, TRUSS BOOM
5	36221	1	PLATE, THICC WASHER
6	36592	1	PLATE, BOOM LIGHT BRACKET
7	37532	1	ASSEMBLY, SWIVELING HOSE CLAMP
8	540048	1	CLAMP, LOOP, 1.50, .50 WIDE, W/ .281 HOLE, VINYL COATED
9	540054	2	P-CLAMP, 4" W/1/2" HOLE
10	540077	14	CLAMP TWIN AG 2 STAUFF
11	590024	2	PLASTIC TRANSPORT
12	590094	2	BUMPER PAD, 6" LG
13	590459	2.5	(FT) TRIM, EDGE GUARD 1/4
14	590581	4	RIVET, POUND IN, 1/4 X 7/16
15	596101M	7	BOLT, HH 1/4-20 X 3/4 GR5 MAGNI
16	596118M	1	BOLT, HH 5/16-18 X 2-1/2 GR5 MAGNI
17	596119M	4	BOLT, HH 5/16-18 X 3 GR5 MAGNI
18	596128M	8	BOLT, HH 3/8-16 X 1 GR5 MAGNI
19	596129M	4	BOLT, HH 3/8-16X1-1/2 GR5 MAGNI
20	596152M	1	BOLT, HH 1/2 X 1 GR5 MAGNI
21	596235M	7	NUT, CENTERLOCK, 1/4-20 MAGNI
22	596237M	12	NUT, CENTERLOCK 3/8-16 MAGNI
23	596256M	4	WASHER, FLAT 1/4 USS MAGNI
24	596257M	5	WASHER, FLAT 5/16 USS MAGNI
25	596258M	4	WASHER, FLAT 3/8 MAGNI
26	596722M	1	NUT, HEX 1-1/4 -7 UNC JAM MAGNI
27	596768M	5	NUT, HEX FLANGE 5/16-18 MAGNI
28	740024	1	LIGHT, AMBER WARNING
29	800020	1	DECAL, FAST LOGO BLK/GRY
30	800106	2	DECAL, DANGER-STAND CLEAR
31	800110	1	DECAL, AMBER, REFLECTOR
32	800287	1	DECAL, GREASE PIVOT POINTS
33	FDM P603	2	FAST DIST. 125.5" STRAIGHT TUBE, FLARED
34	FDM P604	2	FAST DIST. 162" STRAIGHT TUBE, FLARED

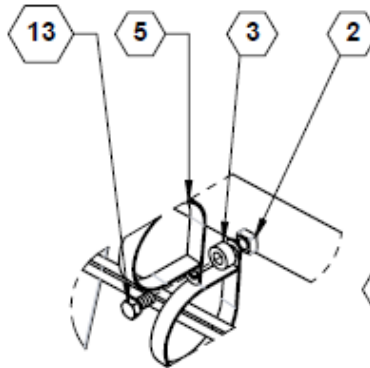
Truss Boom 120' / 132' Wing 2



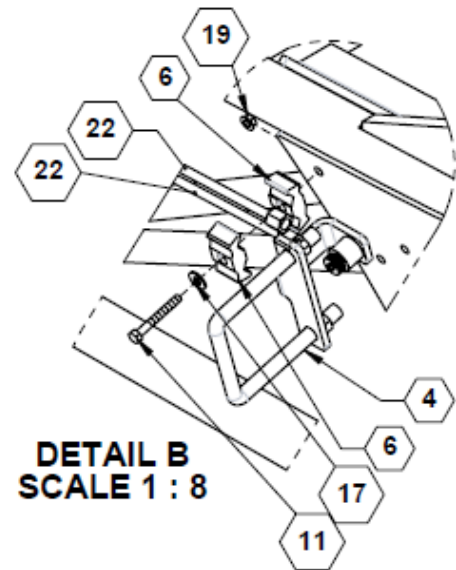
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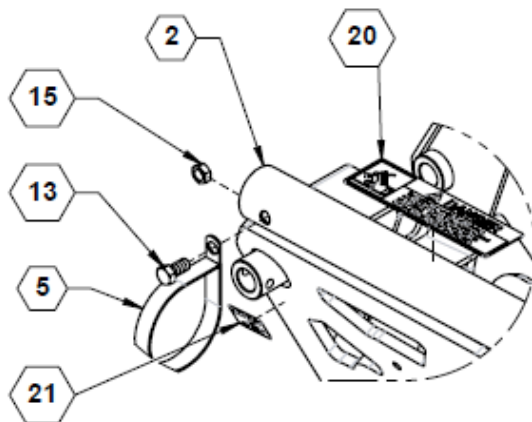
DETAIL D
SCALE 1 : 16



DETAIL C
SCALE 1 : 8



DETAIL B
SCALE 1 : 8

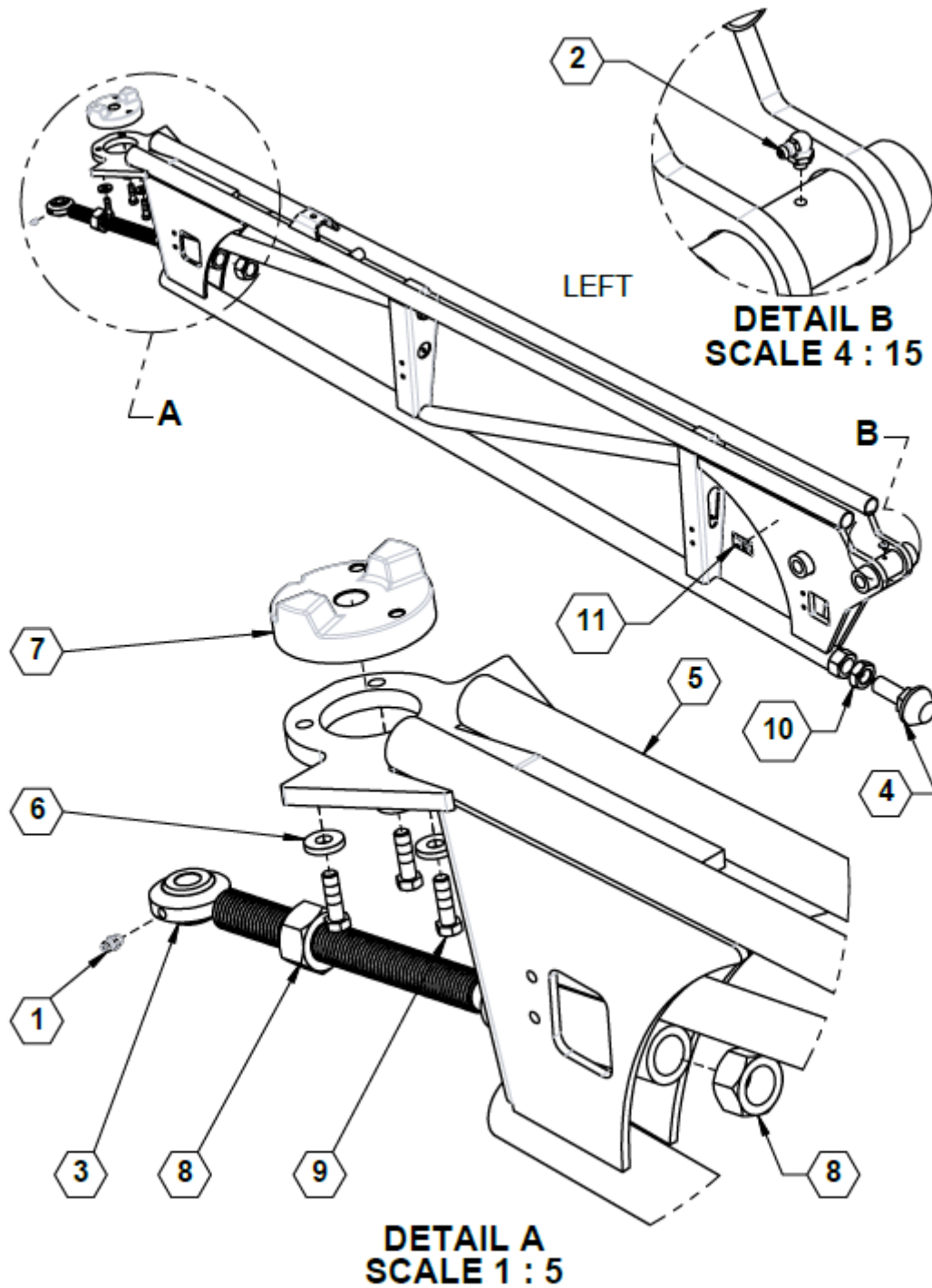


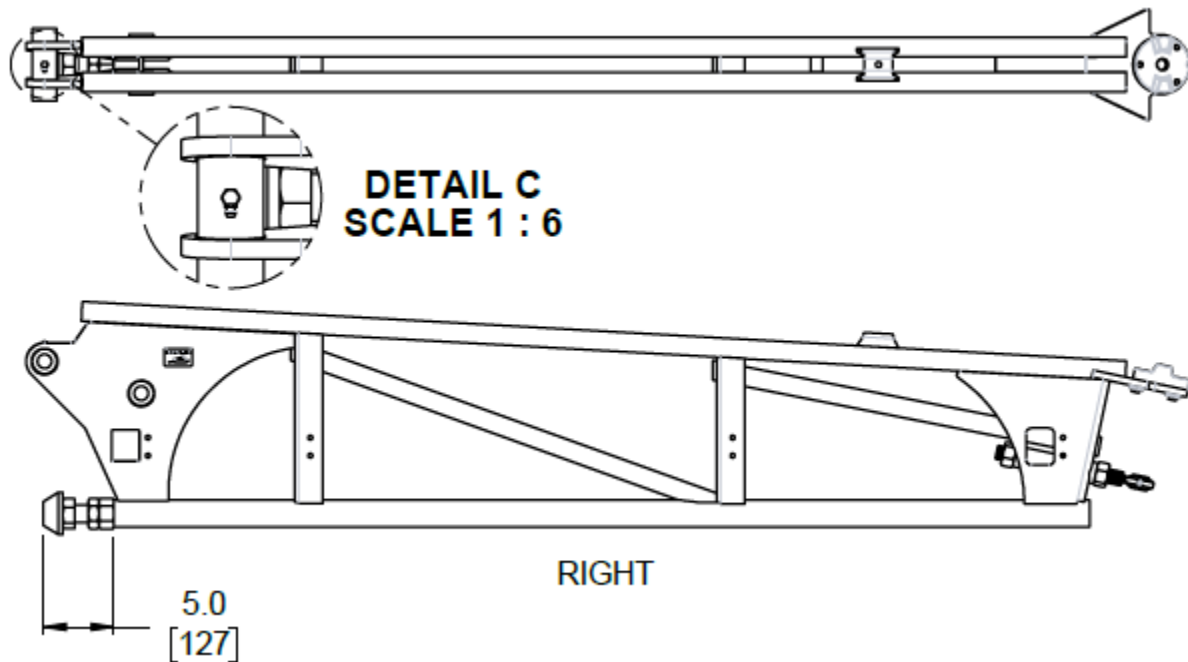
DETAIL E
SCALE 1 : 8

Parts List 36702: Truss Boom 120' / 132' Wing 2

ITEM	PART NO.	QTY.	DESCRIPTION
1	16143	1	LATCH, OVERCENTER, 120 FT
2	18276	1	WING, PRIMARY FLIP
3	36221	1	PLATE, THICC WASHER
4	37532	1	ASSEMBLY, SWIVELING HOSE CLAMP
5	540054	3	P-CLAMP, 4" W/1/2" HOLE
	37529BLK	1	PLATE, HOSE CONTROL (REQUIRES (1) 590186 U-BOLT)
6	540077	12	CLAMP TWIN AG 2 STAUFF
7	590109	12	PAD, RUB, SHORT
8	590110	6	PAD, RUB, LONG
9	590184	2 (120')	PAD, WING REST
		1 (132')	
10	590581	36	RIVET, POUND IN, 1/4 X 7/16
11	596118M	6	BOLT, HH 5/16-18 X 2-1/2 GR5 MAGNI
12	596128M	2	BOLT, HH 3/8-16 X 1 GR5 MAGNI
	596130M		BOLT, HH 3/8-16 X 2 GR5 MAGNI
13	596152M	2	BOLT, HH 1/2 X 1 GR5 MAGNI
14	596172M	1	BOLT, HH 5/8-11 X 1-3/4 GR5 MAGNI
15	596223M	1	NUT, HEX JAM 1/2-13 MAGNI
16	596240M	1	NUT, CENTERLOCK, 5/8-11 MAGNI
17	596257M	6	WASHER, FLAT 5/16 USS MAGNI
18	596258M	2	WASHER, FLAT 3/8 MAGNI
19	596768M	5	NUT, HEX FLANGE 5/16-18 MAGNI
20	800106	1	DECAL, DANGER-STAND CLEAR
21	800287	1	DECAL, GREASE PIVOT POINTS
22	FDM P605	2	FAST DIST. 203" STRAIGHT TUBE, FLARED

Truss Boom 120' / 132' Wing 3

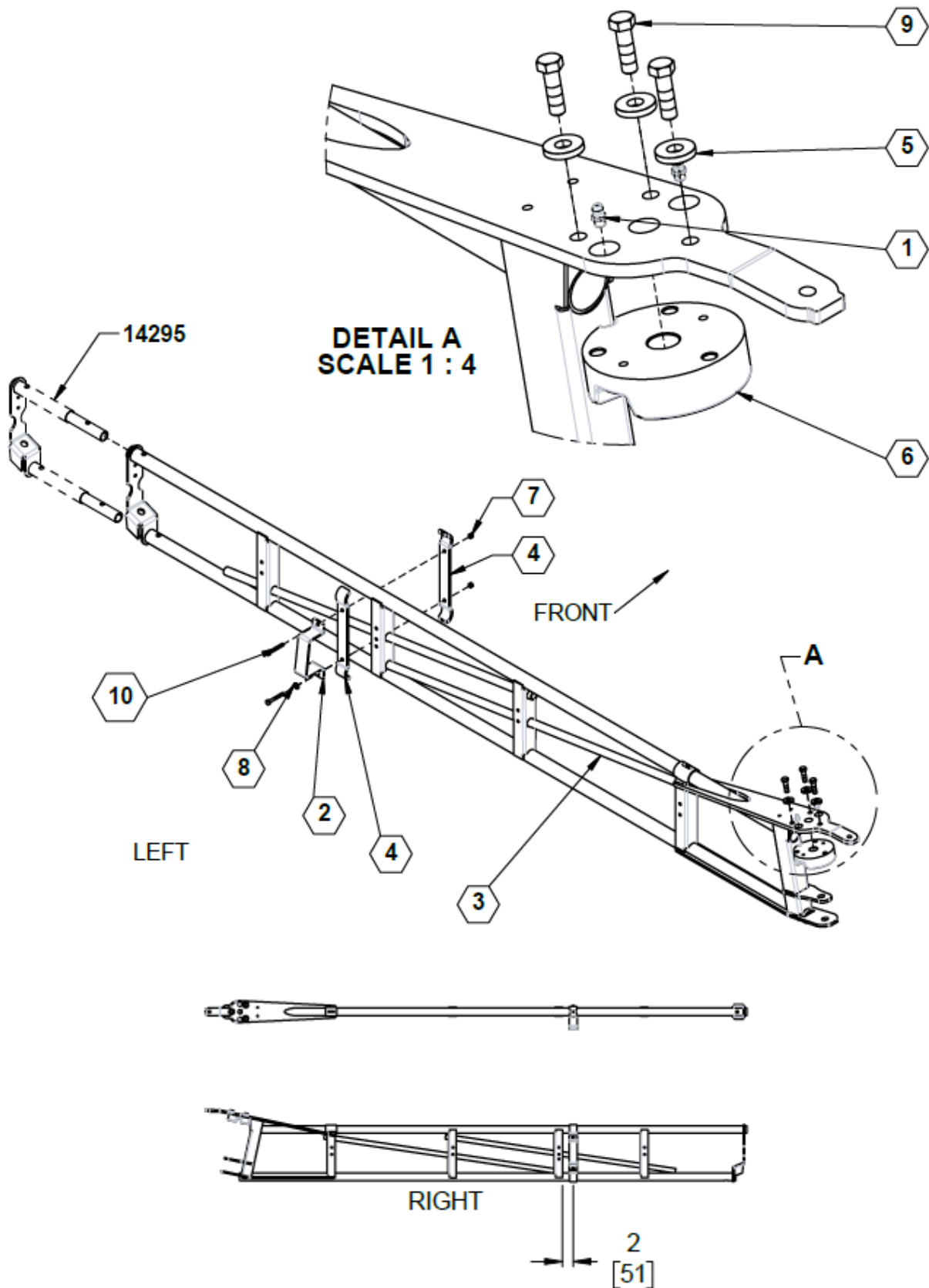




Parts List 36703 / 36753: Truss Boom 120' / 132' Wing 3

ITEM	PART NO.	QTY.	DESCRIPTION
1	759	1	ZERK, 1/4-28 STRAIGHT PIPE THREAD
2	761	1	ZERK, 90~, 1/4-28 STRAIGHT PIPE THREAD
3	16176	1	SUPPORT, BRKWAY, ADJ.
4	16185	1	CONE, 3X1 3/8 WELD
5	16280	1	WLDMNT, SECONDARY FLIP
	16290		WING, 2 ND FLIP, 132'
6	530309	3	WASHER, 1.00 OD X .406 ID X .188, MAGNI
7	590073	1	CLUTCH, MALE 20~
8	596218M	2	NUT, HEX 1-8 MAGNI
9	596633M	3	BOLT, HH 3/8-24 X 1-1/4 GR5 MAGNI
10	596722M	1	NUT, HEX 1-1/4 -7 UNC JAM MAGNI
11	800287	1	DECAL, GREASE PIVOT POINTS

Truss Boom 120' Wing 4





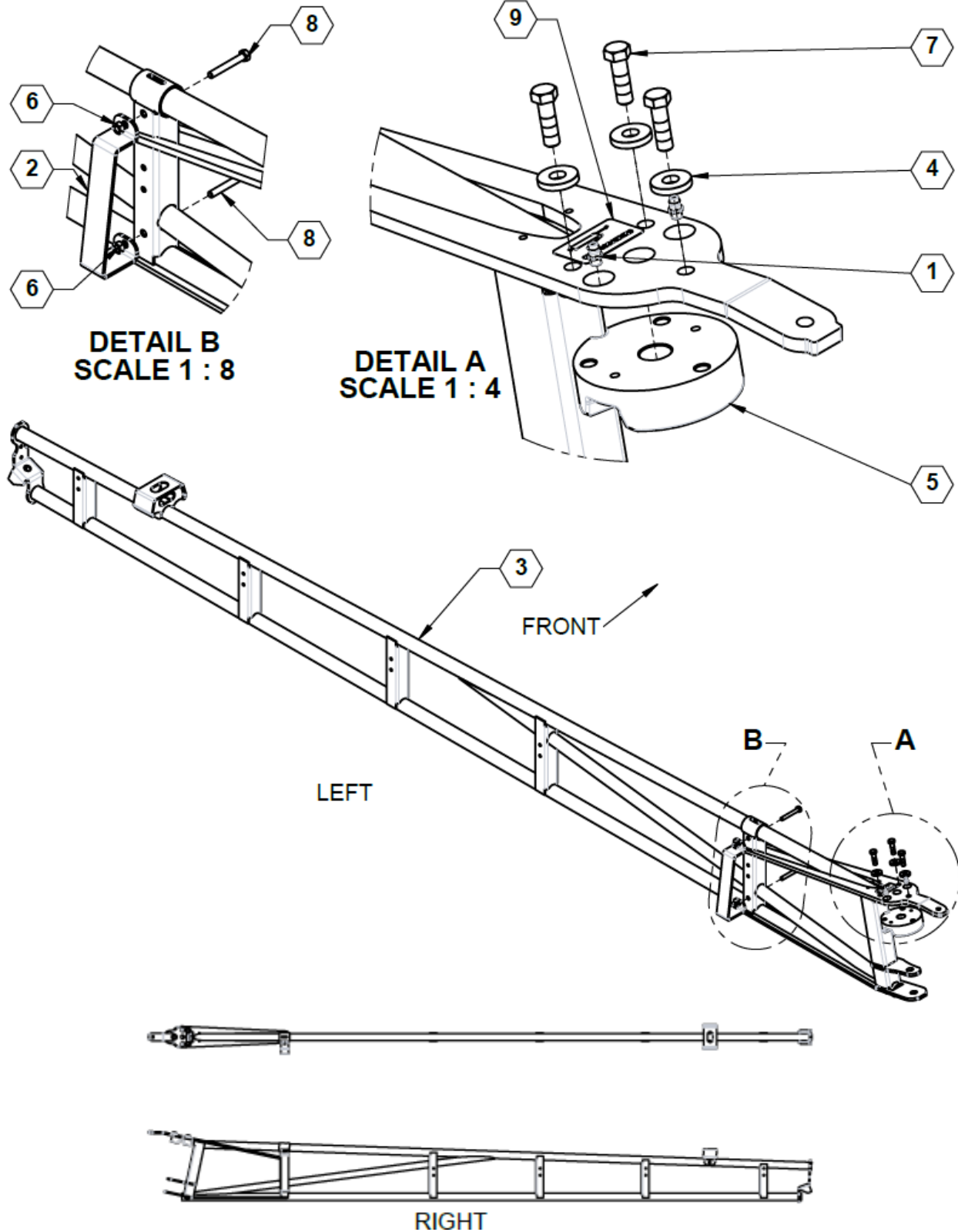
ILLUSTRATED PARTS LIST

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Parts List 36704: Truss Boom 120' Wing 4

ITEM	PART NO.	QTY.	DESCRIPTION
1	759	2	ZERK, 1/4-28 STRAIGHT PIPE THREAD
2	16671	1	GUIDE, BREAKAWAY
3	18300	1	WLDMNT, 93" BREAKAWAY
4	18315	2	CLAMP, FORMED, 1 3/8
5	530309	3	WASHER, 1.00 OD X .406 ID X .188, MAGNI
6	590074	1	CLUTCH, FEMALE 20~
7	596235M	2	NUT, CENTERLOCK, 1/4-20 MAGNI
8	596256M	1	WASHER, FLAT 1/4 USS MAGNI
9	596633M	3	BOLT, HH 3/8-24 X 1-1/4 GR5 MAGNI
10	596848M	2	BOLT, HH 1/4-20 X 2 GR5 MAGNI

Truss Boom 132' Wing 4





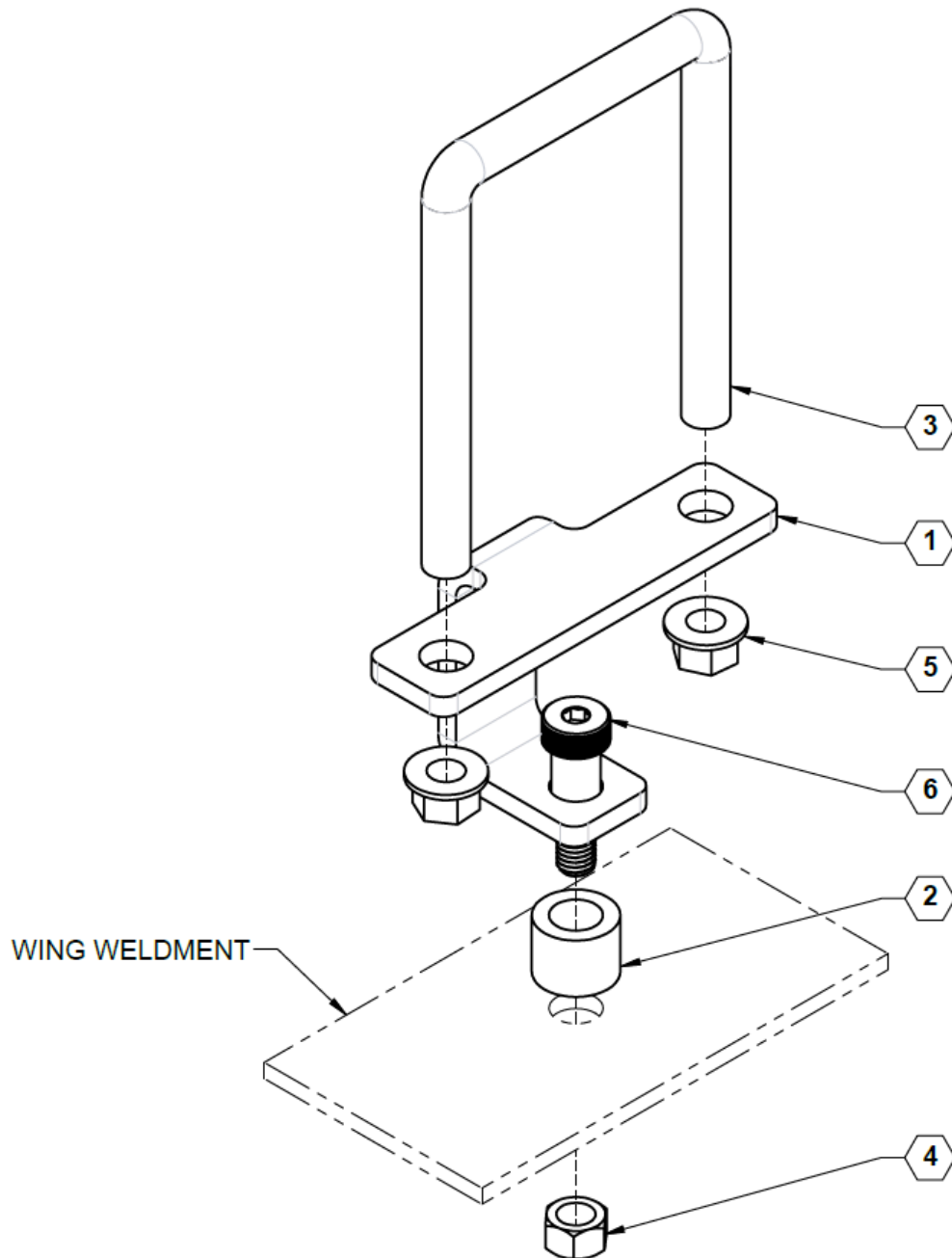
ILLUSTRATED PARTS LIST

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Parts List 36754: Truss Boom 132' Wing 4

ITEM	PART NO.	QTY.	DESCRIPTION
1	759	2	ZERK, 1/4-28 STRAIGHT PIPE THREAD
2	16180	1	GUIDE, BREAKAWAY
3	14000	1	BREAKAWAY TAPERED
4	530309	3	WASHER, 1.00 OD X .406 ID X .188, MAGNI
5	590074	1	CLUTCH, FEMALE 20~
6	596236M	2	NUT, CENTERLOCK, 5/16-18 MAGNI
7	596633M	3	BOLT, HH 3/8-24 X 1-1/4 GR5 MAGNI
8	596632M	2	BOLT, HH 5/16 X 2-1/4 GR5 MAGNI
9	800287	1	DECAL, GREASE PIVOT POINTS

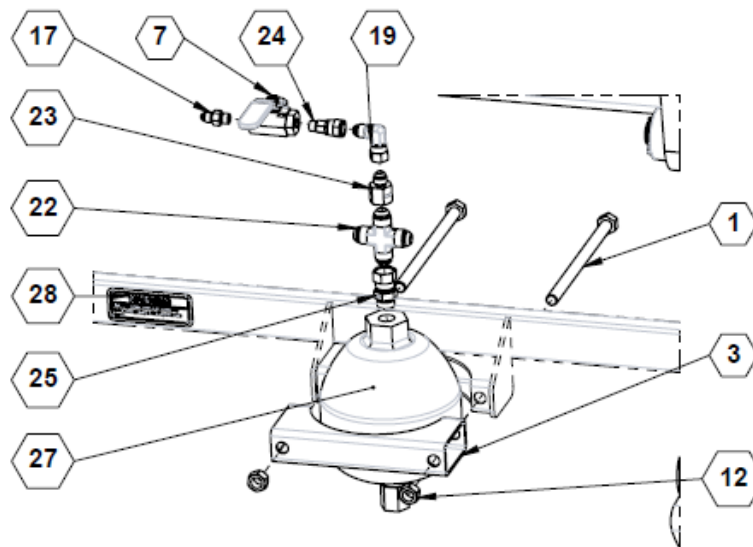
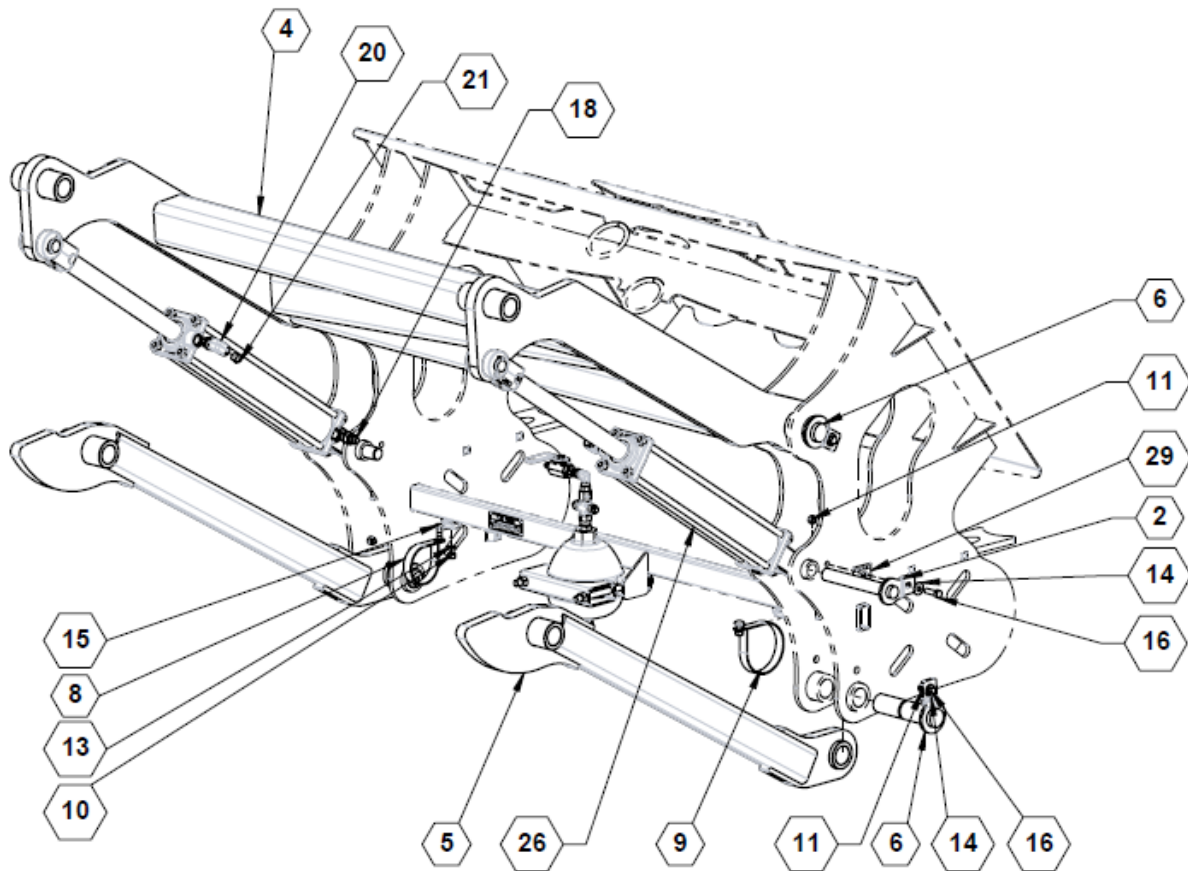
Boom Routing Swiveling Hose Clamp



Parts List 37532: Boom Routing Swiveling Hose Clamp

ITEM	PART NO.	QTY.	DESCRIPTION
1	37529	1	PLATE, HOSE CONTROL
2	37530	1	SPACER, HOSE CONTROL
3	590186	1	U-BOLT, 5/8 X 4 X 5-3/4
4	596239M	1	NUT, CENTERLOCK, 1/2-13 MAGNI
5	596771M	2	NUT, HEX FLANGE 1/2-13 MAGNI
6	596846M	1	BOLT, SHOULDER, 5/8 X 1-1/4" MAGNI

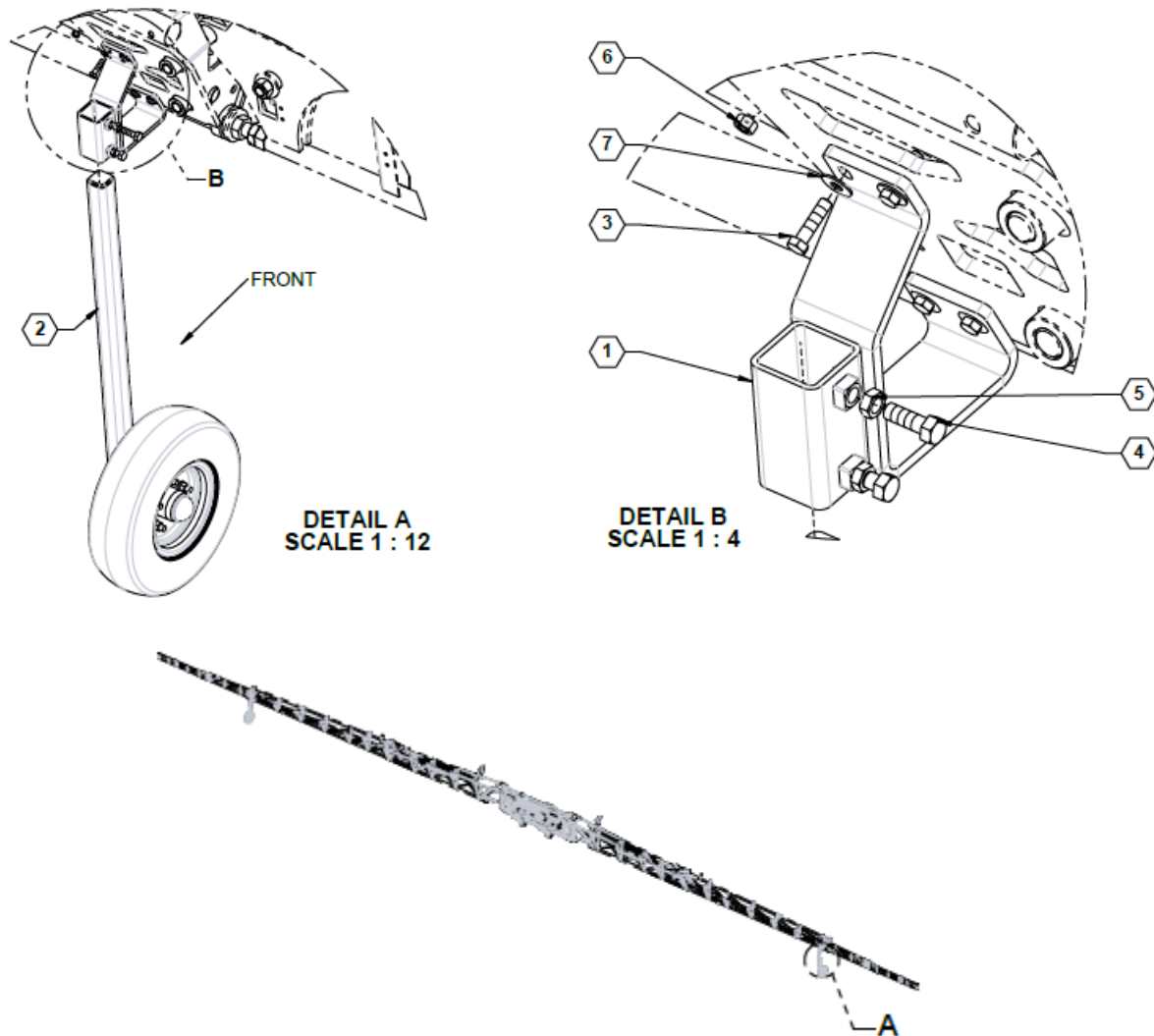
Boom P-Links & Accumulator



Parts List 36706: Boom P-Links & Accumulator

ITEM	PART NO.	QTY.	DESCRIPTION
1	166	2	Bolt HH 1/2-13 x 8
2	16331	2	PIN, LIFT CYLINDER
3	16654	1	TUBE, ACCUMULATOR MOUNT
4	34061	1	WLDMNT, UPPER LIFTARM
5	34310	2	LINK, LOWER WLDMNT
6	35571	4	PIN, TRUSS MOUNT
7	500000	1	VALVE, BALL SAE#4 FEM PORT
8	540052	1	P-CLAMP, 3" W/3/8" HOLE
9	540053	1	P-CLAMP, 4" W/3/8" HOLE
10	596213M	2	NUT, HEX 3/8-16 MAGNI
11	596237M	6	NUT, CENTERLOCK 3/8-16 MAGNI
12	596239M	2	NUT, CENTERLOCK, 1/2-13 MAGNI
13	596250M	2	LOCKWASHER, 3/8 MAGNI
14	596258M	6	WASHER, FLAT 3/8 MAGNI
15	596592M	2	BOLT, CARRIAGE 3/8-16 X 1 MAGNI
16	596635M	6	BOLT, HH 3/8-16 x 1-1/4 MAGNI
17	610007	1	ADAPTER, -4MJIC X -4MORB
18	610013	2	ADAPTER, -8MJIC X -8MORB
19	610023	1	ADAPTER, -6MJIC X -6FJX 90
20	610035	2	ADAPTER, -8MORB X -6FPT 90
21	610036	2	BREATHER VENT, PLUG MALE 3/8-18 NPT
22	610071	1	ADAPTER, -8 MJIC UNION CROSS
23	610072	1	ADAPTER, -8FJIC X -6MJIC
24	610079	1	ADAPTER, -4MORB X -6FJX
25	610083	1	ADAPTER, -8MORB X -8FJX
26	620057	2	CYLINDER, 30THC16.00-150
27	630020	1	ACCUMULATOR, 85 CU.
28	800024	1	DECAL, REAR LIFT CYLINDER VALVE
29	800287	2	DECAL, GREASE PIVOT POINTS

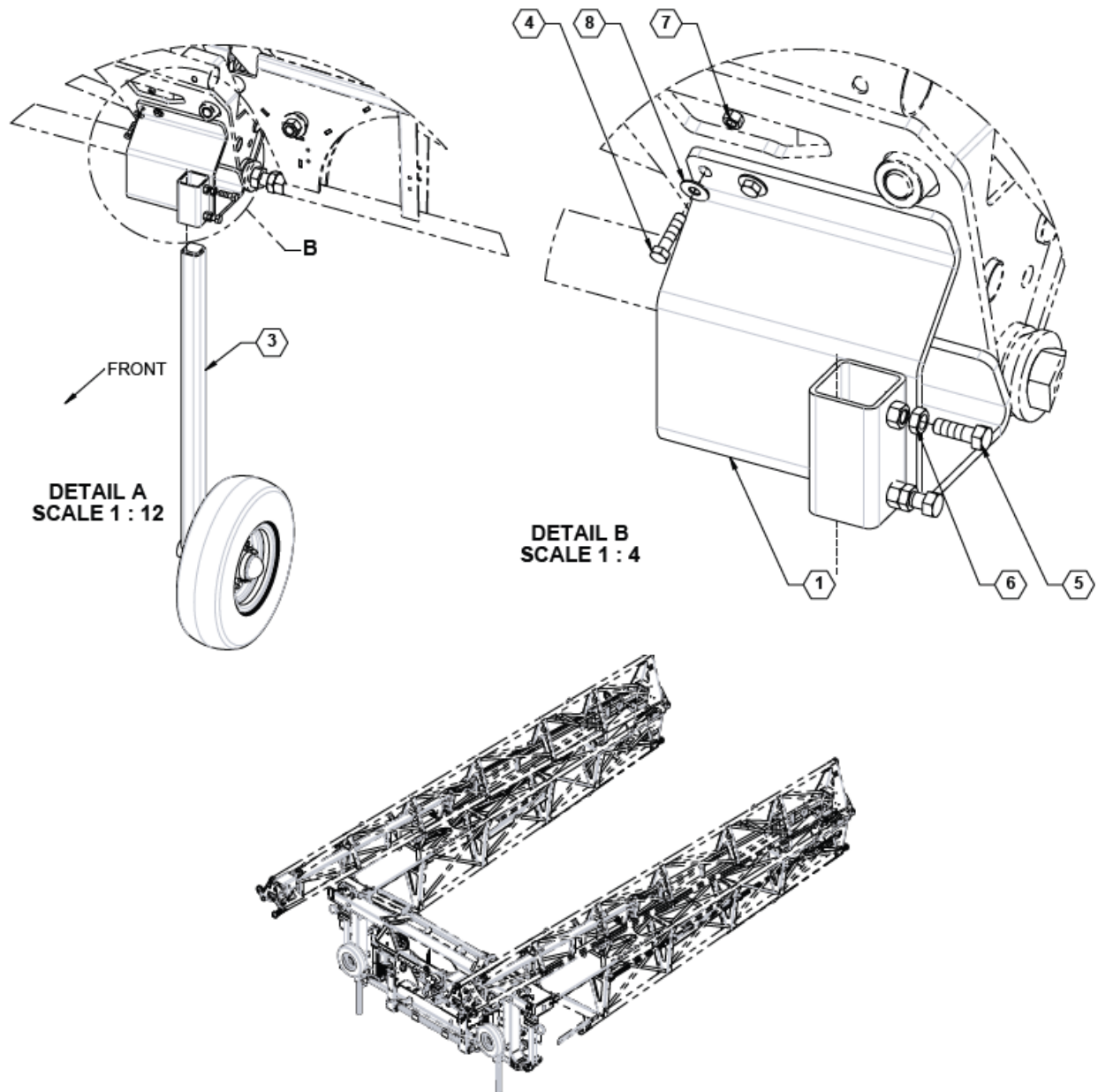
Truss Boom 120' Touchdown Wheel Option



Parts List 99RAUG120WHLKT: Truss Boom 120' Touchdown Wheel Option

ITEM	PART NO.	QTY.	DESCRIPTION
1	16655	2	BRACKET, RAVEN AUTOBOOM
2	34921	1	TOUCHDOWN WHEEL ASSEMBLY
3	596129M	8	BOLT, HH 3/8-16X1-1/2 GR5 MAGNI
4	596153M	4	BOLT, HH 1/2-13X1-1/2 GR5 MAGNI
5	596223M	4	NUT, HEX JAM 1/2-13 MAGNI
6	596237M	8	NUT, CENTERLOCK 3/8-16 MAGNI
7	596258M	8	WASHER, FLAT 3/8 MAGNI

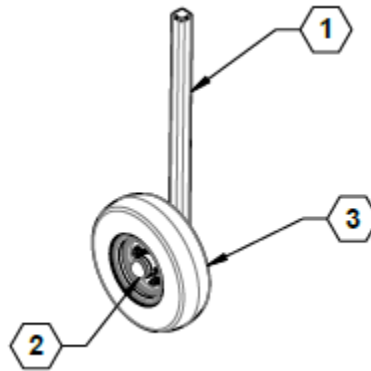
Truss Boom 132' Touchdown Wheel Option



Parts List 99RAUG132WHLKT: Truss Boom 132' Touchdown Wheel Option

ITEM	PART NO.	QTY.	DESCRIPTION
1	16684L	1	BRACKET, RAVEN AUTOBOOM
2	16684R	1	BRACKET, RAVEN AUTOBOOM
3	34921	1	TOUCHDOWN WHEEL ASSEMBLY
4	596129M	8	BOLT, HH 3/8-16X1-1/2 GR5 MAGNI
5	596153M	4	BOLT, HH 1/2-13X1-1/2 GR5 MAGNI
6	596223M	4	NUT, HEX JAM 1/2-13 MAGNI
7	596237M	8	NUT, CENTERLOCK 3/8-16 MAGNI
8	596258M	8	WASHER, FLAT 3/8 MAGNI

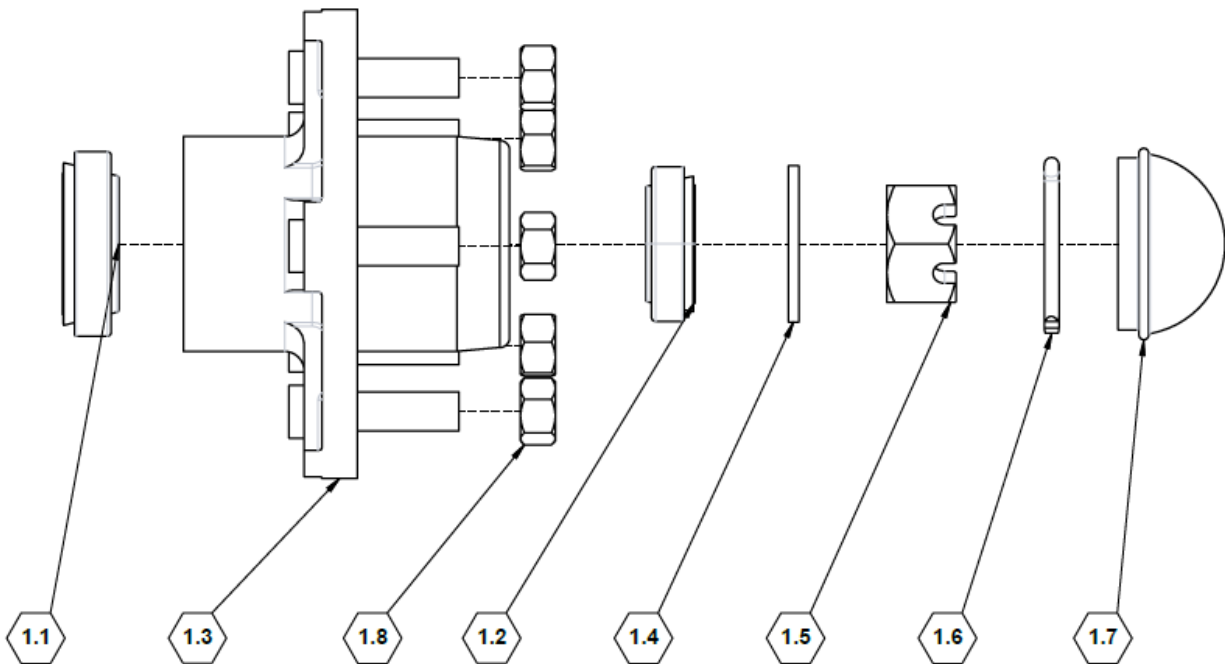
Touchdown Wheel



Parts List 34921: Touchdown Wheel

ITEM	PART NO.	QTY.	DESCRIPTION
1	34920	2	WELDMENT, TD WHEEL MOUNT
2	36278	2	HUB, N545, TURNED DOWN
3	700215	2	WHEEL, 4.80-8, CARLISLE

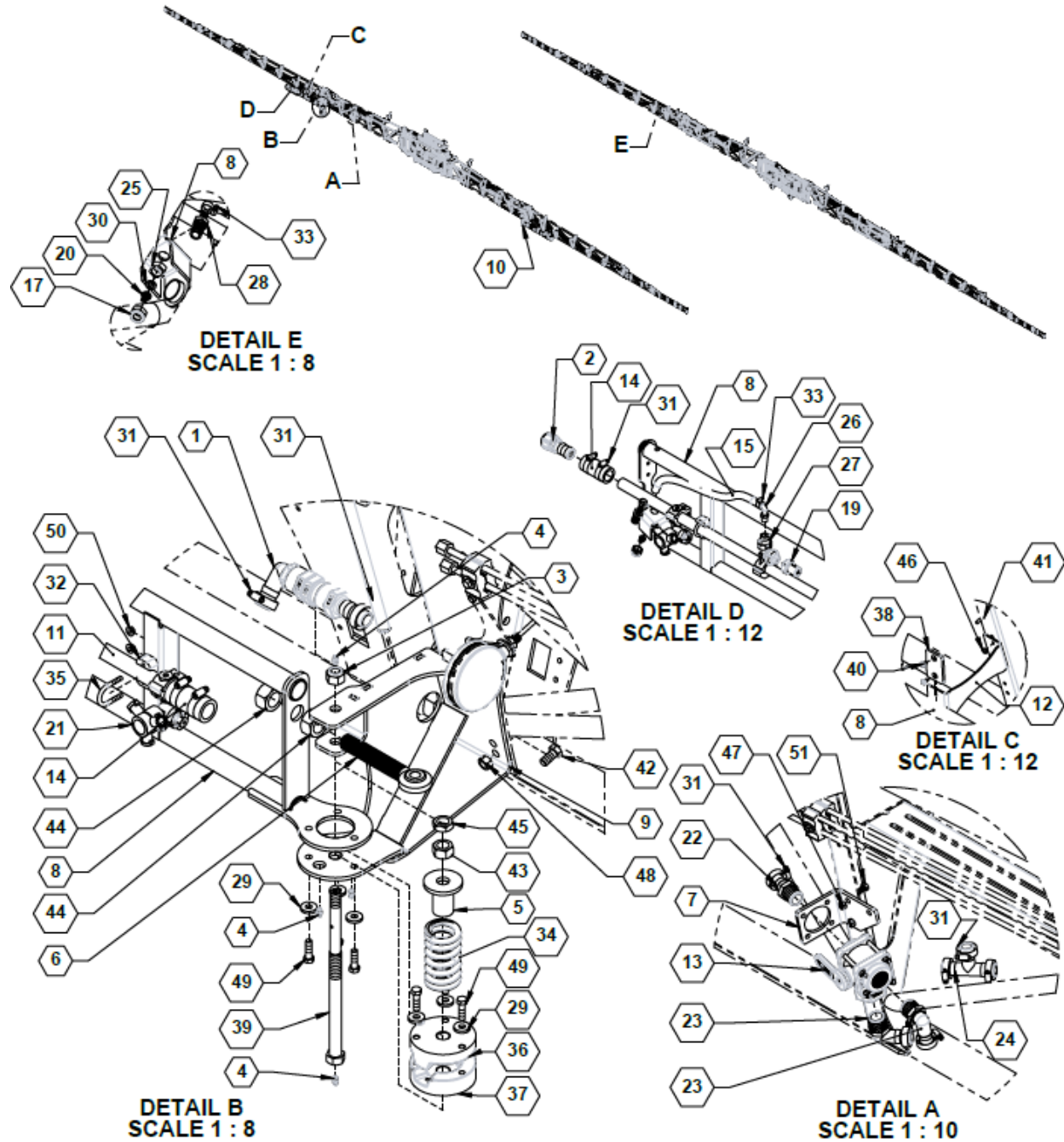
Hub Assembly, Machined to Fit

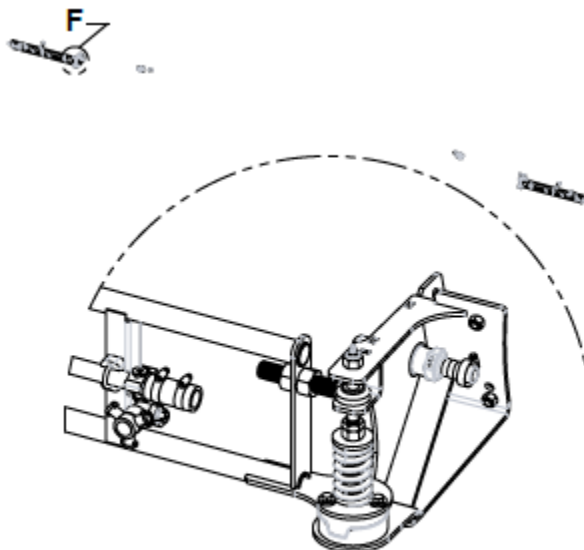


Parts List 36278: Hub Assembly, Machined to Fit

ITEM	PART NO.	QTY.	DESCRIPTION
1	730125	1	HUB, N545 - 5 BOLT 4.5IN B.C.
1.1	-	1	BEARING, INNER, L68149-L68111
1.2	-	1	BEARING, OUTER, L44649-L44610
1.3	-	1	HUB, CASTING
1.4	-	1	WASHER
1.5	-	1	NUT, CASTLE 1.00-12
1.6	-	1	COTTER PIN
1.7	-	1	CAP, HUB NI 909900W
1.8	-	5	NUT, HEX 0.50-13

Truss Boom 60' / 66' Extension Option





DETAIL F
SCALE 1 : 10

Parts List 99120TB60WGOP20T / 99132TB66WGOP: Truss Boom 60' / 66' Extension Option

ITEM	PART NO.	QTY.	DESCRIPTION
1	90SA6080SF	2	SUB-ASSY 60-80' SIDE FOLD FTNG
2	90SAPLUG	2	SUB-ASSY, PLUG; FTTNGS-C, W,1HB
3	232	2	NUT, NYLOCK 5/8-11 ZP
4	759	8	ZERK, 1/4-28 STRAIGHT PIPE THREAD
5	14013	2	SPRING GUIDE
6	14575	2	ADJUSTMENT BALL JOINT
7	16511	2	PLATE, VALVE MOUNT
8	16700	2	60' TRUSS WING
	16750		66' TRUSS WING
9	16705L	1	LH BOLT ON WING MOUNT
10	16705R	1	RH BOLT ON WING MOUNT
11	16871	2	TUBE, 4 PORT 20"
	14330		TUBE, 5 PORT 22"
12	16950	2	TRUSS 60' WING STOP BRACKET
13	500050	2	VALVE 1" SIDE LOAD 3-WAY
14	510016	1.6 / 3.6	(FT) HOSE, 1IN EPDM
15	510020	3	(FT) HOSE, 0.375IN EPDM
16	520016	2	GASKET, QUICK TEEJET SEAT, STD EPDM
17	520019	2	CAP, NOZZLE, BLACK NYLON
18	520030	2	NOZZLE BODY, 25MM SINGLE
19	520037	2	VALVE, MANUAL SHUTOFF, FENCELINE

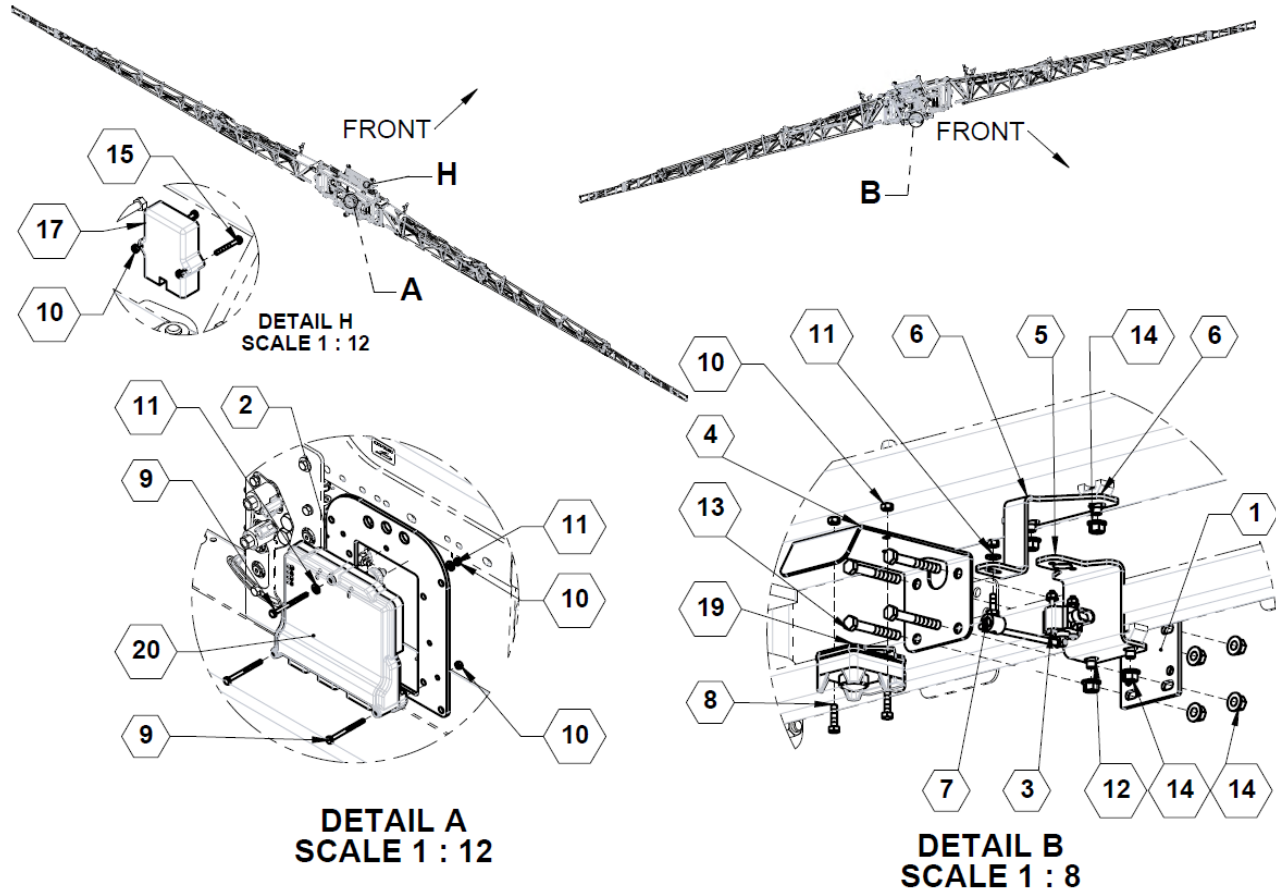


ILLUSTRATED PARTS LIST

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ITEM	PART NO.	QTY.	DESCRIPTION
20	520050	2	TIP, NOZZLE, BLUE POLYMER, FLAT SPRAY
21	520084	8	NOZZLE BODY, TRIPLE 25mm
22	530041	2	FITTING, 1.00 MNPT X 1.00 HB, POLY
23	530044	4	FITTING, ELBOW, 90D, 1.00 MNPT X 1.00 HB, POLY
24	530056	2	FITTING, TEE, 1.00 HB, POLY
25	530206	2	NUT, NOZZLE 11/16"
26	530209	2	FITTING, ELBOW, 90D, .250 MNPT X .375 HB, POLY
27	530248	2	QUICKJET ADAPTER NY
28	530306	2	NOZZLE, POLY FENCELINE W/ HB
29	530309	12	WASHER, 1.00 OD X .406 ID X .188, MAGNI
30	530356	2	GASKET, RUBBER QJT
31	540014	24	HOSE CLAMP, SS 1.00 #16
32	540029	6	CLAMP BODY, 1.00" TUBE, POLY GREEN
33	540032	4	HOSE CLAMP, 5/16 #5 SS
34	590006	2	SPRING, COMPRESSION
35	590048	6	U-BOLT, 1/4 X 1"
36	590073	2	CLUTCH, MALE 20~
37	590074	2	CLUTCH, FEMALE 20~
38	590106	2	PAD, TRANSPORT
39	590112	2	BOLT, BREAKAWAY
40	590581	4	RIVET, POUND IN, 1/4 X 7/16
41	596101M	4	BOLT, HH 1/4-20 X 3/4 GR5 MAGNI
42	596152M	4	BOLT, HH 1/2 X 1 GR5 MAGNI
43	596217M	2	NUT, HEX 3/4-10 G5 MAGNI
44	596218M	4	NUT, HEX 1-8 MAGNI
45	596225M	2	NUT, HEX JAM 3/4-10 GR8 MAGNI
46	596235M	4	NUT, CENTERLOCK, 1/4-20 MAGNI
47	596237M	4	NUT, CENTERLOCK 3/8-16 MAGNI
48	596239M	4	NUT, CENTERLOCK, 1/2-13 MAGNI
49	596633M	12	BOLT, HH 3/8-24 X 1-1/4 GR5 MAGNI
50	596767M	12	NUT, HEX FLANGE 1/4-20 MAGNI
51	596818M	4	BOLT, HH 3/8-16 X 3/4 GR5 MAGNI

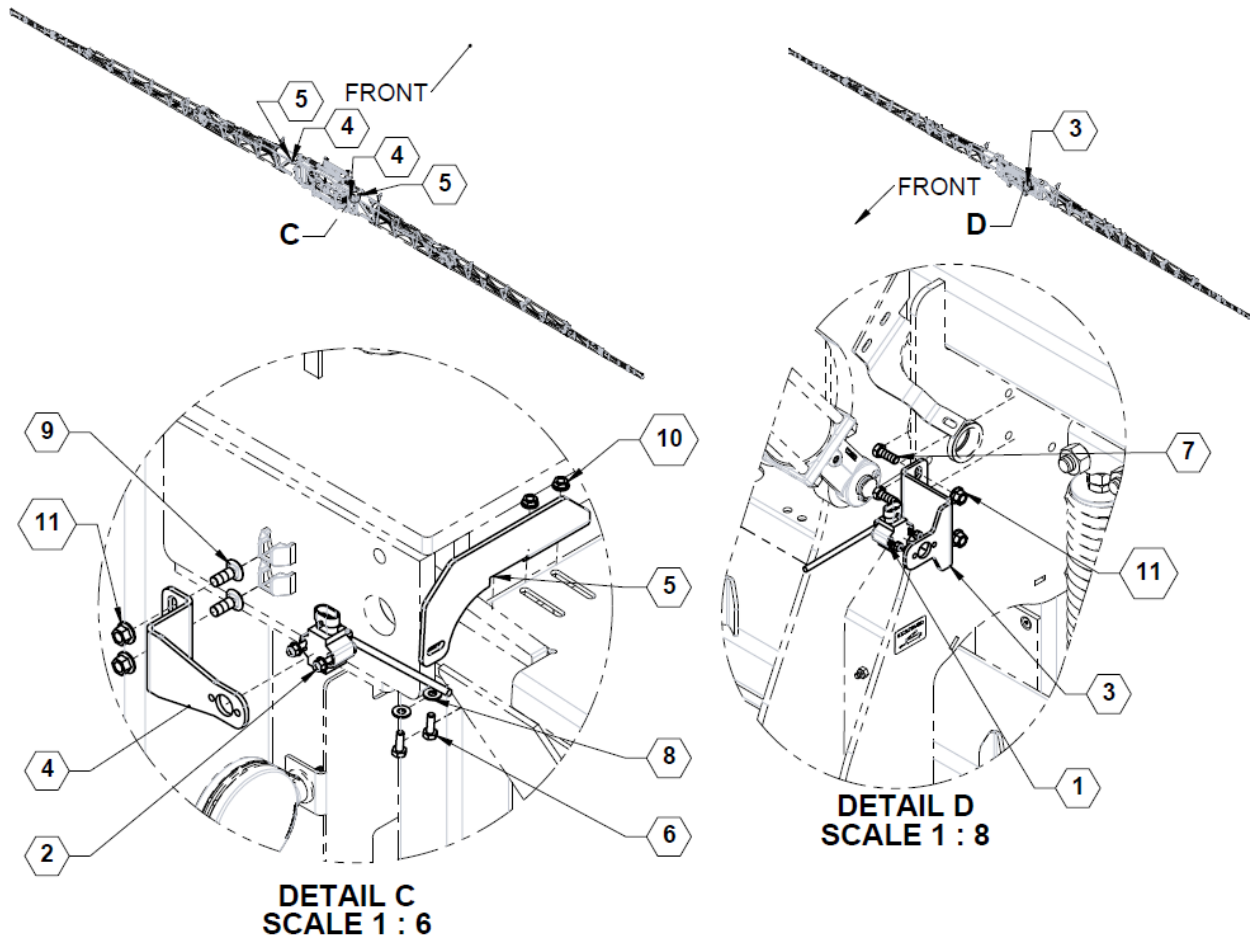
XRT AutoBoom



Parts List 36709: XRT AutoBoom

ITEM	PART NO.	QTY.	DESCRIPTION
1	18317	1	PLATE, BACKING
2	37157	1	PLATE, RCM MOUNT
3	28853-1	1	ASSEMBLY, ROTATION SENSOR 050
4	28895	1	BRACKET, XRT SENSOR, TRUSS CENTER
5	34701	1	PLATE, SENSATA MOUNT
6	34719	1	PLATE, ROLL SENSOR
7	34721	1	WLDMNT, SLIDE PIVOT
8	596102M	2	BOLT, HH 1/4-20 X 1 GR5 MAGNI
9	596107M	2	BOLT, HH 1/4-20X3-1/2 GR5 MAGNI
10	596110M	3	BOLT, HH 1/4-20 X 3 MAGNI
11	596235M	8	NUT, CENTERLOCK, 1/4-20 MAGNI
12	596256M	3	WASHER, FLAT 1/4 USS MAGNI
13	596592M	4	BOLT, CARRIAGE 3/8-16 X 1 MAGNI
14	596637M	4	BOLT, HH 3/8-16 X 2-3/4 GR5 MAGNI
15	596769M	8	NUT, HEX FLANGE 3/8-16 MAGNI
16	632199	1	NODE, XRT AUTOBOOM FOLD YAW
17	632055	1	CABLE, 17' EXTENSION GEN 1 ISO
18	632207	1	KIT, XRT AB/AF/AY 120/132
19	632209	1	SENSOR, XRT
20	632225	1	RAVEN REM XRT

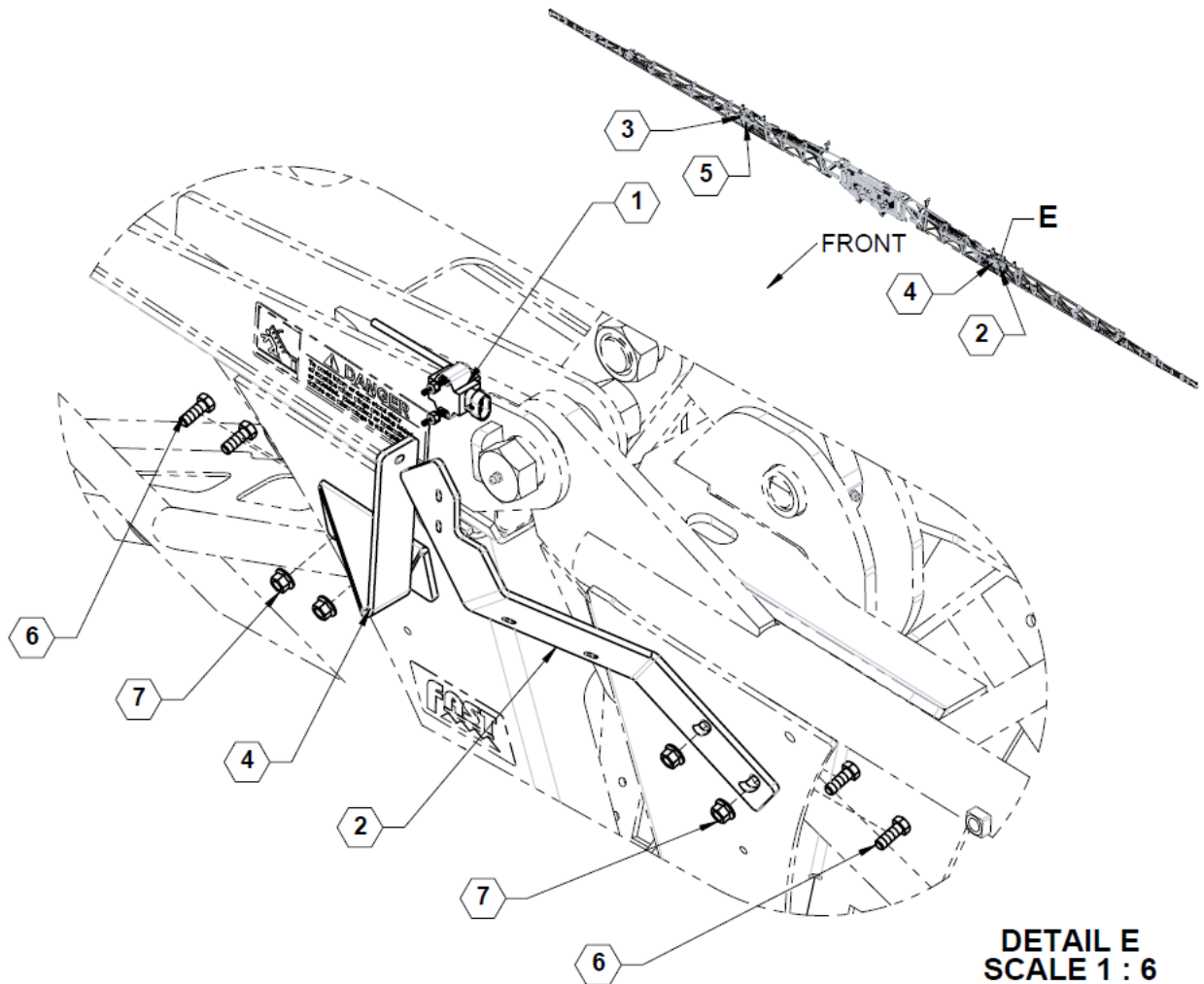
XRT AutoBoom (continued)



Parts List 36709: XRT AutoBoom

ITEM	PART NO.	QTY.	DESCRIPTION
1	21495-1	1	ASSEMBLY, ROTATION SENSOR 050
2	28853-1	2	ASSEMBLY, ROTATION SENSOR 180
3	34701	1	PLATE, SENSATA MOUNT
4	34704	2	PLATE, TILT ROTARY SENSOR
5	34705	2	PLATE, WING TILT SENSOR
6	596101M	4	BOLT, HH 1/4-20 X 3/4 GR5 MAGNI
7	596128M	2	BOLT, HH 3/8-16 X 1 GR5 MAGNI
8	596256M	4	WASHER, FLAT 1/4 USS MAGNI
9	596592M	2	BOLT, CARRIAGE 3/8-16 X 1 MAGNI
10	596767M	4	NUT, HEX FLANGE 1/4-20 MAGNI
11	596769M	4	NUT, HEX FLANGE 3/8-16 MAGNI

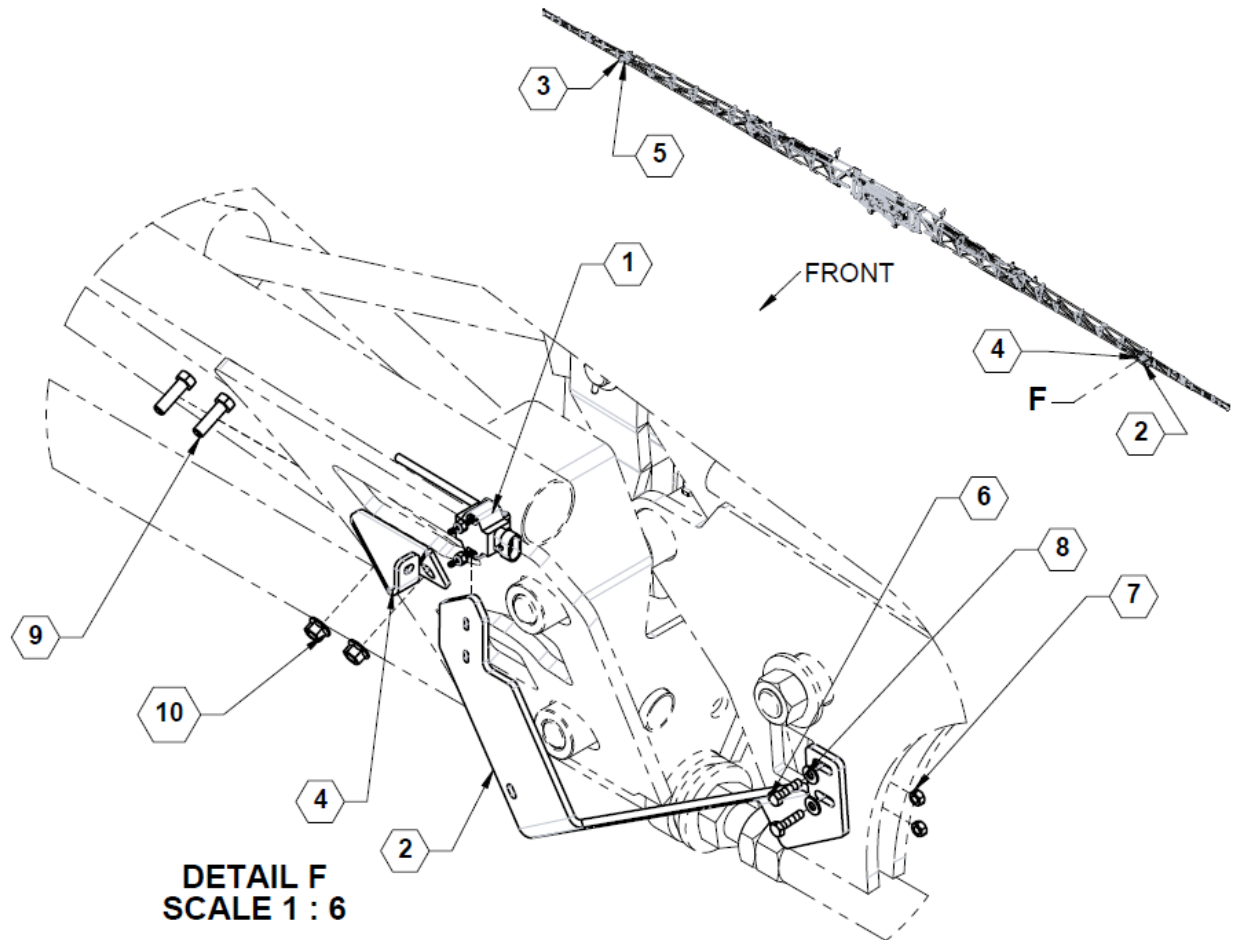
XRT AutoBoom (continued)



Parts List 36709: XRT AutoBoom

ITEM	PART NO.	QTY.	DESCRIPTION
1	22955-1	2	ASSEMBLY, ROTATION SENSOR 270
2	28840	1	LH PRIMARY FLIP ROT SENSOR BRCKT
3	28841	1	BRACKET, RH PRIMARY FLIP ROTARY SENSOR
4	28842	1	BRACKET, LH PRIMARY FLIP SENSOR ROD
5	28843	1	BRACKET, RH PRIMARY FLIP SENSOR ROD
6	596128M	8	BOLT, HH 3/8-16 X 1 GR5 MAGNI
7	596769M	8	NUT, HEX FLANGE 3/8-16 MAGNI

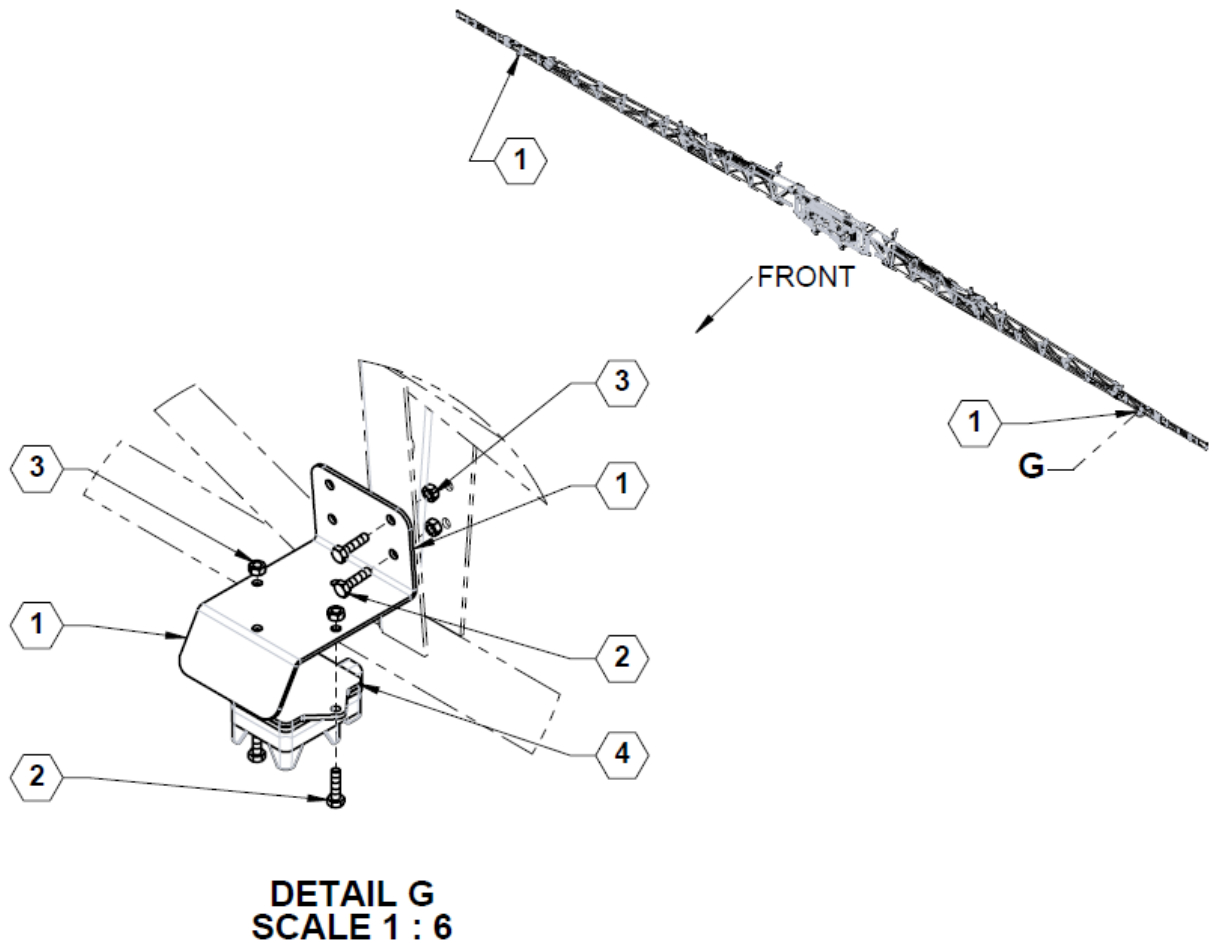
XRT AutoBoom (continued)



Parts List 36709: XRT AutoBoom

ITEM	PART NO.	QTY.	DESCRIPTION
1	22955-1	2	ASSEMBLY, ROTATION SENSOR 270
2	28844	1	BRACKET, LH 2ND FLIP ROTARY SENSOR
3	28845	1	BRACKET, RH 2ND FLIP ROTARY SENSOR
4	28846	1	BRACKET, LH 2ND FLIP SENSOR ROD
5	28847	1	BRACKET, RH 2ND FLIP SENSOR ROD
6	596102M	4	BOLT, HH 1/4-20 X 1 GR5 MAGNI
7	596235M	4	NUT, CENTERLOCK, 1/4-20 MAGNI
8	596256M	4	WASHER, FLAT 1/4 USS MAGNI
9	596635M	4	BOLT, HH 3/8-16 x 1-1/4 MAGNI
10	596769M	4	NUT, HEX FLANGE 3/8-16 MAGNI

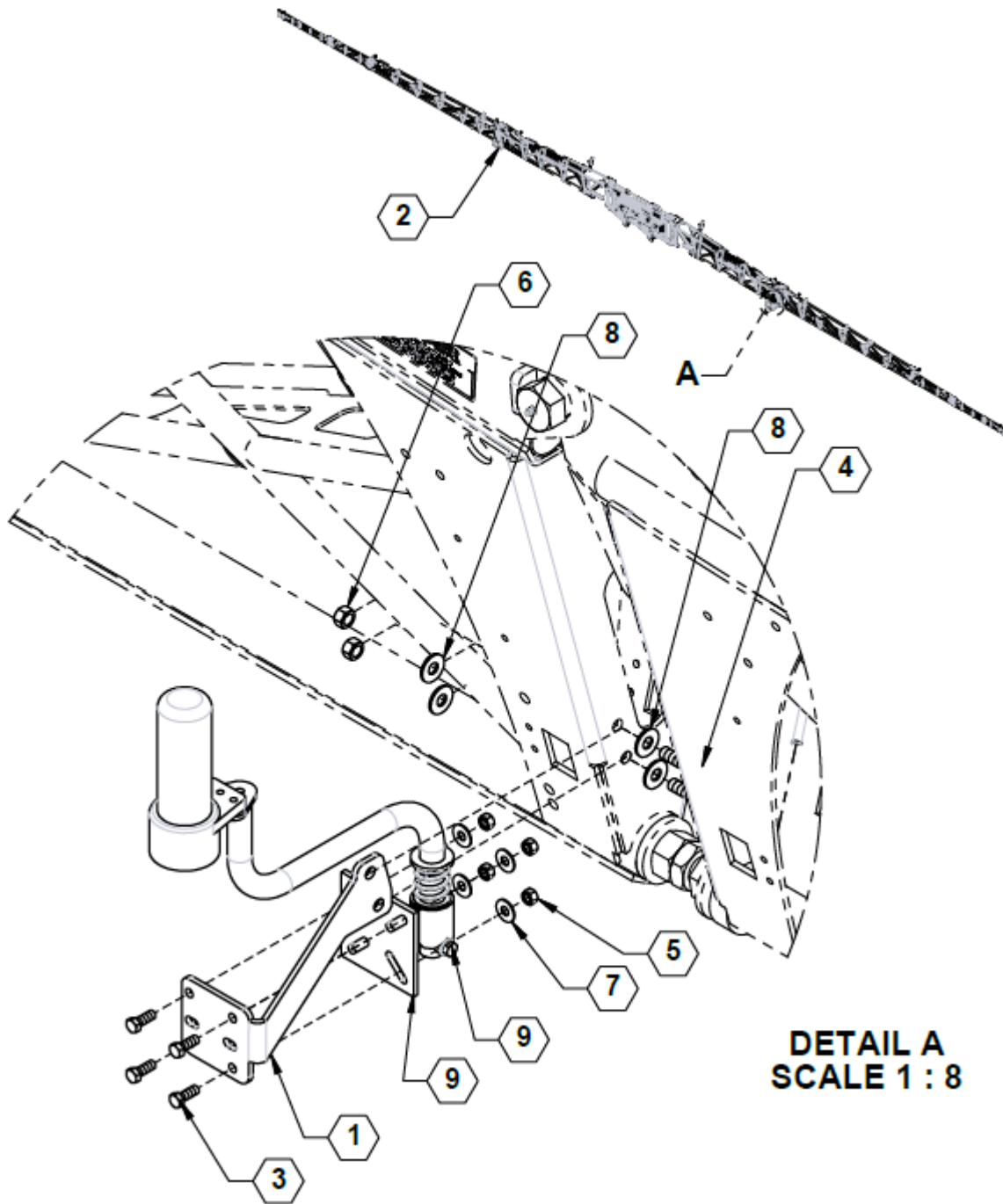
XRT AutoBoom (continued)



Parts List 36709: XRT AutoBoom

ITEM	PART NO.	QTY.	DESCRIPTION
1	28897	2	BRACKET, XRT SENSOR, TRUSS OUTER WING
2	596102M	8	BOLT, HH 1/4-20 X 1 GR5 MAGNI
3	596235M	8	NUT, CENTERLOCK, 1/4-20 MAGNI
4	632209	2	SENSOR, XRT

XRT AutoBoom +2 Sensor Option

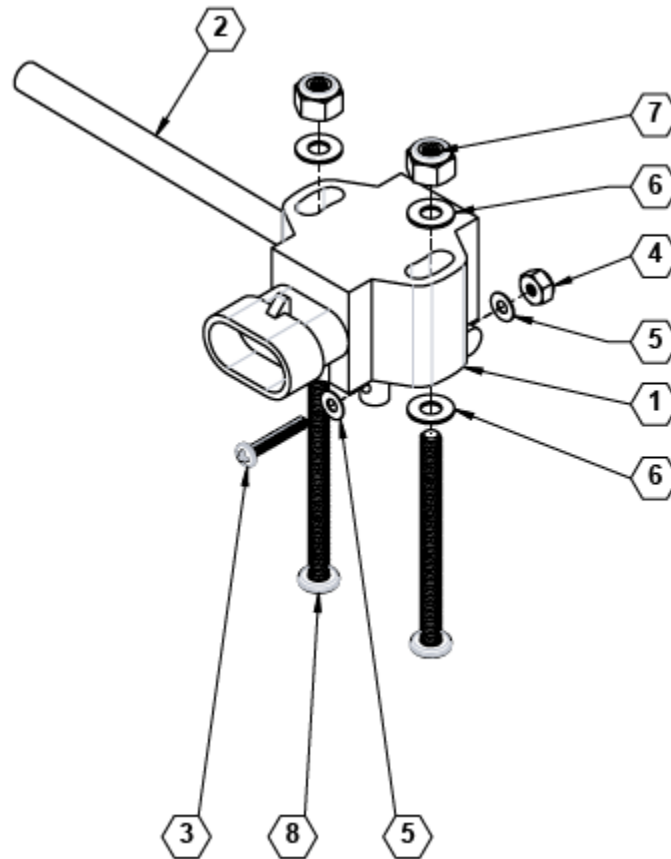




Parts List 36710: XRT AutoBoom +2 Sensor Option

ITEM	PART NO.	QTY.	DESCRIPTION
1	16468L	1	MOUNT LH, RAVEN SENSOR
2	16468R	1	MOUNT RH, RAVEN SENSOR
3	596128M	8	BOLT, HH 3/8-16 X 1 GR5 MAGNI
4	596153M	4	BOLT, HH 1/2-13X1-1/2 GR5 MAGNI
5	596237M	8	NUT, CENTERLOCK 3/8-16 MAGNI
6	596239M	4	NUT, CENTERLOCK, 1/2-13 MAGNI
7	596258M	8	WASHER, FLAT 3/8 MAGNI
8	596260M	8	WASHER, FLAT 1/2 MAGNI
9	631881	2	RAVEN BRACKET SENSOR MOUNT

XRT Rotation Sensor

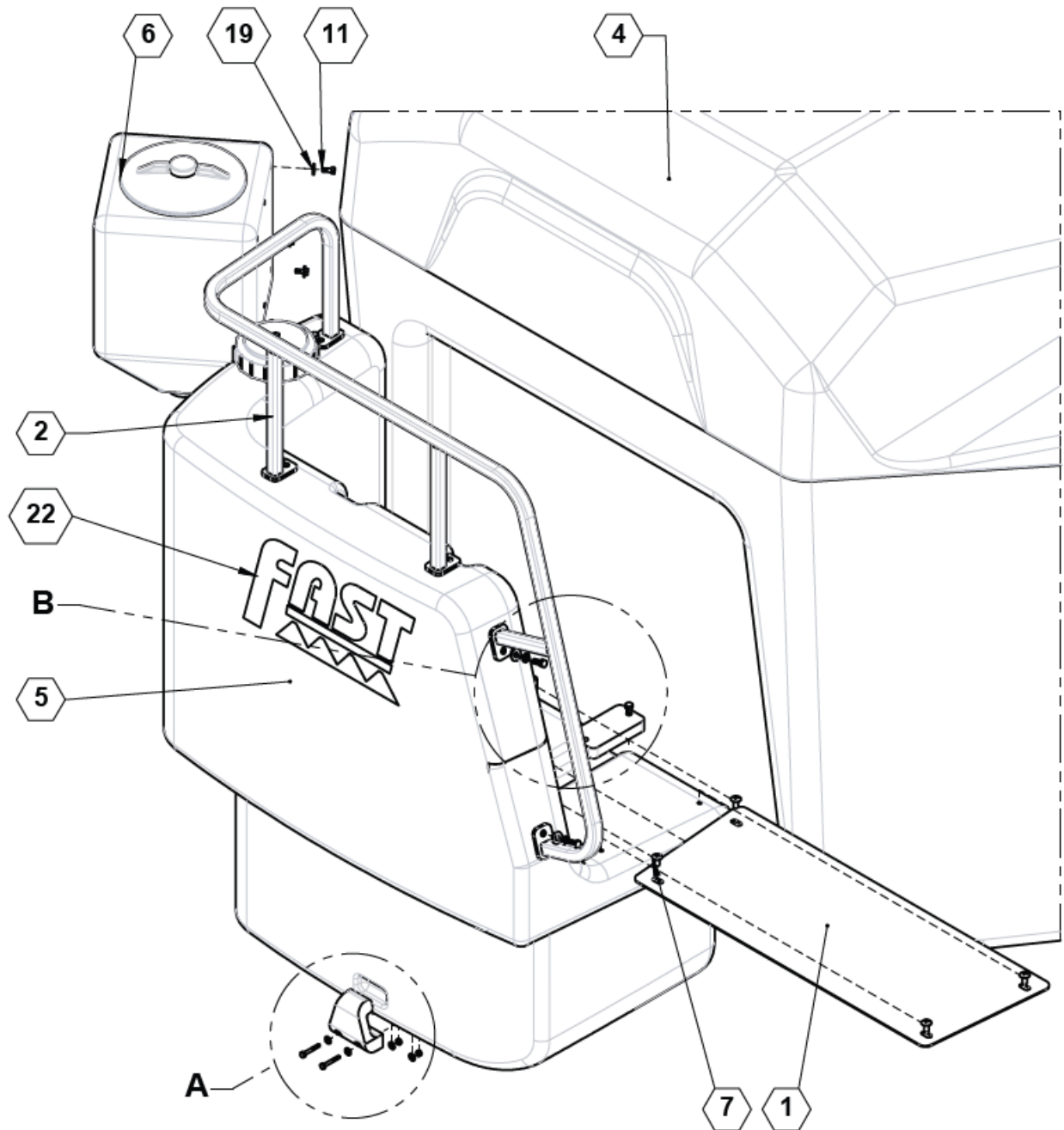


Parts List 21495-1 / 22955-1 / 28853-1: XRT Rotation Sensor

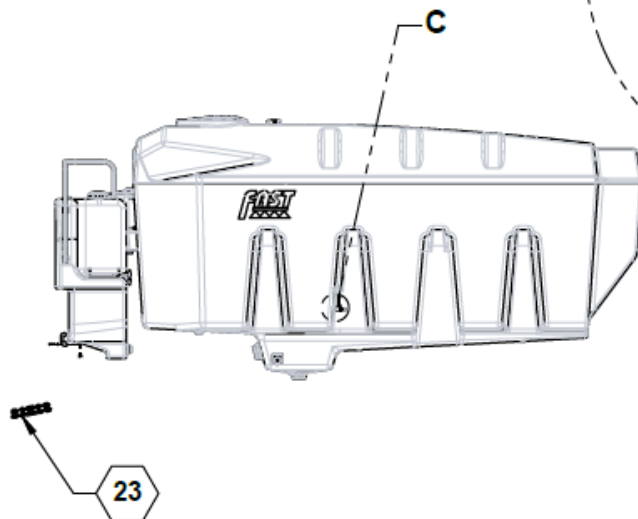
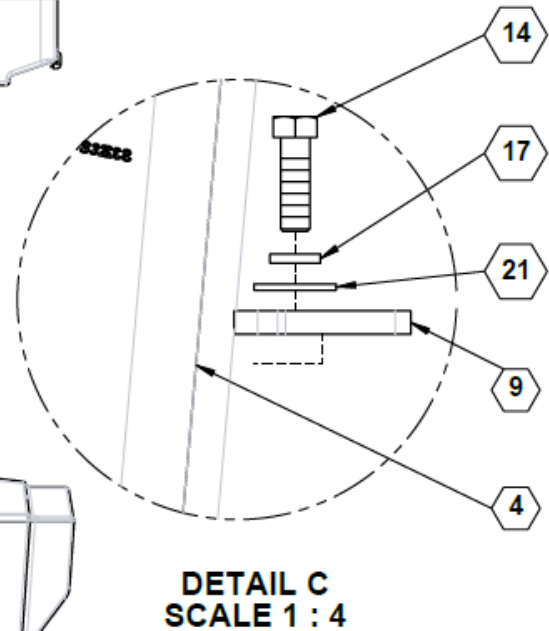
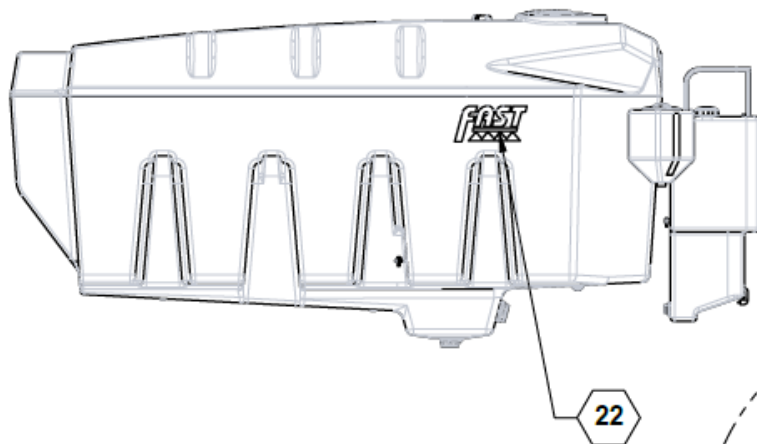
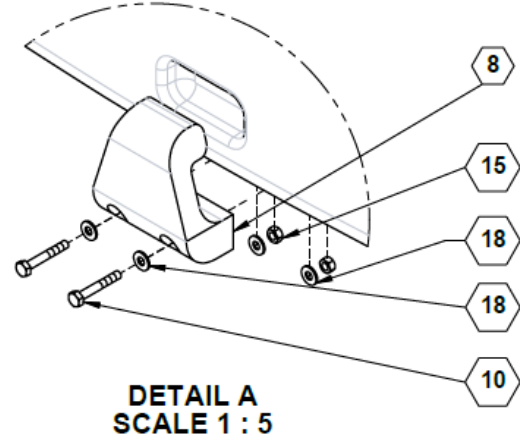
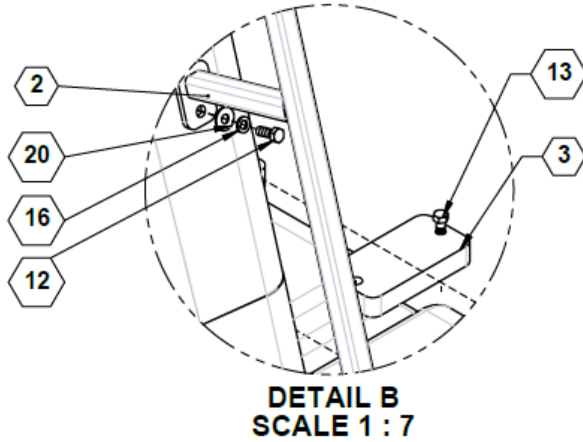
ITEM	PART NO.	QTY.	DESCRIPTION
1	21495	1	180 ROTARY SENSOR
	22955		270 ROTARY SENSOR
	28853		050 ROTARY SENSOR
2	22906	1	ROD, ROTARY SENSOR LEVER
3	590275	1	SCREW PHIL 3-48 X .625 SS18-8
4	590276	1	NUT NYLON 3-48 SS18-8
5	590277	2	WASHER #3 SS18-8
6	590435	4	(180/270) WASHER, #8 SS
	590272		(050 only) WASHER, #10 SS
7	590436	2	(180/270) NUT, NYLOCK, 8-32 SS
	590274		(050 only) NUT, NYLON 10-24 SS
8	590437	2	(180/270) SCREW, #8-32 X 2" SS
	590275		(050 only) SCREW, #10-24 X 1.75 SS

TANK & PUMP

Main, Rinse, and Handwash Tank



Main, Rinse, and Handwash Tank (continued)





ILLUSTRATED PARTS LIST

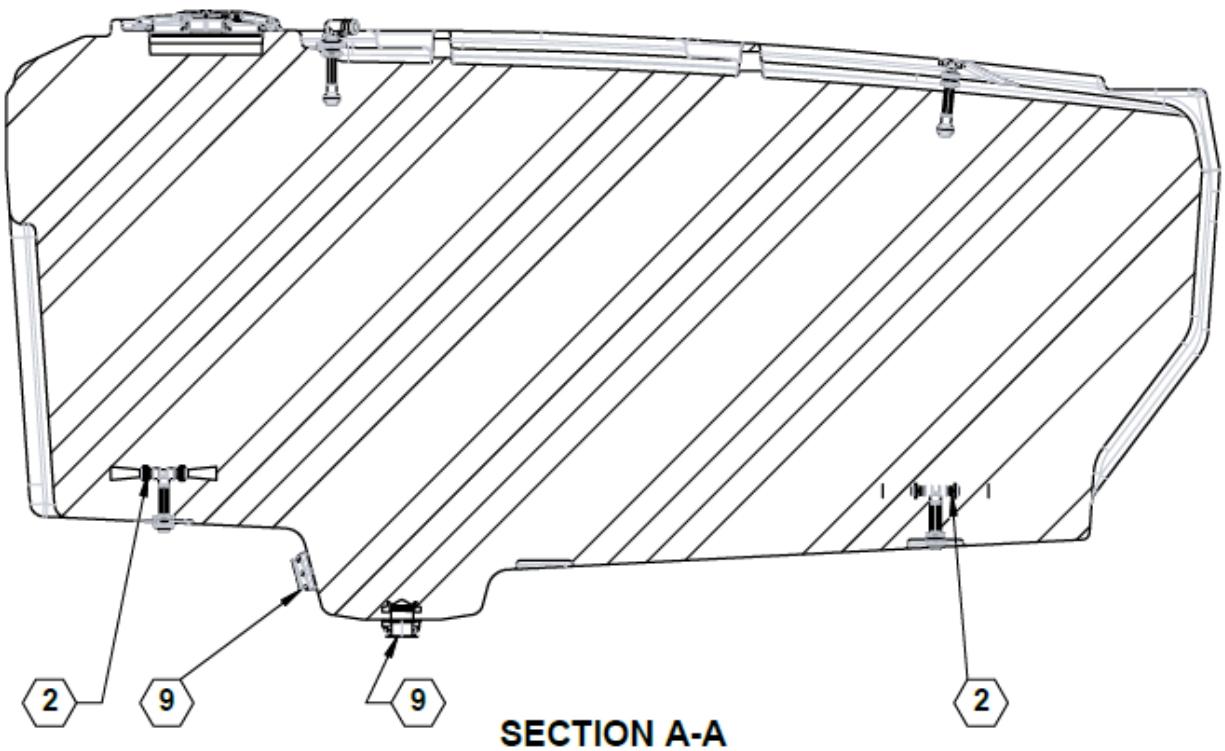
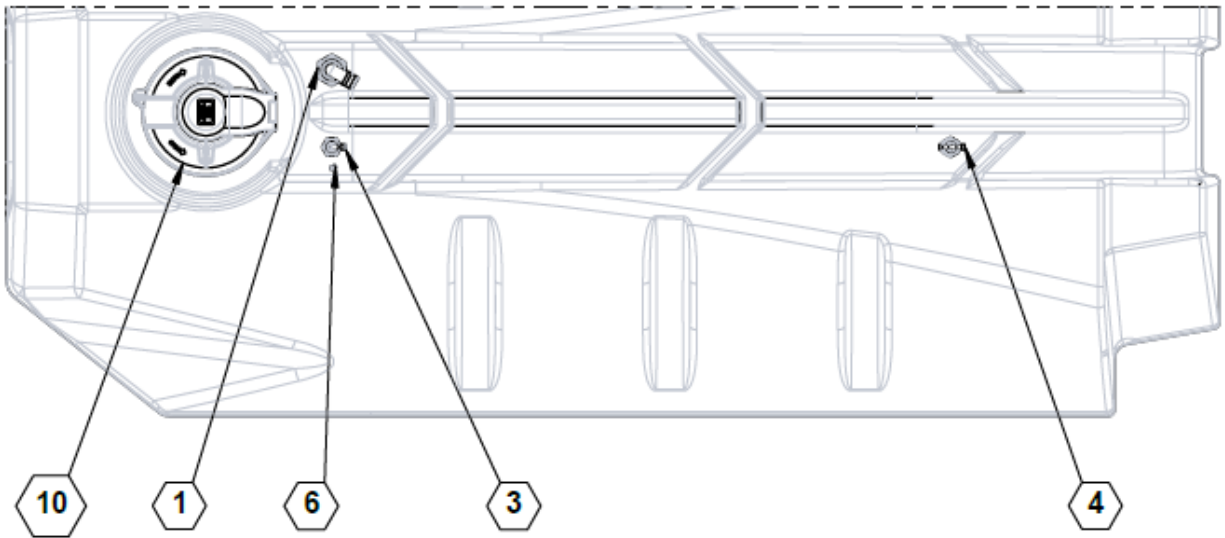
[TOC](#)

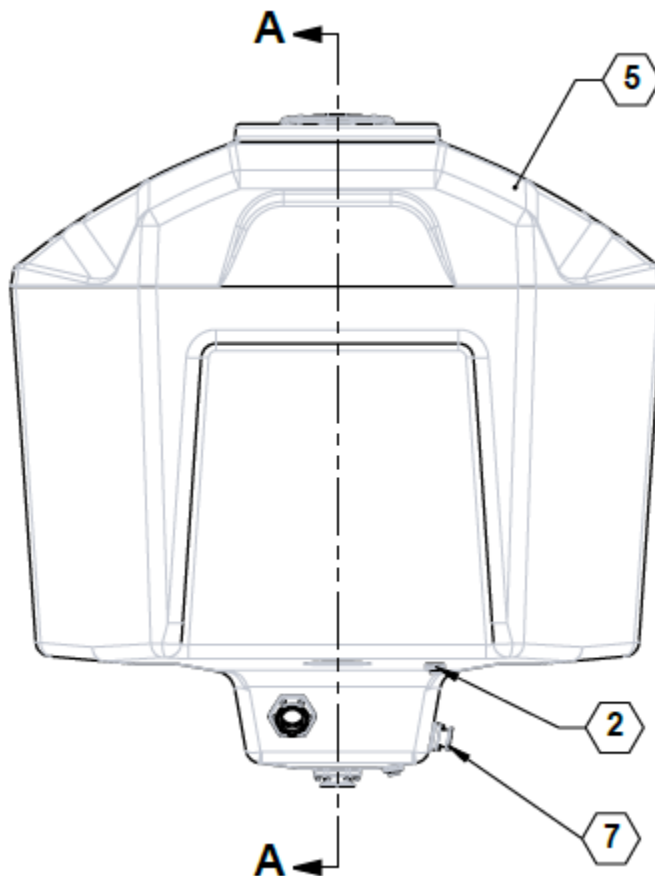
Parts List 36166 / 36167: Main, Rinse, and Handwash Tank

ITEM	PART NO.	QTY.	DESCRIPTION
1	10612	1	PLATFORM, TOP
2	10638	1	HANDRAIL ASSEMBLY
3	10669	2	RINSE TANK REAR HOLD DOWN
4	36160	1	TANK W/ FITTINGS, 3200-GAL, YELLOW
	36165		TANK W/ FITTINGS, 3200-GAL, WHITE
5	570004TNK	1	RINSE TANK, 100 GALLON, YELLOW
	570003TNK		RINSE TANK, 100 GALLON, WHITE
6	570097	1	TANK 10-GAL, YELLOW
	570092		TANK 10-GAL, WHITE
7	590001	4	PHILLIPS PANHEAD #10 X 3/4" SMS
8	590022	1	HOLD-DOWN
9	590023	2	TAB, HOLD DOWN
10	596104M	2	BOLT, HH 1/4-20X1-3/4 GR5 MAGNI
11	596114M	4	BOLT, HH 5/16-18X3/4 GR5 MAGNI
12	596128M	5	BOLT, HH 3/8-16 X 1 GR5 MAGNI
13	596130M	2	BOLT, HH 3/8-16 X 2 GR5 MAGNI
14	596170M	2	BOLT, HH 5/8-11X2 GR5 MAGNI
15	596235M	2	NUT, CENTERLOCK, 1/4-20 MAGNI
16	596250M	5	LOCKWASHER, 3/8 MAGNI
17	596253M	2	LOCKWASHER 5/8 MAGNI
18	596256M	4	WASHER, FLAT 1/4 USS MAGNI
19	596257M	4	WASHER, FLAT 5/16 USS MAGNI
20	596258M	5	WASHER, FLAT 3/8 MAGNI
21	596261M	2	WASHER, FLAT 5/8 MAGNI
22	800181	3	FAST TANK LOGO
23	800372	2	DECAL, S32 SILVER, 3200-GAL TANK

See also: [Hand Wash Hose & Fittings](#)

3200 Gal. Tank with Fittings

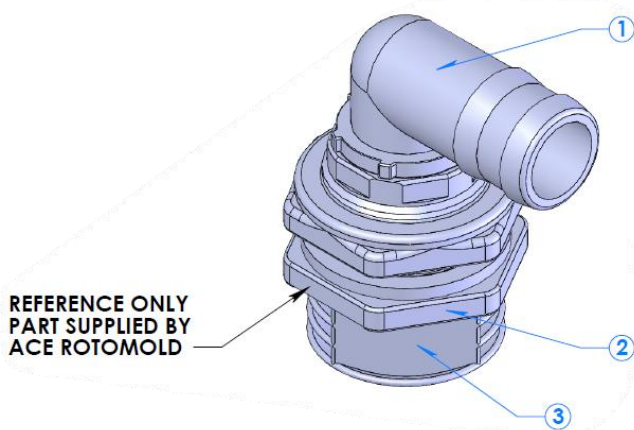




Parts List 36160 / 36165: 3200 Gal. Tank with Fittings

ITEM	PART NO.	QTY.	DESCRIPTION
1	90SAFCOV	1	FERT TANK VENTED OVERFLOW
2	90SALTRUMPET	2	AGITATION ASSEMBLY
3	90SARNSEBALLASY	1	RINSE BALL W/90° ELBOW
4	90SARNSEBALLASYT	1	RINSE BALL W/ TEE
5	36159	1	TANK, 3200-GAL YELLOW SPRAY, CUT
	36164		TANK, 3200-GAL WHITE SPRAY, CUT
6	530004	1	FITTING, ELBOW, .250 QC X .250 MPT, 90D
7	530118	1	TANK FITTING, 2" FLANGE BD
8	530160	1	FLANGE, 3/4" POLY TANK
9	530508	2	FITTING, 3" BOLTED FLANGE BOTTOM DRAIN
10	570158	1	LID, NONVENTED, DEN HARTOG 14762

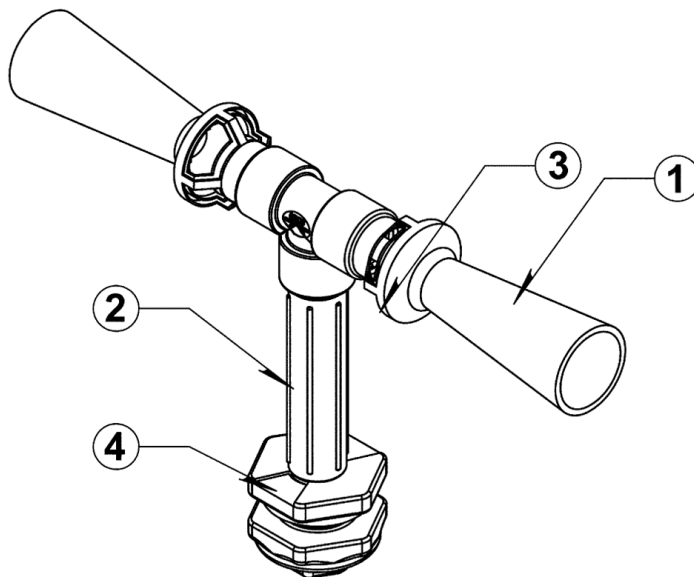
Tank Vented Overflow Fitting



Parts List 90SAFCOV: Tank Vented Overflow Fitting

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

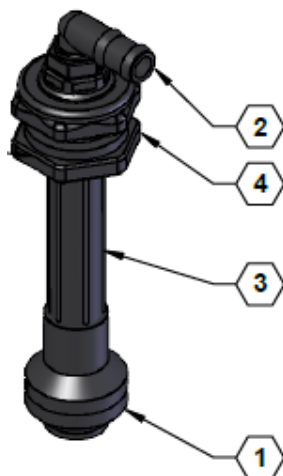
Tank Agitation Fittings



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

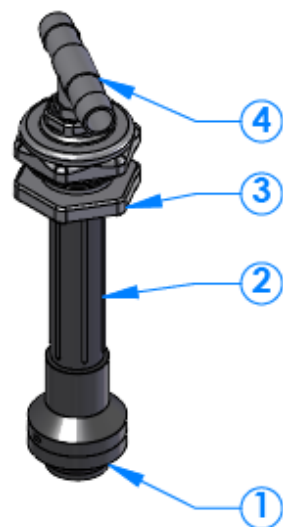
Rinse Ball Assembly, 90° Elbow



Parts List 90SARNSEBALLASY: Rinse Ball Assembly, 90 Elbow

ITEM	PART NO.	QTY.	DESCRIPTION
1	520012	1	NOZZLE, RINSE TANK
2	530040	1	HOSE SHANK, 3/4" MPT X 3/4" HB 90~
3	530130	1	NIPPLE, 3/4" X 6"
4	530160	1	FLANGE, 3/4" POLY TANK

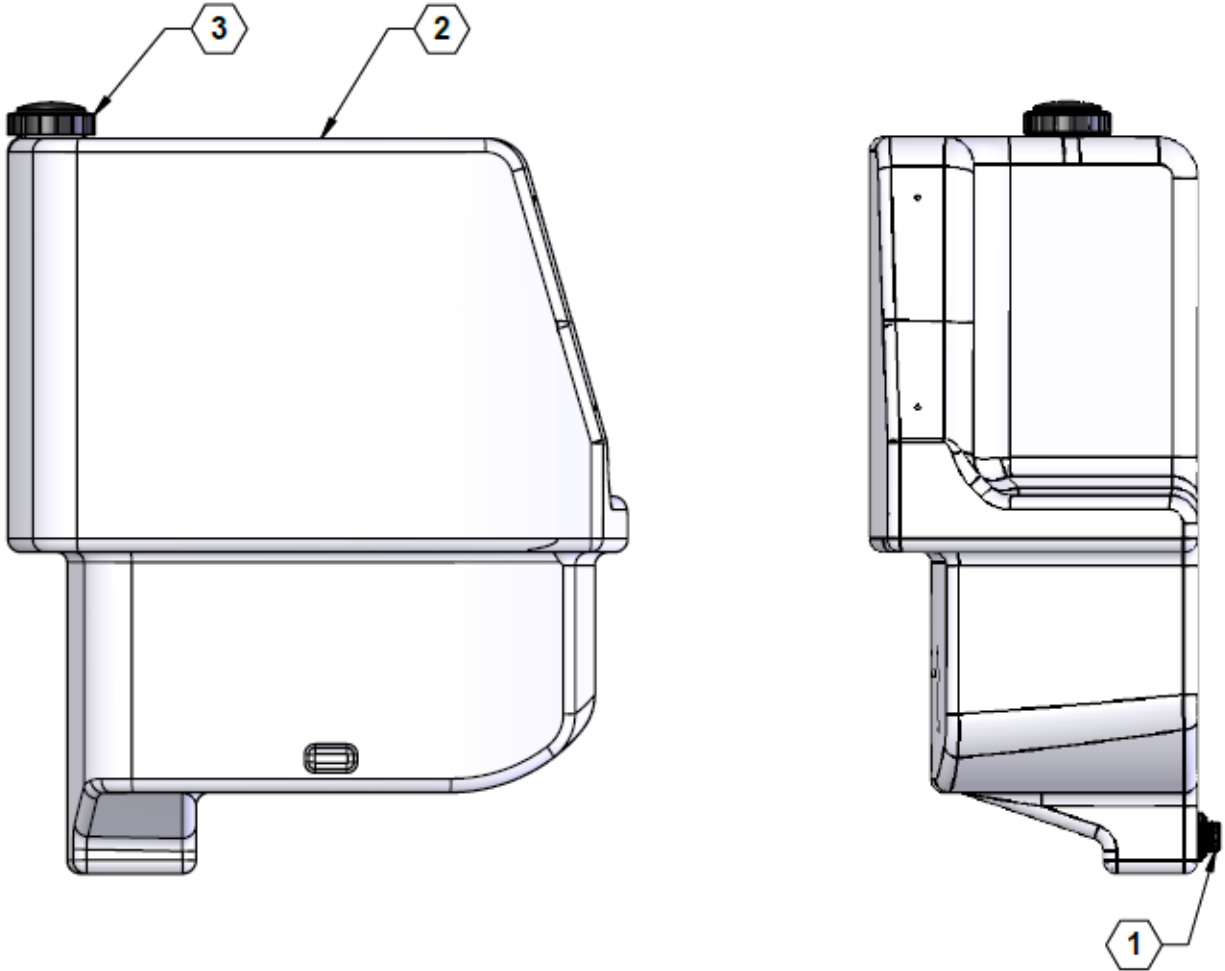
Rinse Ball Assembly, Tee



Parts List 90SARNSEBALLASYT: Rinse Ball Assembly, Tee

ITEM	PART NO.	QTY.	DESCRIPTION
1	520012	1	NOZZLE, RINSE TANK
2	530130	1	NIPPLE, 3/4" X 6"
3	530160	1	FLANGE, 3/4" POLY TANK
4	530221	1	3/4" MPT X 3/4" HOSE BARB TEE

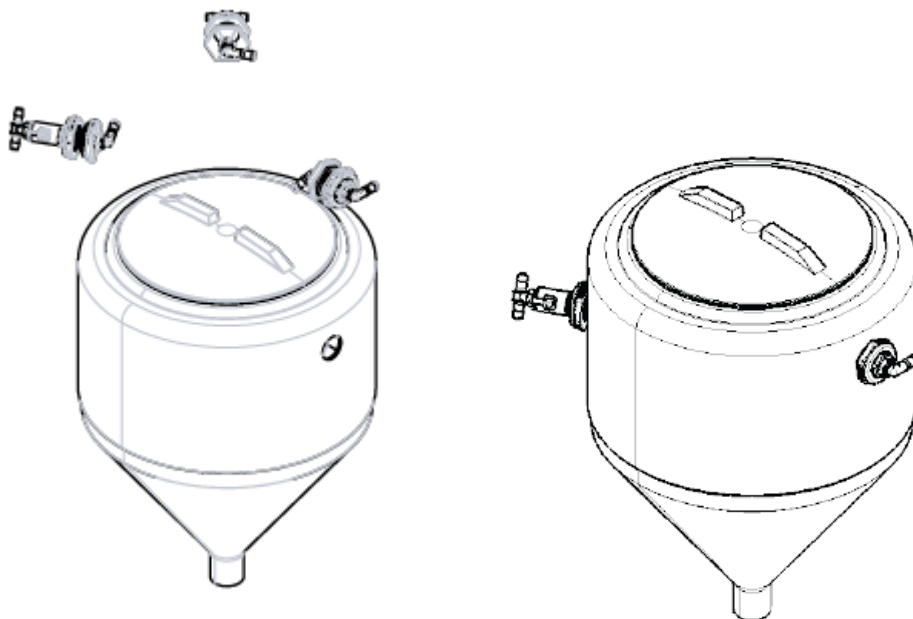
Rinse Tank



Parts List 570003TNK / 570004TNK: Rinse Tank

ITEM	PART NO.	QTY.	DESCRIPTION
1	530522	1	FITTING, 1.25" POLY BULKHEAD
2	570179	1	TANK, 100 GALLON YELLOW RINSE
3	570181	1	LID, 5" WITH 2 WAY STEP VENT

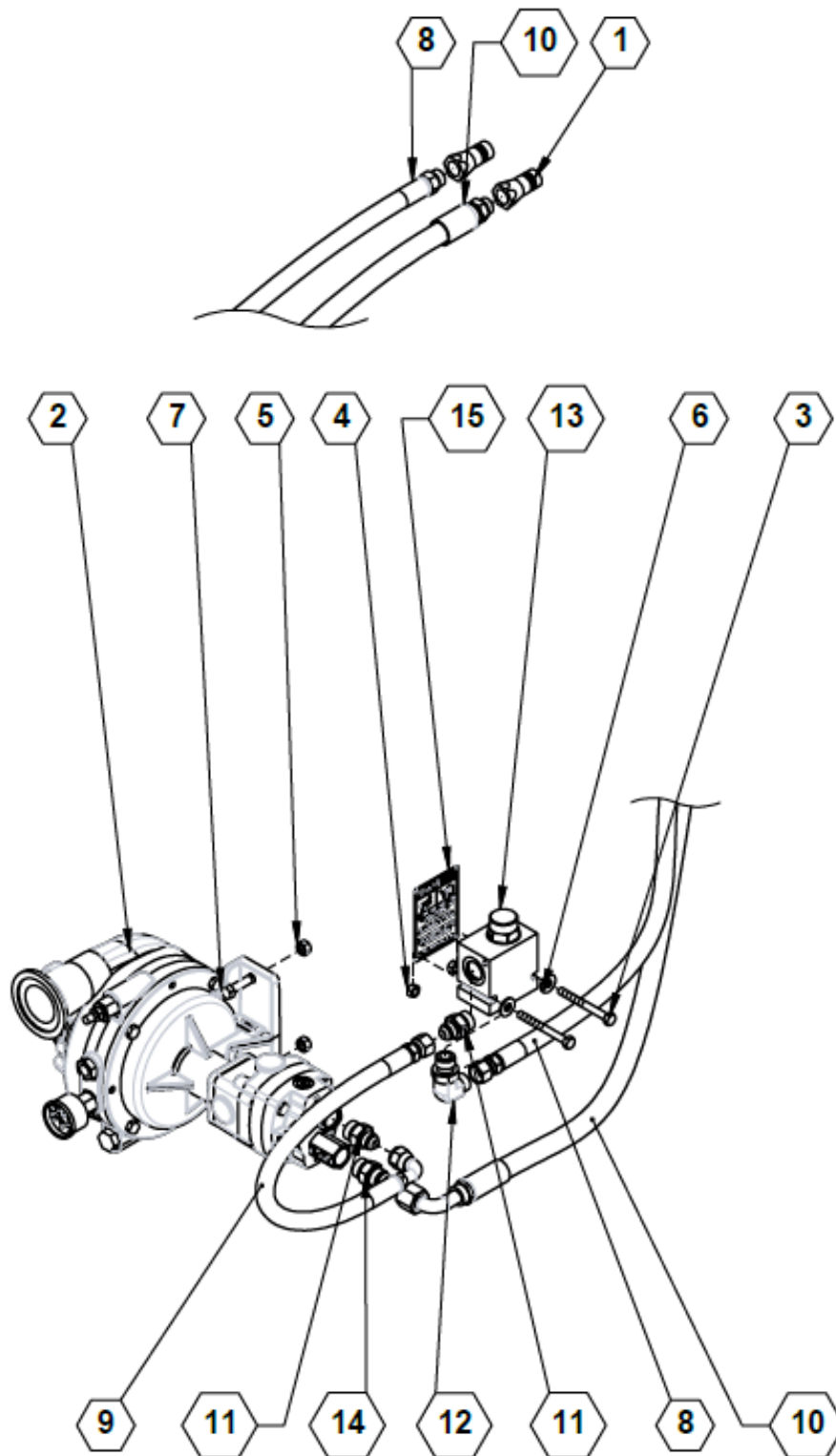
Eductor Tank – 15 Gal.



Parts List 36196 / 36297: Eductor Tank – 15 Gal.

ITEM	PART NO.	QTY.	DESCRIPTION
-	590469	1	JUG RINSE KIT
-	570190TNK	1	(WHITE) EDUCTOR, 15 TANK WITH HOLES
	570192TNK		(YELLOW) EDUCTOR, 15 TANK WITH HOLES

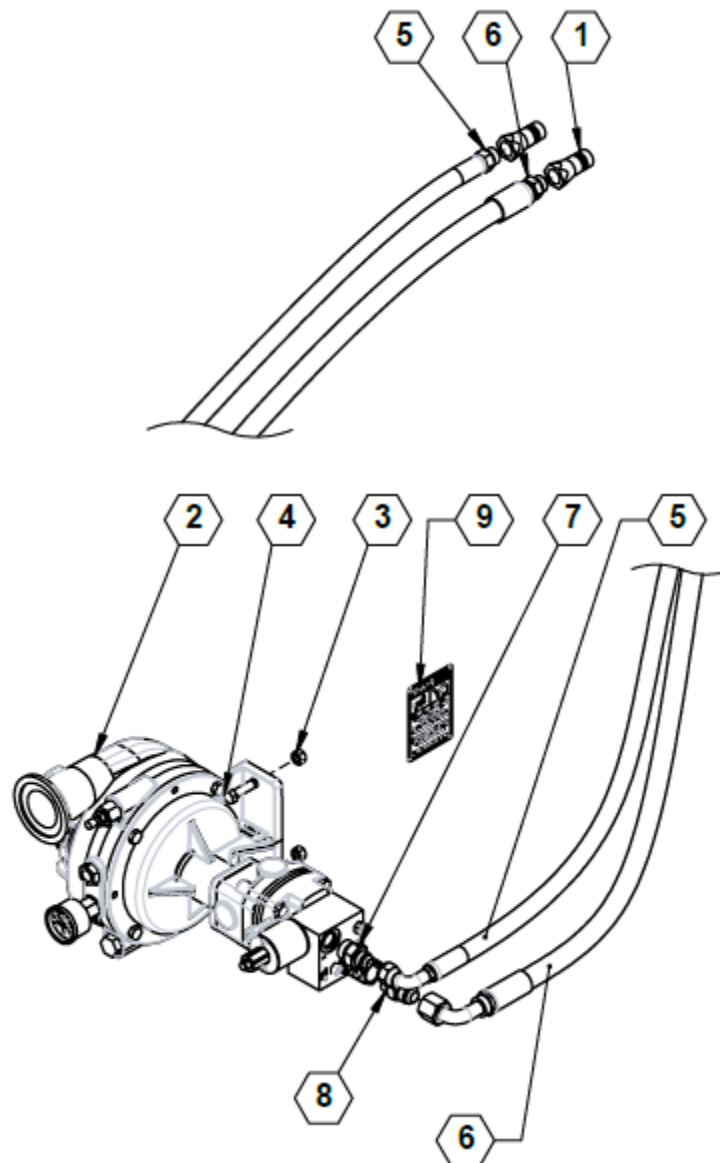
Pump Non-PWM (ACE 255F-304 WET SEAL or ACE FMC-750-HYD OASIS)



Parts List 36200 / 36202: Pump Non-PWM (ACE 255F-304 WET SEAL or ACE FMC-750-HYD OASIS)

ITEM	PART NO.	QTY.	DESCRIPTION
1	520048	2	PIONEER COUPLER #8 FORB
2	550055	1	PUMP, ACE 255F-304 WET SEAL
	550018		PUMP, ACE FMC-750F-HYD-M22
3	596119M	2	BOLT, HH 5/16-18 X 3 GR5 MAGNI
4	596236M	2	NUT, CENTERLOCK, 5/16-18 MAGNI
5	596237M	2 (250F)	NUT, CENTERLOCK 3/8-16 MAGNI
		4 (750F)	
6	596257M	2	WASHER, FLAT 5/16 USS MAGNI
7	596635M	2 (250F)	BOLT, HH 3/8-16 x 1-1/4 MAGNI
		4 (750F)	
8	600137-01-ZN	1	HOSE ASSY, 8-8MORB-8FJX-149
9	600137-02-ZN	1	HOSE ASSY, 8-8FJX-10FJX90-24
10	600137-03-ZN	1	HOSE ASSY, 10-8MORB-10FJX90-154
11	610060	2	JIC #8 TO ORING #10
12	610086	1	JIC #8 TO O-RING #10 ELBOW 90°
13	610099	1	(250F) FLOW REGULATOR, 13 GPM
	630057		(750F) FLOW REGULATOR, 16 GPM
14	610106	1	ADAPTER, -10MJIC X -10MORB
15	800004	1	DECAL, WARNING-HIGH PRESSURE
16	830017	0	SCHEMATIC, HYDRAULIC S-SERIES

Pump PWM (ACE 255F-304 PWM WET SEAL or ACE FMC-750-HYD PWM OASIS)



Parts List 36199 / 36201: Pump PWM (ACE 255F-304 PWM WET SEAL or ACE FMC-750-HYD PWM OASIS)

ITEM	PART NO.	QTY.	DESCRIPTION
1	520048	2	PIONEER COUPLER #8 FORB
2	550056	1	PUMP, ACE 255F-304 PWM WET SEAL
	550044		PUMP, 750 OASIS W/ PWM
3	596237M	2 (250F)	NUT, CENTERLOCK 3/8-16 MAGNI
		4 (750F)	
4	596635M	2 (250F)	BOLT, HH 3/8-16 x 1-1/4 MAGNI
		4 (750F)	
5	600136-01-ZN	1	HOSE ASSY, 8-8MORB-10FJX90-158
6	600136-02-ZN	1	HOSE ASSY, 10-8MORB-10FJX90-158
7	610060	1	JIC #8 TO ORING #10
8	610106	1	ADAPTER, -10MJIC X -10MORB
9	800004	1	DECAL, WARNING-HIGH PRESSURE
10	830017	0	SCHEMATIC, HYDRAULIC S-SERIES

Pump Breakdown

See also:

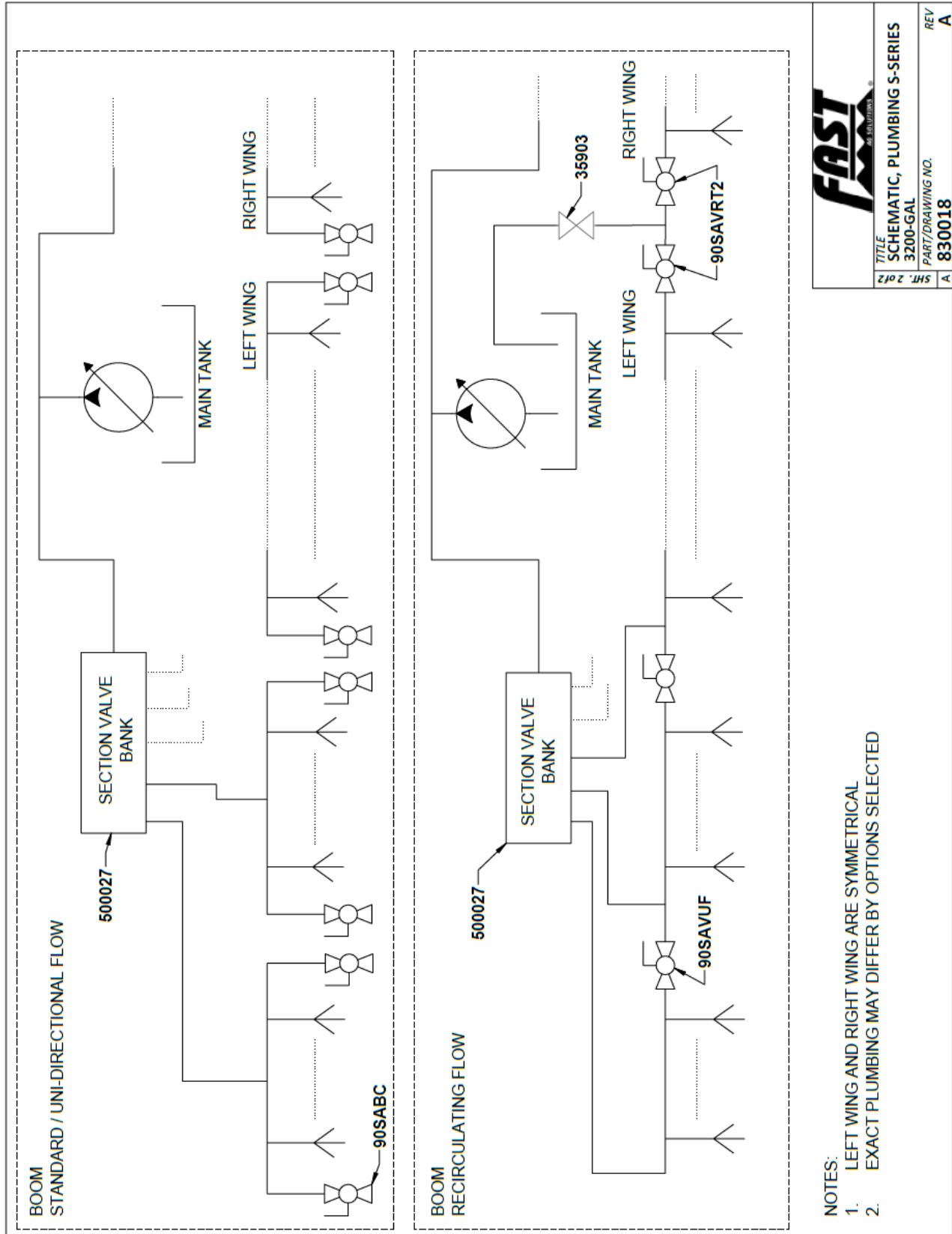
- 550055 ACE 255F-304
- 550056 ACE 255F-304 PWM
- 550018 ACE 750
- 550044 ACE 750 PWM



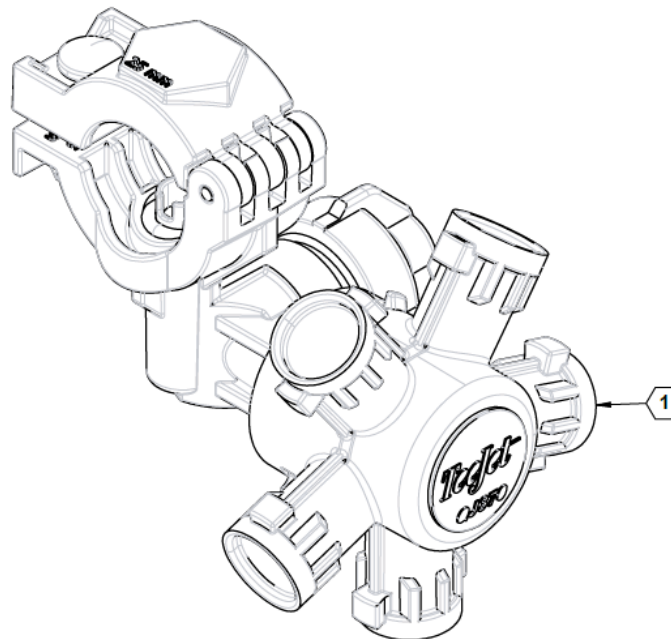
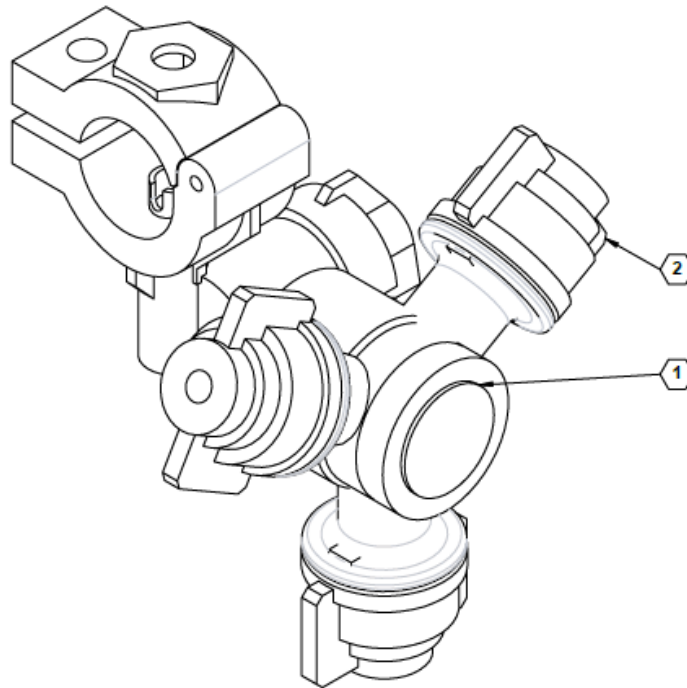
[820127-Pumps-Catalog-Parts-Manual-English.pdf](#)

PRODUCT PLUMBING on BOOM

Plumbing Schematic (830018)



Standard Nozzles

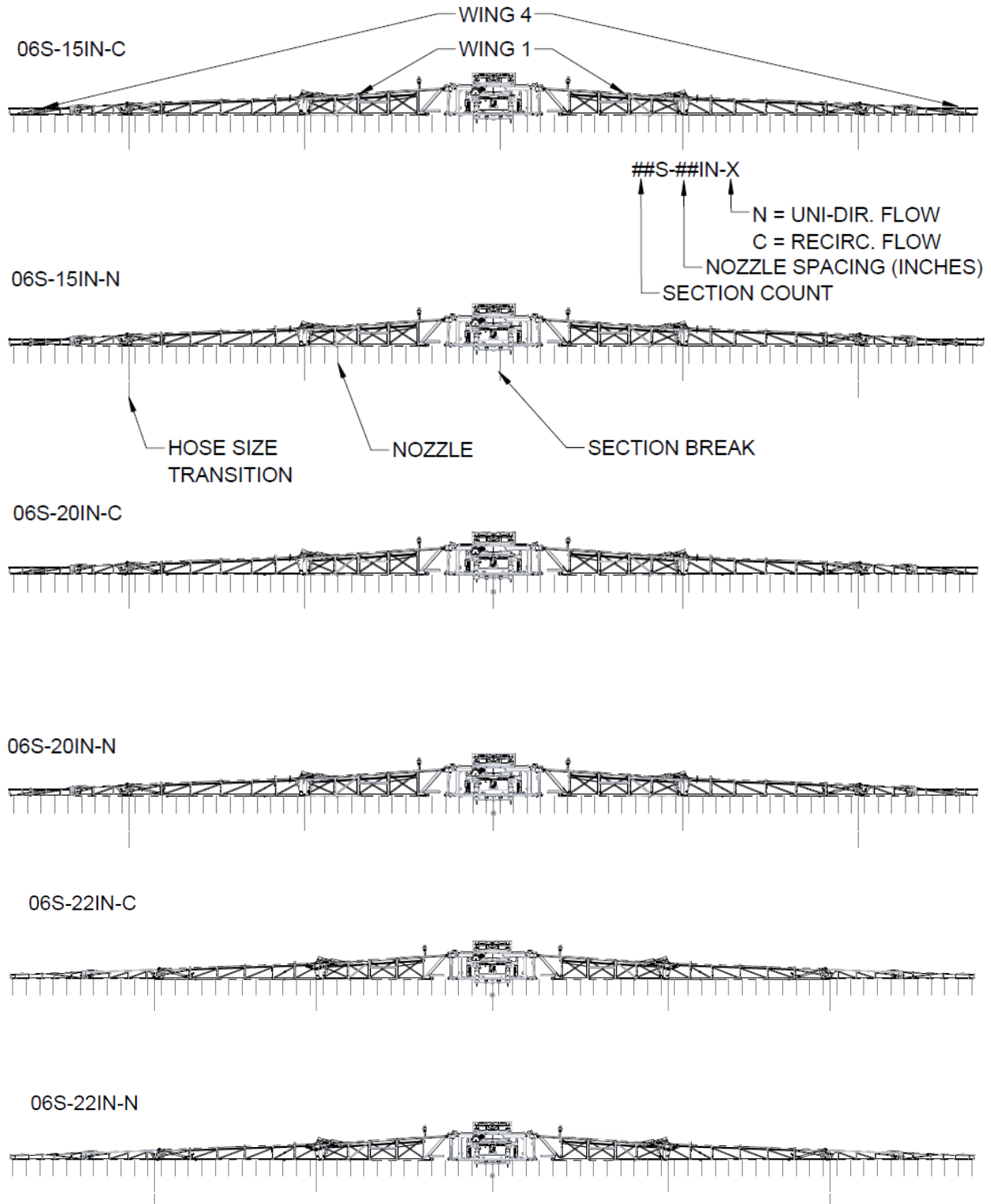


Parts List: Standard Nozzles

ITEM	PART NO.	QTY.	DESCRIPTION
1	590084	A.R.	NOZZLE BODY, TRIPLE, 25mm TUBE
	520085	A.R.	NOZZLE BODY, QUINTUPLE, 25mm TUBE
2	-	A.R.	NOZZLE TIP, QT AIXR04, RED

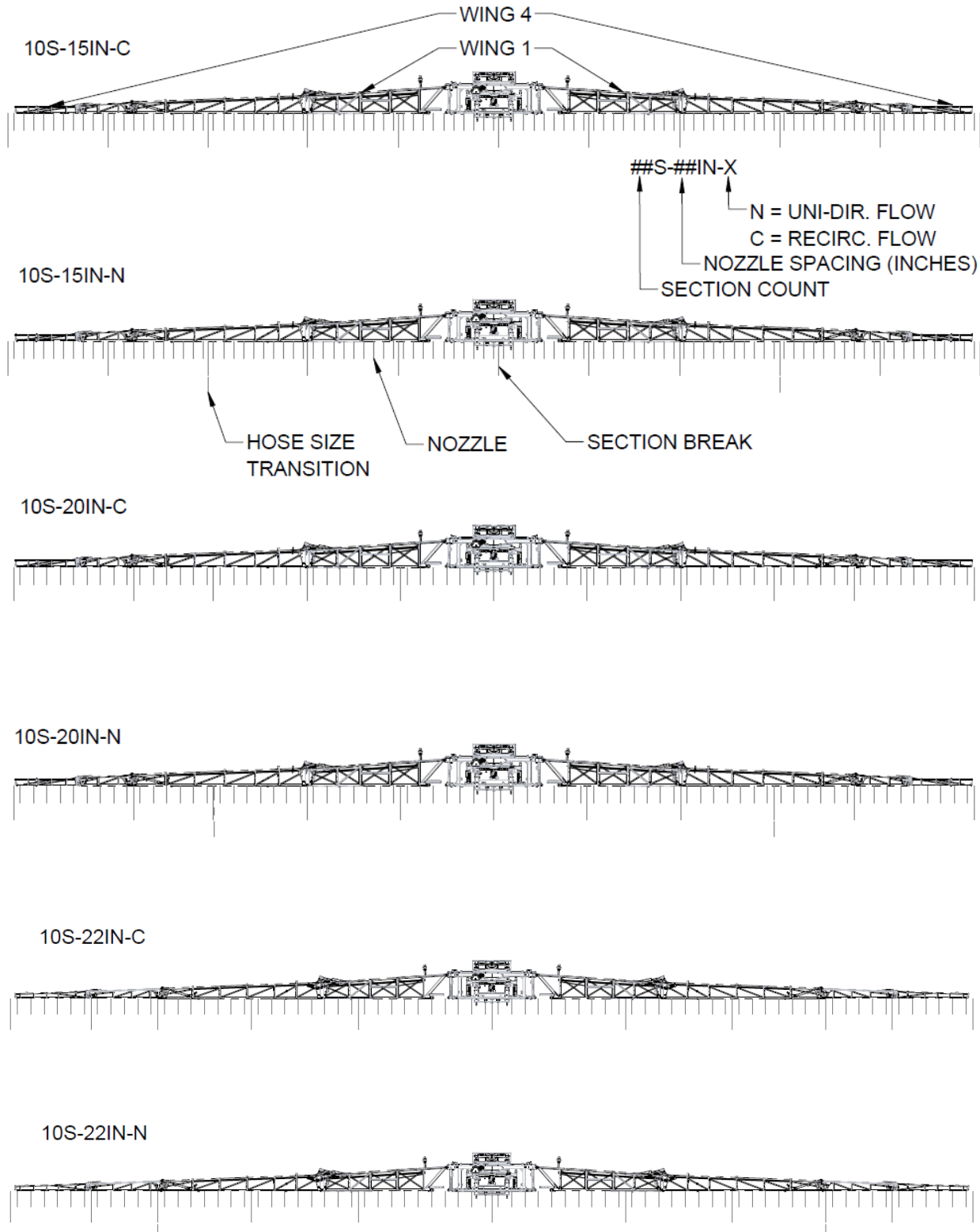
Wet Boom Plumbing, Section Overview

06-Section Spacing

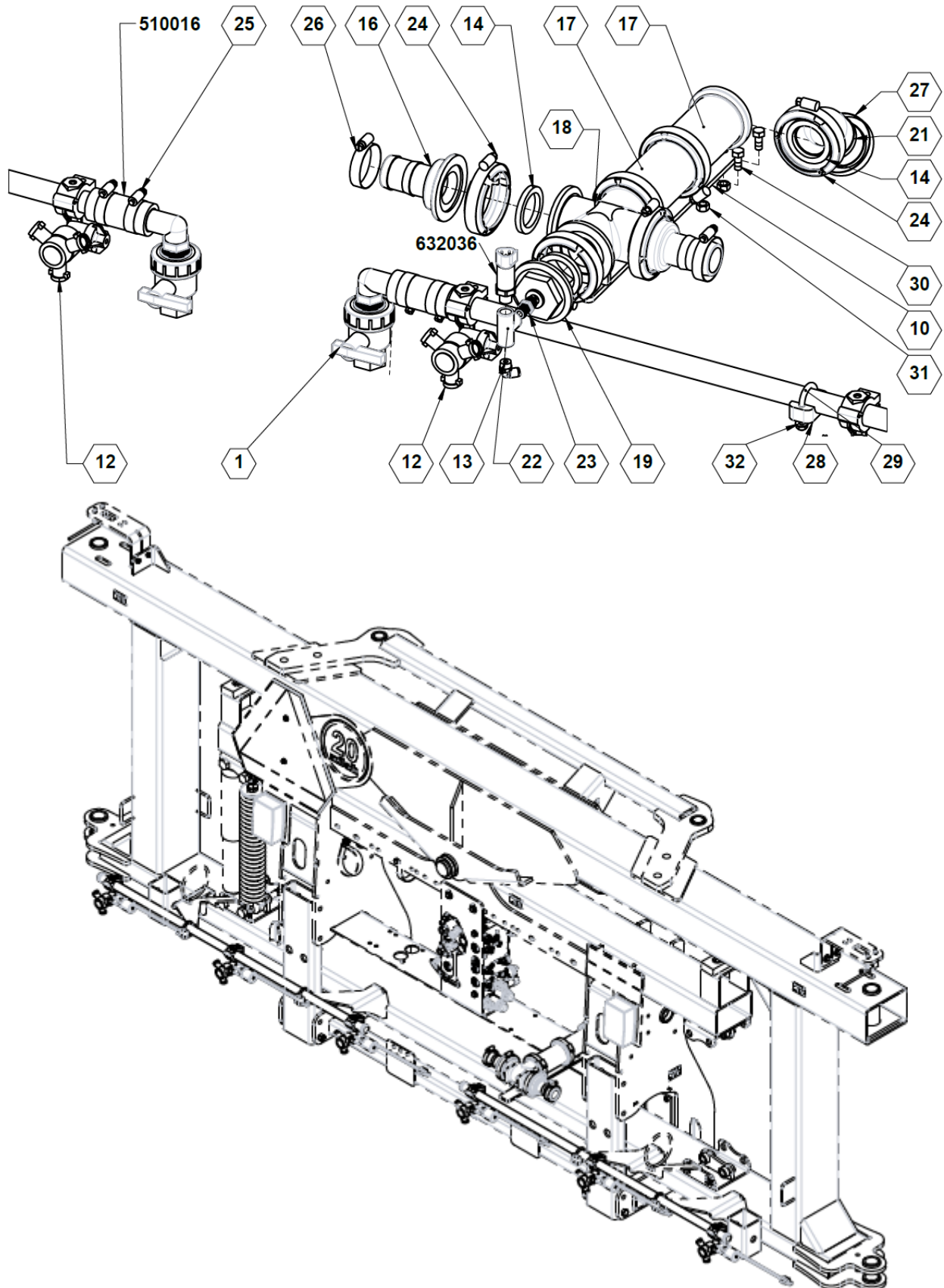


Wet Boom Plumbing, Section Overview (continued)

10-Section Spacing



Wet Boom Plumbing – Center – Common Items, 120' / 132'





ILLUSTRATED PARTS LIST

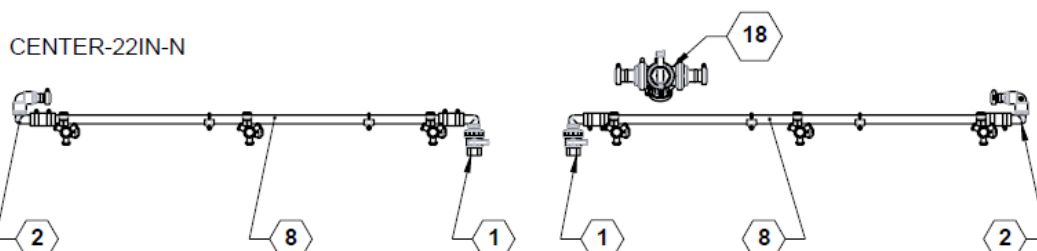
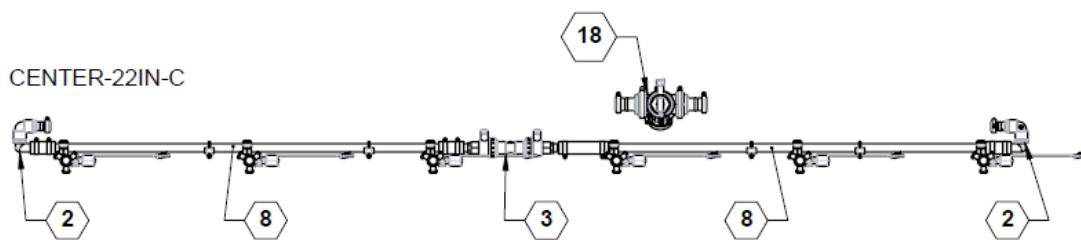
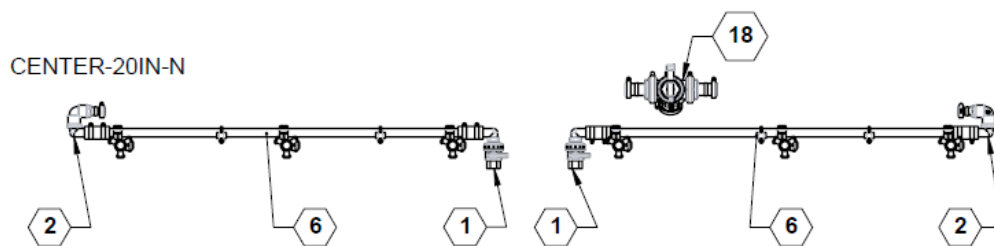
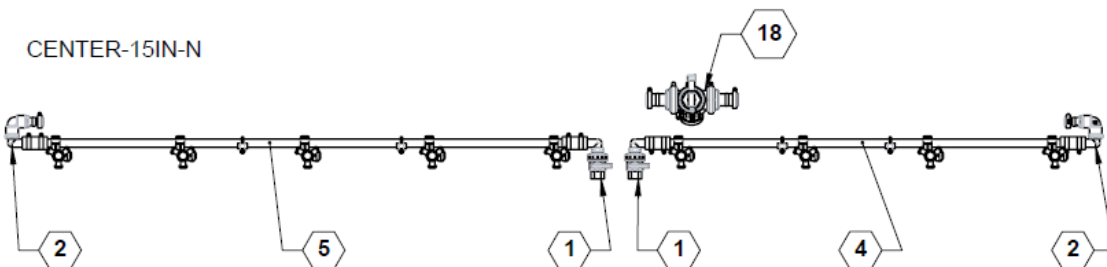
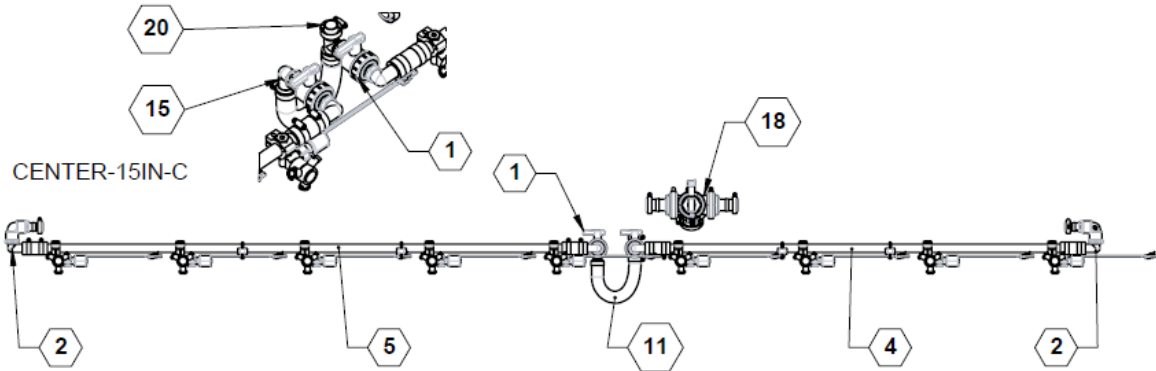
[TOC](#)

Parts List, Center: Wet Boom Plumbing – Center – Common Items, 120' / 132'

C	Recirculating / Capstan
N	Uni-Directional / Non-Flowback

#	PART	15IN- C	15IN- N	20IN- C	20IN- N	22IN- C	22IN- N	DESCRIPTION
1	90SABC	2	2	-	2	-	2	ASSY, BOOM CLEAN OUT
10	14324	-	-	-	-	-	-	WET TUBE 4 PORT 22"
12	510016	4.6	3.6	3.6	3.6	3.6	3.6	(FT) HOSE, 1IN EPDM
13	520084	9	9	6	6	6	6	NOZZLE BODY, TRIPLE 25mm
14	530004	-	1	-	1	-	1	FITTING, ELBOW, .250 QC X .250 MPT, 90D
16	530036	1	-	-	-	-	-	ELBOW, .75 MPT X 1.00 HB, 90~
17	530079	2	2	2	2	2	2	MANIFOLD FLANGE, 2" X 1-1/2" HB
18	530084	2	2	2	2	2	2	FLANGE, STD PORT 2" X 2"
19	530090	-	1	-	1	-	1	CROSS, MANIFOLD 2.00
21	530097	1	-	1	-	1	-	MANIFOLD TEE, 2"
22	530181	1	-	-	-	-	-	TEE, .75 MPT X 1.00 HB X 1.00 HB
23	530346	1	1	1	1	1	1	MANIFOLD HB 2 X 45 DEG
24	530400	1	1	1	1	1	1	TEE 1/4" FPT, POLY
25	530401	1	1	1	1	1	1	NIPPLE, 1/4 MPT x 1/4 MPT, POLY
26	540001	5	6	5	6	5	6	CLAMP, 2.00 STD WORM SCREW
27	540014	13	10	11	10	11	10	HOSE CLAMP, SS 1.00 #16
28	540016	2	2	2	2	2	2	CLAMP, SS 1.500 #24
29	540018	1	1	1	1	1	1	CLAMP, 2-3/4" SS
30	540029	4	4	4	4	4	4	CLAMP BODY, 1.00" TUBE, POLY GREEN
31	590048	4	4	4	4	4	4	U-BOLT, 1/4 X 1"
32	596114M	2	2	2	2	2	2	BOLT, HH 5/16-18X3/4 GR5 MAGNI

Wet Boom Plumbing – Center – Section Items, 120' / 132'





ILLUSTRATED PARTS LIST

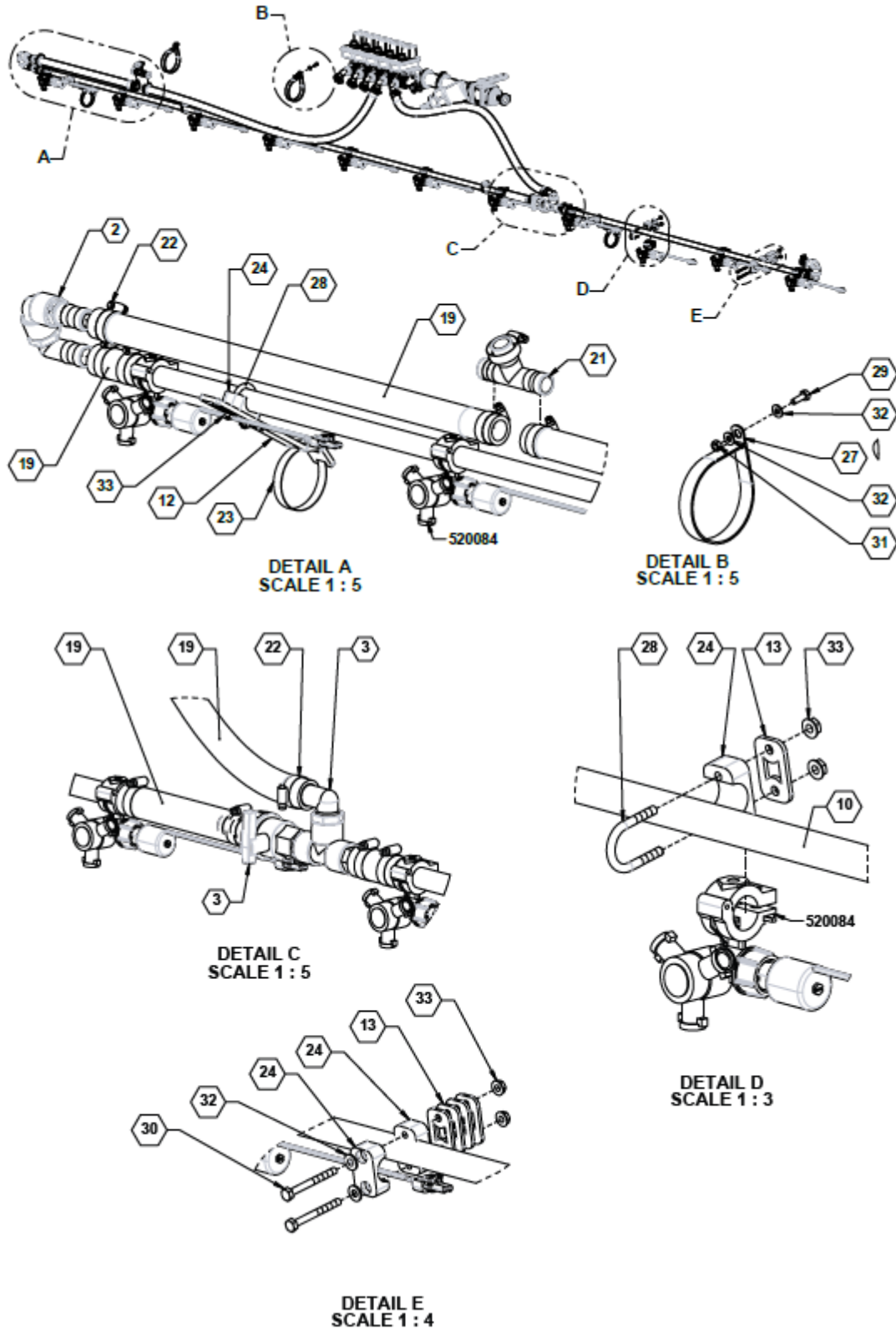
[TOC](#)

Parts List, Center: Wet Boom Plumbing – Center – Section Items, 120' / 132'

C	Recirculating / Capstan
N	Uni-Directional / Non-Flowback

#	PART	15IN- C	15IN- N	20IN- C	20IN- N	22IN- C	22IN- N	DESCRIPTION
1	90SABC	2	2	-	2	-	2	ASSY, BOOM CLEAN OUT
2	90SAU	1	2	1	2	1	2	SUB ASSY U-FITTING
3	90SAUPG	1	-	1	-	1	-	ASSY, WET BOOM U-TURN, W/ PRESSURE FITTING
4	90SAVRT2	-	-	1	-	1	-	SUB ASSY, 2 VALVE RECIRC TEE
5	14304	1	1	-	-	-	-	TUBE, 4 PORT 15" WB
6	14305	1	1	-	-	-	-	TUBE, 5 PORT 15" WB
8	14314	-	-	-	-	-	-	TUBE, 4 PORT 20" WB
11	16682	1	1	1	1	1	1	MOUNT, PLUMBING FITTING
15	530014	5	6	5	6	5	6	GASKET, 1.500 EPDM
18	530084	2	2	2	2	2	2	FLANGE, STD PORT 2" X 2"
20	530094	-	1	-	1	-	1	PLUG, MANIFOLD 2.00 W/ HOLE

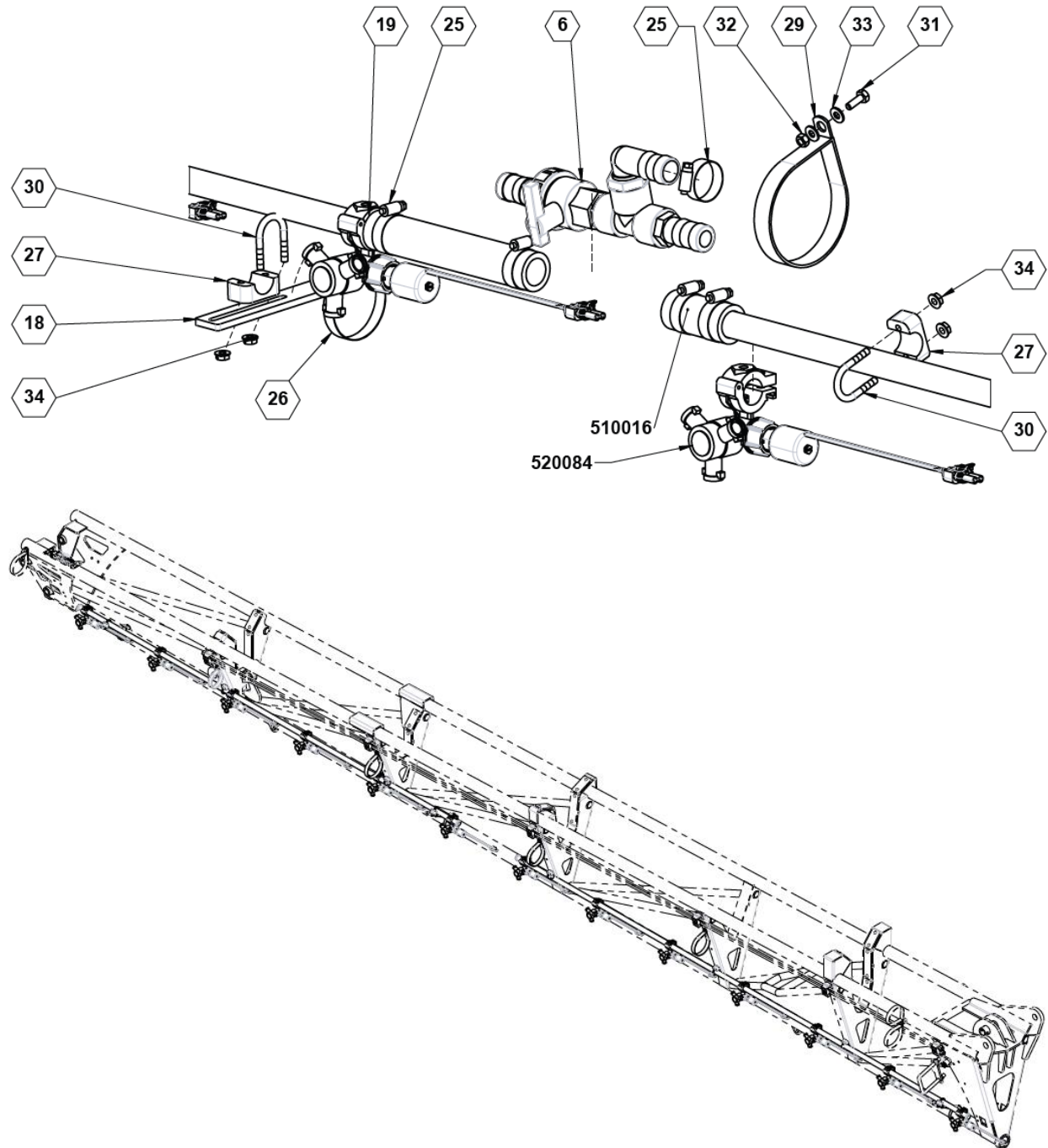
Wet Boom Plumbing – Wing 1 – Common Items, 120' / 132'



Parts List, Wing 1: Wet Boom Plumbing – Wing 1 – Common Items, 120' / 132'

#	PART	06S- 15IN -C	06S- 15IN -N	06S- 20IN -C	06S- 20IN -N	10S- 15IN -C	10S- 15IN -N	10S- 20IN -C	10S- 20IN -N	DESCRIPTION
2	90SAU	2	1	2	1	2	1	2	1	SUB ASSY U-FITTING
3	90SAV UF	-	-	-	-	1	-	1	-	SUB ASSY, VALVE, U FERT.
12	16271	2	2	2	2	2	3	2	3	BRACKET, WET BOOM
13	36203	5	5	5	5	5	5	5	5	PLATE, TUBE CLAMP SPACER 10-GA
19	510016	9.9	5.2	9.9	5.2	13.2	15.8	13.2	15.8	(FT) HOSE, 1IN EPDM
20	520084	14	14	11	11	14	14	11	11	NOZZLE BODY, TRIPLE 25mm
21	530056	1	1	1	1	1	2	1	2	FITTING, TEE, 1.00 HB, POLY
22	540014	11	10	11	10	14	17	14	17	HOSE CLAMP, SS 1.00 #16
23	540019	2	2	2	2	2	3	2	3	CLAMP, HOSE 3" SS #48
24	540029	8	8	8	8	8	9	8	9	CLAMP BODY, 1.00" TUBE, POLY GREEN
27	540053	2	2	2	2	2	2	2	2	P-CLAMP, 4" W/3/8" HOLE
28	590048	6	6	6	6	6	7	6	7	U-BOLT, 1/4 X 1"
29	596101 M	2	2	2	2	2	4	2	4	BOLT, HH 1/4-20 X 3/4 GR5 MAGNI
30	596105 M	2	2	2	2	2	2	2	2	BOLT, HH 1/4-20X2-1/2 GR5 MAGNI
31	596235 M	2	2	2	2	2	4	2	4	NUT, CENTERLOCK, 1/4-20 MAGNI
32	596256 M	6	6	6	6	6	6	6	6	WASHER, FLAT 1/4 USS MAGNI
33	596767 M	14	14	14	14	14	16	14	16	NUT, HEX FLANGE 1/4-20 MAGNI

Wet Boom Plumbing – Wing 2 – Common Items, 120' / 132'

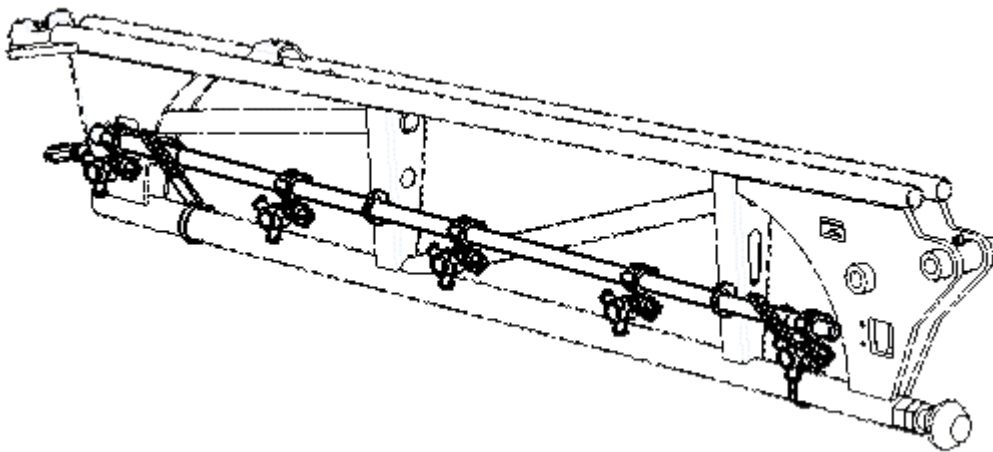
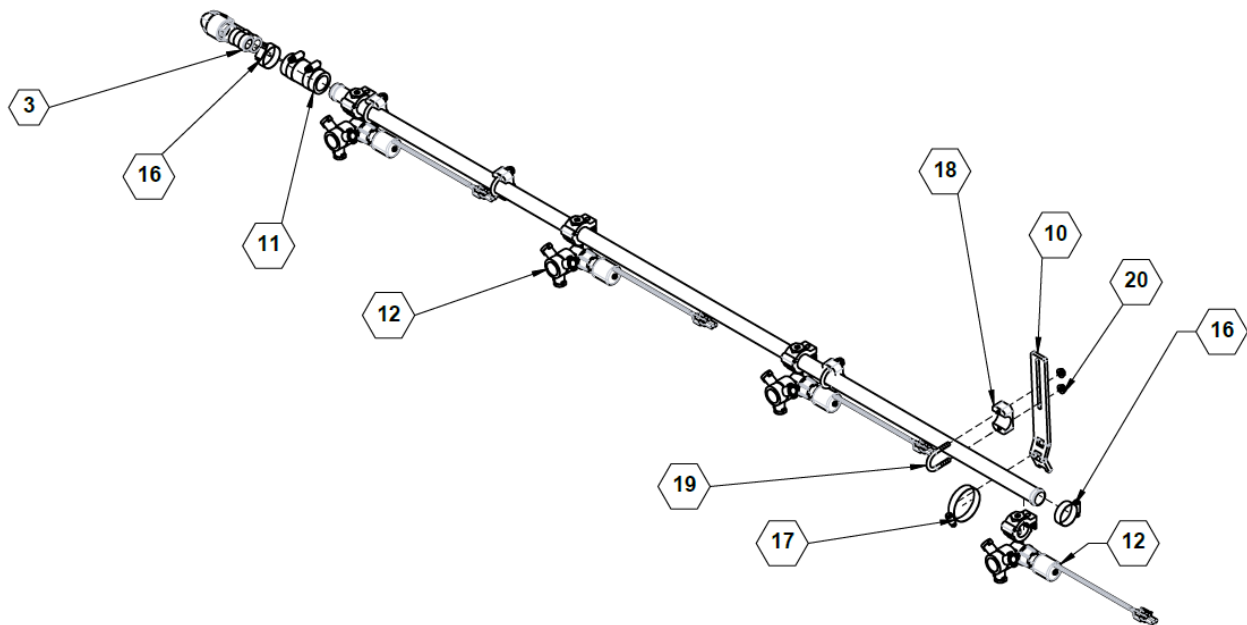


Parts List, Wing 2: Wet Boom Plumbing – Wing 2 – Common Items, 120' / 132'

C	Recirculating / Capstan
N	Uni-Directional / Non-Flowback

#	PART	06S-15IN-C	06S-15IN-N	06S-20IN-C	06S-20IN-N	10S-15IN-C	10S-15IN-N	10S-20IN-C	10S-20IN-N	DESCRIPTION
6	90SAVUE	-	-	-	-	1	-	1	-	SUB ASSY, VALVE, U FERT.
18	16271	2	2	3	3	2	3	3	4	BRACKET, WET BOOM
19	510016	1.2	1.2	1.2	1.2	1.5	2.4	1.5	2.4	(FT) HOSE, 1IN EPDM
20	520084	18	18	13	13	18	18	13	13	NOZZLE BODY, TRIPLE 25mm
21	530056	1	1	-	1	1	1	-	1	FITTING, TEE, 1.00 HB, POLY
25	540014	11	9	11	9	14	17	14	17	HOSE CLAMP, SS 1.00 #16
26	540018	2	2	3	3	2	3	3	4	CLAMP, 2-3/4" SS
27	540029	9	9	8	8	9	10	8	9	CLAMP BODY, 1.00" TUBE, POLY GREEN
29	540053	3	3	3	3	3	3	3	3	P-CLAMP, 4" W/3/8"
30	590048	9	9	8	8	9	10	8	9	U-BOLT, 1/4 X 1"
31	596101 M	4	4	4	4	4	4	4	4	BOLT, HH 1/4-20 X 3/4 GR5 MAGNI
32	596235 M	3	3	3	3	3	3	3	3	NUT, CENTERLOCK, 1/4-20 MAGNI
33	596256 M	7	7	7	7	7	7	7	7	WASHER, FLAT 1/4 USS MAGNI
34	596767 M	18	18	16	16	18	20	16	18	NUT, HEX FLANGE 1/4-20 MAGNI

Wet Boom Plumbing – Wing 3 – Common Items, 120'

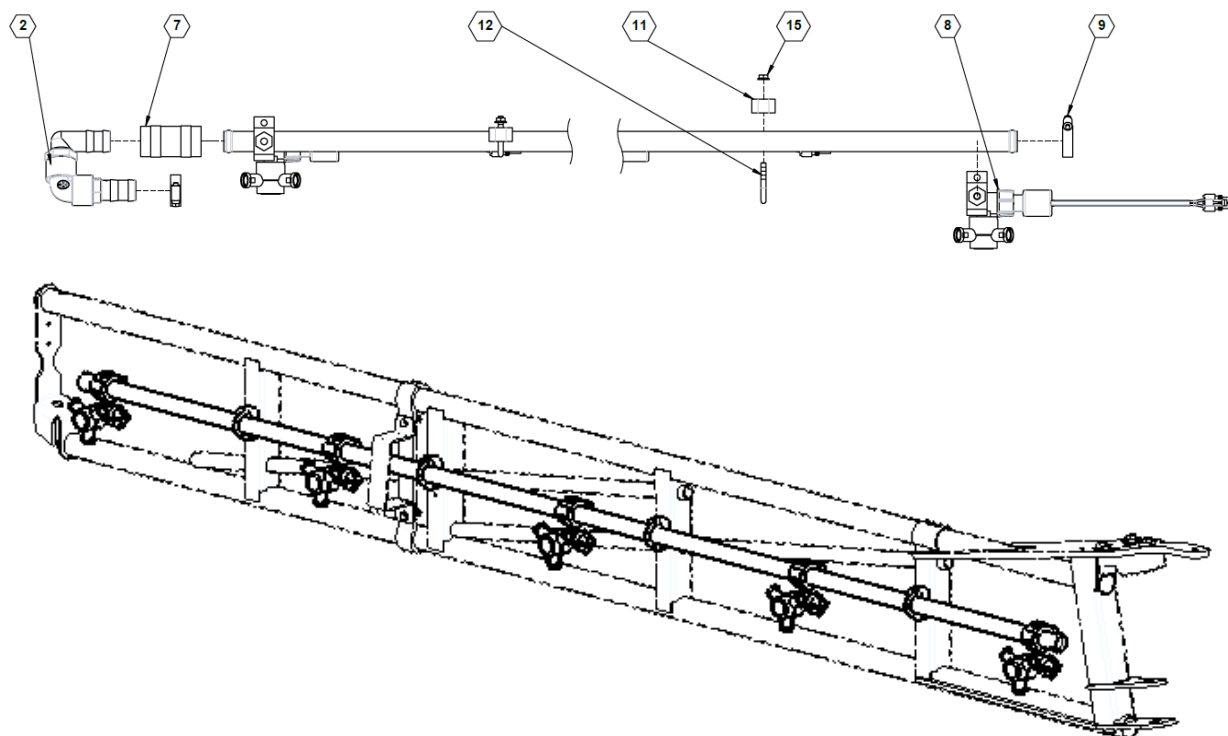


C	Recirculating / Capstan
N	Uni-Directional / Non-Flowback

Parts List, Wing 3: Wet Boom Plumbing – Wing 3 – Common Items, 120'

#	PART	06S- 15IN- C	06S- 15IN- N	06S- 20IN- C	06S- 20IN- N	10S- 15IN- C	10S- 15IN- N	10S- 20IN- C	10S- 20IN- N	DESCRIPTION
1	90SABC	-	1	-	-	-	2	-	-	ASSY, BOOM CLEAN OUT
2	90SAFTG 100T07590	-	1	-	1	-	1	-	1	SUB-ASSY, LT; FTTNGS-L,T,2HB
3	90SAU	-	-	1	-	-	-	1	-	SUB ASSY U-FITTING
4	90SAU075	-	-	-	-	-	1	-	-	SUB ASSY U-FITTING
5	90SAVUF	1	-	-	-	1	-	-	-	SUB ASSY, VALVE, U FERT.
10	16271	3	2	1	1	3	3	1	1	BRACKET, WET BOOM
11	510016	0.9	0.6	0.3	0.6	0.9	1.2	0.3	0.6	(FT) HOSE, 1IN EPDM
12	520084	5	5	4	4	5	5	4	4	NOZZLE BODY, TRIPLE 25mm
13	530245	1	-	-	1	1	-	-	1	CAP, .750 FGT, BLACK POLY
14	530275	1	-	-	1	1	-	-	1	FITTING, 3/4" STRAIGHT THREAD X 1" HB, POLY
15	540013	-	1	-	1	-	2	-	1	HOSE CLAMP, SS .75 #12
16	540014	8	5	4	5	8	9	4	5	HOSE CLAMP, SS 1.00 #16
17	540017	3	2	1	1	3	3	1	1	CLAMP, HOSE, 2.00 #32, SS
18	540029	5	4	4	4	5	5	4	4	CLAMP BODY, 1.00" TUBE, POLY GREEN
19	590048	5	4	4	4	5	5	4	4	U-BOLT, 1/4 X 1"
20	596767M	10	8	8	8	10	10	8	8	NUT, HEX FLANGE 1/4-20 MAGNI

Wet Boom Plumbing – Wing 4 – Common Items



C	Recirculating / Capstan
N	Uni-Directional / Non-Flowback



ILLUSTRATED PARTS LIST

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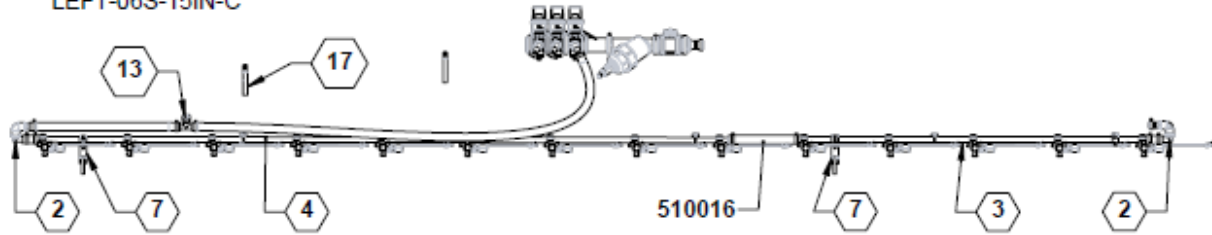
Parts List, Wing 4: Wet Boom Plumbing – Wing 4 – Common Items

C	Recirculating / Capstan
N	Uni-Directional / Non-Flowback

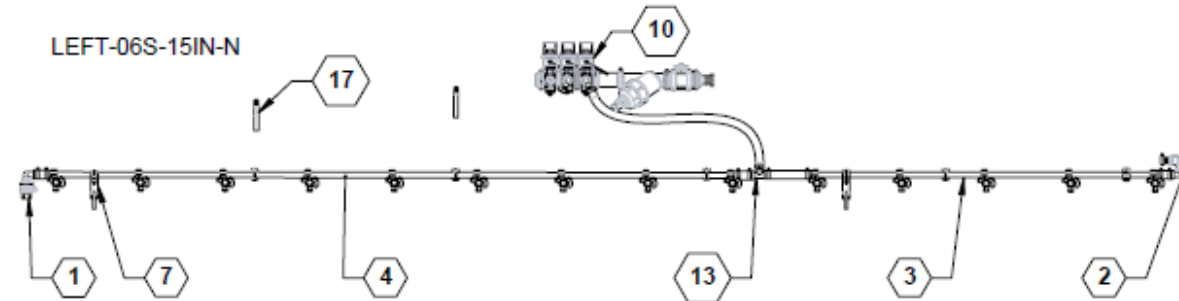
#	PART	06S-15IN-C	06S-15IN-N	06S-20IN-C	06S-20IN-N	10S-15IN-C	10S-15IN-N	10S-20IN-C	10S-20IN-N	DESCRIPTION
1	90SABC	-	1	-	1	-	1	-	1	ASSY, BOOM CLEAN OUT
2	90SAU	1	-	1	-	1	-	1	-	SUB ASSY U-FITTING
6	16271	1	1	-	-	1	1	-	-	BRACKET, WET BOOM
7	510016	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	(FT) HOSE, 1IN EPDM
8	520084	7	7	5	5	7	7	5	5	NOZZLE BODY, TRIPLE 25mm
9	540014	4	3	4	3	4	3	4	3	HOSE CLAMP, SS 1.00 #16
10	540016	1	1	-	-	1	1	-	-	CLAMP, SS 1.500 #24
11	540029	5	5	4	4	5	5	4	4	CLAMP BODY, 1.00" TUBE, POLY GREEN
12	590048	5	5	4	4	5	5	4	4	U-BOLT, 1/4 X 1"
13	596142M	2	2	-	-	2	2	-	-	BOLT, HH 7/16 X 2 GR5 MAGNI
14	596238M	2	2	-	-	2	2	-	-	NUT, CENTERLOCK 7/16-14 MAGNI
15	596767M	10	10	8	8	10	10	8	8	NUT, HEX FLANGE 1/4-20 MAGNI

Wet Boom Plumbing – Wing 1 – 06 Section, 120'

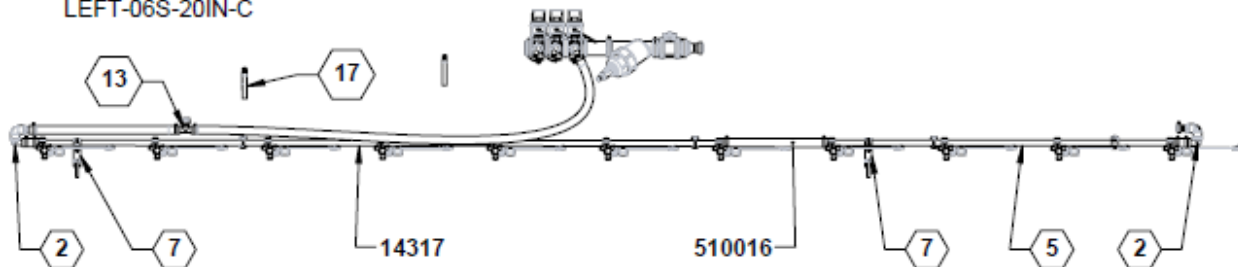
LEFT-06S-15IN-C



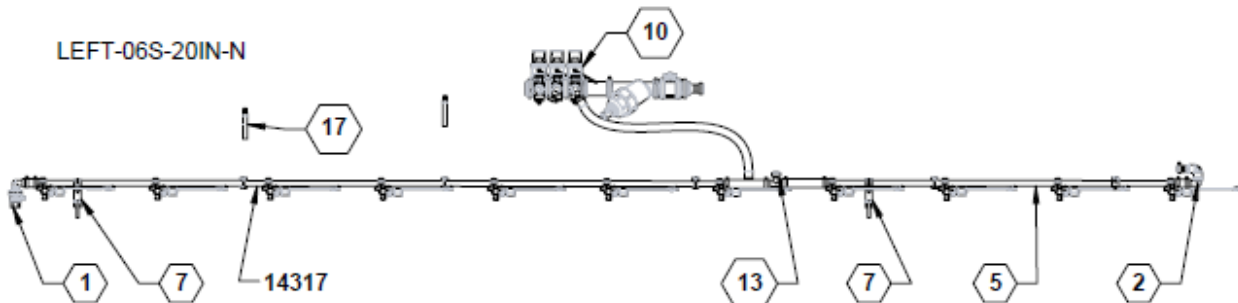
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LEFT-06S-20IN-C



LEFT-06S-20IN-N



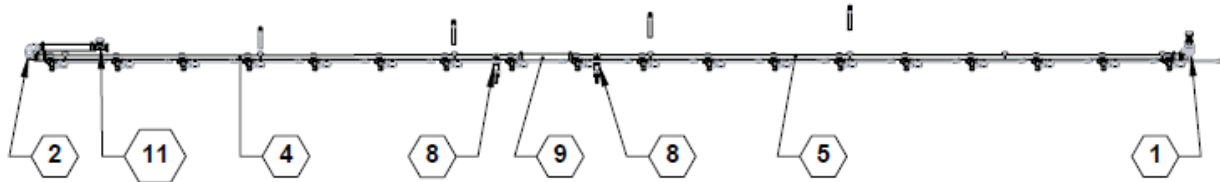
Parts List, Wing 1: Wet Boom Plumbing – Wing 1 – 06 Section, 120'

C	Recirculating / Capstan
N	Uni-Directional / Non-Flowback

NO.	PART	06S- 15IN- C	06S- 15IN- N	06S- 20IN- C	06S- 20IN- N	DESCRIPTION
1	90SABC	-	1	-	1	ASSY, BOOM CLEAN OUT
2	90SAU	2	1	2	1	SUB ASSY U-FITTING
3	14305	1	1	-	-	TUBE, 5 PORT 15" WB
4	14309	1	1	-	-	TUBE, 9 PORT 15"
5	14314	-	-	1	1	TUBE, 4 PORT 20" WB
6	14317	-	-	1	1	TUBE, 7 PORT 20"
7	16271	2	2	2	2	BRACKET, WET BOOM
8	36203	5	5	5	5	PLATE, TUBE CLAMP SPACER 10-GA
9	36327	1	-	1	-	ASSEMBLY, BOOM DISTRIBUTION, 6 SECTION, RECIRC'
10	36328	-	1	-	1	ASSEMBLY, BOOM DISTRIBUTION, 6 SECTION, UNI-DIR'
11	510016	9.9	5.2	9.9	5.2	(FT) HOSE, 1IN EPDM
12	520084	14	14	11	11	NOZZLE BODY, TRIPLE 25mm
13	530056	1	1	1	1	FITTING, TEE, 1.00 HB, POLY
14	540014	11	10	11	10	HOSE CLAMP, SS 1.00 #16
15	540019	2	2	2	2	CLAMP, HOSE 3" SS #48
16	540029	8	8	8	8	CLAMP BODY, 1.00" TUBE, POLY GREEN
17	540053	2	2	2	2	P-CLAMP, 4" W/3/8" HOLE
18	590048	6	6	6	6	U-BOLT, 1/4 X 1"
19	596101M	2	2	2	2	BOLT, HH 1/4-20 X 3/4 GR5 MAGNI
20	596105M	2	2	2	2	BOLT, HH 1/4-20X2-1/2 GR5 MAGNI
21	596235M	2	2	2	2	NUT, CENTERLOCK, 1/4-20 MAGNI
22	596256M	6	6	6	6	WASHER, FLAT 1/4 USS MAGNI
23	596767M	14	14	14	14	NUT, HEX FLANGE 1/4-20 MAGNI

Wet Boom Plumbing – Wing 2 – 06 Section, 120'

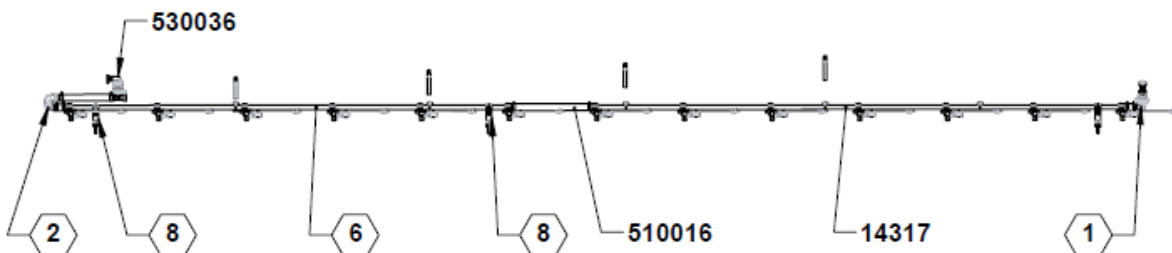
LEFT-06S-15IN-C



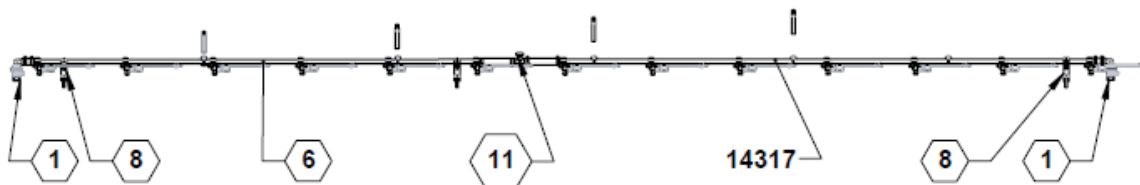
LEFT-06S-15IN-N



LEFT-06S-20IN-C



LEFT-06S-20IN-N





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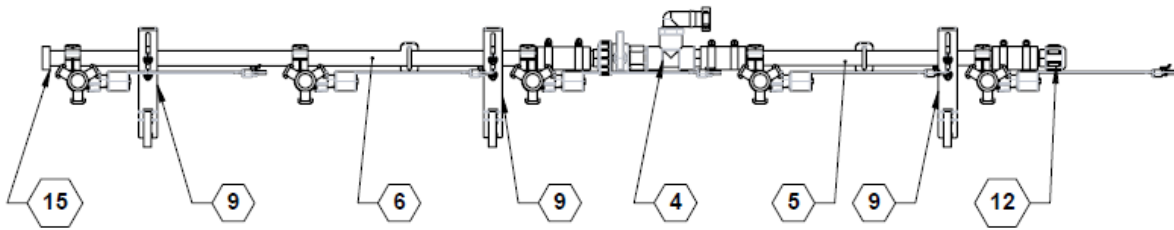
Parts List, Wing 2: Wet Boom Plumbing – Wing 2 – 06 Section, 120'

C	Recirculating / Capstan
N	Uni-Directional / Non-Flowback

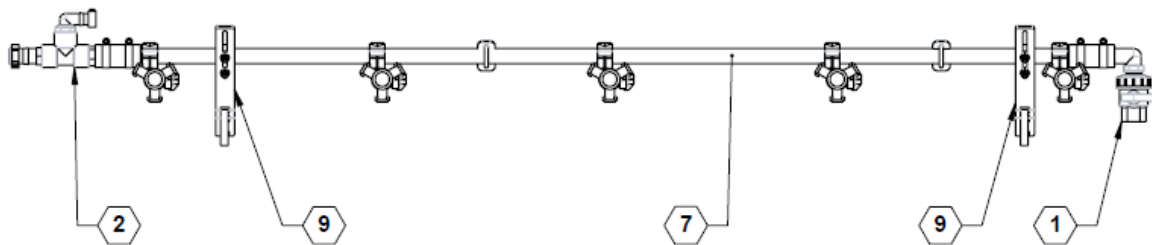
#	PART	06S- 20IN- C	06S- 20IN- N	06S- 15IN- C	06S- 15IN- N	DESCRIPTION
1	90SABC	1	2	1	2	ASSY, BOOM CLEAN OUT
2	90SAU	1	-	1	-	SUB ASSY U-FITTING
3	90SAVRJ	1	-	-	-	SUB ASSY, RECIRCULATION TEE
4	14308	-	-	1	1	TUBE, 8 PORT 15" WB
5	14310	-	-	1	1	TUBE, 10 PORT 15"
6	14316	1	1	-	-	TUBE, 6 PORT 20" WB
7	14317	1	1	-	-	TUBE, 7 PORT 20"
8	16271	3	3	2	2	BRACKET, WET BOOM
9	510016	1.2	1.2	1.2	1.2	(FT) HOSE, 1IN EPDM
10	520084	13	13	18	18	NOZZLE BODY, TRIPLE 25mm
11	530056	-	1	1	1	FITTING, TEE, 1.00 HB, POLY
12	530203	1	-	1	-	FITTING, .750 MNPT X 1.00 HB, POLY
13	540014	11	9	11	9	HOSE CLAMP, SS 1.00 #16
14	540018	3	3	2	2	CLAMP, 2-3/4" SS
15	540029	8	8	9	9	CLAMP BODY, 1.00" TUBE, POLY GREEN
16	540052	1	1	1	1	P-CLAMP, 3" WITH 3/8" HOLE
17	540053	3	3	3	3	P-CLAMP, 4" W/3/8" HOLE
18	590048	8	8	9	9	U-BOLT, 1/4 X 1"
19	596101M	4	4	4	4	BOLT, HH 1/4-20 X 3/4 GR5 MAGNI
20	596235M	3	3	3	3	NUT, CENTERLOCK, 1/4-20 MAGNI
21	596256M	7	7	7	7	WASHER, FLAT 1/4 USS MAGNI
22	596767M	16	16	18	18	NUT, HEX FLANGE 1/4-20 MAGNI

Wet Boom Plumbing – Wing 3 – 06 Section, 120'

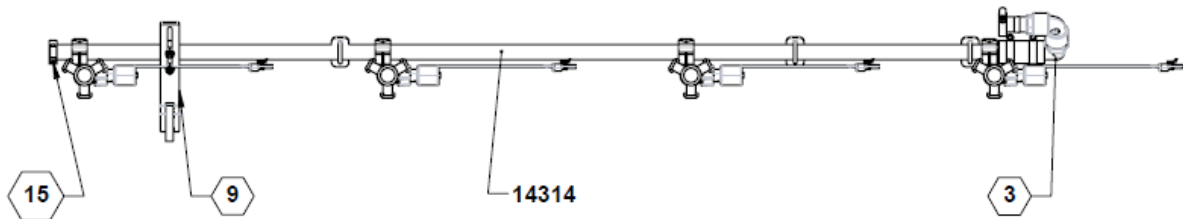
LEFT-06S-15IN-C



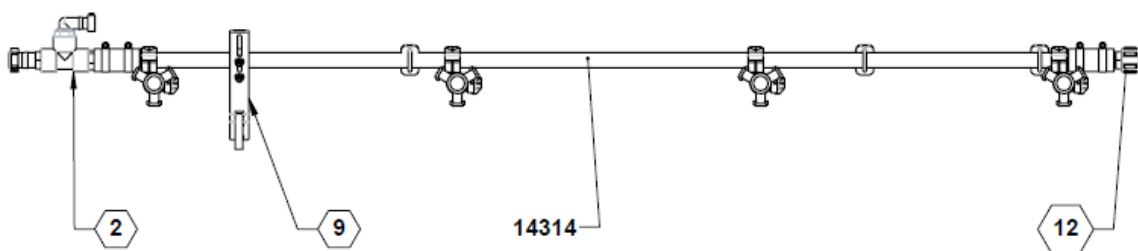
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LEFT-06S-20IN-C



LEFT-06S-20IN-N



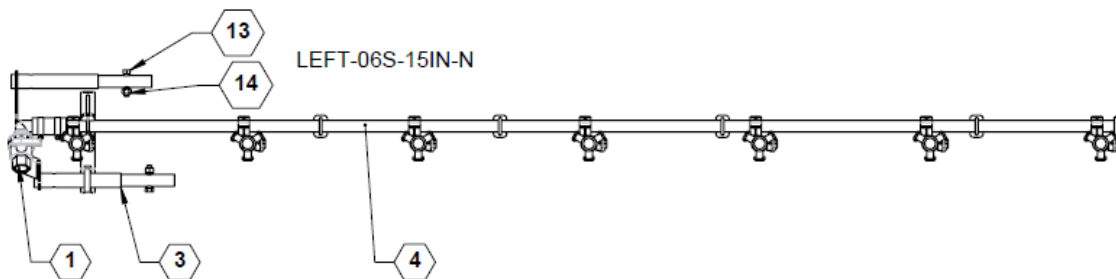
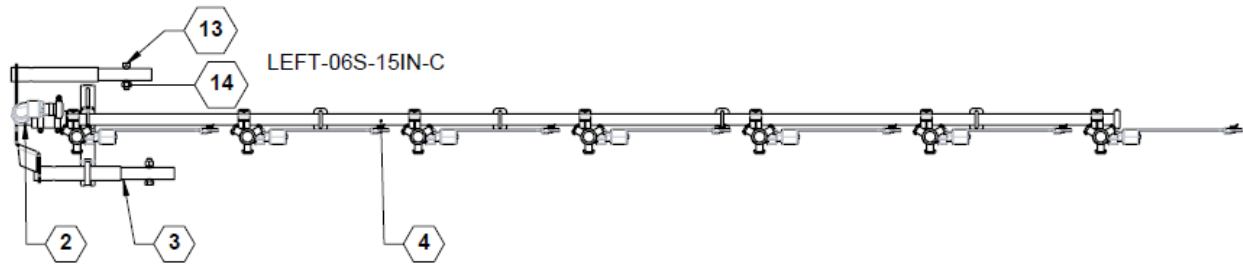
C	Recirculating / Capstan
N	Uni-Directional / Non-Flowback

Parts List, Wing 3: Wet Boom Plumbing – Wing 3 – 06 Section, 120'

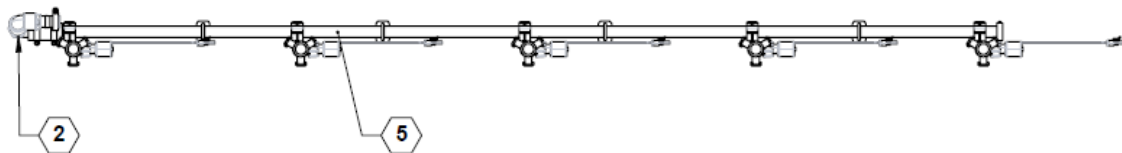
C	Recirculating / Capstan
N	Uni-Directional / Non-Flowback

#	PART	06S- 15IN- C	06S- 15IN- N	06S- 20IN- C	06S- 20IN- N	DESCRIPTION
1	90SABC	-	1	-	-	ASSY, BOOM CLEAN OUT
2	90SAFTG 100T07590	-	1	-	1	SUB-ASSY, LT; FTTNGS-L,T,2HB
3	90SAU	-	-	1	-	SUB ASSY U-FITTING
4	90SAVUE	1	-	-	-	SUB ASSY, VALVE, U FERT.
5	14302	1	-	-	-	TUBE, 2 PORT 15" WB
6	14303	1	-	-	-	TUBE, 3 PORT 15" WB
7	14305	-	1	-	-	TUBE, 5 PORT 15" WB
8	14314	-	-	1	1	TUBE, 4 PORT 20" WB
9	16271	3	2	1	1	BRACKET, WET BOOM
10	510016	0.9	0.6	0.3	0.6	(FT) HOSE, 1IN EPDM
11	520084	5	5	4	4	NOZZLE BODY, TRIPLE 25mm
12	530245	1	-	-	1	CAP, .750 FGT, BLACK POLY
13	530275	1	-	-	1	FITTING, 3/4" STRAIGHT THREAD X 1" HB, POLY
14	540013	-	1	-	1	HOSE CLAMP, SS .75 #12
15	540014	8	5	4	5	HOSE CLAMP, SS 1.00 #16
16	540017	3	2	1	1	CLAMP, HOSE, 2.00 #32, SS
17	540029	5	4	4	4	CLAMP BODY, 1.00" TUBE, POLY GREEN
18	590048	5	4	4	4	U-BOLT, 1/4 X 1"
19	596767M	10	8	8	8	NUT, HEX FLANGE 1/4-20 MAGNI

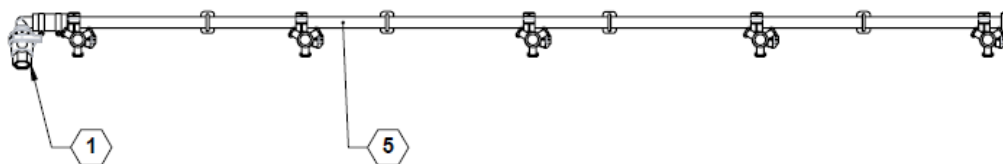
Wet Boom Plumbing – Wing 4 – 06 Section, 120'



LEFT-06S-20IN-C



LEFT-06S-20IN-N



C	Recirculating / Capstan
N	Uni-Directional / Non-Flowback

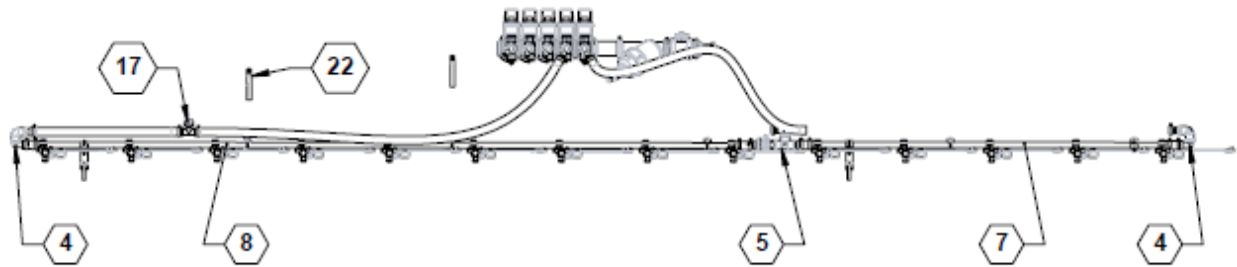
Parts List, Wing 4: Wet Boom Plumbing – Wing 4 – 06 Section, 120'

C	Recirculating / Capstan
N	Uni-Directional / Non-Flowback

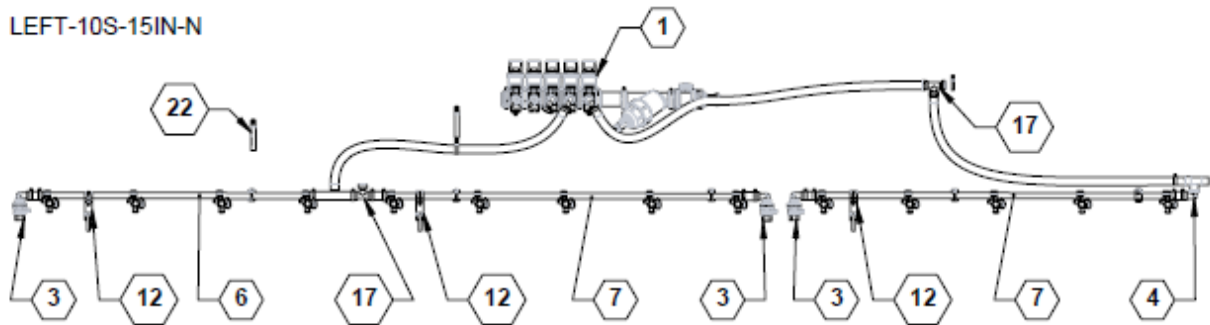
#	PART	06S- 15IN- C	06S- 15IN- N	06S- 20IN- C	06S- 20IN- N	DESCRIPTION
1	90SABC	-	1	-	1	ASSY, BOOM CLEAN OUT
2	90SAU	1	-	1	-	SUB ASSY U-FITTING
3	14295	1	1	-	-	EXTENSION, 15" FAST
4	14307	1	1	-	-	TUBE, 7 PORT 15" WB
5	14315	-	-	1	1	TUBE, 5 PORT 20" WB
6	16271	1	1	-	-	BRACKET, WET BOOM
7	510016	0.3	0.3	0.3	0.3	(FT) HOSE, 1IN EPDM
8	520084	7	7	5	5	NOZZLE BODY, TRIPLE 25mm
9	540014	4	3	4	3	HOSE CLAMP, SS 1.00 #16
10	540016	1	1	-	-	CLAMP, SS 1.500 #24
11	540029	5	5	4	4	CLAMP BODY, 1.00" TUBE, POLY GREEN
12	590048	5	5	4	4	U-BOLT, 1/4 X 1"
13	596142M	2	2	-	-	BOLT, HH 7/16 X 2 GR5 MAGNI
14	596238M	2	2	-	-	NUT, CENTERLOCK 7/16-14 MAGNI
15	596767M	10	10	8	8	NUT, HEX FLANGE 1/4-20 MAGNI

Wet Boom Plumbing – Wing 1 – 10 Section, 120'

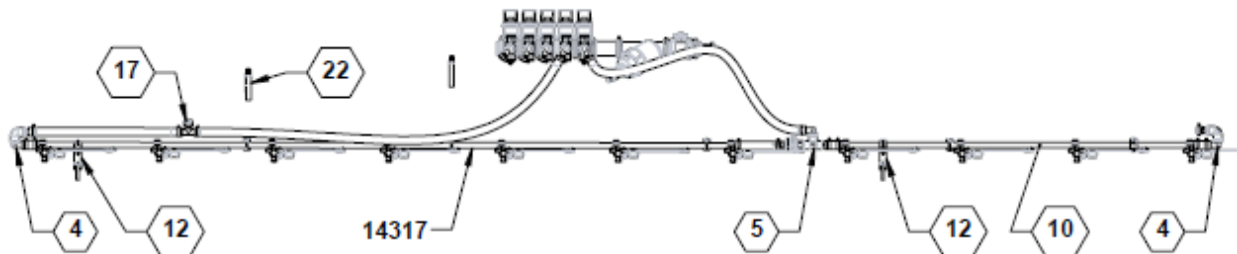
LEFT-10S-15IN-C



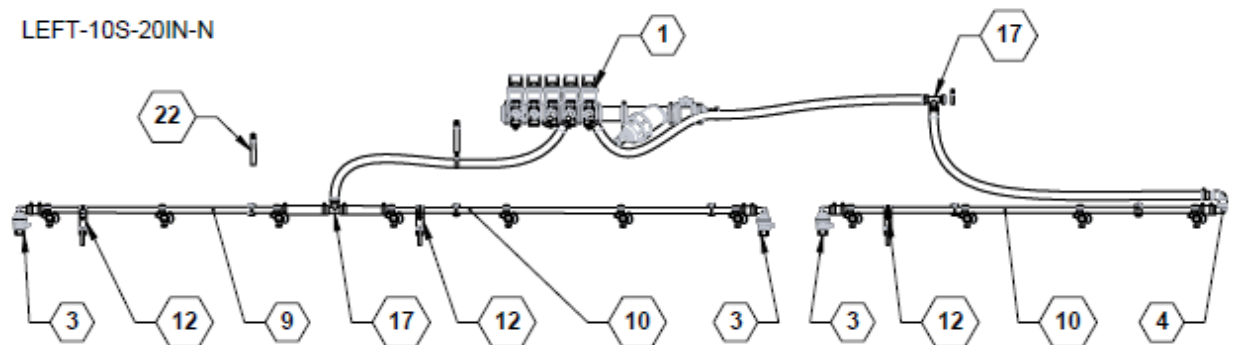
LEFT-10S-15IN-N



LEFT-10S-20IN-C



LEFT-10S-20IN-N



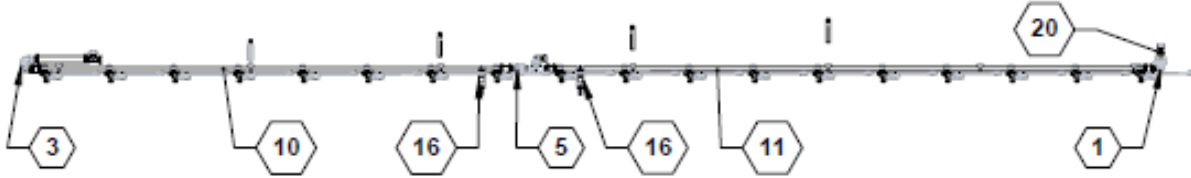
Parts List, Wing 1: Wet Boom Plumbing – Wing 1 – 10 Section, 120'

C	Recirculating / Capstan
N	Uni-Directional / Non-Flowback

NO.	PART	06S- 15IN- C	06S- 15IN- N	06S- 20IN- C	06S- 20IN- N	DESCRIPTION
3	90SABC	3	3	-	-	ASSY, BOOM CLEAN OUT
4	90SAU	1	1	2	2	SUB ASSY U-FITTING
5	90SAVUF	-	-	1	1	SUB ASSY, VALVE, U FERT.
6	14304	1	-	-	-	TUBE, 4 PORT 15" WB
7	14305	2	-	-	1	TUBE, 5 PORT 15" WB
8	14309	-	-	-	1	TUBE, 9 PORT 15"
9	14313	-	1	-	-	TUBE, 3 PORT 20" WB
10	14314	-	2	1	-	TUBE, 4 PORT 20" WB
11	14317	-	-	1	-	TUBE, 7 PORT 20"
12	16271	3	3	2	2	BRACKET, WET BOOM
13	36203	5	5	5	5	PLATE, TUBE CLAMP SPACER 10-GA
2	36205	-	-	1	1	ASSEMBLY, BOOM DISTRIBUTION, 10 SECTION, RECIRC'
1	36204	1	1	-	-	ASSEMBLY, BOOM DISTRIBUTION, 10 SECTION, UNI-DIR'
15	510016	15.8	15.8	13.2	13.2	(FT) HOSE, 1IN EPDM
16	520084	14	11	11	14	NOZZLE BODY, TRIPLE 25mm
17	530056	2	2	1	1	FITTING, TEE, 1.00 HB, POLY
18	540014	17	17	14	14	HOSE CLAMP, SS 1.00 #16
19	540019	3	3	2	2	CLAMP, HOSE 3" SS #48
20	540029	9	9	8	8	CLAMP BODY, 1.00" TUBE, POLY GREEN
21	540048	2	2	-	-	CLAMP, LOOP, 1.50, .50 WIDE, W/ .281 HOLE, VINYL COATED
22	540053	2	2	2	2	P-CLAMP, 4" W/3/8" HOLE
23	590048	7	7	6	6	U-BOLT, 1/4 X 1"
24	596101M	4	4	2	2	BOLT, HH 1/4-20 X 3/4 GR5 MAGNI
25	596105M	2	2	2	2	BOLT, HH 1/4-20X2-1/2 GR5 MAGNI
26	596235M	4	4	2	2	NUT, CENTERLOCK, 1/4-20 MAGNI
27	596256M	6	6	6	6	WASHER, FLAT 1/4 USS MAGNI
28	596767M	16	16	14	14	NUT, HEX FLANGE 1/4-20 MAGNI

Wet Boom Plumbing – Wing 2 – 10 Section, 120'

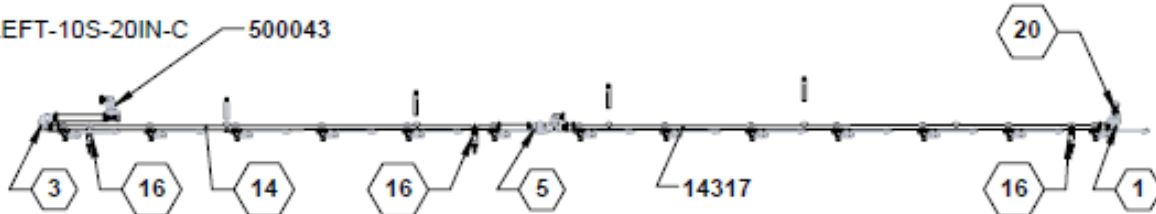
LEFT-10S-15IN-C



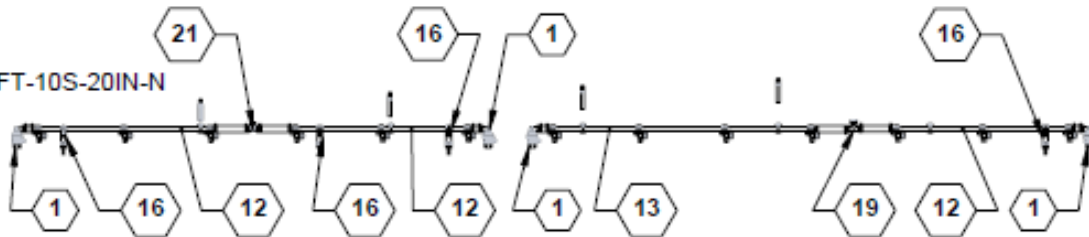
LEFT-10S-15IN-N



LEFT-10S-20IN-C 500043



LEFT-10S-20IN-N



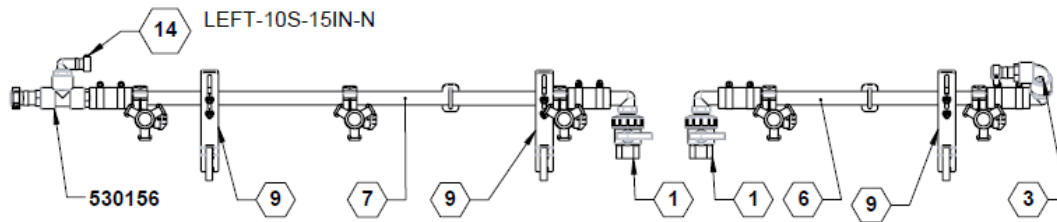
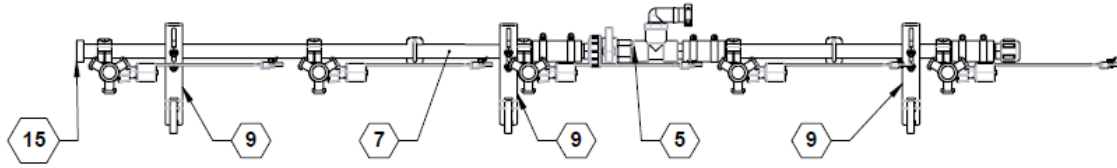
C	Recirculating / Capstan
N	Uni-Directional / Non-Flowback

Parts List, Wing 2: Wet Boom Plumbing – Wing 2 – 10 Section, 120'

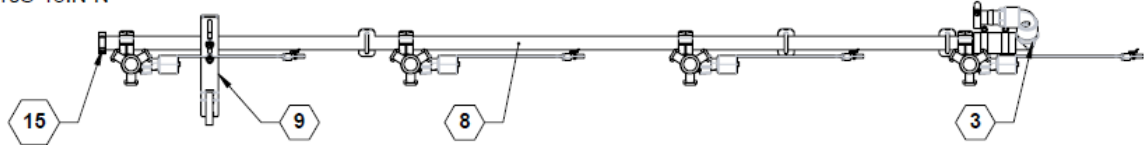
#	PART	10S- 15IN- C	10S- 15IN- N	10S- 20IN- C	10S- 20IN- N	DESCRIPTION
1	90SABC	1	4	1	4	ASSY, BOOM CLEAN OUT
2	90SAFTG 100T075T	-	1	-	-	FITTING ASSY, TEE .75 MPT X 1.00 HB W/ TEE .75 FPT X .75 HB
3	90SAU	1	-	1	-	SUB ASSY U-FITTING
4	90SAVRJ	-	-	1	-	SUB ASSY, RECIRCULATION TEE
5	90SAVUF	1	-	1	-	SUB ASSY, VALVE, U FERT.
6	14303	-	1	-	-	TUBE, 3 PORT 15" WB
7	14304	-	1	-	-	TUBE, 4 PORT 15" WB
8	14305	-	1	-	-	TUBE, 5 PORT 15" WB
9	14306	-	1	-	-	TUBE, 6 PORT 15" WB
10	14308	1	-	-	-	TUBE, 8 PORT 15" WB
11	14310	1	-	-	-	TUBE, 10 PORT 15"
12	14313	-	-	-	3	TUBE, 3 PORT 20" WB
13	14314	-	-	-	1	TUBE, 4 PORT 20" WB
14	14316	-	-	1	-	TUBE, 6 PORT 20" WB
15	14317	-	-	1	-	TUBE, 7 PORT 20"
16	16271	2	3	3	4	BRACKET, WET BOOM
17	510016	1.5	2.4	1.5	2.4	(FT) HOSE, 1IN EPDM
18	520084	18	18	13	13	NOZZLE BODY, TRIPLE 25mm
19	530056	1	1	-	1	FITTING, TEE, 1.00 HB, POLY
20	530203	1	-	1	-	FITTING, .750 MNPT X 1.00 HB, POLY
21	530241	-	-	-	1	Hose Barb Tee 1 x 1 x .75
22	540013	-	2	-	1	HOSE CLAMP, SS .75 #12
23	540014	14	17	14	17	HOSE CLAMP, SS 1.00 #16
24	540018	2	3	3	4	CLAMP, 2-3/4" SS
25	540029	9	10	8	9	CLAMP BODY, 1.00" TUBE, POLY GREEN
26	540052	1	1	1	1	P-CLAMP, 3" WITH 3/8" HOLE
27	540053	3	3	3	3	P-CLAMP, 4" W/3/8" HOLE
28	590048	9	10	8	9	U-BOLT, 1/4 X 1"
29	596101M	4	4	4	4	BOLT, HH 1/4-20 X 3/4 GR5 MAGNI
30	596235M	3	3	3	3	NUT, CENTERLOCK, 1/4-20 MAGNI
31	596256M	7	7	7	7	WASHER, FLAT 1/4 USS MAGNI
32	596767M	18	20	16	18	NUT, HEX FLANGE 1/4-20 MAGNI

Wet Boom Plumbing – Wing 3 – 10 Section, 120'

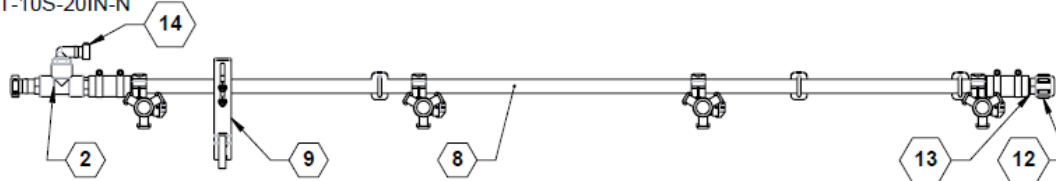
LEFT-10S-15IN-C



LEFT-10S-15IN-N



LEFT-10S-20IN-N



C	Recirculating / Capstan
N	Uni-Directional / Non-Flowback



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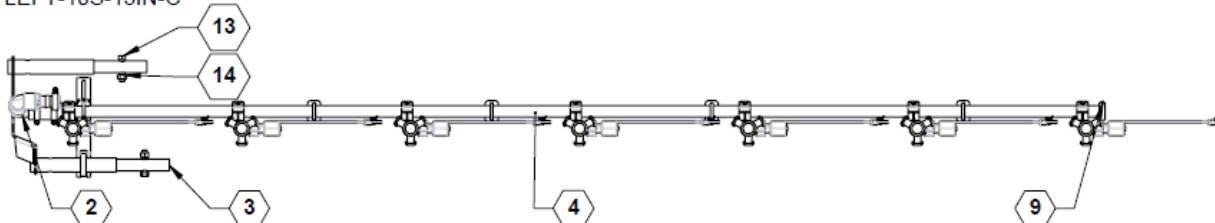
Parts List, Wing 3: Wet Boom Plumbing – Wing 3 – 10 Section, 120'

C	Recirculating / Capstan
N	Uni-Directional / Non-Flowback

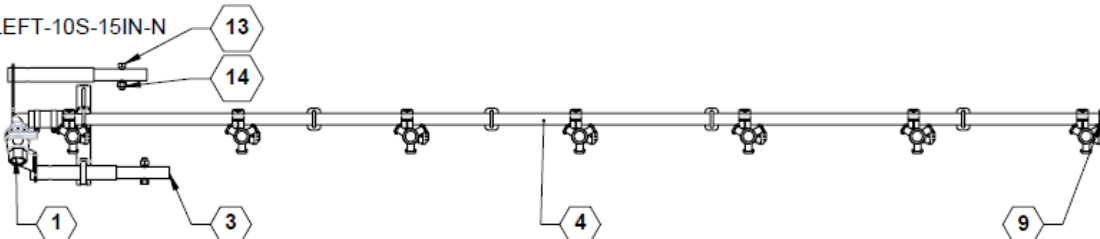
#	PART	10S- 15IN- C	10S- 15IN- N	10S- 20IN- C	10S- 20IN- N	DESCRIPTION
1	90SABC	-	2	-	-	ASSY, BOOM CLEAN OUT
2	90SAFTG 100T07590	-	1	-	1	SUB-ASSY, LT; FTTNGS-L,T,2HB
3	90SAU	-	-	1	-	SUB ASSY U-FITTING
4	90SAU075	-	1	-	-	SUB ASSY U-FITTING
5	90SAVUF	1	-	-	-	SUB ASSY, VALVE, U FERT.
6	14302	1	1	-	-	TUBE, 2 PORT 15" WB
7	14303	1	1	-	-	TUBE, 3 PORT 15" WB
8	14314	-	-	1	1	TUBE, 4 PORT 20" WB
9	16271	3	3	1	1	BRACKET, WET BOOM
10	510016	0.9	1.2	0.3	0.6	(FT) HOSE, 1IN EPDM
11	520084	5	5	4	4	NOZZLE BODY, TRIPLE 25mm
12	530245	1	-	-	1	CAP, .750 FGT, BLACK POLY
13	530275	1	-	-	1	FITTING, 3/4" STRAIGHT THREAD X 1" HB, POLY
14	540013	-	2	-	1	HOSE CLAMP, SS .75 #12
15	540014	8	9	4	5	HOSE CLAMP, SS 1.00 #16
16	540017	3	3	1	1	CLAMP, HOSE, 2.00 #32, SS
17	540029	5	5	4	4	CLAMP BODY, 1.00" TUBE, POLY GREEN
18	590048	5	5	4	4	U-BOLT, 1/4 X 1"
19	596767M	10	10	8	8	NUT, HEX FLANGE 1/4-20 MAGNI

Wet Boom Plumbing – Wing 4 – 10 Section, 120'

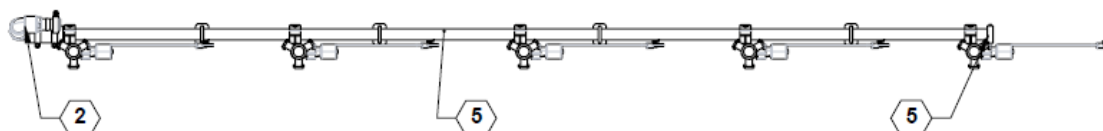
LEFT-10S-15IN-C



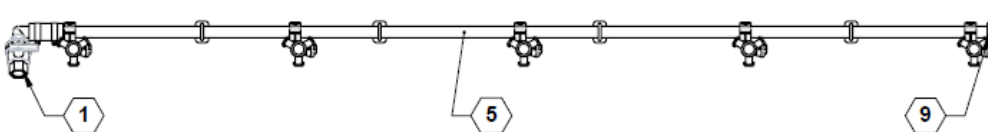
LEFT-10S-15IN-N



LEFT-10S-20IN-C



LEFT-10S-20IN-N



C	Recirculating / Capstan
N	Uni-Directional / Non-Flowback

Parts List, Wing 4: Wet Boom Plumbing – Wing 4 – 10 Section, 120'

C	Recirculating / Capstan
N	Uni-Directional / Non-Flowback

#	PART	10S- 15IN- C	10S- 15IN- N	10S- 20IN- C	10S- 20IN- N	DESCRIPTION
1	90SABC	-	1	-	1	ASSY, BOOM CLEAN OUT
2	90SAU	1	-	1	-	SUB ASSY U-FITTING
3	14295	1	1	-	-	EXTENSION, 15" FAST
4	14307	1	1	-	-	TUBE, 7 PORT 15" WB
5	14315	-	-	1	1	TUBE, 5 PORT 20" WB
6	16271	1	1	-	-	BRACKET, WET BOOM
7	510016	0.3	0.3	0.3	0.3	(FT) HOSE, 1IN EPDM
8	520084	7	7	5	5	NOZZLE BODY, TRIPLE 25mm
9	540014	4	3	4	3	HOSE CLAMP, SS 1.00 #16
10	540016	1	1	-	-	CLAMP, SS 1.500 #24
11	540029	5	5	4	4	CLAMP BODY, 1.00" TUBE, POLY GREEN
12	590048	5	5	4	4	U-BOLT, 1/4 X 1"
13	596142M	2	2	-	-	BOLT, HH 7/16 X 2 GR5 MAGNI
14	596238M	2	2	-	-	NUT, CENTERLOCK 7/16-14 MAGNI
15	596767M	10	10	8	8	NUT, HEX FLANGE 1/4-20 MAGNI

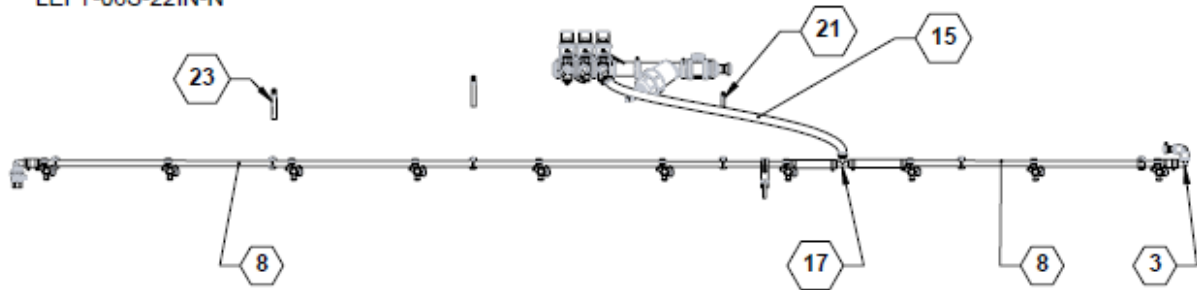
Wet Boom Plumbing – Wing 1 – 132'

See also: [Wet Boom Plumbing – Center – Common Items, 120' / 132'](#)

LEFT-06S-22IN-C



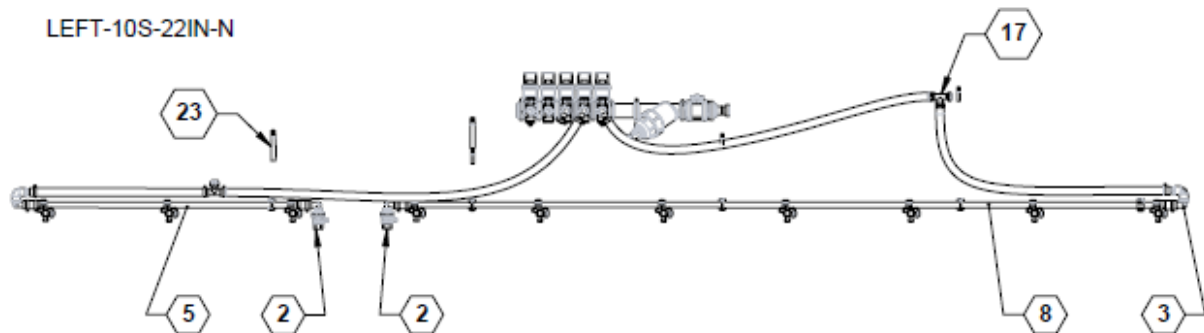
LEFT-06S-22IN-N



LEFT-10S-22IN-C



LEFT-10S-22IN-N



Parts List, Wing 1: Wet Boom Plumbing – Wing 1 – 132'

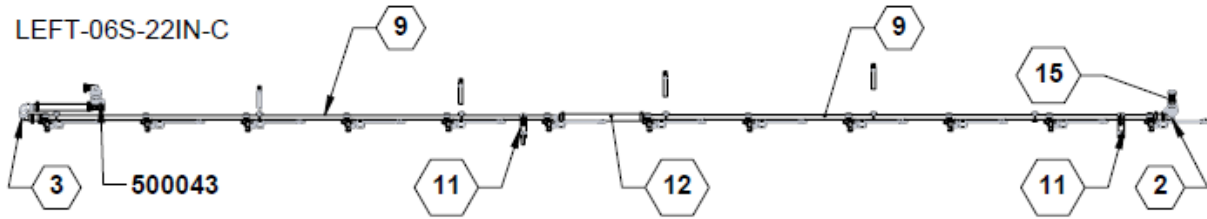
C	Recirculating / Capstan
N	Uni-Directional / Non-Flowback

NO.	PART	06S- 22IN- C	06S- 22IN- N	10S- 22IN- C	10S- 22IN- N	DESCRIPTION
2	90SABC	-	1	-	2	ASSY, BOOM CLEAN OUT
3	90SAU	2	1	2	2	SUB ASSY U-FITTING
4	90SAVUF	-	-	1	-	SUB ASSY, VALVE, U FERT.
5	14323	1	1	1	1	WET TUBE, 3 PORT 22"
8	14327	1	1	1	1	WET TUBE, 7 PORT 22"
9	16271	-	1	-	-	BRACKET, WET BOOM
10	36203	5	5	5	5	PLATE, TUBE CLAMP SPACER 10-GA
11	36204	-	-	-	1	ASSEMBLY, BOOM DISTRIBUTION, 10 SECTION, UNI-DIR
1	36205	-	-	1	-	ASSEMBLY, BOOM DISTRIBUTION, 10 SECTION, RECIRC
12	36328	-	1	-	-	ASSEMBLY, BOOM DISTRIBUTION, 6 SECTION, UNI-DIR
14	36327	1	-	-	-	ASSEMBLY, BOOM DISTRIBUTION, 6 SECTION, RECIRC
15	510016	12.7	7.6	8.6	23.6	(FT) HOSE, 1IN EPDM
16	520084	10	10	10	10	NOZZLE BODY, TRIPLE 25mm
17	530056	1	1	-	2	FITTING, TEE, 1.00 HB, POLY
18	540014	11	10	11	16	HOSE CLAMP, SS 1.00 #16
19	540019	-	1	-	-	CLAMP, HOSE 3" SS #48
20	540029	7	8	7	6	CLAMP BODY, 1.00" TUBE, POLY GREEN
21	540048	-	1	-	3	CLAMP, LOOP, 1.50, .50 WIDE, W/ .281 HOLE, VINYL COATED
23	540053	2	2	2	2	P-CLAMP, 4" W/3/8" HOLE
24	590048	5	6	5	4	U-BOLT, 1/4 X 1"
25	596101M	2	3	2	5	BOLT, HH 1/4-20 X 3/4 GR5 MAGNI
26	596105M	2	2	2	2	BOLT, HH 1/4-20X2-1/2 GR5 MAGNI
27	596235M	2	3	2	5	NUT, CENTERLOCK, 1/4-20 MAGNI
28	596256M	6	6	6	6	WASHER, FLAT 1/4 USS MAGNI
29	596767M	12	14	12	10	NUT, HEX FLANGE 1/4-20 MAGNI

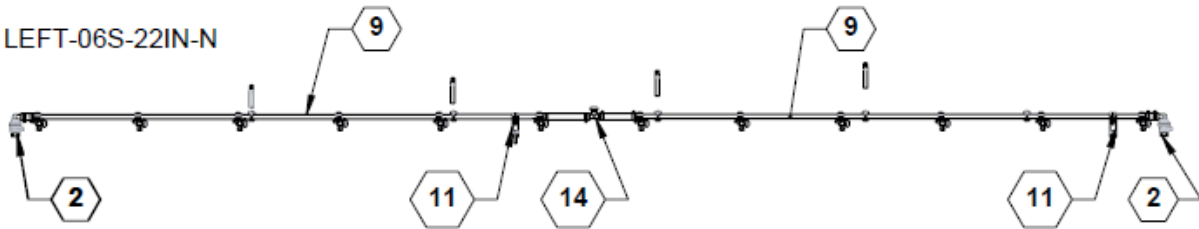
Wet Boom Plumbing – Wing 2 –132'

See also: [Wet Boom Plumbing – Wing 1 – Common Items, 120' / 132'](#)

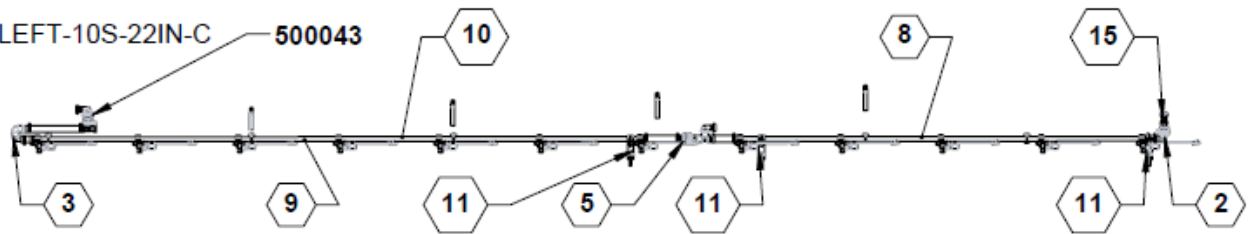
LEFT-06S-22IN-C



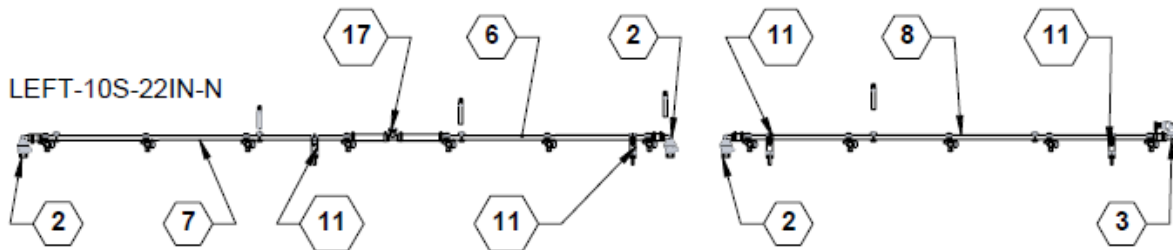
LEFT-06S-22IN-N



LEFT-10S-22IN-C



LEFT-10S-22IN-N



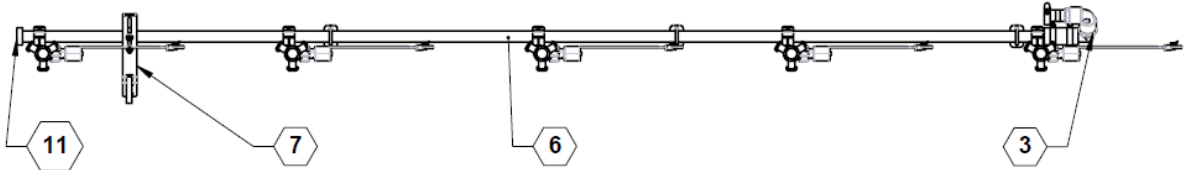
Parts List, Wing 2: Wet Boom Plumbing – Wing 2 –132'

C	Recirculating / Capstan
N	Uni-Directional / Non-Flowback

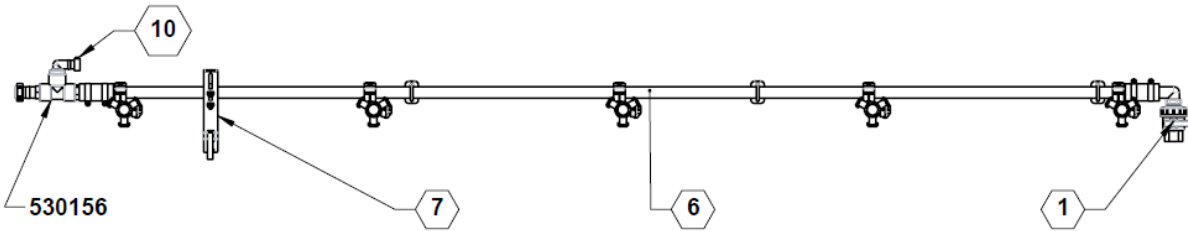
#	PART	06S- 22IN-C	06S- 22IN-N	10S- 22IN-C	10S- 22IN-N	DESCRIPTION
2	90SABC	1	2	1	3	ASSY, BOOM CLEAN OUT
3	90SAU	1	-	1	1	SUB ASSY U-FITTING
4	90SAVRJ	1	-	1	-	SUB ASSY, RECIRCULATION TEE
5	90SAVUF	-	-	1	-	SUB ASSY, VALVE, U FERT.
8	14325	-	-	1	1	WET TUBE, 5 PORT 22"
9	14326	2	2	-	-	WET TUBE, 6 PORT 22"
10	14327	-	-	1	-	WET TUBE, 7 PORT 22"
11	16271	2	2	3	4	BRACKET, WET BOOM
12	510016	3.6	3.6	4.5	5.4	(FT) HOSE, 1IN EPDM
13	520084	12	12	12	12	NOZZLE BODY, TRIPLE 25mm
14	530056	-	1	-	1	FITTING, TEE, 1.00 HB, POLY
15	530203	1	-	1	-	FITTING, .750 MNPT X 1.00 HB, POLY
16	540029	8	8	8	9	CLAMP BODY, 1.00" TUBE, POLY GREEN
17	540014	11	9	14	14	HOSE CLAMP, SS 1.00 #16
18	540018	2	2	3	4	CLAMP, 2-3/4" SS
19	540052	1	1	1	1	P-CLAMP, 3" WITH 3/8" HOLE
20	540053	3	3	3	3	P-CLAMP, 4" W/3/8" HOLE
21	590048	8	8	8	9	U-BOLT, 1/4 X 1"
22	596101M	4	4	4	4	BOLT, HH 1/4-20 X 3/4 GR5 MAGNI
23	596235M	3	3	3	3	NUT, CENTERLOCK, 1/4-20 MAGNI
24	596256M	7	7	7	7	WASHER, FLAT 1/4 USS MAGNI
25	596767M	16	16	16	18	NUT, HEX FLANGE 1/4-20 MAGNI

Wet Boom Plumbing – Wing 3 – 132'

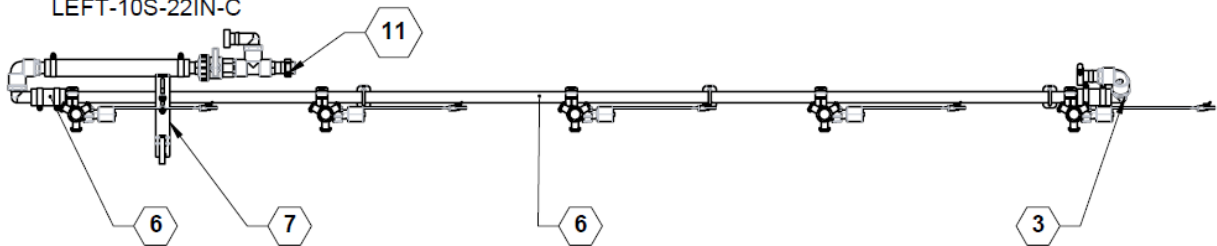
LEFT-06S-22IN-C



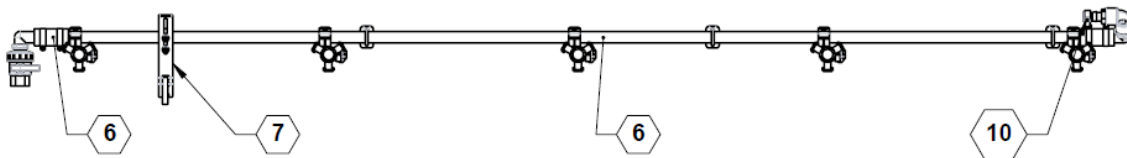
LEFT-06S-22IN-N



LEFT-10S-22IN-C

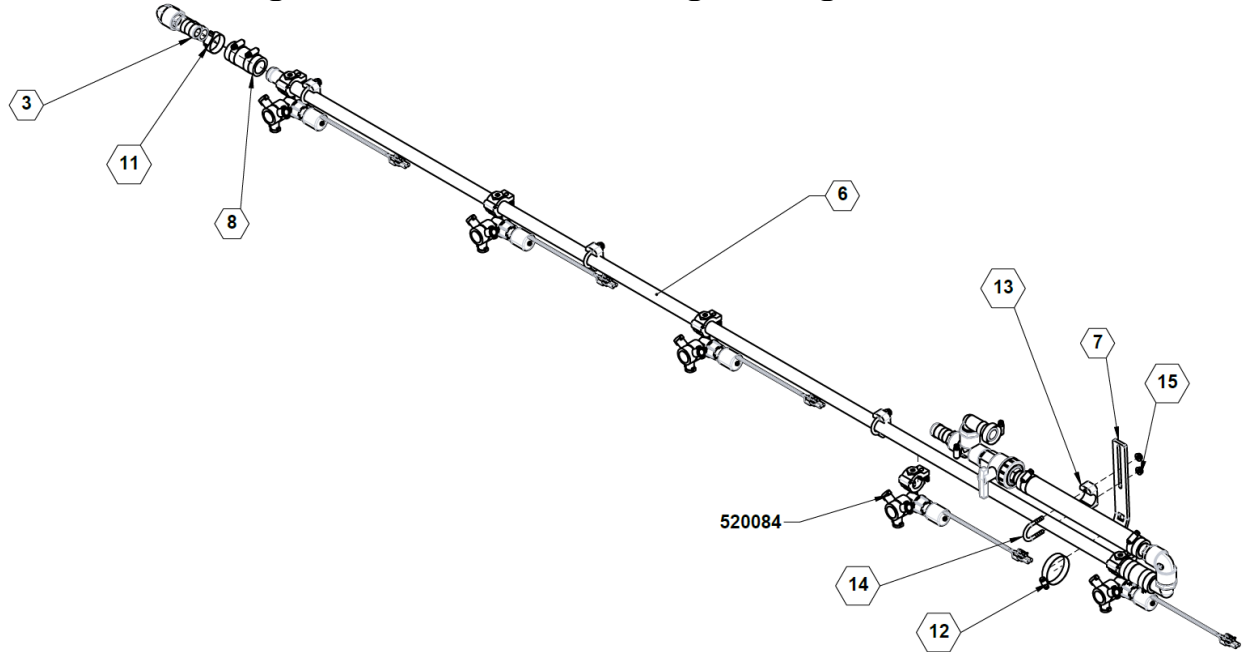


LEFT-10S-22IN-N



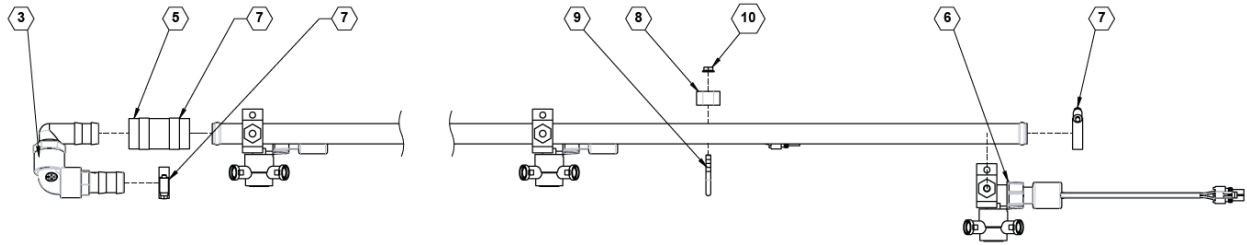
C	Recirculating / Capstan
N	Uni-Directional / Non-Flowback

Parts List, Wing 3: Wet Boom Plumbing – Wing 3 – 132'

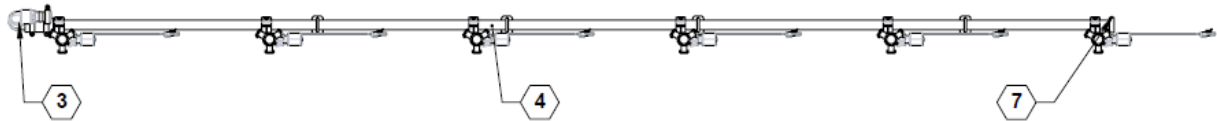


#	PART	06S- 22IN- C	06S- 22IN- N	10S- 22IN- C	10S- 22IN- N	DESCRIPTION
1	90SABC	-	1	-	1	ASSY, BOOM CLEAN OUT
2	90SAFTG100T07590	-	1	-	-	SUB-ASSY, LT; FTTNGS-L,T,2HB
3	90SAU	1	-	2	-	SUB ASSY U-FITTING
4	90SAU075	-	-	-	1	SUB ASSY U-FITTING
5	90SAVUF	-	-	1	-	SUB ASSY, VALVE, U FERT.
6	14325	1	1	1	1	WET TUBE, 5 PORT 22"
7	16271	1	1	1	1	BRACKET, WET BOOM
8	510016	0.9	1.8	2.7	1.8	(FT) HOSE, 1IN EPDM
9	520084	5	5	5	5	NOZZLE BODY, TRIPLE 25mm
10	540013	-	1	-	1	HOSE CLAMP, SS .75 #12
11	540014	4	5	9	4	HOSE CLAMP, SS 1.00 #16
12	540017	1	1	1	1	CLAMP, HOSE, 2.00 #32, SS
13	540029	4	4	4	4	CLAMP BODY, 1.00" TUBE, POLY GREEN
14	590048	4	4	4	4	U-BOLT, 1/4 X 1"
15	596767M	8	8	8	8	NUT, HEX FLANGE 1/4-20 MAGNI

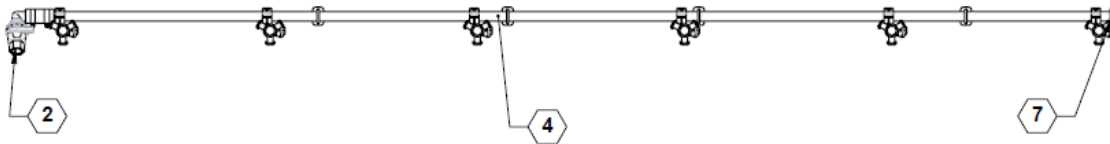
Wet Boom Plumbing – Wing 4 – 132'



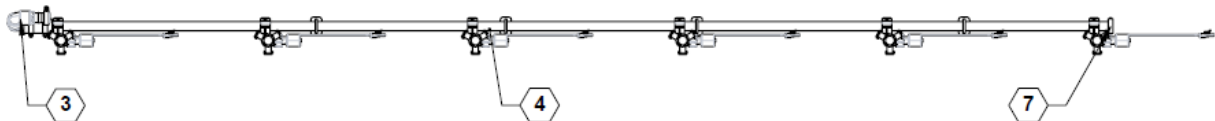
LEFT-06S-22IN-C



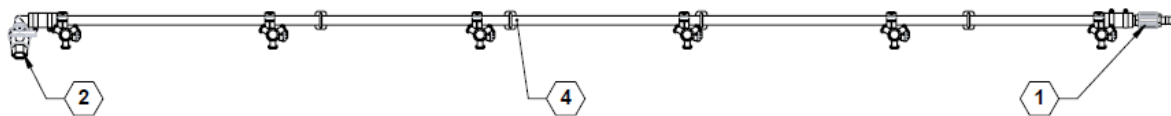
LEFT-06S-22IN-N



LEFT-10S-22IN-C



LEFT-10S-22IN-N



C	Recirculating / Capstan
N	Uni-Directional / Non-Flowback



ILLUSTRATED PARTS LIST

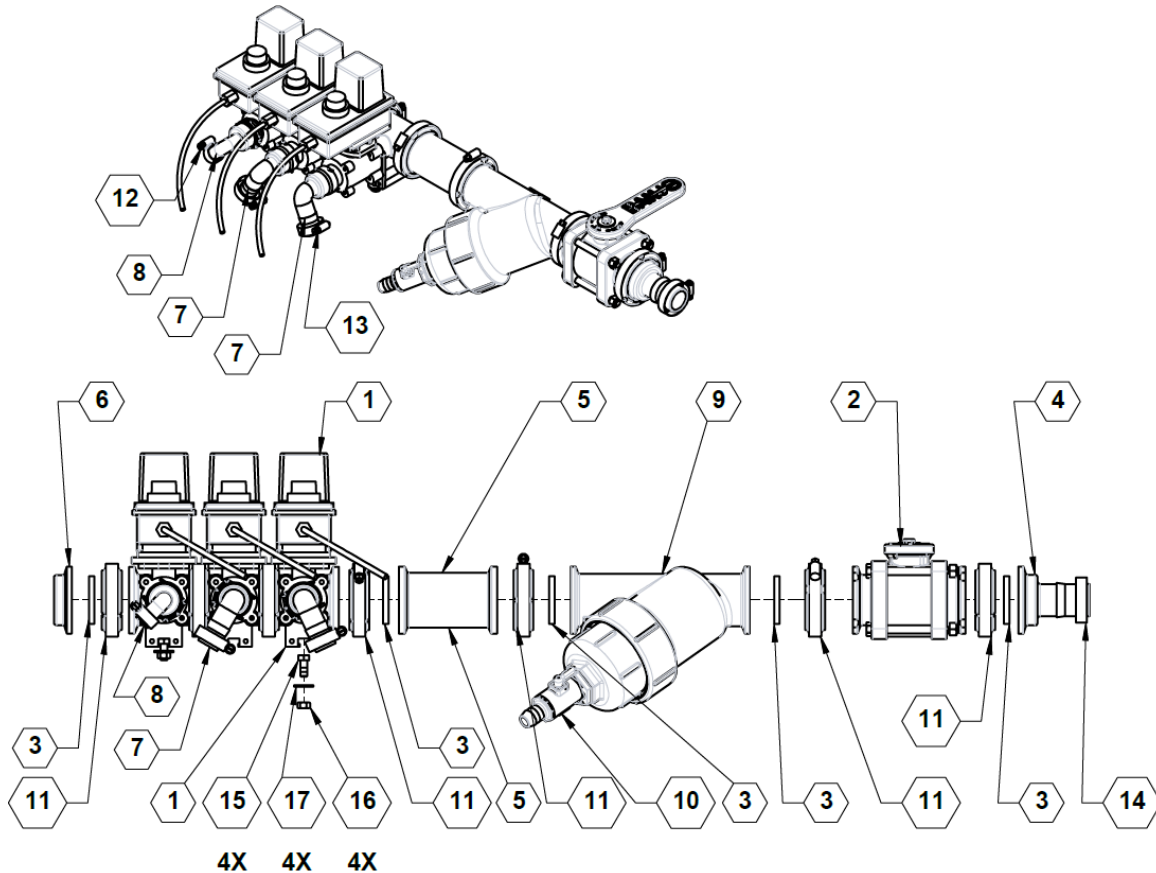
[TOC](#)

Parts List, Wing 4: Wet Boom Plumbing – Wing 4 – 132'

C	Recirculating / Capstan
N	Uni-Directional / Non-Flowback

#	PART	06S- 22IN- C	06S- 22IN- N	10S- 22IN- C	10S- 22IN- N	DESCRIPTION
1	90SA075100HBST	-	-	-	1	SUBASSEMBLY, 3/4" TO 1" HOSE BARB STRAIGHT
2	90SABC	-	1	-	1	ASSY, BOOM CLEAN OUT
3	90SAU	1	-	1	-	SUB ASSY U-FITTING
4	14326	1	1	1	1	WET TUBE, 6 PORT 22"
5	510016	0.9	0.9	0.9	1.8	(FT) HOSE, 1IN EPDM
6	520084	6	6	6	6	NOZZLE BODY, TRIPLE 25mm
7	540014	4	3	4	4	HOSE CLAMP, SS 1.00 #16
8	540029	4	4	4	4	CLAMP BODY, 1.00" TUBE, POLY GREEN
9	590048	4	4	4	4	U-BOLT, 1/4 X 1"
10	596767M	8	8	8	8	NUT, HEX FLANGE 1/4-20 MAGNI

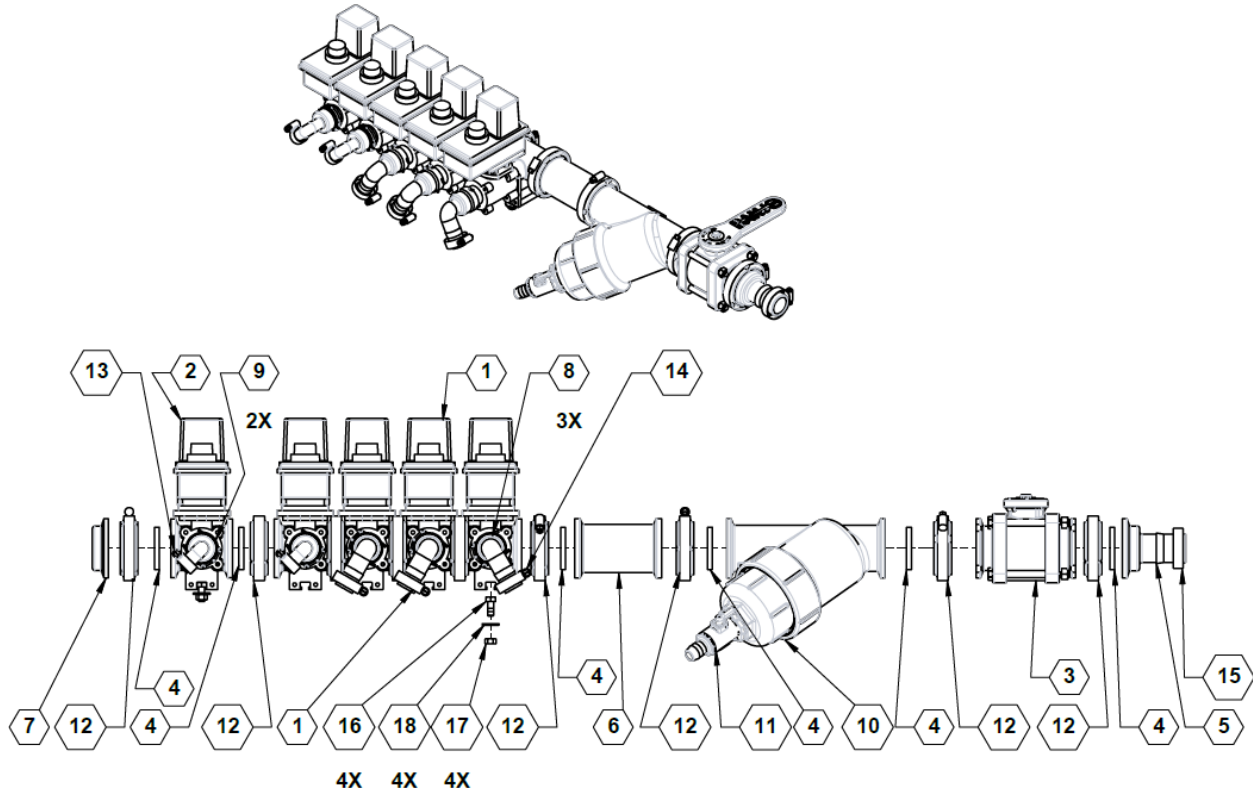
Boom Section Distribution – 06 Section



Parts List 36327 / 36328: Boom Section Distribution – 06 Section

ITEM	PART NO.	QTY.	DESCRIPTION
1	500027	0.75	VALVE, 450 4-BANK, NON-FLOWBACK, NARROW TEE
2	500039	1	VALVE, MANIFOLD, 2.00 STD. PORT, 4 BOLT, POLY
3	530014	5	GASKET, 1.500 EPDM
4	530079	1	MANIFOLD FLANGE, 2" X 1-1/2" HB
5	530084	1	FLANGE, STD PORT 2" X 2"
6	530093	1	PLUG, MANIFOLD, 2.00
7	530190	2	QUICK CONNECT, 1.00 HB ELBOW 90
8	530358	1	(UNI-DIR) QUICK CONNECT, 3/4" HB, 90°
	530190		(RECIRC) QUICK CONNECT, 1.00 HB ELBOW 90
9	530473	1	Y STRAINER, 2" MANIFOLD, 80 MESH
10	530517	1	MICRO VALVE, 3/4" HB X 1" MPT
11	540001	5	CLAMP, 2.00 STD WORM SCREW
12	540013	1	HOSE CLAMP, SS .75 #12
13	540014	2	HOSE CLAMP, SS 1.00 #16
14	540016	1	CLAMP, SS 1.500 #24
15	596114M	4	BOLT, HH 5/16-18X3/4 GR5 MAGNI
16	596236M	4	NUT, CENTERLOCK, 5/16-18 MAGNI
17	596257M	4	WASHER, FLAT 5/16 USS MAGNI

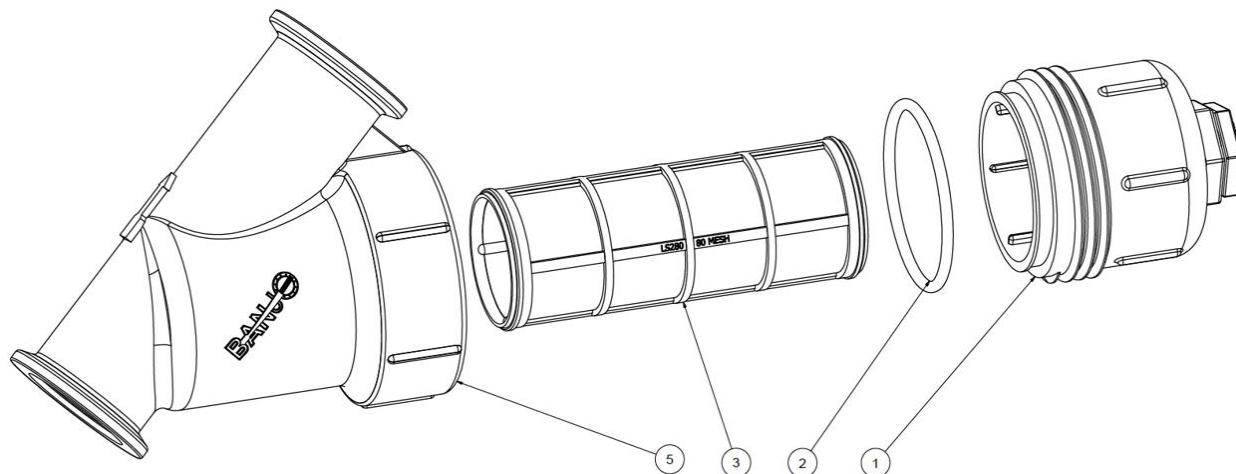
Boom Section Distribution – 10 Section



Parts List 36204 / 36205: Boom Section Distribution – 10 Section

ITEM	PART NO.	QTY.	DESCRIPTION
1	500027	1	VALVE, 450 4-BANK, NON-FLOWBACK, NARROW TEE
2	500027	0.25	VALVE, 450 4-BANK, NON-FLOWBACK, NARROW TEE
3	500039	1	VALVE, MANIFOLD, 2.00 STD. PORT, 4 BOLT, POLY
4	530014	6	GASKET, 1.500 EPDM
5	530079	1	MANIFOLD FLANGE, 2" X 1-1/2" HB
6	530084	1	FLANGE, STD PORT 2" X 2"
7	530093	1	PLUG, MANIFOLD, 2.00
8	530190	3	QUICK CONNECT, 1.00 HB ELBOW 90
9	530358	2	(UNI-DIR) QUICK CONNECT, 3/4" HB, 90°
	530190		(RECIRC) QUICK CONNECT, 1.00 HB ELBOW 90
10	530473	1	Y STRAINER, 2" MANIFOLD, 80 MESH
11	530517	1	MICRO VALVE, 3/4" HB X 1" MPT
12	540001	6	CLAMP, 2.00 STD WORM SCREW
13	540013	2	HOSE CLAMP, SS .75 #12
14	540014	3	HOSE CLAMP, SS 1.00 #16
15	540016	1	CLAMP, SS 1.500 #24
16	596114M	4	BOLT, HH 5/16-18X3/4 GR5 MAGNI
17	596236M	4	NUT, CENTERLOCK, 5/16-18 MAGNI
18	596257M	4	WASHER, FLAT 5/16 USS MAGNI

Filter / Strainer at Boom

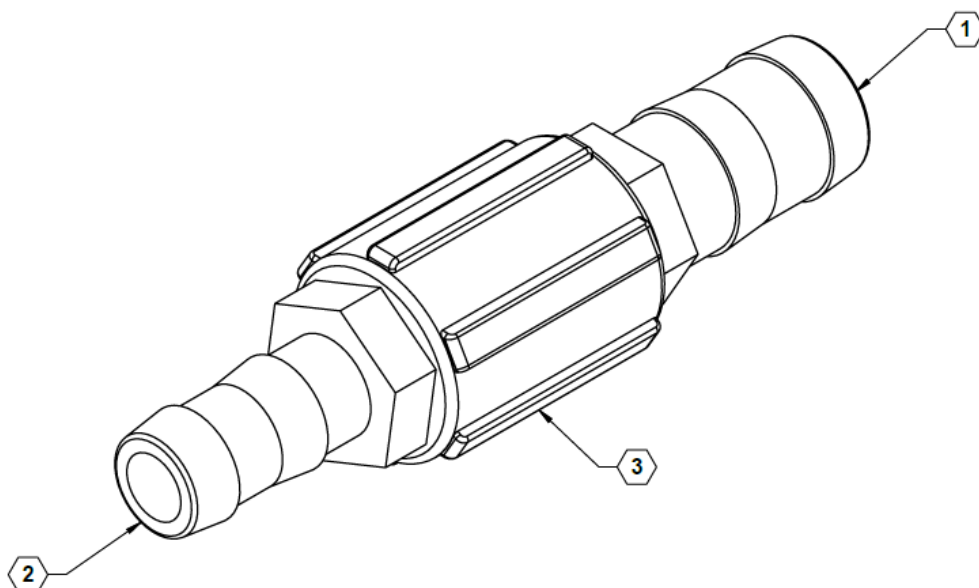


Parts List 530473: Filter / Strainer at Boom

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	LS150-C	LS CAP ASSY
2	1	LS150-G	#339 O-RING
3	1	LS280	2" LS SCREEN - 80 MESH
4	1	LST225D	DECAL (N/S)
5	1	MLS200B	2" LINE STRAINER BODY

See <https://www.banjocorp.com/banjo/Manifold-Flange-Connections/MLS200-80/p/2821208>

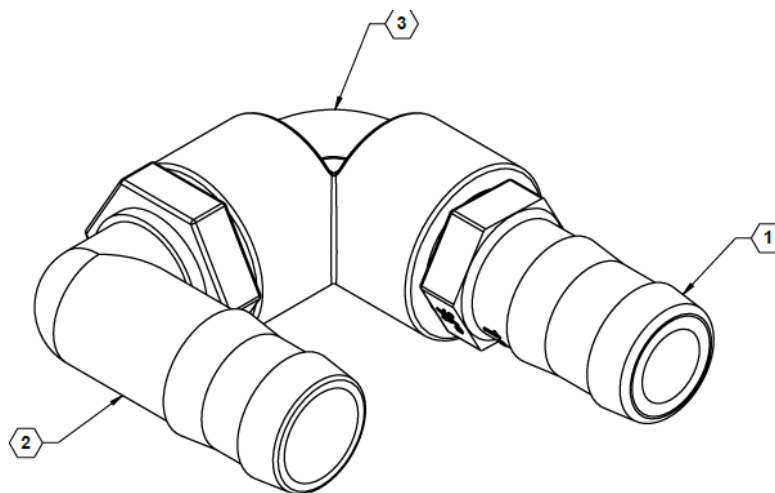
Hose Barb Reducer, 1" to 3/4" ID



Parts List 90SA075100HBST: Hose Barb Reducer, 1" to 3/4" ID

ITEM	PART NO.	QTY.	DESCRIPTION
1	530203	1	FITTING, .750 MNPT X 1.00 HB, POLY
2	530230	1	FITTING, .75 MPT X .75 HB
3	530235	1	COUPLER, 3/4" POLY PIPE

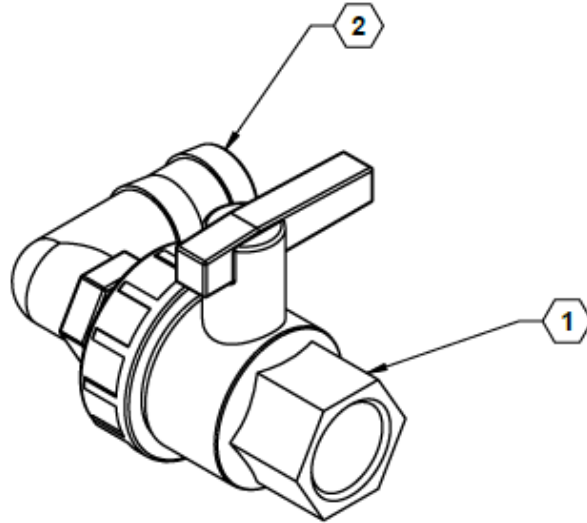
Hose Barb U-Fitting



Parts List 90SAU / 90SAU075: Hose Barb U-Fitting

ITEM	PART NO.	QTY.	DESCRIPTION
1	530203	1	FITTING, 3/4" MPT X 1" HOSE BARB
	530230		FITTING, 3/4" MPT X 3/4" HOSE BARB
2	530238	1	ELBOW, 3/4" NPT X 1" HB, POLY
3	530239	1	3/4" POLY PIPE ELBOW 90 DEG

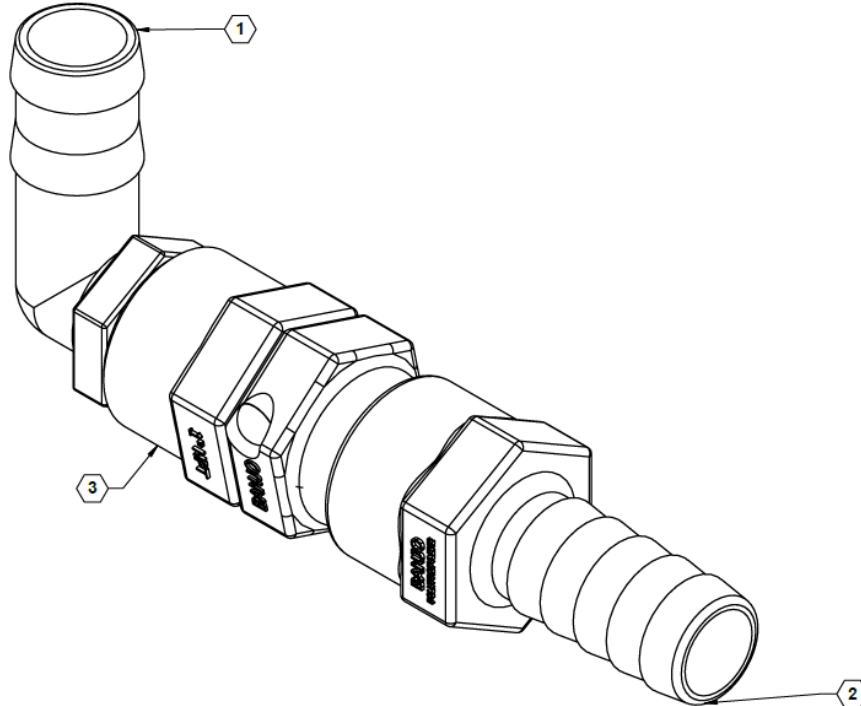
Boom Clean Out



Parts List 90SABC: Boom Clean Out

ITEM	PART NO.	QTY.	DESCRIPTION
1	500043	1	VALVE, 3/4" UNION
2	530036	1	ELBOW, .75 MPT X 90°

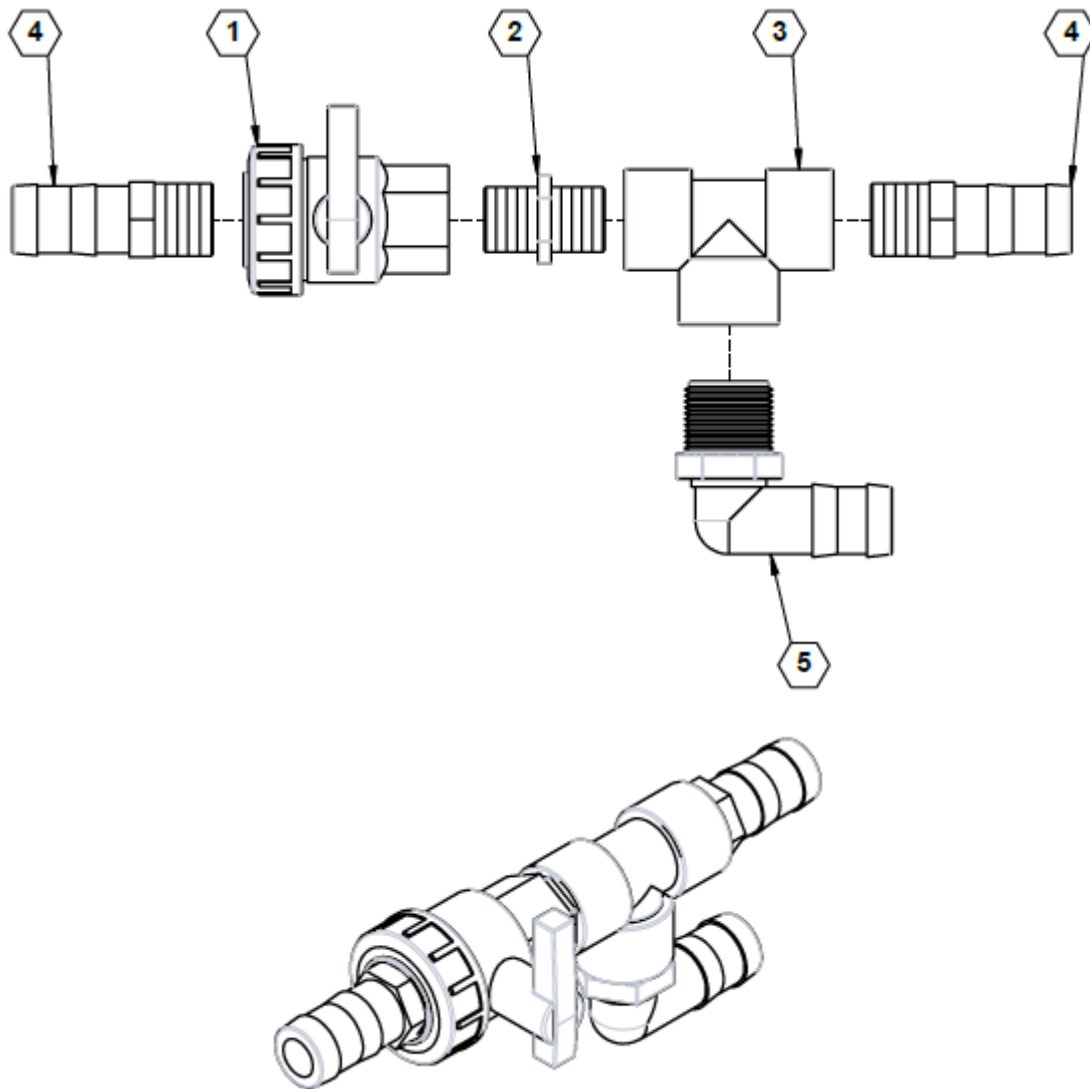
Side Fold Fitting for 60' Extension



Parts List 90SA6080SF: Side Fold Fitting for 60' Extension

ITEM	PART NO.	QTY.	DESCRIPTION
1	530044	1	FITTING, ELBOW, 90D, 1.00 MNPT X 1.00 HB, POLY
2	530325	1	FITTING, 1.00 FNPT X 1.00 HB, POLY
3	530326	1	SWIVEL MPT 1 X 1 FEM THRD

Valved Tee

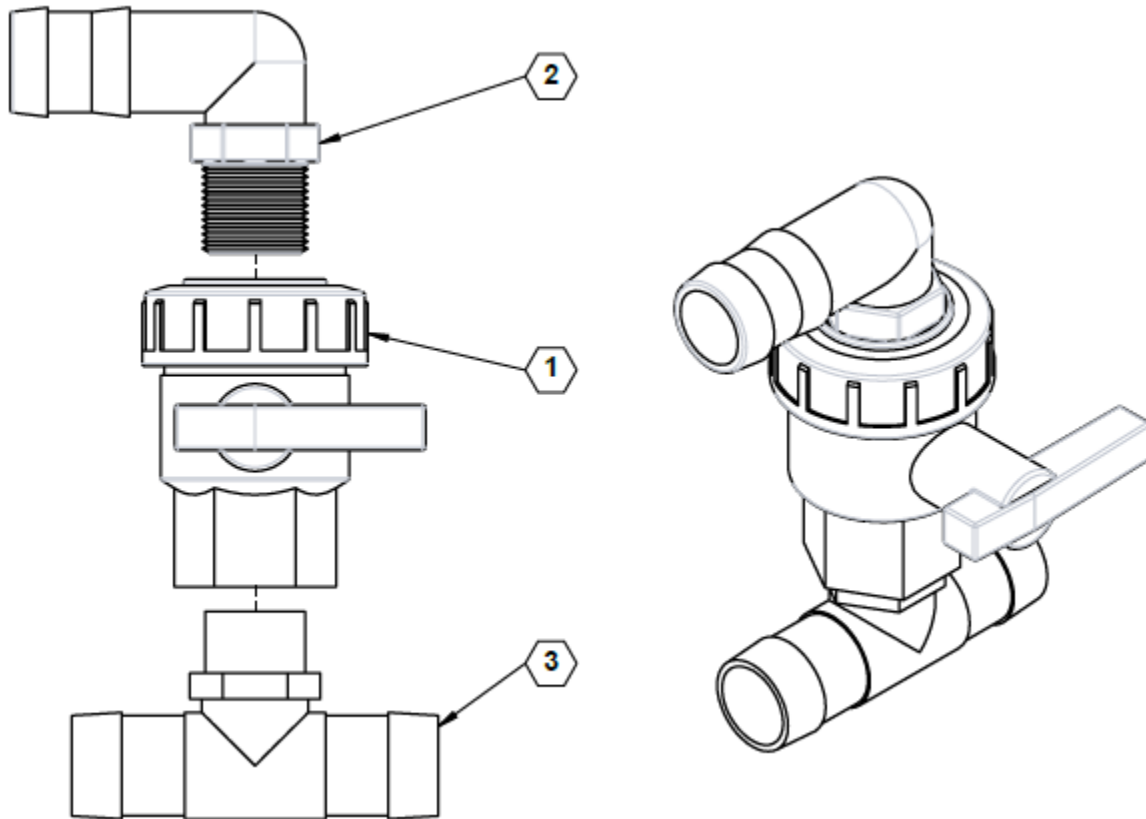


Parts List 90SAVUF: Valved Tee

ITEM	PART NO.	QTY.	DESCRIPTION
1	500043	1	VALVE, 3/4" UNION
2	530131	1	NIPPLE, POLY PIPE 3/4" SHORT
3	530156	1	TEE, 3/4" POLY PIPE
4	530203	2	FITTING, .750 MNPT X 1.00 HB, POLY
5	530238	1	1" 90° ELBOW

Note: Multiple orientations of this part exist.

Recirculation Tee, One Valve

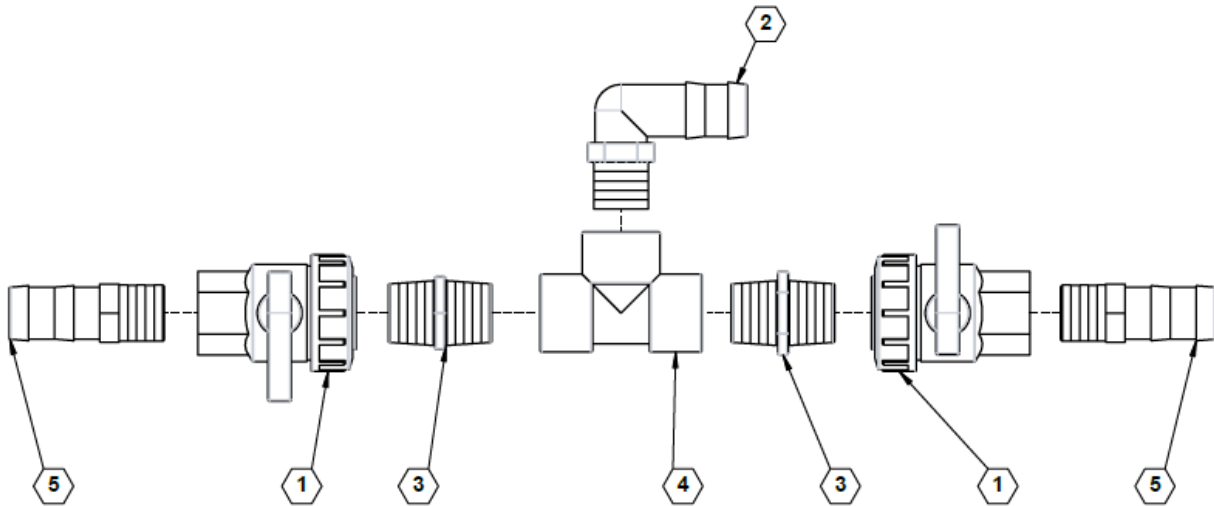


Parts List 90SAVRJ: Recirculation Tee, One Valve

ITEM	PART NO.	QTY.	DESCRIPTION
1	500043	1	VALVE, 3/4" UNION
2	530036	1	ELBOW, .75 MPT X 1.00 HB, 90~
3	530181	1	TEE, .75 MPT X 1.00 HB X 1.00 HB

Note: Multiple orientations of this part exist.

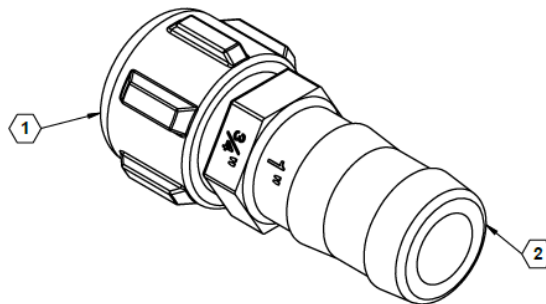
Recirculation Tee, Two Valve



Parts List 90SAVRT2: Recirculation Tee, Two Valve

ITEM	PART NO.	QTY.	DESCRIPTION
1	500043	2	VALVE, 3/4" UNION
2	530036	1	ELBOW, .75 MPT X 1.00 HB, 90~
3	530131	2	NIPPLE, SHORT POLY X 3/4 IN
4	530156	1	TEE, 3/4" POLY PIPE
5	530203	2	FITTING, .750 MNPT X 1.00 HB, POLY

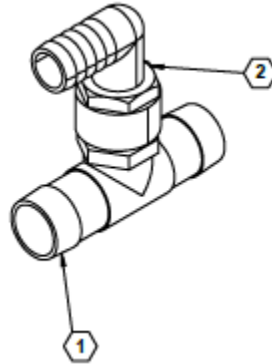
End of Hose Plug



Parts List 90SAPLUG: End of Hose Plug

ITEM	PART NO.	QTY.	DESCRIPTION
1	530245	1	CAP, .750 FGT, BLACK POLY
2	530275	1	FITTING, 3/4" STRAIGHT THREAD X 1" HB
3	530227	1	WASHER, 1.00 OD X .750 ID, BLACK VINYL

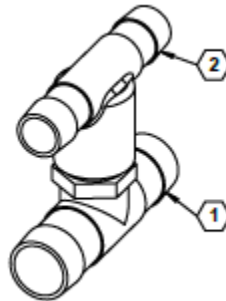
Hose Barb Tee, 1" to 3/4"



Parts List 90SAFTG100T07590: Hose Barb Tee, 1" to 3/4"

ITEM	PART NO.	QTY.	DESCRIPTION
1	530181	1	TEE, .75 MPT X 1.00 HB X 1.00 HB
2	530213	1	HOSE BARB ELBOW, 3/4" FPT X 3/4" BARB

Hose Barb H, 1" to 3/4"

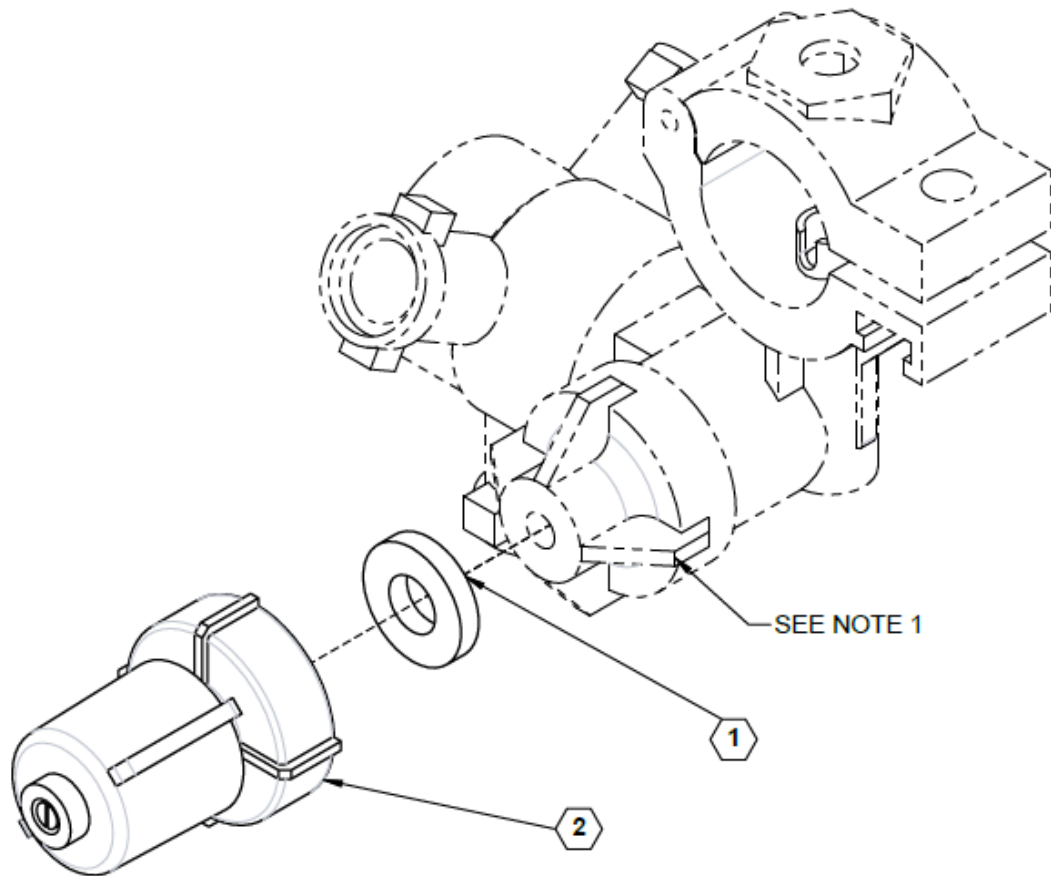


Parts List 90SAFTG100T075T: Hose Barb H, 1" to 3/4"

ITEM	PART NO.	QTY.	DESCRIPTION
1	530181	1	TEE, .75 MPT X 1.00 HB X 1.00 HB
2	530220	1	TEE, .75 MPT X .75 HB X .75 HB

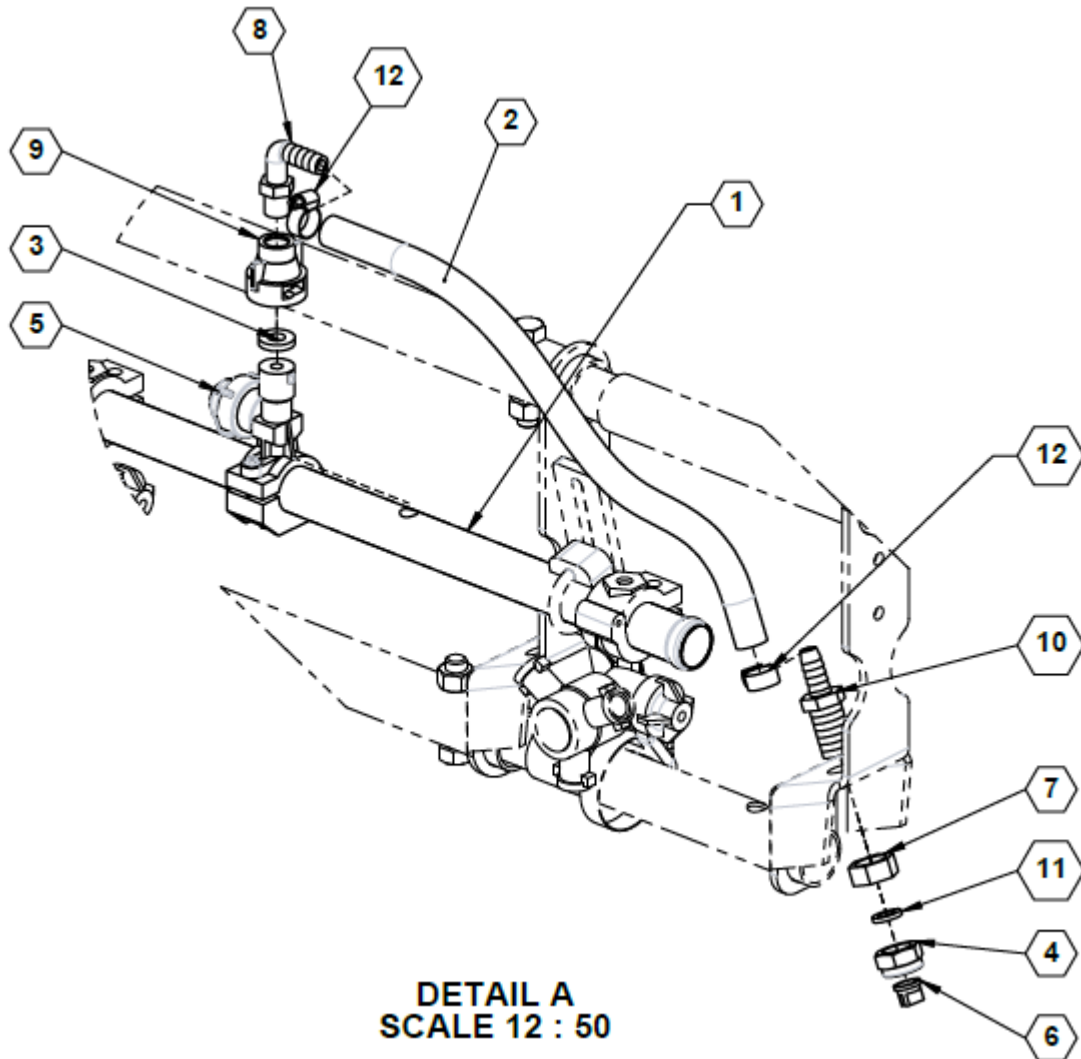
Fenceline Nozzles – Manual**NOTE:**

1. REMOVE CHECK VALVE CAP FROM NOZZLE BODY
2. FINISH: NONE

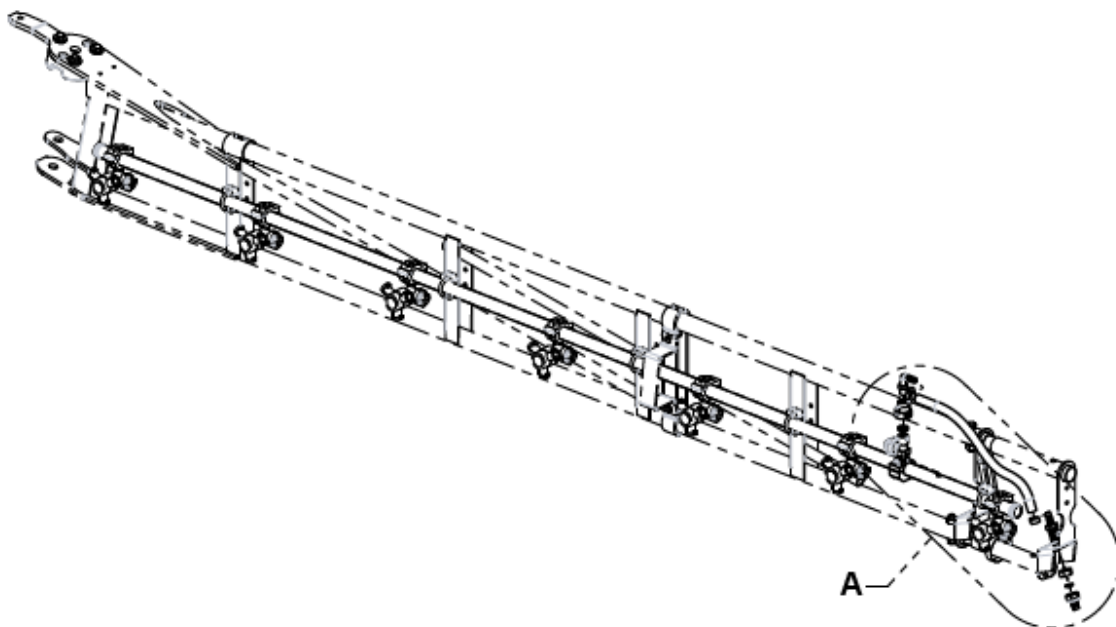
**Parts List 99EPFLN00: Fenceline Nozzles – Manual**

ITEM	PART NO.	QTY.	DESCRIPTION
1	520016	2	GASKET, QUICK TEEJET SEAT, STD EPDM
2	520037	2	VALVE, MANUAL SHUTOFF, FENCELINE

Fenceline Nozzles – Electric One Side



DETAIL A
SCALE 12 : 50



Parts List 36723 / 36724 / 36725: Fenceline Nozzles – Electric One Side

ITEM	PART NO.	QTY.	DESCRIPTION
1	14311	1	WET TUBE, 7 PORT 15" + VALVE
	14320		WET TUBE, 5 PORT 20" + VALVE
	14330		WET TUBE, 5 PORT 22" + VALVE
2	510020	1.1	(FT) HOSE, 0.375IN EPDM
3	520016	1	GASKET, QUICK TEEJET SEAT, STD EPDM
4	520019	1	CAP, NOZZLE, BLACK NYLON
5	520030	1	NOZZLE BODY, 25MM SINGLE
6	520050	1	TIP, NOZZLE, BLUE POLYMER, FLAT SPRAY
7	530206	1	NUT, NOZZLE 11/16"
8	530209	1	FITTING, ELBOW, 90D, .250 MNPT X .375 HB, POLY
9	530248	1	QUICKJET ADAPTER NY
10	530306	1	NOZZLE, POLY FENCELINE W/ HB
11	530356	1	GASKET, RUBBER QJT
12	540032	2	HOSE CLAMP, 5/16 #5 SS

See also:

- [Fenceline Nozzles – Single, Display Control](#)
- [Fenceline Nozzles – Single, Toggle Switch Control](#)
- [Fenceline Nozzles – Dual, Display Control](#)
- [Fenceline Nozzles – Dual, Toggle Switch Control](#)

Fenceline Nozzles – Electric Two Sides



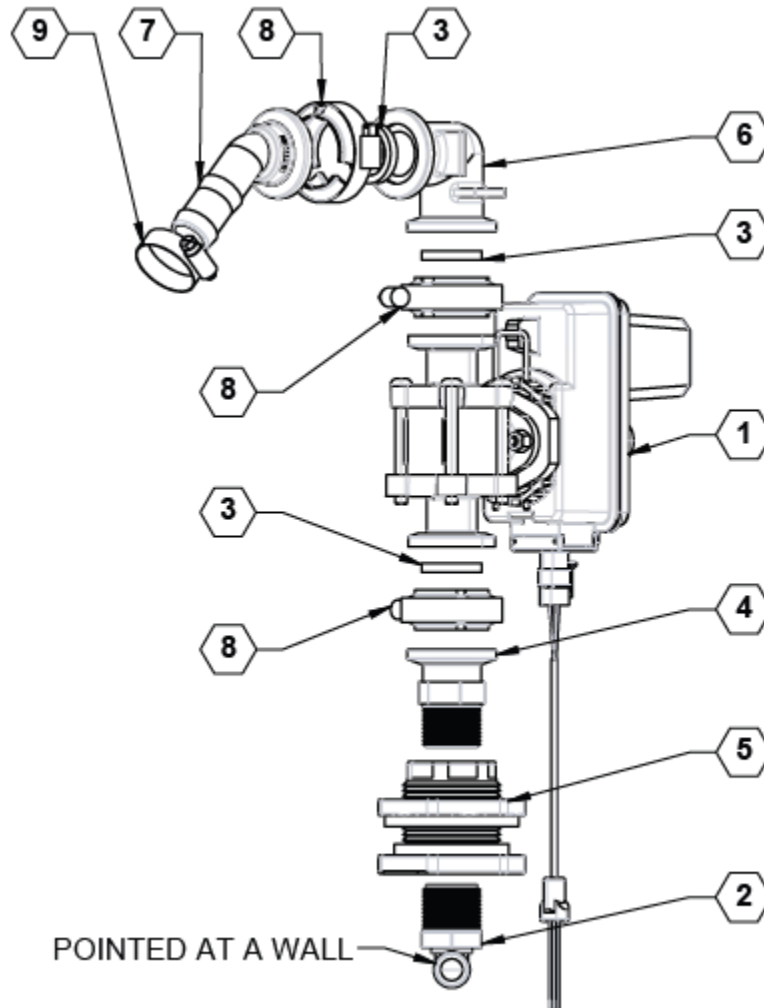
Parts List 36726 / 36727 / 36728: Fenceline Nozzles – Electric Two Sides

ITEM	PART NO.	QTY.	DESCRIPTION
1	36723	2	OPTION, FENCELINE NOZZLE 15 IN
	36724		OPTION, FENCELINE NOZZLE 20 IN
	36725		OPTION, FENCELINE NOZZLE 22 IN

See also:

- [Fenceline Nozzles – Single, Display Control](#)
- [Fenceline Nozzles – Single, Toggle Switch Control](#)
- [Fenceline Nozzles – Dual, Display Control](#)
- [Fenceline Nozzles – Dual, Toggle Switch Control](#)

Recirculation Re-entry

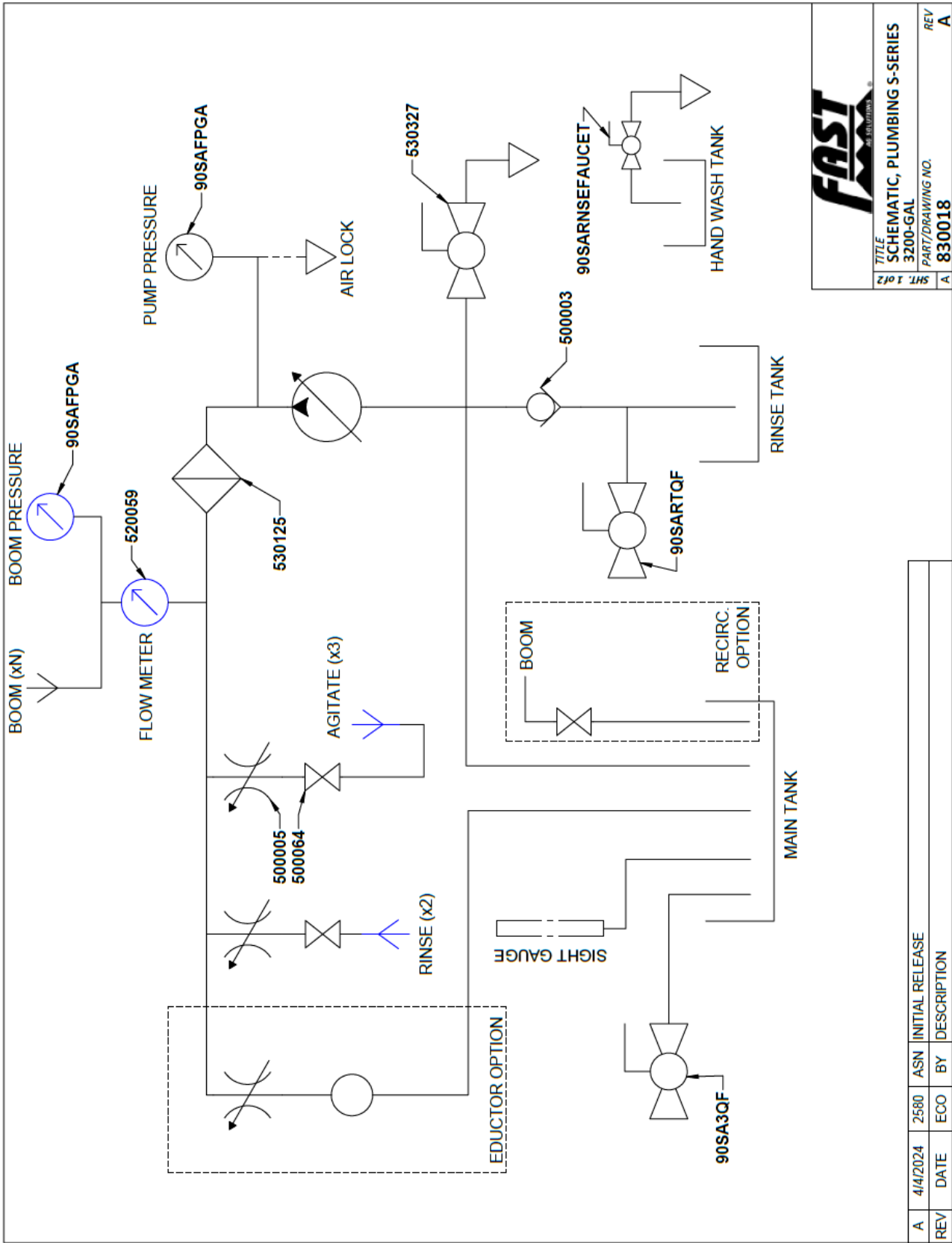


Parts List 36209: Recirculation Re-entry

ITEM	PART NO.	QTY.	DESCRIPTION
1	500084	1	VALVE, SHUTOFF 2-WAY, 344
2	530042	1	ELBOW, 90 DEG, 1.00 MPT X .75 HB, POLY
3	530068	3	GASKET, 1.00 EPDM
4	530069	1	FITTING, 1.00 MANIFOLD X 1.00 MPT
5	530161	1	FITTING, 1" FPT BULKHEAD
6	530362	1	FITTING, 1" MANIFOLD 90° ELBOW
7	530426	1	ELBOW 45, 1.00 FLANGE X 1.00 HB
8	540000	3	CLAMP, WORM SCREW, 1.00
9	540014	1	HOSE CLAMP, SS 1.00 #16

PRODUCT PLUMBING on FRAME

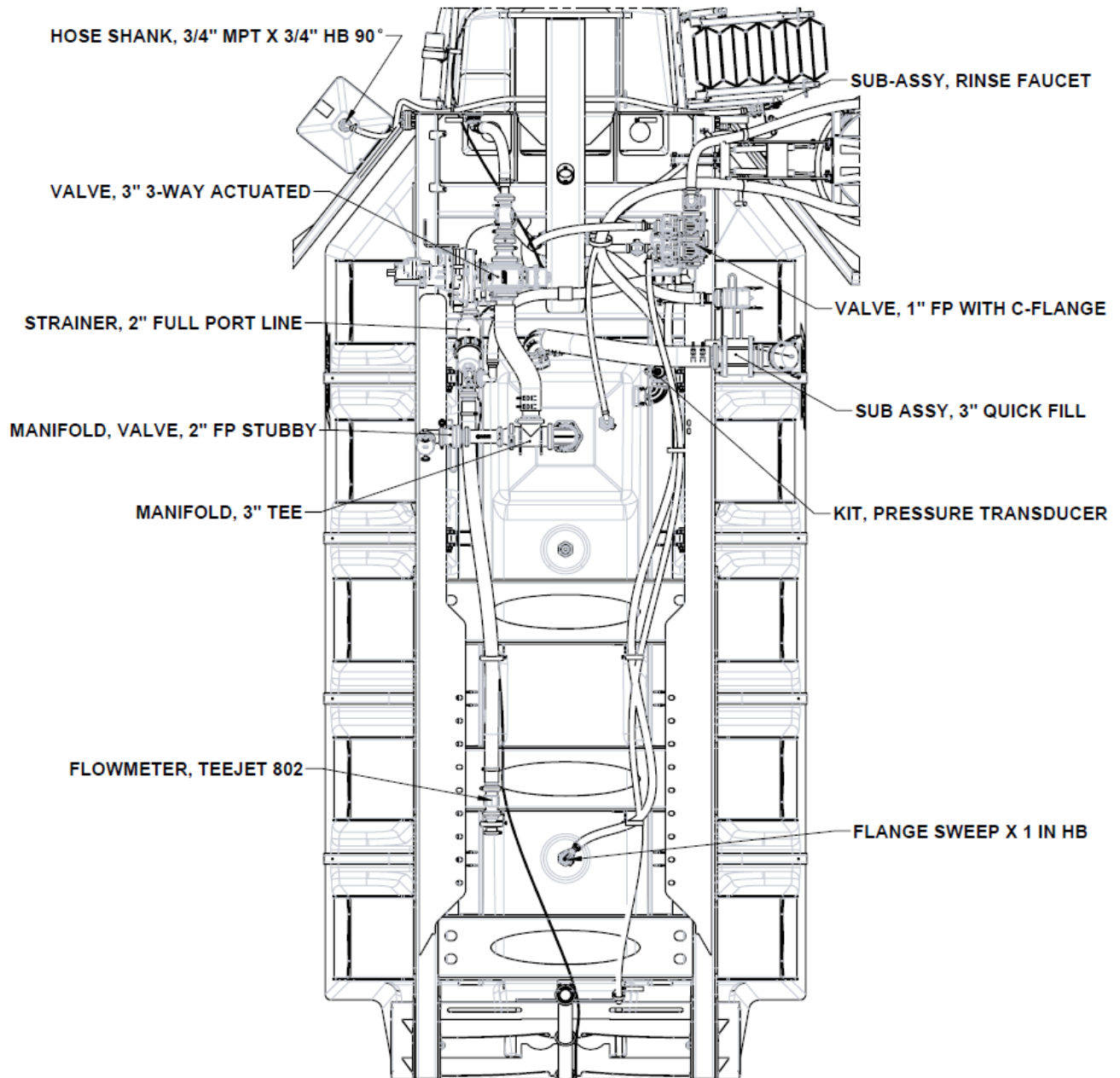
Plumbing Schematic (830018)



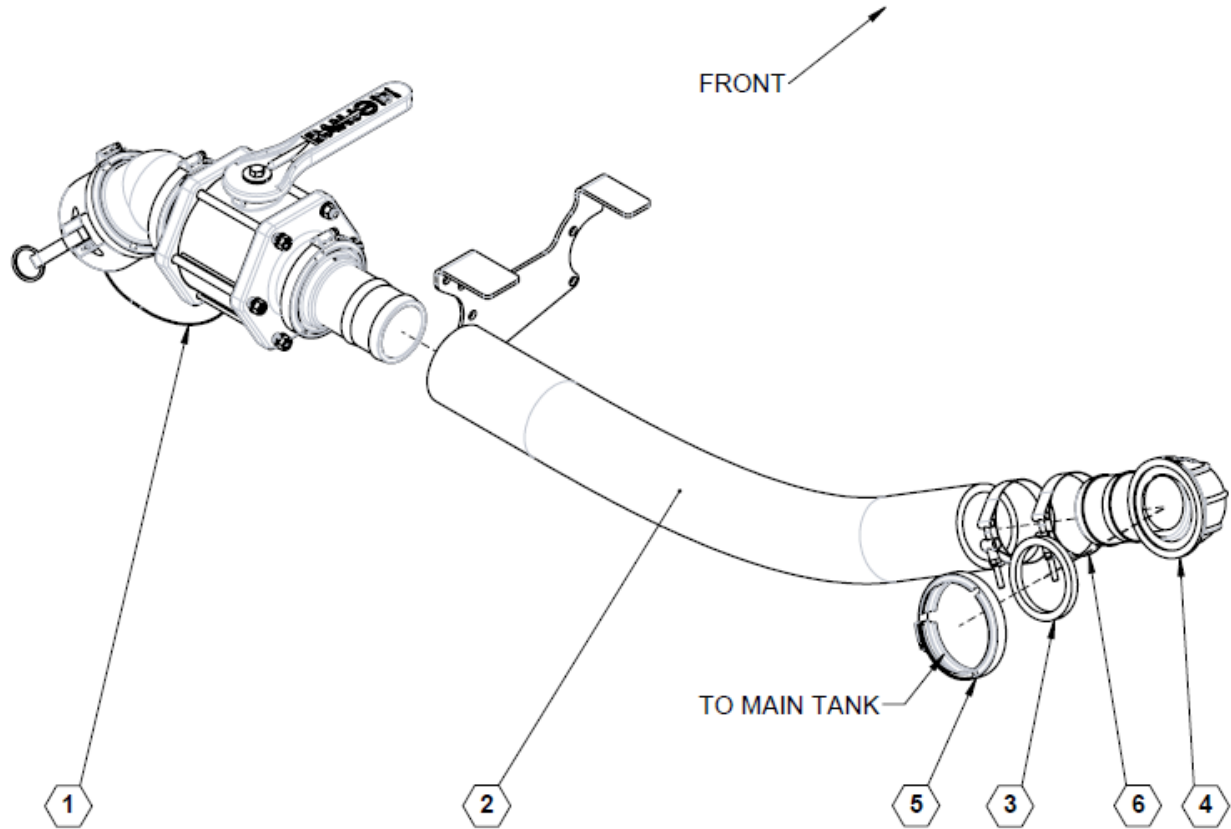
TITLE		REV	A
SCHEMATIC, PLUMBING S-SERIES			
3200-GAL			
PART/DRAWING NO.			
830018			
SHT. 1 of 2			

REV	DATE	ECO	BY	DESCRIPTION
A	4/4/2024	2580	ASN	INITIAL RELEASE

Plumbing Overview (36601)



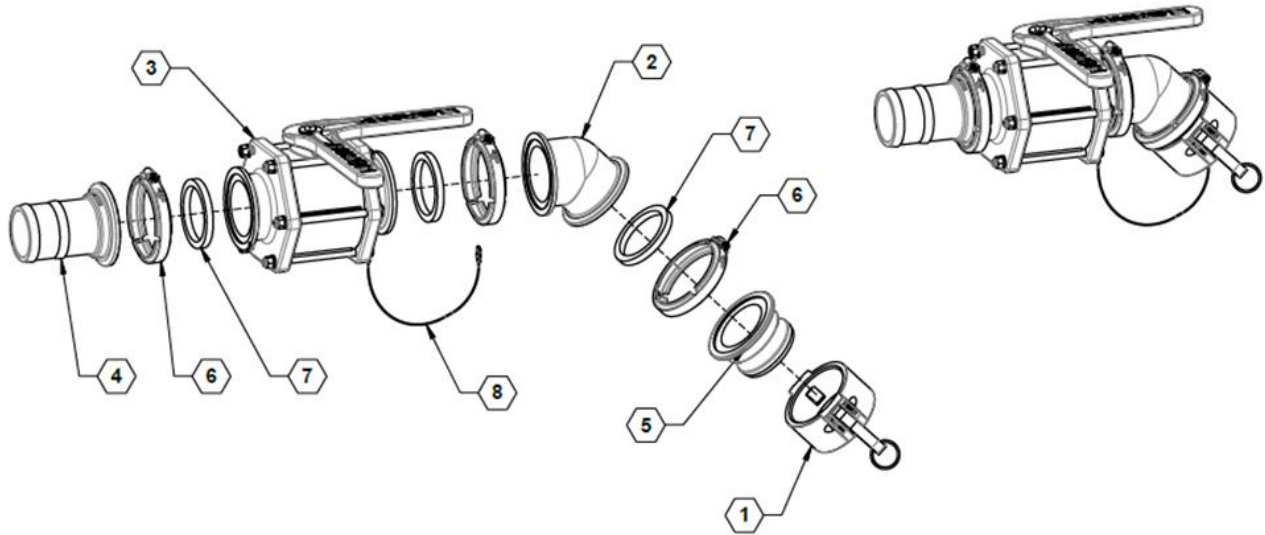
Main Tank Quick Fill



Parts List 36601: Main Tank Quick Fill

ITEM	PART NO.	QTY.	DESCRIPTION
1	90SA3QF	1	SUB ASSY, 3" QUICK FILL
2	510038	3	(FT) HOSE, 3IN EPDM
3	530024	1	GASKET, 3" EPDM
4	530441	1	FLANGE SWEEP, 90 X 3" HOSE BARB
5	540003	1	CLAMP, 3INCH WORM SCREW
6	540009	4	CLAMP, 3" T BOLT

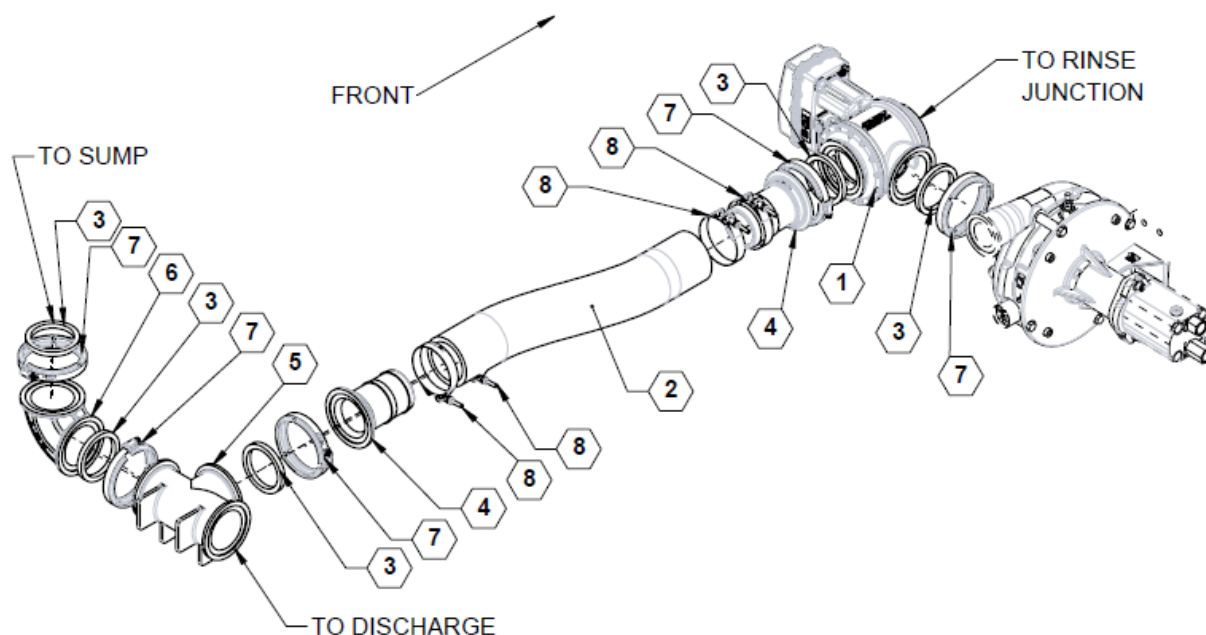
Quick Fill Valve, 3"



Parts List 90SA3QF: Quick Fill Valve, 3"

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

Main Tank Sump & Pump Selector Valve

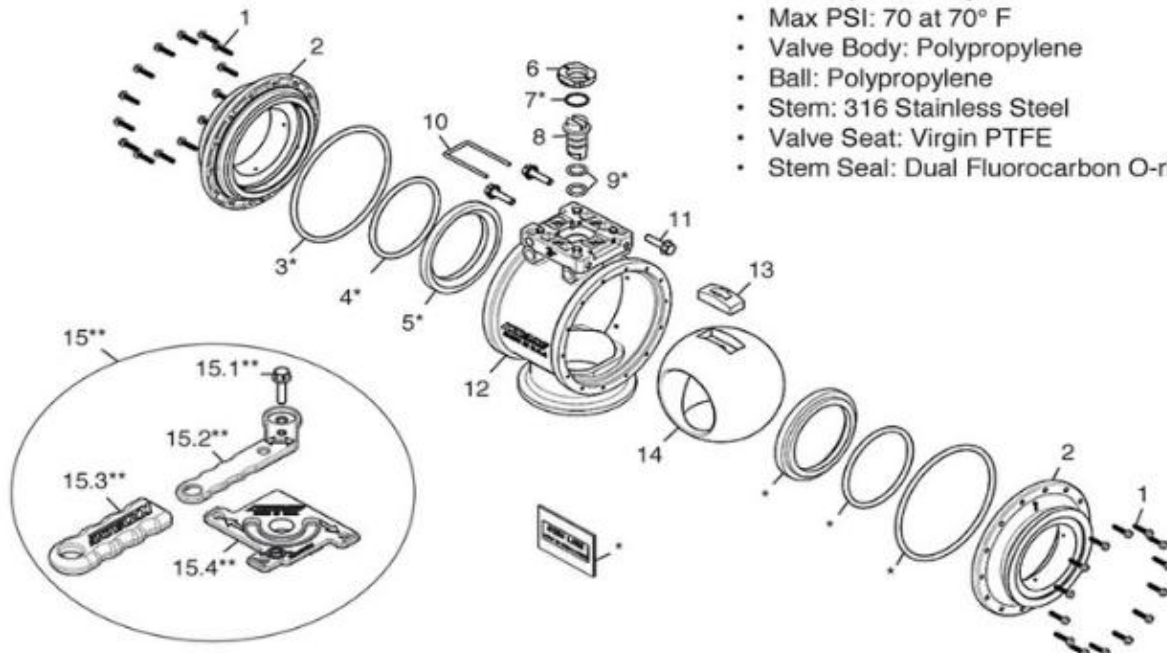


Parts List 36601: Main Tank Sump & Pump Selector Valve

ITEM	PART NO.	QTY.	DESCRIPTION
1	500080	1	VALVE, 3" 3-WAY ACTUATED
2	510004	2	(FT) HOSE, 3IN EPDM
3	530024	5	GASKET, 3" EPDM
4	530113	2	MANIFOLD FLANGE, 3" HB
5	530115	1	MANIFOLD, 3" TEE
6	530439	1	MANIFOLD SWEEP, FLANGE 3"
7	540003	5	CLAMP, 3INCH WORM SCREW
8	540009	4	CLAMP, 3" T BOLT

3-Way Electric Selector Valve Breakdown (500080)

MX12 3-way



Design Features:

- 3" Full port 3-Way ball valve
- Max PSI: 70 at 70° F
- Valve Body: Polypropylene
- Ball: Polypropylene
- Stem: 316 Stainless Steel
- Valve Seat: Virgin PTFE
- Stem Seal: Dual Fluorocarbon O-rings

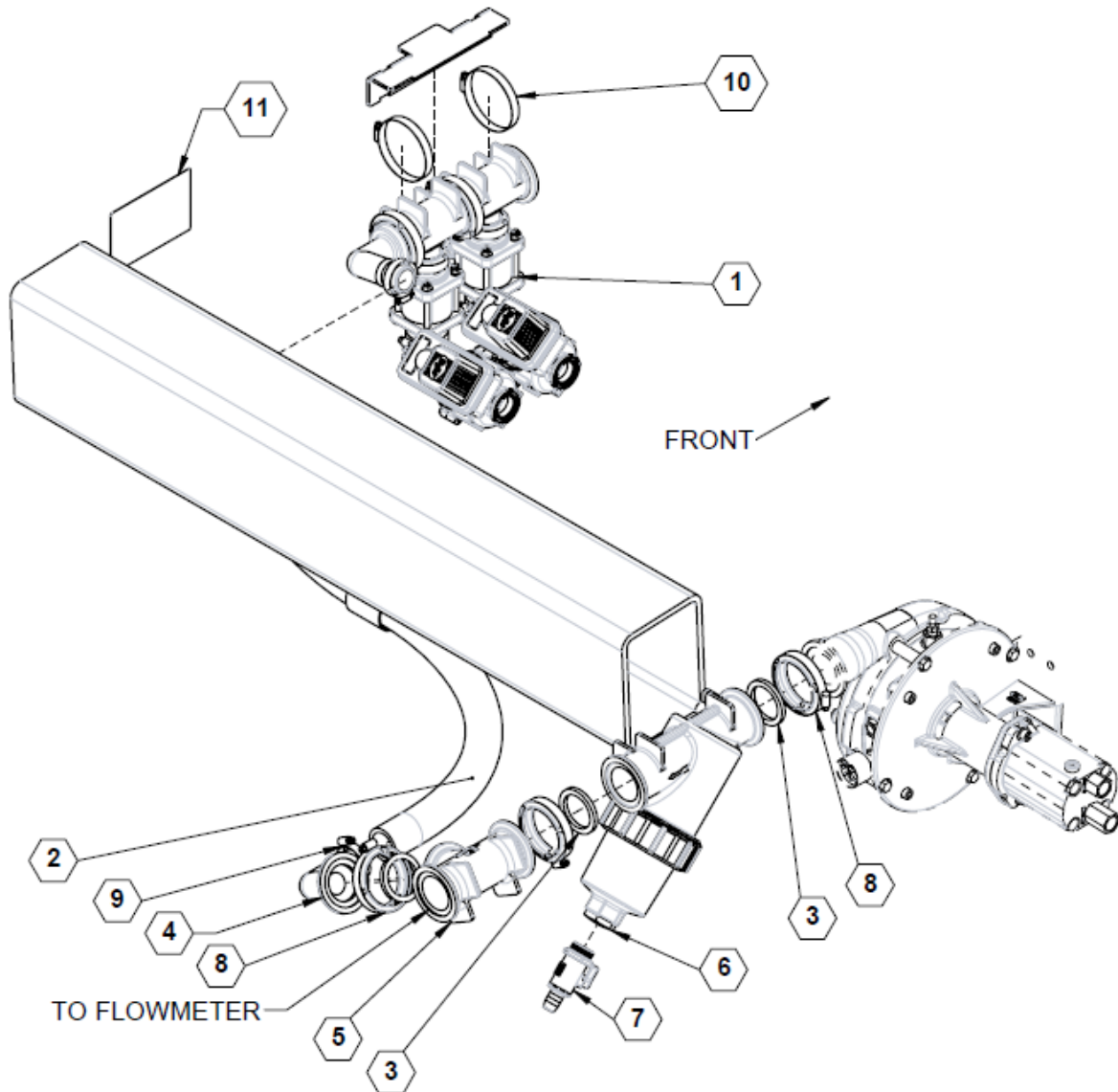
No.	Part Number	Description	Qty
1	100-0002	screw, #8, 3/4, stainless steel, 18-8	28
2	202-0080	endcap, M300, 3" full port flange	2
3*	205-0030	o-ring, EPDM	2
4*	205-0040	o-ring, EPDM	2
5*	206-0025	seat, 3" full port	2
6	QX4-121-3	stem retainer bushing, polypropylene	1
7*	QC3-170	thrust washer, PTFE	1
8	207-0001	stem, stainless steel inline	1
	207-0009**	stem, stainless steel inline, tapped for manual valve	
9*	QC3-130	o-ring, #113, VITON	2
10	QX-103	hairpin, stainless steel	1
11	100340	bolt, serrated flange, 1/4 - 20 x 1	3
12	201-0115	valve body, 3-way, bottom load, M300, 3" polypropylene full port	1
13	250-0050	shoe, ball/stem engagement	1
14	204-0030	valve ball, 3-way, 2" diverter	1
	204-0057	valve ball, 3" polypropylene full port	
15**		Manual Valve	
15.1**	100340	bolt, serrated flange, 1/4 - 20 x 1	1
15.2**	212-0010	handle	1
15.3**	212-0015	handle cover	1
15.4**	250-0040-P	retainer, stop plate	1
*	210-0026	valve repair kit, MX - 3" (M4K)	

*Items included in valve repair kits

**Manual valve only

See also: [3-Way Electric Selector Valve \(500080\)](#) and https://view.publitas.com/kzvalve/kzvalve_catalog

Pump, Filter, and Sending



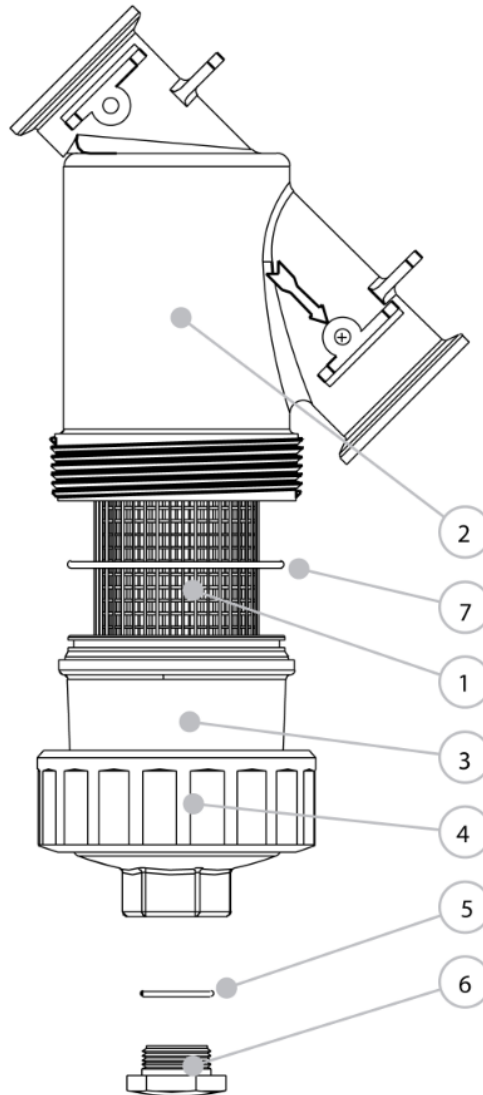
Parts List 36601: Pump, Filter, and Sending

ITEM	PART NO.	QTY.	DESCRIPTION
1	36630	1	DISTRIBUTION, AGITATION AND RINSE
2	510014	4	(FT) HOSE, 1.5IN EPDM
3	530019	3	GASKET, 2.00 EPDM
4	530101	1	2INCHFP FLANGE X 1-1/2INCHHB-90
5	530110	1	MANIFOLD TEE, 2"
6	530125	1	STRAINER, 2" FULL PORT LINE
7	530517	1	MICRO VALVE, 3/4" HB X 1" MPT
8	540002	3	CLAMP, FP WORM SCREW, 2.00
9	540016	1	CLAMP, SS 1.500 #24
10	540020	2	CLAMP, 3-1/2" SS
11	800016	1	DECAL, MAIN TANK VALVE OPERATION

See also:

- [Pump ACE 255F-304 WET SEAL](#)
- [Pump ACE 255F-304 PWM WET SEAL](#)
- [Pump ACE FMC-750-HYD OASIS](#)
- [Pump ACE FMC-750-HYD PWM OASIS](#)

Filter / Strainer at Pump

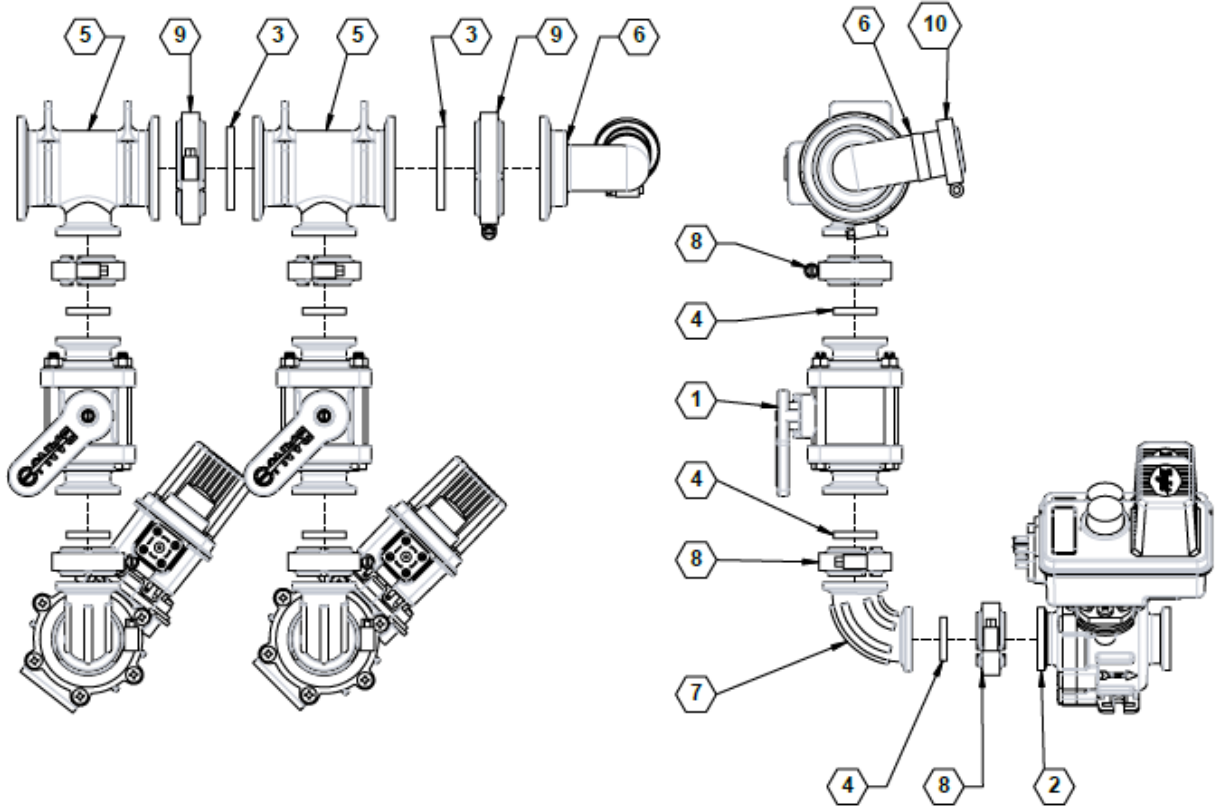


Parts List 530125: Filter / Strainer at Pump

ITEM	PART NO.	QTY.	DESCRIPTION
1	LST230SS	1	2" T Strainer Screen 30 Mesh 316 Stainless Steel
2	MLS222B	1	2" Full Port Manifold Y Strainer Body with Ribs
3	MLS220C1	1	2" Manifold Line Strainer Cap Assembly
4	MLS220R1	1	2" Full Port Manifold Strainer Ring
5	LSQ200-R	1	2" LSQ Plug O-Ring
6	LSQ200-PL	1	LSQ Strainer Plug
	530517		MICRO VALVE, 3/4" HB X 1" MPT
N/S	MLS222BC	1	2" Full Port Line Strainer Body & Cap
7	MLS220G1	1	2" Manifold Line Strainer Cap EPDM O-Ring

See <https://www.banjocorp.com/banjo/Manifold-Flange-Connections/MLS222-30/p/2821523>

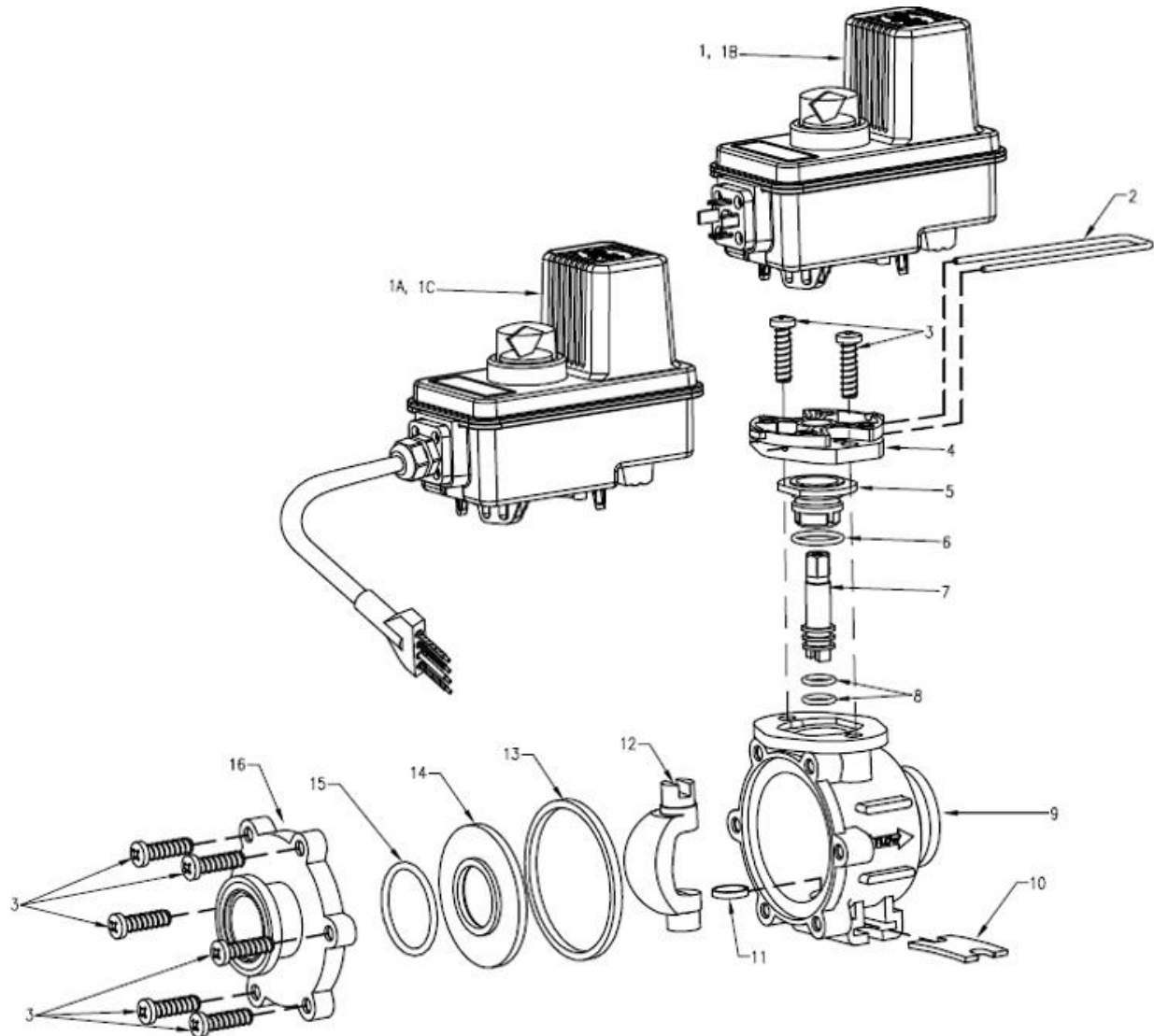
Distribution, Agitation & Rinse



Parts List 36630: Distribution, Agitation & Rinse

ITEM	PART NO.	QTY.	DESCRIPTION
1	500005	2	VALVE, 1" FP WITH C-FLANGE
2	500064	2	VALVE, 356 SERIES ON/OFF ELEC. AGITATION
3	530019	2	GASKET, 2.00 EPDM
4	530068	6	GASKET, 1.00 EPDM
5	530099	2	MANIFOLD, 2" FP X 1" FLANGE TEE
6	530101	1	2INCHFP FLANGE X 1-1/2INCHHB-90
7	530424	2	MANIFOLD SWEEP, 1" FLANGE
8	540000	6	CLAMP, WORM SCREW, 1.00
9	540002	2	CLAMP, FP WORM SCREW, 2.00
10	540016	1	CLAMP, SS 1.500 #24
11	632155	1	CAB BOX, ELECTRIC RINSE & AGITATE
12	632156	1	HARNESS, ELECTRIC RINSE & AGITATE

Distribution Electric Shutoff Valve



Parts List 500064: Distribution Electric Shutoff Valve

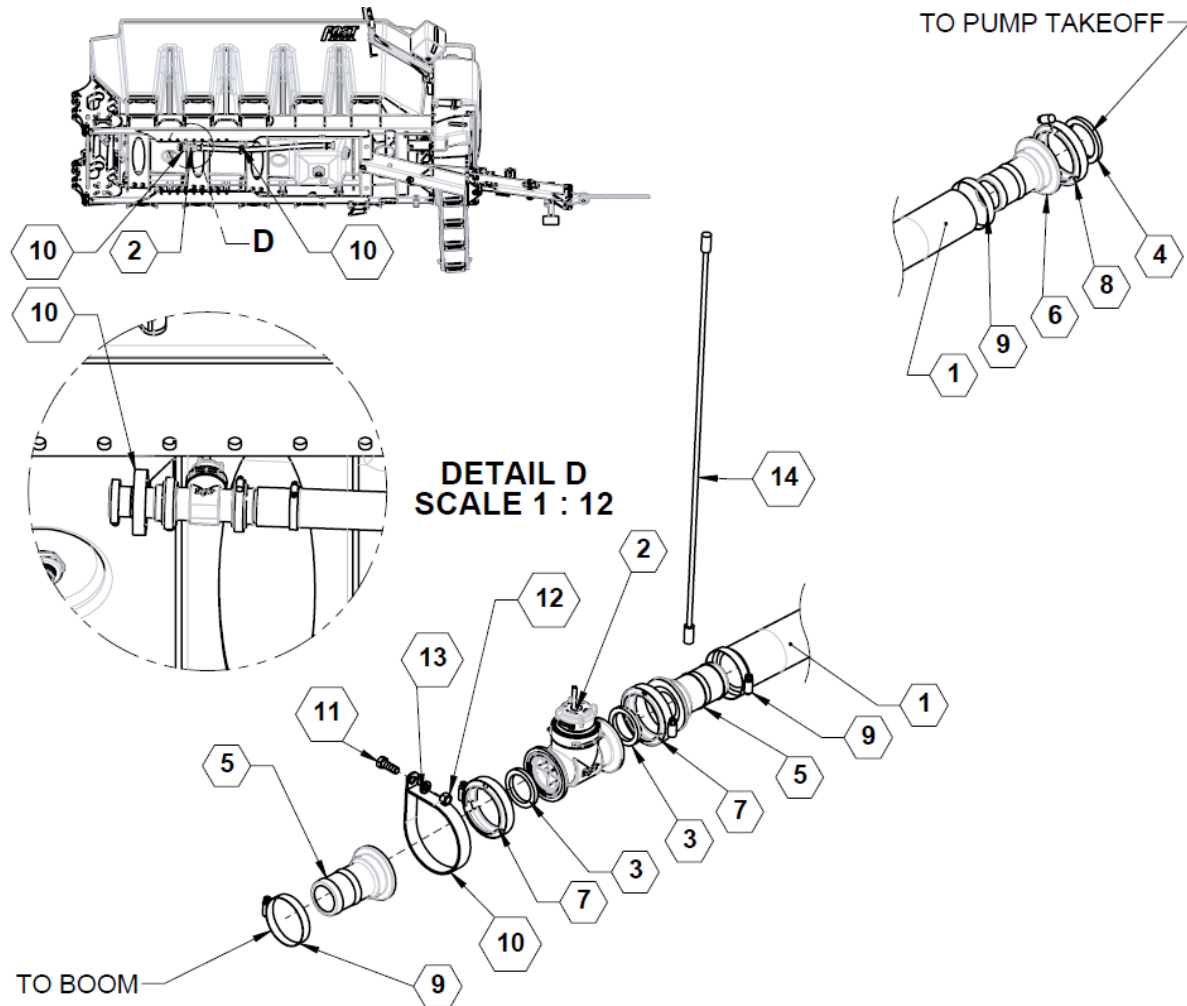
ITEM	PART NO.	DESCRIPTION
1	50515-25DP ■	BEC Motor, 25-RPM (0.6-SEC), DIN Connection, Positively Switched
1A	50515-25CP03 ■	BEC Motor, 25-RPM (0.6-SEC), 0.3-Meter Cable Connection, Positively Switched
	50515-25CP05 ■	BEC Motor, 25-RPM (0.6-SEC), 0.5-Meter Cable Connection, Positively Switched
	50515-25CP15 ■	BEC Motor, 25-RPM (0.6-SEC), 1.5-Meter Cable Connection, Positively Switched
	50515-25CP60 ■	BEC Motor, 25-RPM (0.6-SEC), 6.0-Meter Cable Connection, Positively Switched
1B	50533-25D	BE Motor, 25-RPM (0.6-SEC), DIN Connection
1C	50533-25C03	BE Motor, 25-RPM (0.6-SEC), 0.3-Meter Cable Connection
	50533-25C05	BE Motor, 25-RPM (0.6-SEC), 0.5-Meter Cable Connection
	50533-25C15	BE Motor, 25-RPM (0.6-SEC), 1.5-Meter Cable Connection
	50533-25C60	BE Motor, 25-RPM (0.6-SEC), 6.0-Meter Cable Connection
2	CP50517-SSPV	Retaining Clip, 304 Stainless Steel – Passivated
3	CP45517-1 1/8-SS	Screw, Phillips/Sq. Pan Head, 302 Stainless Steel (8 Req'd)
4	CP50514-PP	Motor Adapter, Glass Filled Polypropylene (Black)
5	CP50505-RYTON	Stem Bushing, Ryton (Black)
*	6 CP7717-2-117-VI	O-Ring, Viton
7	CP50532-316SS	Stem, 316 Stainless Steel
*	8 CP7717-M12X2.5-VI	O-Ring, Viton (2 Req'd)
9	CP50501-PP	Body, Glass Filled Polypropylene (Black)
10	CP50507-304SS	Mounting Plate, 304 Stainless Steel
*	11 CP50509-CTEF	Lower Bushing, Carbon Filled Teflon
12	CP50506-316SS	Ball, Polished 316 Stainless Steel
*	13 CP50504-VI	Gasket, Viton
*	14 CP50503-CTEF	Seal, Carbon Filled Teflon
*	15 CP7717-2-223-VI	O-Ring, Viton
16	CP50502-PP	End Cap, Glass Filled Polypropylene (Black)
AB356-KIT, Spare Parts Kit (Includes all items marked with *)		

■ Note: For Negatively Switched Motors Specify "N" rather than "P" in Motor Part Number
Example: 50515-25CN05

See also:

- https://www.teejet.com/-/media/dam/agricultural/usa/technical-documentation/other/pl356_tj.pdf
- TeeJet Spare Parts Kit AB346B-KIT

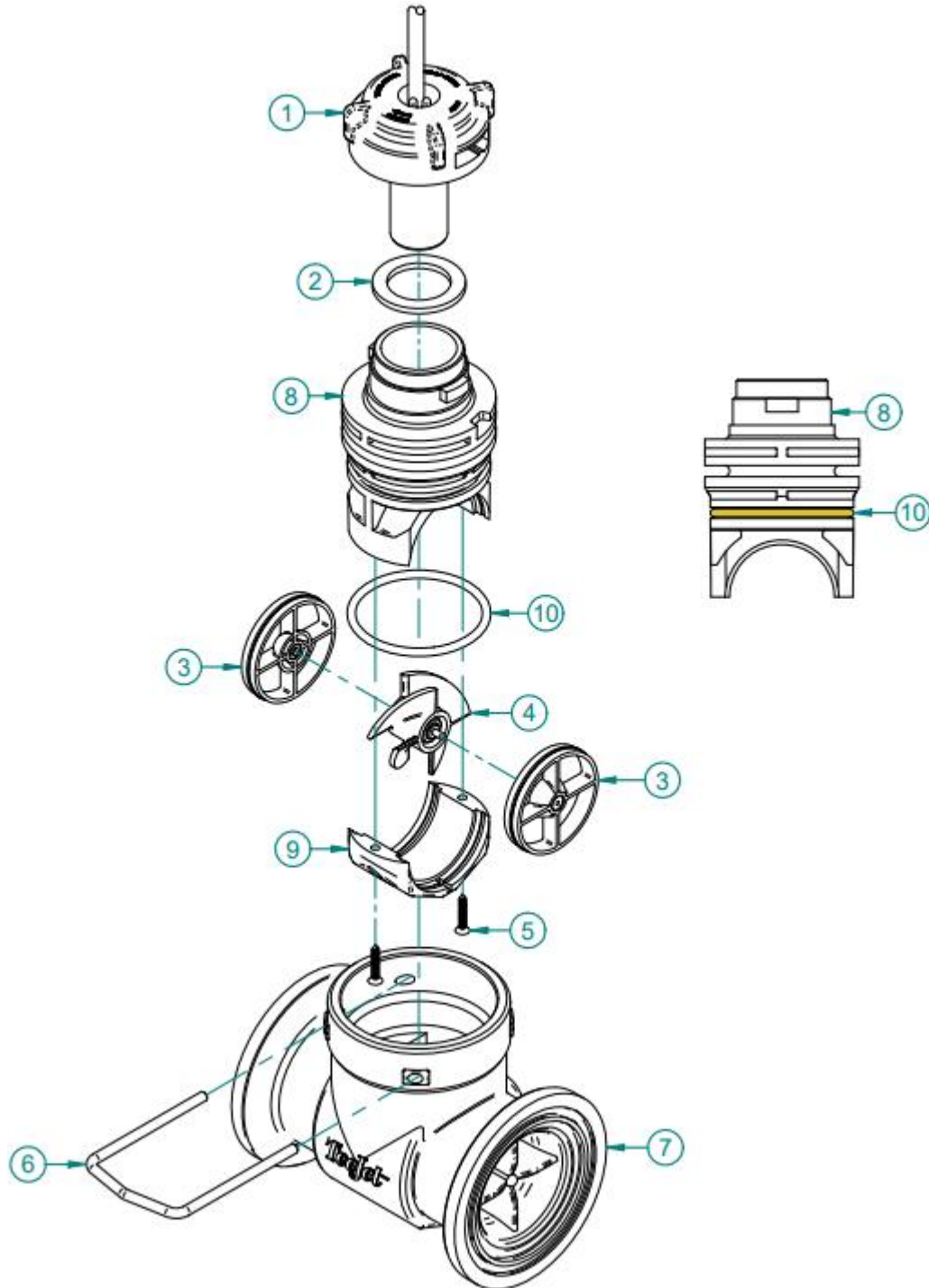
Standard Flowmeter



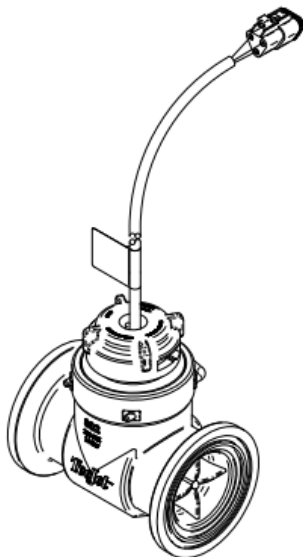
Parts List 36601: Standard Flowmeter

ITEM	PART NO.	QTY.	DESCRIPTION
1	510017	6	(FT) HOSE, 2IN EPDM
2	520059	1	FLOWMETER, TEEJET 802
3	530014	2	GASKET, 1.500 EPDM
4	530019	1	GASKET, 2.00 EPDM
5	530082	1	FITTING, 2.00 FP FLANGE X 2.00 HB, POLY
6	530103	2	FITTING, 2.00 FLANGE X 2.00 HB, POLY
7	540001	2	CLAMP, 2.00 STD WORM SCREW
8	540002	1	CLAMP, FP WORM SCREW, 2.00
9	540018	3	CLAMP, 2-3/4" SS
10	540053	2	P-CLAMP, 4" W/3/8" HOLE
11	596128M	2	BOLT, HH 3/8-16 X 1 GR5 MAGNI
12	596213M	2	NUT, HEX 3/8-16 MAGNI
13	596250M	2	LOCKWASHER, 3/8 MAGNI
14	631848	1	12' FLOWMETER CABLE EXT

Standard Flowmeter Breakdown



See https://www.teejet.com/-/media/dam/agricultural/usa/technical-documentation/product-data-sheet/c-57-10122_tj.pdf

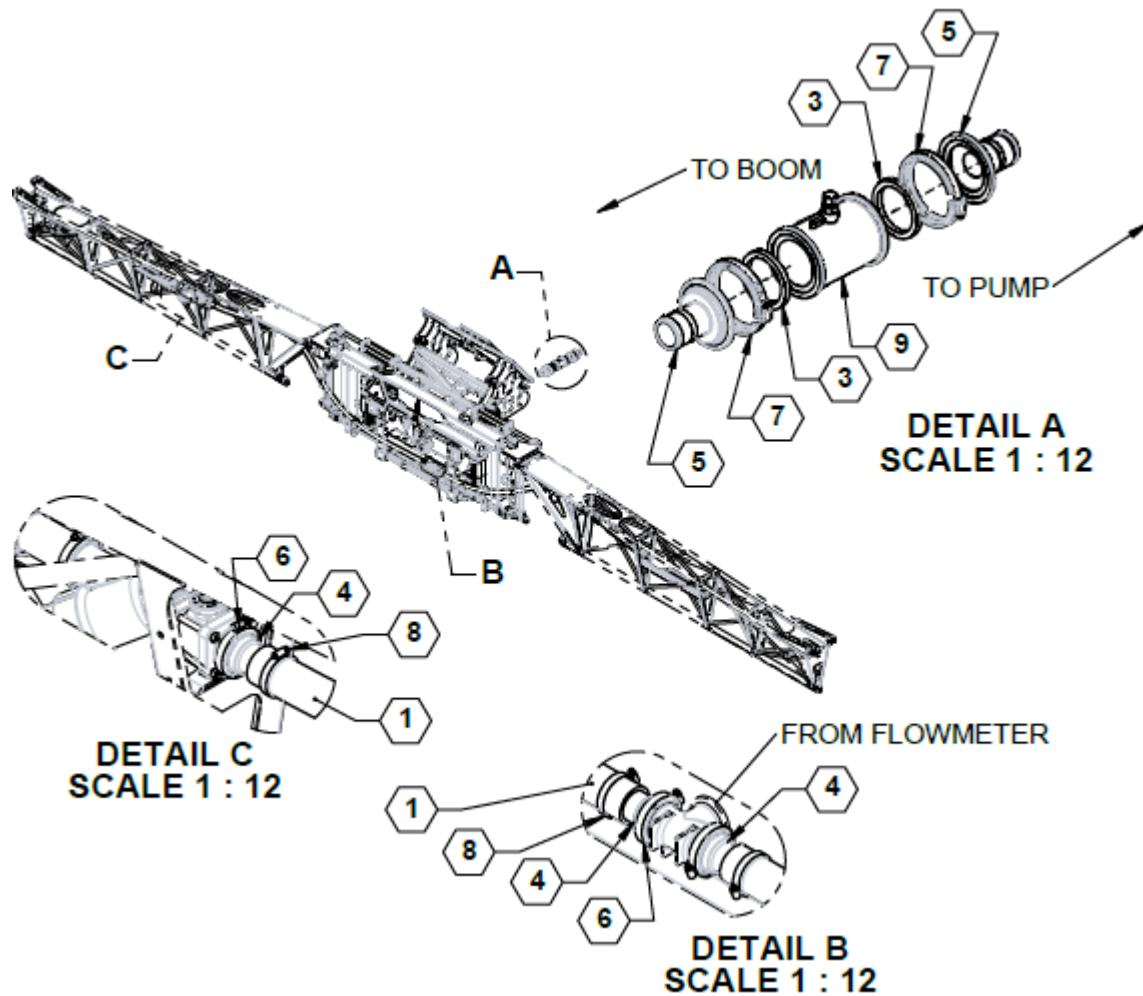


Parts List 520059: Standard Flowmeter Breakdown

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

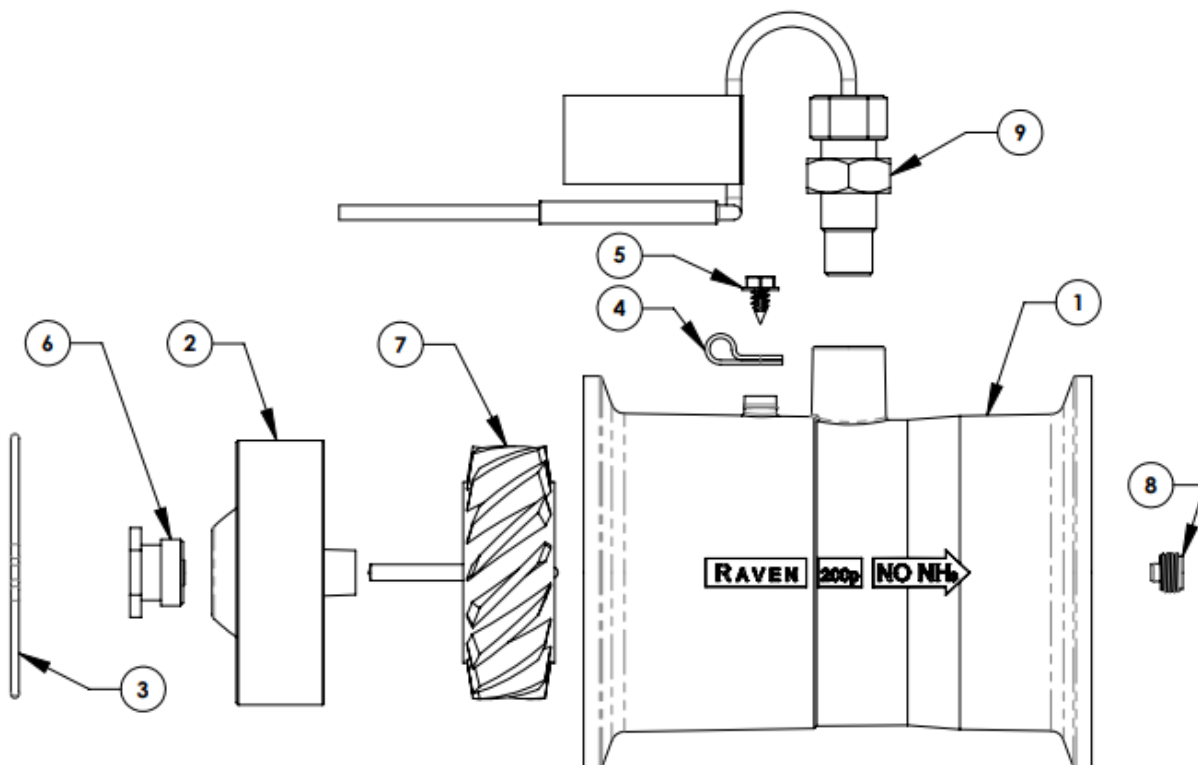
90-50256 KIT, REPAIR, 802 FLOWMETER

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

High Flow Option, 2"

Parts List 36602: High Flow Option, 2"

ITEM	PART NO.	QTY.	DESCRIPTION
1	510017	26	(FT) HOSE, 2IN EPDM
2	530014	4	GASKET, 1.500 EPDM
3	530024	2	GASKET, 3" EPDM
4	530082	4	FITTING, 2.00 FLANGE X 2.00 HB, POLY
5	530111	2	MANIFOLD, 3" X 2" HB
6	540001	4	CLAMP, 2.00 STD WORM SCREW
7	540003	2	CLAMP, 3INCH WORM SCREW
8	540018	4	CLAMP, 2-3/4" SS
9	632125	1	FLOWMETER, 200P

High Flow Flowmeter Breakdown



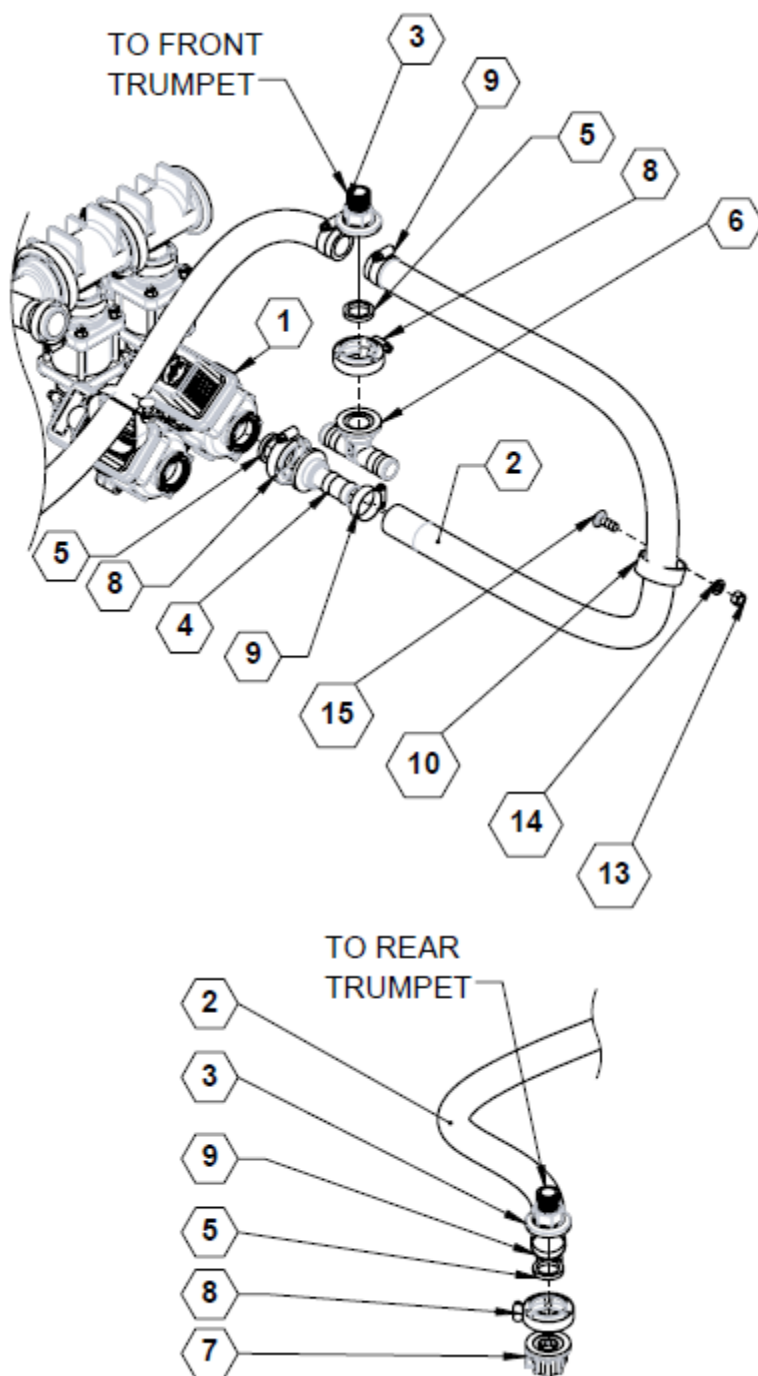
Parts List 632125: High Flow Flowmeter Breakdown

ITEM	DESCRIPTION	RAVEN P/N:
1	BODY, MOLDED, RFM-200p, FLOWMETER	106-0159-711
2	HUB/BEARING ASSEMBLY, UPSTREAM, RFM-200p	063-0173-581
3	RING, RETAINING, WIREFORM, RFM-200	335-0003-199
4	CLAMP, CABLE, PLASTIC, 1/4" x 1/2"	435-3002-017
5	SCREW, THREAD FORMING, #10-16 UNC x 3/8" LONG	310-0002-137
6	TURBINE, STUD/BEARING ASSEMBLY, RFM-200p	063-0159-575
7	TURBINE, FLOWMETER, 4 MAGNET, RFM-200p	063-0173-597
8	STUD, DOWNSTREAM, CUP BEARING, FLOWMETER	063-0173-744
9	SENSOR ASSEMBLY, EXTERNAL, DTM	063-0172-458
	SENSOR ASSEMBLY, EXTERNAL, DT	063-0172-447
	SENSOR ASSEMBLY, EXTERNAL, CON-X-ALL	063-0172-004
	SENSOR ASSEMBLY, EXTERNAL, METRI-PACK (JD)	063-0173-855

REF. KIT 117-0171-645 FOR ITEMS 3, 6, 7, & 8

See https://ravenindustries.mcoutput.com/assets/Content/Resources/PDF_SysDiagrams/054-0159-346-C.pdf

Agitation Hose & Fittings

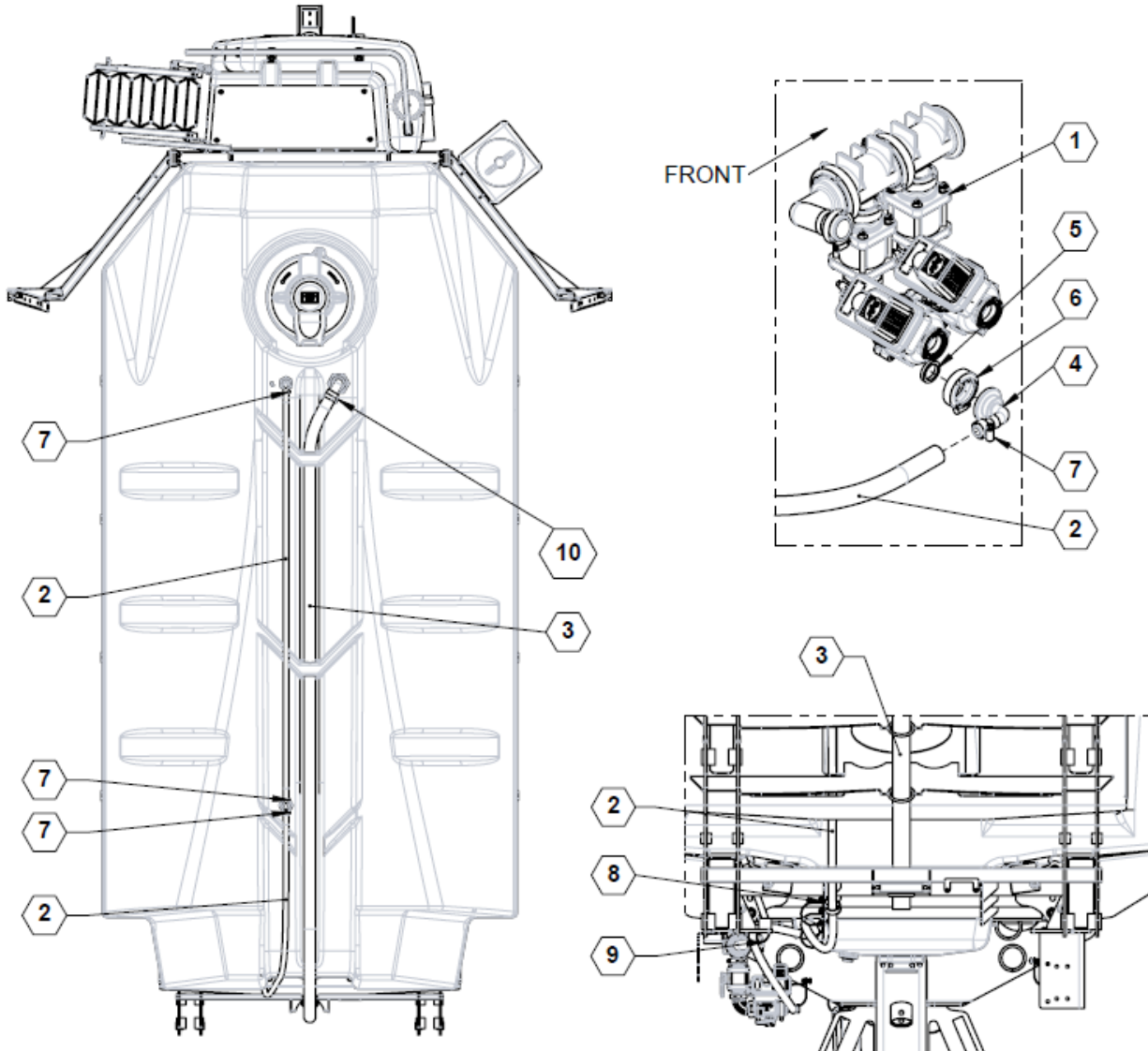


Parts List 36601: Agitation Hose & Fittings

ITEM	PART NO.	QTY.	DESCRIPTION
1	36630	1	DISTRIBUTION, AGITATION AND RINSE
2	510016	15	(FT) HOSE, 1IN EPDM
3	530062	3	FLANGE, 1" X 3/4" MALE THREAD
4	530066	1	FITTING, 1.00 MANIFOLD X 1.00 HB
5	530068	4	GASKET, 1.00 EPDM
6	530431	1	MANIFOLD FITTING X 1" HB TEE
7	530445	1	FLANGE SWEEP X 1 IN HB
8	540000	4	CLAMP, WORM SCREW, 1.00
9	540014	4	HOSE CLAMP, SS 1.00 #16
10	540051	1	P-CLAMP, 2" W/3/8" HOLE
11	540052	2	P-CLAMP, 3" W/3/8" HOLE
12	596128M	1	BOLT, HH 3/8-16 X 1 GR5 MAGNI
13	596213M	3	NUT, HEX 3/8-16 MAGNI
14	596250M	3	LOCKWASHER, 3/8 MAGNI
15	596592M	2	BOLT, CARRIAGE 3/8-16 X 1 MAGNI

See also: [3200 Gal. Tank with Fittings](#)

Rinse Hose & Fittings

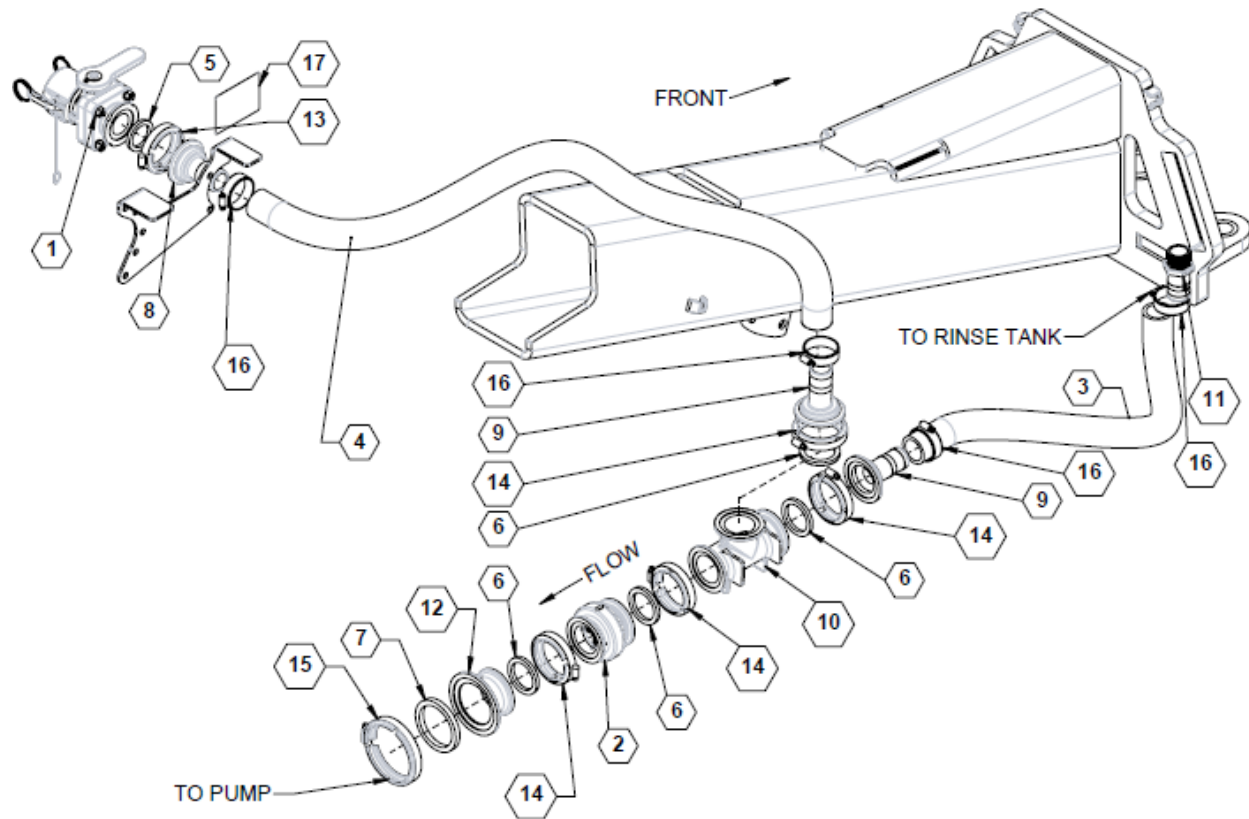


Parts List 36601: Rinse Hose & Fittings

ITEM	PART NO.	QTY.	DESCRIPTION
1	36630	1	DISTRIBUTION, AGITATION AND RINSE
2	510019	29	(FT) HOSE, 0.75IN EPDM
3	510025	17	(FT) HOSE, 2IN PVC SUCTION
4	530060	1	ELBOW, 1.00 FLANGE X .750 HB 90~
5	530068	1	GASKET, 1.00 EPDM
6	540000	1	CLAMP, WORM SCREW, 1.00
7	540013	4	HOSE CLAMP, SS .75 #12
8	540051	1	P-CLAMP, 2" W/3/8" HOLE
9	540052	1	P-CLAMP, 3" W/3/8" HOLE
10	540069	1	HOSE CLAMP, 2.00 T-BOLT
11	596128M	1	BOLT, HH 3/8-16 X 1 GR5 MAGNI
12	596213M	1	NUT, HEX 3/8-16 MAGNI
13	596250M	1	LOCKWASHER, 3/8 MAGNI

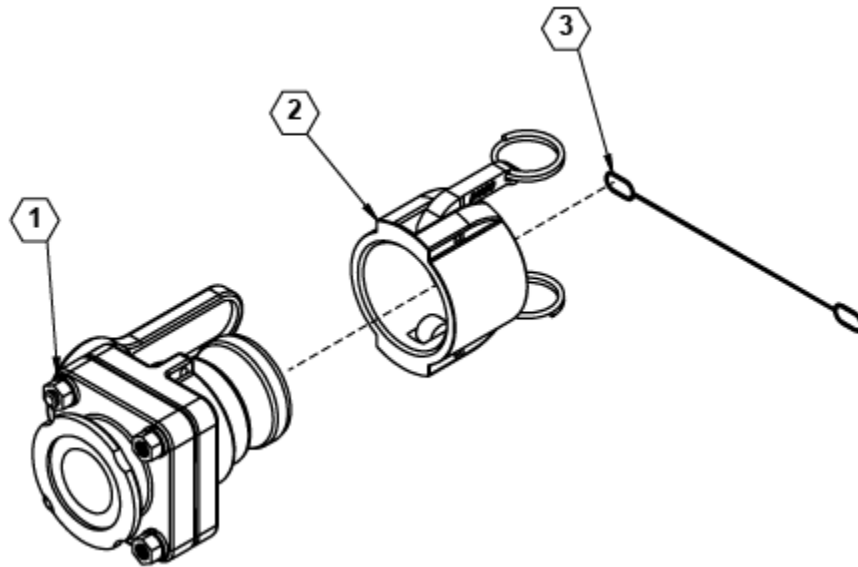
See also: [3200 Gal. Tank with Fittings](#)

Rinse Tank Quick Fill



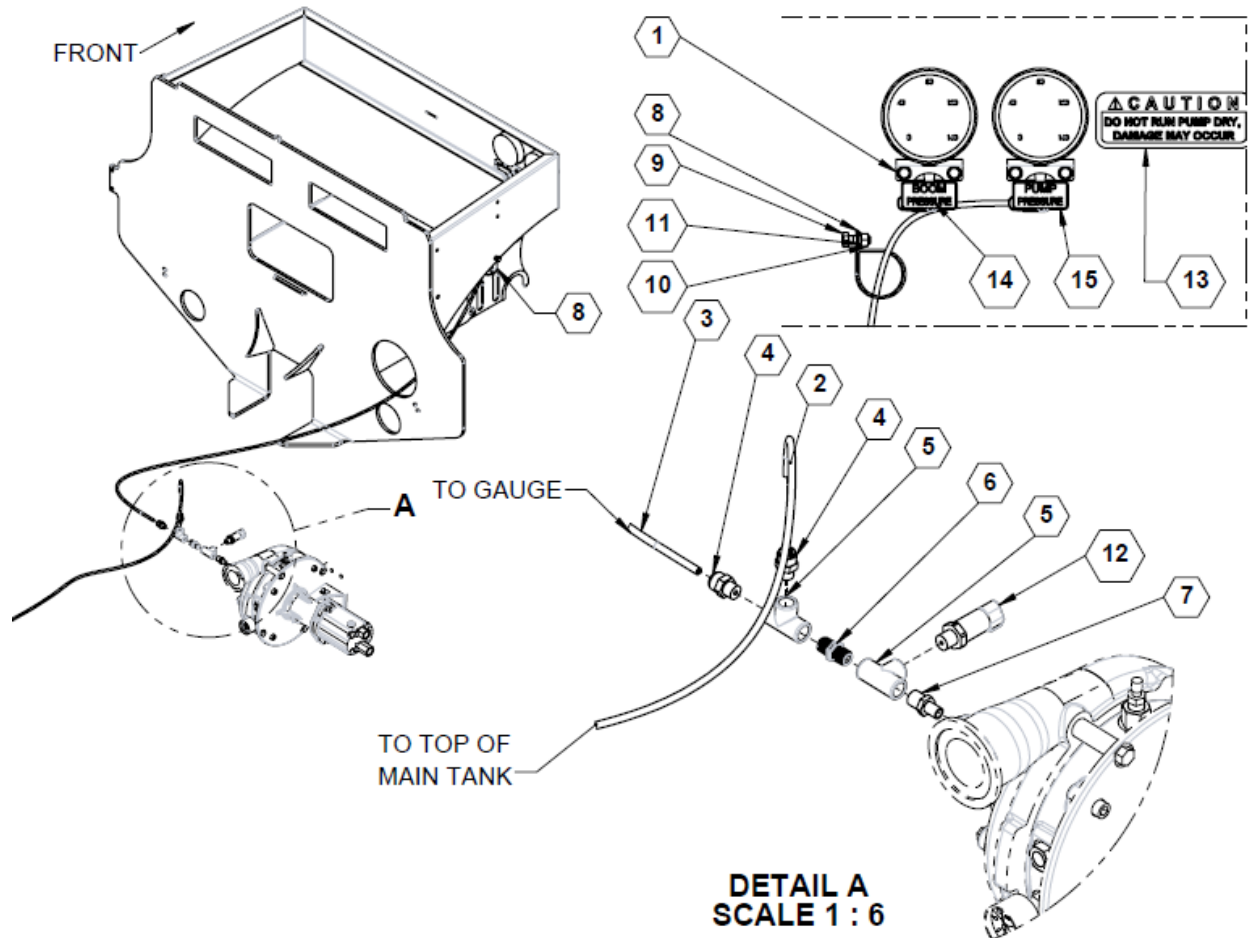
Parts List 36601: Rinse Tank Quick Fill

ITEM	PART NO.	QTY.	DESCRIPTION
1	90SARTQF	1	SUB-ASSY, RINSE TANK QUICK FILL
2	500003	1	VALVE, CHECK 220 1NO. SPRING
3	510002	3	(FT) HOSE, 1.5IN SUCTION
4	510002	4	(FT) HOSE, 1.5IN SUCTION
5	530014	1	GASKET, 1.500 EPDM
6	530019	4	GASKET, 2.00 EPDM
7	530024	1	GASKET, 3" EPDM
8	530079	1	MANIFOLD FLANGE, 2" X 1-1/2" HB
9	530100	2	MANIFOLD FLANGE, 2" FP X 1-1/2" HB
10	530110	1	MANIFOLD TEE, 2"
11	530256	1	1 1/4"MPT X 1 1/2" STRAIGHT HOSE BARB
12	530316	1	MANIFOLD REDUCER 3" X 2" CPLR
13	540001	1	CLAMP, 2.00 STD WORM SCREW
14	540002	4	CLAMP, FP WORM SCREW, 2.00
15	540003	1	CLAMP, 3INCH WORM SCREW
16	540079	4	CLAMP, HOSE, PRESSURE SEAL HD, 1.62-2.12"
17	800017	1	DECAL, MAIN TANK VALVE OPERATION

Quick Fill Valve, 2"**Parts List 90SARTQF: Quick Fill Valve, 2"**

ITEM	PART NO.	QTY.	DESCRIPTION
1	500037	1	VALVE 2" POLY SHORT FLANGE
2	530017	1	CAP, 2"
3	530179	1	CABLE LANYARD 12"

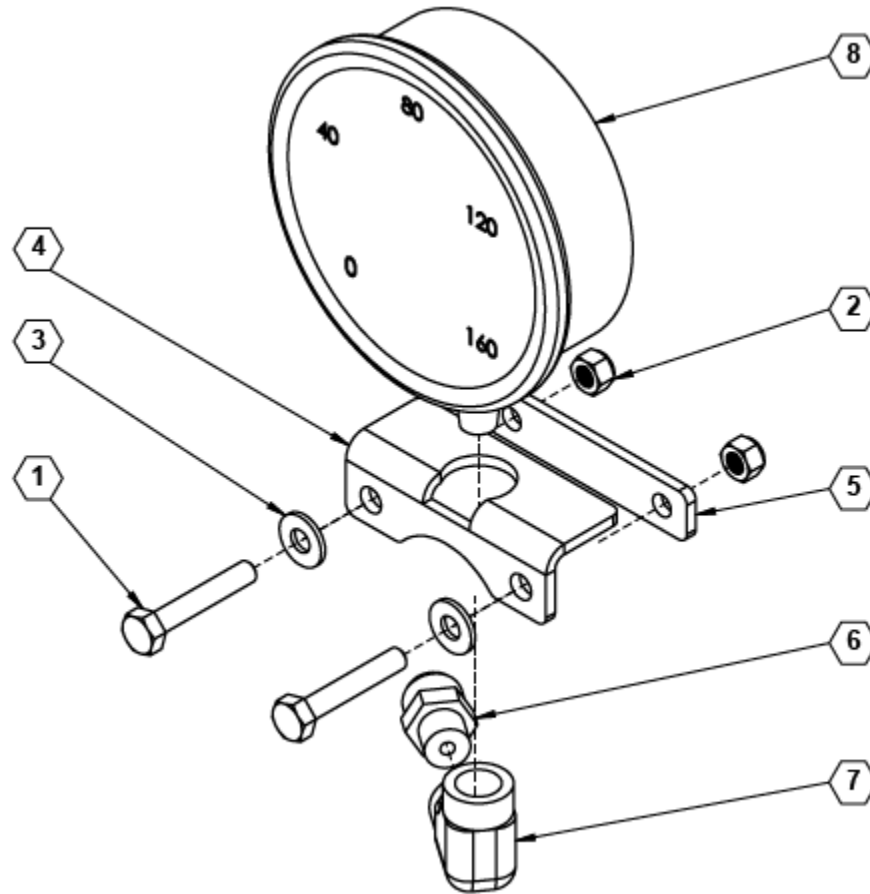
Pressure Gauges & Sensing



Parts List 36601: Pressure Gauges & Sensing

ITEM	PART NO.	QTY.	DESCRIPTION
1	90SAFPGA	2	FRONT PRESSURE GAUGE ASSY
2	510023	29	(FT) TUBING, 0.25IN POLY
3	510023	7	(FT) TUBING, 0.25IN POLY
4	530001	2	MALE CONNECTOR, 1/4" X 1/4"
5	530400	2	TEE 1/4" FPT, POLY
6	530401	1	NIPPLE, 1/4 MPT x 1/4 MPT, POLY
7	530543	1	REDUCER NIPPLE, 1/4 X 1/8 MPT
8	540051	1	P-CLAMP, 2" W/3/8" HOLE
9	596128M	1	BOLT, HH 3/8-16 X 1 GR5 MAGNI
10	596213M	1	NUT, HEX 3/8-16 MAGNI
11	596250M	1	LOCKWASHER, 3/8 MAGNI
12	632036	1	TRANSDUCER, PRESSURE
13	800282	1	DECAL, DO NOT RUN PUMP DRY. ENGLISH
14	800340	1	DECAL, BOOM PRESSURE
15	800370	1	DECAL, PUMP PRESSURE

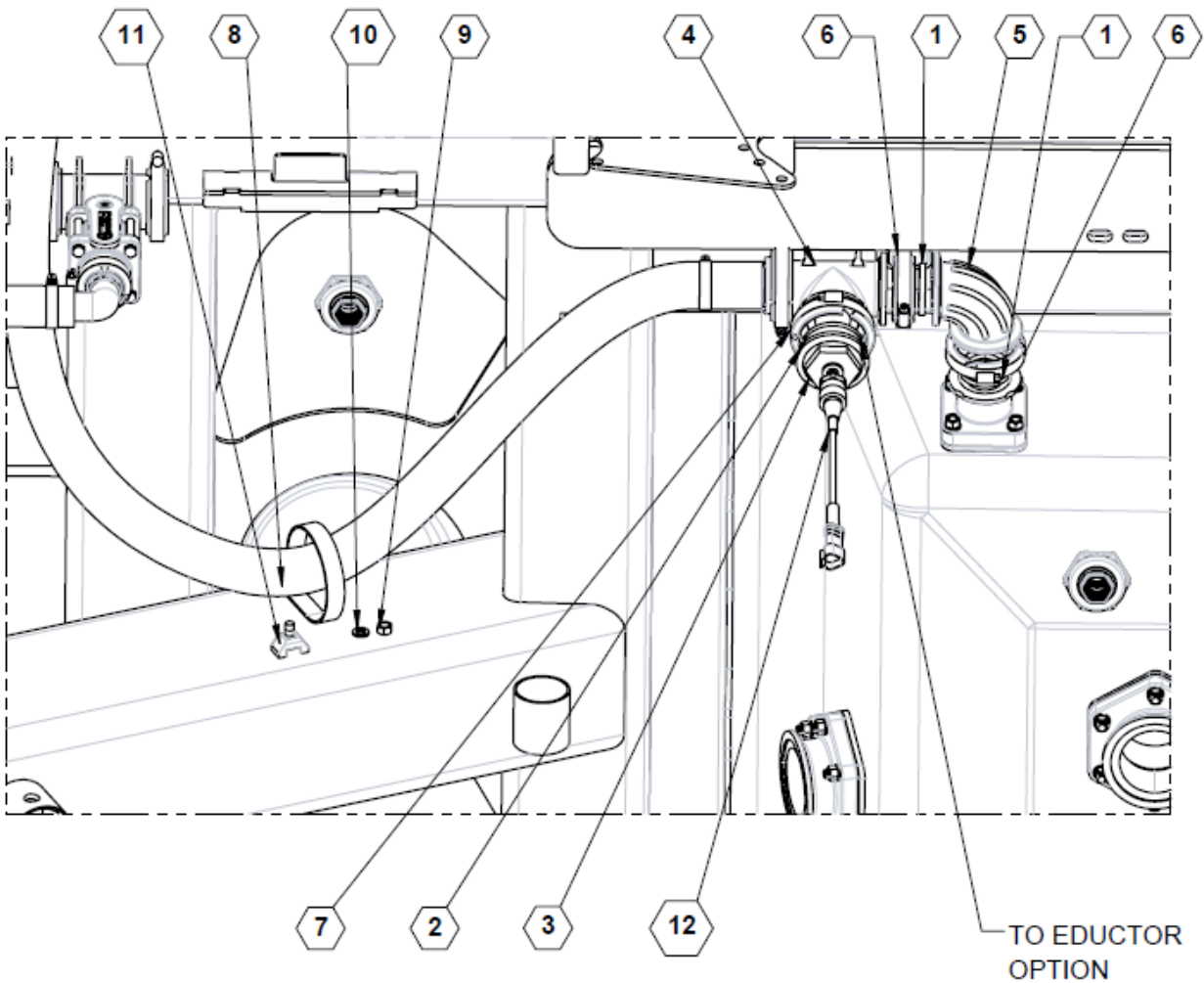
Pressure Gauge



Parts List 90SAFPGA: Pressure Gauge

ITEM	PART NO.	QTY.	DESCRIPTION
1	103	2	BOLT, HH 1/4-20X1-1/2 GR5 ZP
2	227	2	NYLOCK NUT 1/4-20 ZP
3	256	2	WASHER, FLAT, 1/4 ZINC
4	11758	1	BRACKET, PRESSURE GAUGE
5	11786	1	GAUGE STRAP
6	530001	1	MALE CONNECTOR, 1/4" X 1/4"
7	610006	1	1/4" PIPE ELBOW 90 DEGREE SS
8	790020	1	GAUGE, FAST LOGO 160PSI

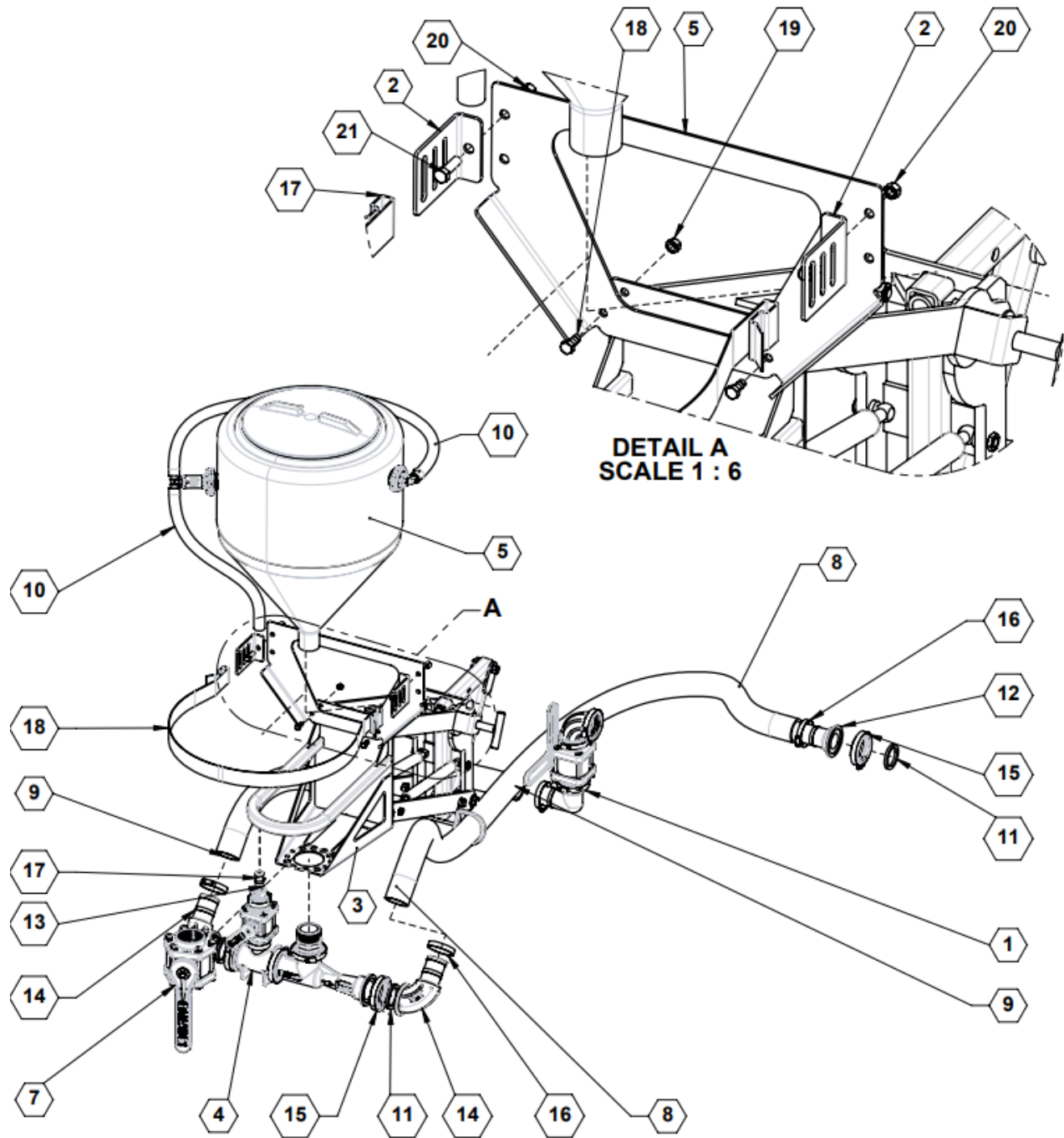
Eductor Supply and Hillside Pressure Compensation

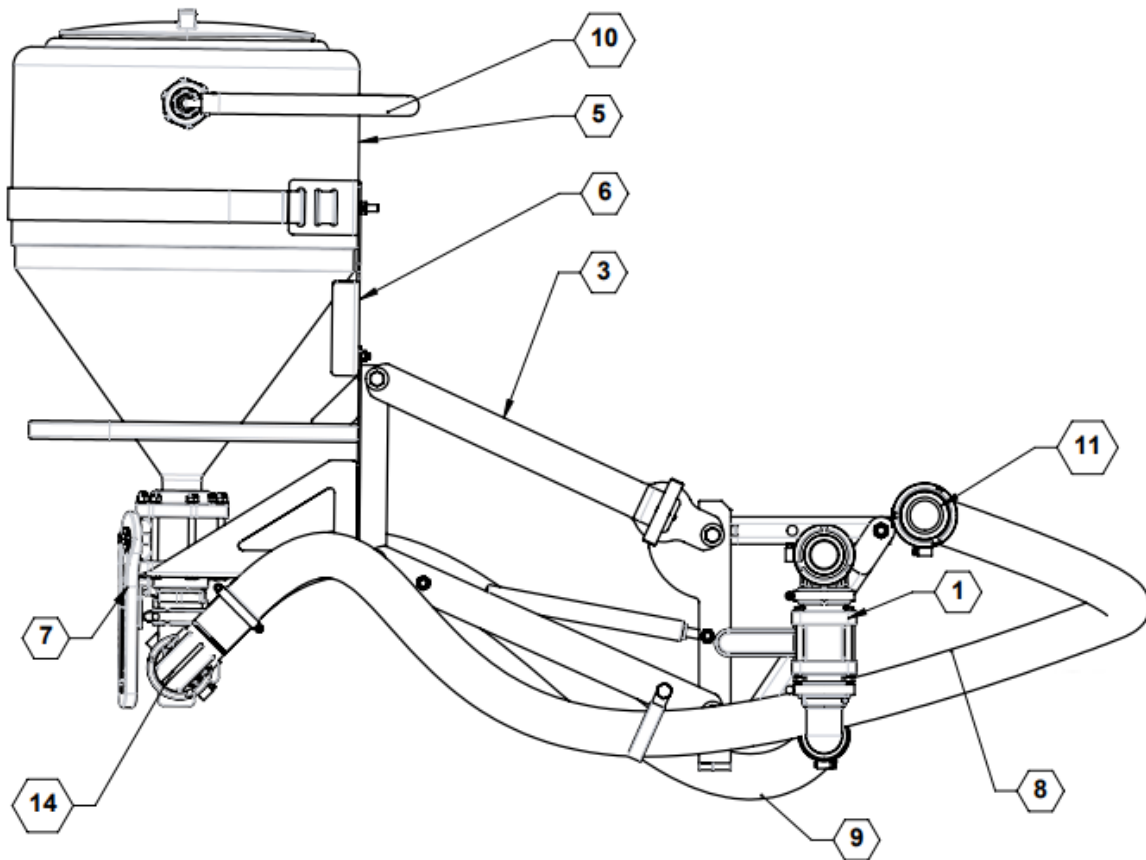


Parts List 36601: Eductor Supply and Hillside Pressure Compensation

ITEM	PART NO.	QTY.	DESCRIPTION
1	530014	2	GASKET, 1.500 EPDM
2	530019	1	GASKET, 2.00 EPDM
3	530094	1	PLUG, MANIFOLD 2.00 W/ HOLE
4	530097	1	MANIFOLD TEE, 2"
5	530393	1	MANIFOLD SWEEP, 2" STD X 2" STD 90~
6	540001	2	CLAMP, 2.00 STD WORM SCREW
7	540002	1	CLAMP, FP WORM SCREW, 2.00
8	540053	1	P-CLAMP, 4" W/3/8" HOLE
9	596213M	1	NUT, HEX 3/8-16 MAGNI
10	596250M	1	LOCKWASHER, 3/8 MAGNI
11	596592M	1	BOLT, CARRIAGE 3/8-16 X 1 MAGNI
12	632097	1	KIT, PRESSURE TRANSDUCER

Eductor Option – 15 Gal.

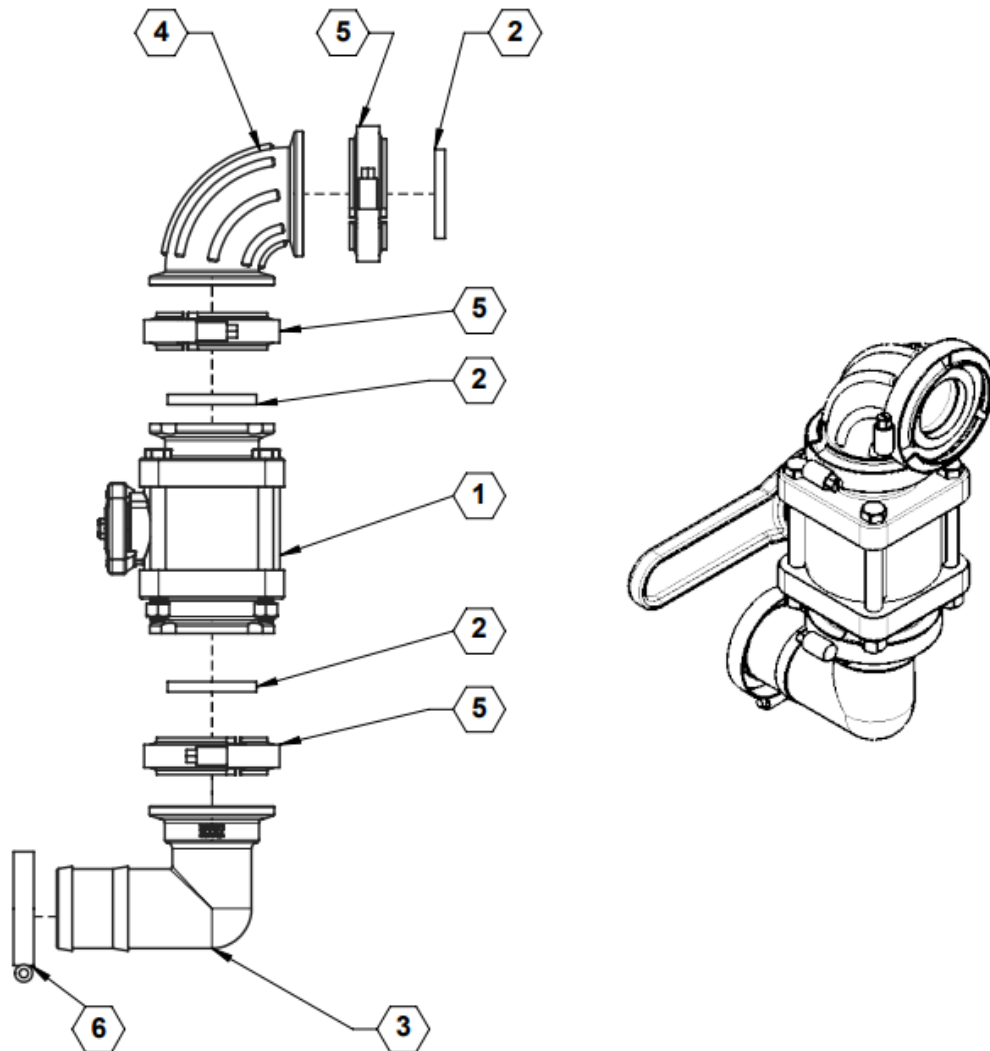




Parts List 34400: Eductor Option – 15 Gal.

ITEM	PART NO.	QTY.	DESCRIPTION
1	90SARAE2	1	ASSEMBLY, BANK END TAKEOFF
2	3071	2	BUCKLE, 2" STRAP
3	34300	1	ASSEMBLY, EDUCTOR LIFT
4	36195	1	ASSEMBLY, EDUCTOR BASE 2.0 FPT
5	36196	1	ASSEMBLY, EDUCTOR WITH FITTINGS
6	36197	1	PLATE, EDUCTOR STRAP BRACKET
7	500011	1	VALVE, 2IN FPT X 2IN PORT POLY
8	510017	8	(FT) HOSE, 2.0" EPDM
9	510017	4	(FT) HOSE, 2.0" EPDM
10	510019	6	(FT) HOSE, 1/2" EPDM
11	530019	3	GASKET, 2.00 EPDM
12	530103	1	FITTING, 2.00 FP FLANGE X 2.00 HB, POLY
13	530299	1	HOSE BARB, 1/2" MPT X 3/4" BARB
14	530334	2	2" FP PLANGE X HOSE SHK SWEEP
15	540002	3	CLAMP, FP WORM SCREW, 2.00
16	540018	3	CLAMP, 2-3/4" SS
17	540032	1	HOSE CLAMP, 5/16 #5 SS
18	580004	4.6	(FT) STRAP, 1.75IN NYLON WEBBING
19	596114M	2	BOLT, HH 5/16-18X3/4 GR5 MAGNI
20	596236M	2	NUT, CENTERLOCK, 5/16-18 MAGNI
21	596237M	2	NUT, CENTERLOCK 3/8-16 MAGNI
22	596635M	2	BOLT, HH 3/8-16 x 1-1/4 MAGNI

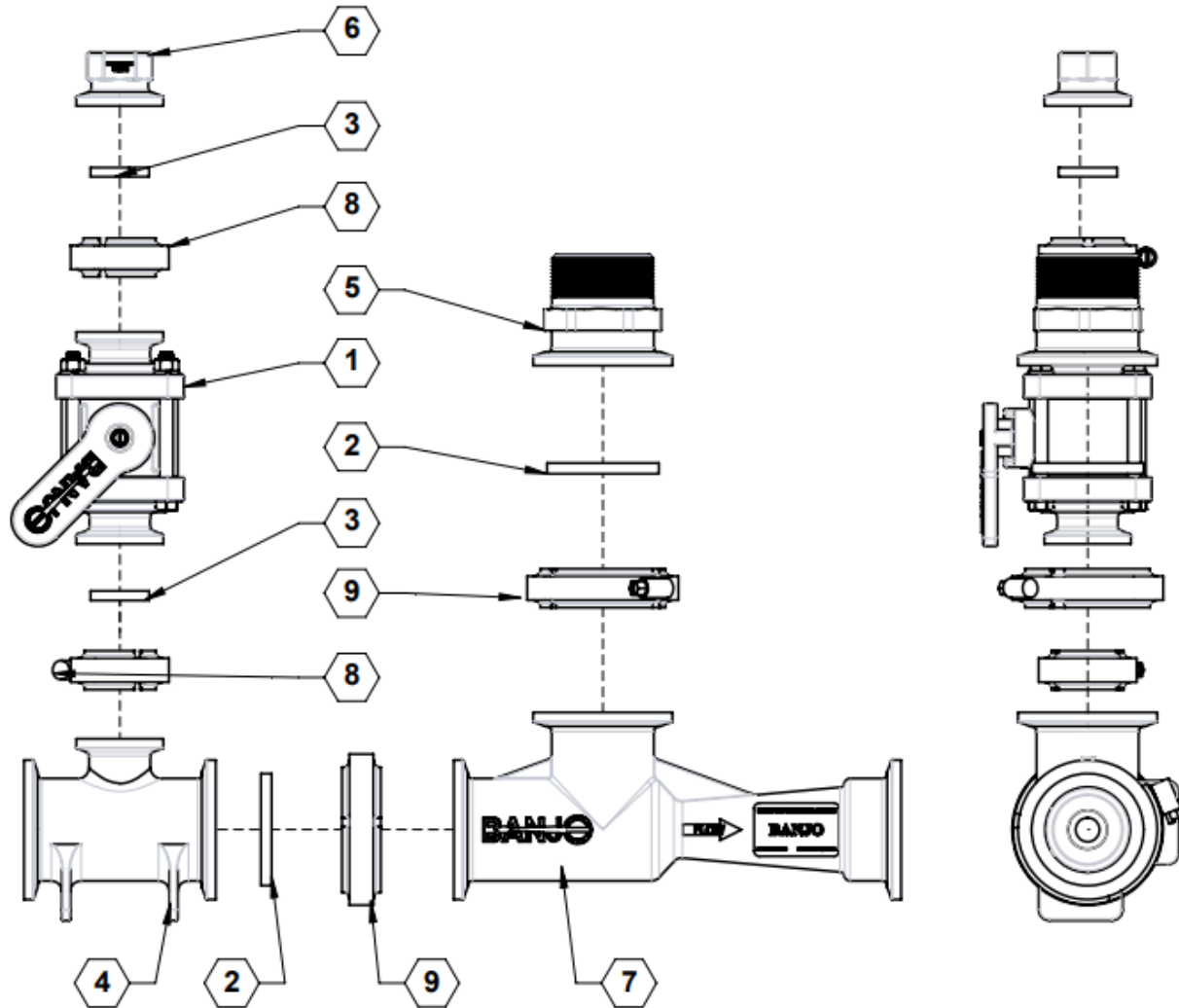
Distribution Bank End Takeoff



Parts List 90SARAE2: Distribution Bank End Takeoff

ITEM	PART NO.	QTY.	DESCRIPTION
1	500039	1	VALVE, MANIFOLD, 2.00 STD. PORT, 4 BOLT, POLY
2	530014	3	GASKET, 1.500 EPDM
3	530083	1	FLANGE, 2" X 2" 90 ° HB ELBOW
4	530393	1	MANIFOLD SWEEP, 2" STD X 2" STD 90~
5	540001	3	CLAMP, 2.00 STD WORM SCREW

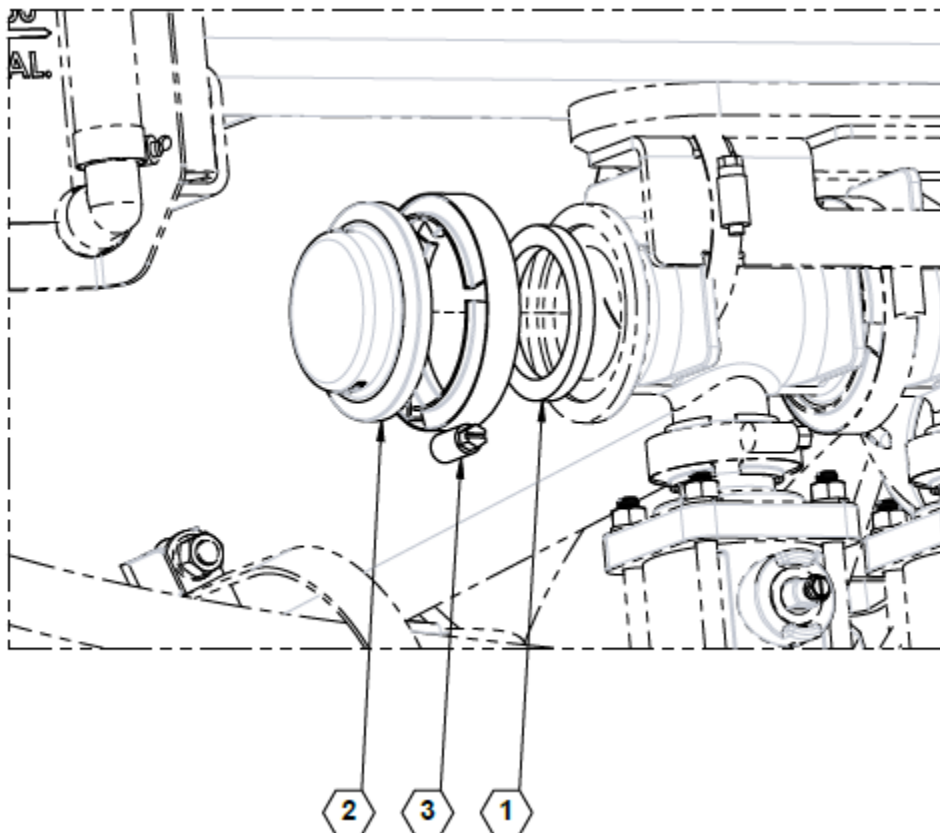
Eductor Base, 2.0 FPT



Parts List 36195: Eductor Base, 2.0 FPT

ITEM	PART NO.	QTY.	DESCRIPTION
1	500005	1	VALVE, 1" FP WITH C-FLANGE
2	530019	2	GASKET, 2.00 EPDM
3	530068	2	GASKET, 1.00 EPDM
4	530099	1	MANIFOLD, 2" FP X 1" FLANGE TEE
5	530108	1	2" MANIFOLD X 2" FP MPT
6	530265	1	FITTING, 1.00 MANIFOLD X .50 FPT
7	530551	1	2IN FP VENTURI TEE W-3/4IN
8	540000	2	CLAMP, WORM SCREW, 1.00
9	540002	2	CLAMP, FP WORM SCREW, 2.00

Eductor Option – None

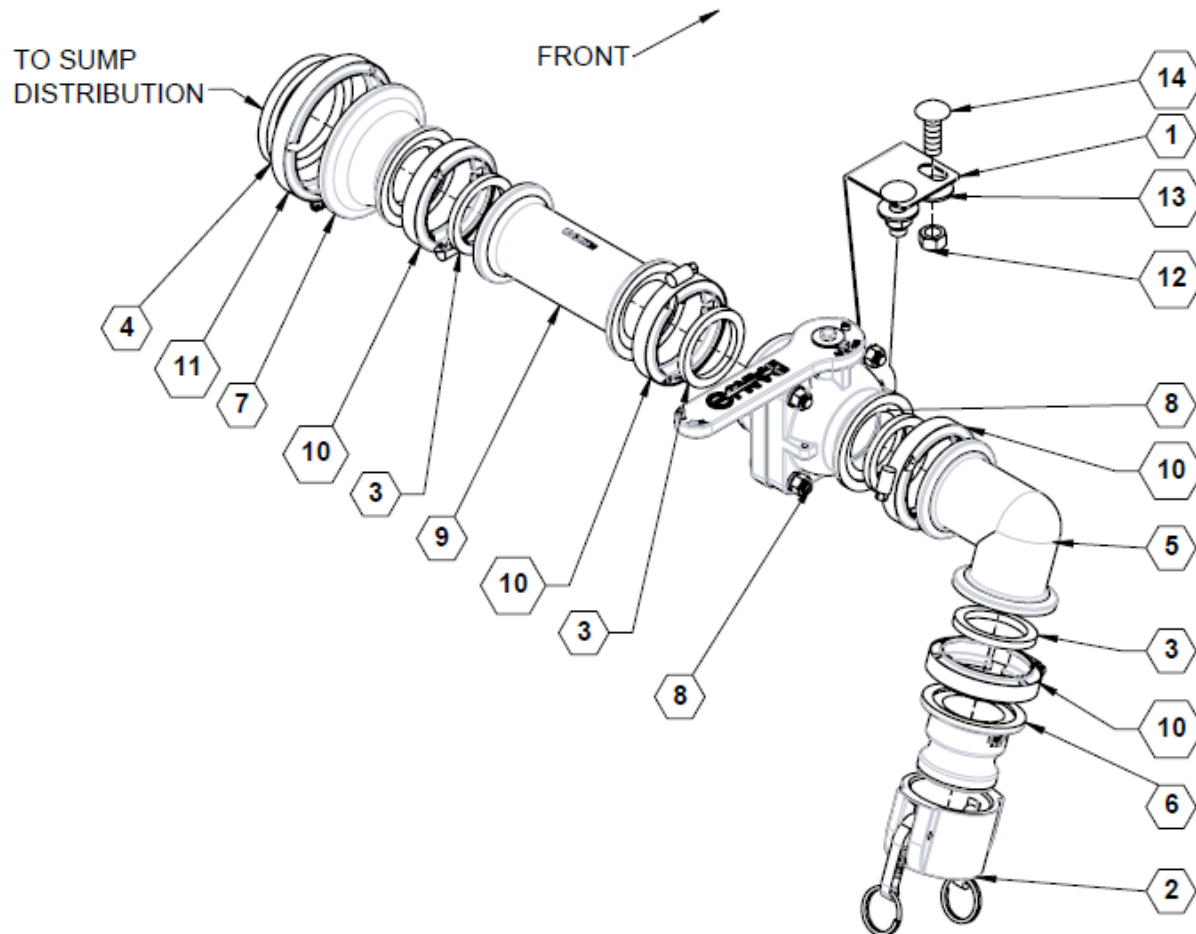


Parts List 36687: Eductor Option – None

ITEM	PART NO.	QTY.	DESCRIPTION
1	530019	1	GASKET, 2.00 EPDM
2	530109	1	2" FULL PORT FLANGE CAP
3	540002	1	CLAMP, FP WORM SCREW, 2.00

See also: [Distribution, Agitation & Rinse](#)

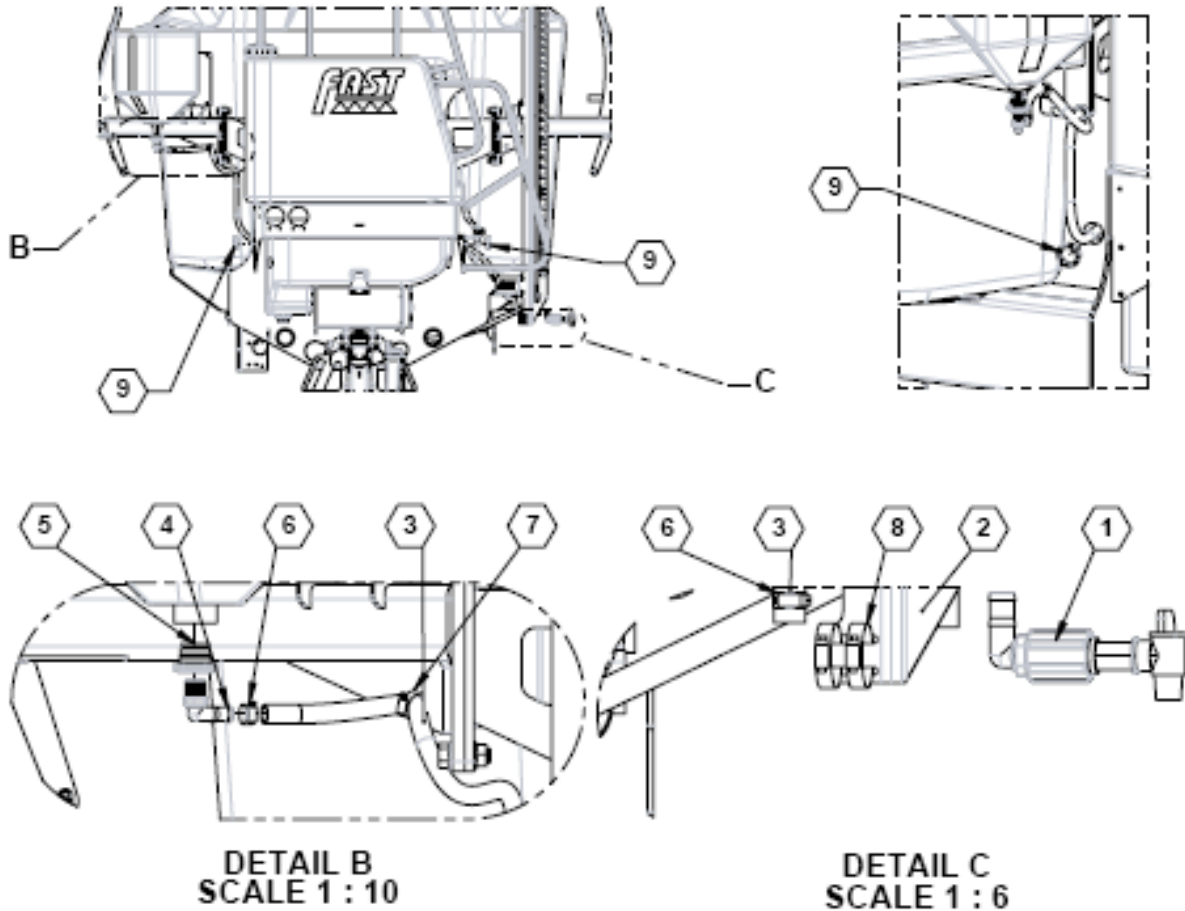
Main Tank Discharge



Parts List 36601: Main Tank Discharge

ITEM	PART NO.	QTY.	DESCRIPTION
1	36198	1	PLATE, BOLTED DISCHARGE BRACKET
2	530017	1	CAP, 2"
3	530019	4	GASKET, 2.00 EPDM
4	530024	1	GASKET, 3" EPDM
5	530106	1	MANIFOLD COUPLING 90° 2" FP
6	530271	1	ADAPTER, 2" FP X 2" MALE
7	530316	1	MANIFOLD REDUCER 3" X 2" CPLR
8	530327	1	MANIFOLD, VALVE, 2" FP STUBBY
9	530454	1	2" X 2" LONG PORT MANIFOLD
10	540002	4	CLAMP, FP WORM SCREW, 2.00
11	540003	1	CLAMP, 3INCH WORM SCREW
12	596239M	3	NUT, CENTERLOCK, 1/2-13 MAGNI
13	596260M	3	WASHER, FLAT 1/2 MAGNI
14	596620M	3	CB, 1/2 X 1-1/2 GR5 MAGNI

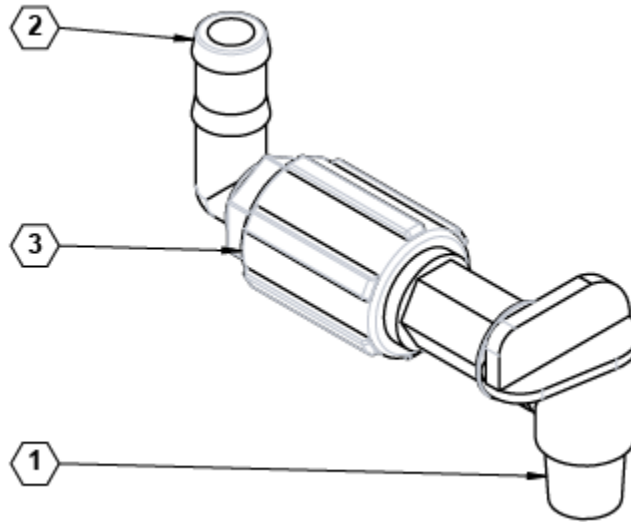
Hand Wash Hose & Fittings



Parts List 36601: Hand Wash Hose & Fittings

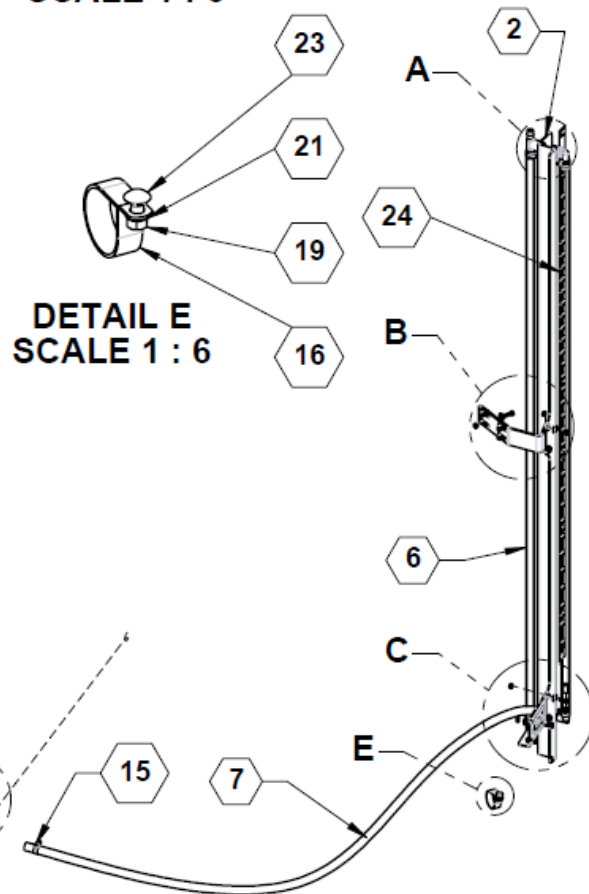
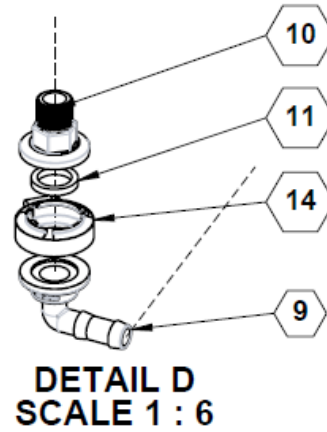
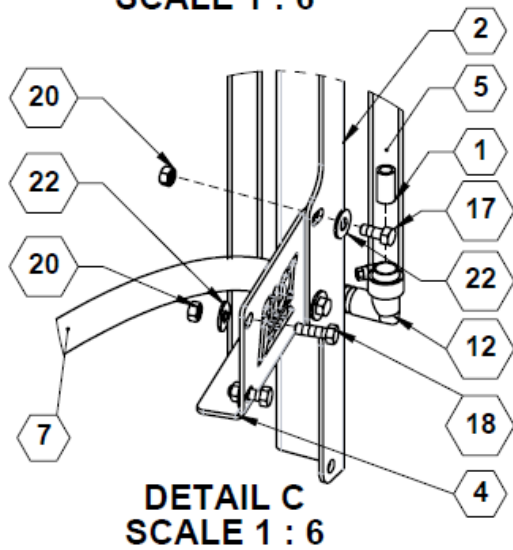
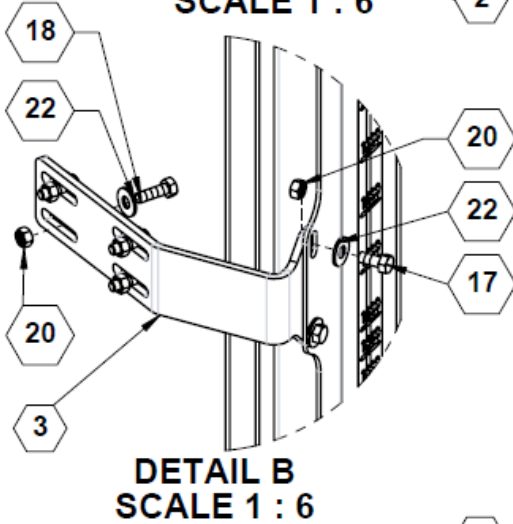
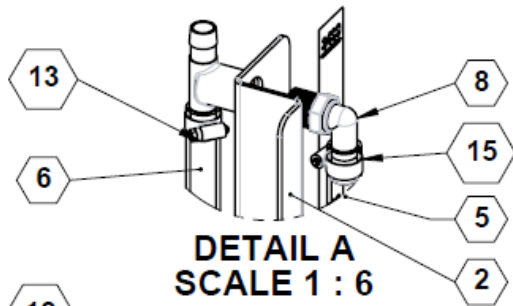
ITEM	PART NO.	QTY.	DESCRIPTION
1	90SARNSEFAUCET90	1	SUB-ASSY, RINSE FAUCET, 90 ELBOW 3/4
2	36629	1	ASSY, SIGHT GAUGE S32
3	510006	9	(FT) HOSE, 0.75IN CLEAR
4	530040	1	HOSE SHANK, 3/4" MPT X 3/4" HB 90~
5	530143	1	BUSHING, REDUCER 1-1/4 X 3/4
6	540013	2	HOSE CLAMP, SS .75 #12
7	540014	1	HOSE CLAMP, SS 1.00 #16
8	540016	2	CLAMP, SS 1.500 #24
9	540119	2	GROMMET, 1.86ID, PUSH LOCK, NYLON

See also: [Main, Rinse, and Handwash Tank](#)

Hand Wash Rinse Faucet**Parts List 90SARNSEFAUCET90: Hand Wash Rinse Faucet**

ITEM	PART NO.	QTY.	DESCRIPTION
1	510022	1	FAUCET, 3/4" FLO-RITE, CLEAR
2	530040	1	FITTING, 3/4" MPT X 3/4" HB 90 ELBOW
3	530235	1	COUPLER, 3/4" POLY PIPE

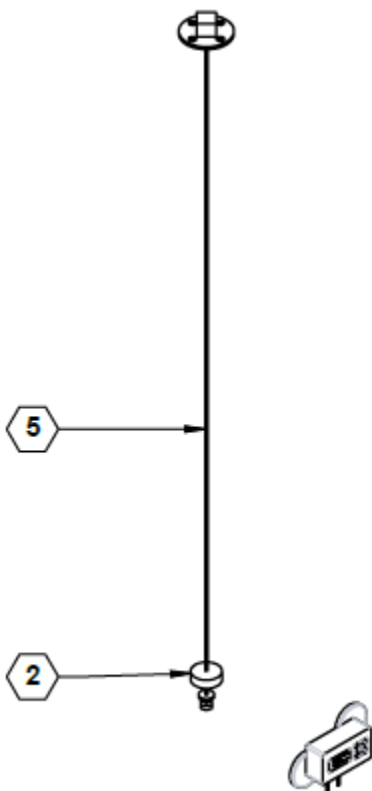
Sight Gauge, Manual – 3200 Gal.



Parts List 36629: Sight Gauge, Manual – 3200 Gal.

ITEM	PART NO.	QTY.	DESCRIPTION
1	36296	1	TUBE, SIGHT GAUGE VISUAL RETAINER
2	36631	1	PLATE, GAUGE VERTICAL
3	36678	1	PLATE, GAUGE TOP
4	36679	1	PLATE, GAUGE BOTTOM SIGN
5	510006	76	(IN) HOSE VINYL CLEAR 3/4"
6	510006	80	(IN) HOSE VINYL CLEAR 3/4"
7	510019	75	(IN) HOSE 3/4" EPDM
8	530040	1	HOSE SHANK, 3/4" MPT X 3/4" HB 90~
9	530060	1	ELBOW, 1" FLANGE X 3/4" HB 90~
10	530062	1	FLANGE, 1" X 3/4" MALE THREAD
11	530068	1	GASKET, 1.00 EPDM
12	530214	1	HOSE BARB ELBOW, 3/4" X 3/4"
13	530220	1	TEE, .75 FPT X .75 HB X .75 HB
14	540000	1	CLAMP, WORM SCREW, 1.00
15	540013	5	HOSE CLAMP, SS .75 #12
16	540051	1	P-CLAMP, 2" W/3/8" HOLE
17	596114M	4	BOLT, HH 5/16-18X3/4 GR5 MAGNI
18	596115M	6	BOLT, HH 5/16-18 X 1 GR5 MAGNI
19	596213M	1	NUT, HEX 3/8-16 MAGNI
20	596236M	10	NUT, CENTERLOCK, 5/16-18 MAGNI
21	596250M	1	LOCKWASHER, 3/8 MAGNI
22	596257M	10	WASHER, FLAT 5/16 USS MAGNI
23	596592M	1	BOLT, CARRIAGE 3/8-16 X 1 MAGNI
24	800371	1	DECAL, 3200-GAL LEVEL

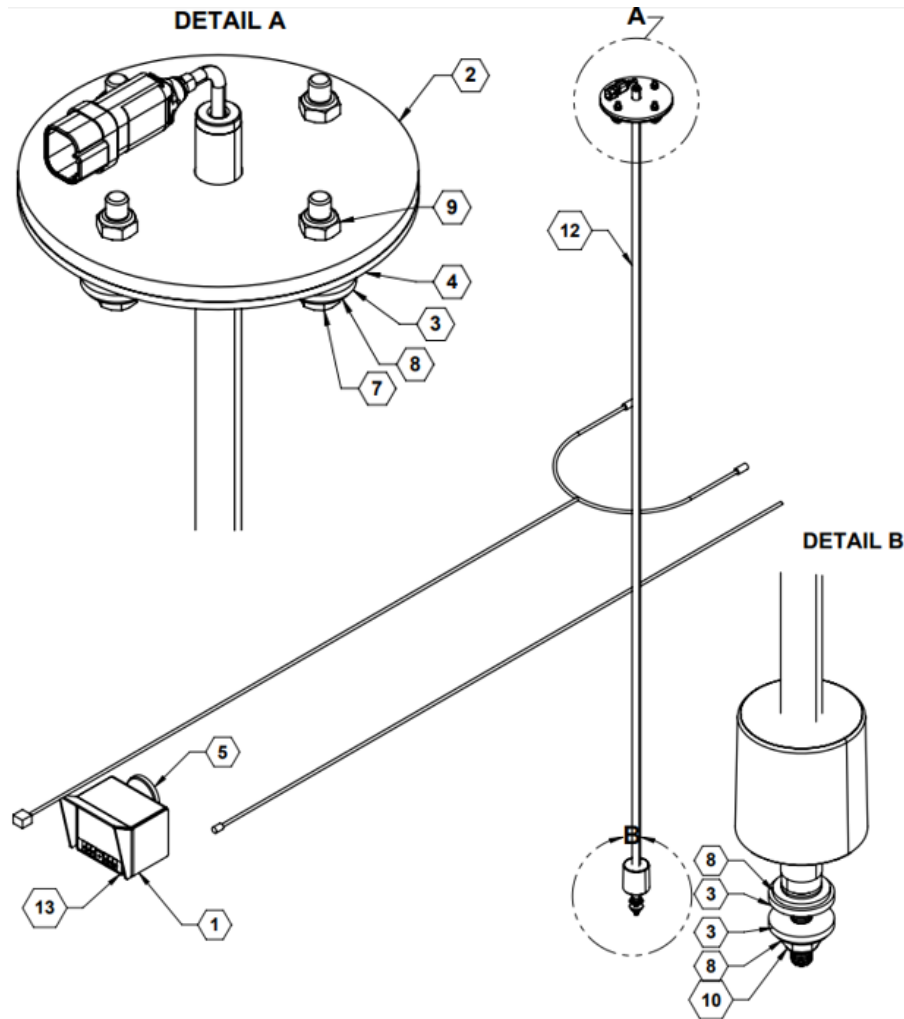
Sight Gauge, Electric, Mueller



Parts List 99SGAE3200FS: Sight Gauge, Electric, Mueller

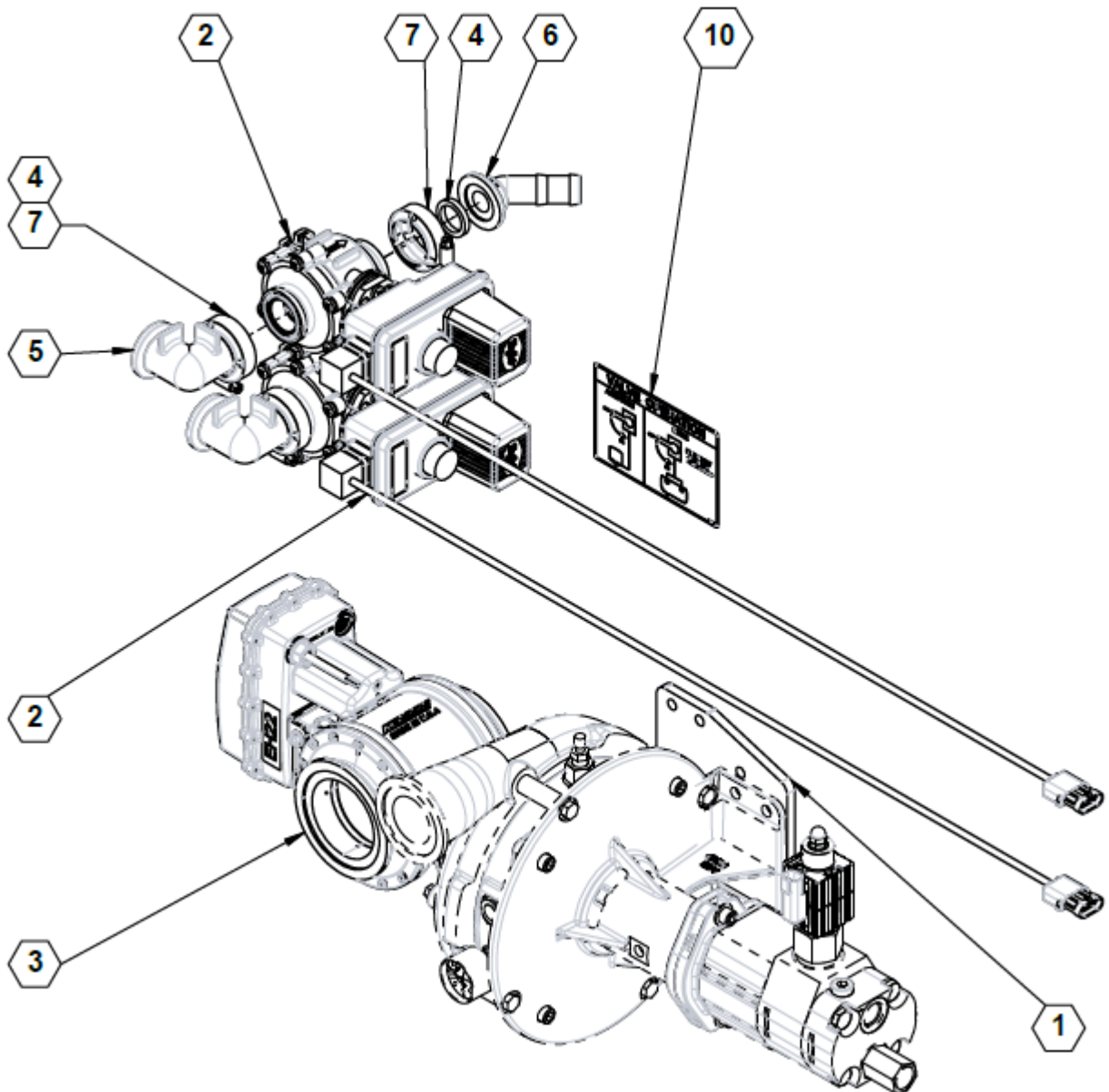
ITEM	PART NO.	QTY.	DESCRIPTION
1	959	1	MANUAL, ELECTRONIC SIGHT GAUGE
2	560067	1	MAGNET, 3-1/8 OD, 7/32 MOUNT
3	632150	1	HARNESS, POWER, SIGHT GAUGE
5	632224	1	SENSOR, ELEC. SIGHT 3200

Sight Gauge, Electric, Rota



Parts List 37976: Sight Gauge, Electric, Rota

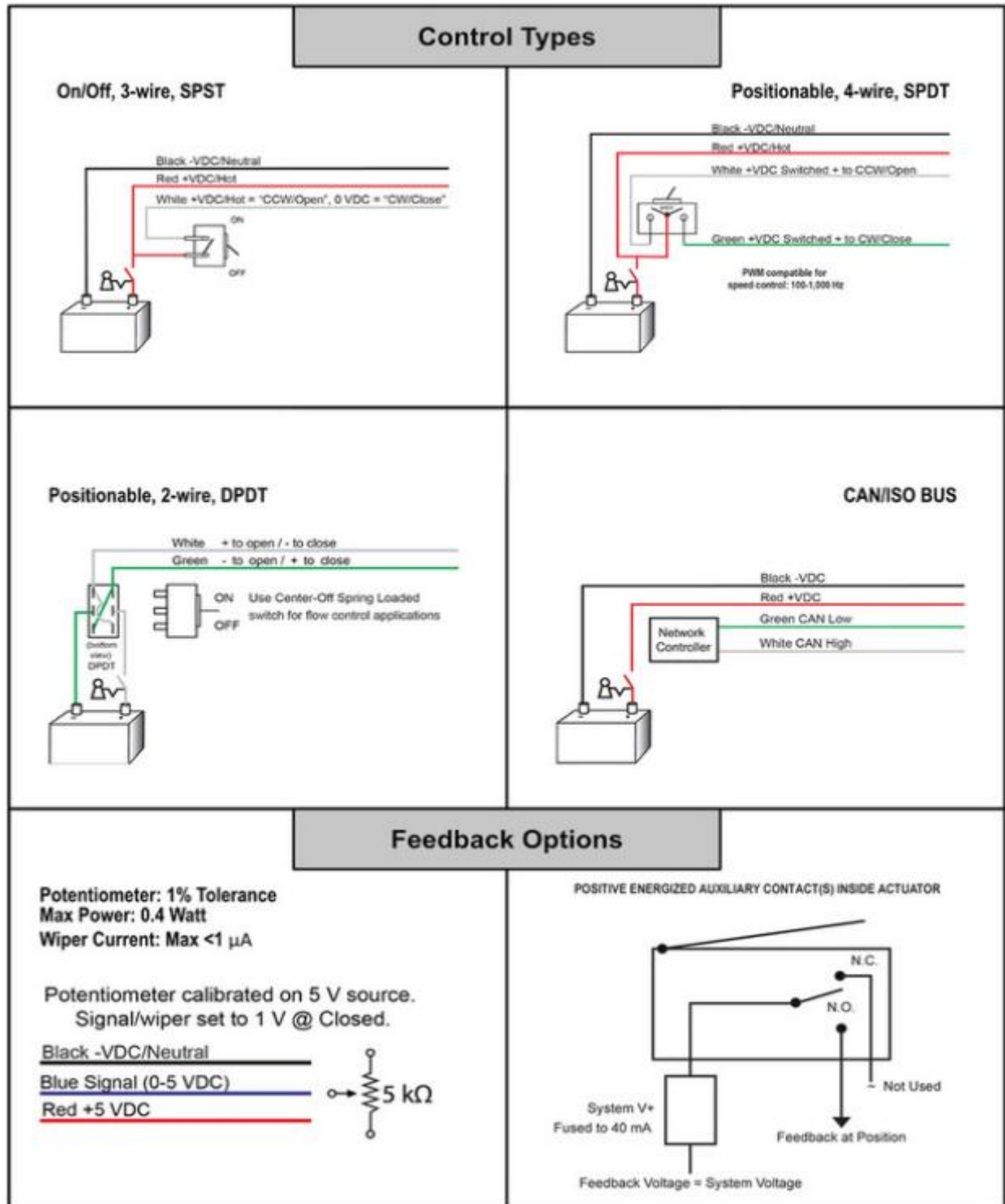
ITEM	PART NO.	QTY.	DESCRIPTION
1	37973	1	WELDMENT, ROTA TANK SENSOR HOUSING
2	37977	1	PLATE, FLANGE, ROTA SENSOR
3	530520	6	GASKET, 5/16 BOLT"
4	530521	1	GASKET, COVER
5	560067	2	MAGNET, 3-1/8 OD, 7/32 MOUNT
6	590274	2	NUT NYLON 10-24 SS18-8
7	590424	4	BOLT, HH 5/16-18X1-1/2 FULL THREAD 304 SS
8	590425	6	WASHER, FLAT 5/16 SS
9	590426	4	NUT, NYLOCK, THIN, 5/16-18, 316 SS
10	590477	1	NUT, NYLOCK, M8-1.25, SS
11	590479	2	SCREW PHIL 10-24 X 3/4 SS18-8
12	632238	1	SENSOR, ROTA, 3200 TANK LEVEL
13	632247	1	KIT, ELECT. SIGHT GAUGE DISPLAY



Parts List 99FSEVO: 3-Way Electric Selector Valve

ITEM	PART NO.	QTY.	DESCRIPTION
1	18305	1	PLATE, ADAPTER, ACE OASIS PUMP
2	500064	2	VALVE, 356 SERIES ON/OFF ELEC. AGITATION
3	500080	1	VALVE, 3" 3-WAY ACTUATED
4	530068	4	GASKET, 1.00 EPDM
5	530362	2	FITTING, 1" MANIFOLD 90° ELBOW
6	530426	2	ELBOW 45, 1.00 FLANGE X 1.00 HB
7	540000	4	CLAMP, WORM SCREW, 1.00
8	632155	1	CAB BOX, ELECTRIC RINSE & AGITATE
9	632156	1	HARNESS, ELECTRIC RINSE & AGITATE
10	800016	1	DECAL, MAIN TANK VALVE OPERATION

3-Way Electric Selector Schematic (500080)

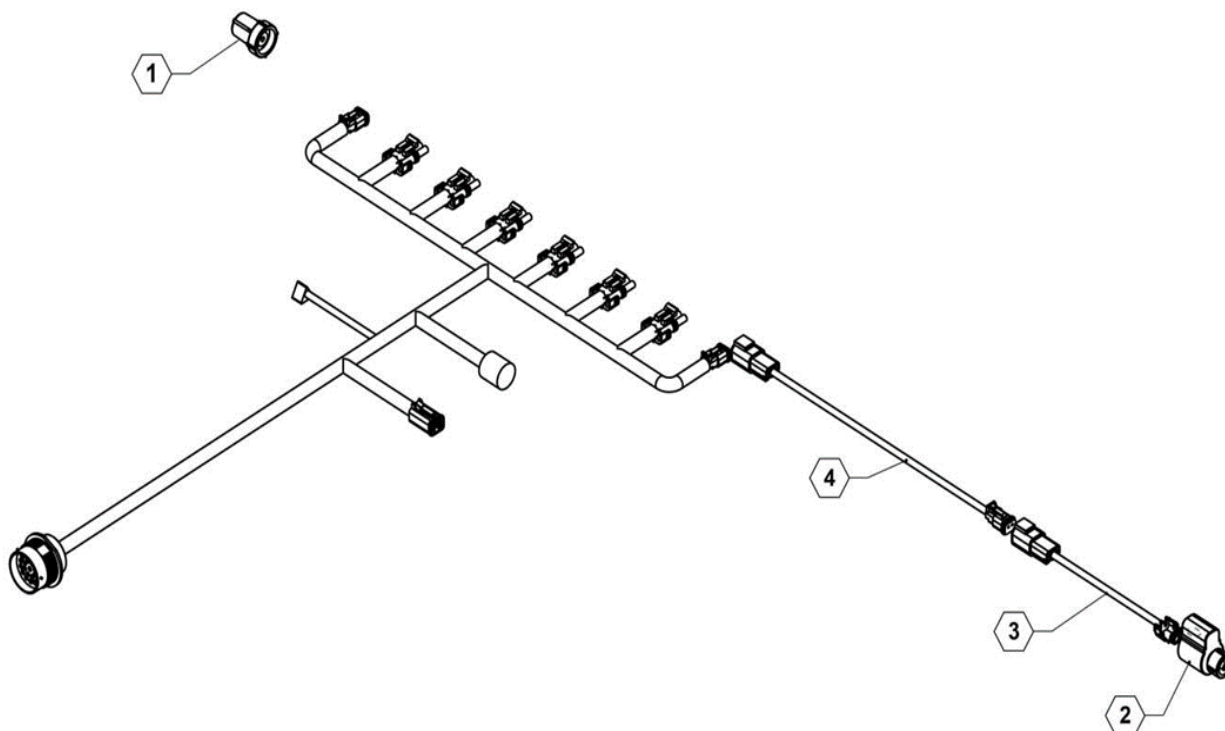


See also: [Parts List 500080](#) and https://view.publitas.com/kzvalve/kzvalve_catalog

Fenceline Nozzles – Single, Display Control

NOTE:

1. FOR USE WITH RAVEN RCM AND JD RC2000



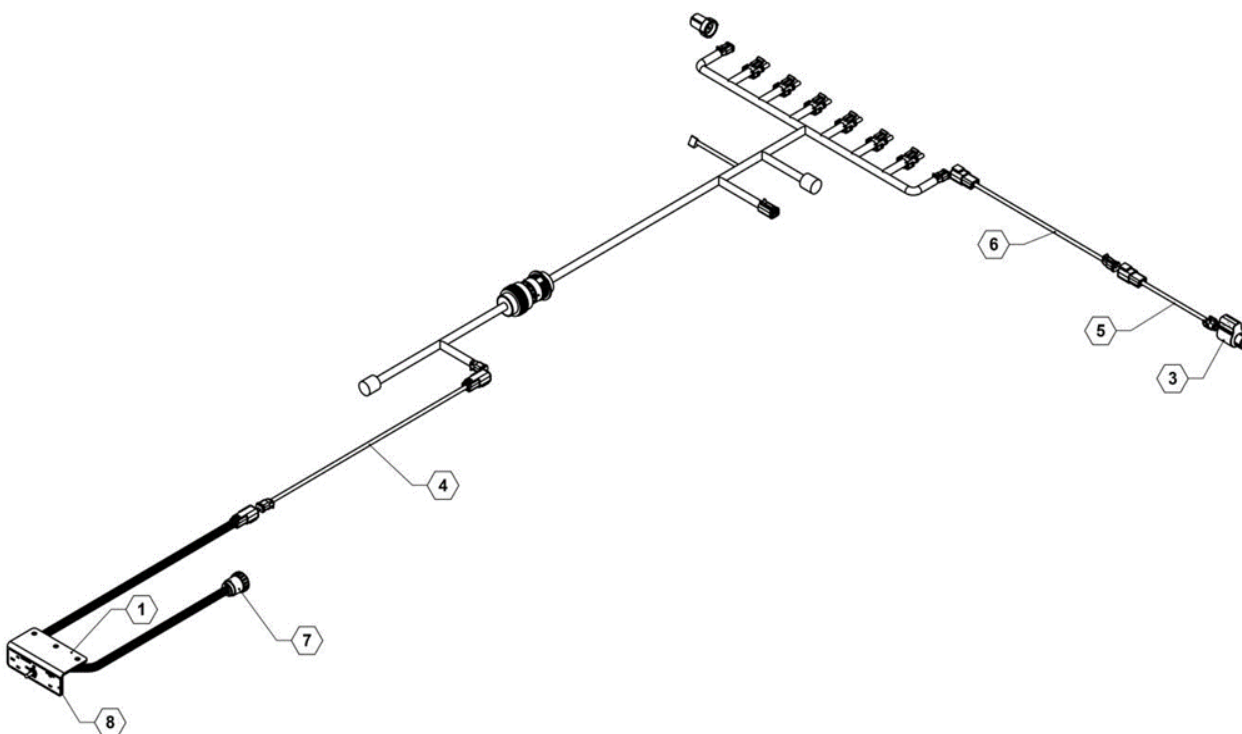
Parts List 27360: Fenceline Nozzles – Single, Display Control

ITEM	PART NO.	QTY.	DESCRIPTION
1	520037	1	VALVE, MANUAL CHEMSAVER
2	520038	1	VALVE, ELECTRIC CHEMSAVER
3	632044	1	FENCEROW ADAPTER CABLE, 6"
4	632054	1	FENCEROW CABLE, 55'

Fenceline Nozzles – Single, Toggle Switch Control

NOTE:

1. FOR USE WITH RAVEN 450, JD GREENSTAR & OTHER 16 & 37 PIN CABLING CONTROLLERS



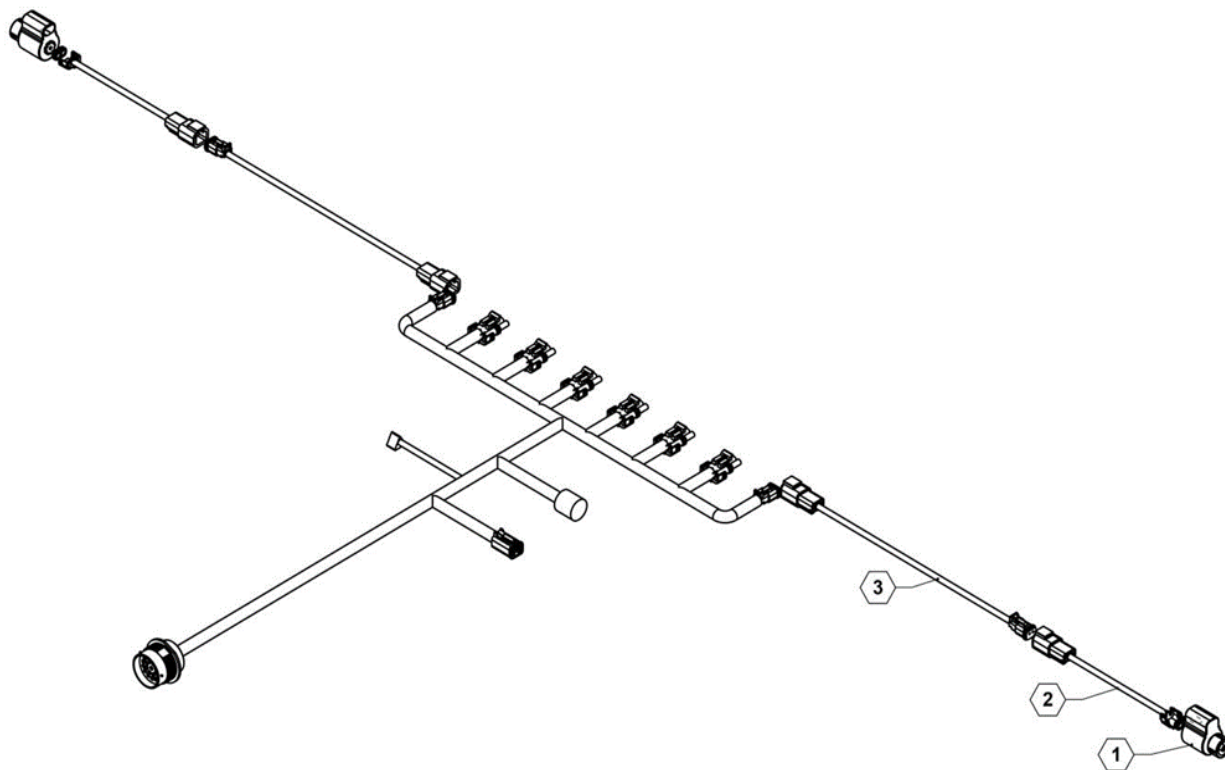
Parts List 27362: Fenceline Nozzles – Single, Toggle Switch Control

ITEM	PART NO.	QTY.	DESCRIPTION
1	18437	1	PLATE, MOUNT
2	520037	1	VALVE, MANUAL CHEMSAVER
3	520038	1	VALVE, ELECTRIC CHEMSAVER
4	632042	1	2 PIN DT 40' CABLE EXTENSION
5	632044	1	FENCEROW ADAPTER CABLE 6"
6	632054	1	FENCEROW CABLE, 55'
7	632089	1	CABLE, SINGLE ELECTRIC FENCELINE NOZZLE
8	800261	1	DECAL, FENCELINE & AGITATION

Fenceline Nozzles – Dual, Display Control

NOTE:

1. FOR USE WITH RAVEN RCM AND JD RC2000

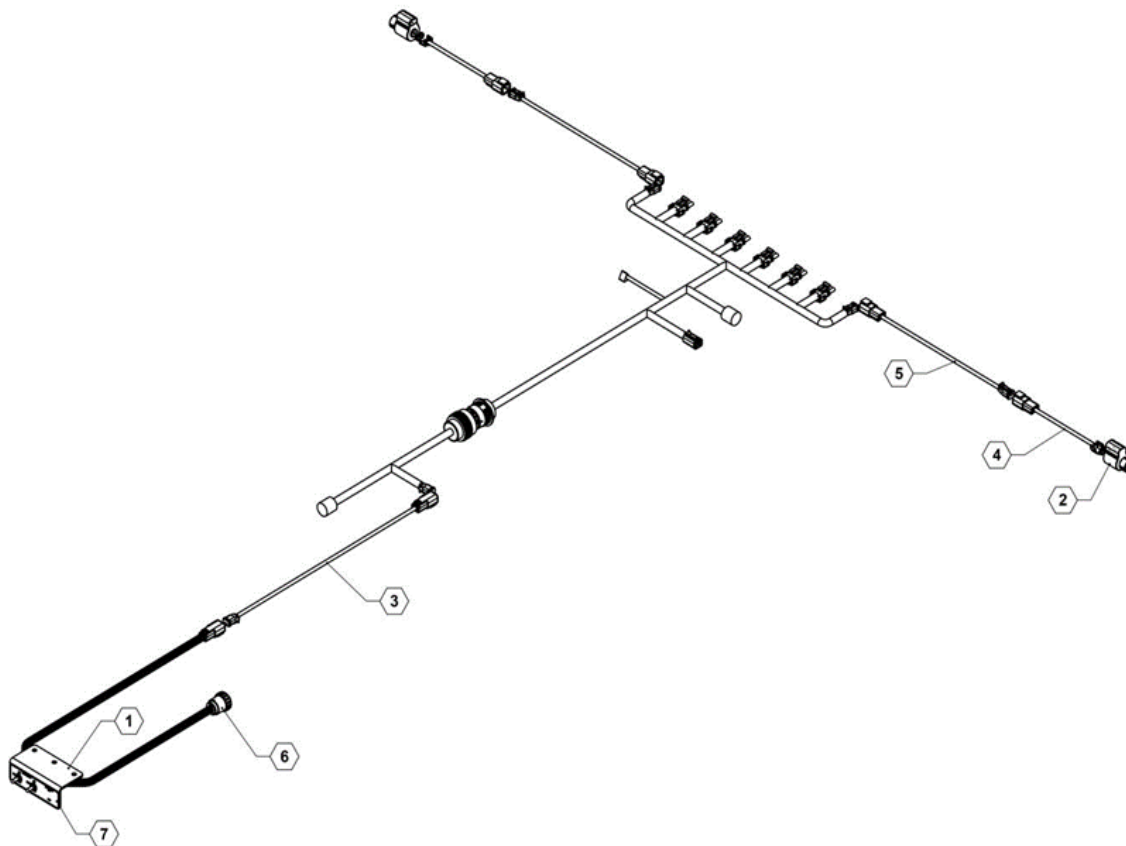


Parts List 27361: Fenceline Nozzles – Dual, Display Control

ITEM	PART NO.	QTY.	DESCRIPTION
1	520038	2	VALVE, ELECTRIC CHEMSAVER
2	632044	2	FENCEROW ADAPTER CABLE, 6'
3	632054	2	FENCEROW CABLE, 55'

Fenceline Nozzles – Dual, Toggle Switch Control

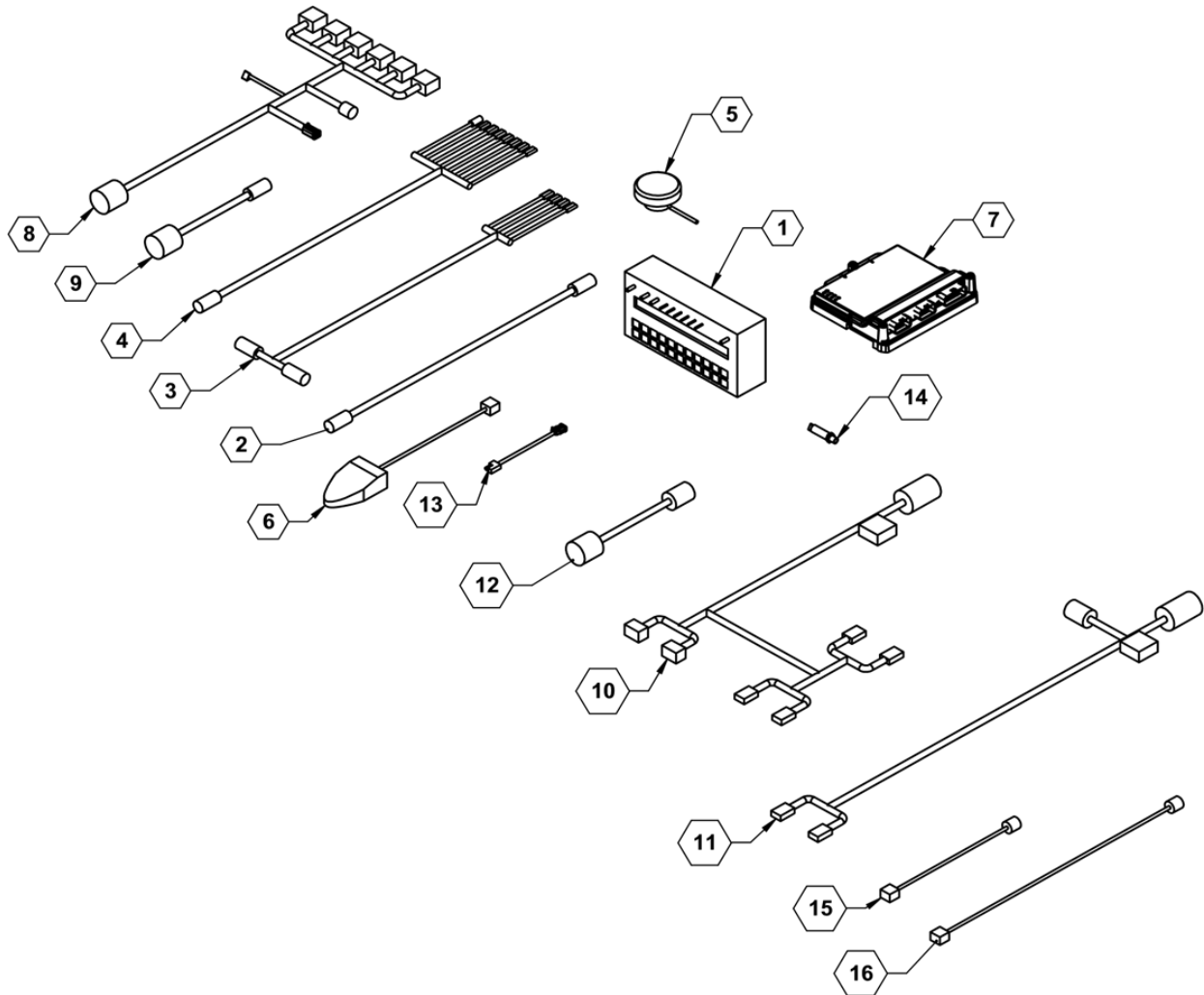
NOTE:
1. FOR USE WITH RAVEN 450, JD GREENSTAR & OTHER 16 & 37 PIN CABLING CONTROLLERS



Parts List 27363: Fenceline Nozzles – Dual, Toggle Switch Control

ITEM	PART NO.	QTY.	DESCRIPTION
1	18437	1	PLATE, MOUNT
2	520038	2	VALVE, ELECTRIC CHEMSAVER
3	632042	1	2 PIN DT 40' CABLE EXTENSION
4	632044	2	FENCEROW ADAPTER CABLE, 6"
5	632054	2	FENCEROW CABLE, 55'
6	632088	1	CABLE, DUAL ELECTRIC FENCELINE NOZZLES
7	800261	1	DECAL, FENCELINE & AGITATION

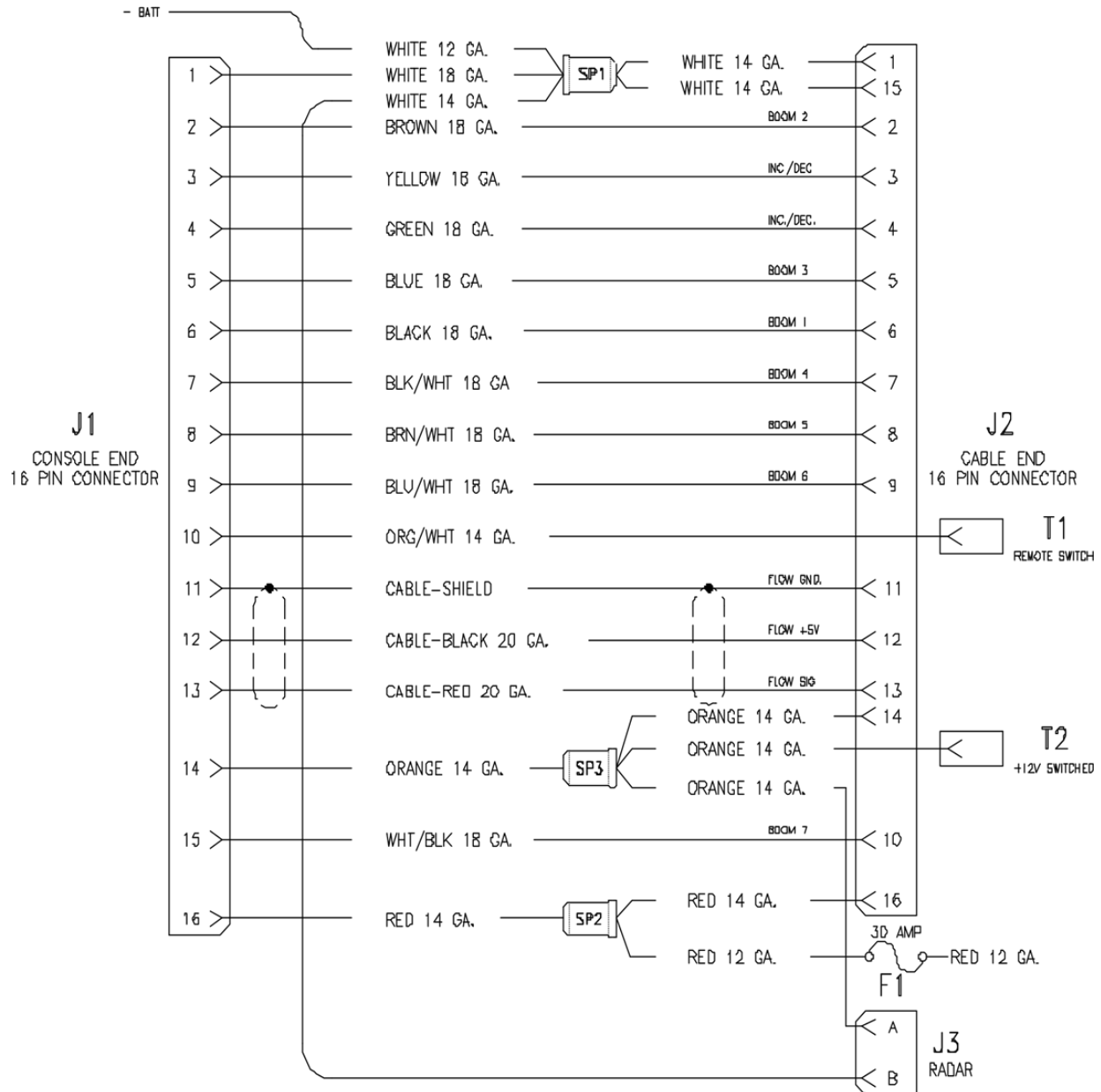
Raven Harnesses & Components



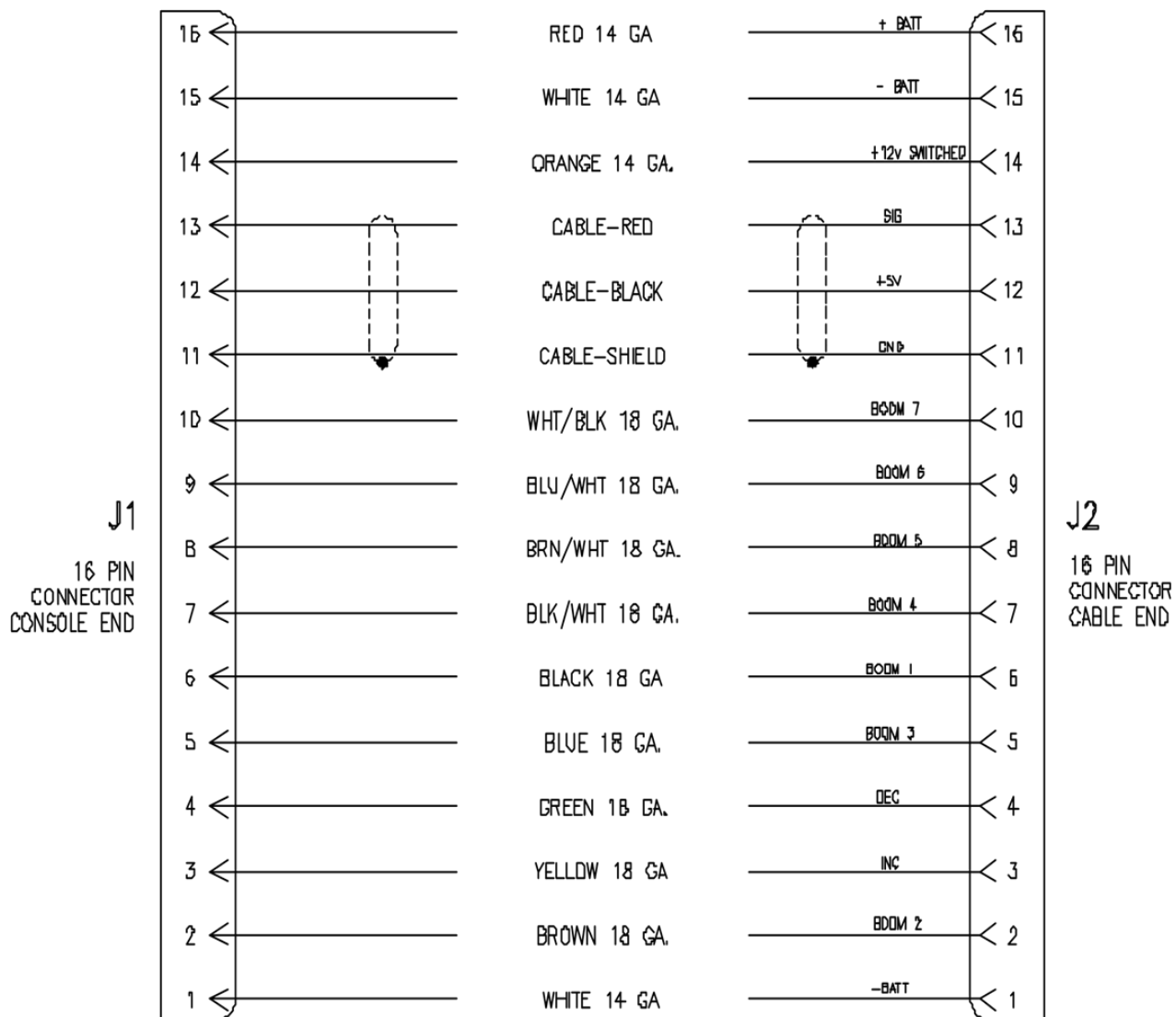
Parts List: Raven Harnesses & Components

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

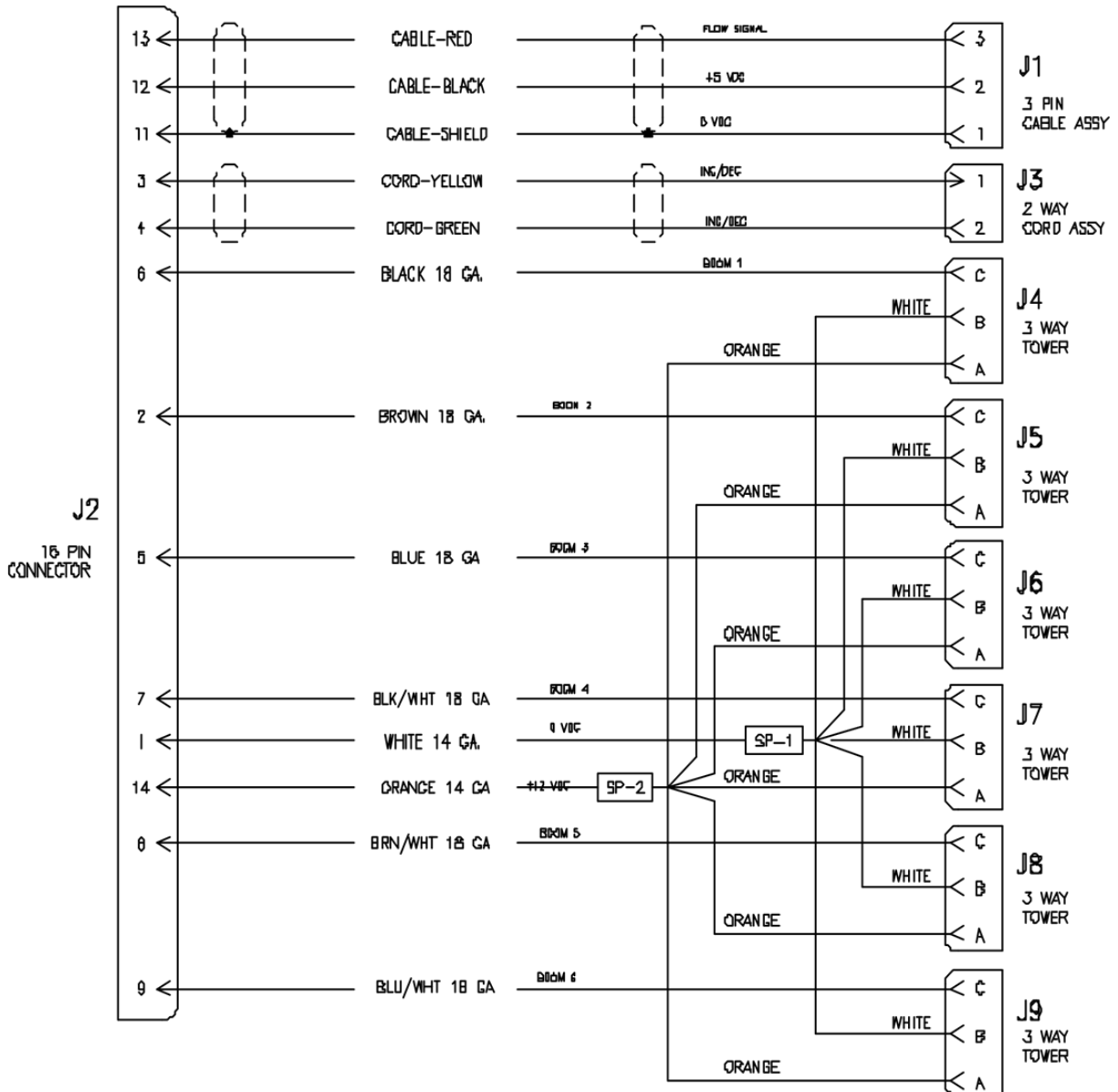
Control Harness 115-0171-085



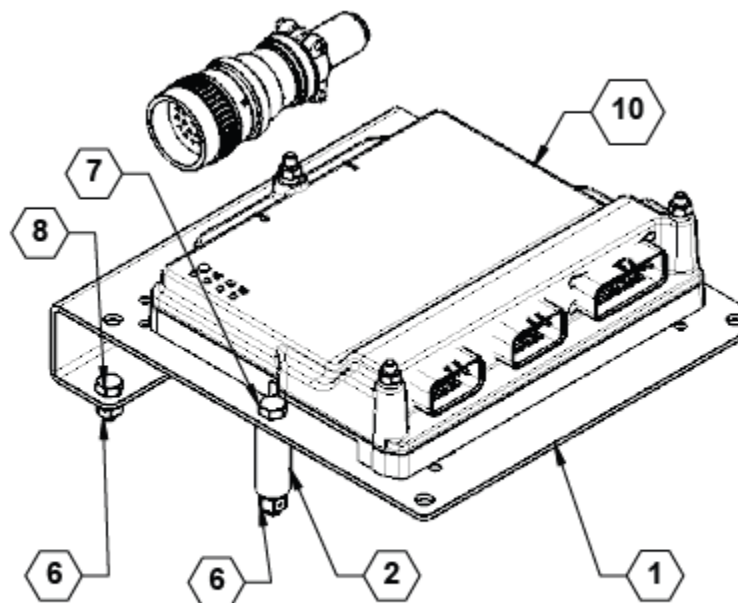
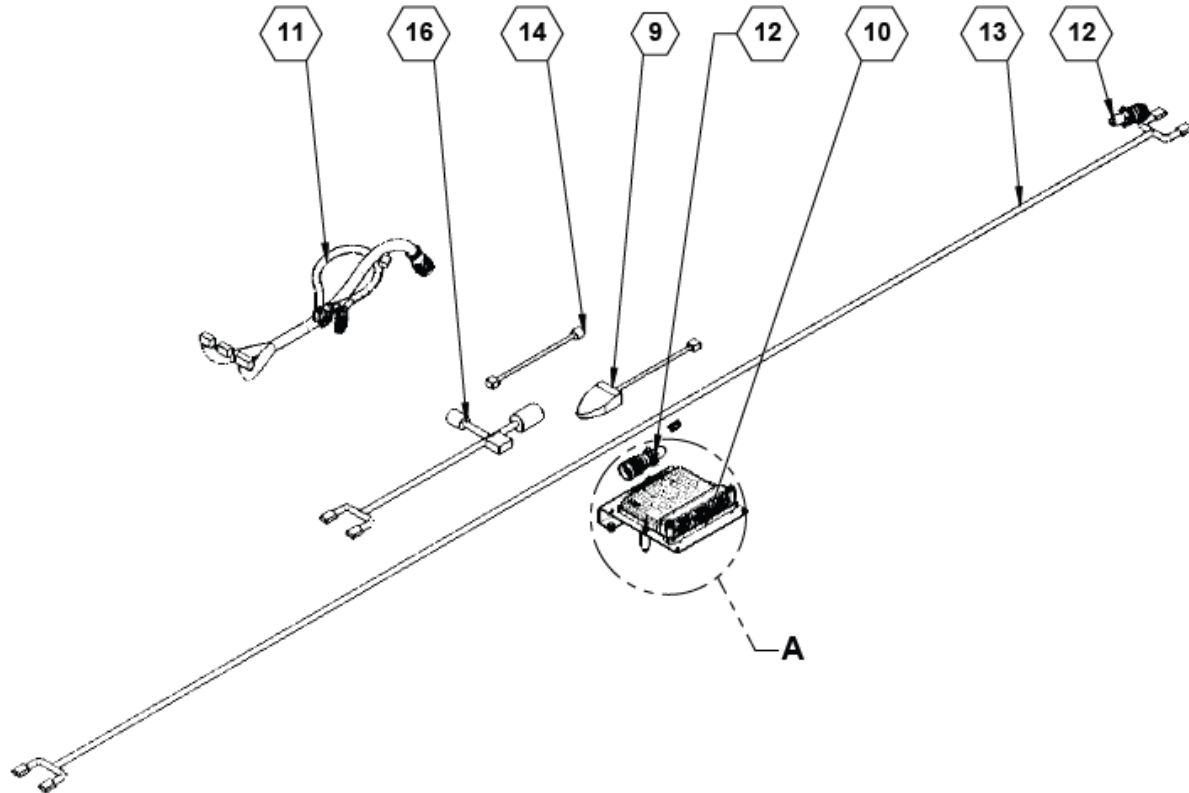
Control Harness 115-0159-856



Control Harness 115-0171-086



Raven RCM Rate Controller



DETAIL A
SCALE 1 : 5



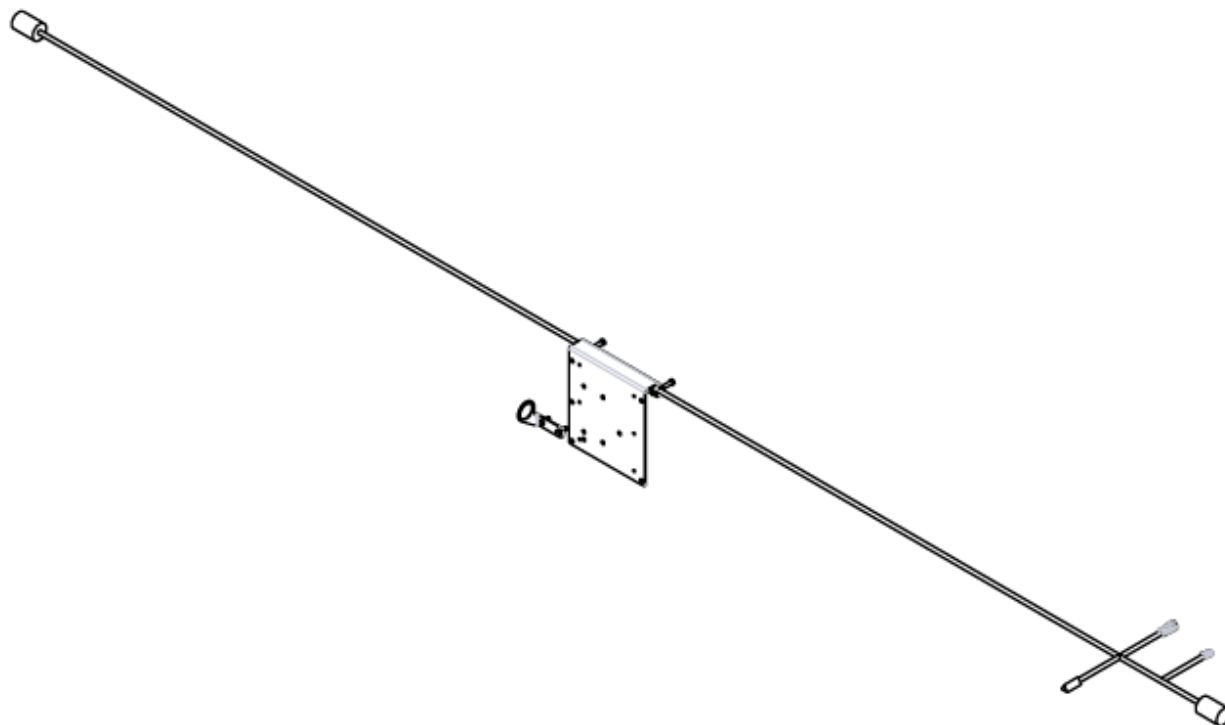
ILLUSTRATED PARTS LIST

[TOC](#)

Parts List 36739 / 36729: Raven RCM Rate Controller

ITEM	PART NO.	QTY.	DESCRIPTION
1	15813	1	PLATE, FORMED MOUNT
2	26236	1	TUBE, SPACER
3	596105M	1	BOLT, HH 1/4-20X2-1/2 GR5 MAGNI
4	596110M	2	BOLT, HH 1/4-20 X 3 MAGNI
5	596235M	3	NUT, CENTERLOCK, 1/4-20 MAGNI
6	596237M	2	NUT, CENTERLOCK 3/8-16 MAGNI
7	596637M	1	BOLT, HH 3/8-16 X 2-3/4 GR5 MAGNI
8	596818M	1	BOLT, HH 3/8-16 X 3/4 GR5 MAGNI
9	631856	1	FOOTSWITCH, ISO PRODUCT CONTROL
10	632010	1	RAVEN RCM
11	632029	1	47 PIN RATE CTRL INTERFACE CABLE
12	632035	1	CABLE, 14' 47P RECT. TO 47P PLUG
13	632055	1	CABLE, 17' EXTENSION GEN 1 ISO
14	632061	1	CABLE, FOOTSWITCH, 12' ROW CROP TRACTOR
15	632075	1	HARNESS, 47P 6 SECTION
	632076		HARNESS, 47P 10 SECTION
16	632217	1	IBIC TO GEN 1 ISO 12'

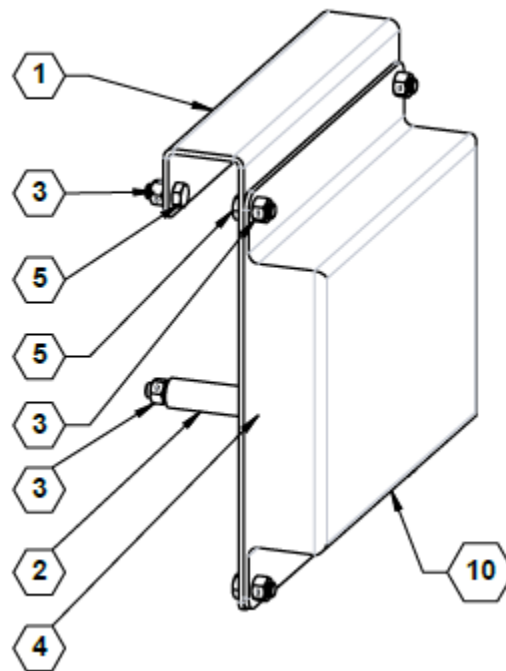
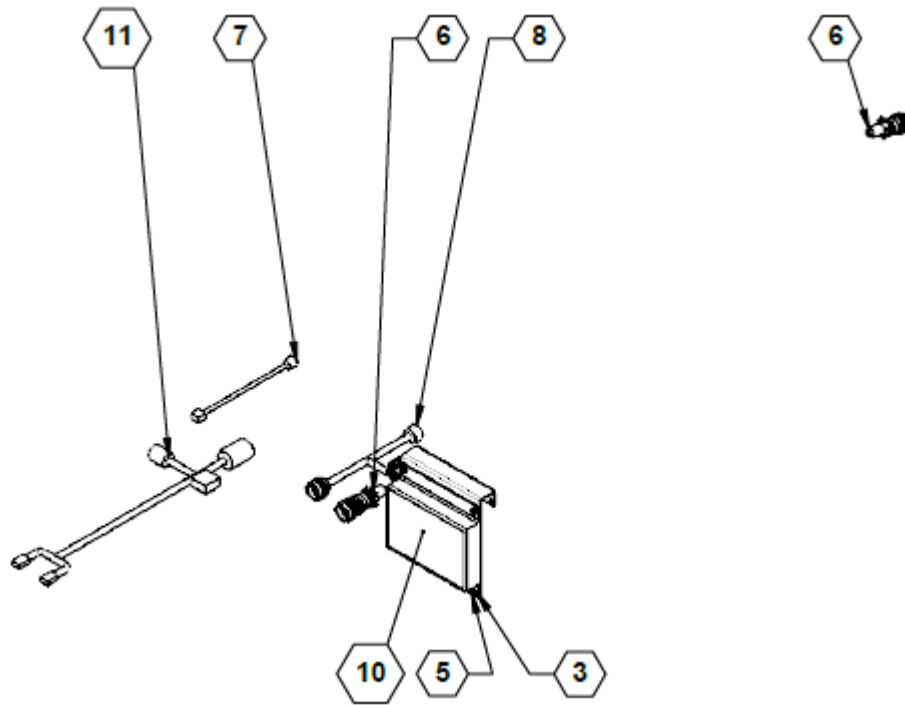
John Deere RC2000 Rate Controller



Parts List 47PCSJDRC6BTB / 47PCSJDRC10BTB: John Deere RC2000 Rate Controller

ITEM	PART NO.	QTY.	DESCRIPTION
1	15813	1	PLATE, FORMED MOUNT
2	26236	1	TUBE, SPACER
3	35224	1	BRACKET, 47 PIN HARNESS
4	596128M	2	BOLT, HH 3/8-16 X 1 GR5 MAGNI
5	596237M	4	NUT, CENTERLOCK 3/8-16 MAGNI
6	596637M	2	BOLT, HH 3/8-16 X 2-3/4 GR5 MAGNI
7	632035	1	CABLE, 47 PIN SPRAYER FRAME, 14'
8	632075	1	HARNESS, 47P 6 SECTION
	632076		HARNESS, 47P 10 SECTION

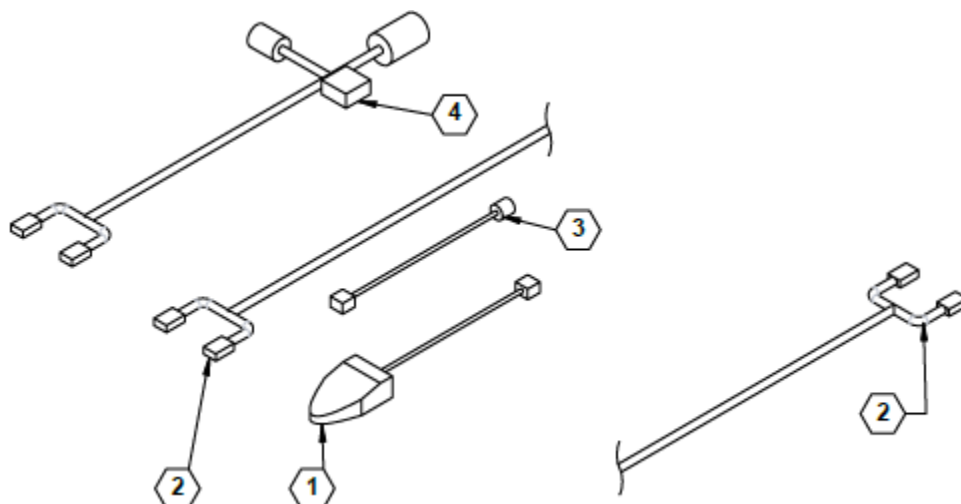
John Deere Greenstar Rate Controller



Parts List 36730 / 36738: John Deere Greenstar Rate Controller

ITEM	PART NO.	QTY.	DESCRIPTION
1	15813	1	PLATE, FORMED MOUNT
2	26236	1	TUBE, SPACER
3	596237M	5	NUT, CENTERLOCK 3/8-16 MAGNI
4	596637M	1	BOLT, HH 3/8-16 X 2-3/4 GR5 MAGNI
5	596818M	4	BOLT, HH 3/8-16 X 3/4 GR5 MAGNI
6	632035	1	CABLE, 14' 47P RECT. TO 47P PLUG
7	632061	1	CABLE, FOOTSWITCH, 12' ROW CROP TRACTOR
8	632070	1	37 TO 47 PIN ADAPTER CABLE
9	632075	1	HARNESS, 47P 6 SECTION
	632076		HARNESS, 47P 10 SECTION
10	632145	1	JD GREENSTAR RATE CONTROLLER
11	632217	1	IBIC TO GEN 1 ISO 12'

Capstan Controller



Parts List 36731: Capstan Controller

ITEM	PART NO.	QTY.	DESCRIPTION
1	631856	1	FOOTSWITCH, ISO PRODUCT CONTROL
2	632055	1	CABLE, 17' EXTENSION GEN 1 ISO
3	632061	1	CABLE, FOOTSWITCH, 12' ROW CROP TRACTOR
4	632217	1	IBIC TO GEN 1 ISO 12'

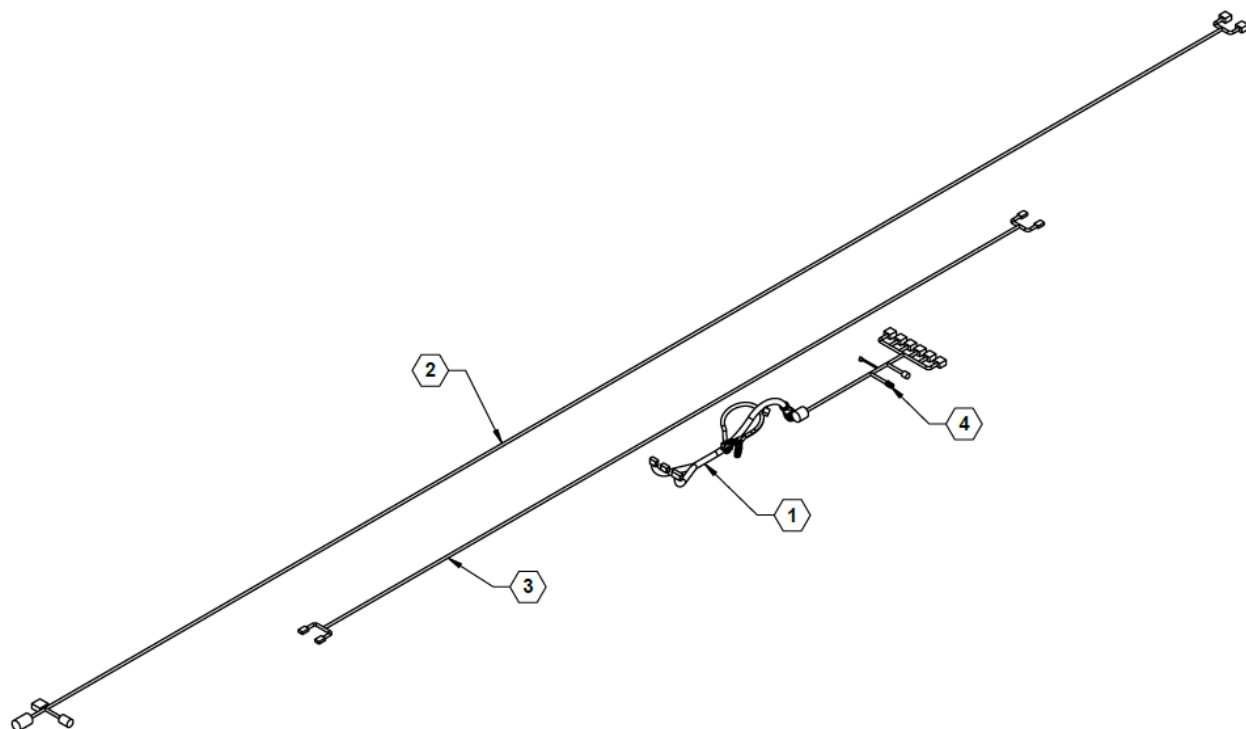
Capstan Kits



Parts List 632181 / 632183 / 632184: Capstan Kits

ITEM	PART NO.	QTY.	DESCRIPTION
-	632183	1	CAPSTAN KIT, 120' 15"
-	632181	1	CAPSTAN KIT, 120' 20"
-	632184	1	CAPSTAN KIT, 132' 22"

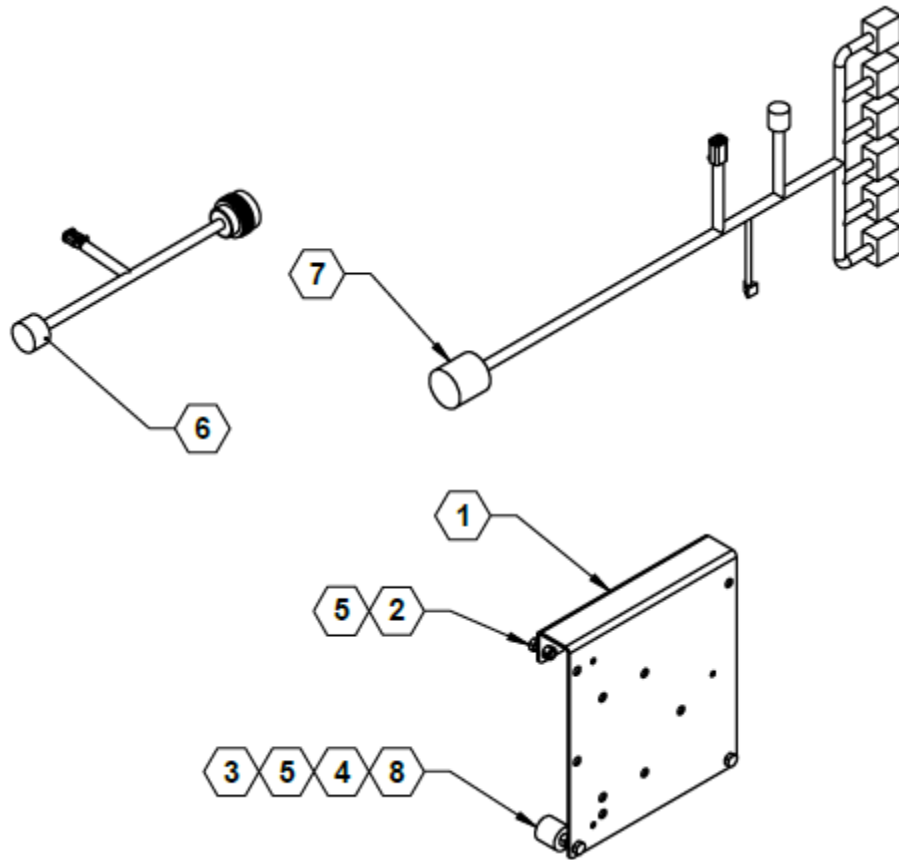
Customer-Supplied Raven or John Deere RC2000



Parts List 35741: Customer-Supplied Raven or John Deere 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

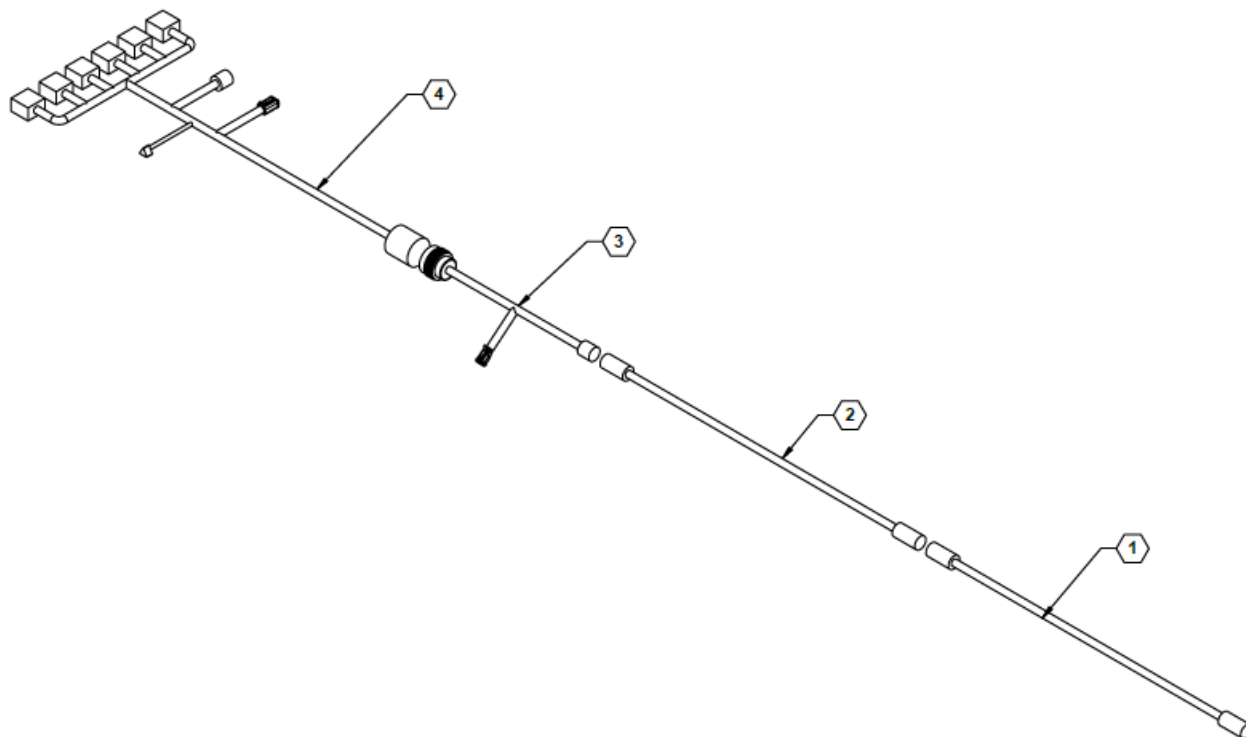
Customer-Supplied John Deere Greenstar



Parts List 35404 / 35744: Customer-Supplied John Deere 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

Customer-Supplied Other 37-Pin

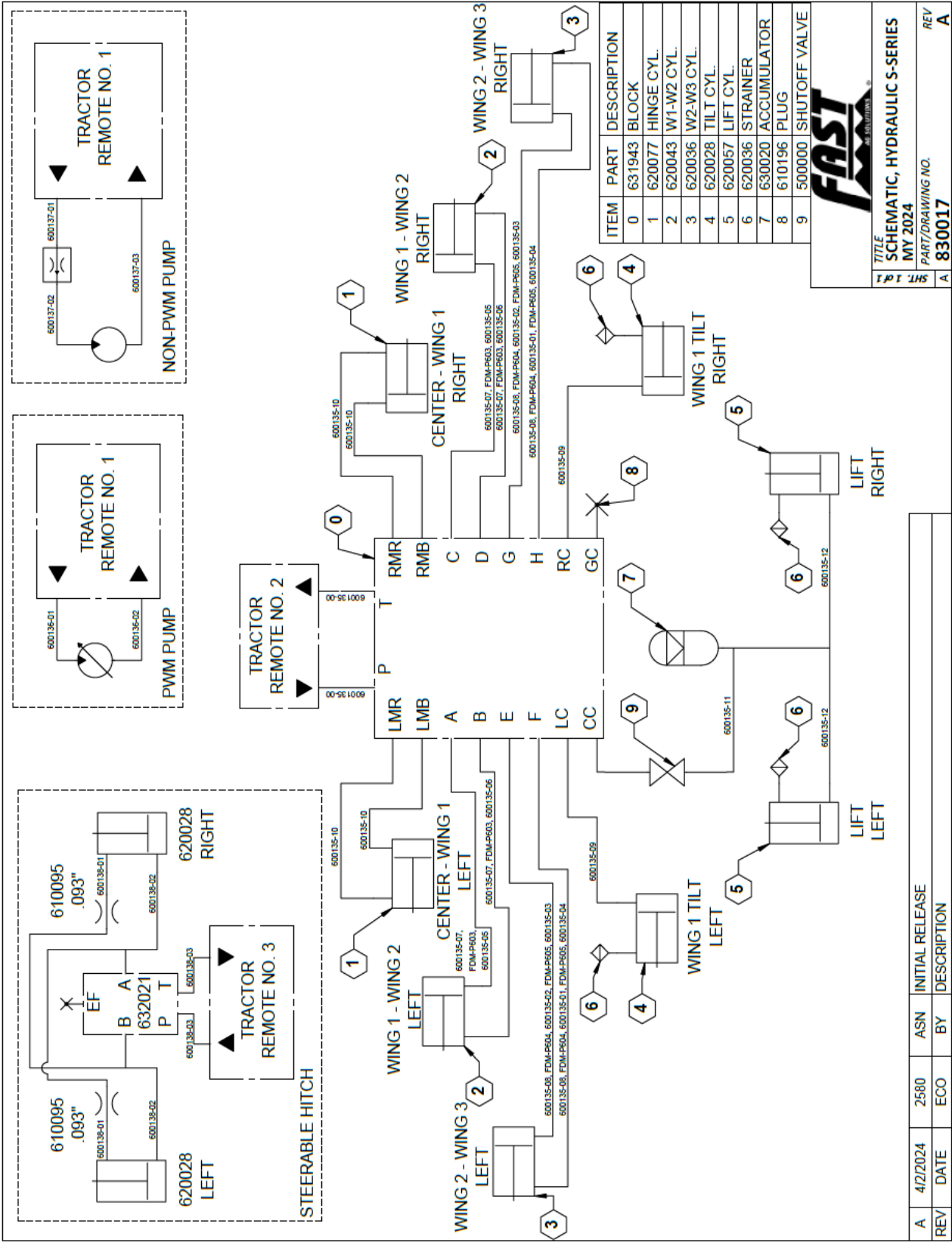


Parts List 631980: Customer-Supplied Other 37-Pin

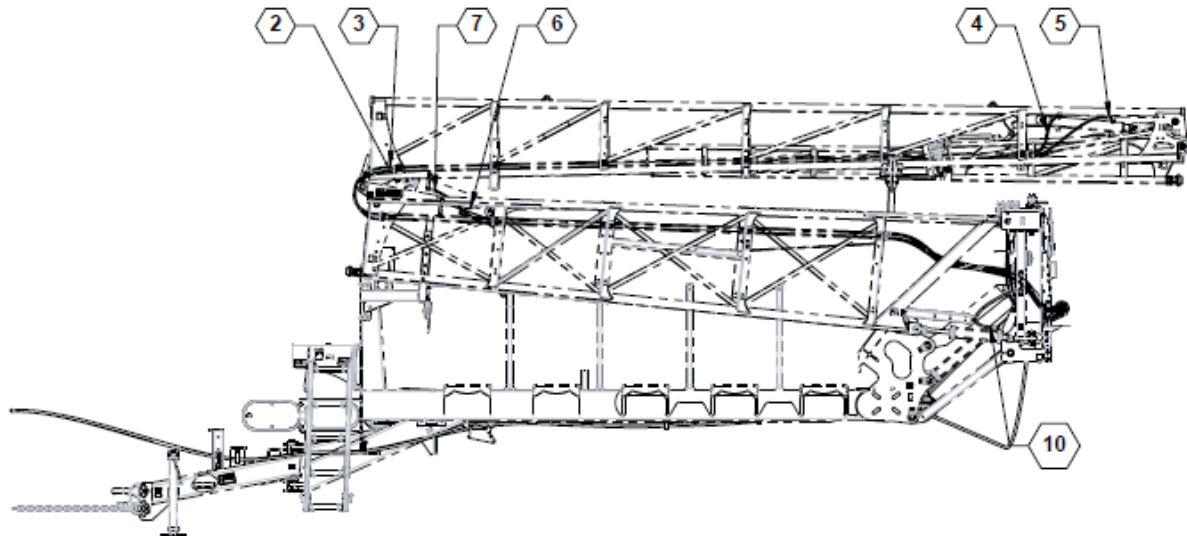
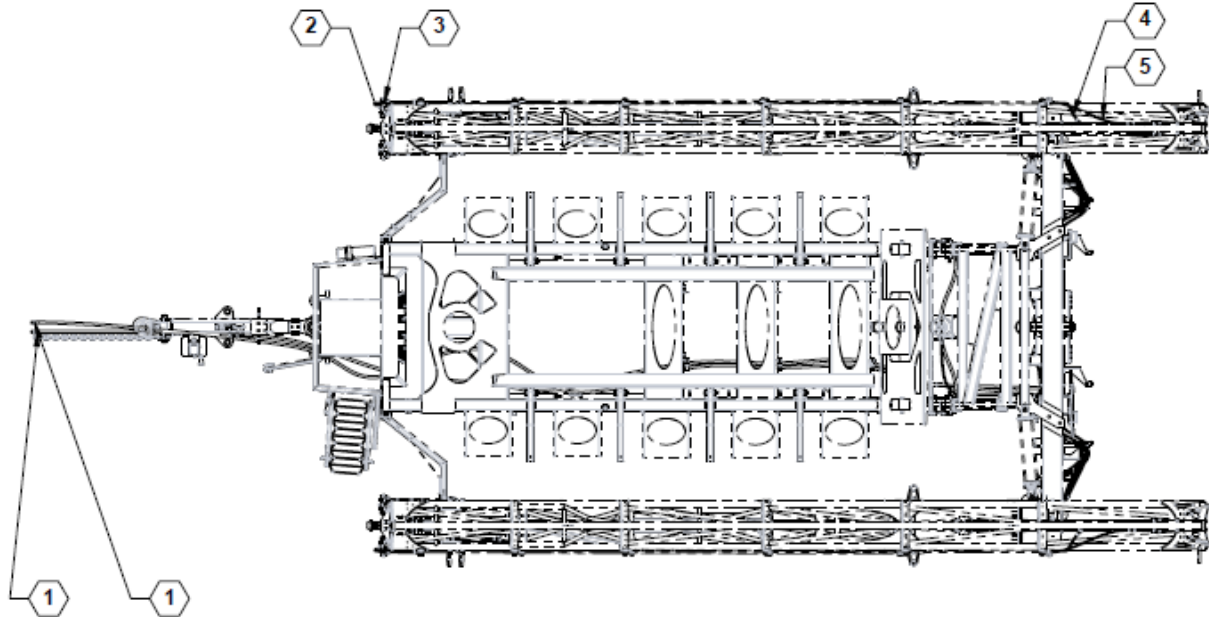
ITEM	PART NO.	QTY.	DESCRIPTION
1	631814	1	CABLE, 6 BOOM 12' EXTENSION
2	631815	1	CABLE, 6 BOOM 24' EXTENSION
3	632028	1	47 PIN TO 16 PIN ADAPTER
4	632080	1	6 SECTION APP FINAL HARNESS

HYDRAULICS

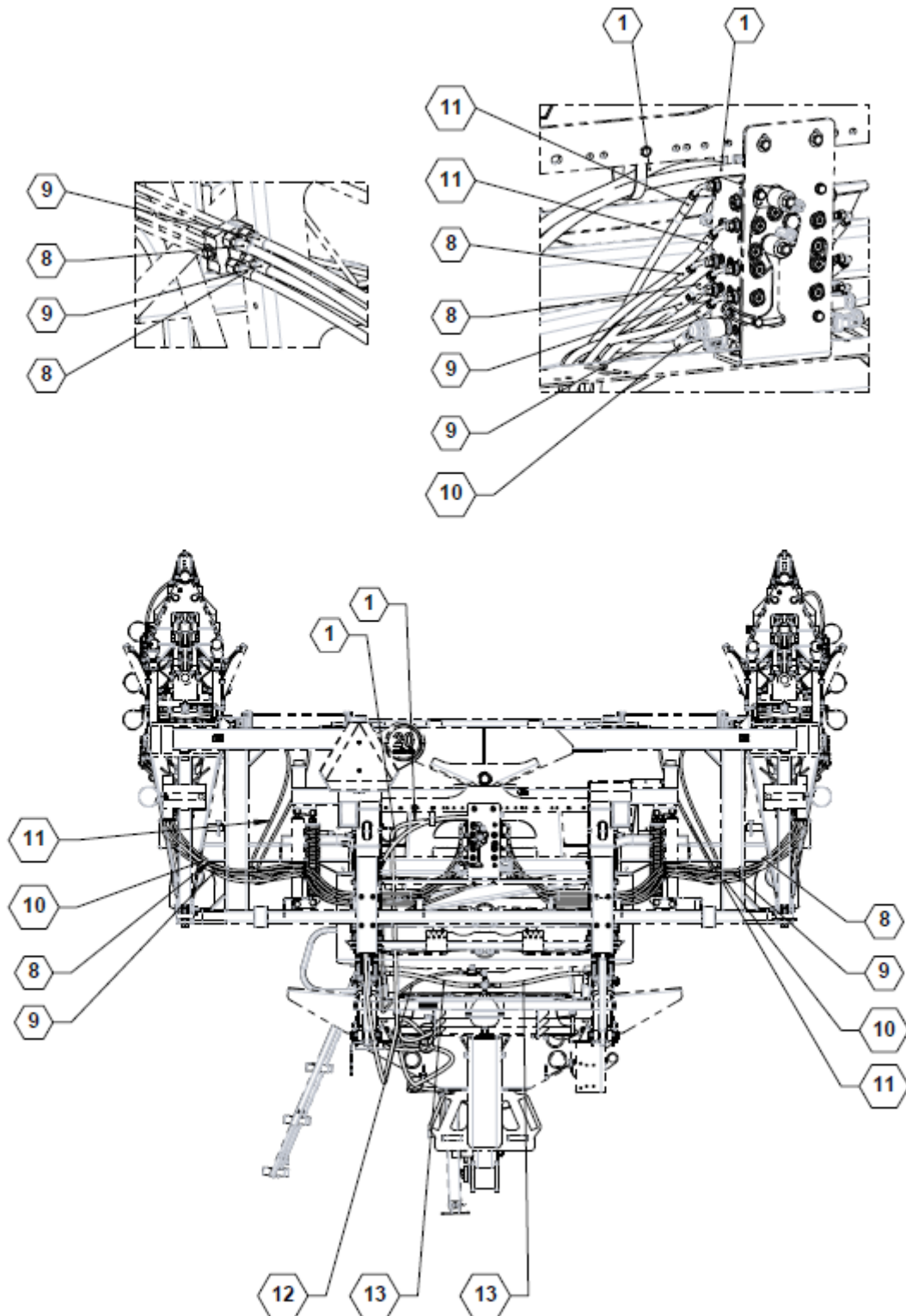
Hydraulic Diagram (830017)



Boom Hydraulic Hoses & Fittings



Boom Hydraulic Hoses & Fittings (continued)





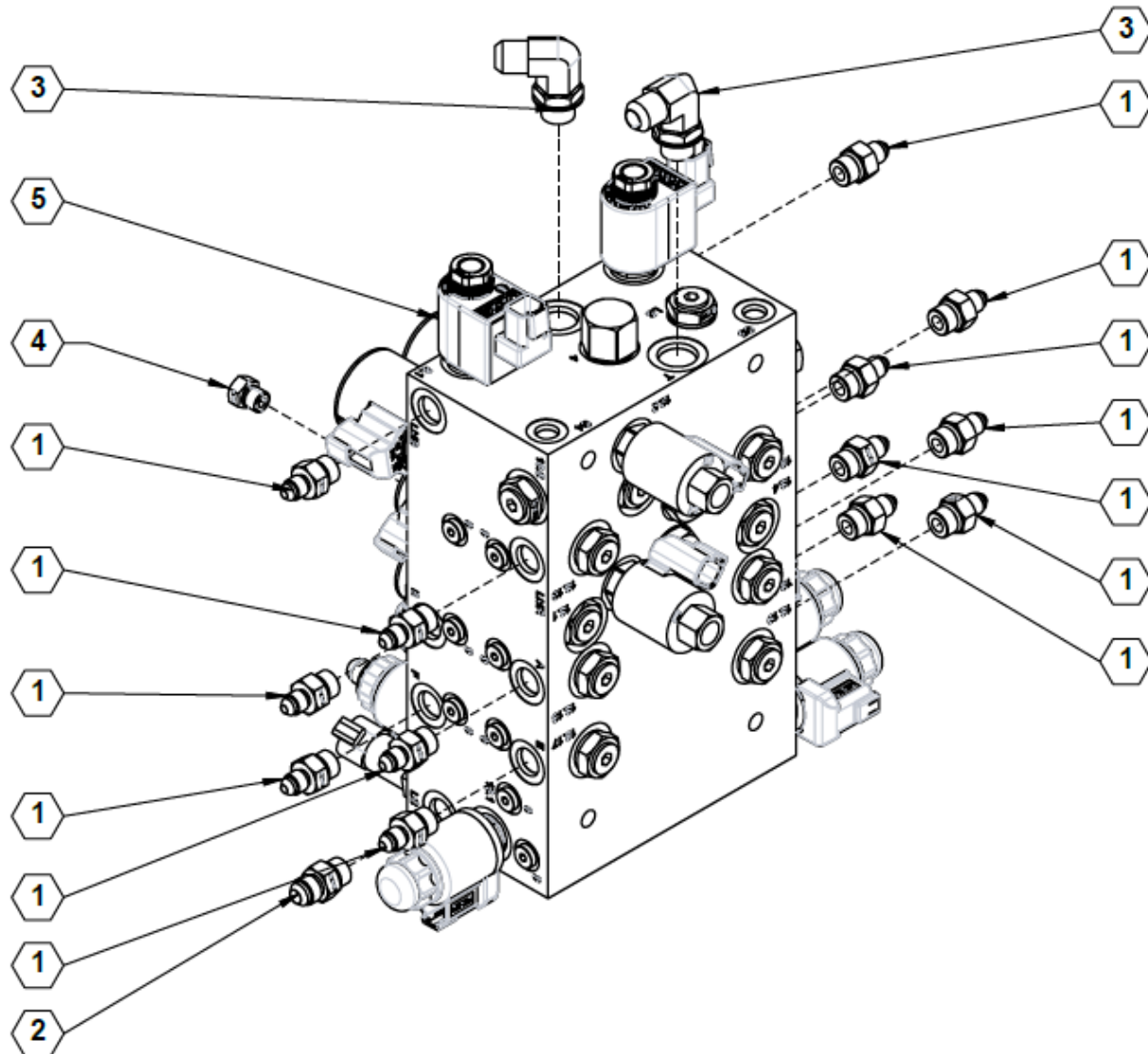
ILLUSTRATED PARTS LIST

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Parts List 600135: Boom Hydraulic Hoses & Fittings

ITEM	PART NO.	QTY.	DESCRIPTION
1	600135-00-ZN	2	HOSE ASSY, 8-8MORB-8FJX-394
2	600135-01-ZN	2	HOSE ASSY, 4-6MJX-6MJX-23
3	600135-02-ZN	2	HOSE ASSY, 4-6MJX-6MJX-39
4	600135-03-ZN	2	HOSE ASSY, 4-6MJX-4FJX-29
5	600135-04-ZN	2	HOSE ASSY, 4-6MJX-4FJX-34
6	600135-05-ZN	2	HOSE ASSY, 4-6MJX-4FJX-17
7	600135-06-ZN	2	HOSE ASSY, 4-6MJX-4FJX-28
8	600135-07-ZN	4	HOSE ASSY, 4-4FJX90-6MJX-138
9	600135-08-ZN	4	HOSE ASSY, 4-4FJX90-6MJX-140
10	600135-09-ZN	2	HOSE ASSY, 6-6FJX90-8FJX-115
11	600135-10-ZN	4	HOSE ASSY, 4-4FJX90-6MJX-115
12	600135-11-ZN	1	HOSE ASSY, 4-4FJX90-4FJX-143
13	600135-12-ZN	2	HOSE ASSY, 8-8FJX-8FJX-26
14	830017	0	SCHEMATIC, HYDRAULIC S-SERIES

Boom Center Hydraulic Block & Fittings

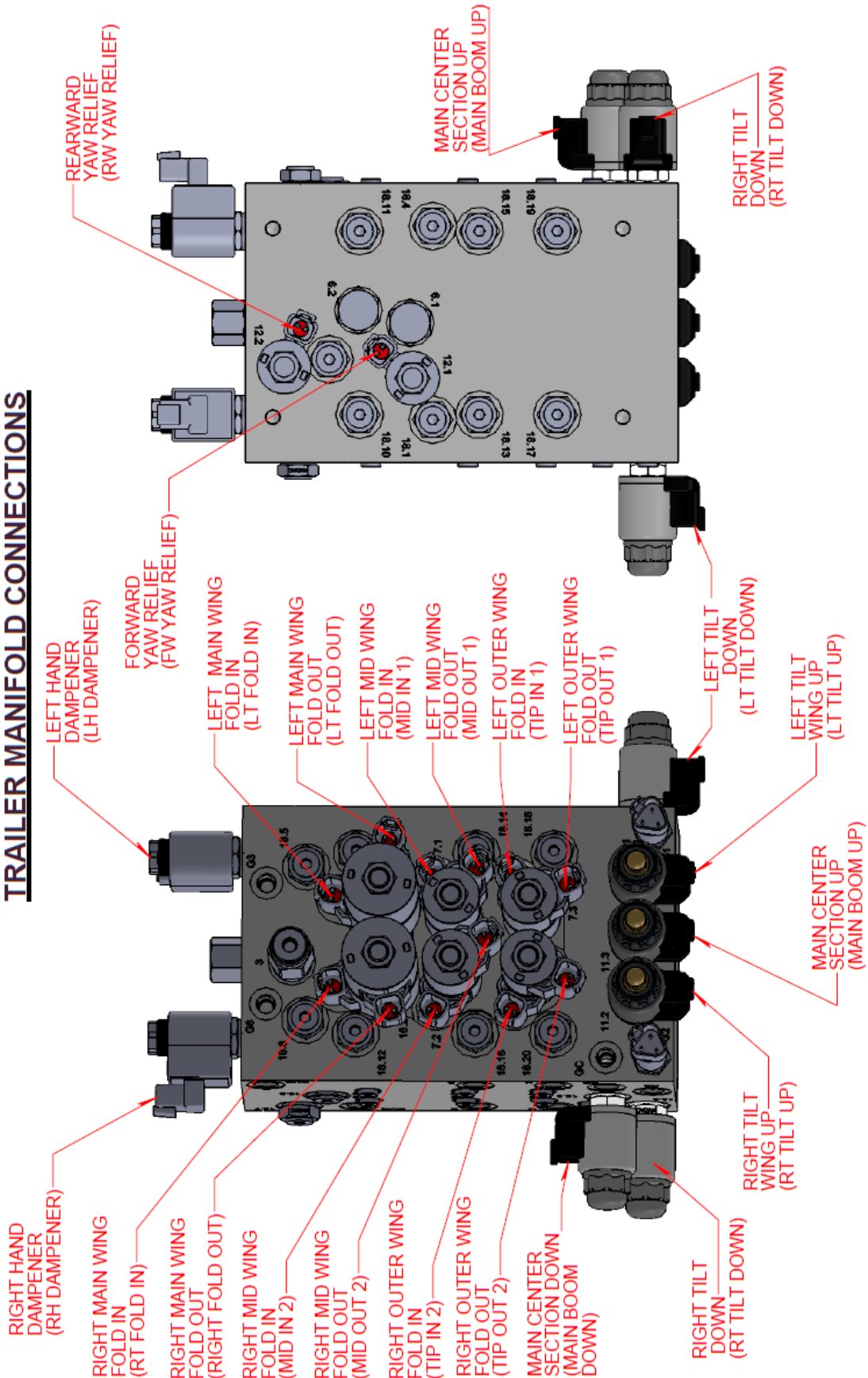


Parts List 36711: Boom Center Hydraulic Block & Fittings

ITEM	PART NO.	QTY.	DESCRIPTION
1	610008	13	ADAPTER, -4MJIC X -6MORB
2	610010	2	ADAPTER, -6MJIC X -6MORB
3	610097	2	ADAPTER, -8MJIC X -8MORB90
4	610196	1	FITTING, PLUG 04-MORB
5	631943	1	YAW MANIFOLD

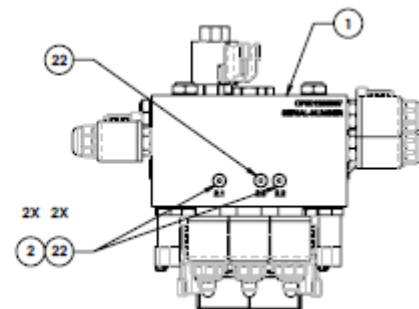
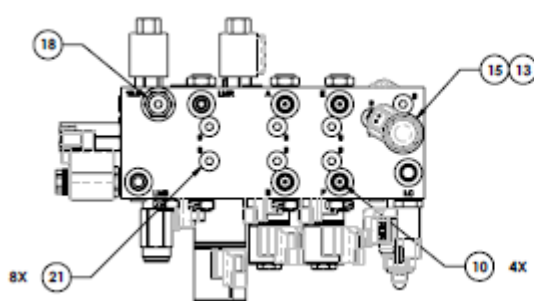
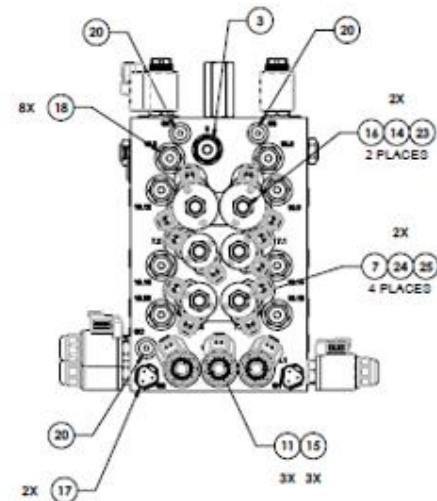
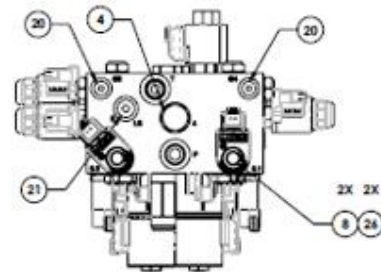
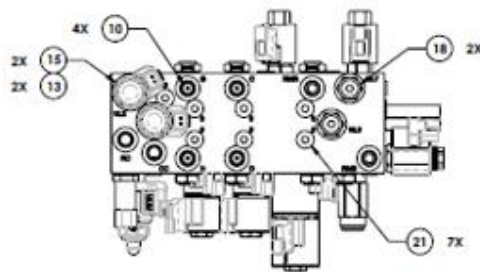
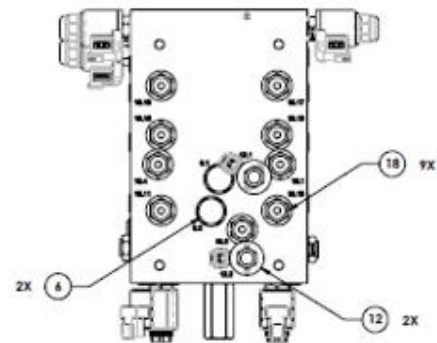
Boom Center Hydraulic Block Connections (631943)

TRAILER MANIFOLD CONNECTIONS



See <https://fastagsolutions.com/wp-content/uploads/2023/12/054-0239-100-A-AutoBoom-XRT-System-Drawing-for-Fast-MY-2024-newer.pdf>

Boom Center Hydraulic Block Breakdown

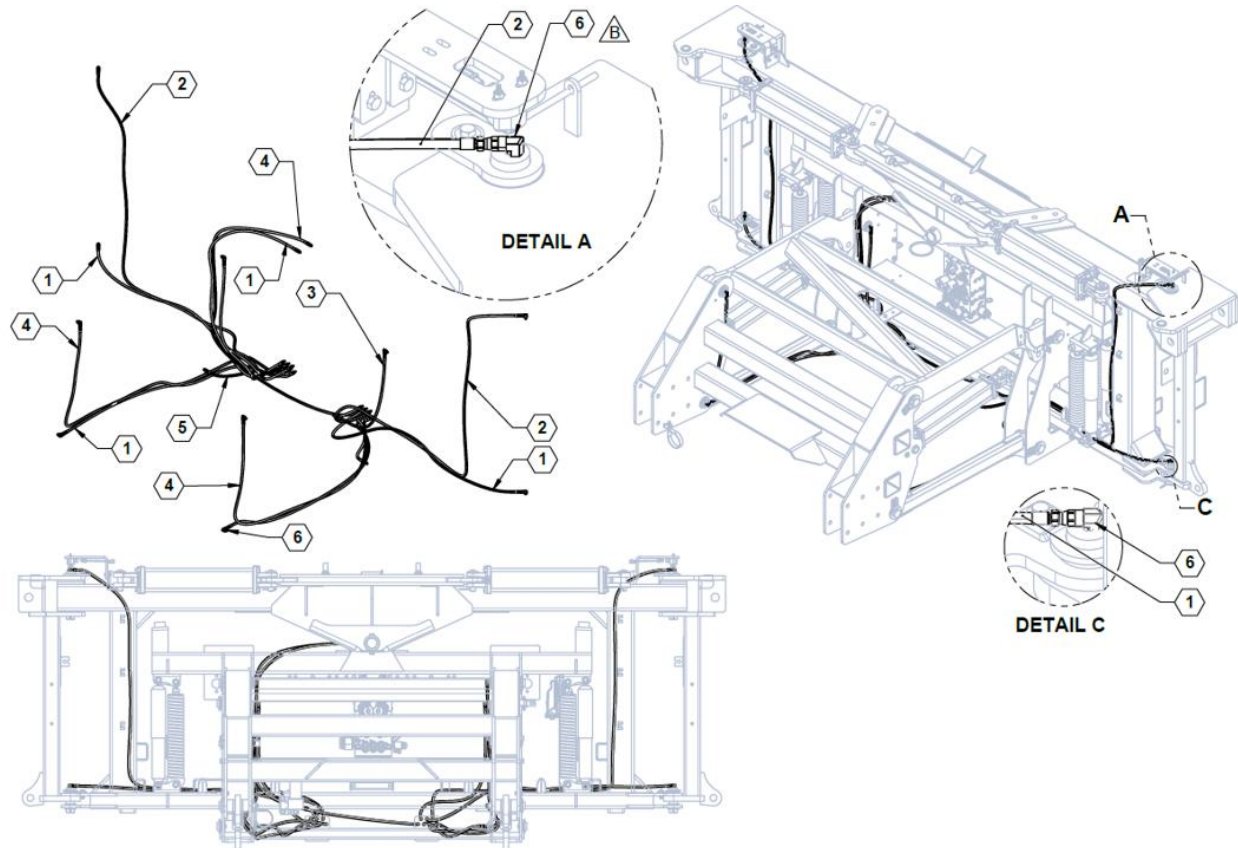


Parts List 631943: Boom Center Hydraulic Block Breakdown

26	2	334-0002-185	COIL, 12VDC, M13, DEUTSCH, DT 04-2P, -8
25	4	334-0002-183	SPACER, COIL, ER, -8
24	8	334-0002-123	COIL, 12 VDC, ER, DEUTSCH, DT04-2P, -8
23	2	334-0002-119	SPACER, COIL, ER -10/12
22	3	333-0012-262	FITTING, PLUG, O-RING, -2
21	16	333-0012-104	FITTING, PLUG, O-RING, -6
20	5	333-0012-051	FITTING, PLUG, O-RING, -4
19	1		HYDAC 02610072 08 DOUBLE PILOT PISTON
18	20		HYDAC CHECK VALVE, RV08A-01-C-N-05
17	2	422-0000-086	PRESSURE TRANSDUCER, 4-20MA 0-3000 PSI
16	2	334-0002-182	CARTRIDGE, HYDRAULIC, PROPORTIONAL, DIRECTIONAL, 4-WAY, 3 POSITION, MOTOR SPOOL, -10
15	6	334-0002-118	COIL, 12VDC, DN-40, DEUTSCH DT04-2P CONNECTOR, -8
14	4	334-0002-117	COIL, 12 VDC, ER, DEUTSCH, DT04-2P, -10/12
13	3	334-0002-107	CARTRIDGE, HYDRAULIC, BLOCKER, DOUBLE, -08
12	2	334-0002-181	CARTRIDGE, HYDRAULIC, PROPORTIONAL RELIEF, 2-WAY NORMALLY CLOSED
11	3	334-0002-106	CARTRIDGE, HYDRAULIC, PROPORTIONAL, REDUCING/RELIEVING, -08
10	8	333-0002-222	ORIFICE, HYDRAULIC .0465 DIA. FLOATING HEX.
9	1		M&W BALL AND SPRING LOAD SENSE CHECK
8	2	334-0002-179	CARTRIDGE, HYDRAULIC DAMPENER, 2-WAY, NORMALLY OPEN W/ NUT
7	4	334-0002-148	CARTRIDGE, HYDRAULIC, PROPORTIONAL, DIRECTIONAL, 4-WAY, 3 POSITION, MOTOR SPOOL, -8
6	2	334-0002-104	CARTRIDGE, HYDRAULIC, CHECK, W/SCREEN, -10
5	1	333-0012-302	FITTING, HYDRAULIC ORIFICE, 0.020 ID, 1/4-20 UNC
4	1	334-0002-105	CARTRIDGE, HYDRAULIC, DIRECTIONAL, PILOTED, 2-WAY, 2-POSITION, NORMALLY CLOSED, -10
3	1	334-0002-178	CARTRIDGE, HYDRAULIC, RELIEF, DIRECT ACTING (2-1), -10
2	2	333-0012-284	FITTING, HYDRAULIC ORIFICE 0.060 W/ 1/4-20 THREAD
1	1	334-0002-175	MANIFOLD, HYDRAULIC, FAST, BOOM CONTROLS
ITM	QTY	PART NUMBER	DESCRIPTION

See Raven 063-0131-152

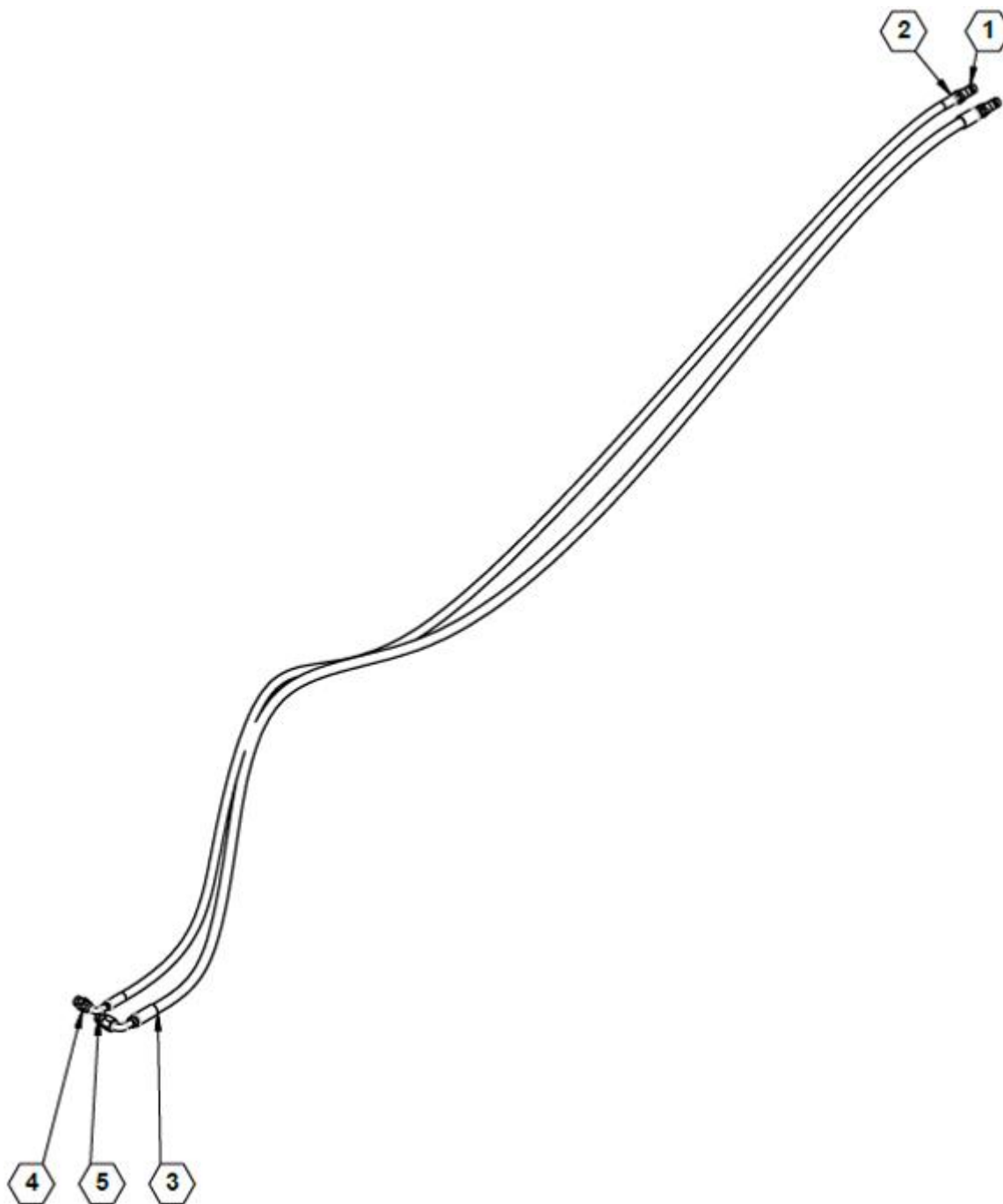
Boom Center Grease Hoses & Fittings



Parts List 600131: Boom Center Grease Hoses & Fittings

ITEM	PART NO.	QTY.	DESCRIPTION
1	600131-100	5	HOSE ASSY, 02-2NPTX-2GREASE-72
2	600131-200	2	HOSE ASSY, 02-2NPTX-2GREASE-110
3	600131-300	2	HOSE ASSY, 02-2NPTX-2GREASE-42
4	600131-400	3	HOSE ASSY, 02-2NPTX-2GREASE-88
5	600131-500	2	HOSE ASSY, 02-2NPTX-2GREASE-28
6	610184	10	FITTING, -2MPT X -2FPT 90

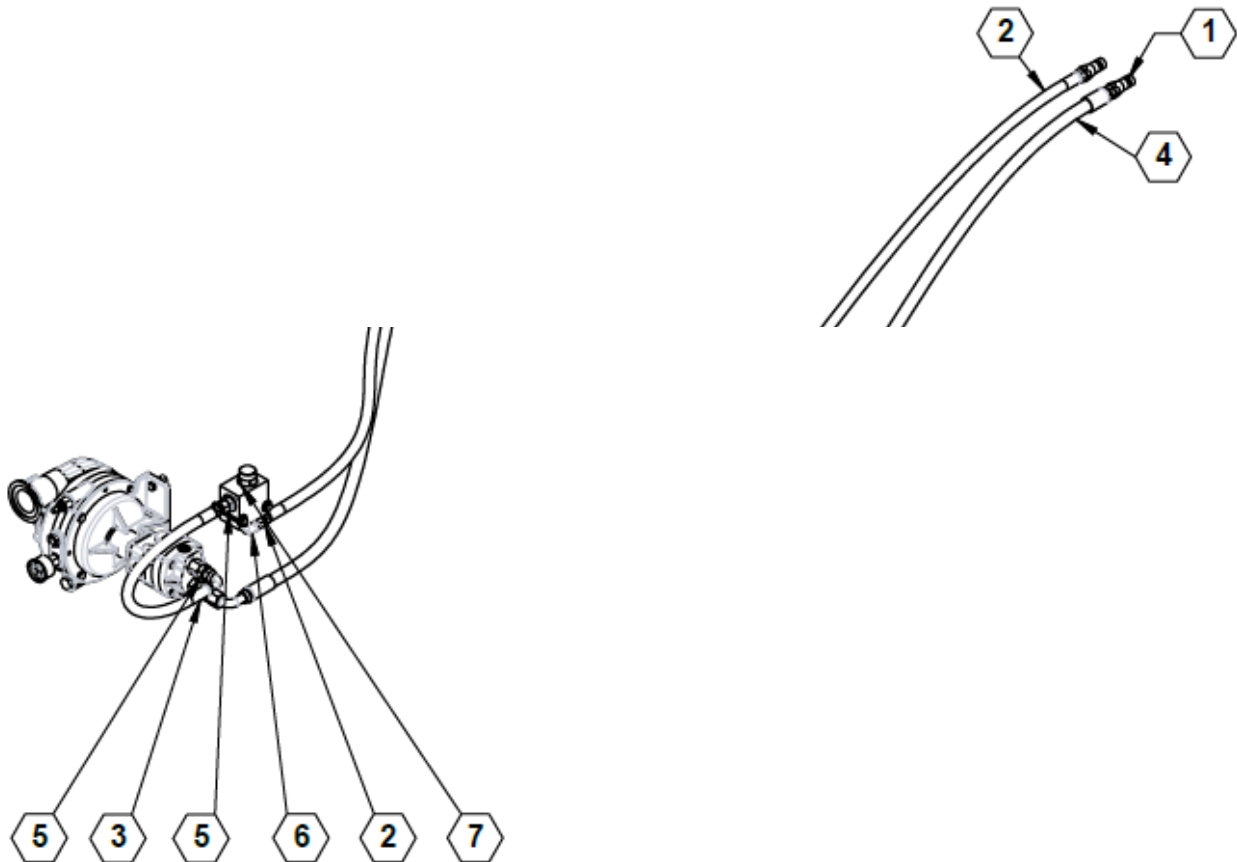
Product Pump (PWM) Hydraulic Hose & Fittings



Parts List 600136: Product Pump (PWM) Hydraulic Hose & Fittings

ITEM	PART NO.	QTY.	DESCRIPTION
1	520048	2	PIONEER COUPLER #8 FORB
2	600136-01-ZN	1	HOSE ASSY, 8-8MORB-10FJX90-158
3	600136-02-ZN	1	HOSE ASSY, 10-8MORB-10FJX90-158
4	610060	1	JIC #8 TO ORING #10
5	610106	1	ADAPTER, -10MJIC X -10MORB

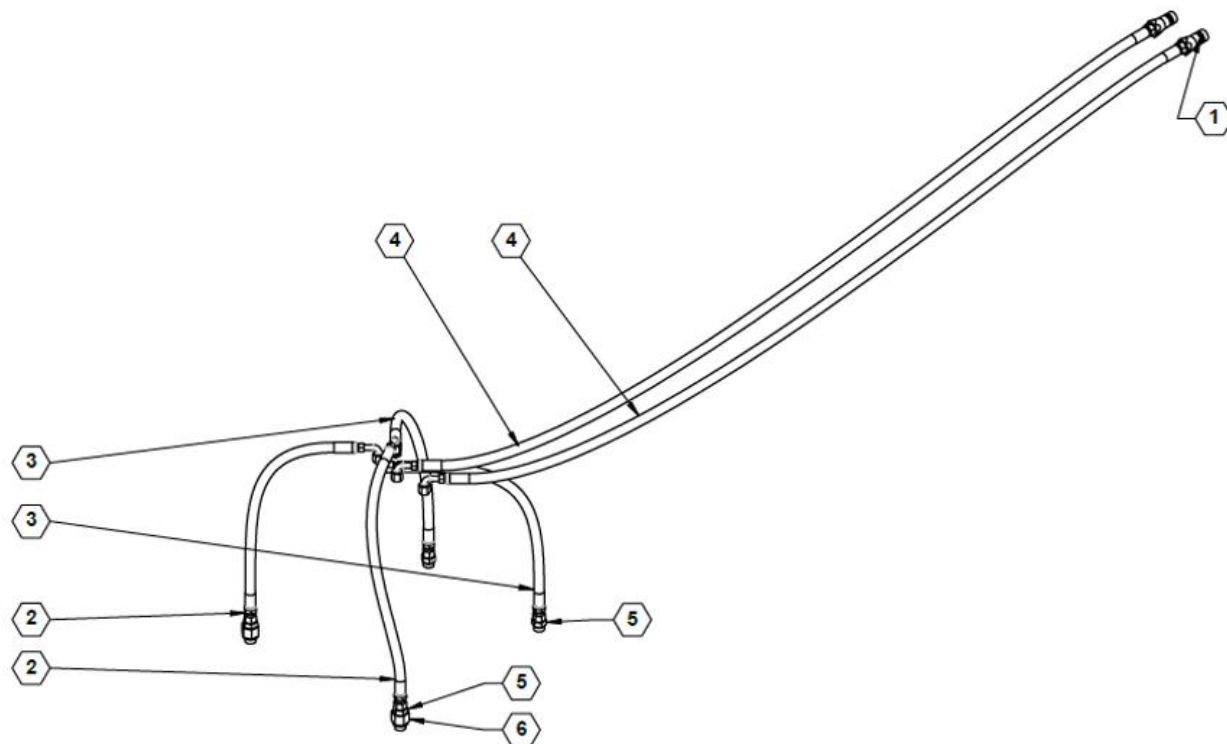
Product Pump (Non-PWM) Hydraulic Hose & Fittings



Parts List 600137: Product Pump (Non-PWM) Hydraulic Hose & Fittings

ITEM	PART NO.	QTY.	DESCRIPTION
1	520048	2	PIONEER COUPLER #8 FORB
2	600137-01-ZN	1	HOSE ASSY, 8-8MORB-8FJX-149
3	600137-02-ZN	1	HOSE ASSY, 8-8FJX-10FJX90-24
4	600137-03-ZN	1	HOSE ASSY, 10-8MORB-10FJX90-154
5	610060	2	JIC #8 TO ORING #10
6	610086	1	JIC #8 TO O-RING #10 ELBOW 90°
7	610099	1	VALVE, FLOW CONTROL, P.C.
8	610106	1	ADAPTER, -10MJIC X -10MORB

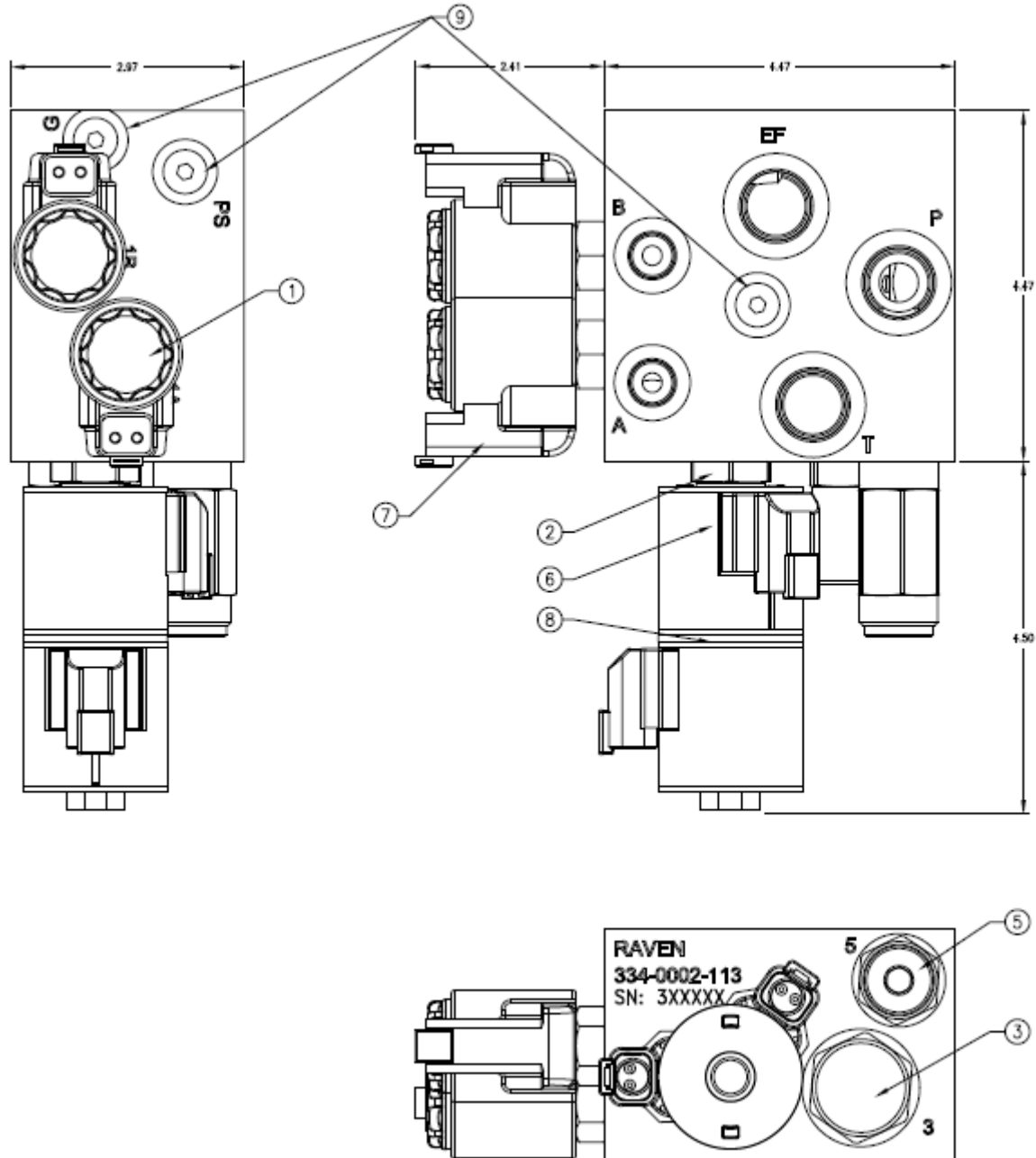
Steerable Hitch Hoses & Fittings



Parts List 600138: Steerable Hitch Hoses & Fittings

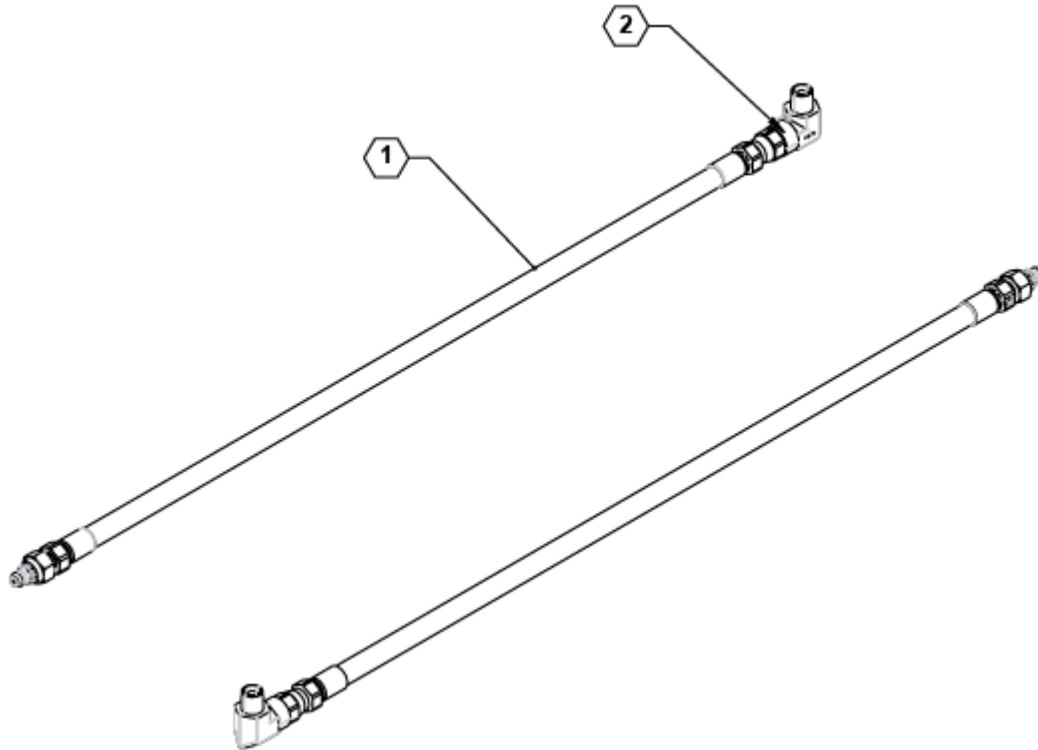
ITEM	PART NO.	QTY.	DESCRIPTION
1	520048	2	PIONEER COUPLER #8 FORB
2	600138-01-ZN	2	HOSE ASSY, 6-6FJX-6FJX90-26
3	600138-02-ZN	2	HOSE ASSY, 6-6FJX-6FJX-25
4	600138-03-ZN	2	HOSE ASSY, 6-6FJX90-8MORB-81
5	610011	4	JIC #6 TO ORING #8
6	610095	2	.093 ORIFICE FITTING
7	830017	0	SCHEMATIC, HYDRAULIC S-SERIES

Steerable Hitch Hydraulic Block Base



Parts List 632021: Steerable Hitch Hydraulic Block Base

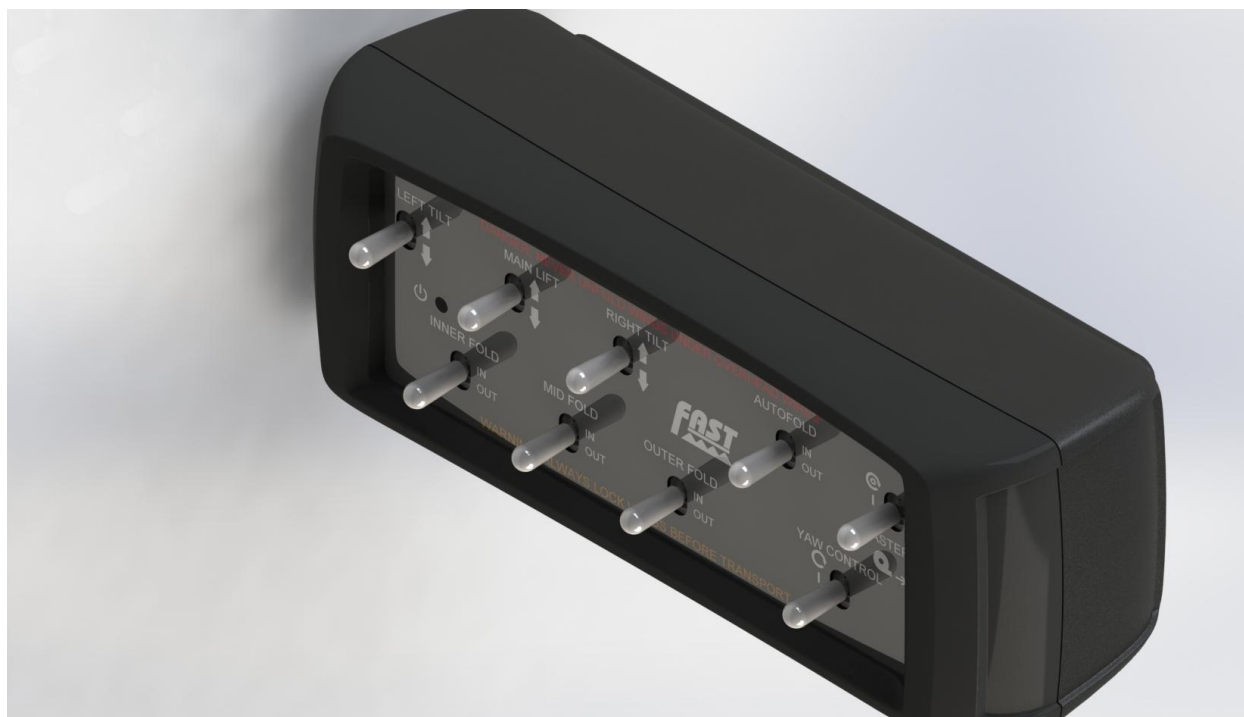
3	FTG., PLUG, 7/16-20, O-RING SEAL INTERNAL SEAL	333-0012-051	6409-4	TORQUE: 12-14 FT LBS	9
1	SPACER, COIL, ER-10/12	334-0002-119	4539700		8
2	COIL, 12VDC, DN-40, DTSCH., DT04-2P, CONN. SIZE 8	334-0002-118	03012600	TORQUE: HAND (5 FT LBS)	7
2	COIL, 12VDC, ER, DEUTSCH., DT04-2P, SIZE 10/12	334-0002-117	4303712	TORQUE: HAND (5 FT LBS)	6
1	CARTRIDGE, HYDRAULIC RELIEF, DIFFERENTIAL AREA, -10	334-0002-103	RV10-26H-0-N-30/29	TORQUE: 24-26 FT LBS	5
1	MANIFOLD, HYDRAULIC, OPEN CENTER, SMARTRAX	334-0002-113			4
1	CART., HYD., PRESS. COMP., PRIORITY ON DEMAND, -12	334-0002-102	EC12-42-0-N-80 	TORQUE: 34-36 FT LBS	3
1	CART., HYD., PROP., DIR., 5-WAY, 3-POS., N. C., -10	334-0002-097	SP10-5802C-0-N-0	TORQUE: 24-26 FT LBS	2
2	CART., HYD. BLOCKER, SINGLE, NORM. CLOSED, -08	334-0002-096	WS08ZR-01-C-N-0	TORQUE: 18.5-22 FT LBS	1
QTY. REQ'D.	NOMENCLATURE OR DESCRIPTION	PART OR IDENTIFYING NO.	SPECIFICATION	MATERIAL OR NOTE	ITEM NO.

Standard Grease Skip Row Duals Hose Kit**Parts List 600143: Standard Grease Skip Row Duals Hose Kit**

ITEM	PART NO.	QTY.	DESCRIPTION
1	600143-1-ZN	2	HOSE ASSY, 02-NPTX-2GREASE-18
2	610184	2	FITTING, -2MPT X -2FPT 90

CAB BOX ELECTRICAL

Cab Fold Box





ILLUSTRATED PARTS LIST

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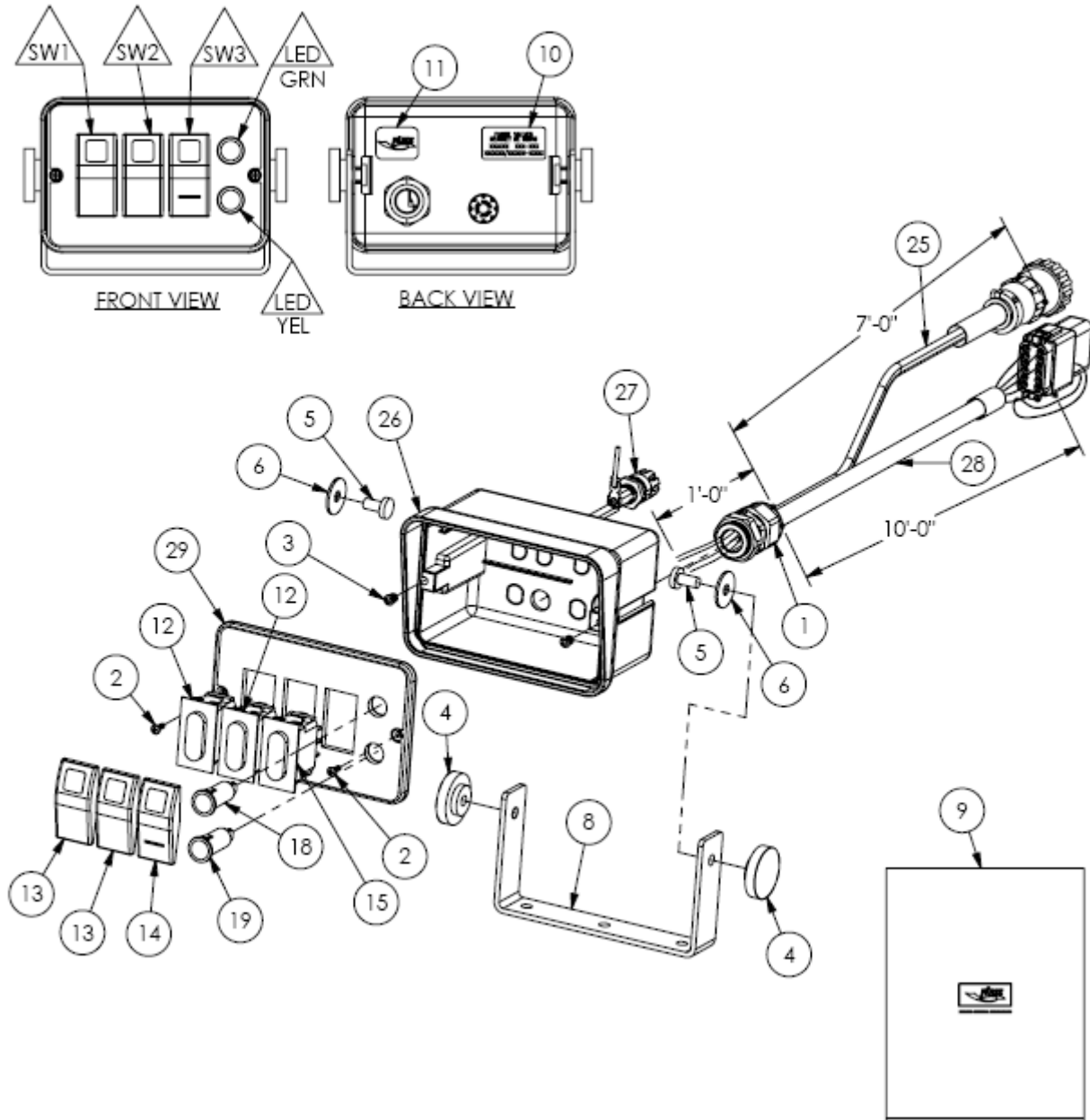
Parts List 632207: Cab Fold Box

PART #	QTY	DESCRIPTION	ITEM #
053-0159-181 (A1)	1	BOX, SHIPPING	1
115-0172-011	1	CABLE, CAN/POWER, ISO, SWITCHBOX, JOHN DEERE	2
053-0159-019	1	BOX, SHIPPING	3
053-0159-275	1	INSERT, KORRVU	4
063-0173-745	1	SWITCHBOX, FOLD, FAST ISO	5
053-0159-110	1	ENVELOPE, PLASTIC	6
311-0001-007	2	SCREW, 8-32 UNC x 5/16	7
311-0001-013	2	SCREW, 8-32 UNC x 1/2" PHL	8
313-4000-007	2	WASHER, #8 LOCK, EXT STL ZINC	9

This switchbox (063-173-745) is non-serviceable.

For the entire AutoFold 120'/132' kit, ask a Fast Ag Solutions Dealer for [632207](#).

Cab Agitation & Rinse Box

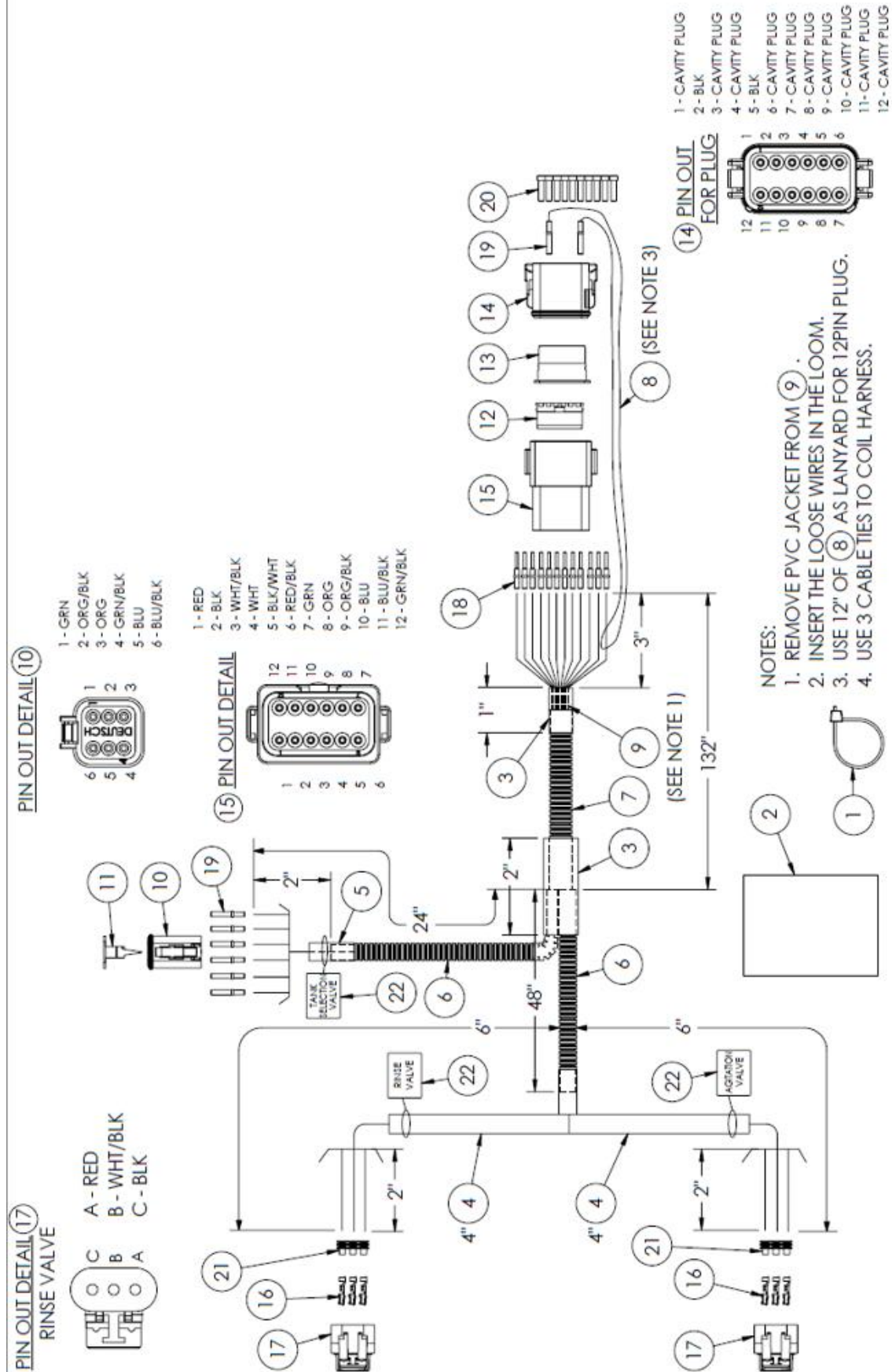


Parts List 632155: Cab Agitation & Rinse Box

NO.	PART NUMBER	QTY	PART DESCRIPTION
1	210-710	1	STR RLF HEYCO .23"-.54"ID, HOLE DIA .886"
2	212-184	2	SCREW PHIL PAN #6-32X3/8" BLK
3	212-202	2	SCREW INSERT BRASS #6-32X3/8"
4	212-215	2	KNOB FEMALE 1/4"-20
5	212-231	2	SCREW WELDED 1/4"-20X.625"
6	213-335	2	WASHER NYLON FLAT 1/4"-20
7	214-002	3	CABLE TIE BLK 8.5"
8	219-300	1	BRKT MNTR BLK AL
9	230-057	1	BAG POLY 14X18 2MIL LOGO
10	232-050	1	DECL S/N SILVER
11	232-058	1	DECAL FASSE BLK/GOLD 1"X.75" RND CRNR
12	250-242	2	SW RCK CONTURA BODY ONLY SPST 2P STAT CLEAR LED 12V
13	250-243	2	SW RCK CONTURA II ACTUATOR ONLY RED LENS BLK
14	250-244	1	SW RCK CONTURA II ACTUATOR ONLY RED/RED LENS BLK
15	250-245	1	SW RCK CONTURA BODY ONLY SPST 3P STAT CLEAR/CLEAR LEDS 12V
16	252-058	14"	WIRE 18GA BLK
17	252-059	14"	WIRE 18GA RED
18	254-179	1	LED GRN 12V 5/8"DIA SNAP FLUSH 1/4" MALE TRM
19	254-182	1	LED YEL 12V 5/8"DIA SNAP FLUSH 1/4" MALE TRM
20	255-002	6	TRM PO T-TAP F 18-14GA
21	255-006	7	TRM PO F INS 22-18GA
22	255-030	3	TRM SPLICE CLOSED END 16-18GA
23	255-119	1	TRM PO F INS 16-14GA
24	255-285	1	TRM SPLICE CLOSED END LRG 14-16GA
25	314-001	1	HRN 2CON 14GA AMP PLUG 3P(2) 8'
26	319-725	1	ENCL MNTR BOX 4.75"X3"X2"
27	320-529	1	FUSE HOLDER PM ASSY 7.5A .5'
28	320-607	1	HRN 12CON 18GA DTP KEY B 12P(12) 11' END CAP
29	320-609	1	ENCL DRILL FP MNTR RCK3 LED2 F00204

See also: [Distribution, Agitation & Rinse](#)

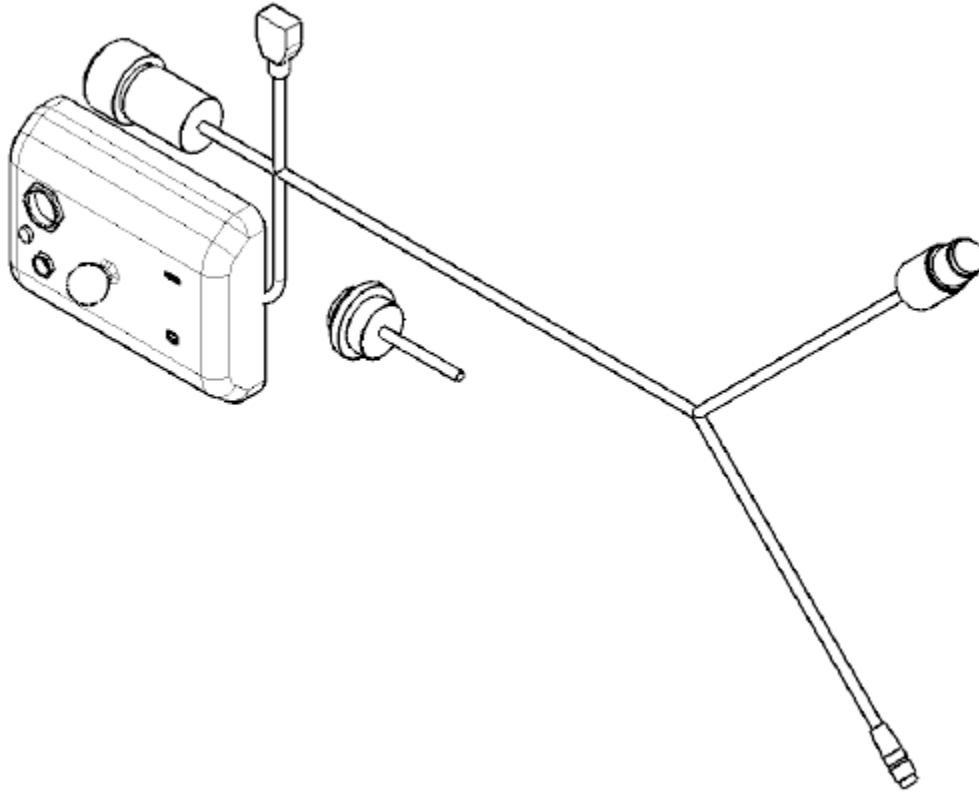
Cab Agitation & Rinse Box Harness



Parts List 632156: Cab Agitation & Rinse Box Harness

NO.	PART NUMBER	QTY	PART DESCRIPTION
1	214-002	3	CABLE TIE BLK 8.5"
2	230-007	1	BAG POLY 14X18 2MIL
3	231-009	3"	SHRINKTUBING .500" BLK
4	231-187	8"	SHRINKTUBING .187" BLK
5	231-375	2"	SHRINKTUBING .375" BLK
6	252-012	70"	LOOM 0CON .250" ID BLK
7	252-013	129"	LOOM 0CON .350"ID BLK
8	252-058	12"	WIRE 18GA BLK
9	252-064	15.5'	CABLE 12CON 18GA PVC GRY
10	255-209	1	CONN DEUT DT PLUG 6PIN
11	255-211	1	CONN DEUT LOCK WEDGE 6PIN DTP ORG
12	255-214	1	CONN DEUT LOCK WEDGE 12PIN DTR GRN
13	255-215	1	CONN DEUT LOCK WEDGE 12PIN DTP ORG
14	255-594	1	CONN DEUT DT PLUG 12PIN KEY B
15	255-625	1	CONN DEUT RCPT 12PIN KEY B
16	255-627	6	CONT M/P 150.2 PTS F 16-18GA
17	255-628	2	CONN M/P 150.2 PTS F 3PIN 16-18GA
18	255-977	12	CONT DEUT PIN 16-18GA
19	255-978	8	CONT DEUT SOCKET SIZE 16 16-20GA
20	255-979	10	CONT DEUT CAVITY PLUG
21	255-990	6	CONT M/P 150.2 PTS CABLE SEAL 16-18GA WHT
22	307-182	1	LABEL KIT FOR 320-612

Cab Display, Raven CR7

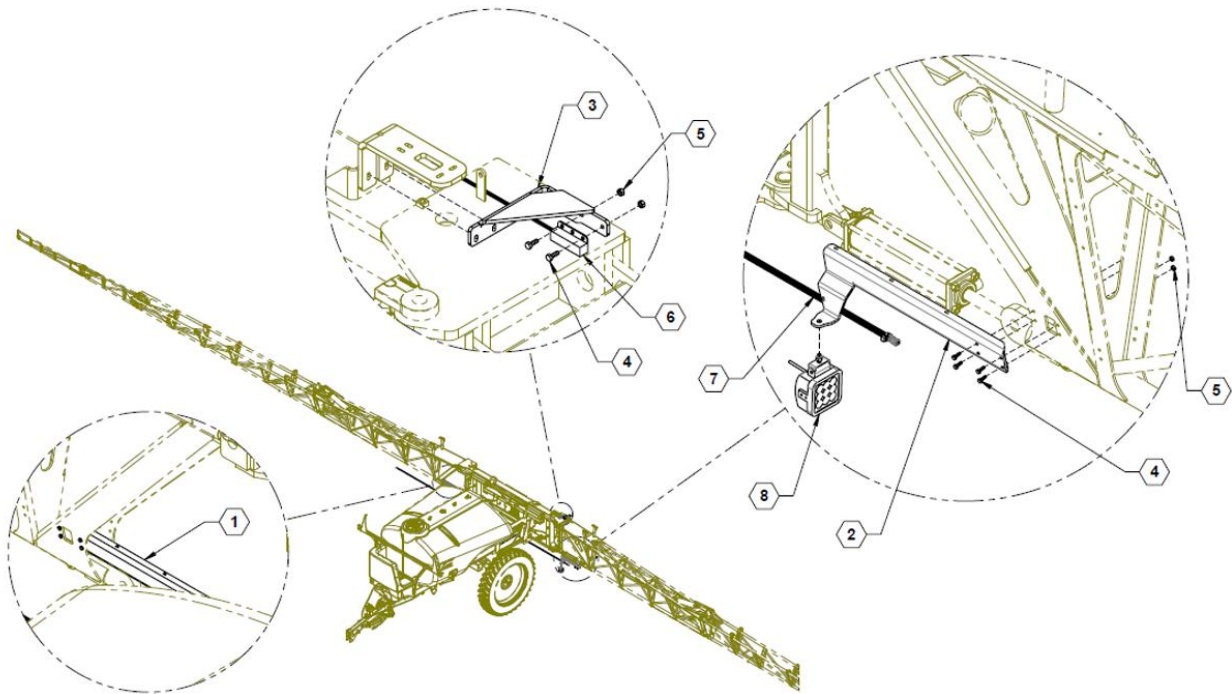


Parts List 9920RACR7ISOPH / 9920RACR7ISOPHJD / 9920RACR7ISOH: Cab Display, Raven CR7

ITEM	PART NO.	QTY.	DESCRIPTION
1	632063	1	RAVEN PRECISION CR7 DISPLAY
2	632066	1	CABLE, CR7 ISO VT ONLY
3	632064	1	CABLE, RAVEN ISO/POWER
	632065		CABLE, CAN/POWER OEM ISO
	632067		CABLE, DISPLAY PORT, Y ADAPTER

LIGHTS, DECALS, & TAGS

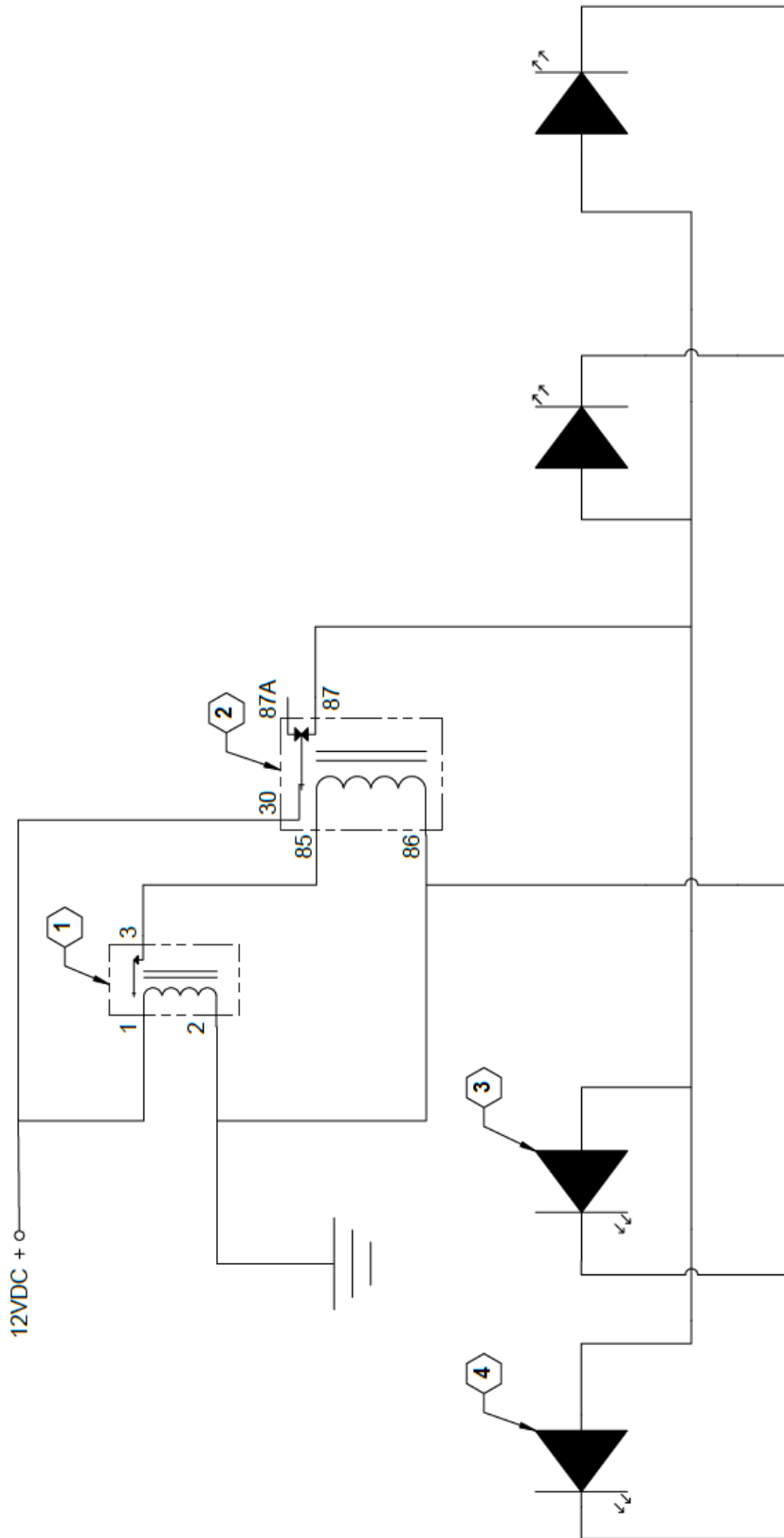
Blue Lights



Parts List 28750: Blue Lights

ITEM	PART NO.	QTY.	DESCRIPTION
1	28940	1	PLATE, RH SPRAY LIGHT BRACKET
2	28942	1	PLATE, LH BLUE SPRAY LIGHT MOUNT
3	28949	1	PLATE, PROX SWITCH MOUNT
4	596101M	10	BOLT, HH 1/4-20X3/4 GR5 MAGNI
5	596235M	12	NUT, CENTERLOCK, 1/4-20 MAGNI
6	632121	1	PROX SWITCH, PARKER
7	740057	1	HARNESS, BLUE SPRAY LIGHTS
8	740058	2	LARSEN BLUE LED SPRAY LIGHT

Night Light Schematic (830020)

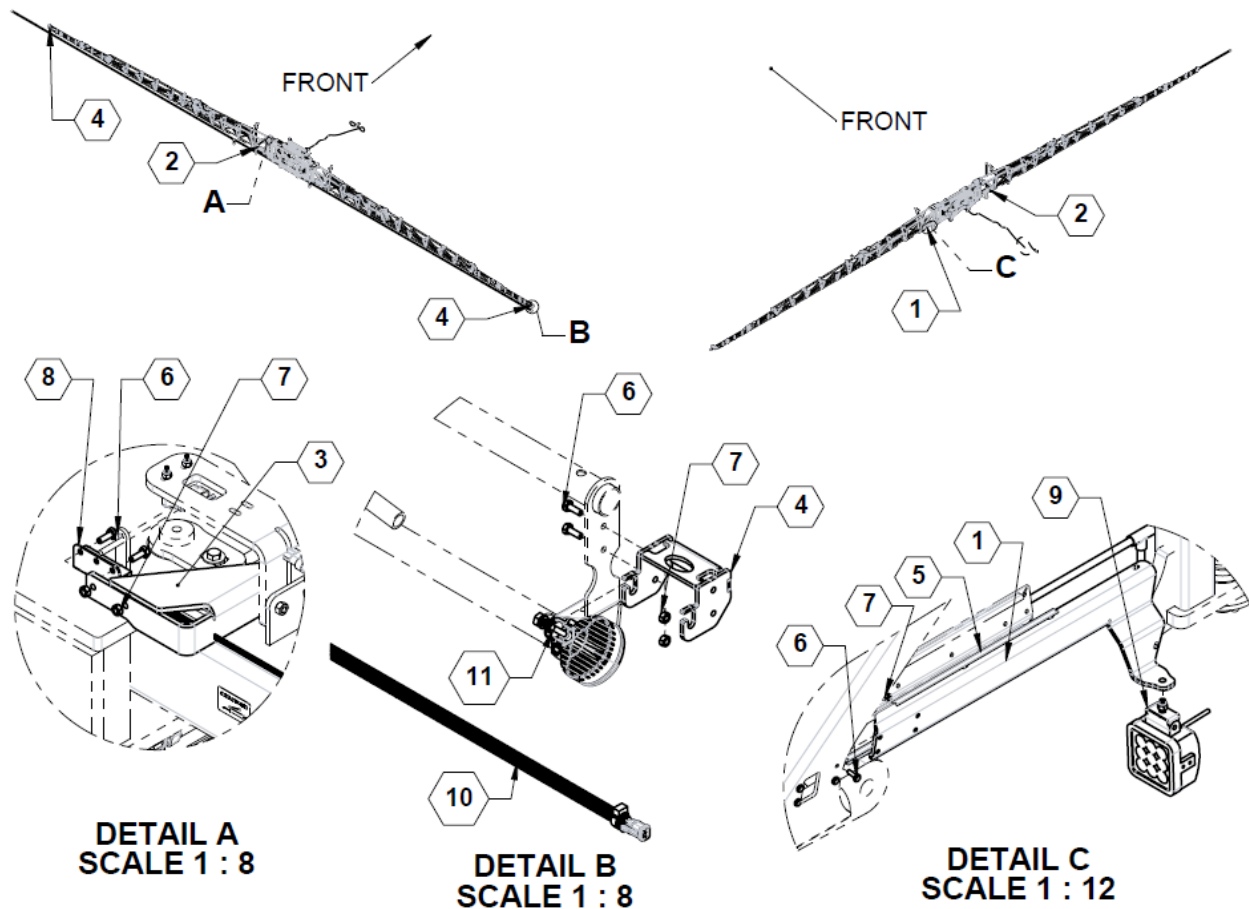


NO.	PART	DESCRIPTION
1	632121	PROX SWITCH
2	740079	RELAY
3	740058	BLUE LED
4	740082	RED LED

FAST AG SOLUTIONS	
UNLESS NOTED OTHERWISE: DIMENSIONS ARE IN INCHES & THE TOLERANCES ARE: X.X: +.060 X.XX: +.030 X.XXX: +.005 FRACTIONS: ± 1/16 ANGLE: ± 1° DIM. IN BRACKETS ARE (MM)	THE FOLLOWING INFORMATION IS FOR INFORMATIONAL PURPOSES ONLY AND DOES NOT CONSTITUTE A WARRANTY OR GUARANTEE OF ANY KIND OR A REPRESENTATION OF THE QUALITY OF THE PRODUCT OR THE PERFORMANCE OF THE PRODUCT OR THE QUALITY OF THE SERVICE PROVIDED BY FAST AG SOLUTIONS, INC. © 2023 FAST AG SOLUTIONS, INC. ALL RIGHTS RESERVED. IT IS A REGISTERED TRADEMARK.
DRAFTING BY ASN 7/23/2024 ENG/DESIGNER -	TITLE SCHEMATIC, ELECTRICAL, NIGHT LIGHT S-SERIES PART/DRAWING NO. 830020
SHT. 1 of 1 WGT: 0.00 #	REV A

REV	DATE	ECO	BY	DESCRIPTION
A	7/23/2024	2587	ASN	INITIAL RELEASE

Night Lights

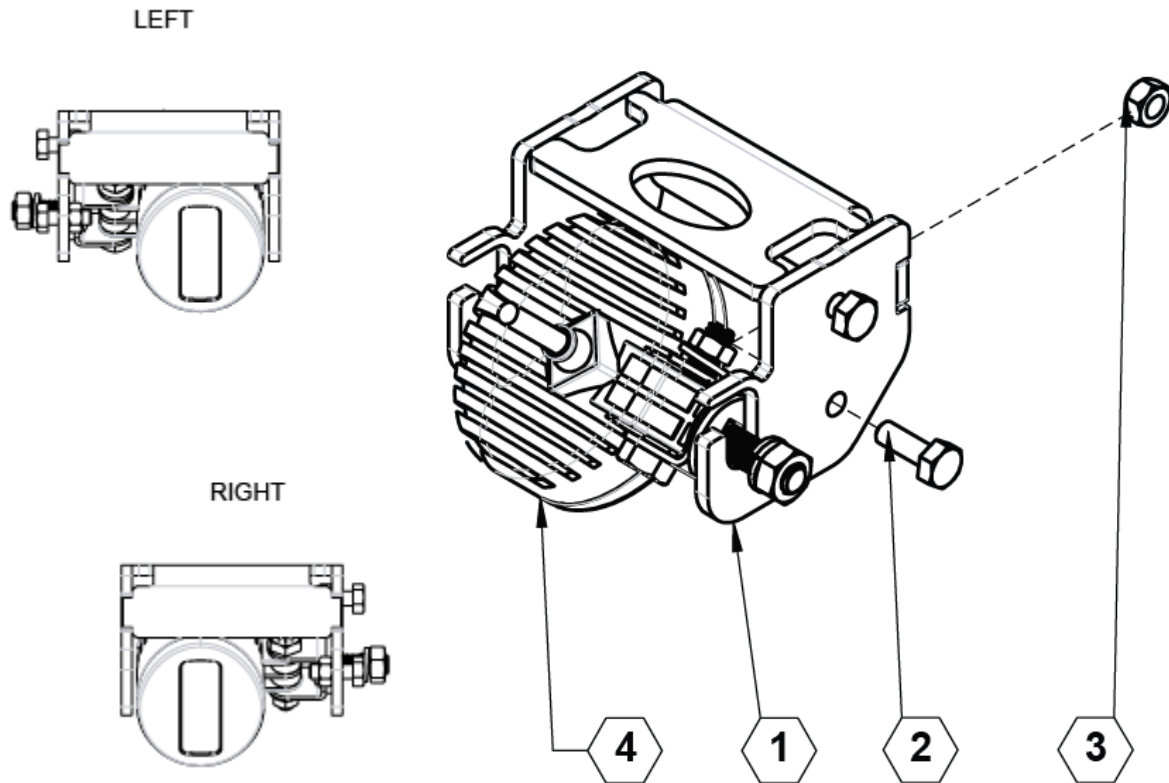


Parts List 36174 / 36211: Night Lights

ITEM	PART NO.	QTY.	DESCRIPTION
1	28940	1	PLATE, RH SPRAY LIGHT BRACKET
2	28942	1	PLATE, LH BLUE SPRAY LIGHT MOUNT
3	28949	1	PLATE, PROX SWITCH MOUNT
4	36180	2	WELDMENT, RED LIGHT BRACKET
5	590459	5	(FT) TRIM, EDGE GUARD 1/4
6	596101M	14	BOLT, HH 1/4-20 X 3/4 GR5 MAGNI
7	596235M	14	NUT, CENTERLOCK, 1/4-20 MAGNI
8	632121	1	PROX SWITCH, PARKER
9	740058	2	LARSEN BLUE LED SPRAY LIGHT
10	740076	1	HARNESS, NIGHT LIGHTS
11	740082	2	LIGHT, RED LED EDGE BEAM
N/S	740083	2	EXTENSION, 2P DEUTSCH HARNESS 6FT

See also: [End of Boom Marker](#)

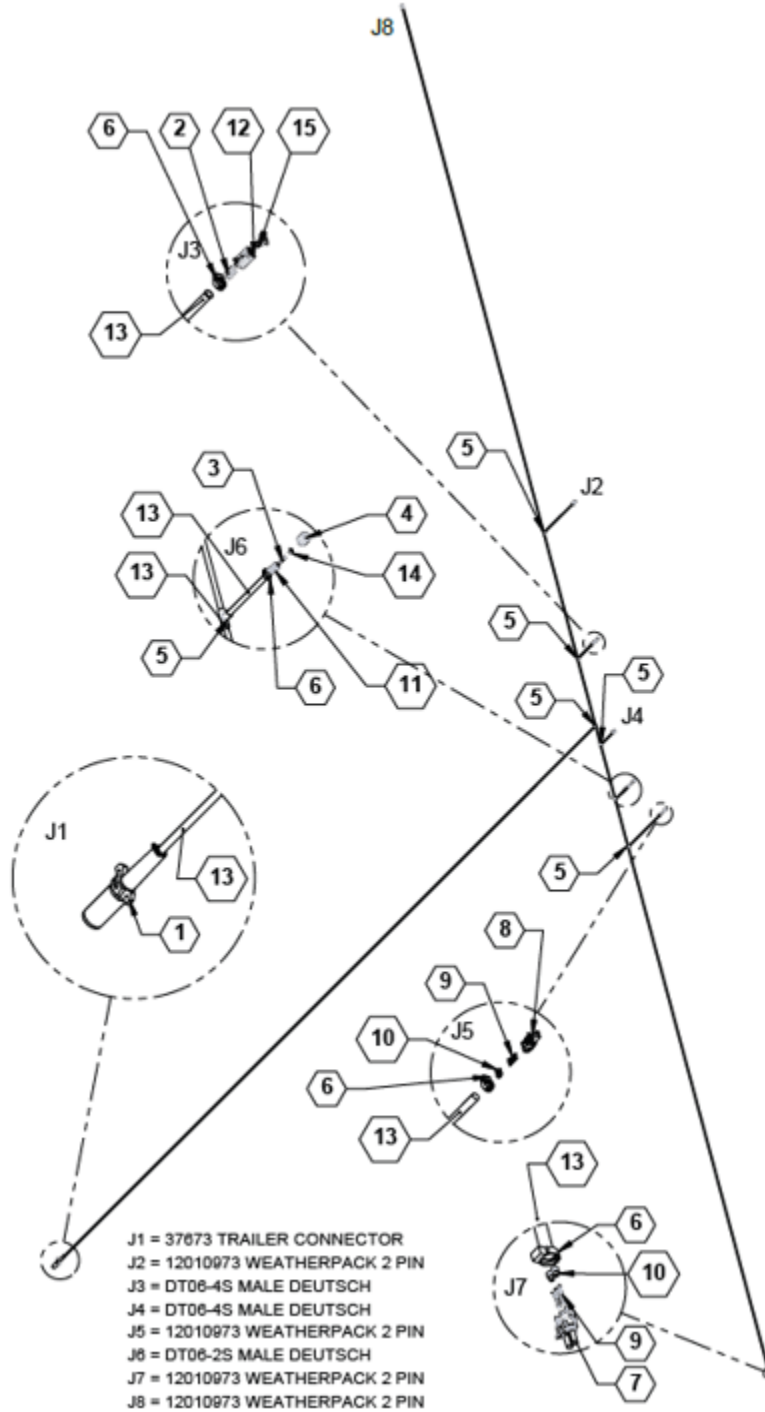
End of Boom Marker

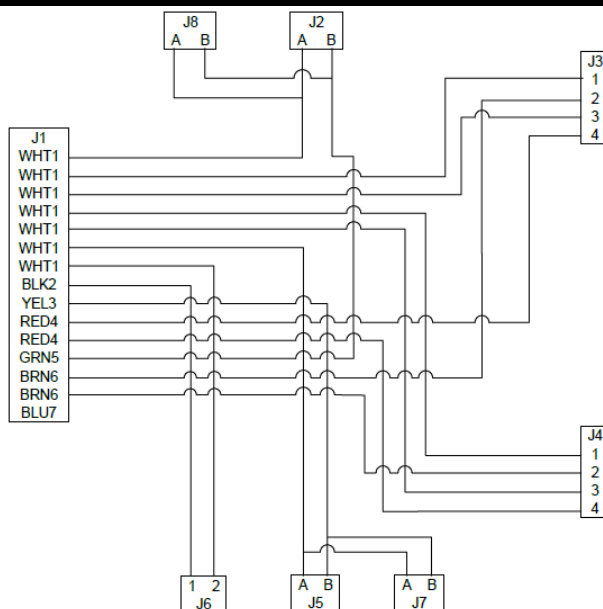


Parts List 36173: End of Boom Marker

ITEM	PART NO.	QTY.	DESCRIPTION
1	36180	1	WELDMENT, RED LIGHT BRACKET
2	596101M	2	BOLT, HH 1/4-20 X 3/4 GR5 MAGNI
3	596235M	2	NUT, CENTERLOCK, 1/4-20 MAGNI
4	740082	1	LIGHT, RED LED EDGE BEAM

Road Light Harness

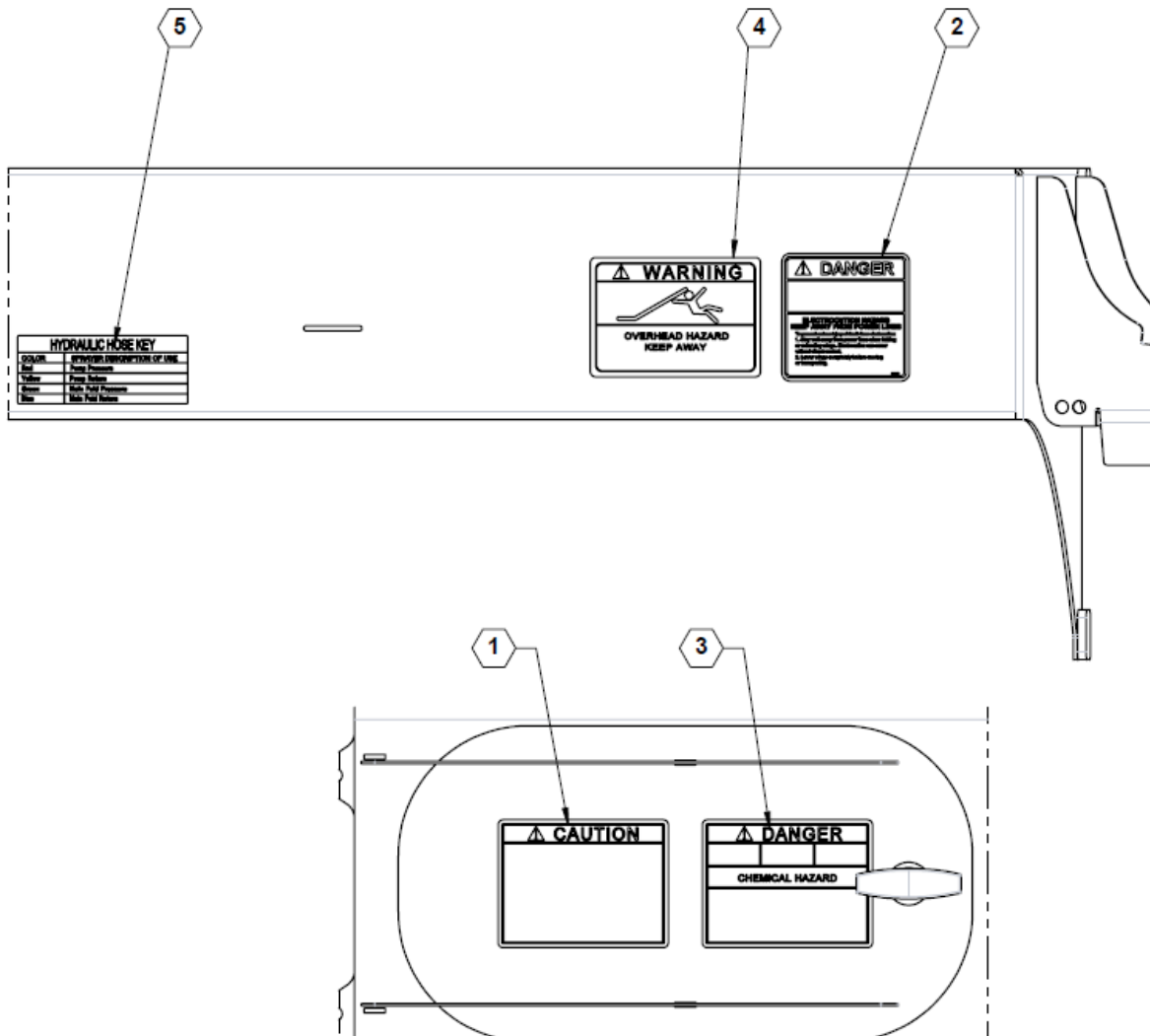




Parts List 740086: Road Light Harness

ITEM	PART NO.	QTY.	DESCRIPTION
1	11-704	1	WAYTEK POLLAK 7-WAY TRAILER CONNECTOR
2	0462-201-16141	8	DEUTSCH SIZE 16 FEMALE SOCKET
3	0462-209-16141	2	DEUTSCH FEMALE SOCKET 14 GA
4	1011-344-0205	1	DEUTSCH DT 2 PIN DUST CAP
5	8905798	5	WAYTEK DELPHI .41" LOOM TEE
6	8911295	1	WAYTEK DELPHI .625-.413" LOOM TEE
7	8911378	7	DELPHI .413 CONDUIT CLIP
8	12010973	2	DELPHI MALE 2-CONTACT WEATHER PACK
9	12015792	2	DELPHI MALE 2-CONTACT WEATHER PACK
10	12089188-L	8	18-20GA FEMALE TERMINAL
11	15324982	8	WAYTEK DELPHI 280 SERIES CABLE SEAL GREEN
12	DT06-2S	1	CONNECTOR, MALE DEUTSCH DT06-2S
13	DT06-4S	2	CONNECTOR, MALE DEUTSCH DT06-4S
14	LCN-413	1	WAYTEK 1/2 CORRUGATED LOOM BLACK
15	W2S-P012	1	DEUTSCH DT 2 PIN WEDGE LOCK PLUG
16	W4S-P012	2	DEUTSCH 4 PIN WEDGE LOCK GREEN
17	WG-14-BL	1	BLACK - 14 GA WIRE
18	WG-14-BR	1	BROWN - 14 GA WIRE
19	WG-14-RE	1	RED - 14 GA WIRE
20	WG-14-WH	1	WHITE - 14 GA WIRE
21	WG-18-BL	1	BLACK - 18 GA WIRE
22	WG-18-RE	1	RED - 18 GA WIRE
23	WG-18-WH	1	WHITE - 18 GA WIRE

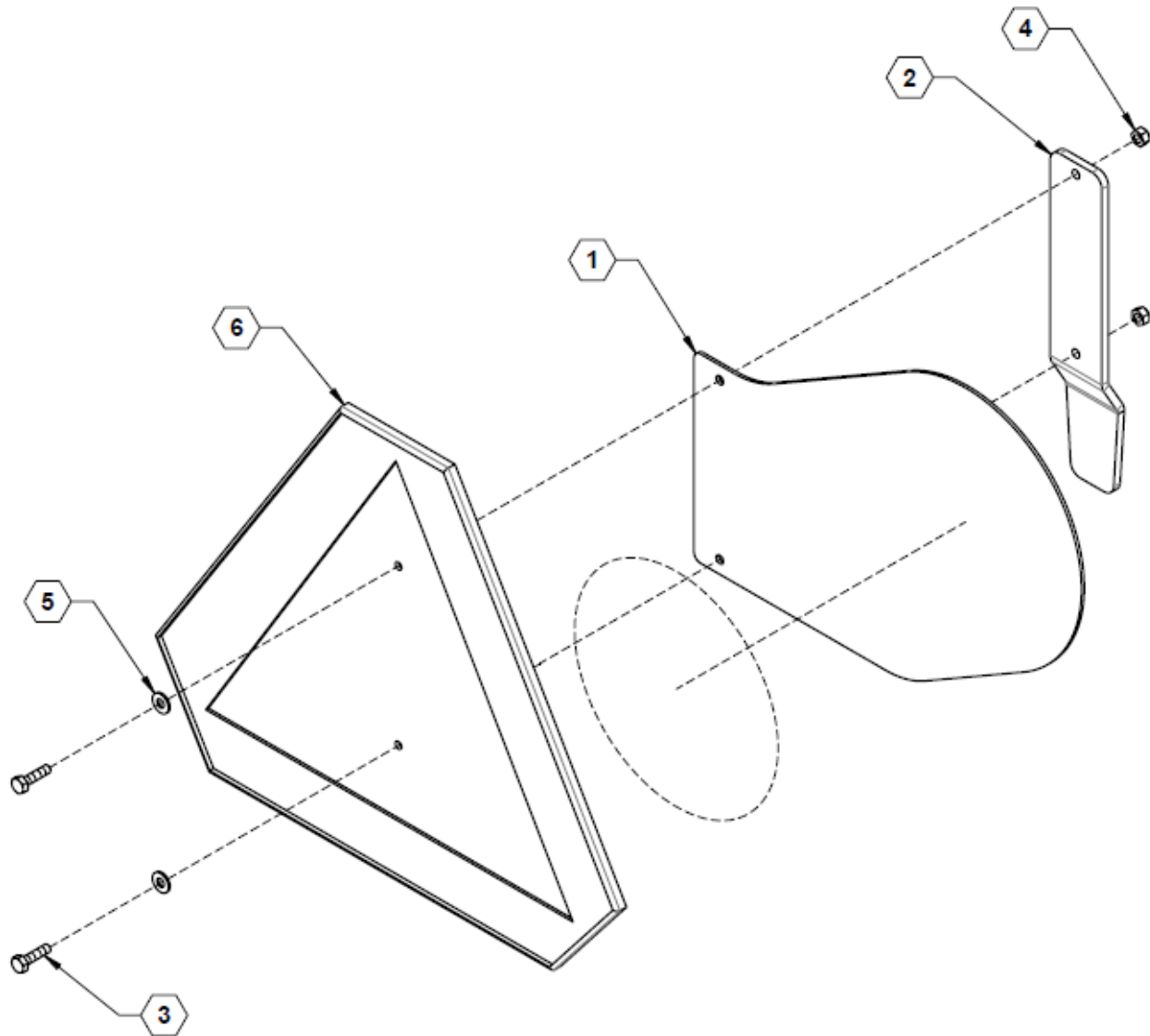
Plumbing and Operator Platform Decals



Parts List 36601: Plumbing and Operator Platform Decals

ITEM	PART NO.	QTY.	DESCRIPTION
1	800002	1	DECAL, CAUTION, STD SAFETY WARNINGS
2	800006	1	DECAL, DANGER ELECTROCUTION HAZARD
3	800007	1	DECAL, DANGER-CHEMICAL HAZARD
4	800009	1	DECAL, OVERHEAD WARNING
5	800208	1	DECAL, SPRAYER HYD HOSE KEY

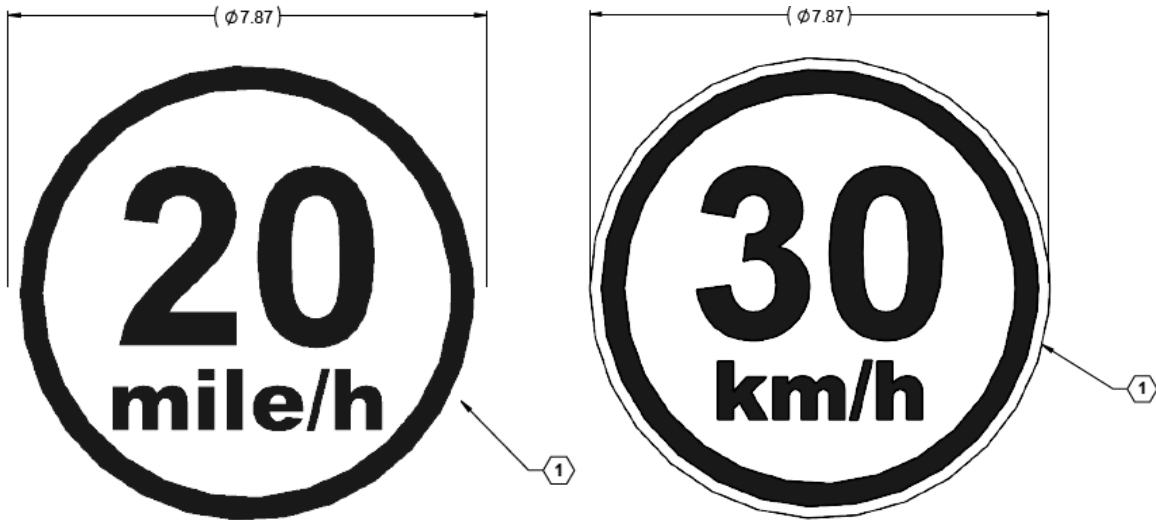
Slow-Moving-Vehicle Sign Assembly



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: Speed Decal

ITEM	PART NO.	QTY.	DESCRIPTION
1	35832	1	OPTION, 20 MILE/H DECAL
	35833	1	OPTION, 30 KM/H DECAL



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