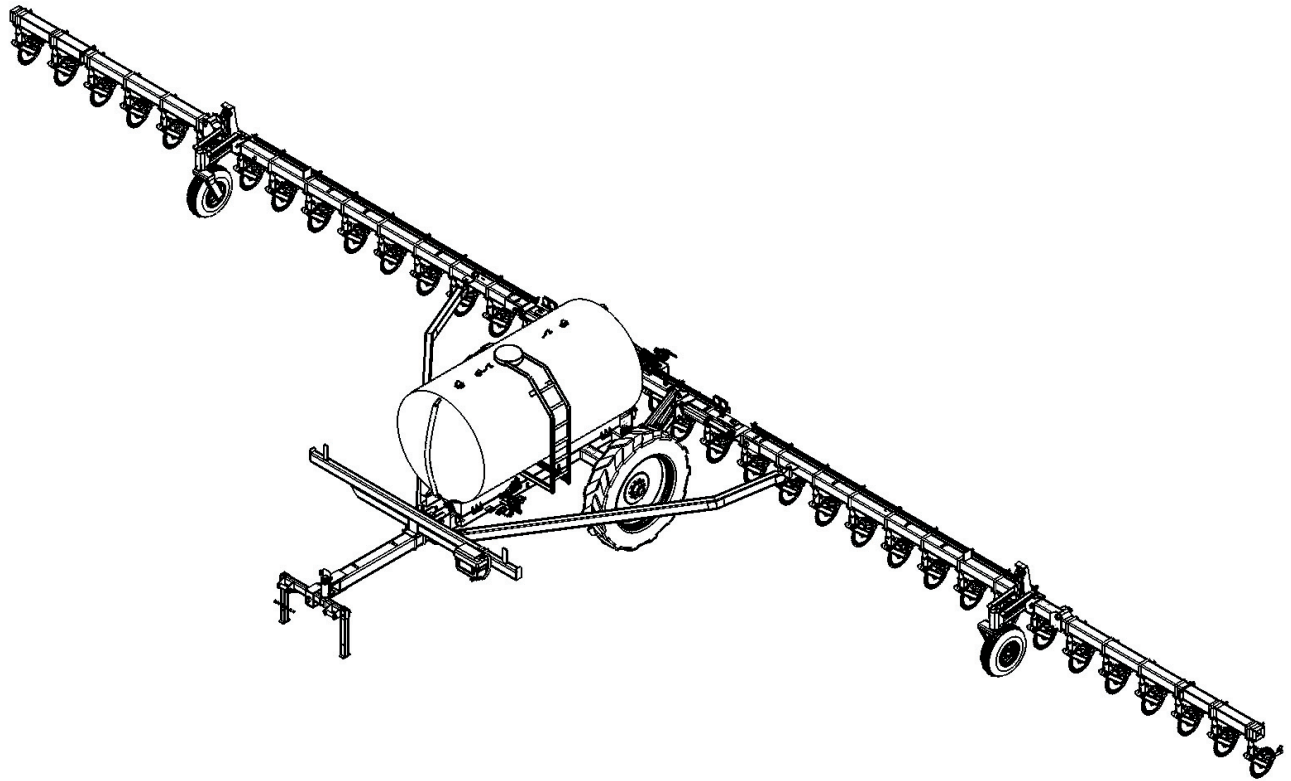


KONGSKILDE

PROGRESSIVE

2600 Toolbar Manual

Kongskilde
2600 Series



*Model may not be exactly as shown.
Kongskilde reserves the right to make changes to product designs and specifications without notice or obligation to rework.
Levelling attachments pictured on above unit sold separately.
See your local Kongskilde representative for current product specifications and options.

760002950 - Revision 1

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INTRODUCTION

This manual has been developed to assist you in operating and servicing your new Kongskilde product. Read it carefully: it will provide you with information that will enable you to obtain years of dependable service.

Before attempting to operate this equipment, read and understand this manual fully and follow all safety precautions. In addition, make sure that every individual who operates or works with this equipment is familiar with these instructions. Observation of these safety precautions will make your farm a safer place to work.



READ THE MANUAL BEFORE OPERATING
OR SERVICING THE MACHINE

Machine Identification

The machine manufacturer along with the model and serial number are provided on the metal Serial Number Plate located on the front of the Inner Hitch.

Please record the model and serial number of the machine on the registration form provided in the front of the book and have it ready for reference when making inquiries regarding spare parts or service information.

If you did not receive a warranty registration form, contact your dealer and they will obtain one for you. It is important that the warranty registration be completed and returned to Kongskilde to validate the warranty protection period.

SAFETY ALERT SYMBOL:

This safety symbol, is used to call your attention to instructions concerning the personal safety of the owner or operator.

WARNING! Do not operate this machine unless you have read and understood the instructions and safety information in the Kongskilde Operator's Manual.

Failure to follow the instructions for safe operation of the equipment could result in serious injury or death. Proper care and operation of this implement is your responsibility.

Contact your dealer or Kongskilde for replacement manuals, safety decals and replacement parts.



SAFETY KEY WORDS & ALERTS:

The key words - DANGER, WARNING and CAUTION, used alone or in combination with the Safety Hazard Alert Symbol in this Operators Manual and on Safety Decals located on the framework of the machine, are used to identify hazards on or near the implement.

Safety Instructions indicate procedures which must be followed to avoid hazards.

Hazard Alerts are identified by the key word, and the symbol:

DANGER - An immediate hazard which **WILL** result in severe personal injury or death if the proper precautions are not taken.

WARNING - A potential hazard or unsafe practice which **COULD** result in serious personal injury or death if the proper precautions are not taken.

CAUTION - A potential hazard or unsafe practice which **COULD** result in personal injury or in product or property damage if the proper precautions are not taken.

SAFETY DECALS:

Safety Decal Locations:

Safety Decals are located on the framework of the implement. The specific locations are chosen to provide optimal visibility to the operator or bystanders. In the case of hidden or obstructed hazards or safety precautions, the decals may be located on or near the hazard, or other convenient locations near hook-up points, adjustment devices or service points frequently visited by the operator.

Please read and obey all safety decals on the machine. Ensure they are kept clean and in good condition. Kongskilde is committed to safety and provides replacement safety decals and operator manuals at no charge if they become lost, damaged or illegible.

Each safety decal is identified by a part number, and are available through your Kongskilde Dealer.

IMPORTANT NOTICE:

Kongskilde cannot anticipate every possible circumstance that might involve a hazard with this product. The hazard alerts and safety instructions in this publication and on the product are therefore not all inclusive. If a tool, procedure, work method or operating technique not specifically recommended by Kongskilde is used, you must satisfy yourself that it is safe for you and others. You must ensure that the implement will not be damaged or made unsafe by the operation, maintenance or repair procedures you choose.

Kongskilde will not be held responsible for any unauthorized modifications made to this product and will immediately void the warranty coverage.

PRODUCT SAFETY PRECAUTIONS



Make certain all safety decals, reflectors and SMV signs are applied to your machine. Refer to your local governmental regulations for more information on proper procedures and markings for safe road transport in your area.



IMPORTANT NOTE: This unit has a narrow transport width and a high center of gravity which may pose a tipping hazard when folded for transport.



Do not transport over 30 kmh (20 M.P.H.) Reduce speed in adverse weather, when turning or travelling on inclines or uneven ground. Always start and stop slowly.



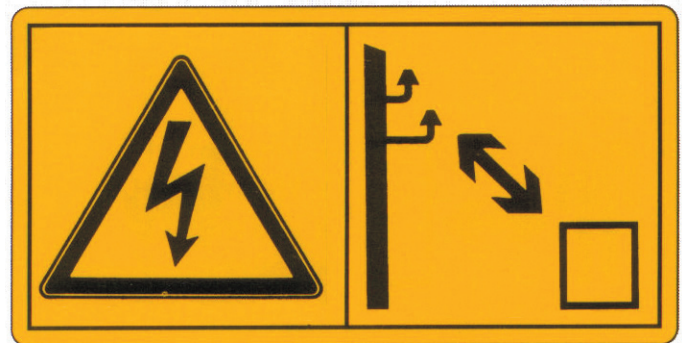


The operator is responsible at all times to comply with the local government regulations and insure the safe transport of the implement when transporting large or oversized implements on public or private roadways. Careful consideration must be given in order to prevent accidents with other vehicles and avoid coming in contact with obstacles such as: bridges, tunnels, overpasses, guard rails, road signs, traffic lights, power lines, public utilities, and other structures that may be encountered along the chosen route. In some jurisdictions the operator may be required to obtain special permits or arrange for escorts before transporting oversized equipment. Kongskilde is not liable for personal or property damage caused by inappropriate, unauthorized or unsafe transport or operation of equipment.



DANGER! Watch for wires.

Take care when transporting, folding or unfolding the implement around power lines. Serious injury or death to the operator or bystanders will result through direct or indirect contact with power lines.

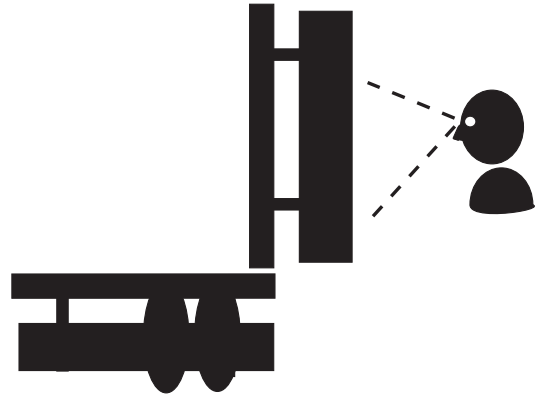


Never unfold when there are bystanders in the area of the wing fall zone. Be certain all persons are clear of working area in and around the machine whenever folding, unfolding, raising or lowering the machinery or in any way using the hydraulic system.





Be alert when walking around the machinery in the folded transport position to avoid walking into the edge of a sharp blade. Severe head or body injury could result.



Make sure that the tractor is shifted into park before getting out to remove any locking devices or to make any adjustments on the machine.

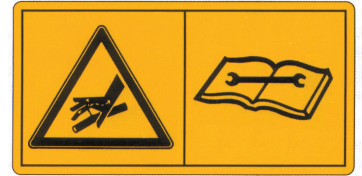


Never remove transport lockout devices or unfold the unit unless cylinders are completely full of oil. Failure to properly charge the folding hydraulics with oil could allow the wings to free fall when unfolding, causing damage to the equipment and possible injury to the operator or bystanders. Never fold the implement wings by any mechanical method! Always charge the hydraulic system first and use it to fold and unfold the wings. Stand clear of the machine and watch for overhead hazards or objects in the wing-fall zone when folding and unfolding.

MAINTENANCE & LUBRICATION



Use extreme caution around suspected hydraulic leaks or damaged hose lines. Hydraulic fluid under pressure can be extremely dangerous. Always wear hand and eye protection. Always lower the machine to the ground and release hydraulic pressure before performing maintenance to the hydraulic system.



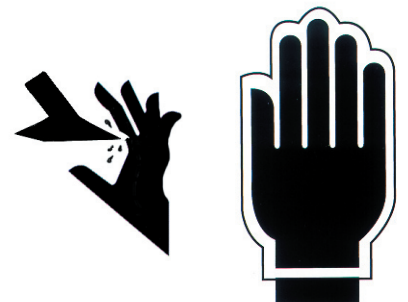
Take care to keep the floor area clean when performing maintenance to the machine. Help protect our environment and prevent injuries from falls by cleaning up any spilled or leaking fluids with absorbent products. Take care to dispose of contaminated rags or absorbents in accordance with your local environmental regulations. Put away tools and roll up any air lines or electrical cords that were used when making repairs to the equipment and dispose of scrap materials or worn out parts in an appropriate manner.



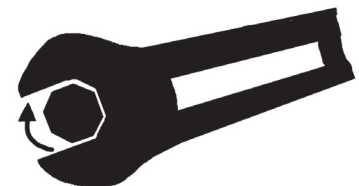
Never crawl under the machine to make repairs or adjustments unless you have properly blocked and supported the frame. The machine must be secured in a fixed position in order to prevent it from moving or falling before making any attempt to work underneath. Use suitable shop stands or lifting devices that can support the entire weight of the implement. Never use cement blocks, bricks, hollow tiles or other props that may crumble or collapse under continuous load.



Wear gloves when working around the blades as edges are extremely sharp.



Regularly check all nuts and bolts for tightness and secure if loose. Replace worn out or damaged machine components. Establish a good routine for regular inspection, lubrication and maintenance in order to keep the machine in good operating condition.



Lubrication Diagram

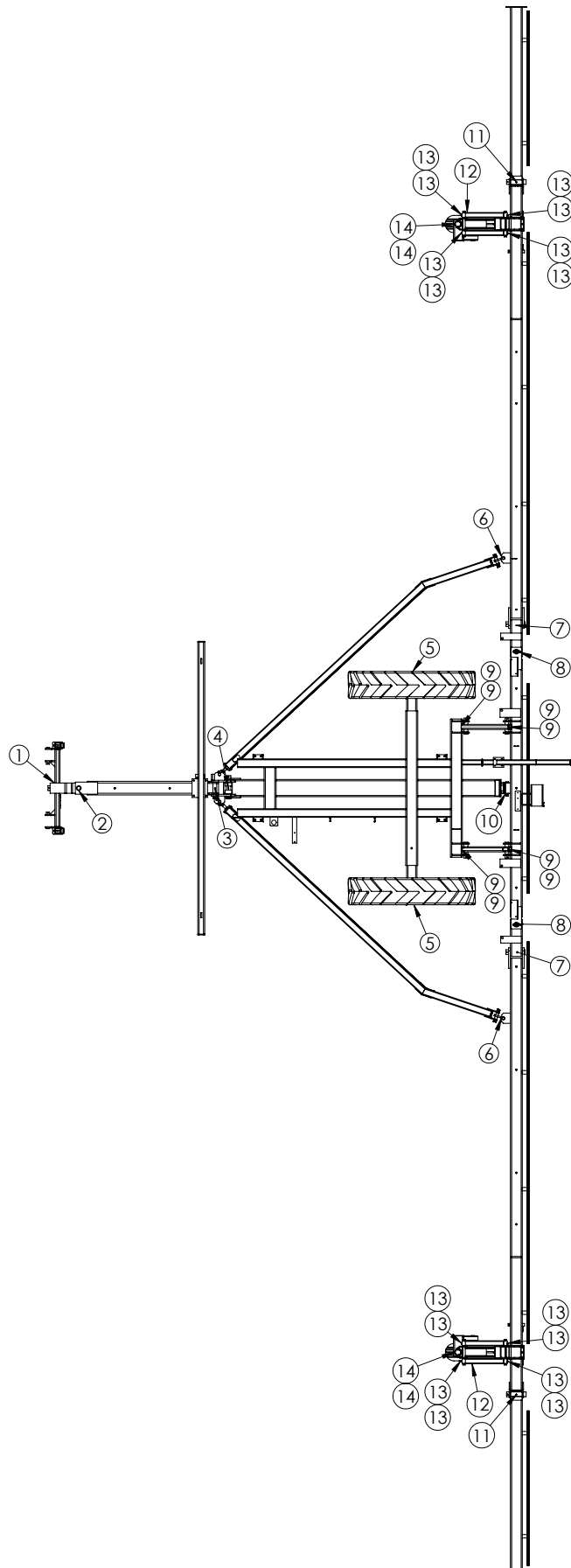


Fig	Description
-----	-------------

- | | |
|----|------------------------------|
| 1 | 2-Point Pivot Bushing |
| 2 | Inner Hitch Pivot Bushing |
| 3 | Quick Hitch Bushing |
| 4 | Hitch Tube Roller Bushing |
| 5 | 10 Bolt Hub |
| 6 | Pullarm Pivot Bushing |
| 7 | Outer Bushing of Wing Hinge |
| 8 | Inner Bushing of Wing Hinge |
| 9 | Main Frame Linkage Bushing |
| 10 | Safety Latch Bushing |
| 11 | Outer Wing Hinge Bushing |
| 12 | 8 Bolt Hub |
| 13 | Caster Wheel Linkage Bushing |
| 14 | Caster Wheel Pivot Bushing |

*Lubricate Each Zerk After Every 10 Hours of Operation

*Clean and Repack Wheel Bearings Annually



TIRE PRESSURE:

Explosive separation of tire and rim can result in serious injury or death. To prevent tire explosion, maintain proper tire pressure. Inflating a tire below or above the recommended pressure can result in tire damage (see illustration below). Tires should only be mounted by properly trained personnel. Replace damaged or worn tires and rims immediately. Replace all missing lug nuts and bolts.

OPERATING PRESSURE RECOMMENDED BY TIRE MANUFACTURER:

Titan 14.9R46 (Main Frame).....Inflate to 68 psi (468.8 kPa)

Titan 12.5L-15SL (Wings).....Inflate to 52 psi (358.5 kPa)



HYDRAULIC TROUBLE SHOOTING CHART

Problem	Cause	Remedy
1) Hydraulic cylinders do not work in unison. Cylinders seem spongy.	Air in System	Raise machine to highest transport position. Hold the hydraulic lever on the tractor in the "raise" position for approx. 30 seconds. Flow passes through the cylinder bypass ports to flush air out of the system.
2) One wing raises while the other lowers.	Hose connections wrong.	Check circuit according to the hose layout diagram.
3) One section of implement settles down in use.	a) External leak from cylinder, hose or fitting.	Repair leaking component.
	b) Internal leak in cylinder.	Install new cylinder seal kit in the wing cylinder that settles.
4) Both wing sections settle.	a) Tractor valve leaking back.	To check, remove hose from the tractor when wings are level. This eliminates the tractor valve from the circuit. CAUTION: Make certain your tractor connections safely allow this operation.
5) Air returns to system causing problems 1, 3, 4 to recur.	a) Air entering system.	Check tractor oil level. Check tractor hydraulic pump.
	b) See item 3.	See item 3. Note: A mixture of oil and air forms a foam which may give unexpected results. It may take a few hours use before all foam is expelled.

HYDRAULIC TROUBLE SHOOTING CHART

Problem	Cause	Remedy
1) Hydraulic cylinders do not work in unison. Cylinders seem spongy.	Air in System	Raise machine to highest transport position. Hold the hydraulic lever on the tractor in the "raise" position for approx. 30 seconds. Flow passes through the cylinder bypass ports to flush air out of the system.
2) Wing cylinder contracts when master extends.	Hose connections wrong.	Check circuit according to the hose layout diagram.
3) Wing cylinders stroke further than master cylinder when retracting wings too deep, or: One wing cylinder will not retract fully when all others are retracted.	a) Wrong hose connections. b) Cylinder sizes or locations wrong.	Check circuit according to the hose layout diagram. Check cylinder locations and sizes according to hydraulic layout diagram.
4) One section of implement settles down in use.	a) System not being re-phased. b) External leak from cylinder, hose or fitting. c) Internal leak in cylinder.	When the cylinders are extended fully each cylinder bypasses a small amount of oil to allow other cylinders to catch up. This rephasing is done each time the implement is raised fully to the top and must be done periodically and is recommended at each end of the field. Repair leaking component. Install new cylinder seal kit in the wing cylinder that settles.
5) Entire machine settles.	a) Tractor valve leaking back.	To check, remove hose from the tractor when implement is raised. This eliminates the tractor valve from the circuit. CAUTION: Make certain your tractor connections safely allow this operation.

Problem	Cause	Remedy
5) Entire machine settles.	b) External leak. c) Wing cylinder and master cylinder leaking internally.	Repair leaking component. Install new cylinder seal kits.
6) Machine settles in transport or while parked.	Not using the transport lock.	The hydraulic system is not intended to hold the implement up permanently. A slow settling when not in use is normal.
7) Cylinders will not rephase.	a) Dirt blocking bypass ports in cylinder. b) Faulty cylinder.	Air pressure can be used to determine which cylinder will not bypass when extended. Rephasing cylinder and repair parts must be used in this service.
8) Air returns to system causing problems 1, 4, 5 to recur.	a) Air entering system. b) See item 7.	Check tractor oil level. Check tractor hydraulic pump. See item 7. Note: A mixture of oil and air forms a foam which may give unexpected results. It may take a few hours use before all foam is expelled.
9) Center section is not level or goes out of level in use.	a) A frame or wheel link bolt or pin bent or broken. b) A frame or wheel linkage bent. c) Wheel links were not set in the same position.	Replace broken bolt. See Dealer for instructions on straightening ore replacement of bent parts. Always adjust wheel towers the same.
10) Both center section and one wing settle together. Remaining wing raises or stays at the top.	Internal leak in the master cylinder.	Install new cylinder seal kit.

Safety Latch Assembly

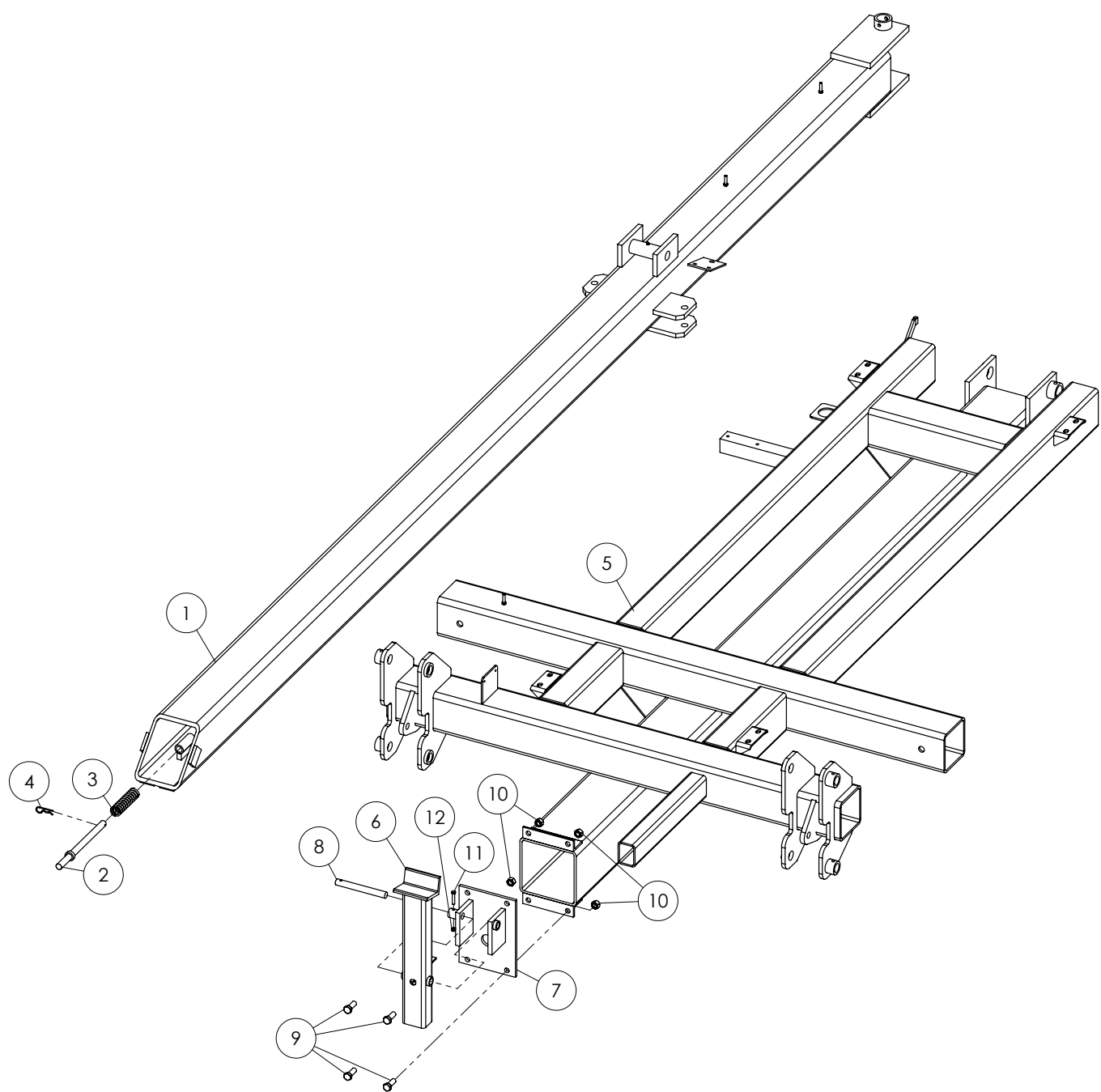
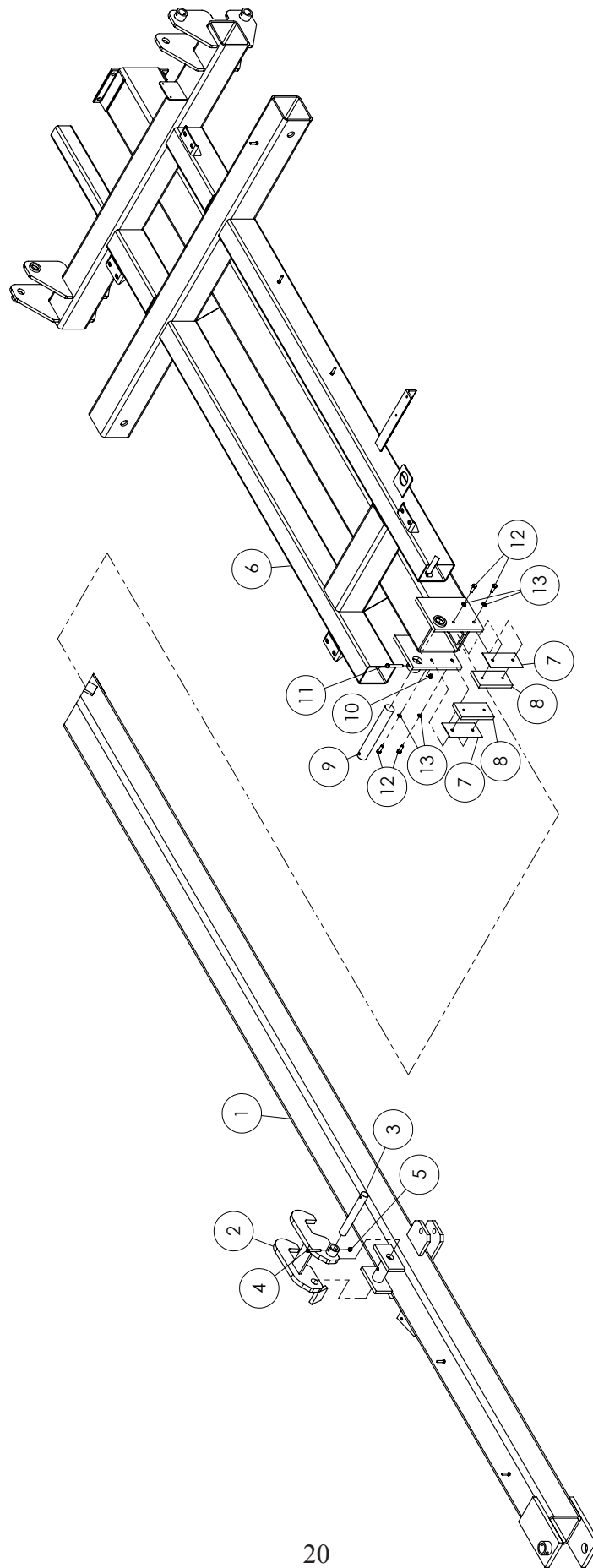


Fig.	Part no.	Qty	Description
1	760022011	1	Inner Hitch Weldment
2	760022031	1	Safety Lock Pin Weldment
3	76400123	1	Disk Sealer Compression Spring
4	600383117	1	1" Ring Cotter Clip
5	760022012	1	Mainframe Weldment
6	760022022	1	Safety Arm Weldment
7	760022021	1	Safety Arm Mount Weldment
8	760021121	1	Hinge Pin
9	76101105	4	Bolt 1/4"-20 x 2-1/2" -Plated Gr. 5
10	600366024	4	Stover Locknut Type C - 3/4" -UNC
11	600356111	1	Bolt 3/8" x 2" Gr. 5
12	600366028	1	Stover Locknut Type C - 3/8" -UNC

Inner Hitch - Main Frame Assembly

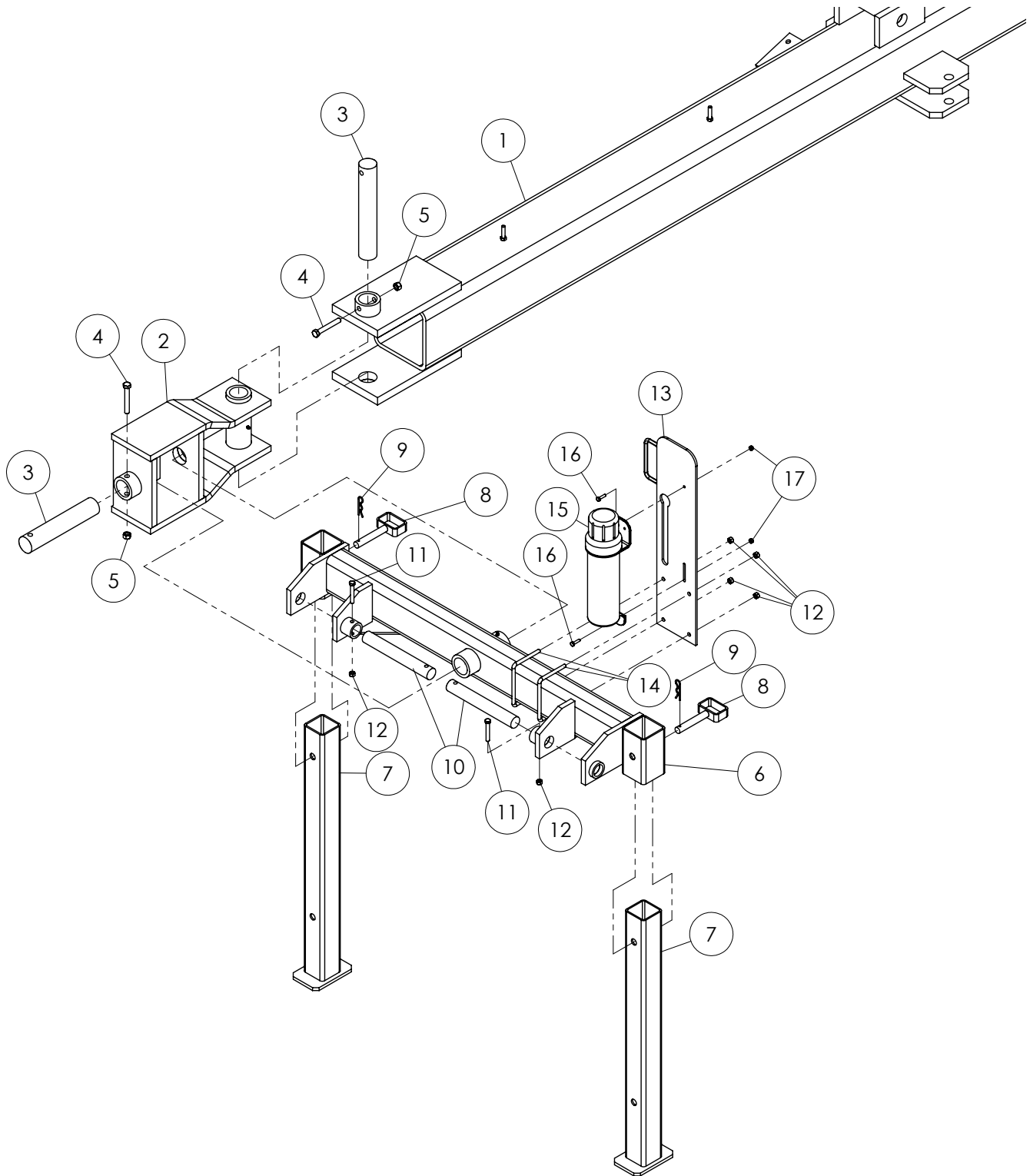


Inner Hitch - Main Frame Assembly



Fig.	Part no.	Qty	Description
1	760022011	1	Inner Hitch Weldment
2	760022027	1	Safety Latch Weldment
3	76602128	1	Hinge Pin
4	600356132	1	Bolt 7/16" x 3" Gr. 5
5	600366100	1	Stover Locknut Type C - 7/16" -UNC
6	760022012	1	Main Frame Weldment
7	76400183	2	4" x 8" x 12ga. Shim Plate
8	76400184	2	3/4" x 4" x 8" Shim Plate
9	766022552	1	Roller Hinge Pin
10	600365009	1	Standard Nut 1/2" (Plated)
11	600356137	1	Bolt 1/2" x 3-1/2" Gr. 5
12	76101148	4	Bolt 1/2"-13 x 1-1/2" Plated Gr. 5
13	600382051	4	Lock Washer 3/8"

Pull Hitch Assembly

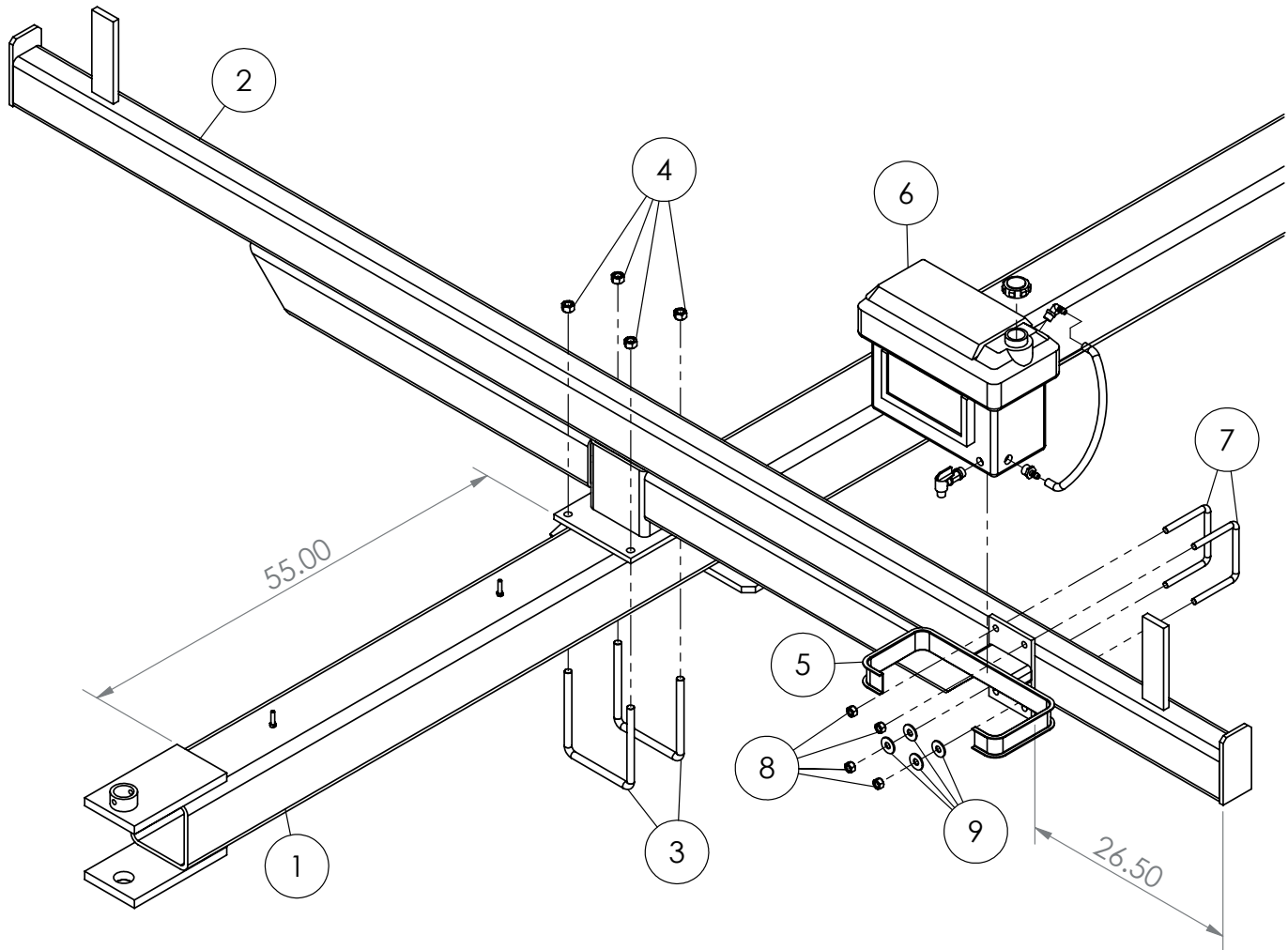


Pull Hitch Assembly



Fig.	Part no.	Qty	Description
1	760022011	1	Inner Hitch Weldment
2	760022008	1	Pull Pivot Weldment
3	76602133	2	Hinge Pin
4	600356137	2	Bolt 1/2" x 3-1/2" Gr. 5
5	600365009	2	Standard Nut 1/2" (Plated)
6	760022009	1	3 Point Crossbar Weldment
7	760022020	2	Jack Stand Weldment
8	76801666	2	Jack Stand Pin Weldment
9	76101250	2	1/8" x 2-1/2" Hair Pin
10	760021118	2	Lift Pin
11	600356007	2	Bolt 3/8" x 2-1/2" Gr. 5
12	600366028	6	Stover Locknut Type C - 3/8" -UNC
13	760022035	1	Manual Tube and Hose Holder Weldment
14	7600373120	2	U-Bolt 3/8" x 5" x 3-3/4" Gr. 5
15	600600268	1	Owners Manual Tube Complete
16	600356138	2	Bolt 1/4" x 1" Gr. 5
17	600366026	2	Stover Locknut Type C - 1/4" UNC

Wing Rest - Wash Tank Assembly

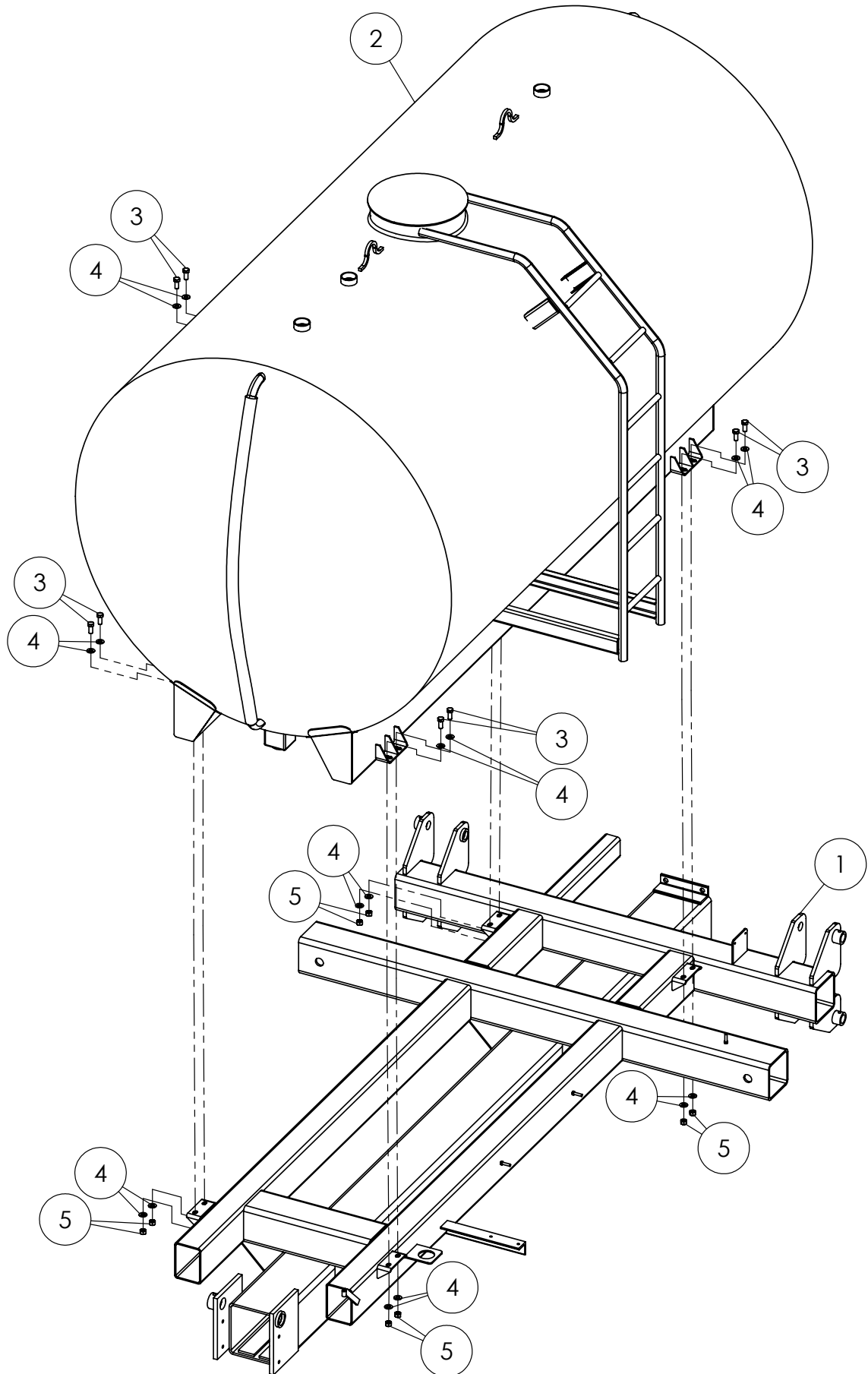


Wing Rest - Wash Tank Assembly



Fig.	Part no.	Qty	Description
1	760022011	1	Inner Hitch Weldment
2	760022026	1	Cross Bar Weldment
3	76101492	2	3/4"-10 x 8" x 9-1/2" U-Bolt Plated
4	600366024	4	Stover Locknut Type C - 3/4" -UNC
5	768011021	1	Wash Tank Bracket Weldment
6	767500030	1	Wash Tank - Complete
7	601140514	2	U-Bolt 5/8" x 6" x 5-5/8"
8	600366031	4	Stover Locknut Type C - 5/8" -UNC
9	600381023	4	Flat Washer 1/4"

Tank Assembly

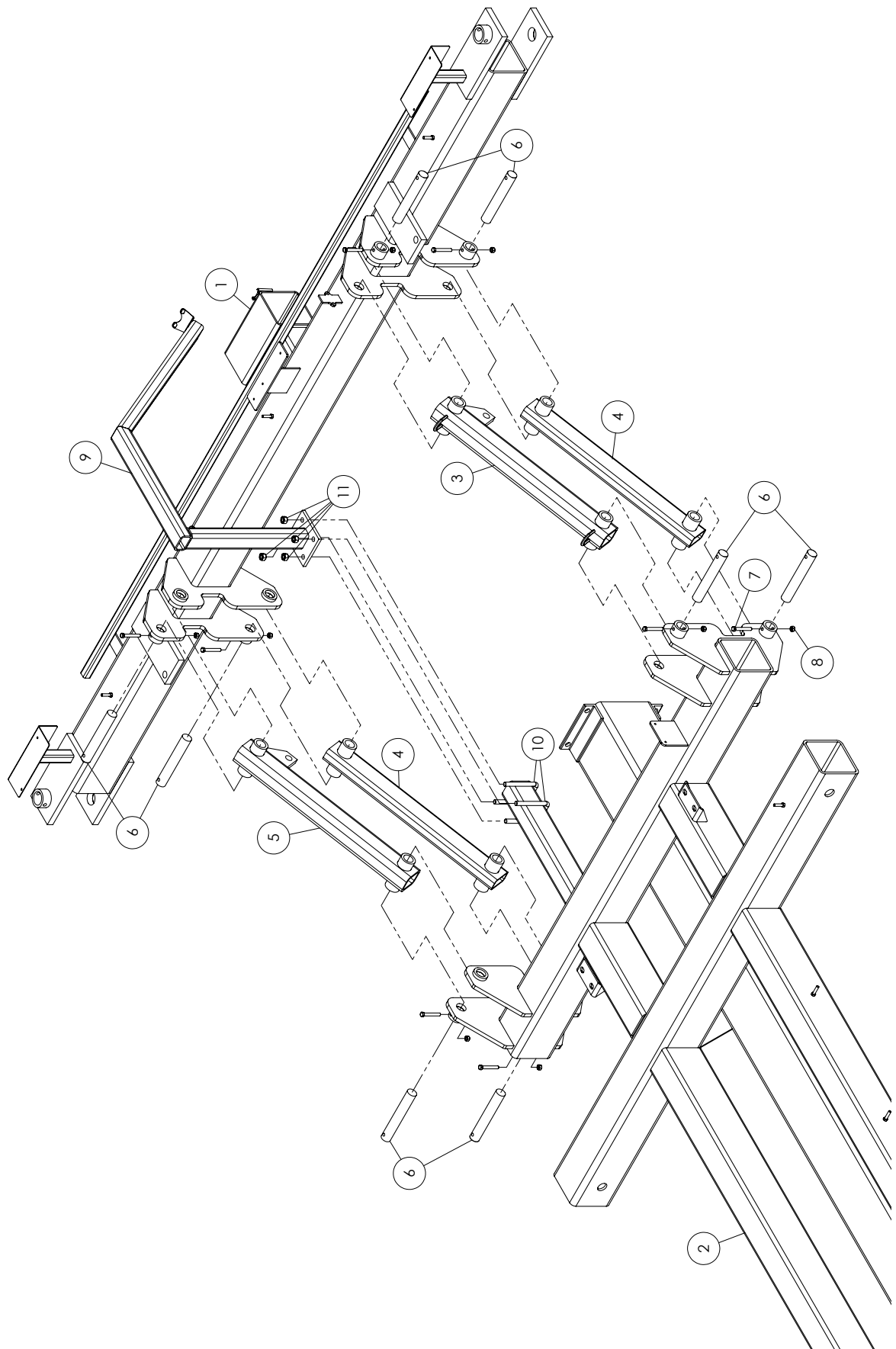


Tank Assembly



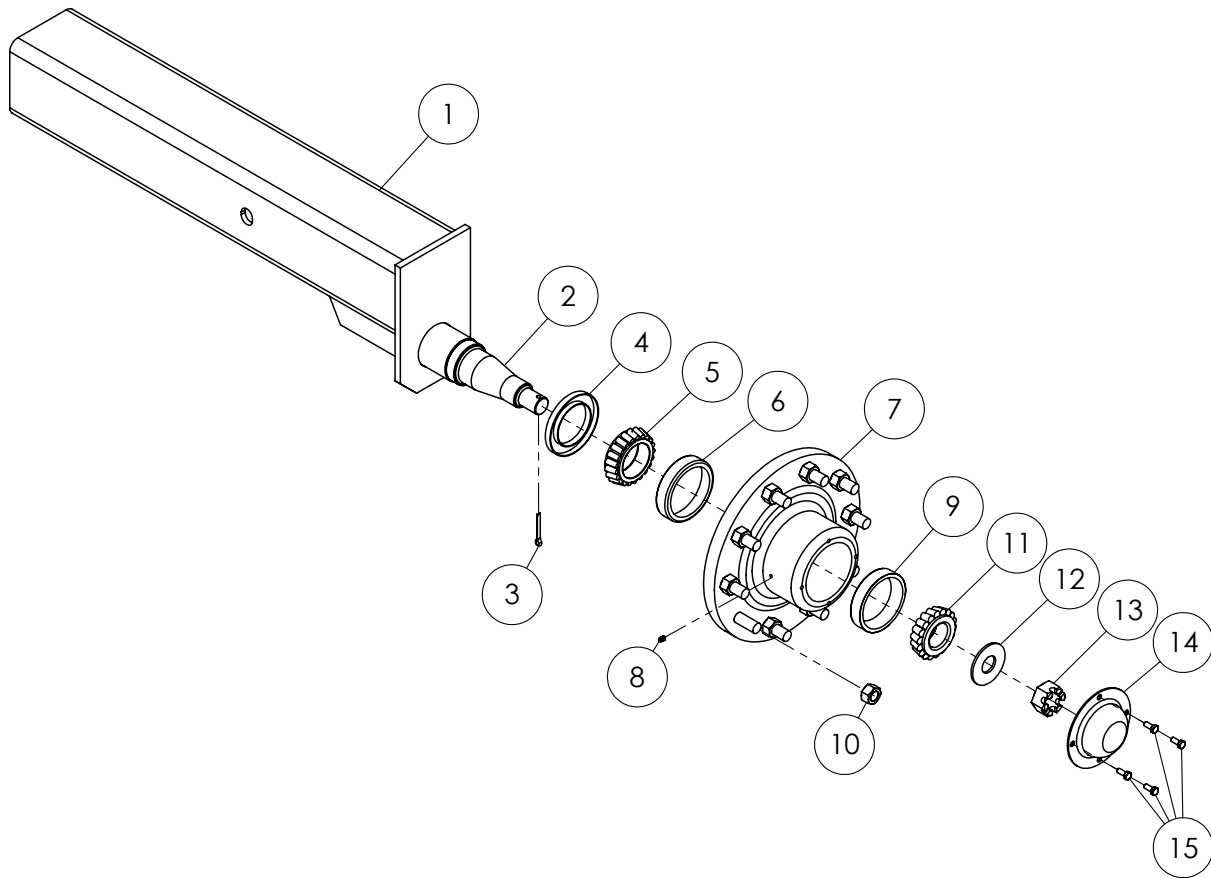
Fig.	Part no.	Qty	Description
1	760022012	1	Main Frame Weldment
2	767500000	1	2400 Gallon Stainless Steel Tank
3	76101159	8	Bolt 5/8"-11 x 1-1/2" Plated Gr. 5
4	600381052	16	Flat Washer 5/8" -SAE
5	600366031	8	Stover Locknut Type C - 5/8" -UNC

Rear Main Frame Assembly



1	760022010	1	Rear Linkage Weldment
2	760022012	1	Main Frame Weldment
3	760022014	1	Top Linkage Weldment
4	760022013	2	Bottom Linkage Weldment
5	760022034	1	Left Top Linkage Weldment
6	766022553	8	Hinge Pin
7	600356132	8	Bolt 7/16" x 3" Gr. 5
8	600366100	8	Stover Locknut Type C - 7/16" -UNC
9	760022018	1	Fill Arm Weldment
10	600373056	2	U-Bolt 5/8" x 3" x 5-1/2"
11	600366031	4	Stover Locknut Type C - 5/8" -UNC

Axle - Hub Assembly

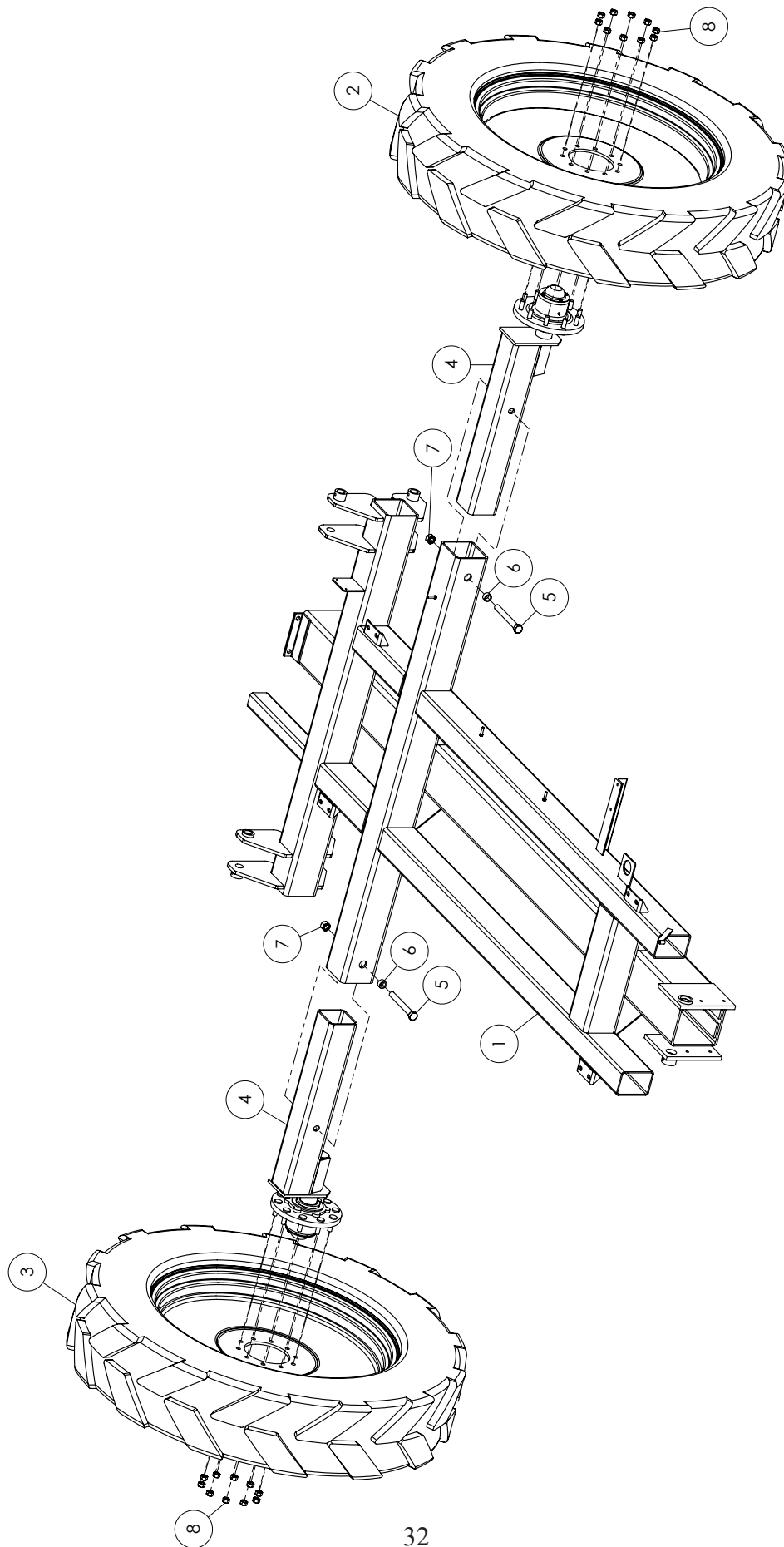


Axle - Hub Assembly



Fig.	Part no.	Qty	Description
1	760022019	1	Stub Axle
2	76301171	1	3.125" x 17.375" Spindle
-	76301166	-	Spindle Assembly Complete (Includes Items 2, 3, 12, 13)
3	76101265	1	Cotter Pin - 1/4" x 2"
4	76301156	1	Seal - TCM30454SA - 10 Bolt Hub
5	76301172	1	Bearing - TAM39585
6	76301173	1	Bearing Cup - 39520
7	76301174	1	10 Bolt Hub (Includes Items 6 - 10)
-	76301162	-	10 Bolt Hub Assembly Complete (Includes Items 4 - 10, 14, 15)
8	600471000	1	GF-641 Grease Fitting
9	76301175	1	Bearing Cup - Timken 453A
10	76301189	10	Lug Nut - 3/4"-16 Hex
11	76301176	1	Bearing - Timken 460
12	76301177	1	Washer - 3" O.D. x 1.25" I.D. x .16"
13	76301209	1	5/8"-18 Castellated Nut
14	76301179	1	Dust Cap - 10 Bolt Hub
15	76101113	4	Bolt 5/16"-18 x 3/4" -Plated Gr. 5

Axle - Wheel Assembly

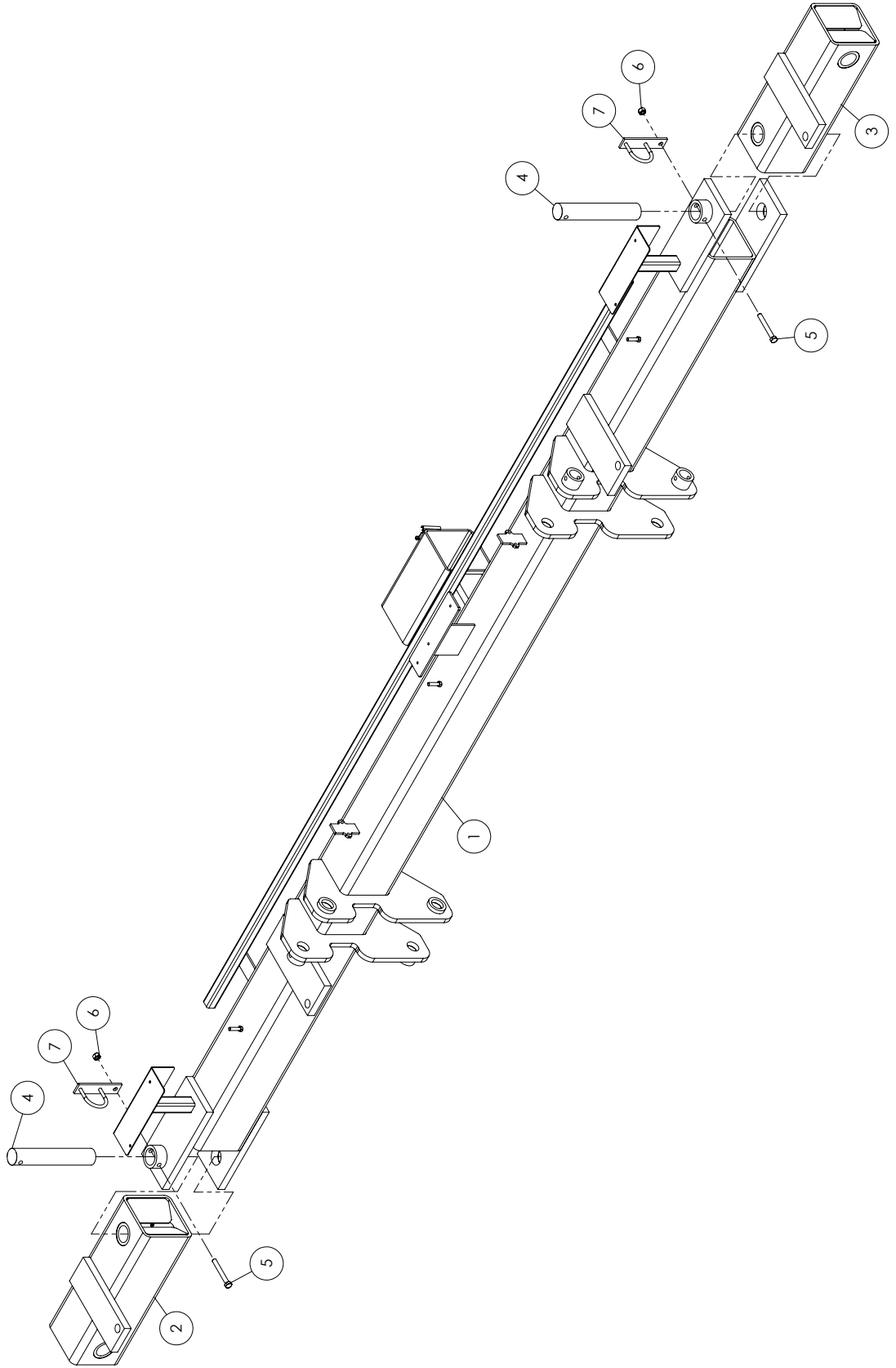


Axle - Wheel Assembly
Fig.



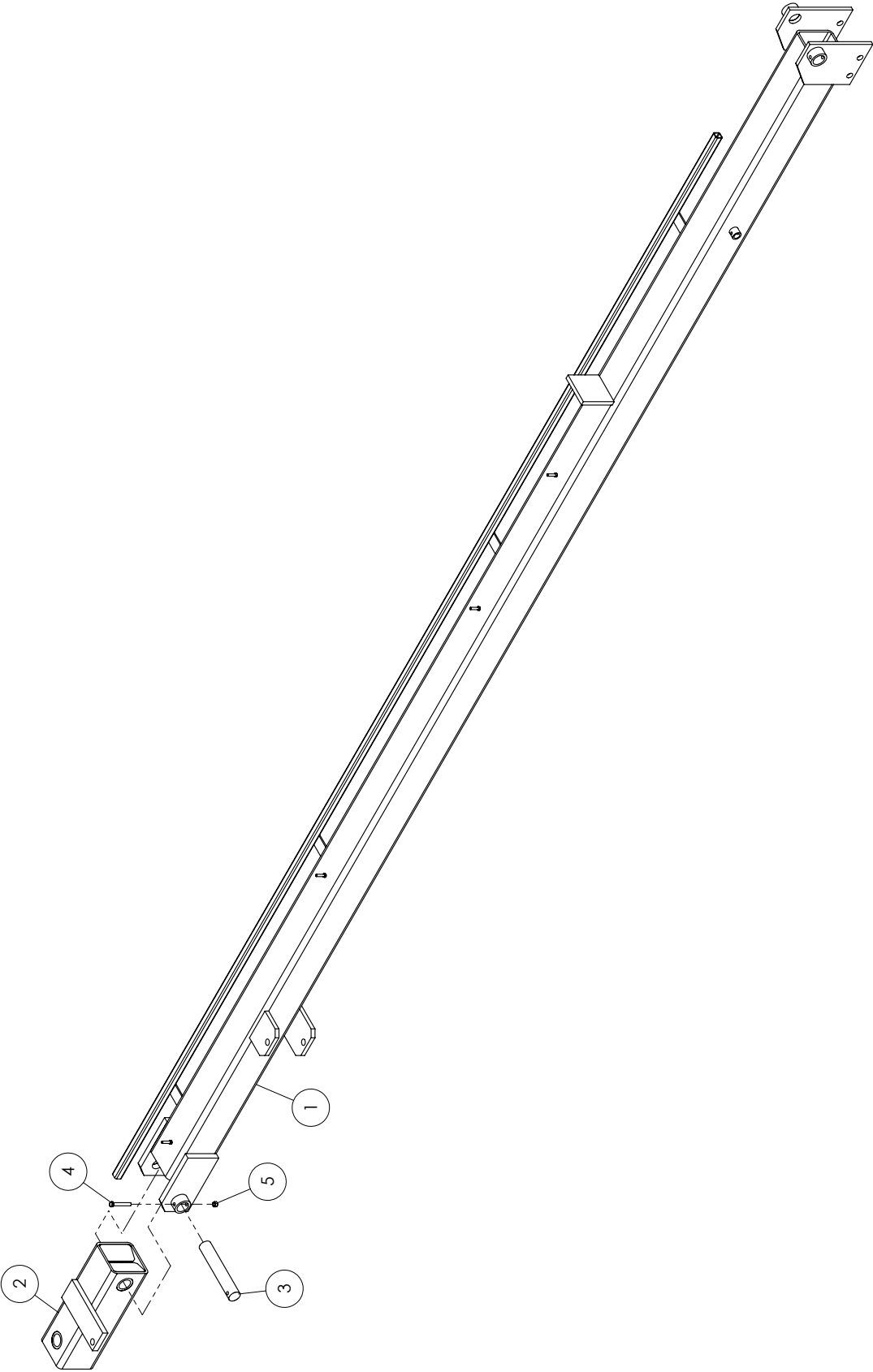
Fig.	Part no.	Qty	Description
1	760022012	1	Main Frame Weldment
2	76301249L	1	14.9R x 46-8 LH Tire/Wheel Assembly
3	76301249R	1	14.9R x 46-8 RH Tire/Wheel Assembly
4	760023000	2	Stub Axle Assembly
5	600356032	2	Bolt 1" x 8-1/2" Gr. 5
6	76602107	2	Spacer Bushing
7	600366032	1	Stover Locknut Type C - 1" -UNC
8	76301189	20	Lug Nut - 3/4"-16 Hex

Wing Hinge Assembly



1	760022010	1	Rear Linkage Weldment
2	760022023	1	Right Wing Hinge Weldment
3	760022024	1	Left Wing Hinge Weldment
4	76602148	2	Hinge Pin
5	600356105	2	Bolt 1/2" x 4" Gr. 5
6	600366030	2	Stover Locknut Type C - 1/2" -UNC

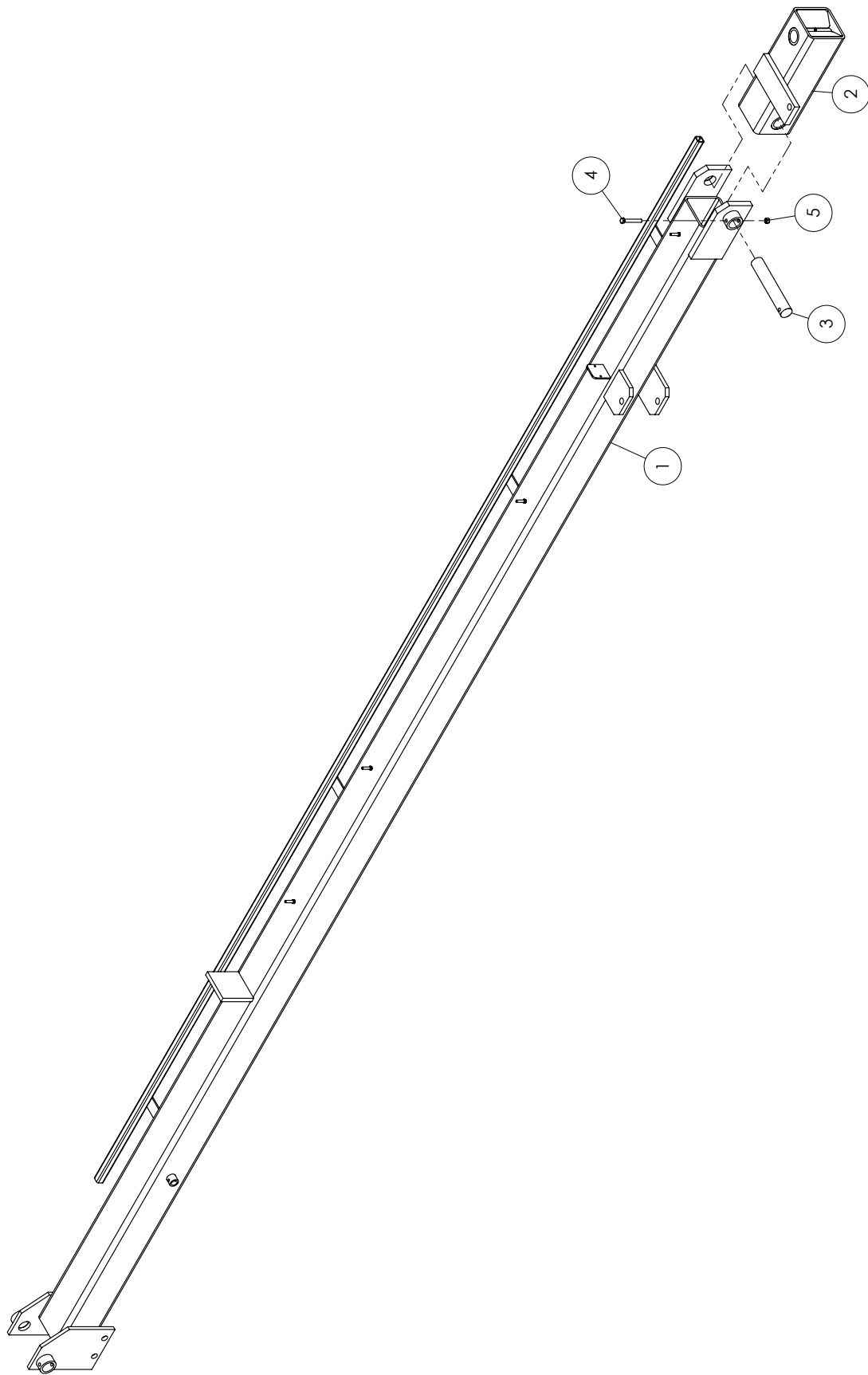
Left Inner Wing Assembly



Left Inner Wing Assembly

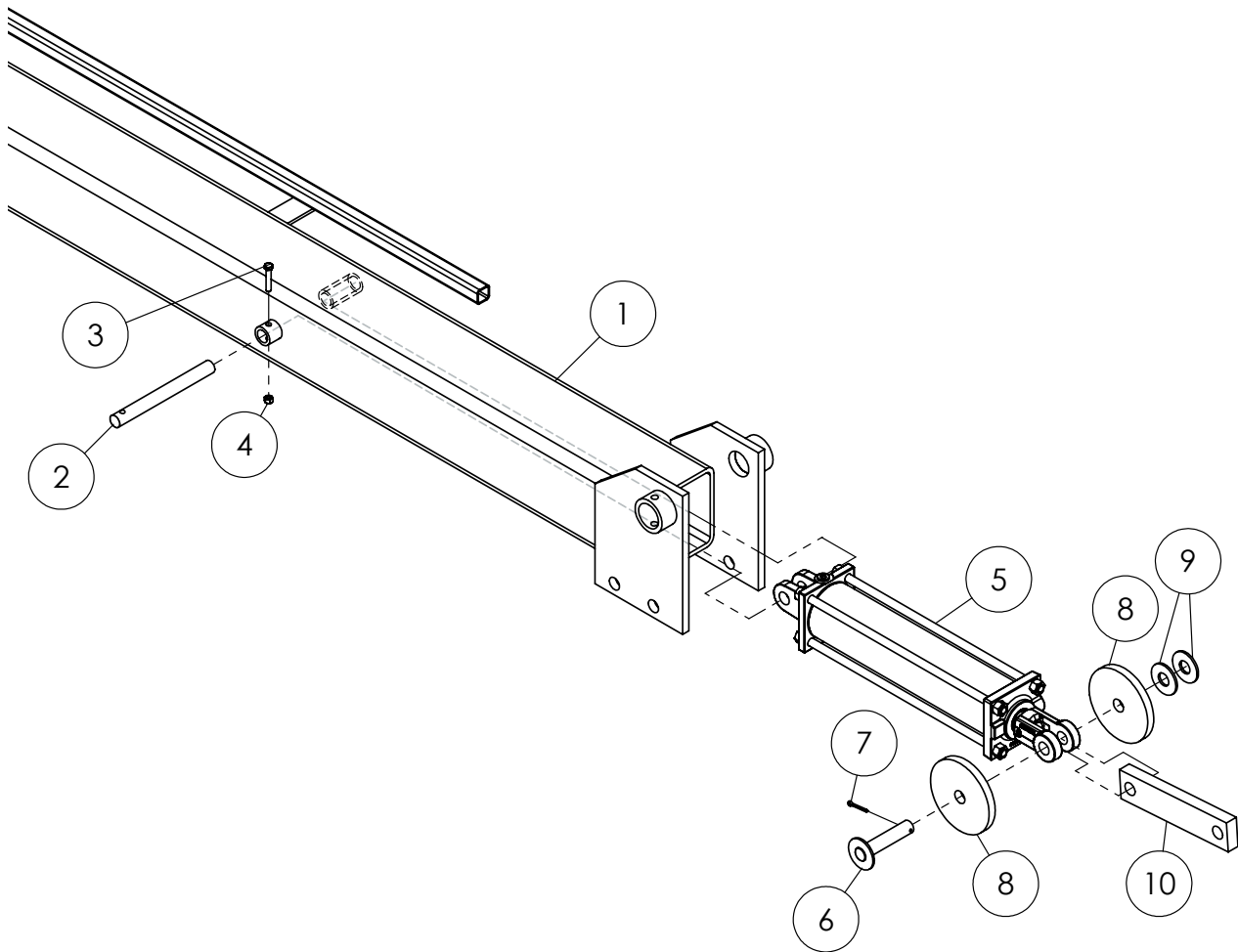
Fig.	Part no.	Qty	Description
1	760022024	1	Left Wing Hinge Weldment
2	760022007	1	Left Inner Wing Weldment
3	76602148	1	Hinge Pin
4	600356137	2	Bolt 1/2" x 3-1/2" Gr. 5
5	600366030	2	Stover Locknut Type C - 1/2" -UNC

Right Inner Wing Assembly



Right Inner Wing Assembly				
Fig.	Part no.	Qty	Description	
1	760022006	1	Right Inner Wing Weldment	
2	760022023	1	Right Wing Hinge Weldment	
3	76602148	1	Hinge Pin	
4	600356137	2	Bolt 1/2" x 3-1/2" Gr. 5	
5	600366030	2	Stover Locknut Type C - 1/2" -UNC	

Left Inner Wing Cylinder Assembly (80' and 90')

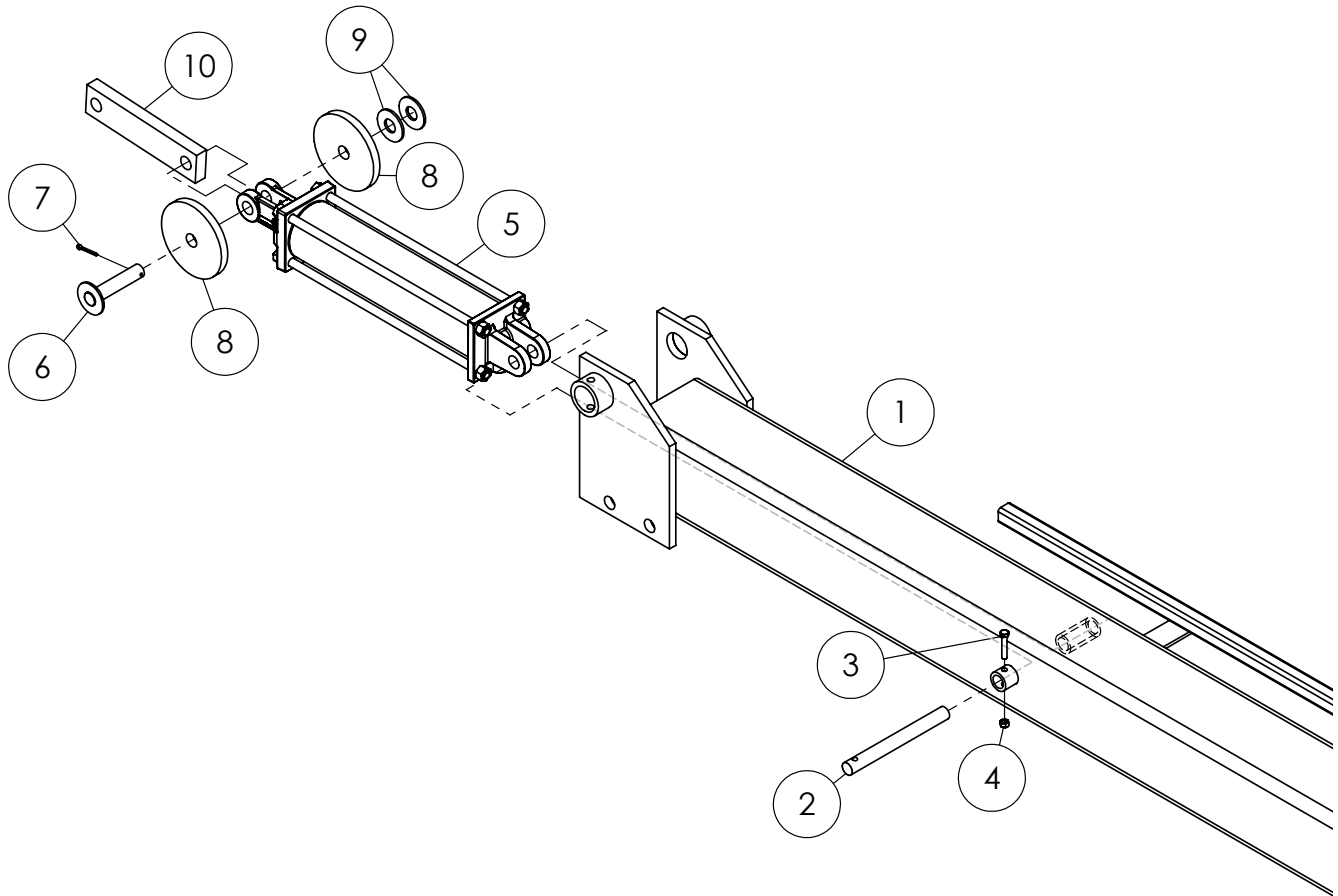


Left Inner Wing Cylinder Assembly (80' and 90')



Fig.	Part no.	Qty	Description
1	760022007	1	Left Inner Wing Weldment
2	76602217	1	Hinge Pin
3	600356111	1	Bolt 3/8" x 2" Gr. 5
4	600366028	1	Stover Locknut Type C - 3/8" - UNC
5	76204007	1	4" x 16" Hydraulic Cylinder - Black
6	76602193	1	Welded Cylinder Pin
7	76101246	1	3/16" x 1-1/2" Cotter Pin
8	76400204	2	Roller Wheel
9	600381018	2	Flat Washer 1"
10	76400050	1	Drag Link

Right Inner Wing Cylinder Assembly (80' and 90')

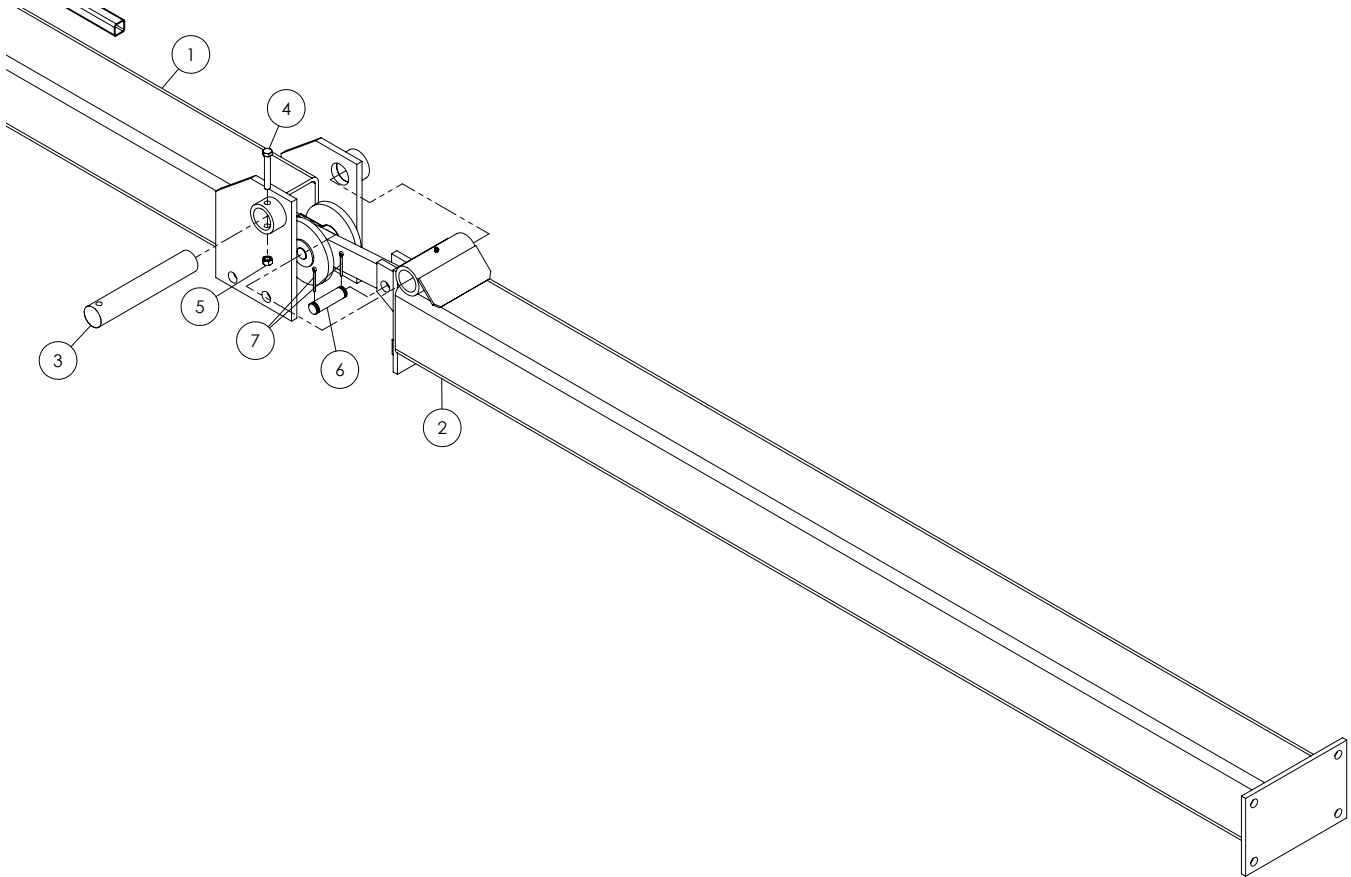


Right Inner Wing Cylinder Assembly (80' and 90')



Fig.	Part no.	Qty	Description
1	760022006	1	Right Inner Wing Weldment
2	76602217	1	Hinge Pin
3	600356111	1	Bolt 3/8" x 2" Gr. 5
4	600366028	1	Stover Locknut Type C - 3/8" - UNC
5	76204007	1	4" x 16" Hydraulic Cylinder - Black
6	76602193	1	Welded Cylinder Pin
7	76101246	1	3/16" x 1-1/2" Cotter Pin
8	76400204	2	Roller Wheel
9	600381018	2	Flat Washer 1"
10	76400050	1	Drag Link

Left Outer Wing Assembly (80' and 90')

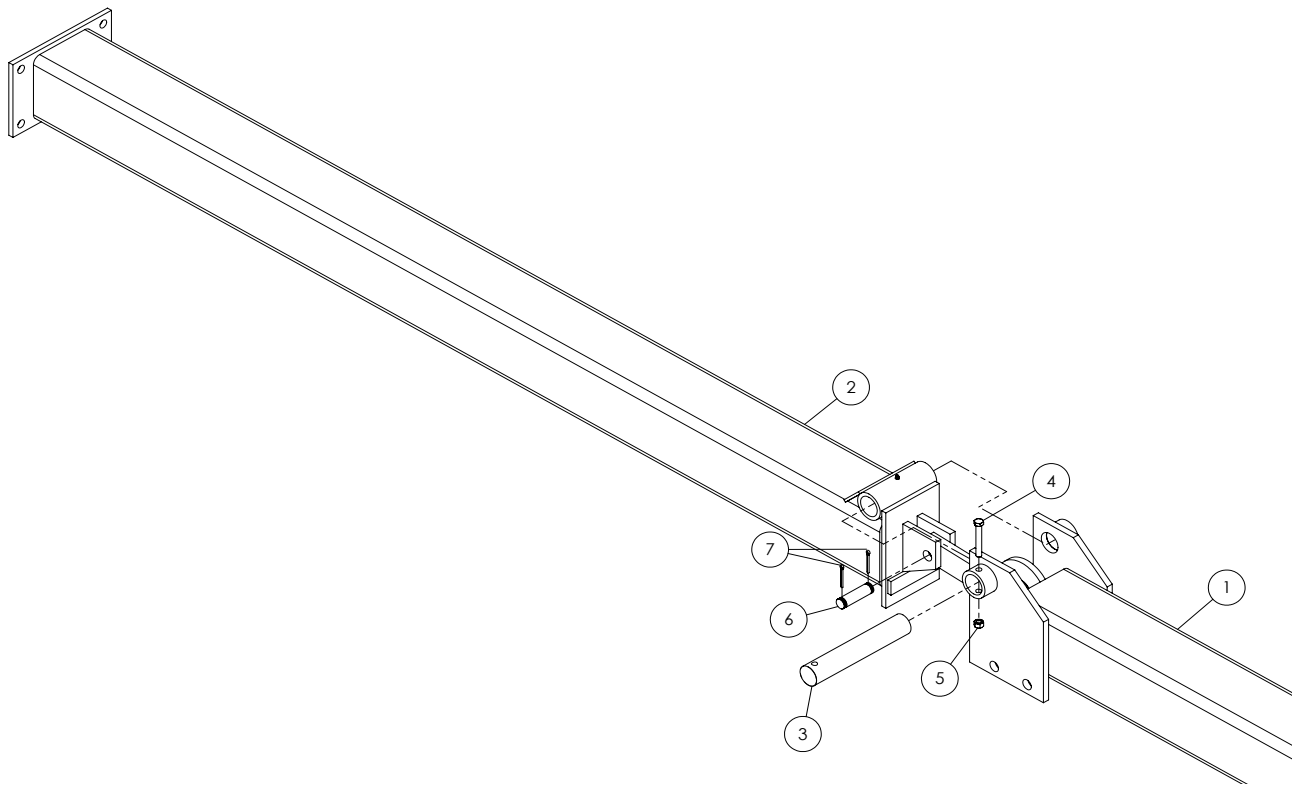


Left Outer Wing Assembly (80' and 90')



Fig.	Part no.	Qty	Description
1	760022007	1	Left Inner Wing Weldment
2	76801892	1	Left Outer Wing Weldment
3	76602148	1	Hinge Pin
4	600356137	1	Bolt 1/2" x 3-1/2" Gr. 5
5	600366030	1	Stover Locknut Type C - 1/2" - UNC
6	76602112	1	Cylinder Pin 1" x 3" - Plated
7	76101347	2	3/16" x 2" Cotter Pin

Right Outer Wing Assembly (80' and 90')

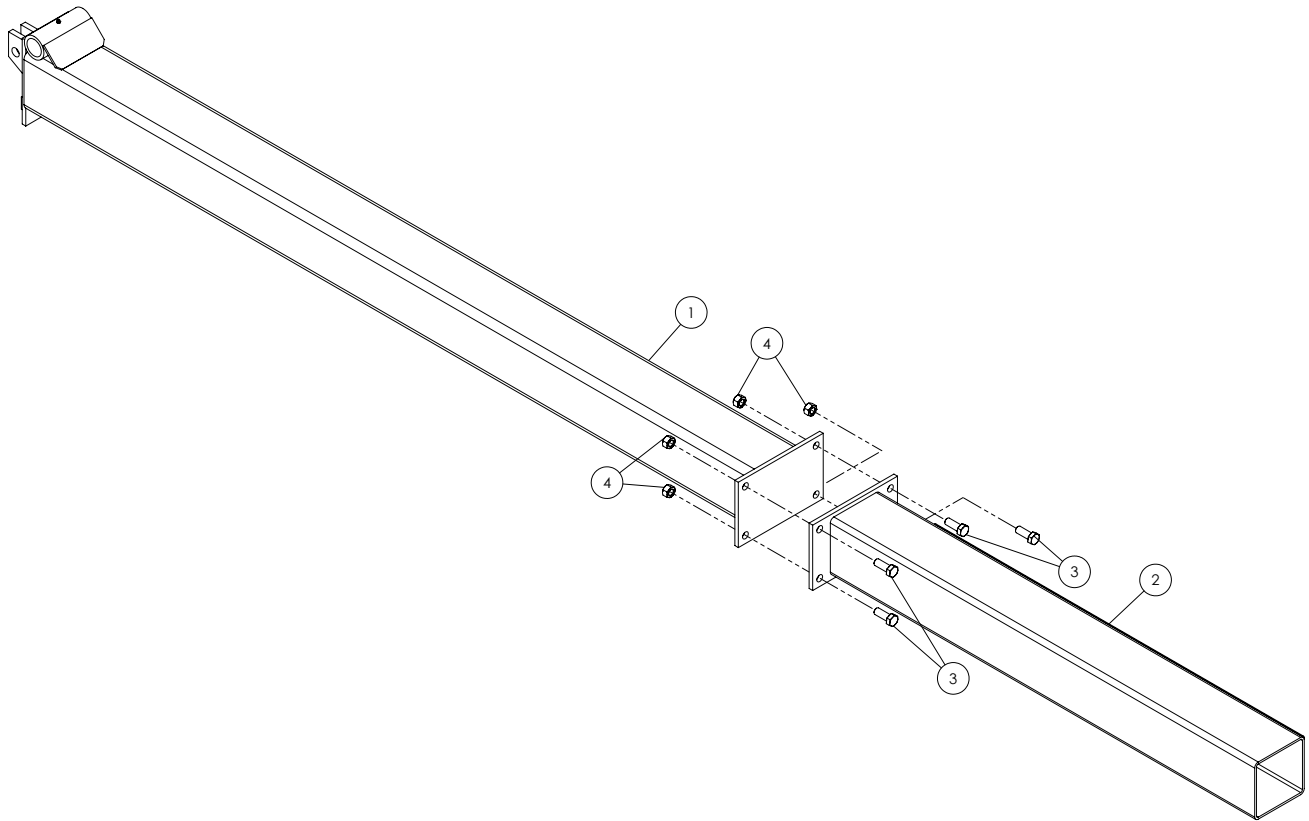


Right Outer Wing Assembly (80' and 90')



Fig.	Part no.	Qty	Description
1	760022006	1	Right Inner Wing Weldment
2	76801891	1	Right Outer Wing Weldment
3	76602148	1	Hinge Pin
4	600356137	1	Bolt 1/2" x 3-1/2" Gr. 5
5	600366030	1	Stover Locknut Type C - 1/2" - UNC
6	76602112	1	Cylinder Pin 1" x 3" - Plated
7	76101347	2	3/16" x 2" Cotter Pin

Left Stub Wing Assembly (90')

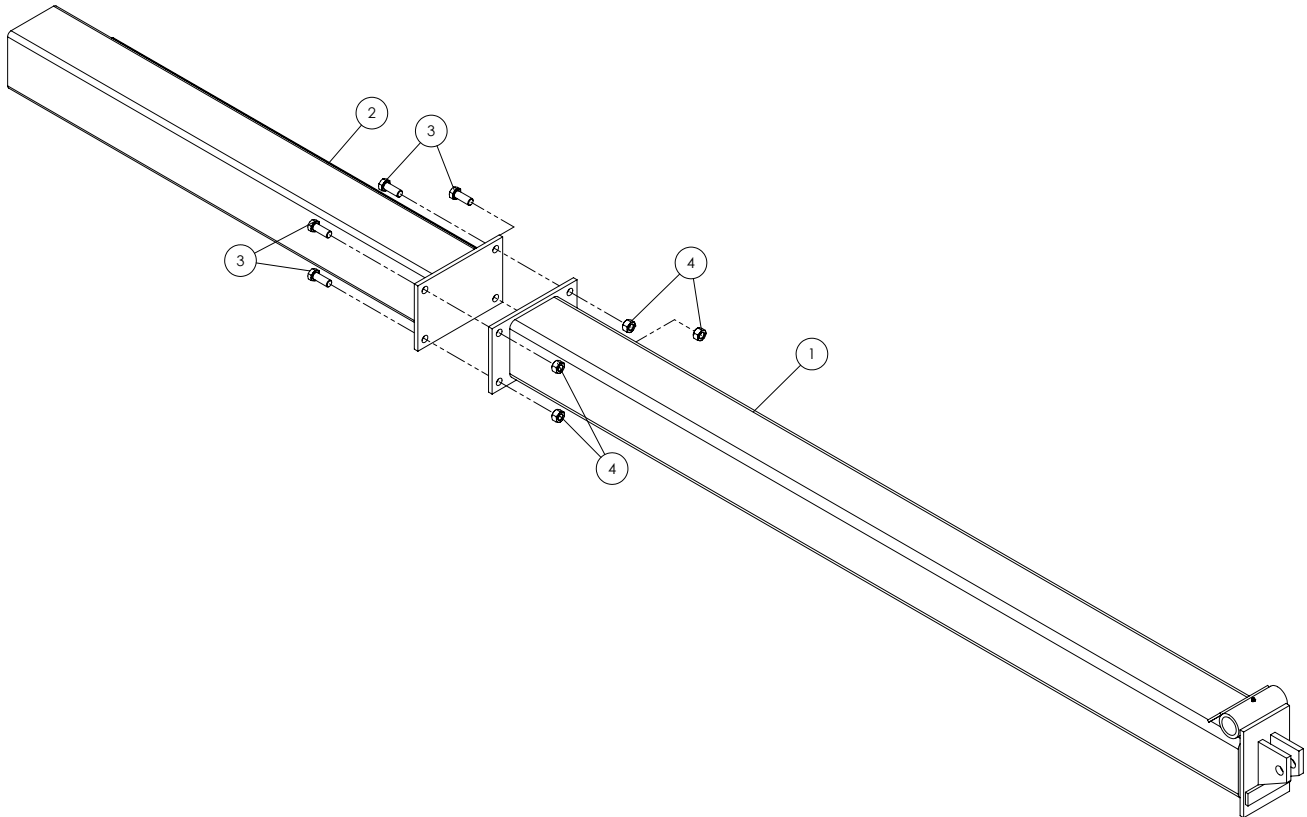


Left Stub Wing Assembly (90')



Fig.	Part no.	Qty	Description
1	76801892	1	Left Outer Wing Weldment
2	76801775	1	60" Left Outer Stub Wing
3	600356105	1	Bolt 1/2" x 4" Gr. 5
4	600366024	1	Stover Locknut Type C - 3/4" - UNC

Right Stub Wing Assembly (90')

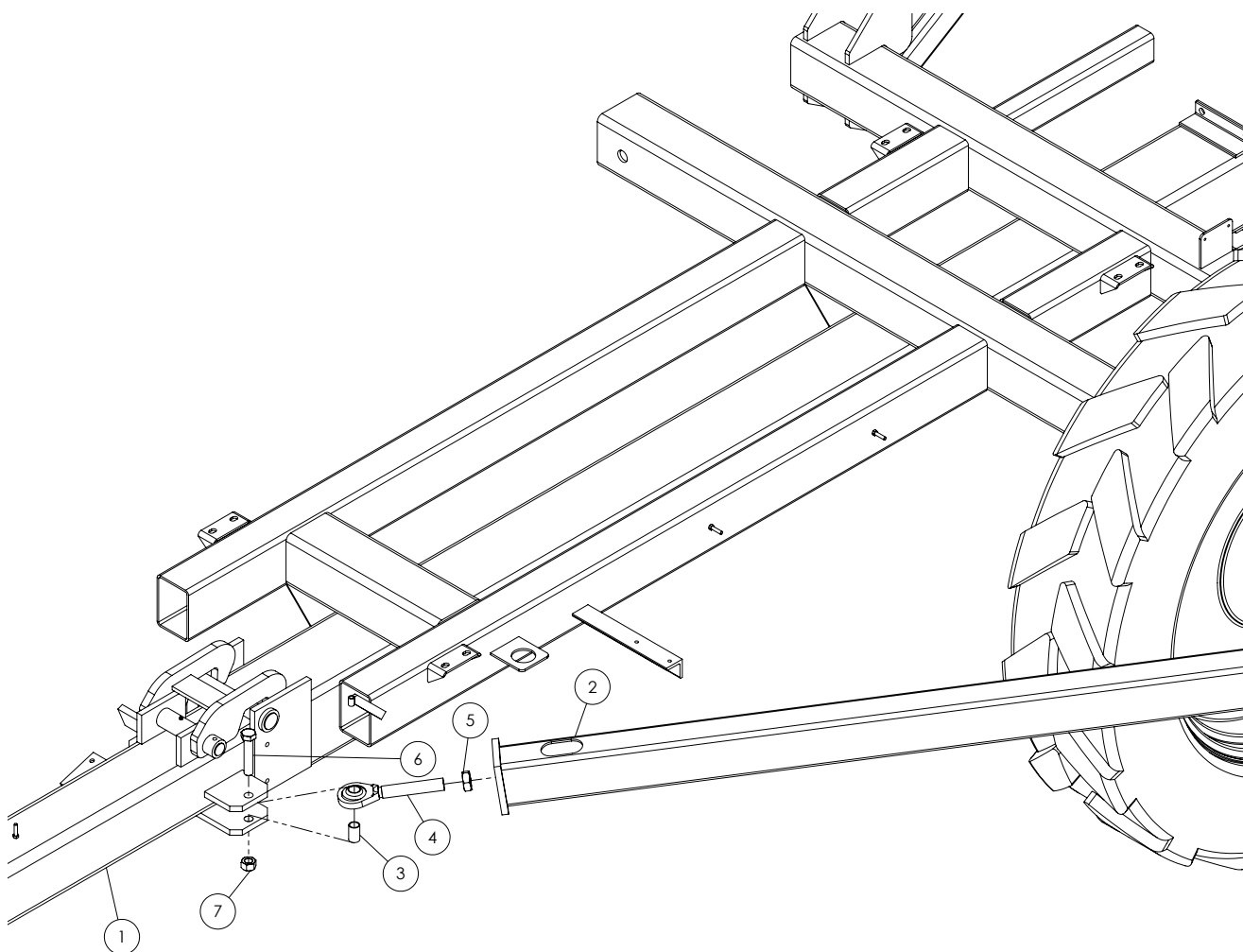


Right Stub Wing Assembly (90°)



Fig.	Part no.	Qty	Description
1	76801891	1	Right Outer Wing Weldment
2	76801774	1	60" Right Outer Stub Wing
3	600356105	1	Bolt 1/2" x 4" Gr. 5
4	600366024	1	Stover Locknut Type C - 3/4" - UNC

Left Front Pullarm Assembly

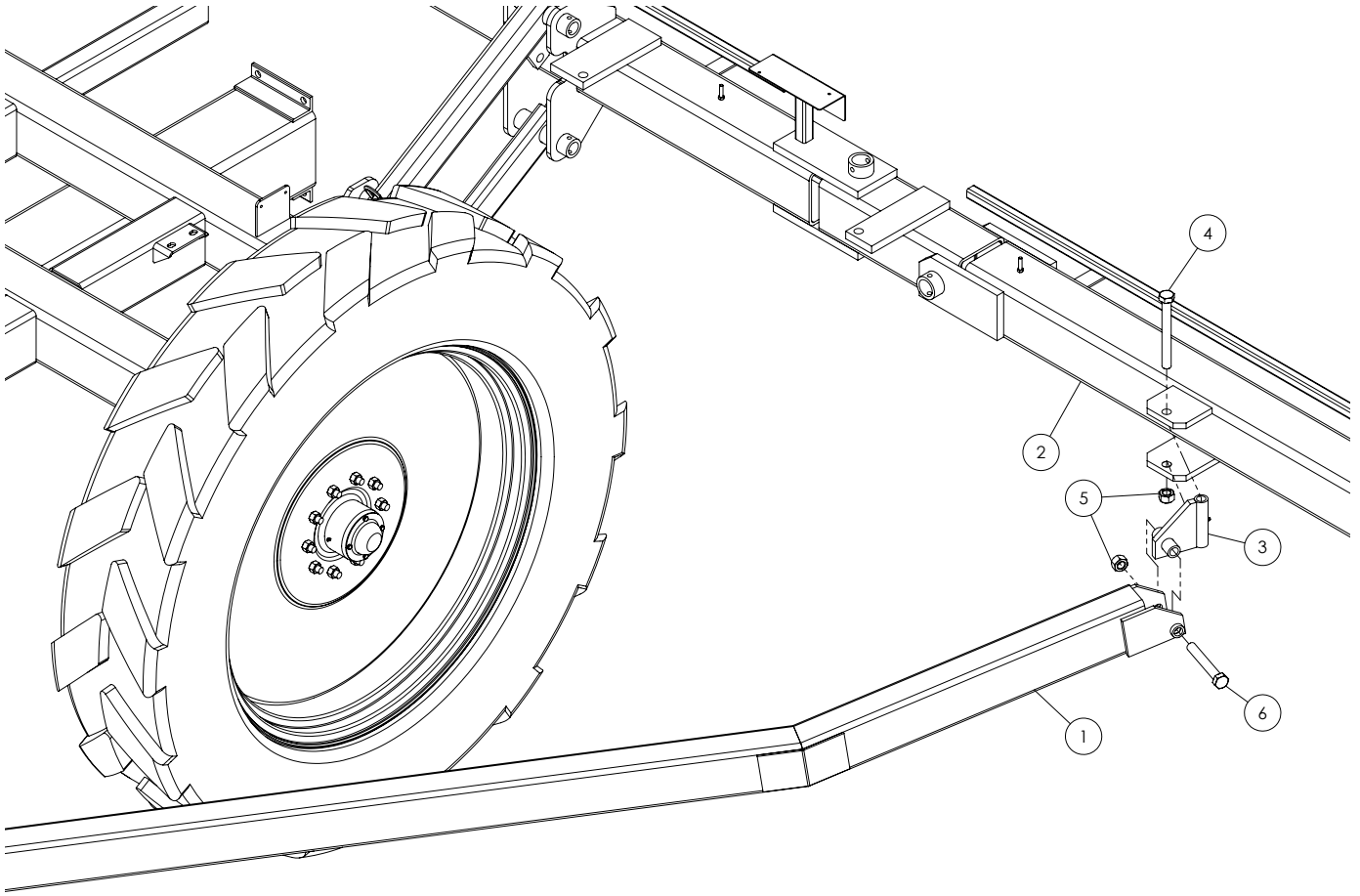


Left Front Pullarm Assembly



Fig.	Part no.	Qty	Description
1	760022011	1	Inner Hitch Weldment
2	760022016	1	Left Pullarm Weldment
3	76602115	1	Spacer Bushing
4	76101379	1	1-3/8"-6 x 12" x 1" Bore Eye Bolt
5	7600365078	2	Jam Nut 1/2" Plated
6	600356101	1	Bolt 1" x 5" Gr. 5
7	600366032	1	Stover Locknut Type C - 1" - UNC

Left Rear Pullarm Assembly

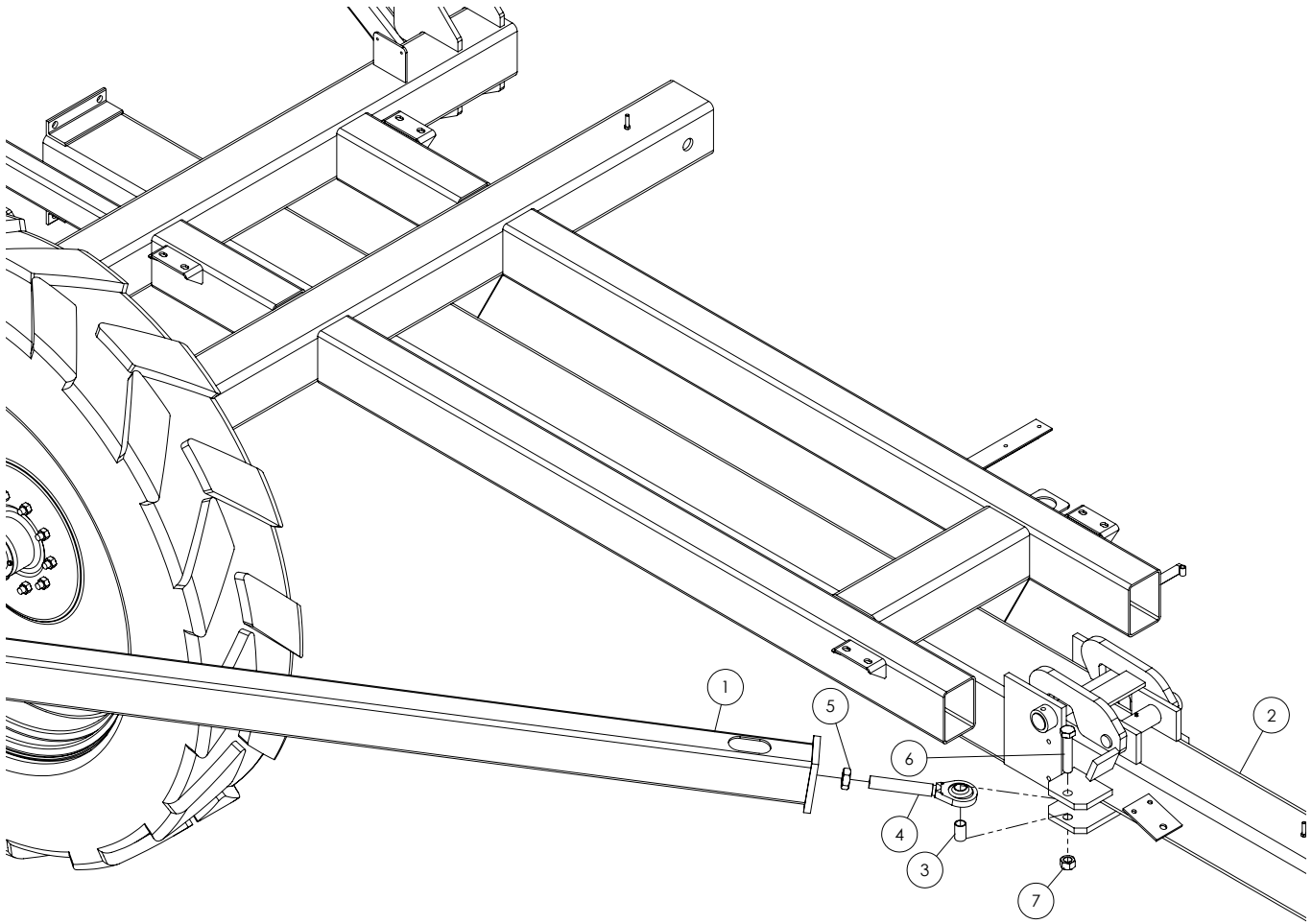


Left Rear Pullarm Assembly



Fig.	Part no.	Qty	Description
1	760022016	1	Left Pullarm Weldment
2	760022007	1	Left Inner Wing Weldment
3	760022017	1	Pullarm Pivot Weldment
4	600356009	1	Bolt 1" x 9" Gr. 5
5	600366032	2	Stover Locknut Type C - 1" - UNC
6	76101203	1	Bolt 1"-8 x 7" Plated Gr. 5

Right Front Pullarm Assembly

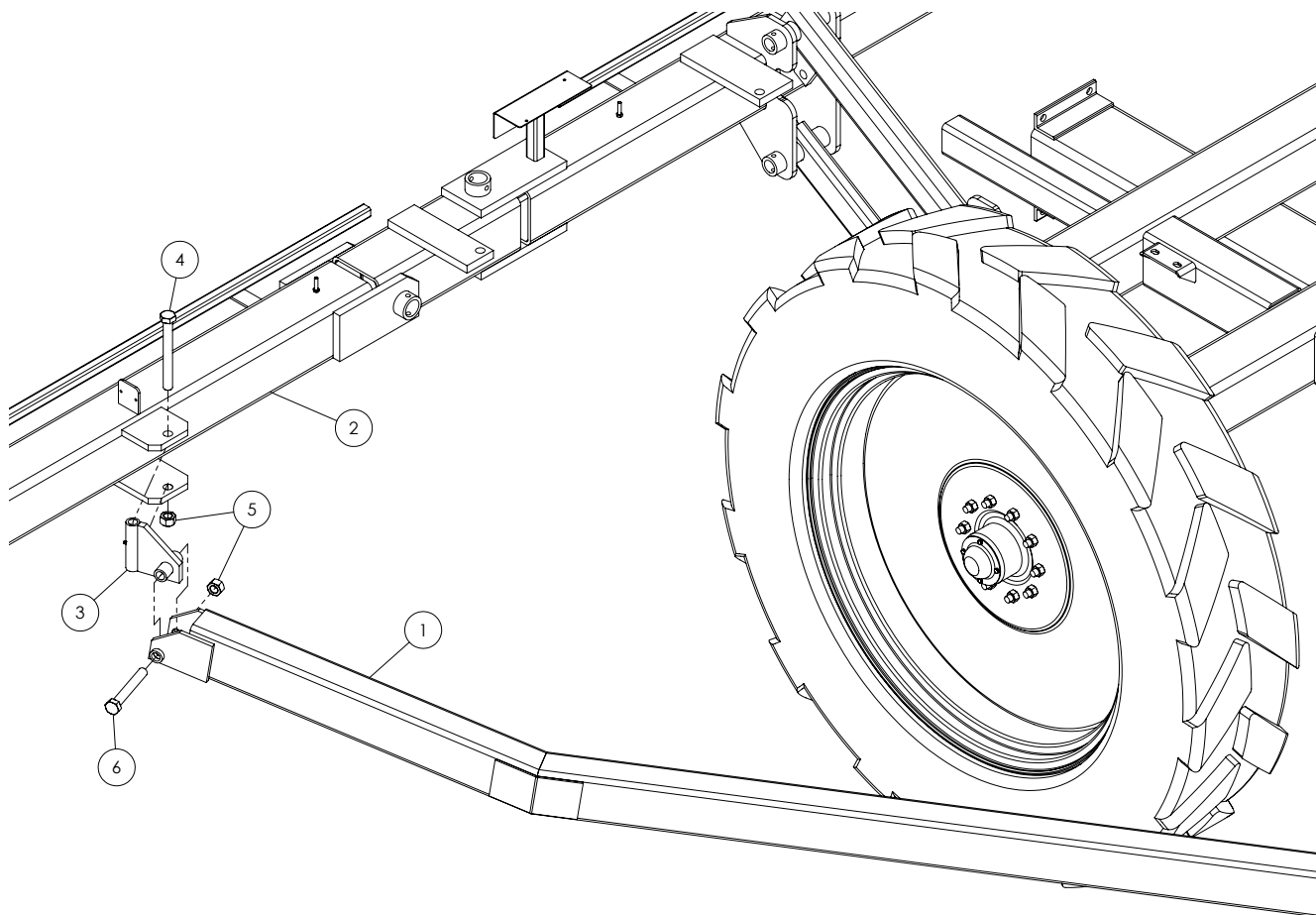


Right Front Pullarm Assembly



Fig.	Part no.	Qty	Description
1	760022015	1	Right Pullarm Weldment
2	760022011	1	Inner Hitch Weldment
3	76602115	1	Spacer Bushing
4	76101379	1	1-3/8"-6 x 12" x 1" Bore Eye Bolt
5	7600365078	1	Jam Nut 1/2" Plated
6	600356101	1	Bolt 1" x 5" Gr. 5
7	600366032	1	Stover Locknut Type C - 1" - UNC

Right Rear Pullarm Assembly

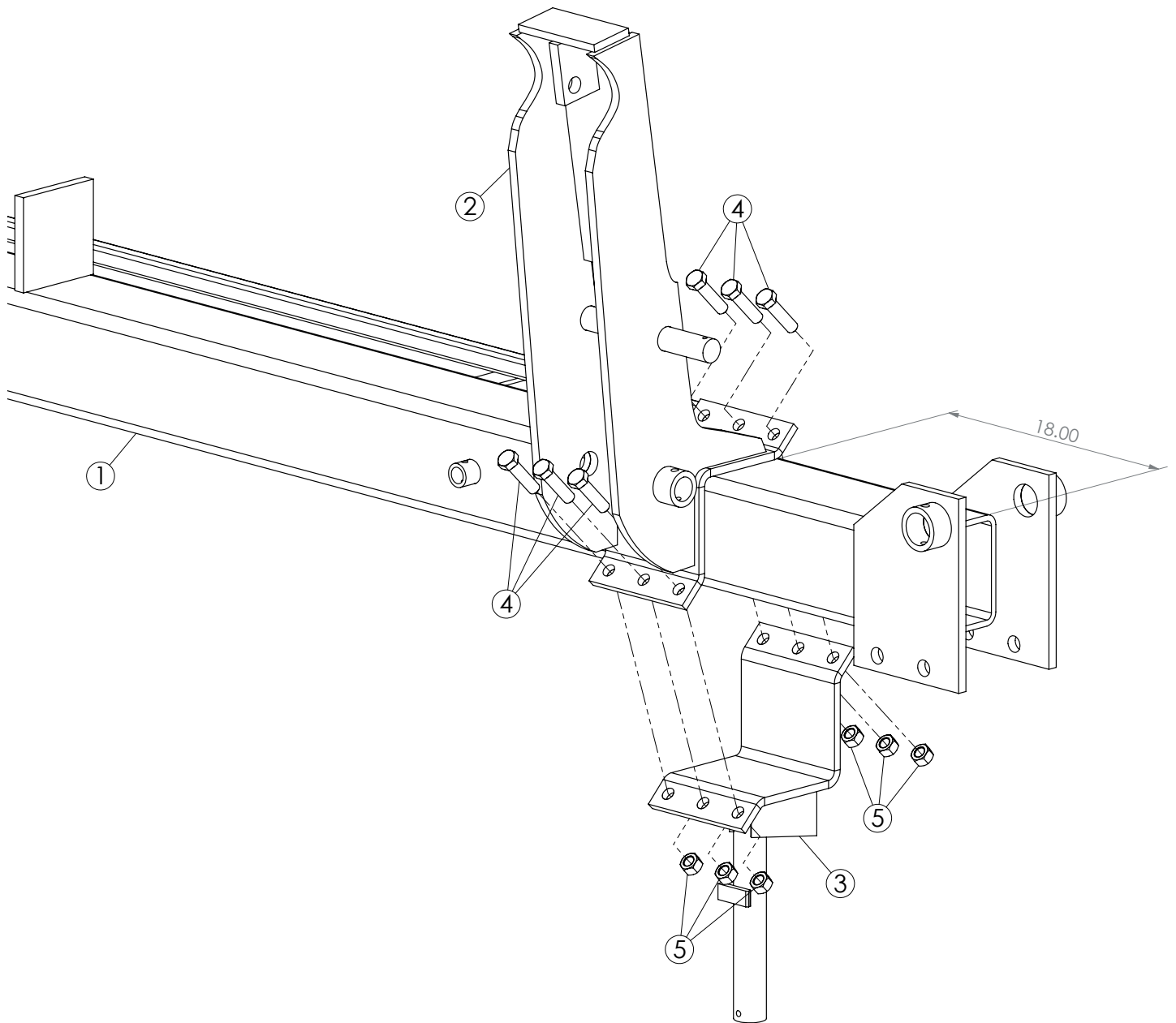


Right Rear Pullarm Assembly



Fig.	Part no.	Qty	Description
1	760022015	1	Right Pullarm Weldment
2	760022006	1	60" Right Outer Stub Wing
3	760022017	1	Pullarm Pivot Weldment
4	76101203	1	Bolt 1"-8 x 7" Plt- Gr. 5
5	600366032	2	Stover Locknut Type C - 1" - UNC

Left Caster Tower Clamp Assembly

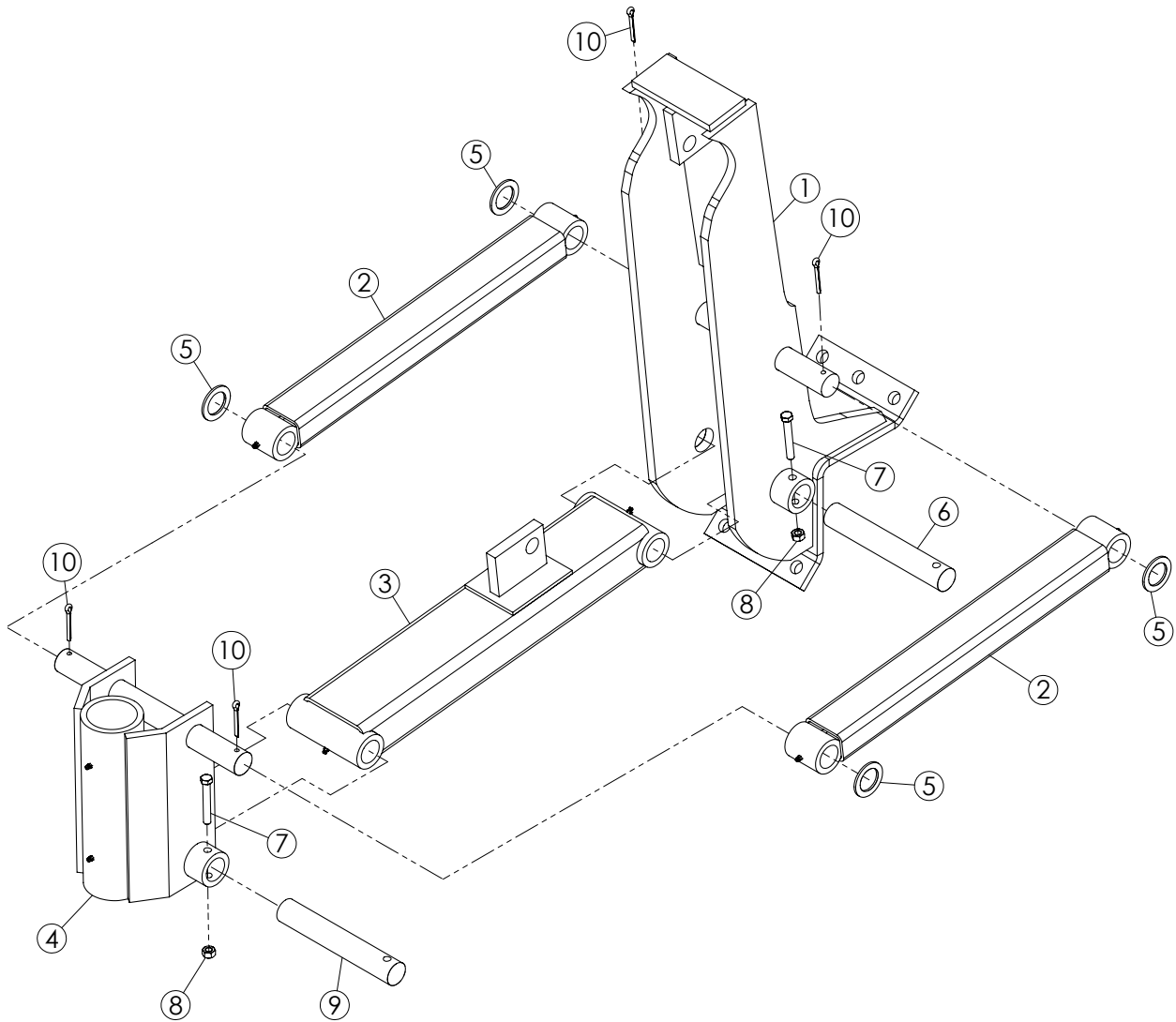


Left Caster Tower Clamp Assembly



Fig.	Part no.	Qty	Description
1	760022007	1	Left Inner Wing Weldment
2	76801880	1	Left Caster Tower Weldment
3	76801884	1	Wheel Clamp Weldment
4	600356000	6	Bolt 3/4" x 3" Gr. 5
5	600366024	6	Stover Locknut Type C - 3/4" - UNC

Left Caster Tower Assembly

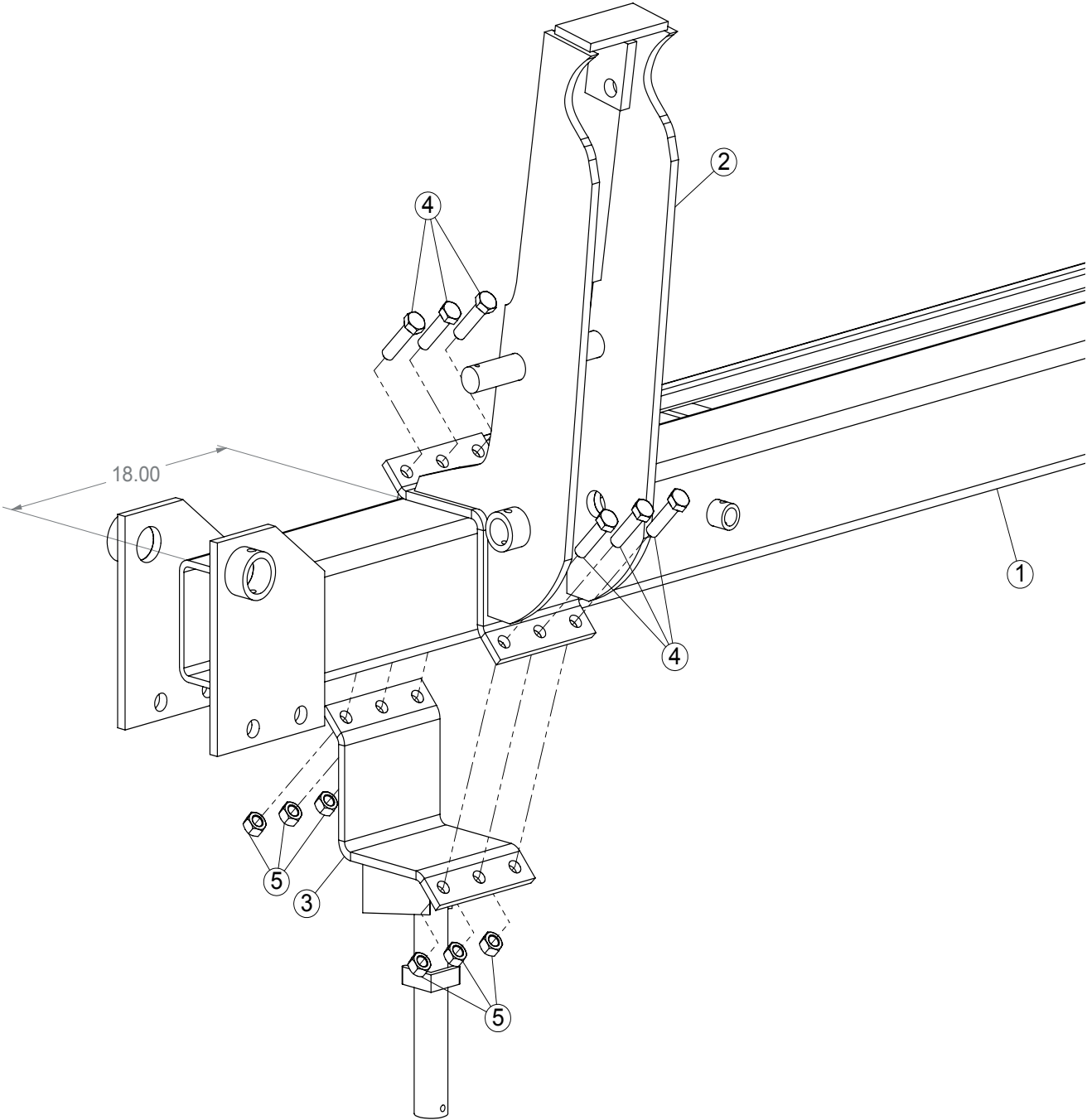


Left Caster Tower Assembly



Fig.	Part no.	Qty	Description
1	76801880	1	Left Caster Tower Weldment
2	760022005	2	Parallel Arm Weldment
3	76801388	1	Lower Caster Wheel Parallel Arm Weldment
4	76602185	1	Caster Bushing Weldment (L)
5	76101462	4	10 Ga. x 1-1/2" Machine Washer (Zinc Plated)
6	766022553	1	Hinge Pin
7	600356132	2	Bolt 7/16" x 3" Gr. 5
8	600366100	2	Stover Locknut Type C - 7/16" -UNC
9	76602213	1	Hinge Pin
10	76101265	4	Cotter Pin - 1/4" x 2"

Right Caster Tower Clamp Assembly

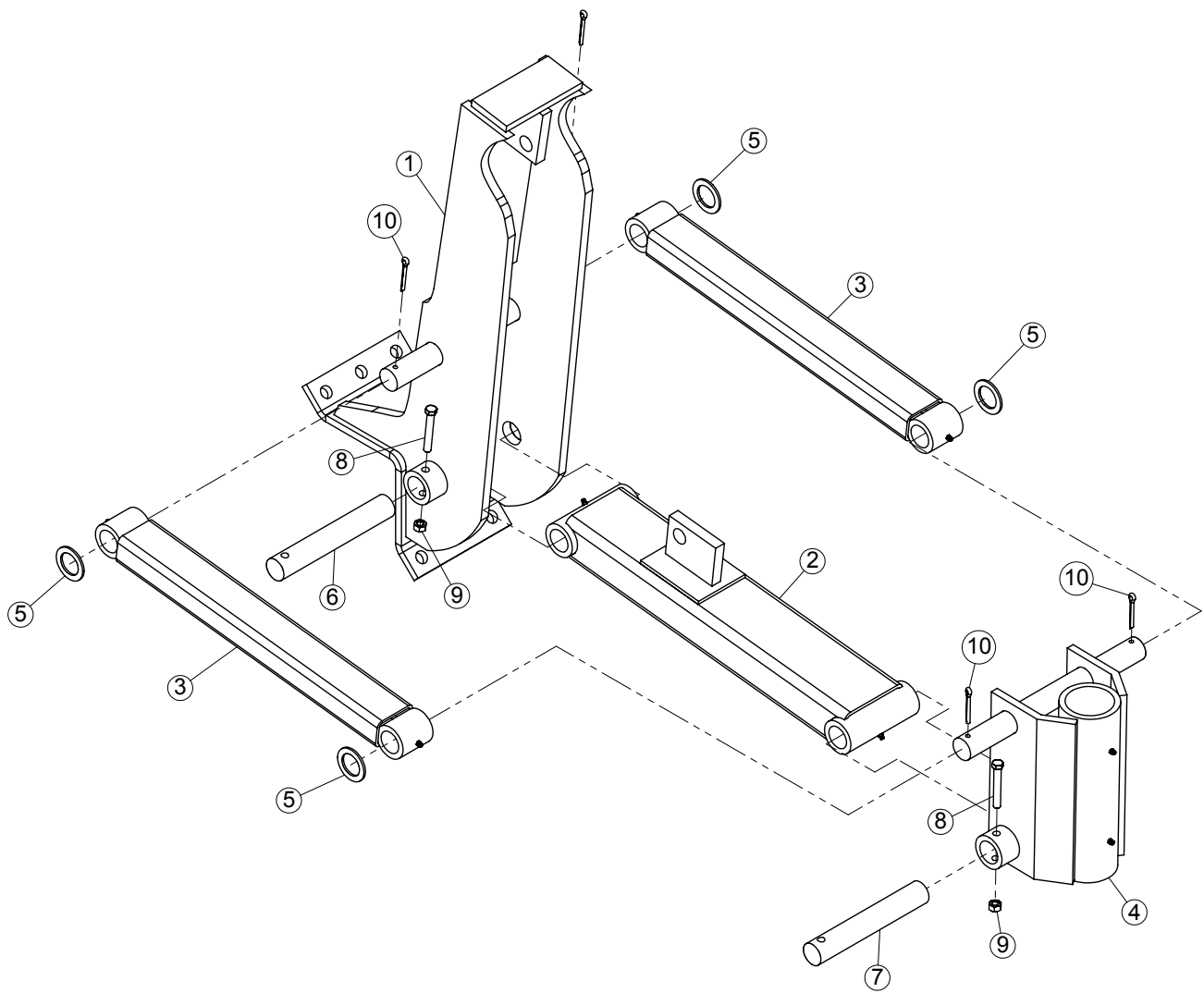


Right Caster Tower Clamp Assembly



Fig.	Part no.	Qty	Description
1	760022006	1	Right Inner Wing Weldment
2	76801879	1	Right Caster Tower Weldment
3	76801884	1	Wheel Clamp Weldment
4	600356000	6	Bolt 3/4" x 3" Gr. 5
5	600366024	6	Stover Locknut Type C - 3/4" - UNC

Right Caster Tower Assembly

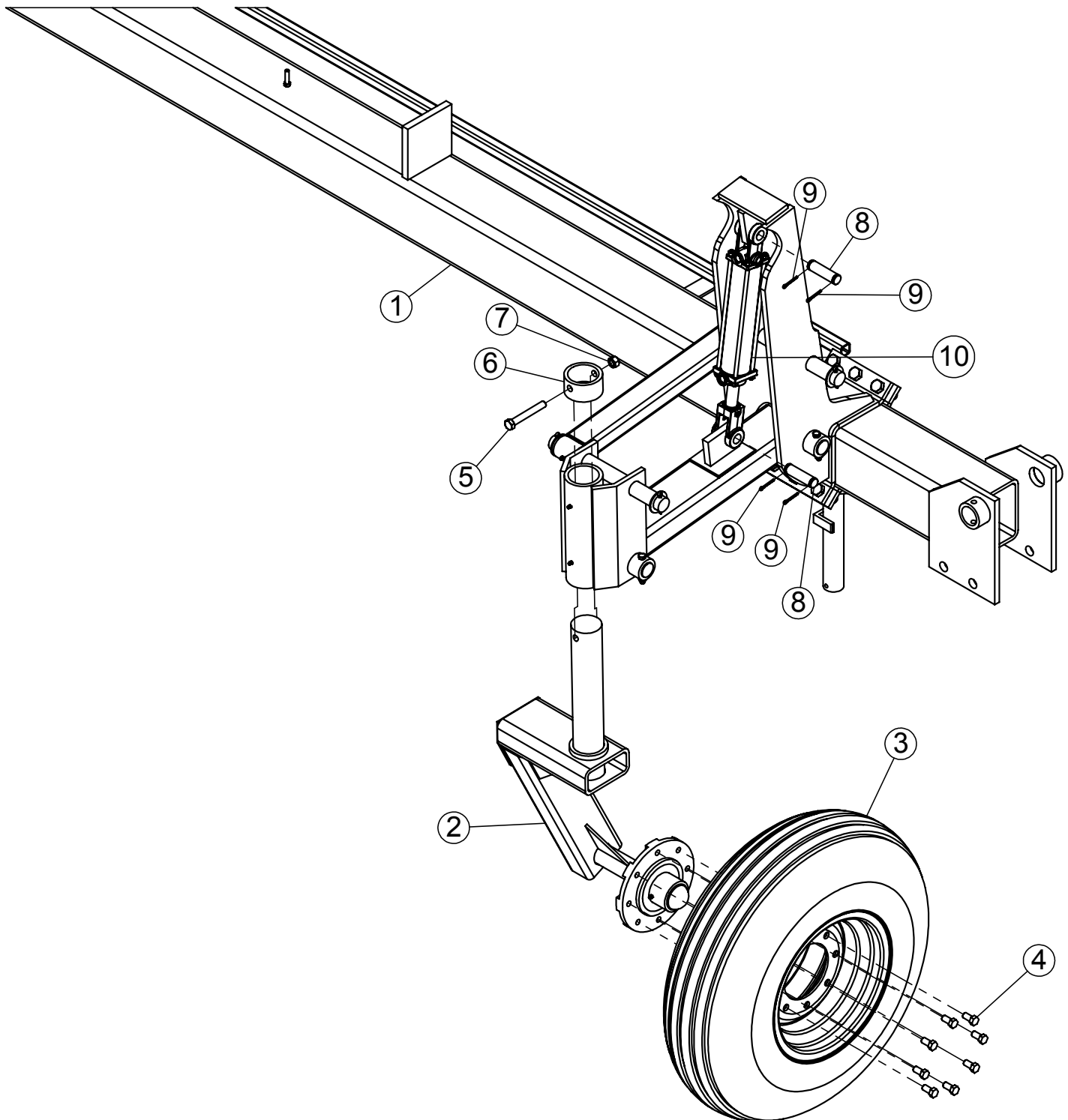


Right Caster Tower Assembly



Fig.	Part no.	Qty	Description
1	76801879	1	Right Caster Tower Weldment
2	76801388	1	Lower Caster Wheel Parallel Arm Weldment
3	760022005	2	Parallel Arm Weldment
4	76602186	1	Caster Bushing Weldment (R)
5	76101462	4	10 Ga. x 1-1/2" Machine Washer (Zinc Plated)
6	766022553	1	Hinge Pin 9.5"
7	76602213	1	Hinge Pin 9.25"
8	600356132	2	Bolt 7/16" x 3" Gr. 5
9	600366100	2	Stover Locknut Type C - 7/16" UNC
10	76101265	3	Cotter Pin 1/4" x 2"

Left Caster Tower and Cylinder Assembly

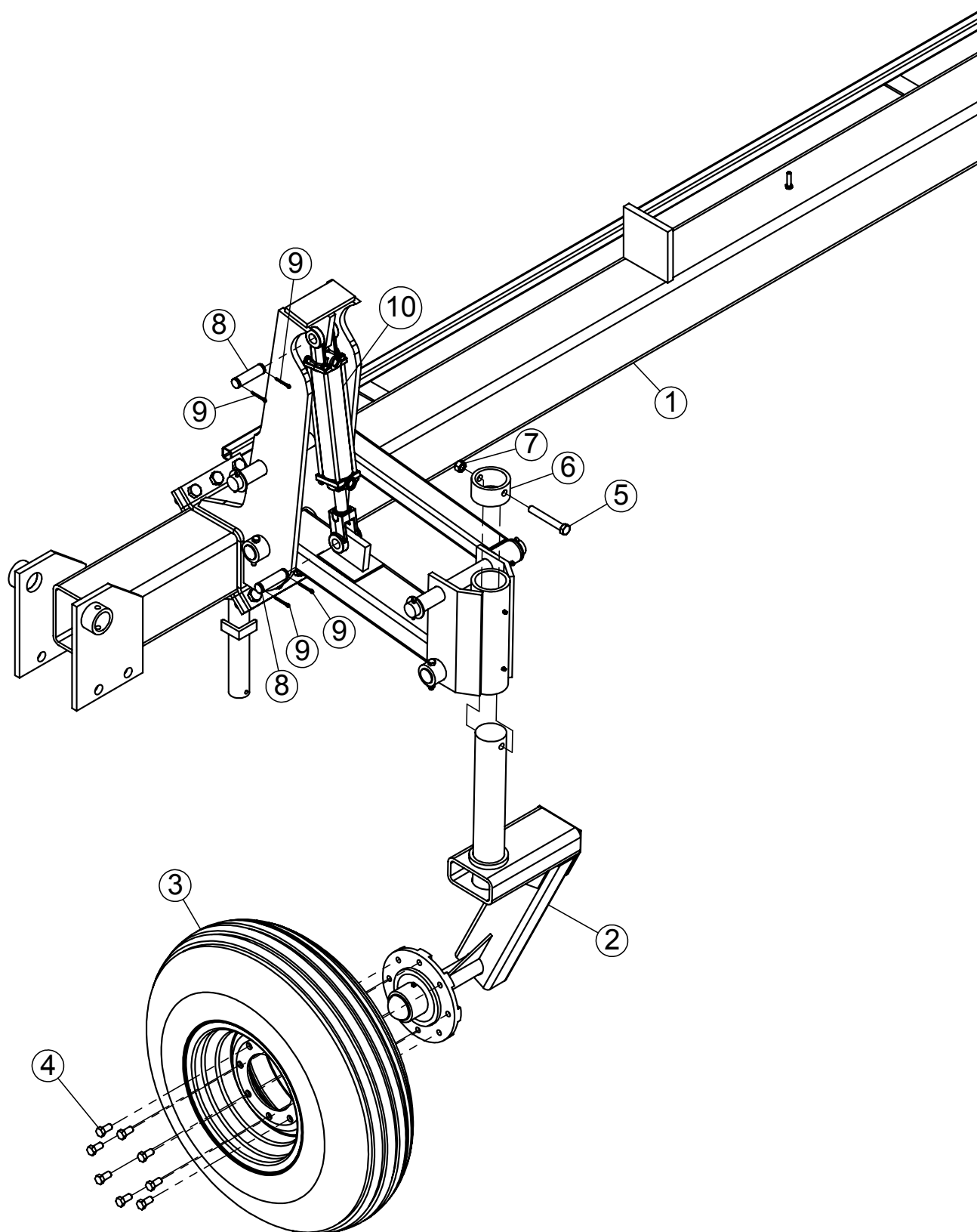


Left Caster Wheel and Cylinder Assembly



Fig.	Part no.	Qty	Description
1	760022007	1	Left Inner Wing Weldment
2	762500300	1	Left Caster Tower Wheel Assembly
3	76301233	1	12.5L x 15SL x 12 Ply X 10 X 15 Tire and Wheel
4	76301151	8	Lug Bolt 9/16"-18 x 1-1/8"
5	600356014	1	Bolt 5/8" x 4-1/2" Gr. 5
6	76602187	1	Caster Wheel Unit Collar
7	600366031	1	Stover Locknut Type C - 5/8" UNC
8	76602112	2	Cylinder Pin 1" x 3" Plated
9	76101246	4	3/16" x 1-1/2" Cotter Pin
10	76204015	1	3-1/4" x 10" Rephase Cylinder - Black

Right Caster Tower and Cylinder Assembly

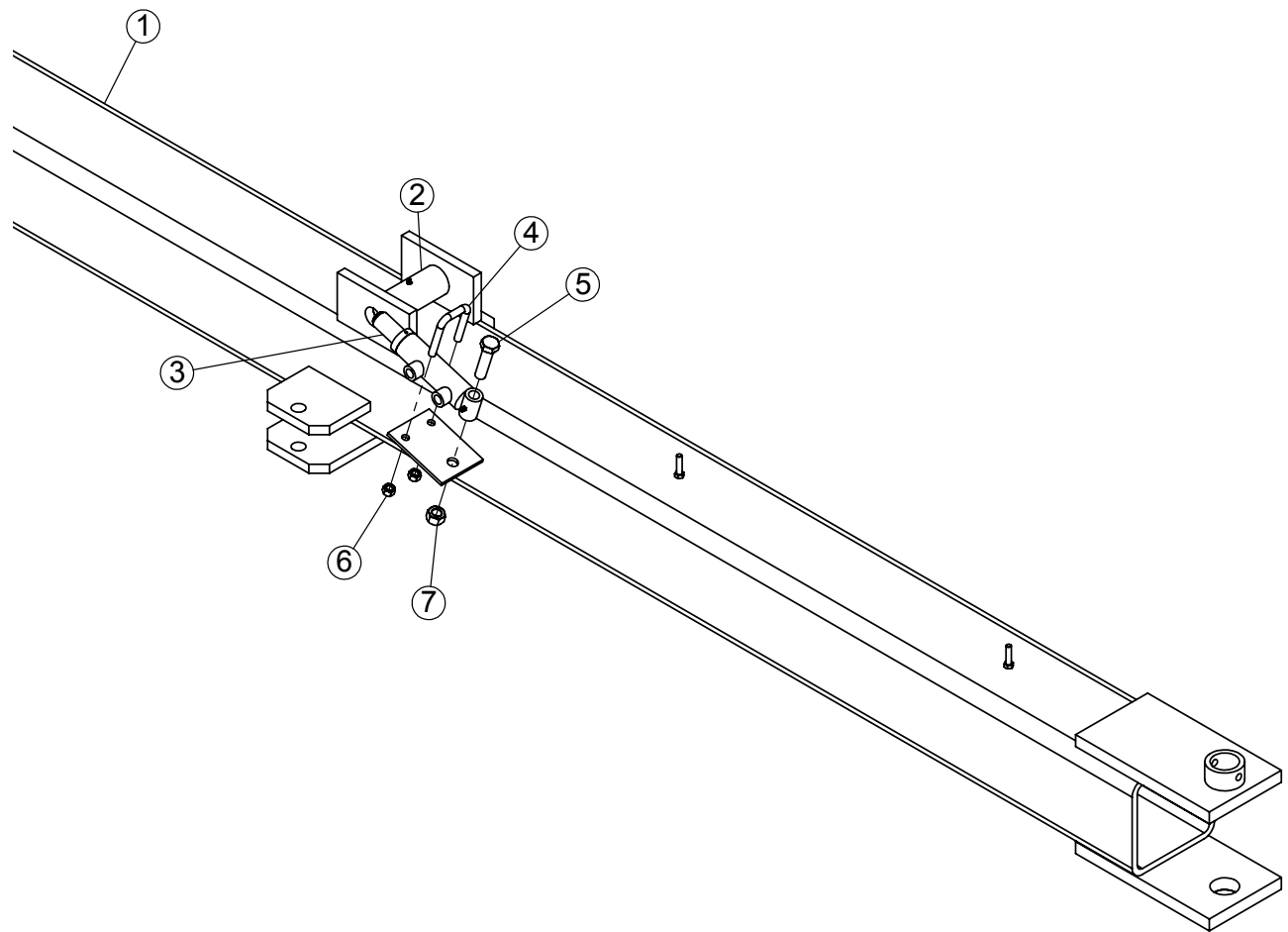


Right Caster Wheel and Cylinder Assembly



Fig.	Part no.	Qty	Description
1	760022006	1	Right Inner Wing Weldment
2	762500301	1	Right Caster Tower Wheel Assembly
3	76301233	1	12.5L x 15SL x 12 Ply X 10 X 15 Tire and Wheel
4	76301151	8	Lug Bolt 9/16"-18 x 1-1/8"
5	600356014	1	Bolt 5/8" x 4-1/2" Gr. 5
6	76602187	1	Caster Wheel Unit Collar
7	600366031	1	Stover Locknut Type C - 5/8" UNC
8	76602112	2	Cylinder Pin 1" x 3" Plated
9	76101246	4	3/16" x 1-1/2" Cotter Pin
10	76204015	1	3-1/4" x 10" Rephase Cylinder - Black

Safety Latch Cylinder Assembly

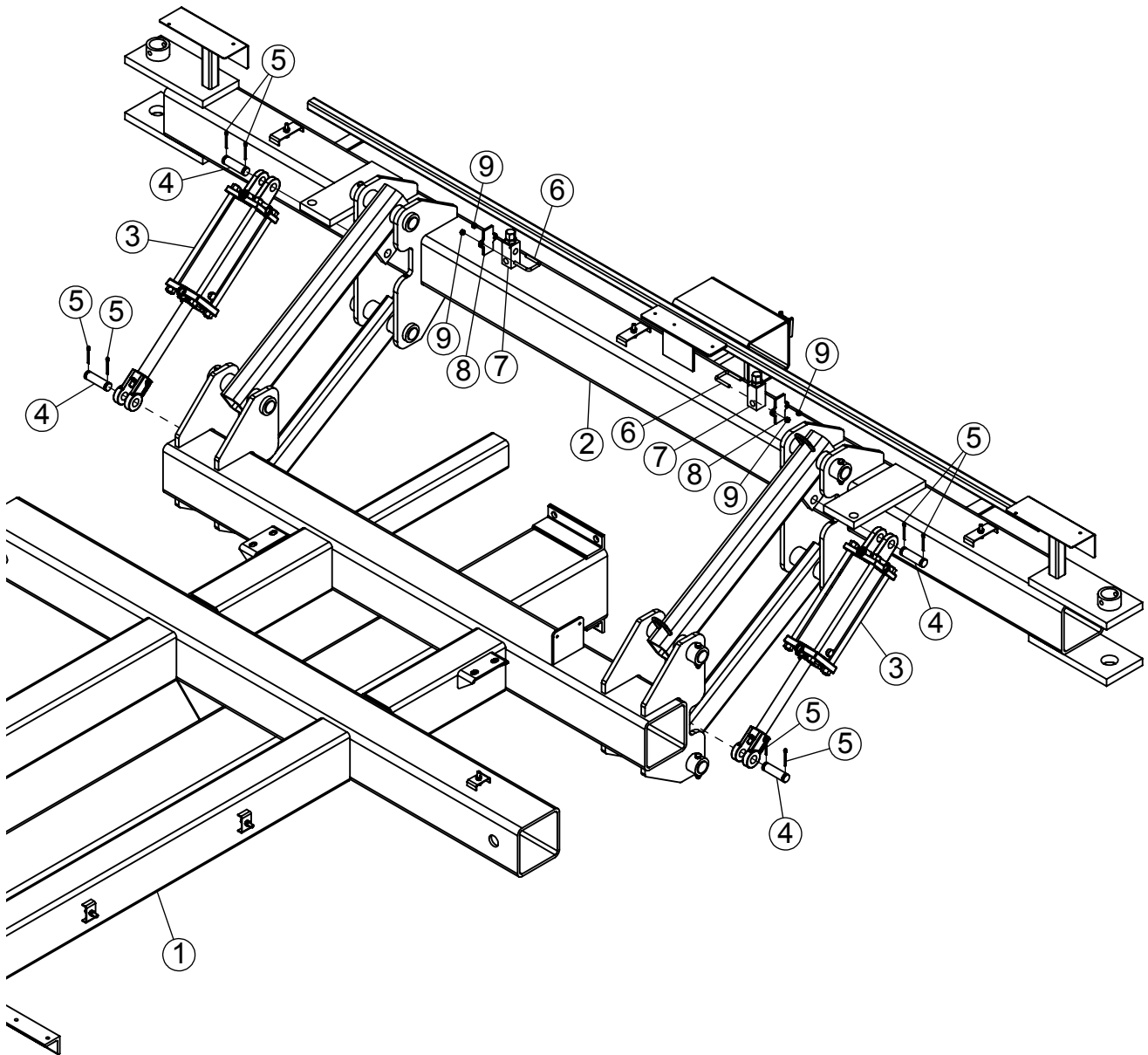


Safety Latch Cylinder Assembly



Fig.	Part no.	Qty	Description
1	760022011	1	Inner Hitch Weldment
2	767260153	1	Safety Latch Pivot Bushing
3	76204020	1	Safety Latch Hydraulic Ram
4	600373061	1	U-Bolt 1/2" x 2" x 3-1/4"
5	600355026	1	Bolt 3/4" x 6-1/2" Gr. 8
6	600366030	2	Stover Locknut Type C - 1/2" UNC
7	600366024	1	Stover Locknut Type C - 3/4" UNC

Main Frame Lift Cylinder Assembly

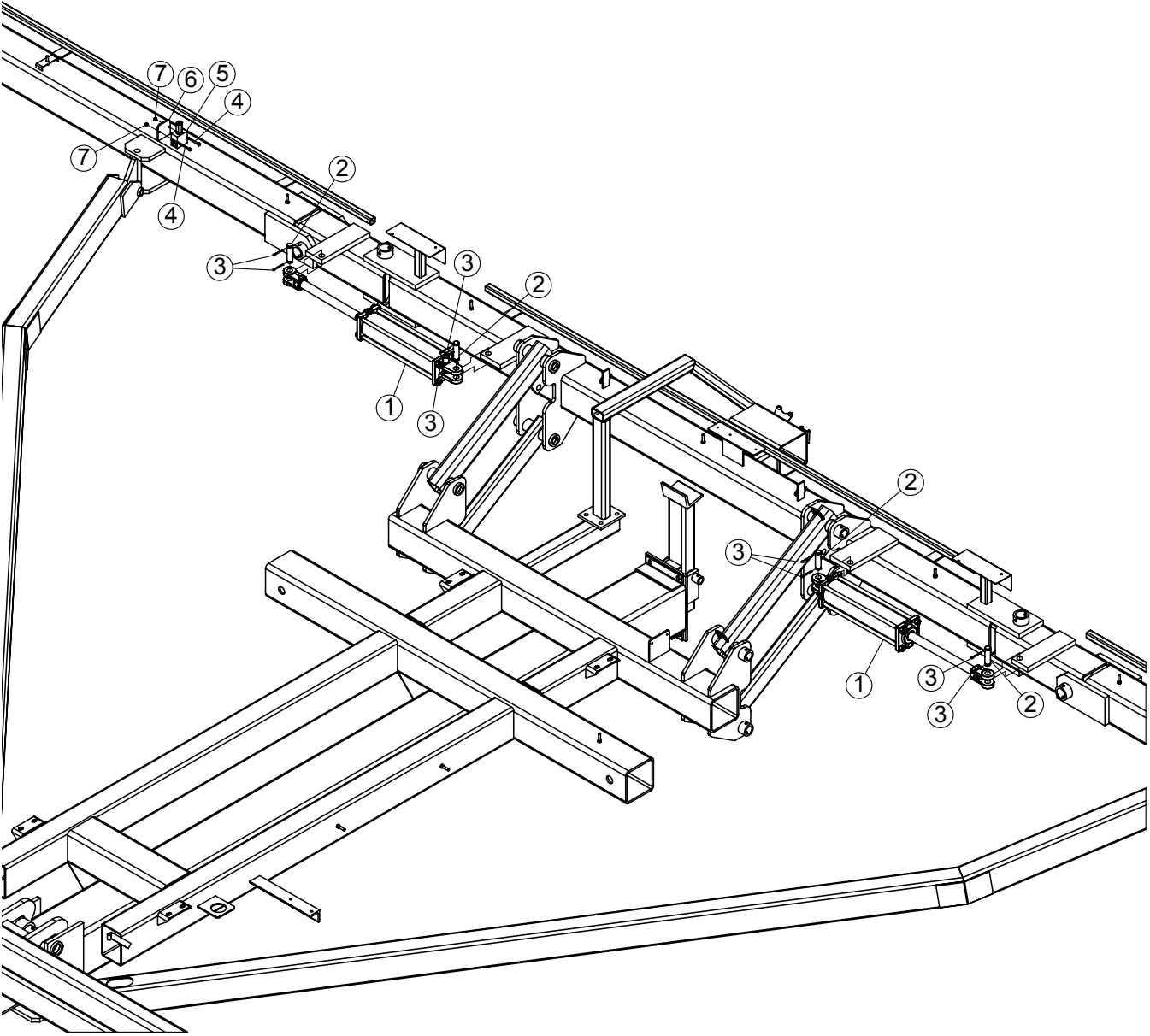


Main Frame Lift Cylinder Assembly



Fig.	Part no.	Qty	Description
1	760022012	1	Main Frame Weldment
2	760022010	1	Rear Linkage Weldment
3	76204017	2	3-3/4" x 10" Rephase Cylinder
4	76602112	4	Cylinder Pin 1" x 3" Plated
5	76101347	8	3/16" x 2" Cotter Pin
6	76101319	2	5/16"-18 x 1-5/8" x 2.5" U-Bolt
7	76203004	2	Pressure Relief Valve
8	760021156	2	Relief Valve Bracket
9	600366027	4	Stover Locknut Type C - 5/16" UNC

Fold Cylinder Assembly

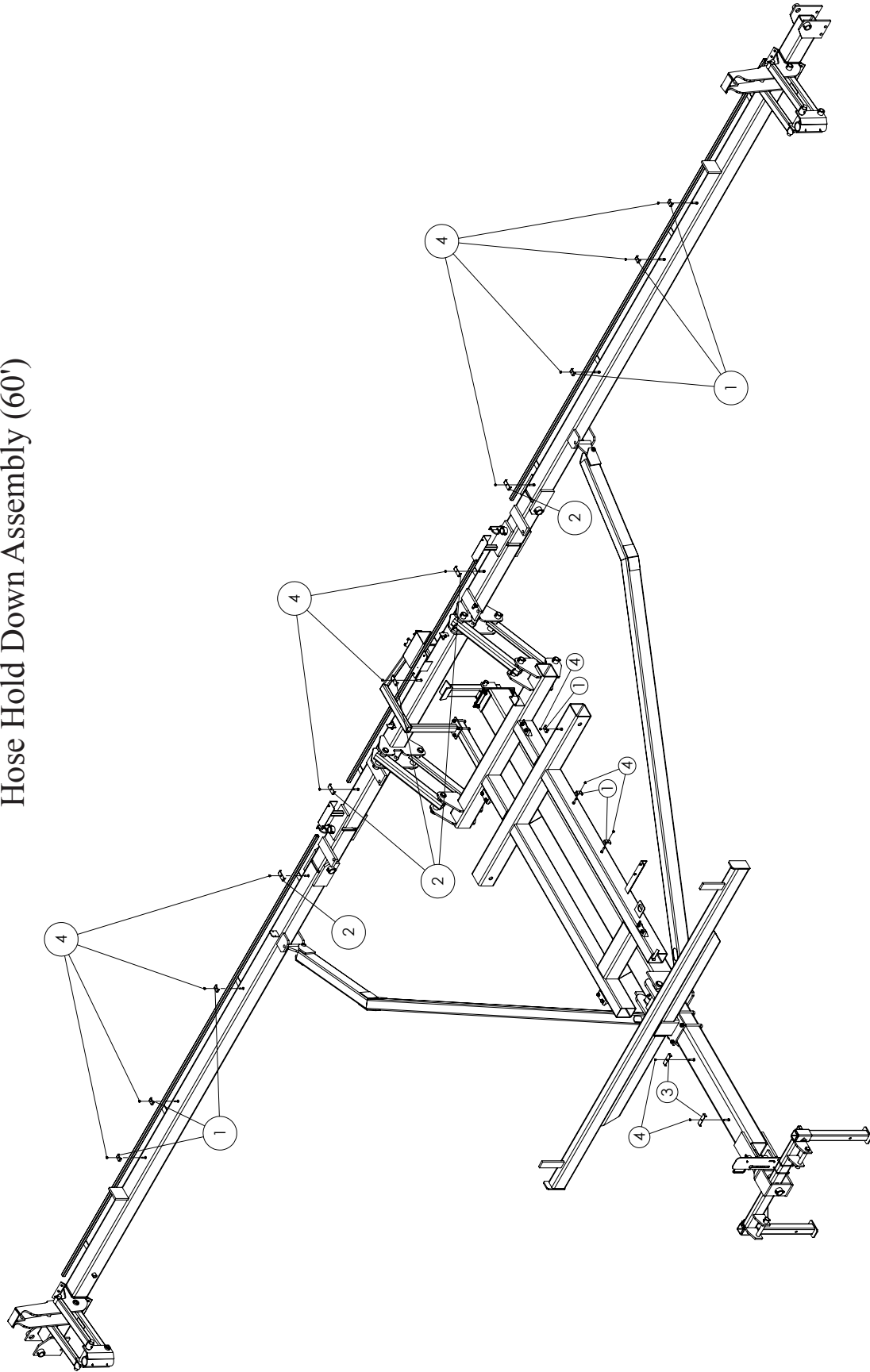


Fold Cylinder Assembly



Fig.	Part no.	Qty	Description
1	76204007	2	4" x 16" Hydraulic Cylinder - Black
2	76602112	4	Cylinder Pin 1" x 3" Plated
3	76101347	8	3/16" x 2" Cotter Pin
4	76101105	2	Bolt 1/4"-20 x 2-1/2" Plated Gr. 5
5	76203101	1	Valve Assembly
6	760021128	1	Valve Mount Plate
7	600366026	2	Stover Locknut Type C - 1/4" UNC

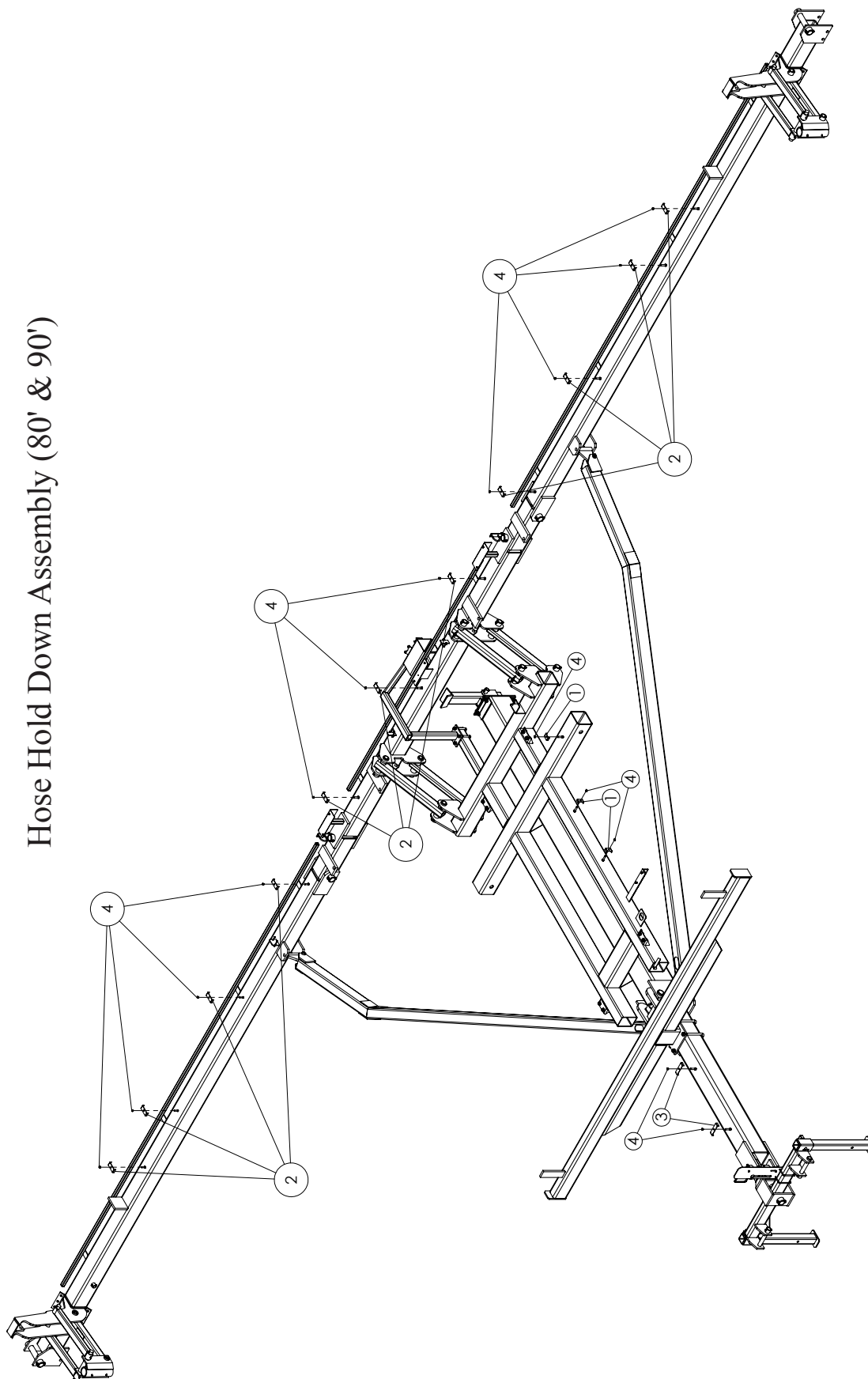
Hose Hold Down Assembly (60')



Hose Hold Down Assembly (60')

Fig.	Part no.	Qty	Description
1	76400117	9	2 Hose Hold Down
2	76400080	5	4 Hose Hold Down
3	76400207	2	5 Hose Hold Down
4	600366028	16	Stover Locknut Type C - 3/8" - UNC

Hose Hold Down Assembly (80' & 90')

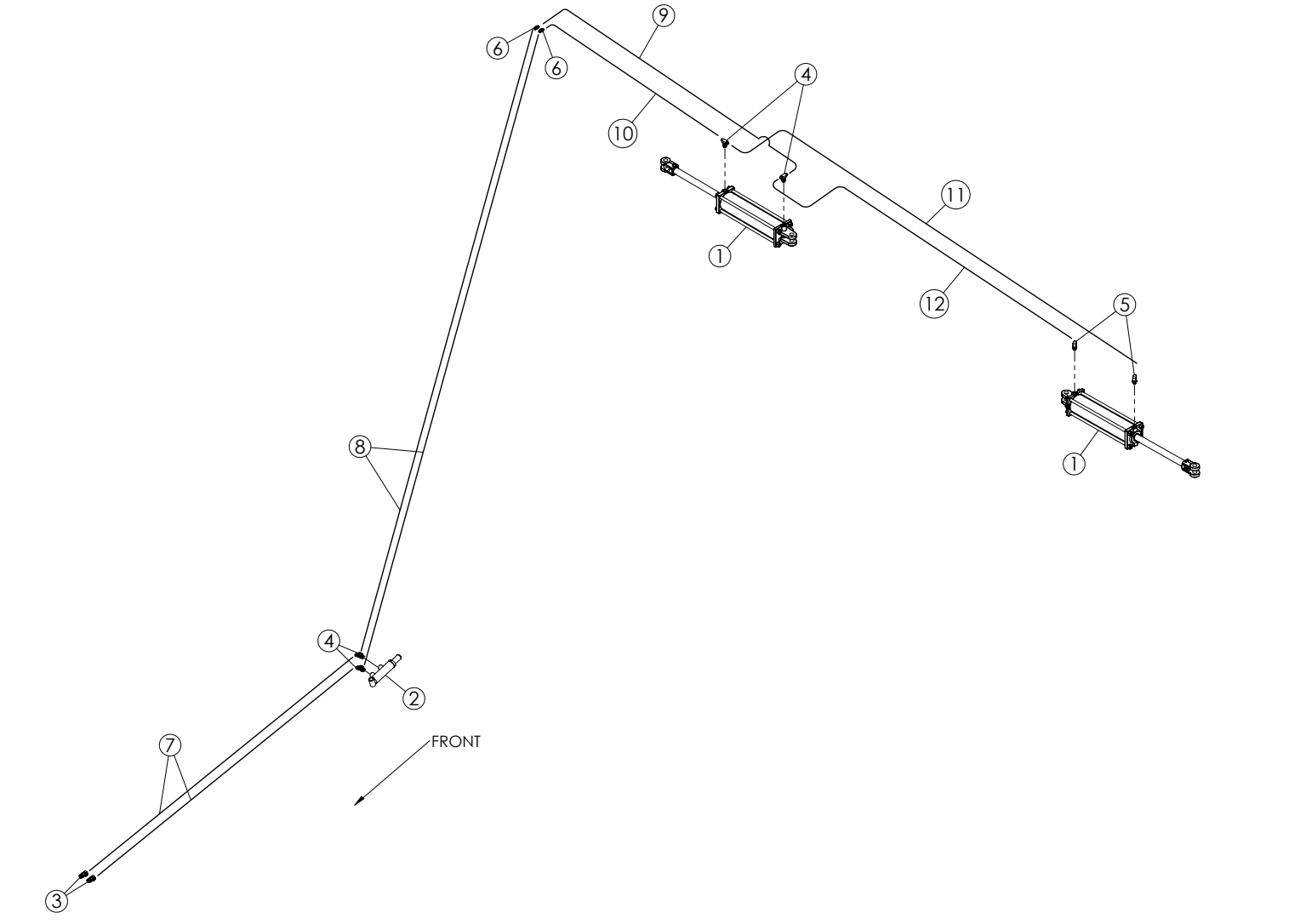


Hose Hold Down Assembly (80' & 90')

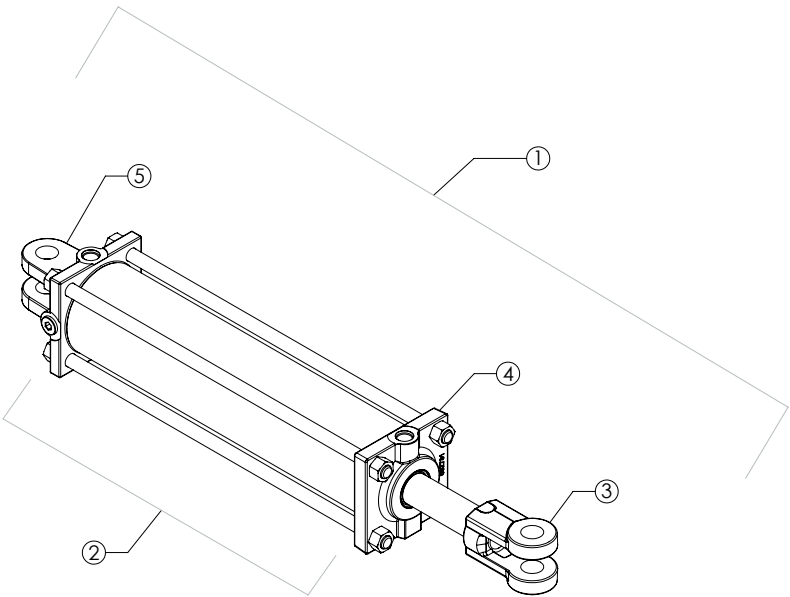
Fig. Part no. Qty Description

1	76400117	9	2 Hose Hold Down
2	76400080	5	4 Hose Hold Down
3	76400207	2	5 Hose Hold Down
4	600366028	16	Stover Locknut Type C - 3/8" - UNC

Fold Hydraulics (60')



4" x 16" Hydraulic Cylinder

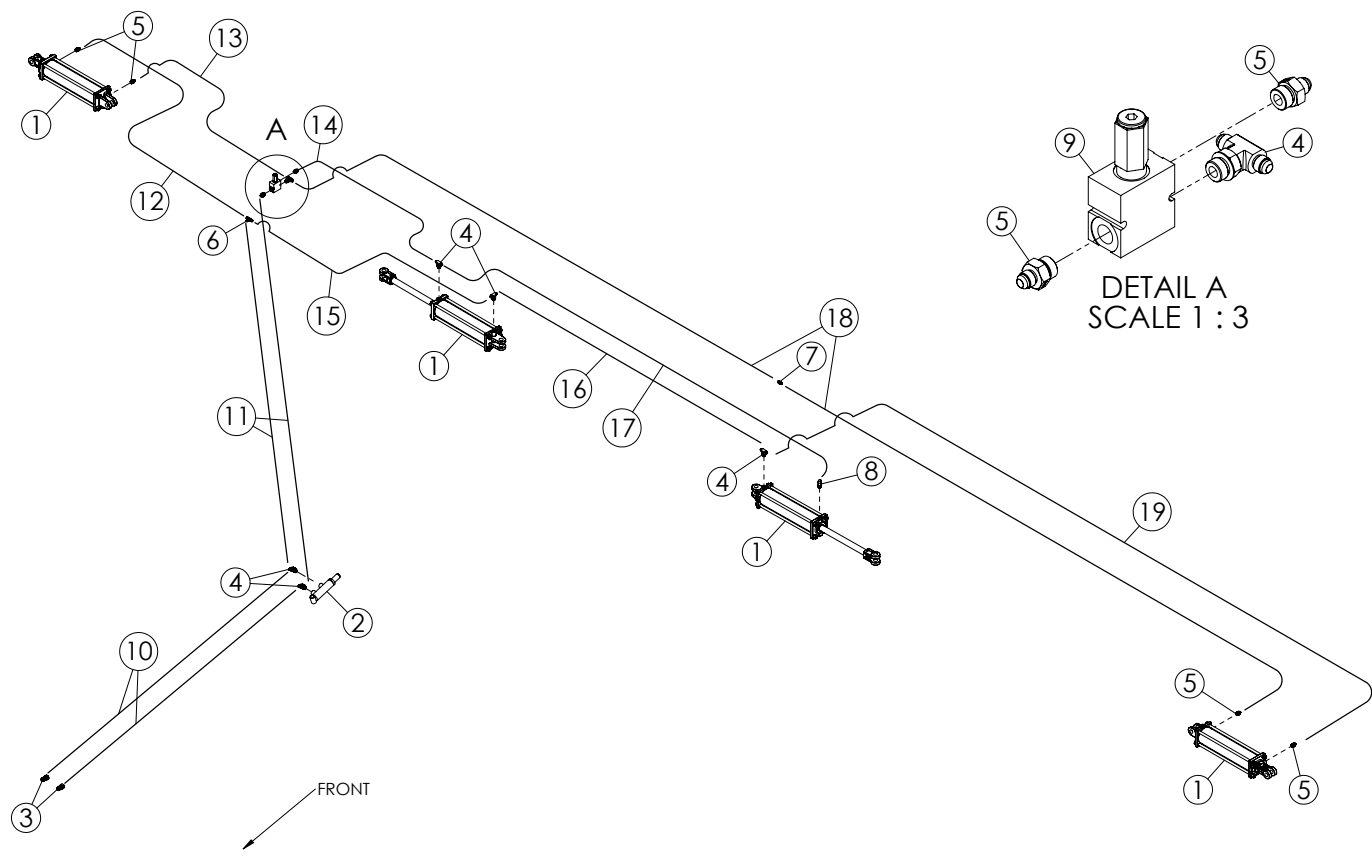


Fold Hydraulics (60')



Fig.	Part no.	Qty	Description
1	76204007	2	4" x 16" Hydraulic Cylinder - Black
2	76204020	1	Safety Latch Hydraulic Ram
3	76201028	2	1/2" Female NPT-Pioneer Male Tip
4	7600470466	4	#6 MJIC x #6 MJIC x #8 M-Oring Branch Tee
5	76201001	2	No. 6 MJIC x No. 8 Male Oring Boss 90
6	762010601	2	No. 6 MJIC Union
7	76202281	2	1/4" x 154" x 6 JICF x 1/2" MNPT Hose
8	7600470472	2	Hyd. Hose - 3/8" x 8 FJIC x 8 FJIC - 240"
9	76202034	1	1/4" x 102" x 6 FJX x 6 FJX Hose
10	76202258	1	1/4" x 84" x 6 FJIC x 6 FJIC Hose
11	76202241	1	1/4" x 140" x 6 FJIC x 6 FJIC Hose
12	76202159	1	1/4" x 110" x 6 FJIC x 6 FJIC Hose
1	76204007	1	4" x 16" Hydraulic Cylinder - Black
2	76205175	1	Seal Kit
3	76205100	1	Rod Clevis
4	76205176	1	Rod Cap
5	76205177	1	Clevis Cap

Fold Hydraulics (80' and 90')

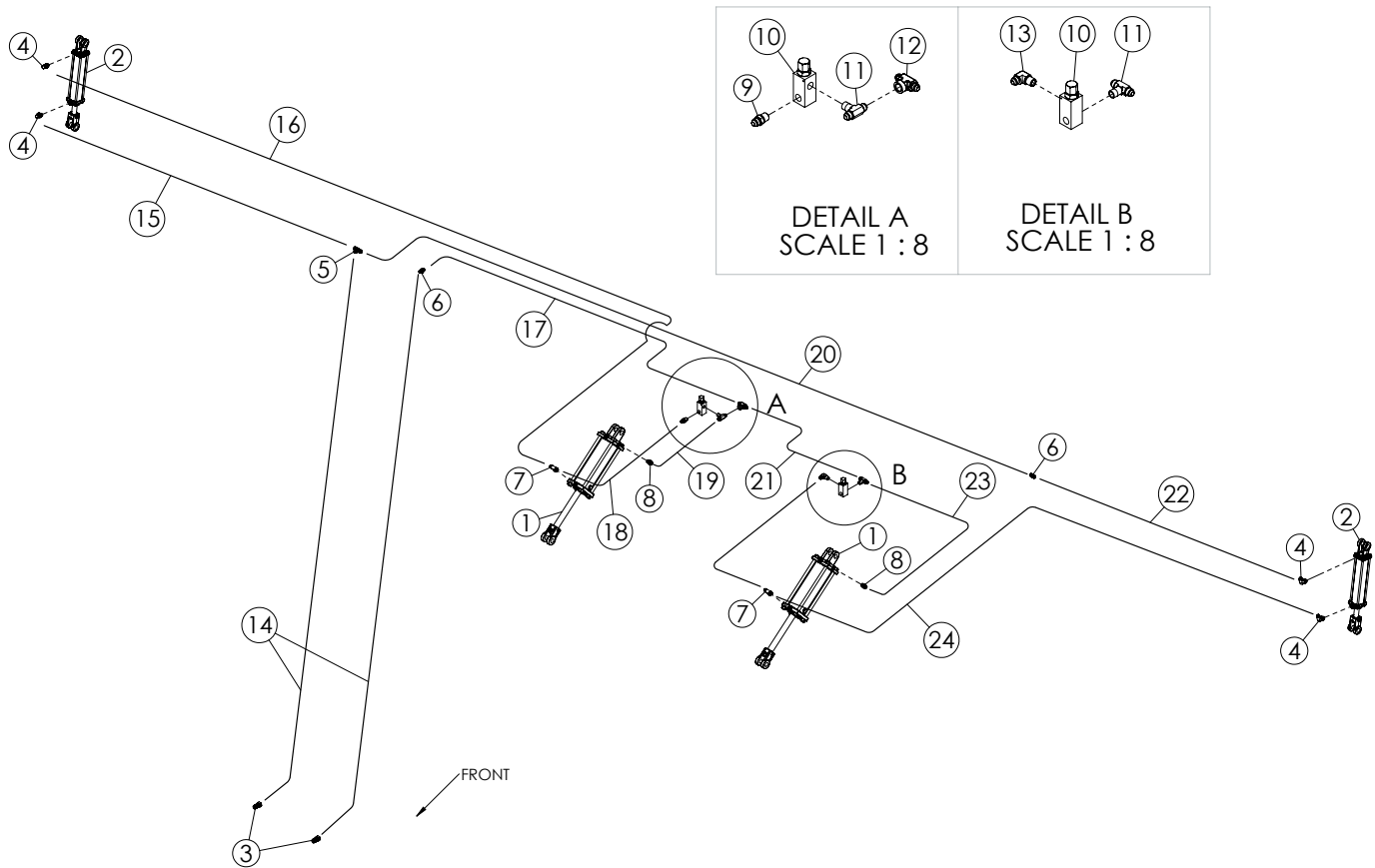


Fold Hydraulics (80' and 90')



Fig.	Part no.	Qty	Description
1	76204007	4	4" x 16" Hydraulic Cylinder - Black
2	76204020	1	Safety Latch Hydraulic Ram
3	76201028	2	1/2" Female NPT-Pioneer Male Tip
4	7600470466	6	#6 MJIC x #6 MJIC x #8 M-Oring Branch Tee
5	76201003	6	No. 6 MJIC x No. 8 Male Oring Straight
6	76201009	1	No. 6 MJIC Union Tee
7	762010601	1	No. 6 MJIC Union
8	76201001	1	No. 6 MJIC x No. 8 Male Oring Boss 90
9	76203101	1	Valve Assembly
10	76202281	2	1/4" x 154" x 6 JICF x 1/2" MNPT Hose
11	76202284	2	1/4" x 240" x 6 JICF x 6 JICF Hose
12	76202283	1	1/4" x 310" x 6 JICF x 6 JICF Hose
13	76202208	1	1/4" x 188" x 6 FJIC x 6 FJIC Hose
14	76202258	1	1/4" x 84" x 6 FJIC x 6 FJIC Hose
15	76202034	1	1/4" x 102" x 6 FJX x 6 FJX Hose
16	76202159	1	1/4" x 110" x 6 FJIC x 6 FJIC Hose
17	76202241	1	1/4" x 140" x 6 FJIC x 6 FJIC Hose
18	7600470473	2	1/4 Hose x 6 FJIC x 6 FJIC - 233"
19	76202267	1	1/4" x 290" x 6 FJIC x 6 FJIC Hose

Lift Hydraulics



Rephase Cylinders

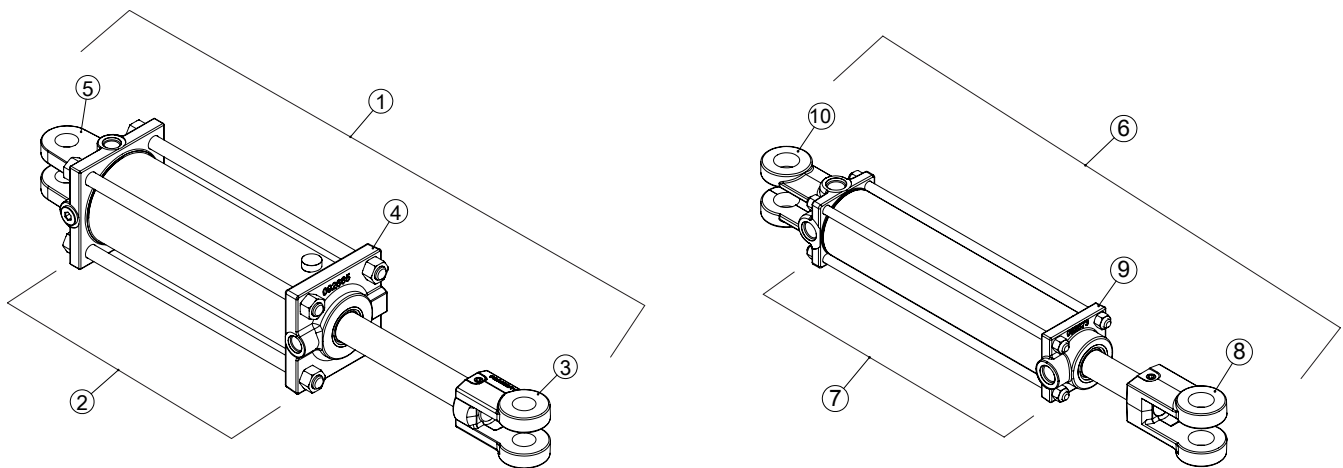
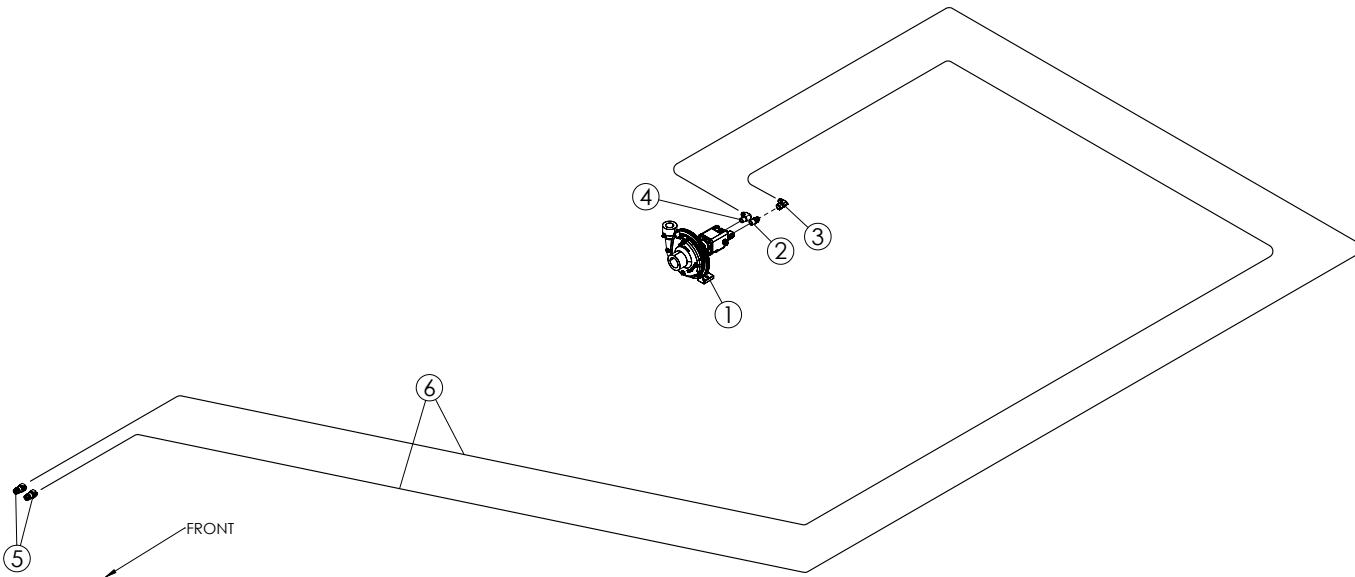


Fig.	Part no.	Qty	Description
1	76204017	2	3-3/4" x 10" Rephase Cylinder
2	76204015	2	3-1/4" x 10" Rephase Cylinder
3	76201028	2	1/2" Female NPT-Pioneer Male Tip
4	76201002	4	No. 8 MJIC x No. 8 Male Oring Boss 90
5	76201010	1	No. 8 Male JIC Tee
6	76201060	2	No. 8 MJIC Union
7	76201020	2	No. 8 Male Oring x 8 MJIC Branch Tee
8	76201004	2	No. 8 MJIC x No. 8 Male Oring Straight
9	76201057	1	1/2" MNPT x #8 MJIC Straight
10	76203004	2	Pressure Relief Valve
11	76201040	2	NO. 8 MJIC and 1/2" MNPT Branch Tee
12	76201058	1	#8 FJIC x #8 MJIC Branch Tee
13	76201034	1	No. 8 Male JIC x 1/2" Male Pipe 90
14	7600470465	2	3/8" x 1/2" MNPT x #8 FJIC x 372" - Hyd. Hose
15	7600470472	1	Hyd. Hose - 3/8" x #8 FJIC x #8 FJIC - 240"
16	7600470470	1	Hyd. Hose - 3/8" x #8 FJIC x #8 FJIC - 310"
17	600470444	1	3/8" x 8 FJIC x 8 FJIC x 120" - Hyd. Hose
18	76202055	1	3/8" x 35" x 8 FJX x 8 FJX Hose
19	76202028	1	3/8" x 20" x 8 FJX x 8 FJX Hose
20	7600470464	1	3/8" x #8 FJIC x #8 FJIC x 228" - Hyd. Hose
21	76202060	1	3/8" x 47" x 8 FJX x 8 FJX Hose
22	7600470471	1	Hyd. Hose - 3/8" x 8 FJIC x 8 FJIC - 294"
23	76202059	1	3/8" x 42" x 8 FJX x 8 FJX Hose
24	76202274	1	3/8" x 330" x #8 FJIC x #8 FJIC Hose
1	76204017	1	3-3/4" x 10" Rephase Cylinder
2	76205180	1	Seal Kit
3	76205187	1	Rod Clevis
4	76205188	1	Rod Cap
5	76205189	1	Clevis Cap
6	76204015	1	3-1/4" x 10" Rephase Cylinder
7	76205178	1	Seal Kit
8	76205181	1	Rod Clevis
9	76205182	1	Rod Cap
10	76205183	1	Clevis Cap

Hydraulic Pump Hydraulics

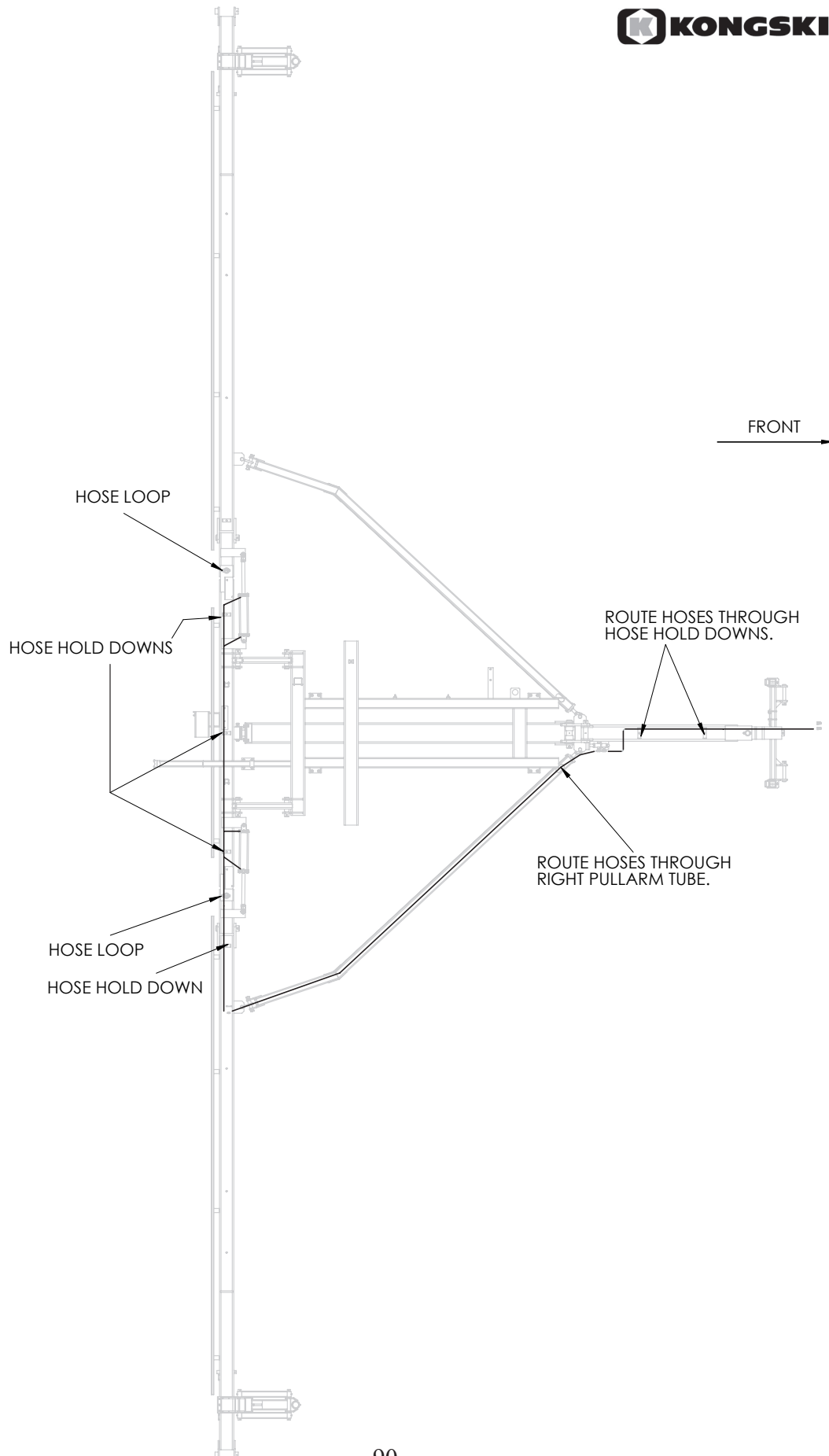


Hydraulic Pump Hydraulics

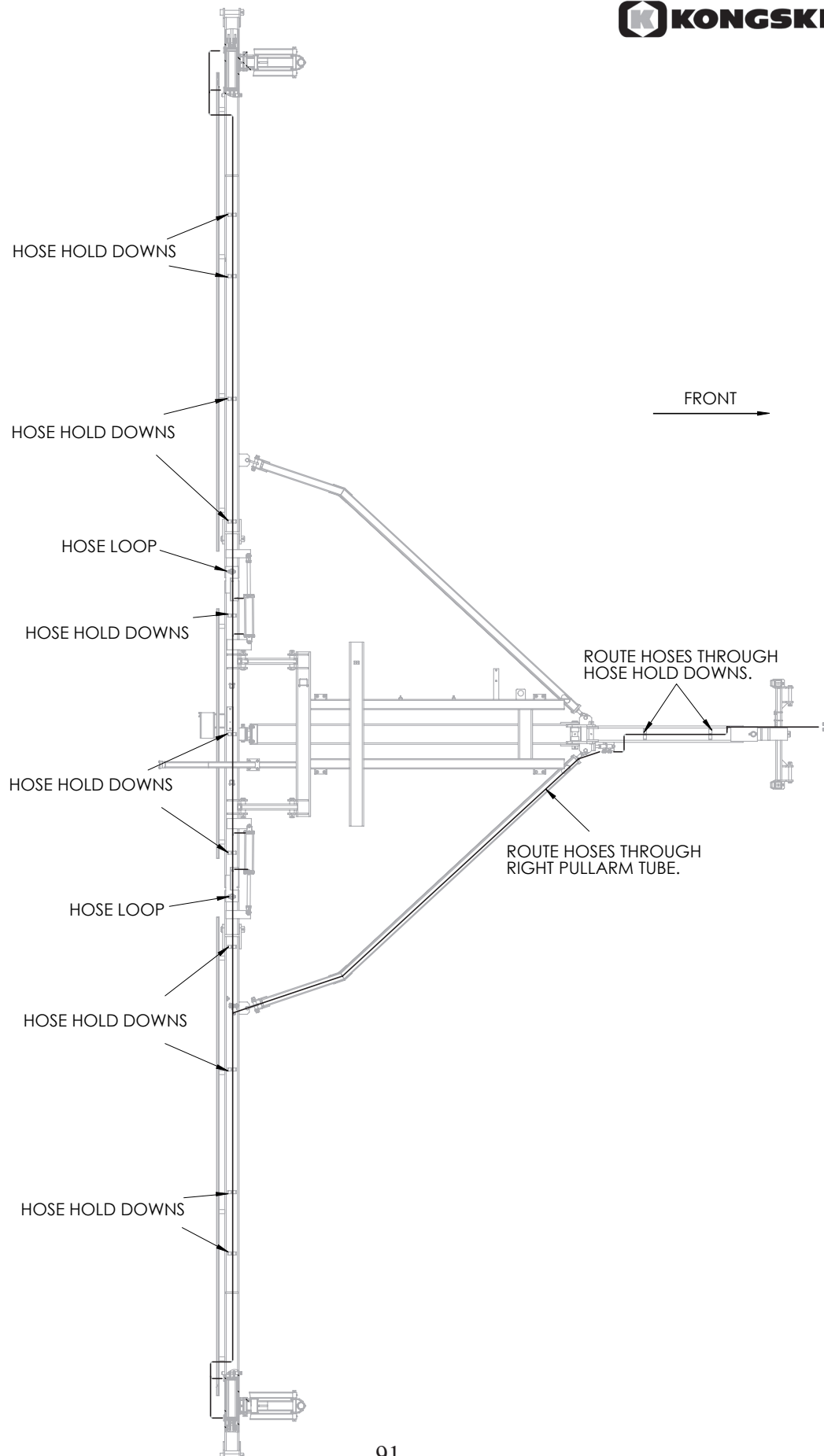


Fig.	Part no.	Qty	Description
1	76750039	1	Hydraulic Pump
2	76201057	1	1/2" MNPT x #8 MJIC Straight
3	76201059	1	No. 8 MJIC x No. 8 FJIC Swivel 90
4	76201034	1	No. 8 Male JIC x 1/2" Male Pipe 90
5	76201028	2	1/2" Female NPT-Pioneer Male Tip
6	76202287	2	1/2" x 636" x 8 JICF x 1/2" MNPT Hose

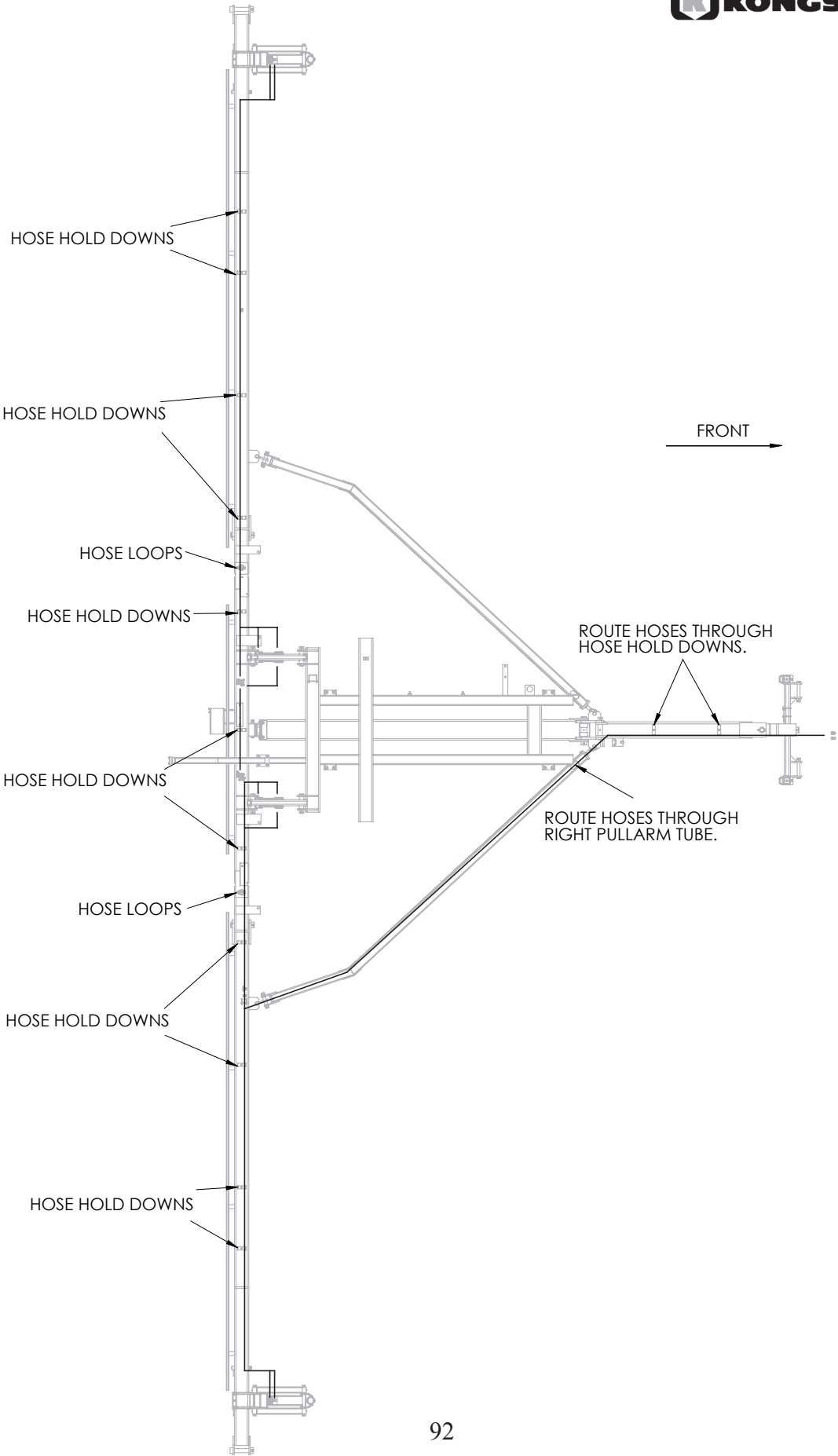
Fold Hydraulics Hose Routing (60')



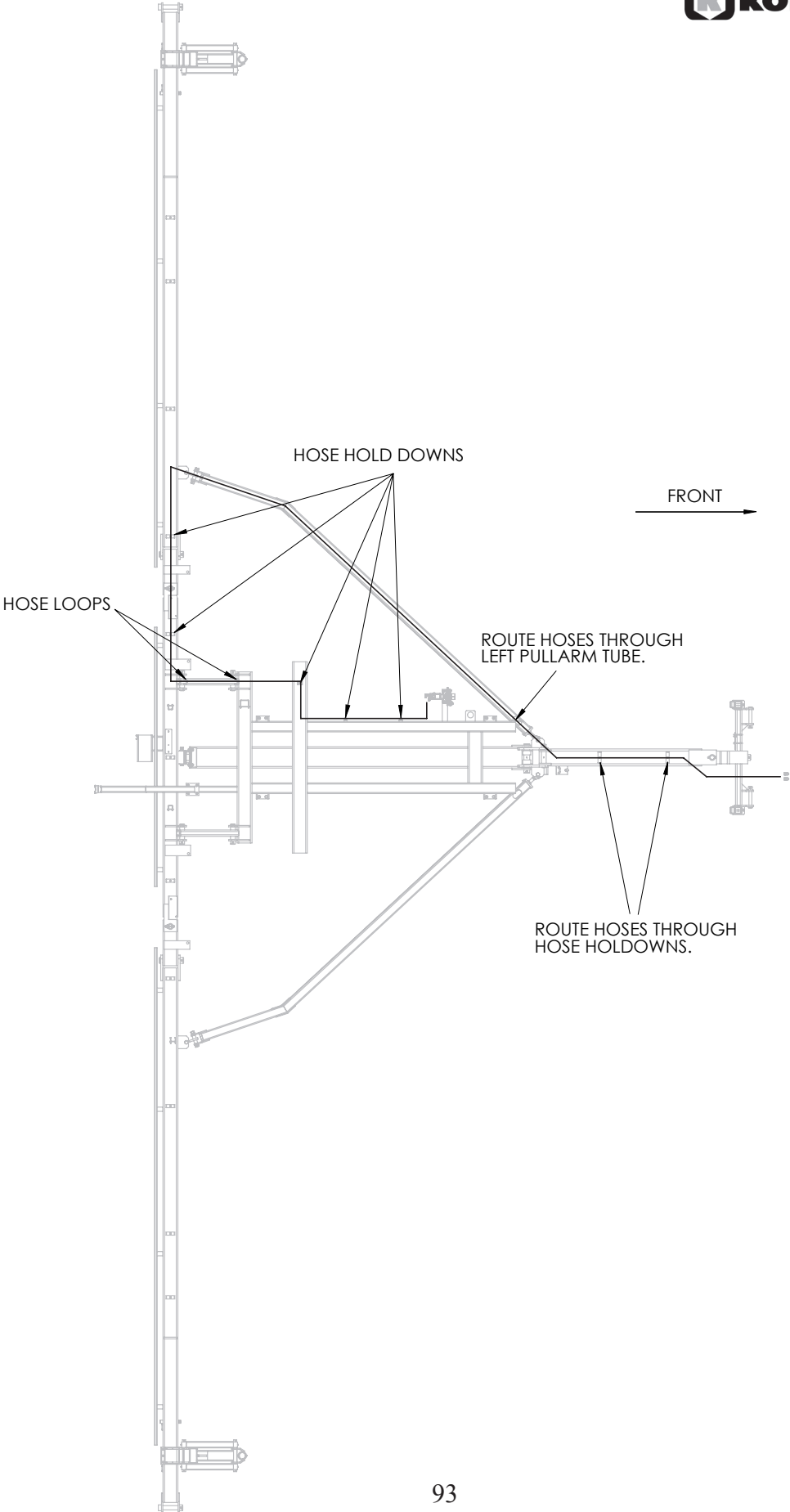
Fold Hydraulics Hose Routing (80' and 90')



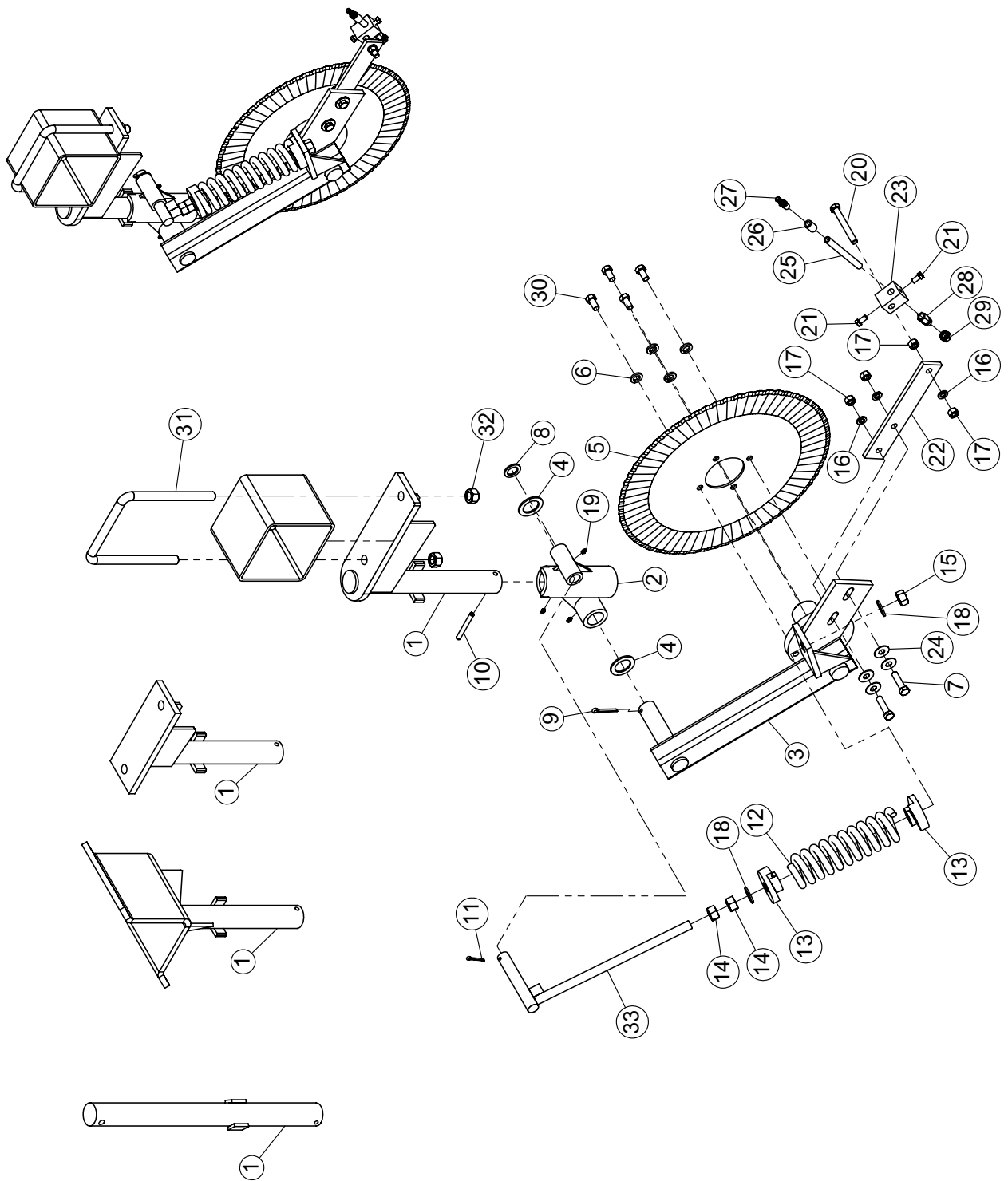
Lift Hydraulics Hose Routing



Hydraulic Pump Hose Routing



Liquid Injection Swivel Coupler Assembly

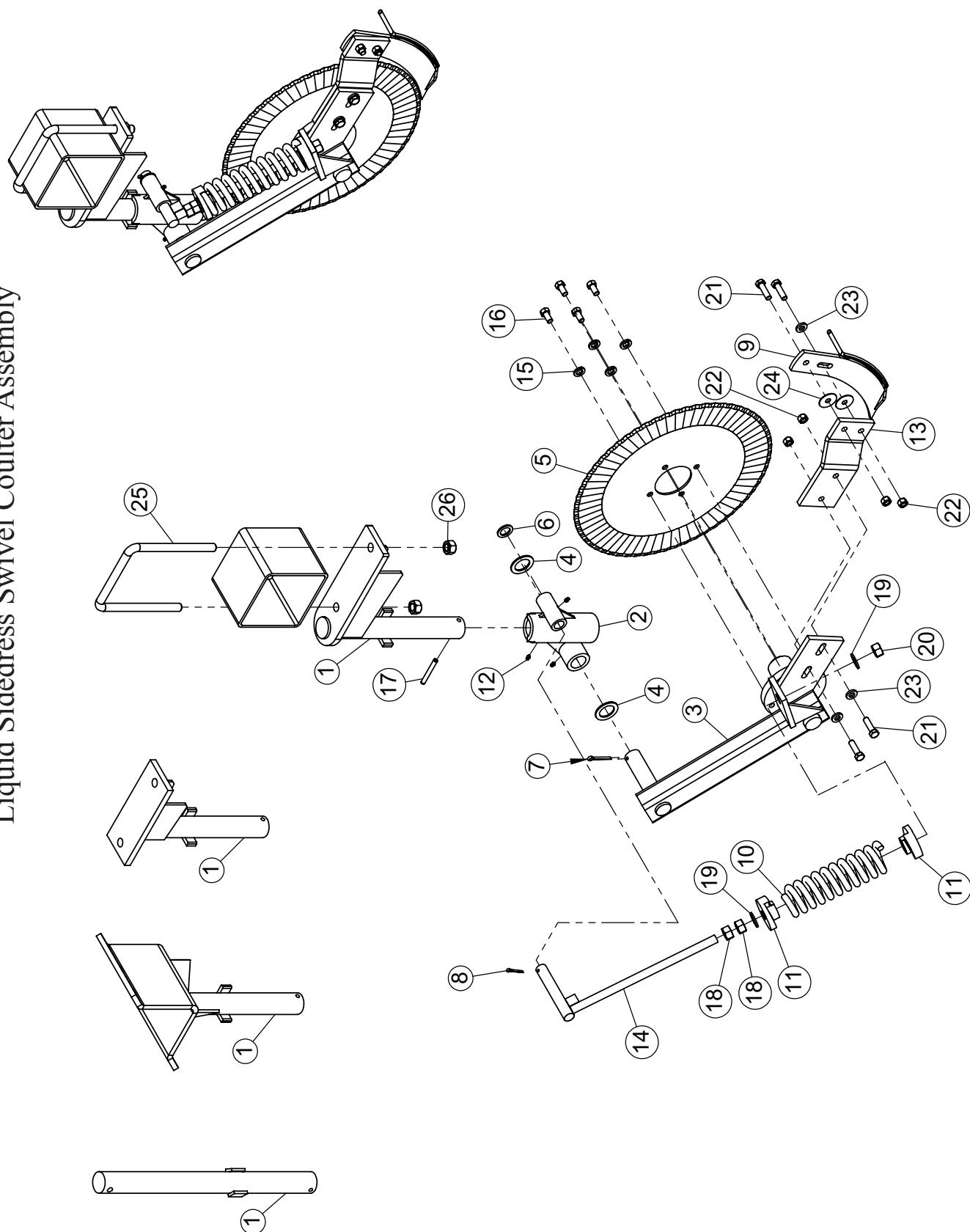


Liquid Injection Swivel Coupler Assembly

Fig. Part no. Qty Description

1	76801698	1	Swivel Coupler Mounting Bracket Weldment
-	76802076	-	Swivel Coupler Offset Mount
-	76801884	-	Wheel Clamp Weldment
-	76801701	-	Center Swivel Coupler Pin Weldment
2	76450063	1	Liquid Coupler Cast Swivel
3	768017881	1	Liquid Coupler Arm Weldment
4	76101462	2	10 Ga. x 1-1/2" Machine Washer (Zinc Plated)
5	76400101	1	20" Ripple Coupler Blade Straight
-	764000097	-	20" Smooth Coupler - Black (Not Shown)
6	600382054	4	Lock Washer 5/8"
7	76101149SS	2	1/2"-13 x 2" Hex Bolt SS
8	76101435	1	10 Ga. x 1" Machine Washer
9	76101265	1	1/4" x 2" Cotter Pin
10	76101425	1	3/8" x 3" Roll Pin
11	76101246	1	3/16" x 1-1/2" Cotter Pin
12	76400095	1	10-1/4" Coupler Compression Spring - Black
13	76400096	2	Spring Casting for Our #400095 - Black
14	76101215	2	3/4"-10 Hex Nut Plated
15	600365019	1	Standard Nut 3/4"
16	76101222SS	3	1/2" Lock Washer - Stainless Steel
17	76101213SS	4	1/2"-13 Hex Nut - Stainless Steel
18	76101233	2	3/4" Flat Washer Plated
19	76101252	3	1/4"-28 Straight Grease Zerk
20	76101153SS	1	1/2"-13 x 4" Hex Bolt Stainless Steel
21	76101281SS	2	3/8"-16 x 3/4" Hex Bolt Stainless Steel
22	760000136	1	Coupler Injection Arm
23	76400103	1	Injection Tube Mounting Block
24	76101231SS	4	1/2" Flat Washer - Stainless Steel
25	767000279	1	1/4" NPT x 6 Stainless Steel Nipple
26	767000307	1	1/4" FNPT Stainless Bushing
27	767000277	1	1/4" NPT x 3/8" Hose Barb
28	767000289	1	Teejet T-Body Fitting
29	767000288	1	Teejet Cap Stainless Steel - CP1325-SS
30	76301150	4	Lug Bolt - 1/2"-20 x 1"
31	76101316	1	3/4"-10 x 7" x 9" U-Bolt Plated
32	600366024	2	Stover Locknut Type C - 3/4" UNC
33	76801789	1	Tension Rod Weldment for Cast

Liquid Sidedress Swivel Coulter Assembly

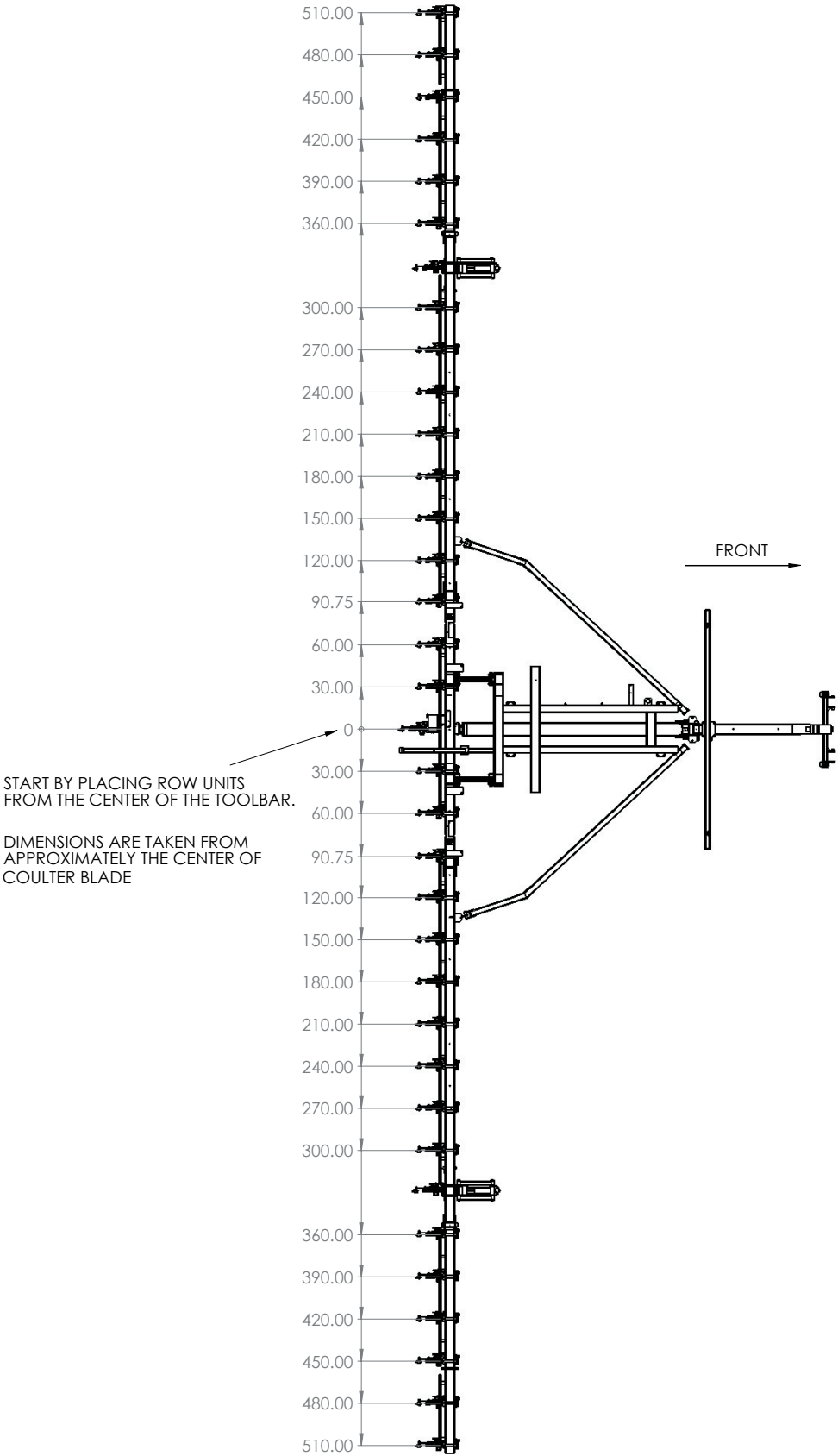


Liquid Sidedress Swivel Coupler Assembly

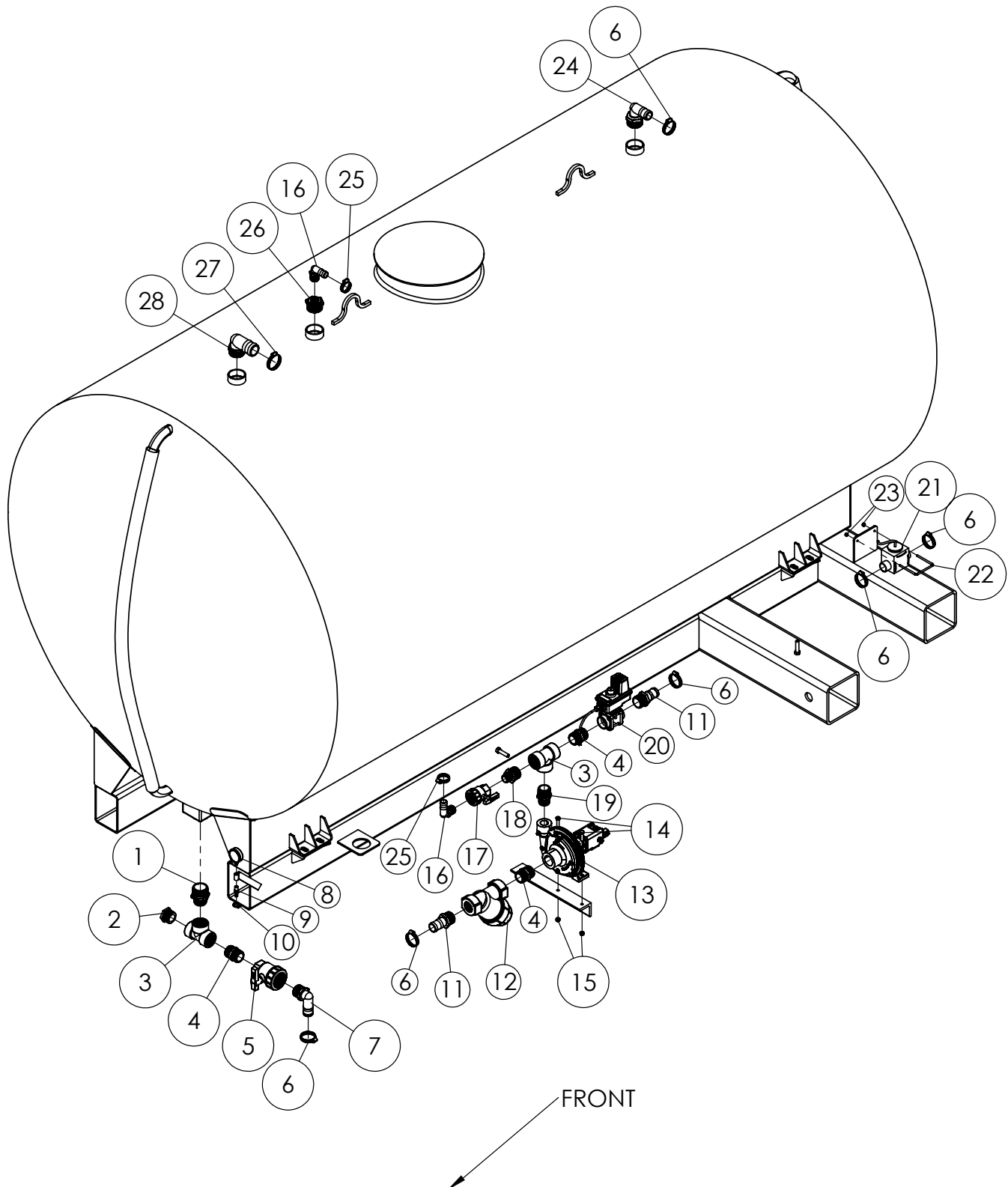
Fig. Part no. Qty Description

1	76801698	1	Swivel Coupler Mounting Bracket Weldment
-	76802076	-	Swivel Coupler Offset Mount
-	76801884	-	Wheel Clamp Weldment
-	76801701	-	Center Swivel Coupler Pin Weldment
2	76450063	1	Liquid Coupler Cast Swivel
3	768017881	1	Liquid Coupler Arm Weldment
4	76101462	2	10 Ga. x 1-1/2" Machine Washer (Zinc Plated)
5	76400101	1	20" Ripple Coupler Blade Straight
-	764000097	-	20" Smooth Coupler - Black (Not Shown)
6	76101435	1	10 Ga. x 1" Machine Washer
7	76101265	1	1/4" x 2" Cotter Pin
8	76101246	1	3/16" x 1-1/2" Cotter Pin
9	76450078	1	Liquid Sidedress Knife
10	76400095	1	10-1/4" Coupler Compression Spring - Black
11	76400096	2	Spring Casting For Our #400095 - Black
12	76101252	3	1/4"-28 Straight Grease Zerk
13	760000134	1	Knife Bracket
14	76801789	1	Tension Rod Weldment For Cast
15	600382054	4	Lock Washer 5/8"
16	76301150	4	Lug Bolt 1/2"-20 x 1"
17	76101425	1	3/8" x 3" Roll Pin
18	76101215	2	3/4"-10 Hex Nut Plated
19	76101233	2	3/4" Flat Washer Plated
20	600365019	1	Standard Nut 3/4"
21	7600356139	4	1/2"-20 x 1-3/4" Hex Bolt Plated Gr. 5 UNF
22	7600366050	4	Stover Locknut 1/2" Type C Plated UNF
23	7600381055	3	Flat Washer 1/2" (.172" Thick)
24	7600381015	2	Flat Washer 1/2" x 1-3/4" O.D. x .062" Thickness
25	76101316	1	3/4"-10 x 7" x 9" U-Bolt Plated
26	600366024	2	Stover Locknut Type C - 3/4" UNC
27	76700126	2	3/8" - 1/2" Stainless Steel Hose Clamp
28	76700122	1	3/8" EDPM Hose (Cut Hose to Length)

Row Unit Placement (60', 80', 90' - 30" Rows)



Plumbing Schematic (Front View)

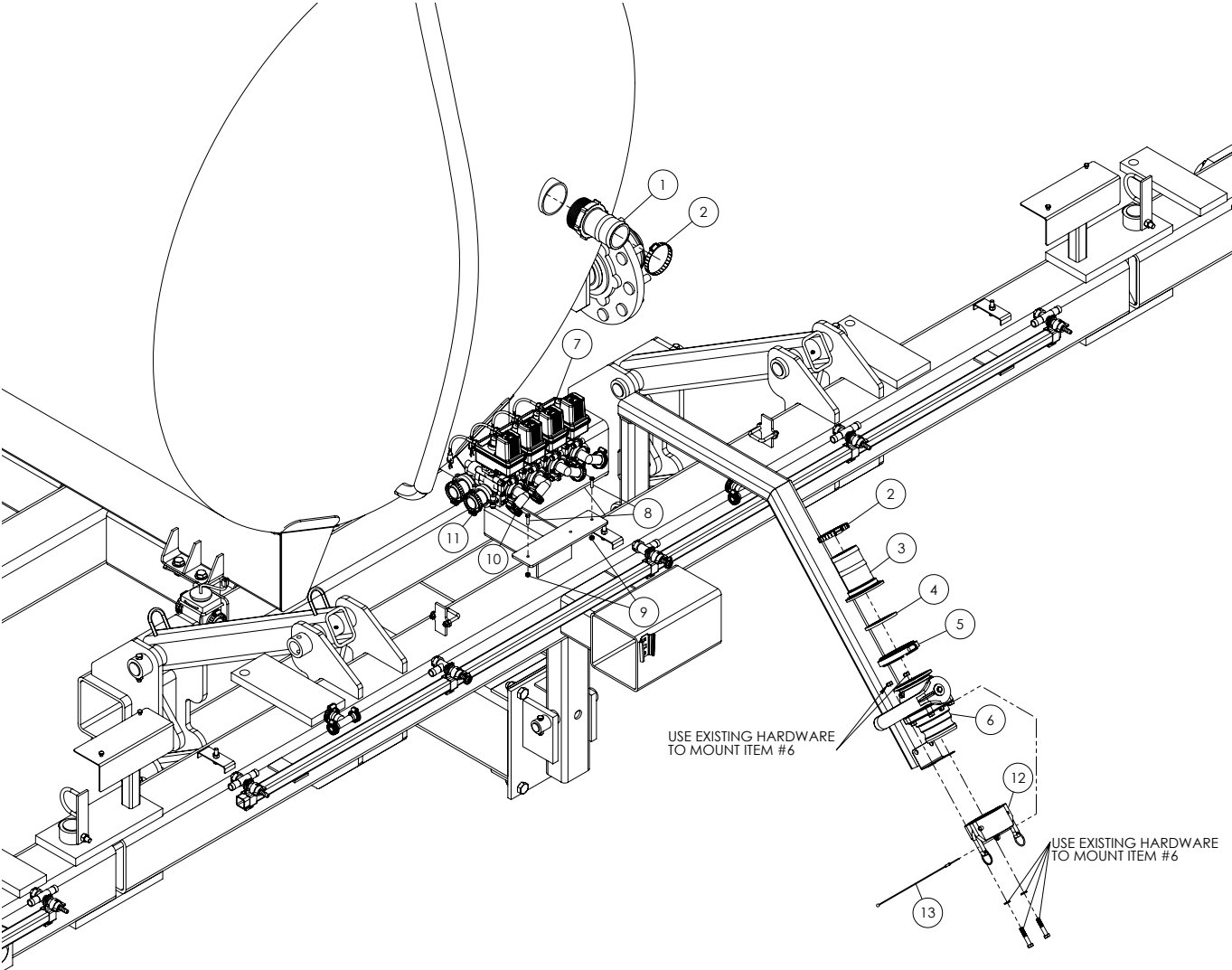


Plumbing Schematic (Front View)



Fig.	Part no.	Qty	Description
1	76700186	1	2" MNPT x 1-1/2" MNPT Reducer Nipple
2	76700084	1	1/2" MNPT x Plug
3	76700076	2	1-1/2" FNPT Tee
4	76700037	3	1-1/2" MNPT Close Nipple
5	76700171A	1	1-1/2" FNPT Gate Valve - Poly
6	76700129	6	1-1/4" - 1-1/2" Stainless Steel Hose Clamp
7	76700026	1	1-1/2" MNPT x 1-1/2" Barb - 90
8	76700237	1	4" Glycerin-Filled Gauge (0-100 PSI)
9	76700277	1	1-1/4" MNPT x 3/8" Hose Barb
10	76700126	1	3/8" - 1/2" Stainless Steel Hose Clamp
11	76700014	2	1-1/2" MNPT x 1-1/2" Barb - Straight
12	76700214	1	1-1/2" FNPT Banjo Filter
13	76750039	1	Hydraulic Pump
14	600356115	2	Bolt 3/8" x 1-1/2" Gr. 5
15	600366028	2	Stover Locknut Type C - 3/8" - UNC.
16	76700022	2	1" MNPT x 1" Barb - 90
17	76700169	1	1" FNPT Gate Valve - Poly
18	767001151	1	1-1/2" MNPT x 1" MNPT Reducing Nipple
19	767805254	1	1-1/2" x 1-1/4" Reducer Nipple - Poly
20	767800380	1	1-1/2" - Pressure Regulating Valve
21	767800372	1	Flow Meter - 1-1/2"
22	7600373125	1	U-Bolt 1/4" x 3-1/2" x 3-1/2"
23	600366026	2	Stover Locknut Type C - 1/4" - UNC
24	767000186	1	2" MNPT x 1-1/2" Barb - 90
25	76700128	2	1" - 1-1/4" Stainless Steel Hose Clamp
26	76700068	1	2" x 1" Reducer Bushing
27	76700130	1	2" Stainless Steel Hose Clamp
28	76700027	1	2" MNPT x 2" Barb - 90

Plumbing Schematic (Rear View)



Plumbing Schematic (Rear View)



Fig.	Part no.	Qty	Description
1	767805252	1	3" MNPT x 3" Barb - Straight
2	76700131	2	3" Stainless Steel Hose Clamp
3	767805253	1	3" Flange x 3" Barb - Straight
4	76700317	1	3" EDPM Gasket
5	76700318	1	3" Worm Screw Clamp
6	76700316	1	3" Stubby Valve, 3" Manifold Flange x 3" Male Adapter
7	767800365	1	Ball Valves (4) - 464
8	7600373127	2	Machine Screw - Hex Head 1/4"-20 x 1" - Plt.. Gr.5
9	600366026	1	Stover Locknut Type C - 1/4" - UNC
10	76700128	4	1" - 1-1/4" Stainless Steel Hose Clamp
11	76700129	2	1-1/4" - 1-1/2" Stainless Steel Hose Clamp
12	76700320	1	3" Cap
13	76450064	1	Rubber Lanyard for Quickfill Cap

Plumbing Hose Routing (Front View)

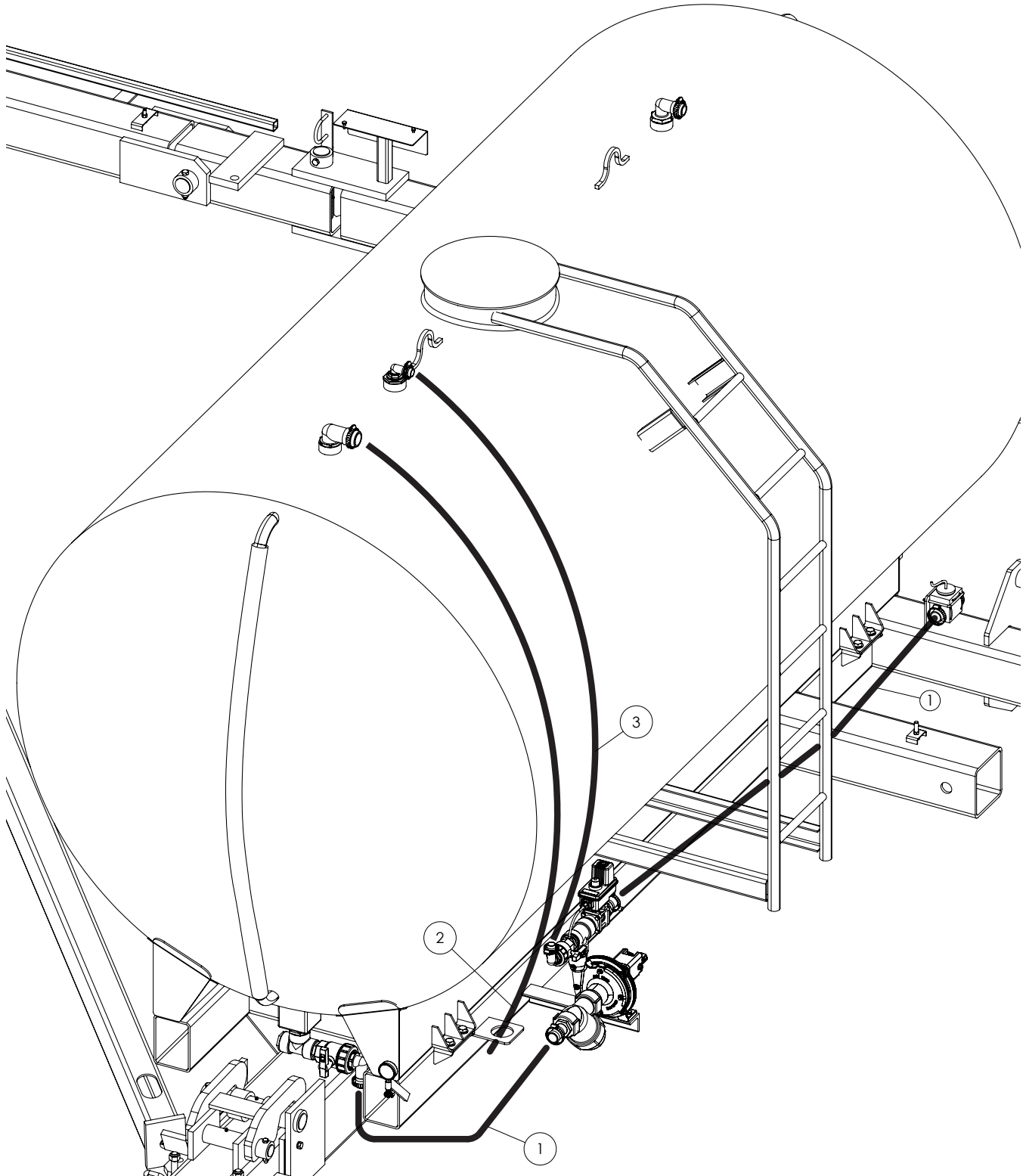


Fig.	Part no.	Qty	Description
1	767001241	2	1-1/2" EDPM Transfer Hoses
2	76700124	1	2" EDPM Transfer Hose
3	767001242	1	1" EDPM Transfer Hose
			* Cut Hoses to Length

Plumbing Hose Routing (Rear View)

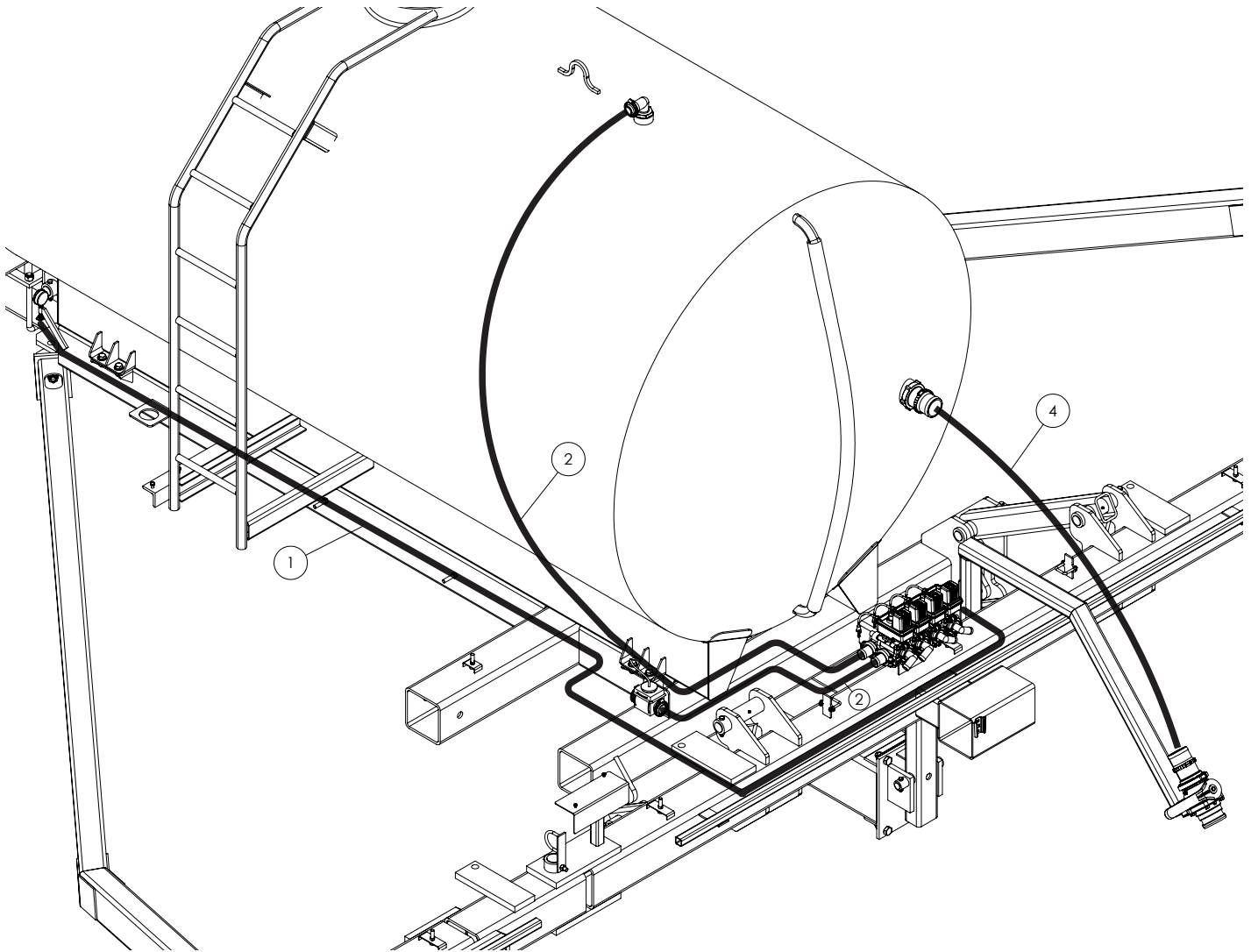
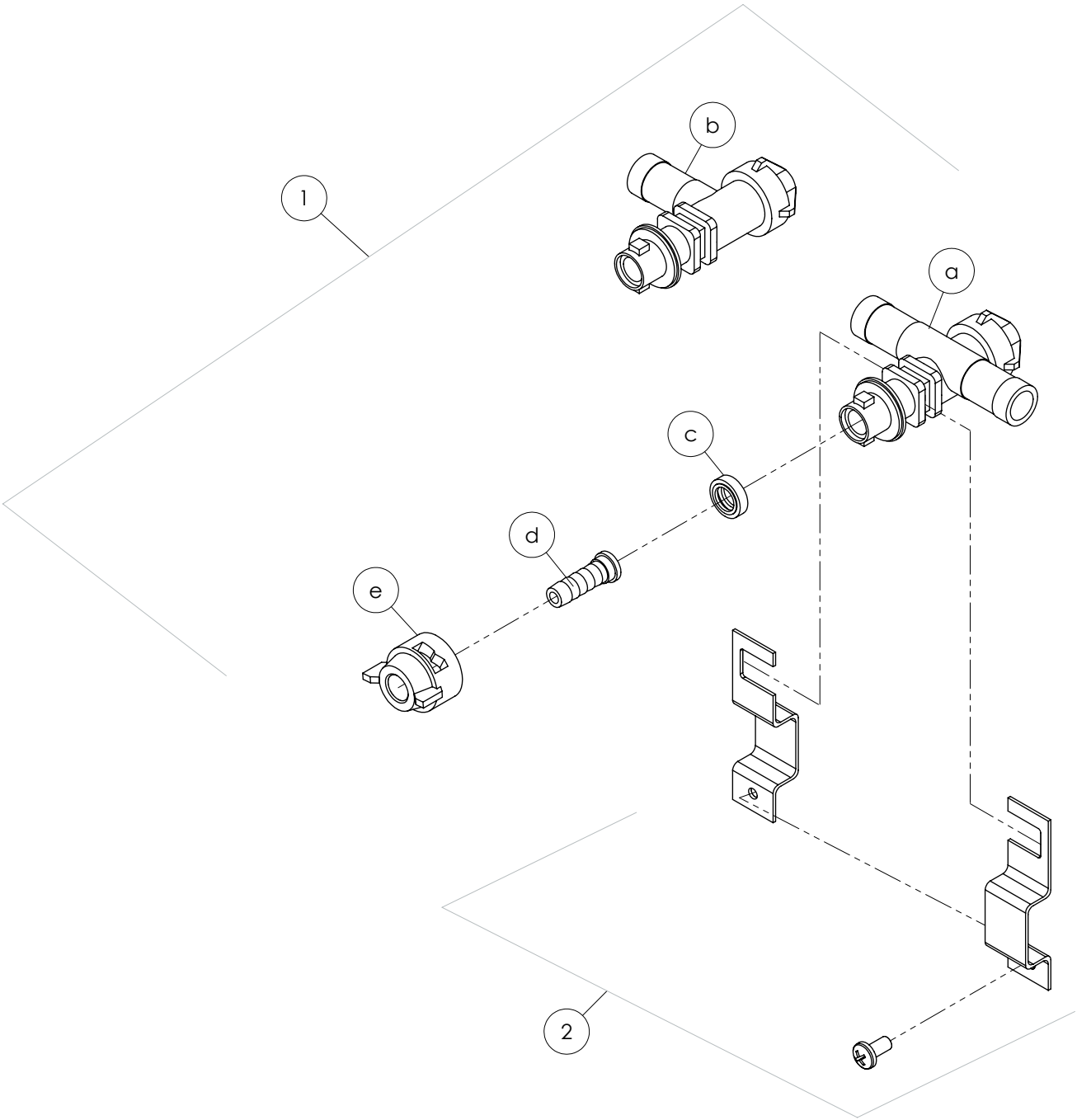


Fig.	Part no.	Qty	Description
1	76700122	1	3/8" EDPM Hose
2	767001241	2	1-1/2"" EDPM Transfer Hoses
3	76700125	1	3" EDPM Transfer Hose
			* Cut Hoses to Length

Nozzle Assembly

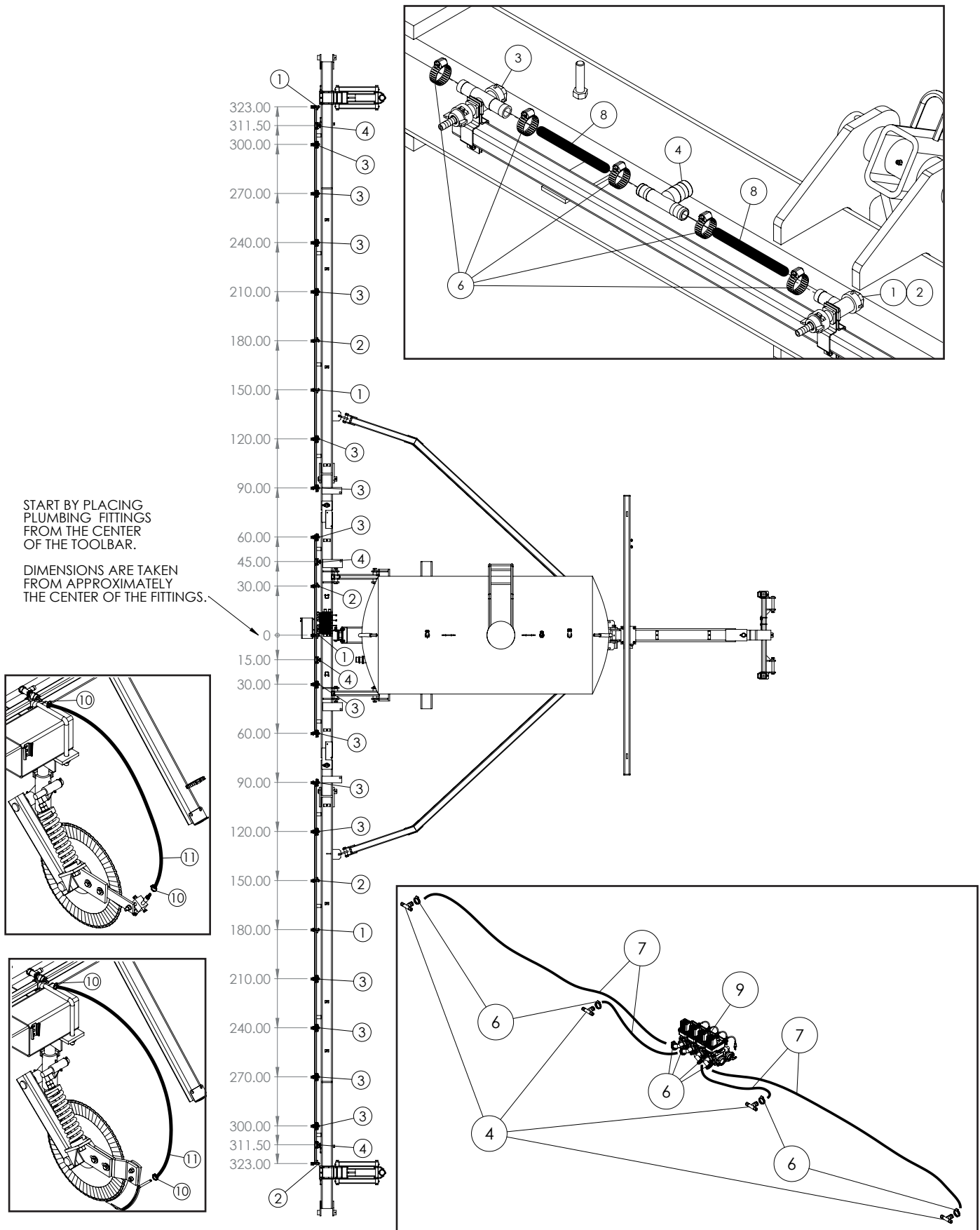


Nozzle Assembly



Fig.	Part no.	Qty	Description
1a	767002011	1	3/4" Diaphragm Nozzle Tee Assembly (Includes a,c-e)
1b	767001991	1	3/4" Diaphragm Nozzle Elbow Assembly (Includes b,c-e)
a	76700201	1	3/4" Diaphragm Nozzle Tee
b	76700199	1	3/4" Diaphragm Nozzle Elbow
c	76700305	1	Split Hose Barb O-Ring
d	76700302	1	1/4" Hose Barb for Nozzle Cap
e	76700303	1	Nozzle Cap - Blue
2	76700203SS	1	1-1/4" Stainless Steel Square Nozzle Clamp

Sub Boom Plumbing - (Fitting Placement - 60' - 30" Rows)

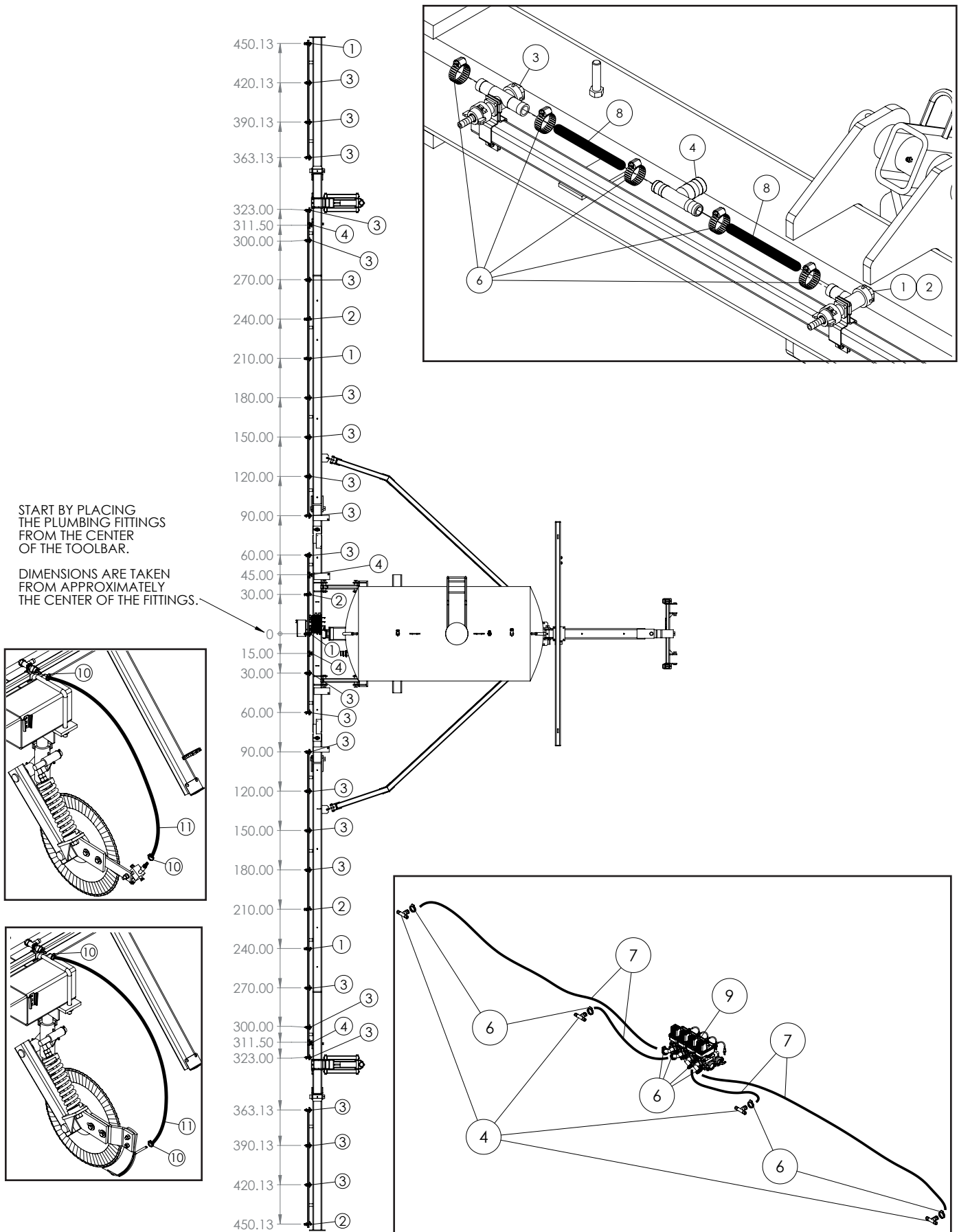


Sub Boom Plumbing (Fitting Placement - 60')



Fig.	Part no.	Qty	Description
1	767001991	4	3/4" Diaphragm Nozzle Right Elbow Assembly
2	767001991	4	3/4" Diaphragm Nozzle Left Elbow Assembly
3	767002011	15	3/4" Diaphragm Nozzle Tee Assembly
4	76700197	4	1" x 3/4" x 3/4" Barb Tee
5	76700127	46	3/4" - 1" Stainless Steel Hose Clamp
6	76700128	8	1" - 1-1/4" Stainless Steel Hose Clamp
7	76700119	4	1" EDPM Hoses
8	76700118	23	3/4" EDPM Hoses
9	767800365	1	Ball Valves (4) - 464
10	76700126	46	3/8" - 1/2" Stainless Steel Hose Clamp
11	76700122	23	3/8" EDPM Hoses
			*Cut hoses to length between fittings
			*Hoses should be cut longer where wings fold at Hinges

Sub Boom Plumbing - (Fitting Placement - 80' - 30" Rows)

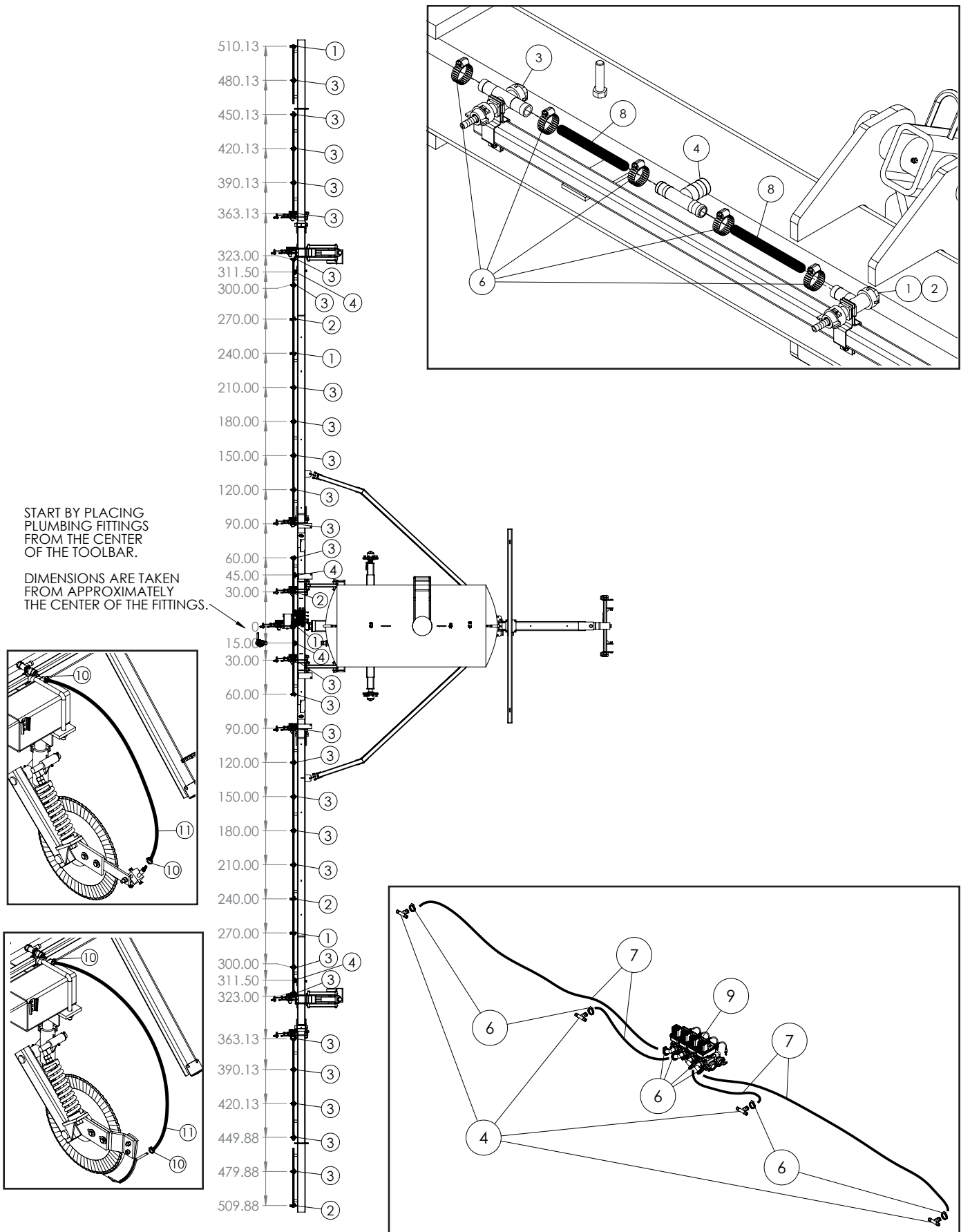


Sub Boom Plumbing (Fitting Placement - 80')



Fig.	Part no.	Qty	Description
1	767001991	4	3/4" Diaphragm Nozzle Right Elbow Assembly
2	767001991	4	3/4" Diaphragm Nozzle Left Elbow Assembly
3	767002011	23	3/4" Diaphragm Nozzle Tee Assembly
4	76700197	4	1" x 3/4" x 3/4" Barb Tee
5	76700127	62	3/4" - 1" Stainless Steel Hose Clamp
6	76700128	8	1" - 1-1/4" Stainless Steel Hose Clamp
7	76700119	4	1" EDPM Hoses
8	76700118	31	3/4" EDPM Hoses
9	767800365	1	Ball Valves (4) - 464
10	76700126	62	3/8" - 1/2" Stainless Steel Hose Clamps
11	76700122	31	3/8" EDPM Hoses
			*Cut hoses to length between fittings
			*Hoses should be cut longer where wings fold at Hinges

Sub Boom Plumbing - (Fitting Placement - 90' - 30" Rows)

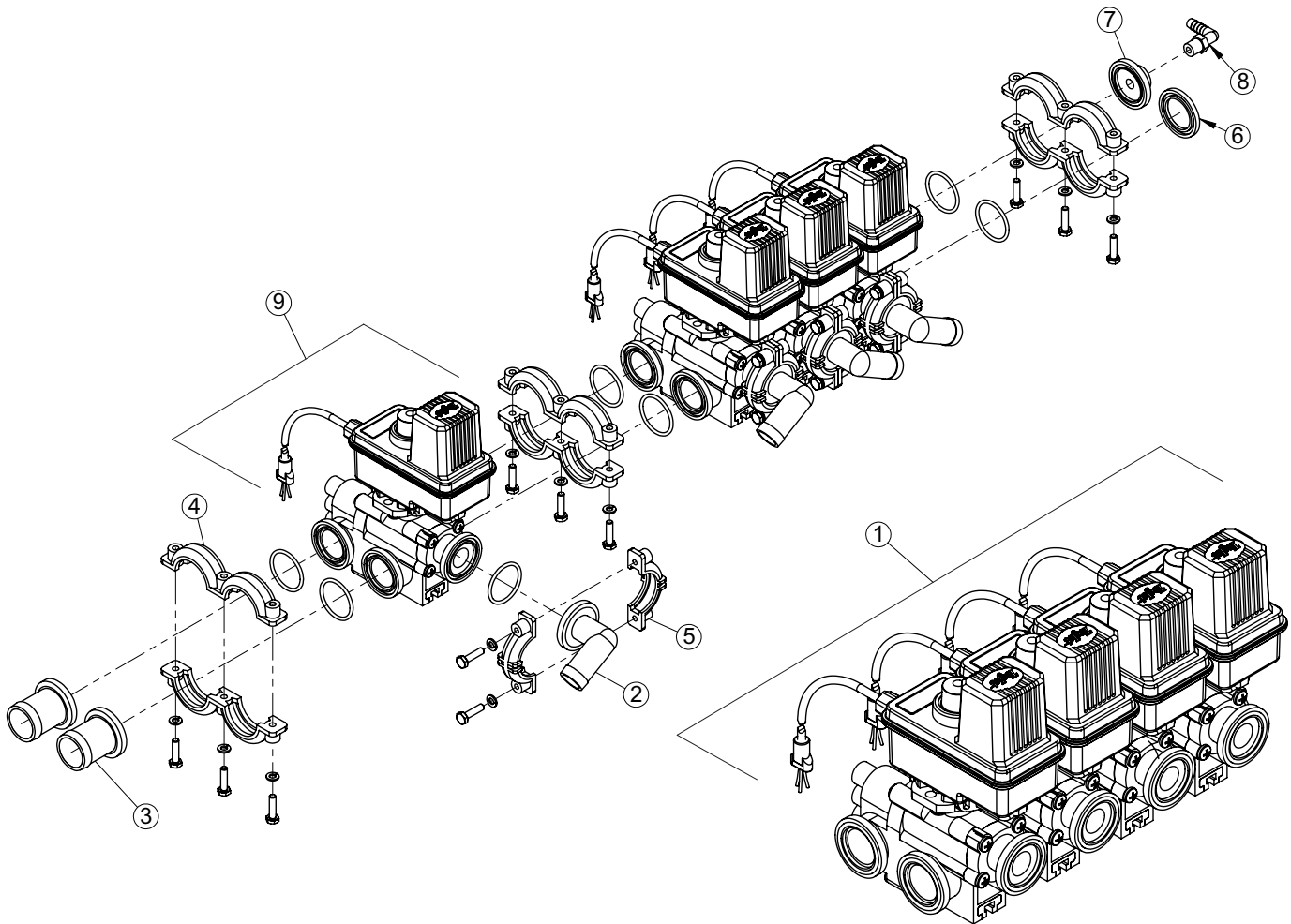


Sub Boom Plumbing (Fitting Placement - 90')



Fig.	Part no.	Qty	Description
1	767001991	4	3/4" Diaphragm Nozzle Right Elbow Assembly
2	767001991	4	3/4" Diaphragm Nozzle Left Elbow Assembly
3	767002011	27	3/4" Diaphragm Nozzle Tee Assembly
4	76700197	4	1" x 3/4" x 3/4" Barb Tee
5	76700127	70	3/4" - 1" Stainless Steel Hose Clamp
6	76700128	8	1" - 1-1/4" Stainless Steel Hose Clamp
7	76700119	4	1" EDPM Hoses
8	76700118	35	3/4" EDPM Hoses
9	767800365	1	Ball Valves (4) - 464
10	76700126	70	3/8" - 1/2" Stainless Steel Hose Clamps
11	76700122	35	3/8" EDPM Hoses
			*Cut hoses to length between fittings
			*Hoses should be cut longer where wings fold at Hinges

464 Ball Valve Assembly

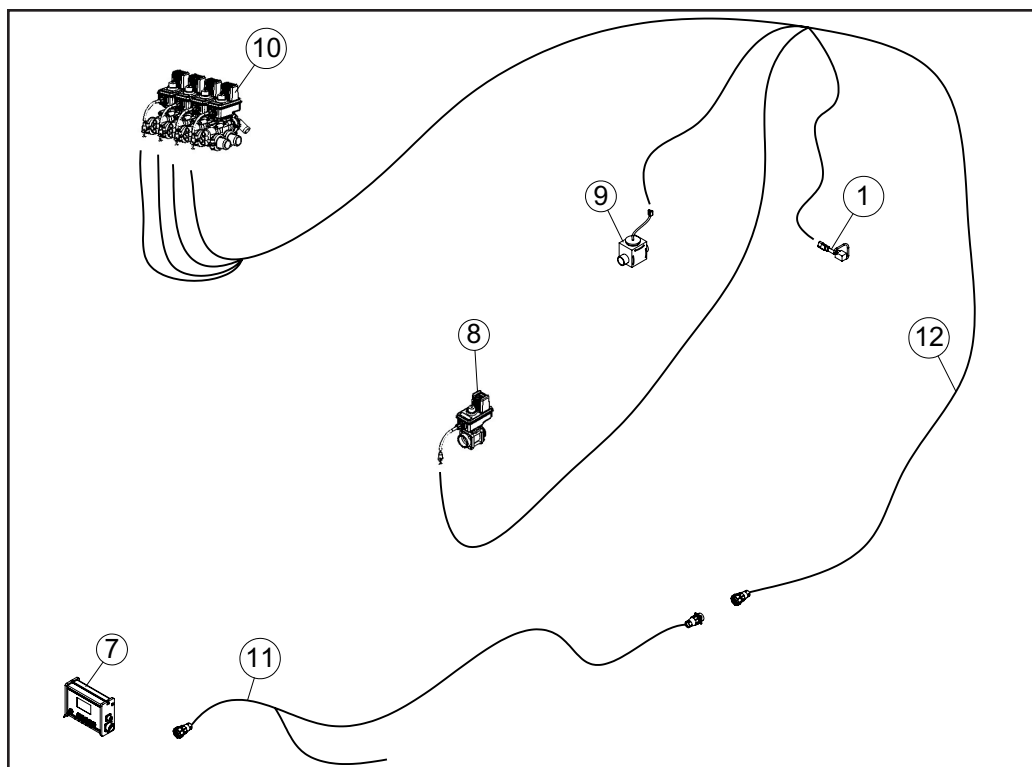
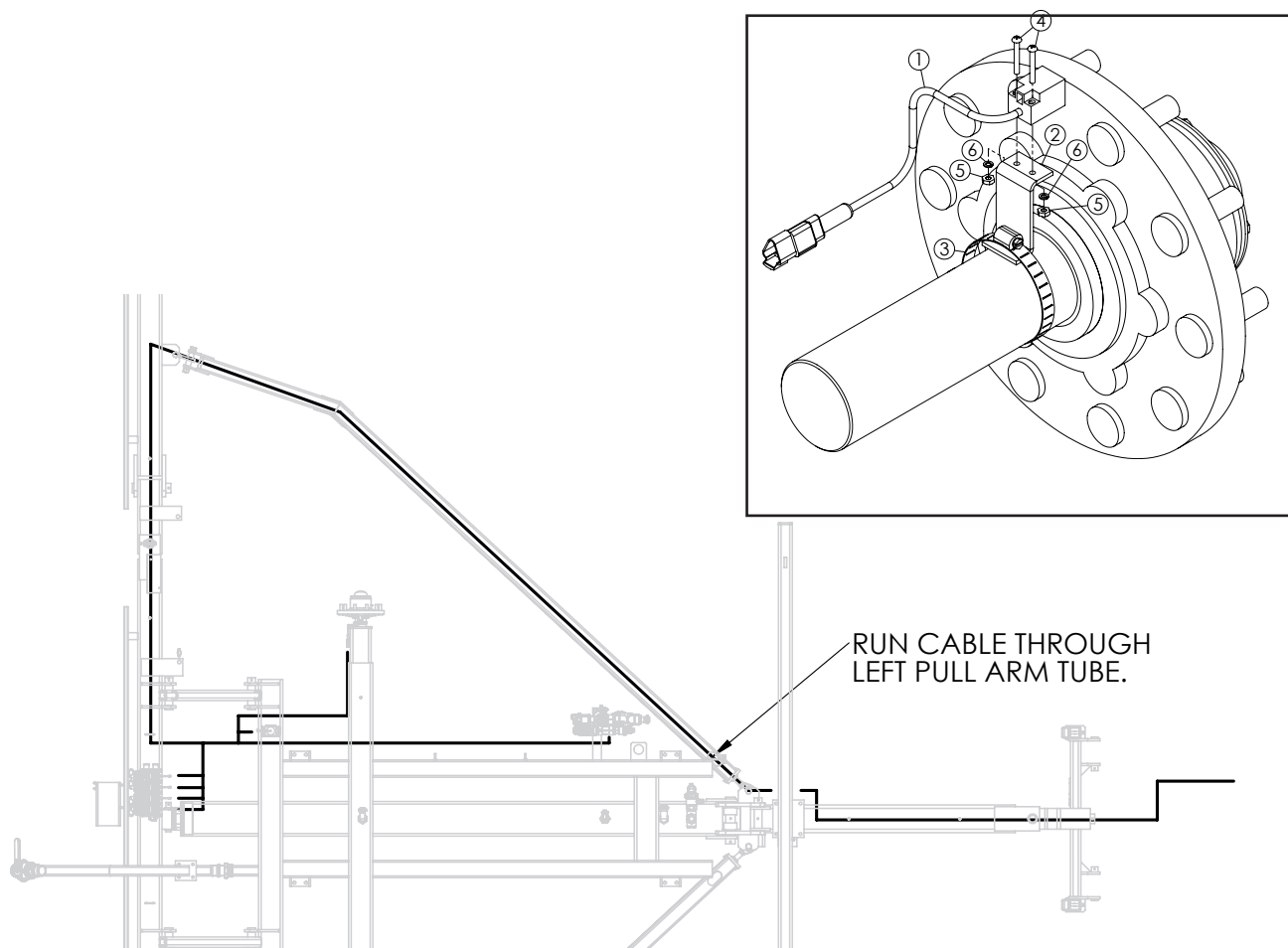


464 Ball Valve Assembly



Fig.	Part no.	Qty	Description
1	767800365	1	Ball Valves (4) - 464
2	767000221	4	1" Barb x 1" Flange - 90
3	767003181	2	1-1/2" Straight Hose Barb Flange
4	767003211	5	1" Double Plastic Flange Clamp and Oring
5	767003212	4	1" Single Flange Plastic Clamp and Oring
6	767003214	1	Blank Inlet Cover Flange
7	767003215	1	1/4" Gauge Port Flange
8	76700015A	1	1/4" NPT x 3/8" Barb - 90
9	767800363	1	Ball Valve - 461

Speed Sensor Assembly & Plumbing Wiring Diagram

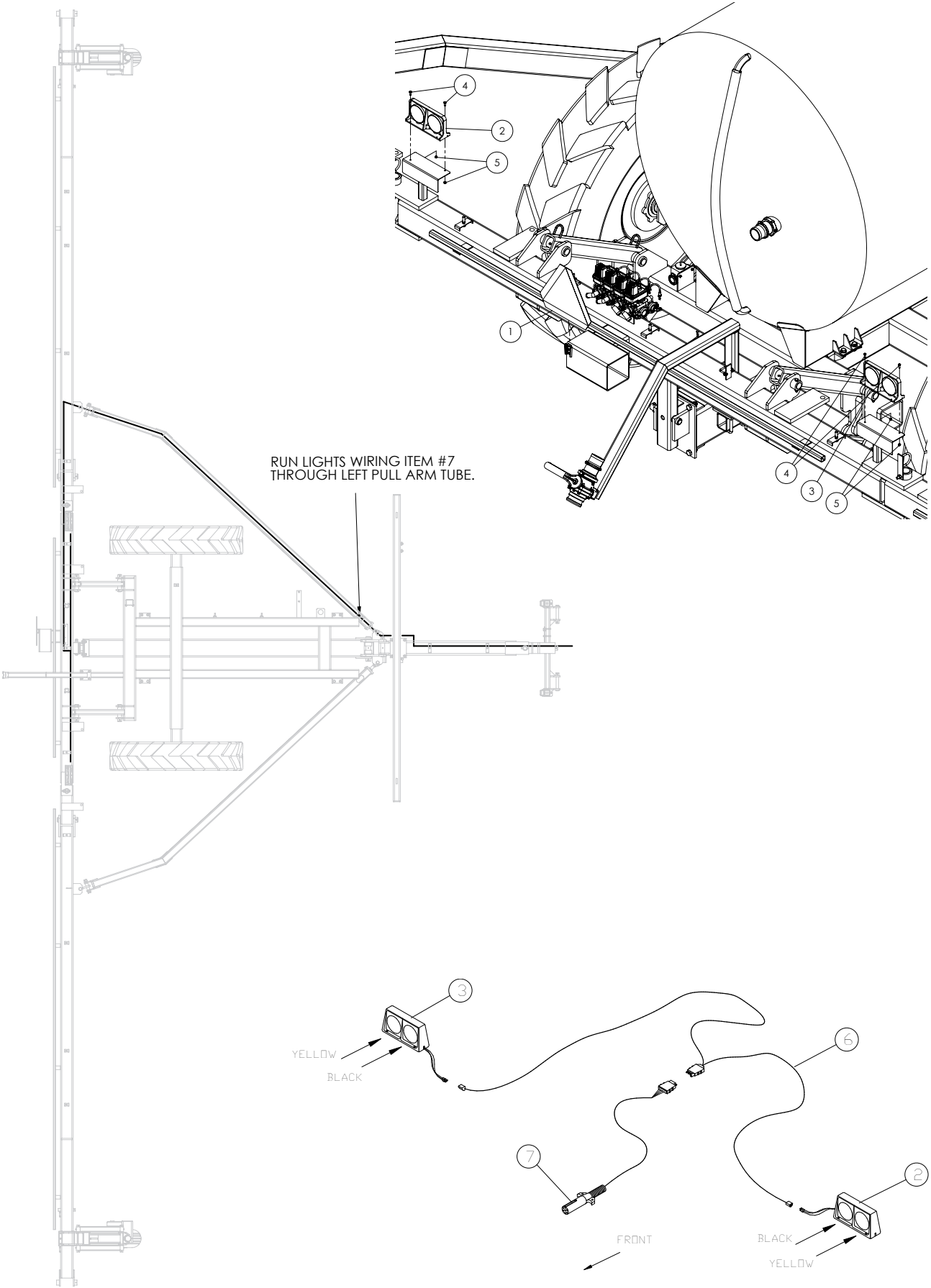


Speed Sensor Assembly & Plumbing Wiring Diagram



Fig.	Part no.	Qty	Description
1	76780034	1	Speed Sensor
2	764004632	1	Speed Sensor Mounting Bracket
3	76700131	1	3" Stainless Steel Hose Clamp
4	7600373130	2	Machine Screw #8 x 1-1/4" UNC. Plt.
5	600365021	2	#8 Machine Nut
6	7600382103	2	Lock Washer #8 - Plt.
7	76780033	1	844E Monitor (Console Only)
8	767800380	1	1-1/2" FNPT Pressure Regulating Ball Valve
9	767800372	1	Flow Meter 1-1/2"
10	767800365	1	Ball Valves (4) 464
11	767800039	1	15' Power Extension Cable
12	767800368	1	Main Cable
-	767800331	1	844E Monitor Manual (Not Shown)
-	767800332	1	844E Monitor Bracket (Not Shown)
-	767800367	1	844E Monitor Kit (Includes 7, 12, Manual, and Bracket)
			* Use Additional Instructions Included with Plumbing Components for Detailed Wiring Instructions.

Light Assembly & Wiring Diagram

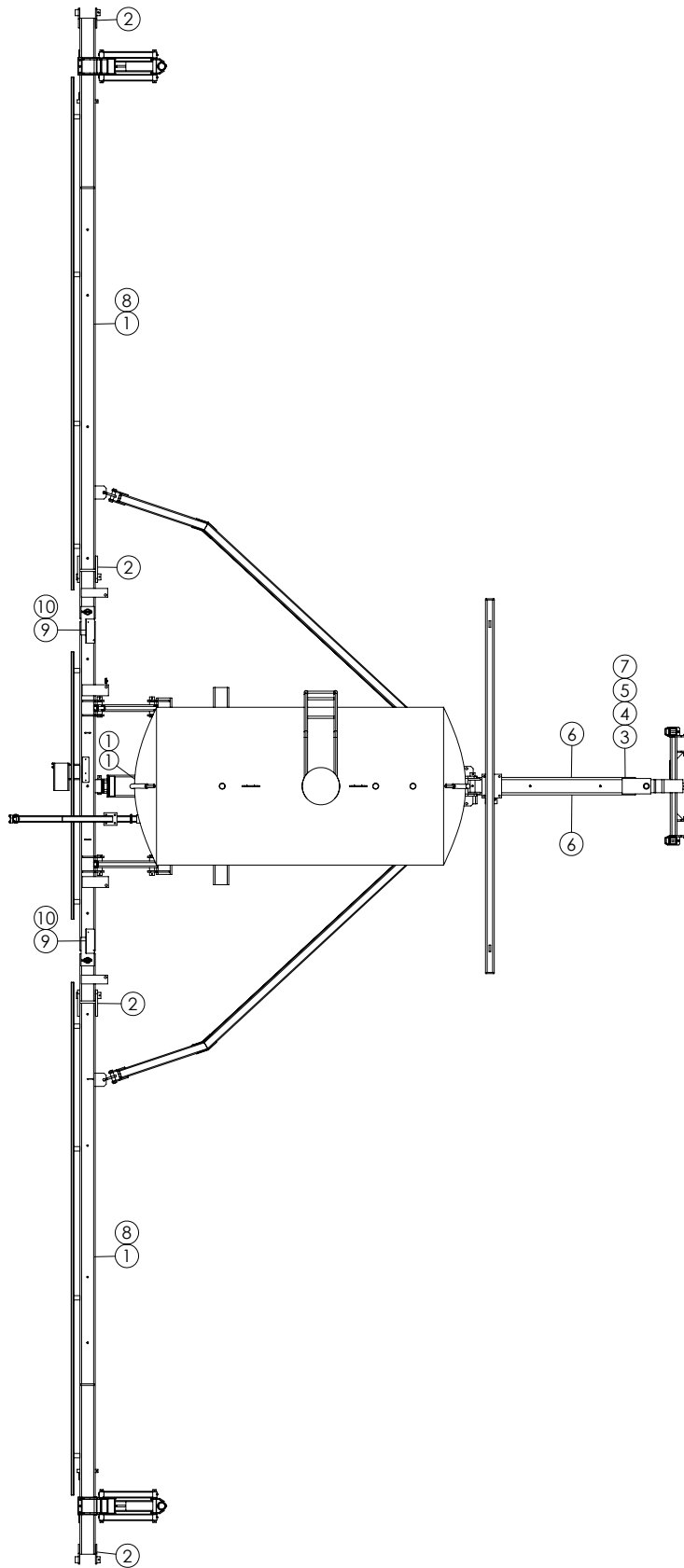


Light Assembly & Wiring Diagram



Fig.	Part no.	Qty	Description
1	601140845	1	Slow Moving Vehicle Sign Assembly
2	765000053	1	Left Light Unit
3	765000052	1	Right Light Unit
4	76101101	4	1/4"-20 x 3/4" Bolt - Plt. Gr 5.
5	600366026	4	Stover Locknut Type C - 1/4" - UNC
6	765000055	1	Y cable Harness Assembly (25')
7	76500018	1	7 Pole Plug and Harness Assembly (25')
-	767500501	1	2600 Light Kit (Includes Items 2-7)

Decal Placement



Decal Placement



Fig.	Part no.	Qty	Description
1	76900800	3	Progressive (Rear Center of Tank, Front Center of Inner Wing Tubes)
2	76900801	4	Wing Fold Cylinder (Front Hinge Plates of Inner Wings)
3	76900802	1	Operator's Manual (Front Left of Outer Hitch Tube)
4	76900803	1	Towing (Front Left of Outer Hitch Tube)
5	76900804	2	Transport Lock (Front Left of Outer Hitch Tube)
6	769008280	2	Progressive 2600 (Middle Left and Right of Outer Hitch Tube)
7	600475062	1	Serial Number Plate (Front Left of Outer Hitch Tube)
8	600475090	3	Kongskilde Address 5" x 7" (Rear Center of Tank, Front Center of Inner Wing Tubes)
9	600475178	2	Red-Orange Fluorescent Strip 2" x 9" (Top Rear of Light Mounting Brackets)
10	600475179	2	Red Reflective Strip 2" x 9" (Bottom Rear of Light Mounting Brackets)

Notes: _____



WARRANTY

Kongsilde Limited and / or Kongsilde Incorporated, hereinafter referred to as Kongsilde, as manufacturer, warrants to the original retail purchaser of its products, that the products are constructed free from manufacturing defects. This warranty covers all Kongsilde group products including the brand names; Kongsilde, Overum, Howard and Progressive.

The Kongsilde obligation under this warranty is expressly limited, at their option, to the replacement or repair of such parts, as inspection shall disclose to have been defective, within 365 days from the date of delivery. Repair or replacement of defective part(s), to be made at an authorized Kongsilde dealer location, transportation charges prepaid by the end user.

No warranty of any kind is made by Kongsilde with regard to products which have been subject to normal wear, misuse, abuse, negligence or accident, or have been altered or repaired in any manner not authorized by Kongsilde or if repairs have been made with parts other than those obtainable from Kongsilde.

This warranty is subject to any conditions of supply, which may directly affect our ability to obtain materials or manufacture replacement parts.

Kongsilde reserves the right to make improvements in design or change in specifications at any time, without incurring any obligations to owners of units previously sold.

This warranty shall not be interpreted to render us liable for injury or damages of any kind of nature, direct, consequential, or contingent to person or property.

This warranty does not extend to loss of crops, loss because of delay or any expense of loss incurred for labor, supplies, substitute machinery, rental, or for any other reason.

Any defects in components purchased by Kongsilde as complete units for installation in or with Kongsilde equipment, will only be covered to the extent that the original manufacturer warrants them to Kongsilde, e.g.. Hydraulic cylinders, bearings, tires, etc.

Kongsilde makes no other express warranty, nor is anyone authorized to make any on behalf of Kongsilde.

THIS WARRANTY IS EFFECTIVE ONLY WHEN THE "WARRANTY REGISTRATION FORM" HAS BEEN COMPLETED AND RETURNED WITHIN 20 DAYS FROM THE TIME OF SALE TO THE ORIGINAL RETAIL PURCHASER.

KONGSKILDE INDUSTRIES INC.
19500 N 1425 EAST ROAD
HUDSON, IL 61748
Tel: 866-214-5664 / Fax: 866-264-5664



OWNER REGISTRATION & WARRANTY FORM

Covering Kongskilde, Overum, Howard and Progressive Products.

To initiate warranty coverage, this form must be filled out and signed by both Dealer and Owner at time of delivery and returned to:

KONGSKILDE INDUSTRIES INC.
19500 N 1425 EAST ROAD
HUDSON, IL 61748
Tel: 866-214-5664 / Fax: 866-264-5664

**FAILURE TO COMPLETE AND FILE THIS REPORT OR
ANY FALSE INFORMATION WILL INVALIDATE THE WARRANTY.**

ITEM:.....	DELIVERY DATE:.....
MODEL #:.....	SERIAL #:.....
DEALER:.....	OWNER:.....
ADDRESS:.....	ADDRESS:.....
CITY:.....	CITY:.....
PROV/STATE:.....	PROV/STATE:.....
ZIP/P. CODE:.....	ZIP/P. CODE:.....
PHONE NUMBER:.....	PHONE NUMBER:.....

Dealer's Statement:

I have conducted a pre-delivery inspection and have thoroughly instructed the customer on the equipment described above. I have reviewed the owner's manual content including; proper equipment care, adjustments, safe operating practices and the attached warranty policy. I confirm that this equipment was assembled properly as directed by the manufacturer and that the safety equipment and decals provided have been installed and the unit is ready for delivery.

Dealer's Signature:..... Date:.....

Owner's Statement:

The above equipment appears to be set up properly and in good condition. I have been thoroughly instructed as to the proper care, adjustments and safe operating practices and use of the safety devices provided for this equipment. I have reviewed and received my copy of the owner's manual and warranty policy. I agree to accept delivery and responsibility for the safe operation, care and maintenance of this equipment in accordance with the local regulations and the warranty policy.

Owner's Signature:..... Date:.....

ORIGINAL COPY TO KONGSKILDE, HUDSON
2nd COPY TO DEALER
3rd COPY TO CUSTOMER