



ASSEMBLY AND PARTS LIST MANUAL



FRAME MOUNT AUGER MOVER

www.meridianmfg.com

DECLARATION OF CONFORMITY

We the Manufacturer:

Meridian Manufacturing Inc.
PO Box 1996 2800 Pasqua Street North
Regina, Sk, Canada
S4P 3E1

Declare the Movers listed below conform to the 2006/42/EC Machinery
Directive

Frame Mount Mover Series

WFN 992-997

The Meridian Mover Frame Mount
is designed for the movement of Grain and Cereal Augers.

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MERIDIAN GRAIN EQUIPMENT SIGN OFF SHEET

As a requirement of OSHA, it is necessary for the employer to train the employee in the safe operation and safety procedures with this equipment. We include this sign-off sheet for your convenience and personal record keeping.

[illegible]

WHEEL DRIVE ASSEMBLY

Jack up auger. Support with a jack stand or other suitable blocking device. Remove one of the wheel assemblies.

Place tire and rim assembly on a level surface. Place the wheel drive gear (1A) on the inside of the auger rim with the gear facing up as shown. (Figure 1.1)

Using a 3/8" - 12 point socket, start to tighten the six set screws in a cross pattern (Figure 1.2), ensuring the wheel gear remains centered in the rim. Torque set screw to approximately 12 ft lbs.

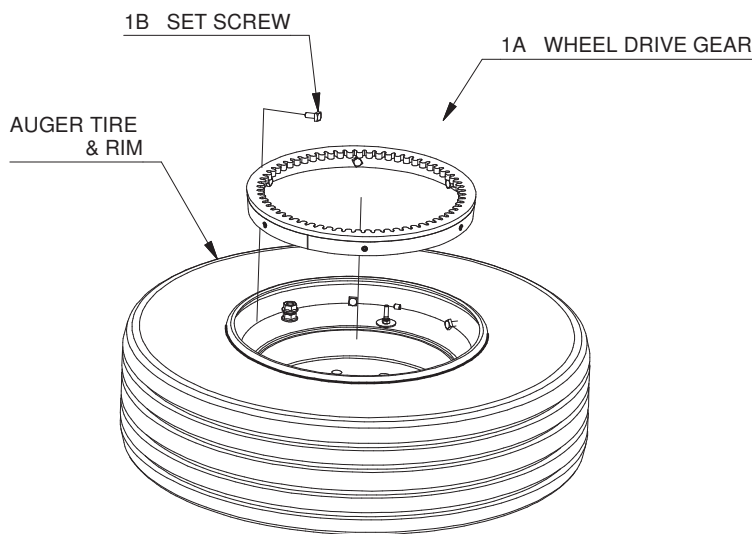


FIGURE 1.1
WHEEL GEAR INSTALLATION

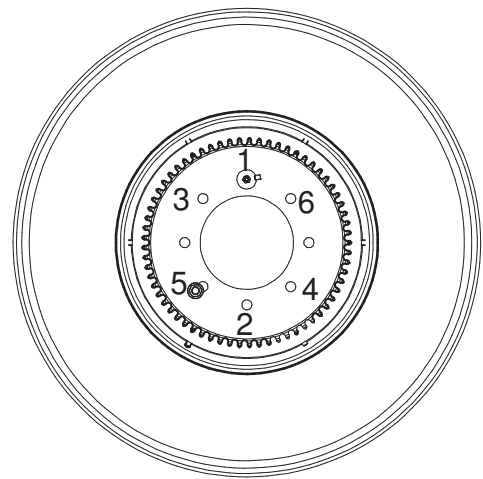


FIGURE 1.2
TORQUE ORDER

Replace the auger wheel and rim assembly complete with the wheel drive gear and tighten lug nuts. Place the over center hydraulic drive assembly on the auger axle. Align the gears from the wheel gear with the drive gear

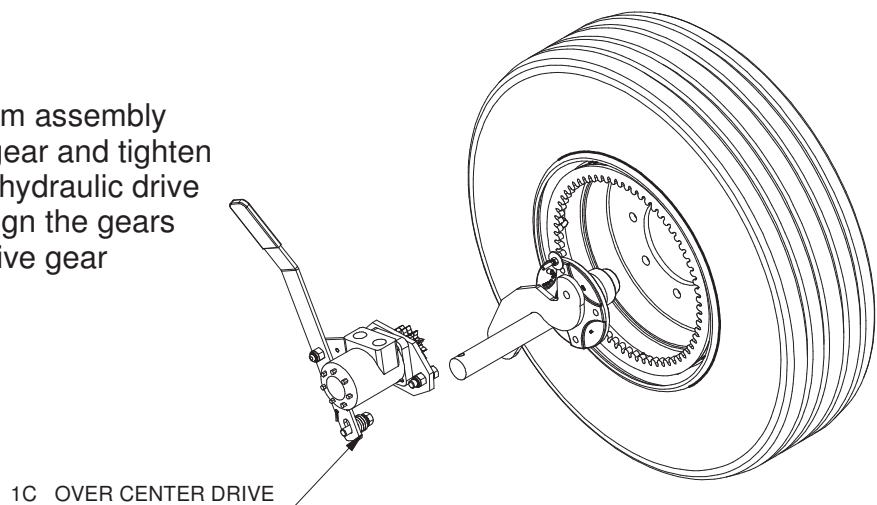


FIGURE 1.3
WHEEL DRIVE

ASSEMBLY

Make sure that there is sufficient gear engagement between the drive gear and the wheel gear and that they are parallel with each other and 90° to the auger axle. The drive gear is 3/8" wider than the wheel gear. When installing, the drive gear surface should offset from the wheel gear by 3/16" on each side. Tack weld over center bracket.

Double check gear alignment and gear engagement and weld over center bracket to auger axle.

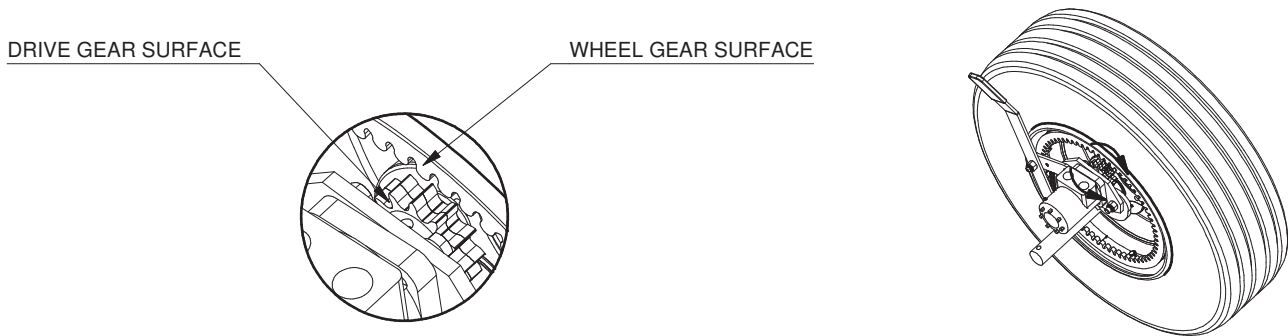
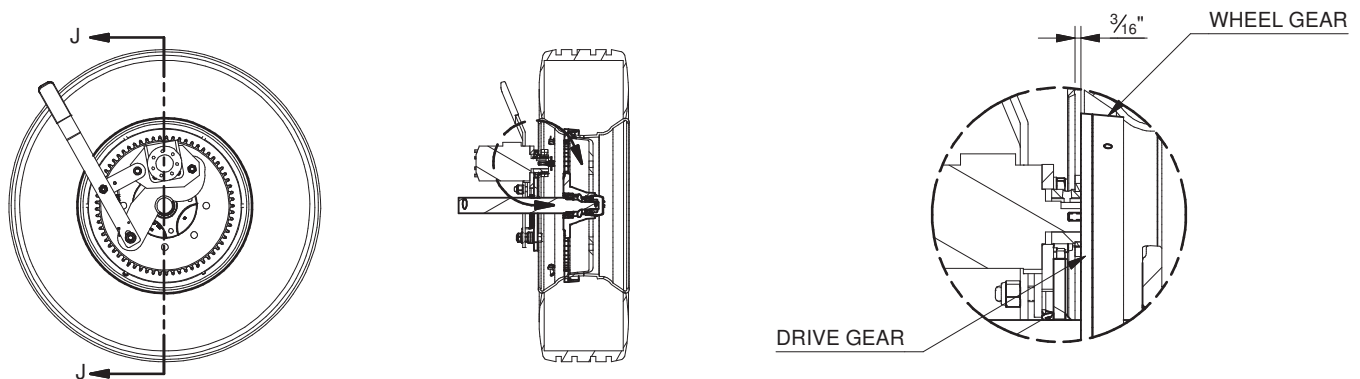


FIGURE 1.4
WHEEL DRIVE

FIGURE 1.5
WHEEL GEAR TO DRIVE GEAR ENGAGEMENT



Once welding is complete, recheck gear engagement. If more engagement is required, the outer 1/2" flange nut can be loosened at the bottom of the handle. The 1" slot in the bottom of the handle will allow the handle to be lifted up which will mesh the drive gear deeper into the wheel gear.

Retighten hardware by holding the pivot bolt secure with a wrench. Tighten the inner 1/2" flange nut against the three stacked washers and then back off 1/2" turn to allow free play of pivot bolt in the over center bracket. Tighten the outer 1/2" flange nut against the handle. Check to ensure the pivot bolt pivots freely in the over center bracket

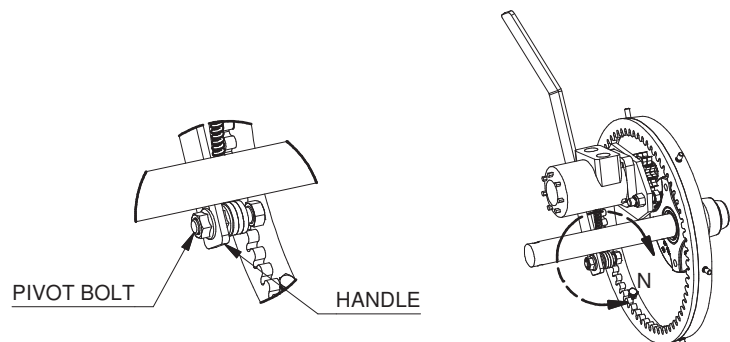
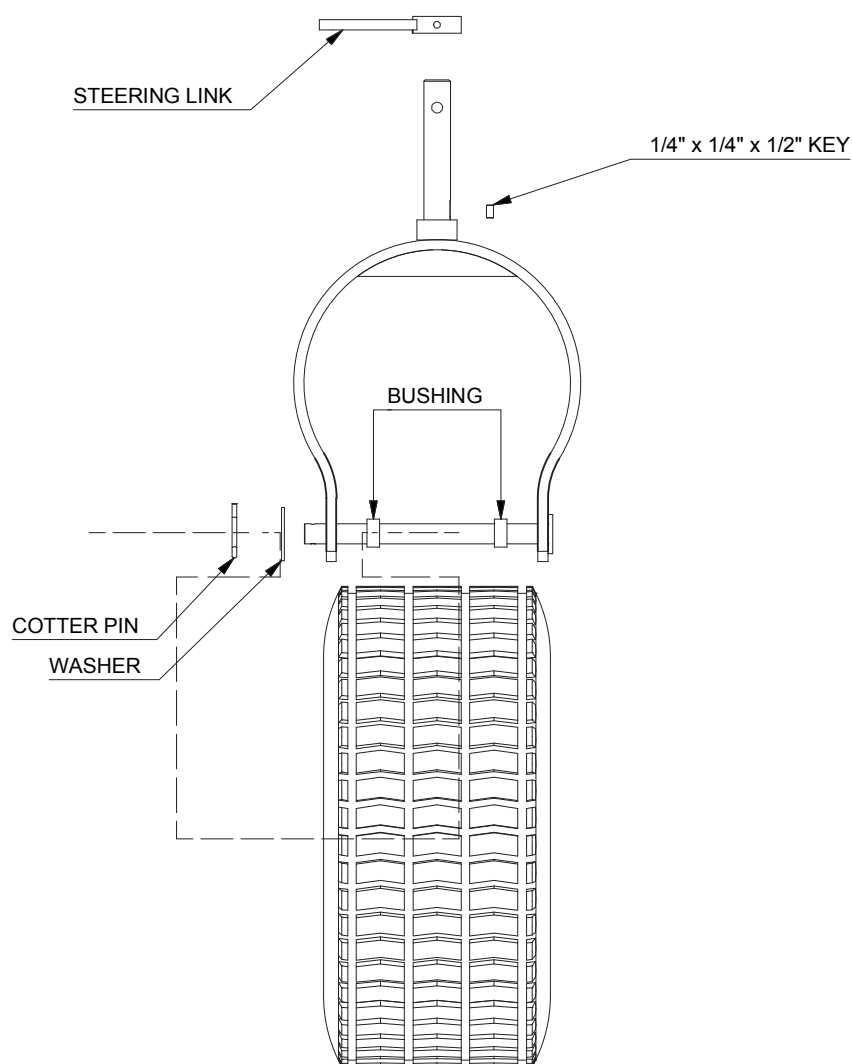


FIGURE 1.6

WHEEL & YOKE ASSEMBLY

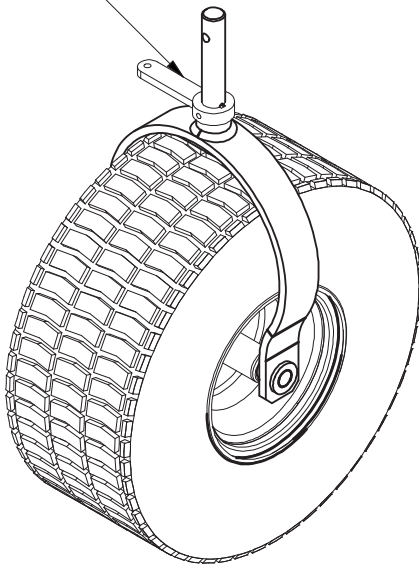


On the straight yoke, install the 1/4" x 1/4" x 1/2" key and the steering link. Install the tire and rim into the yoke. Place one bushing between one side of the wheel rim and the yoke arm. Install the axle pin so that it goes through the first half of the wheel and just starts into the second half wheel bearing. Install the second bushing between the opposite side of the wheel and yoke and push pin the rest of the way through. Install the washer and cotter pin. **Note: The caster yokes do not use the steering links or keys.**

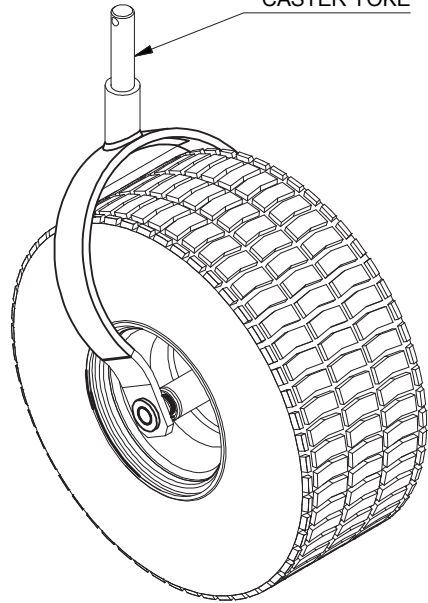
ASSEMBLY

When complete, you will have two straight yoke/wheel assemblies with steering links and two caster yoke/wheel assemblies without steering links.

STRAIGHT YOKE
WITH STEERING LINK

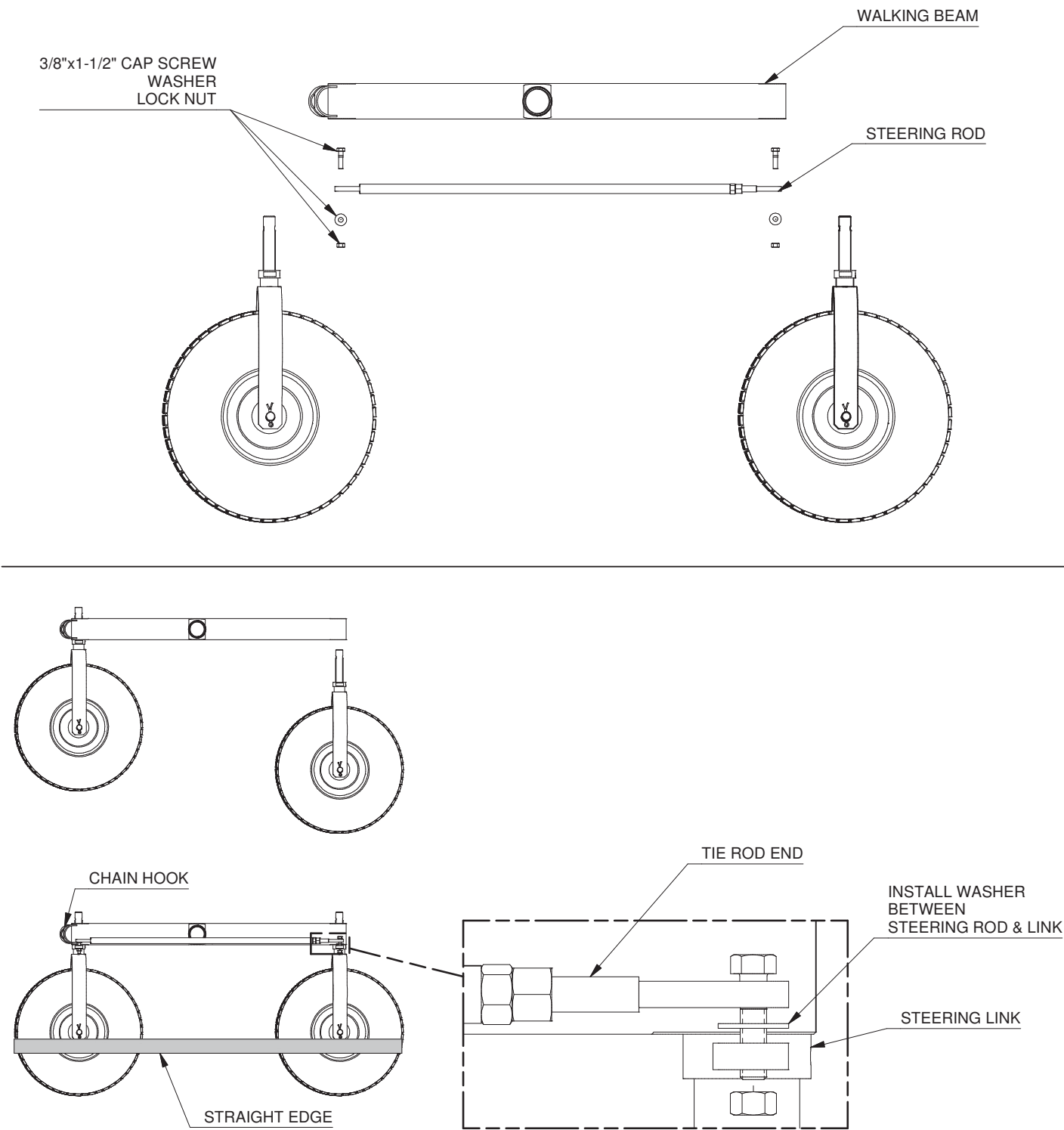


CASTER YOKE



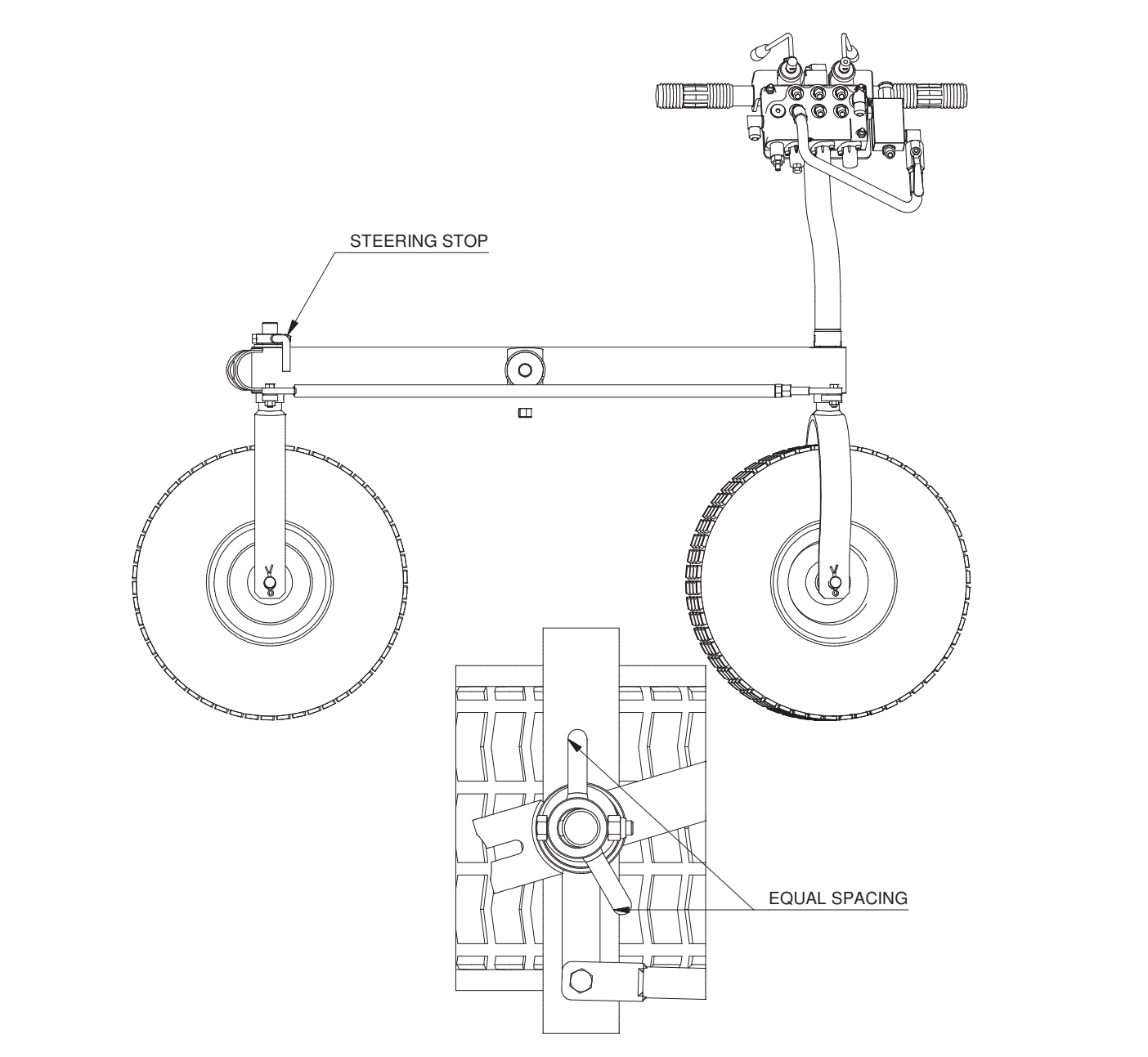
WALKING BEAM ASSEMBLY

Walking Beam Assembly (Left Hand)



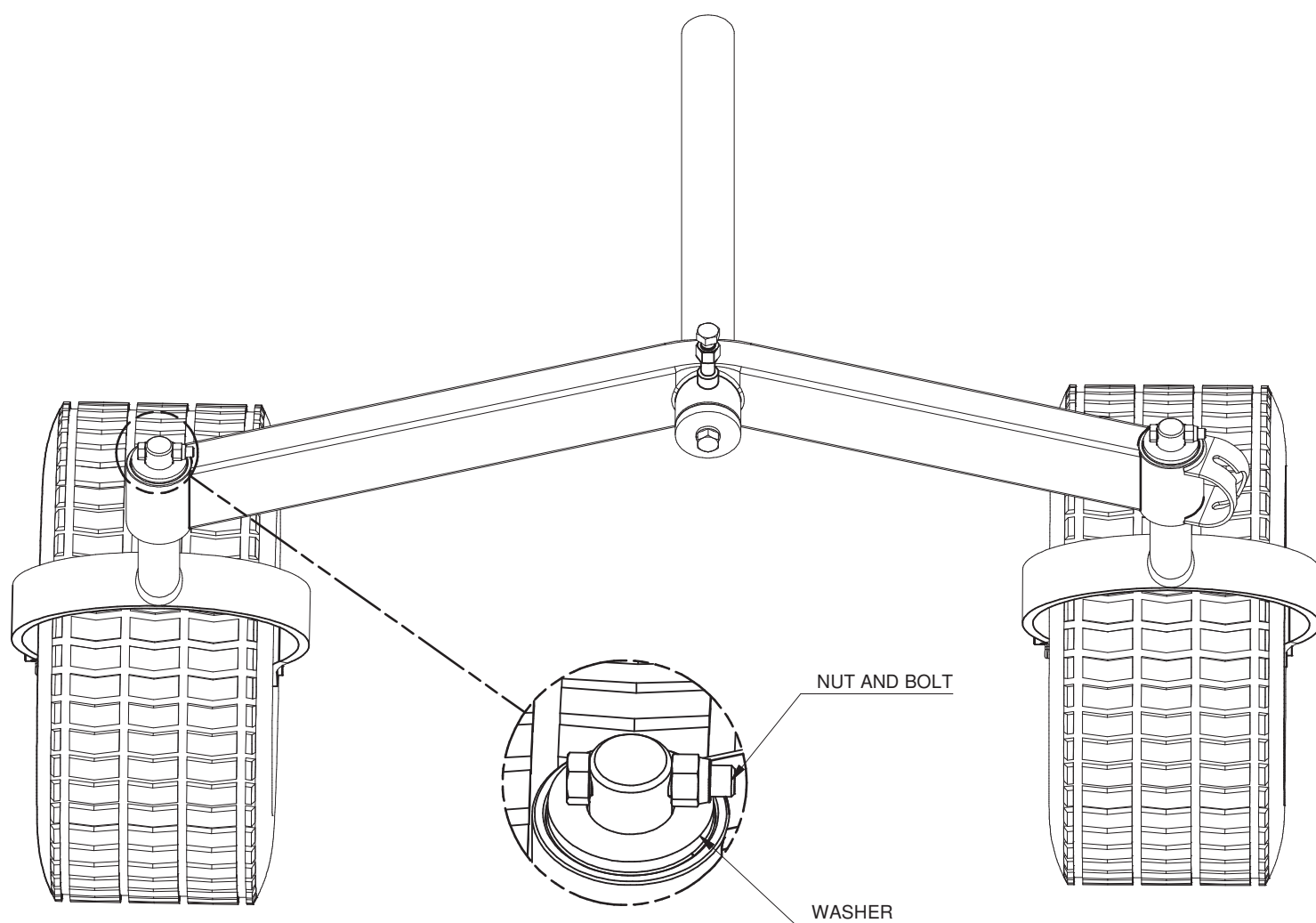
ASSEMBLY

Note: When tightening the lock nuts under the steering link, be sure to hold the cap screw secure to prevent it from moving from the 3/4 turn adjustment otherwise the steering may become tight.



Walking Beam Assembly (Right Hand)

The Right Hand walking beam is assembled using two caster yoke wheel assemblies. The caster yokes are both secured with through bolts. After inserting each caster yoke, it is imperative to **securely tighten** the nut and bolt



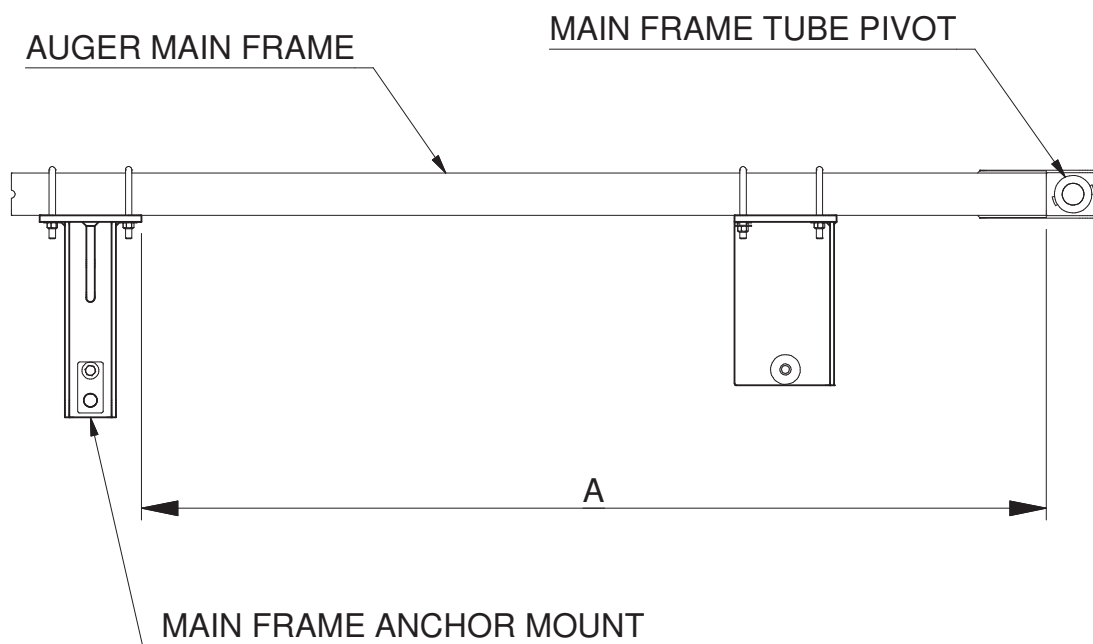
LIFT ASSEMBLY

Anchor

In order to attain proper lift frame placement, please refer to the Anchor Placement Chart.

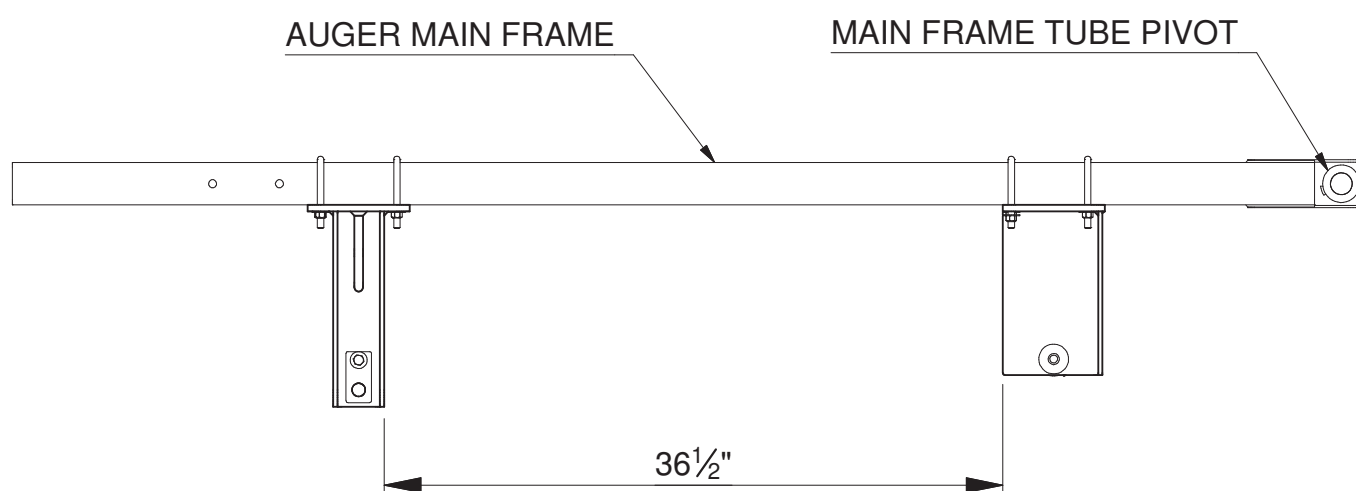
Anchor Placement Chart	
Auger Length	Dimension A
33'	56-1/2"
39'	70"
46'	73"
53'	69-1/4"
59'	91-1/2"

Measure the required distance for your auger length and mark the frame accordingly. Position the anchor at the locating mark and secure it with 2-1/2" or 3" U-bolts depending on frame size. Two 3/8" flat washers are to be used with each lock nut to retain the U-bolts.



Cylinder Base

Install the Cylinder Base onto the auger frame approximately 34-1/2" from the Anchor as shown. Use the appropriate U-bolts and hardware. **Do not tighten** the U-bolt hardware at this time.

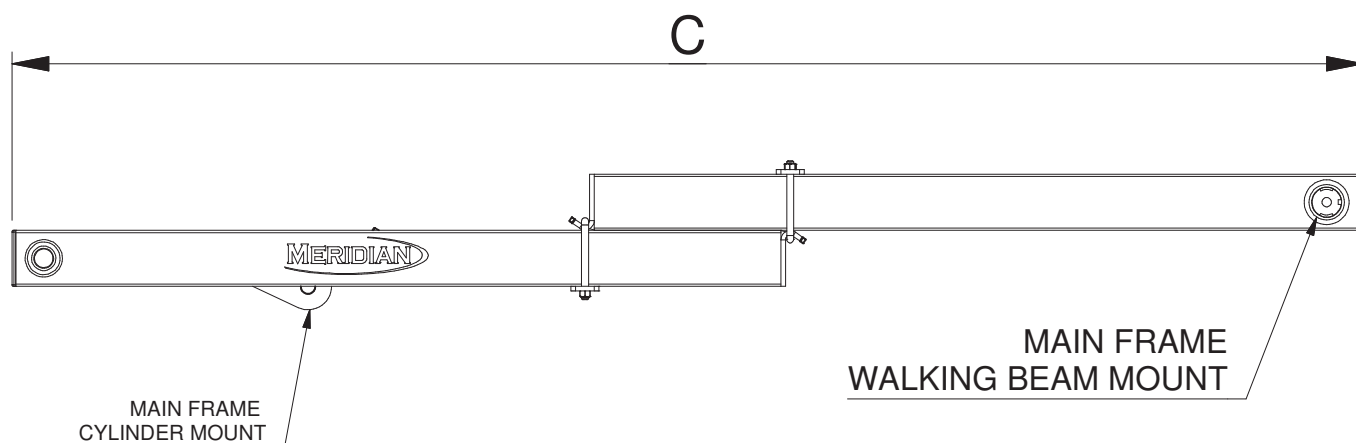


Cylinder Mount & Walking Beam Mount

In order to attain proper Lift Frame Length, refer to the Lift Frame Adjustment Chart.

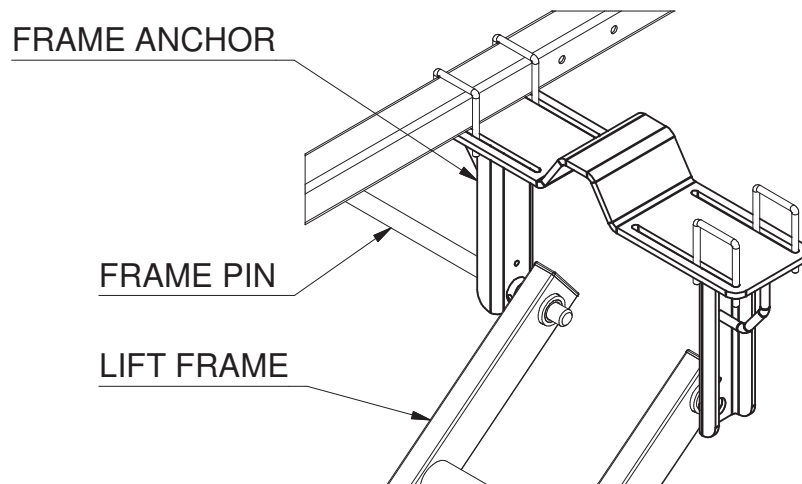
Lift Frame Adjustment Chart	
Auger Length	Dimension C
33'	57"
39'	60"
46'	60"
53'	73-1/4"
59'	73-1/4"

Assemble the Cylinder Mount and Walking Beam Mount as shown below using the 1-1/2" U-bolts, end plates and lock nuts. Adjust the frames to the required length and securely tighten all hardware.

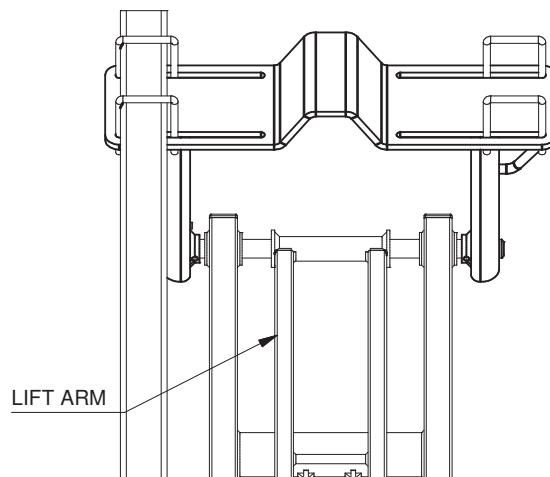


ASSEMBLY

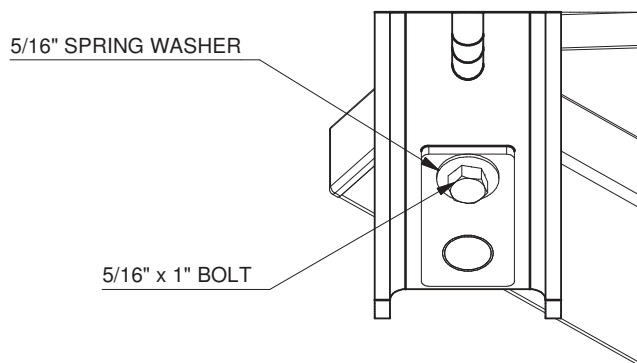
Raise the Lift Frame to the Frame Anchor and insert the frame pin through the first half of both frames.



Install the Lift Arm between the Lift Frame and slide the Frame Pin all the way through.

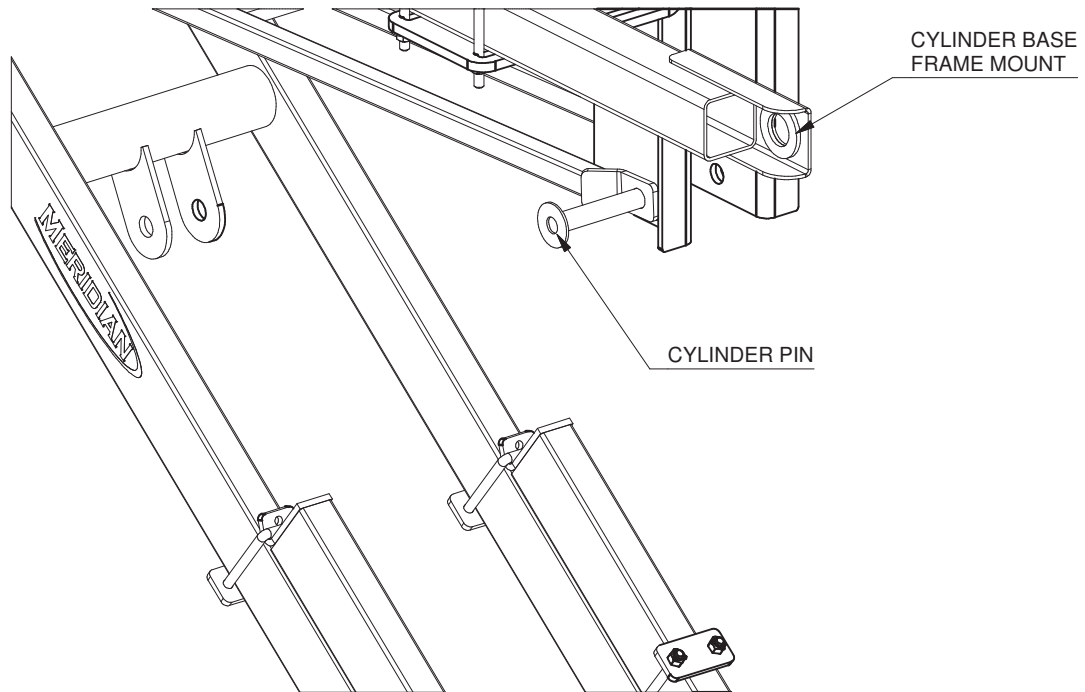


Secure Frame Pin with 5/16 X 1 - NC bolt and 5/16 spring washer.

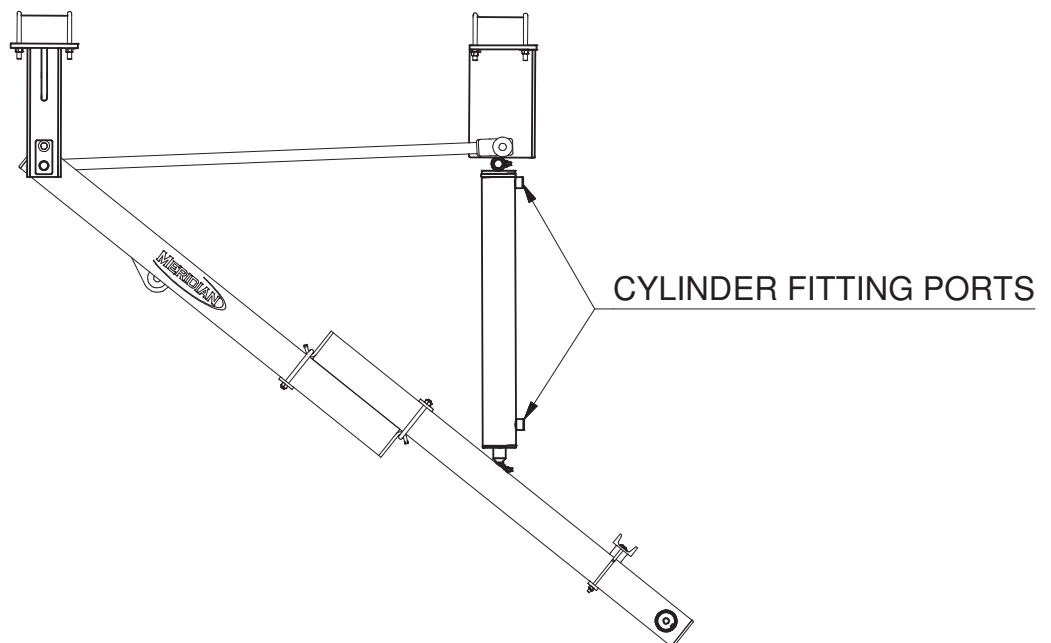


ASSEMBLY

Raise open end of Lift Arm and align with Cylinder Base. The Cylinder Base may need to be repositioned slightly in order to align holes. Start the 3/4" X 5" cylinder pin into the first two holes of Lift Arm and Cylinder Base.

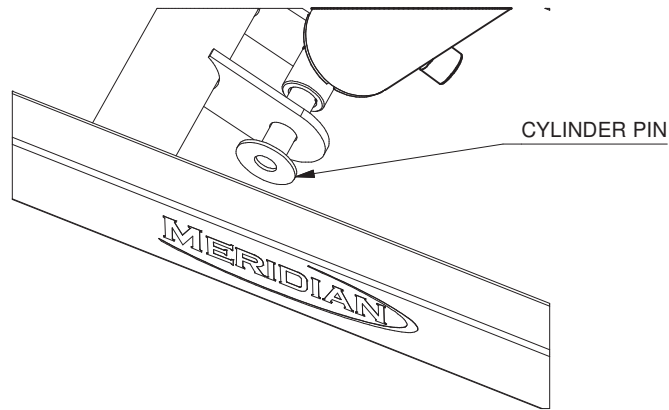


Install base end of the hydraulic cylinder into the Cylinder Base. Note the position of the hydraulic cylinder fitting ports. Push the 3/4" X 5" cylinder pin through the cylinder pin boss and the other side of the Cylinder Base. Install the 3/4" SAE washer and 3/16" X 1-1/2" cotter pin to retain the cylinder pin. securely tighten all the U-bolts and lock nuts on the Cylinder Base.



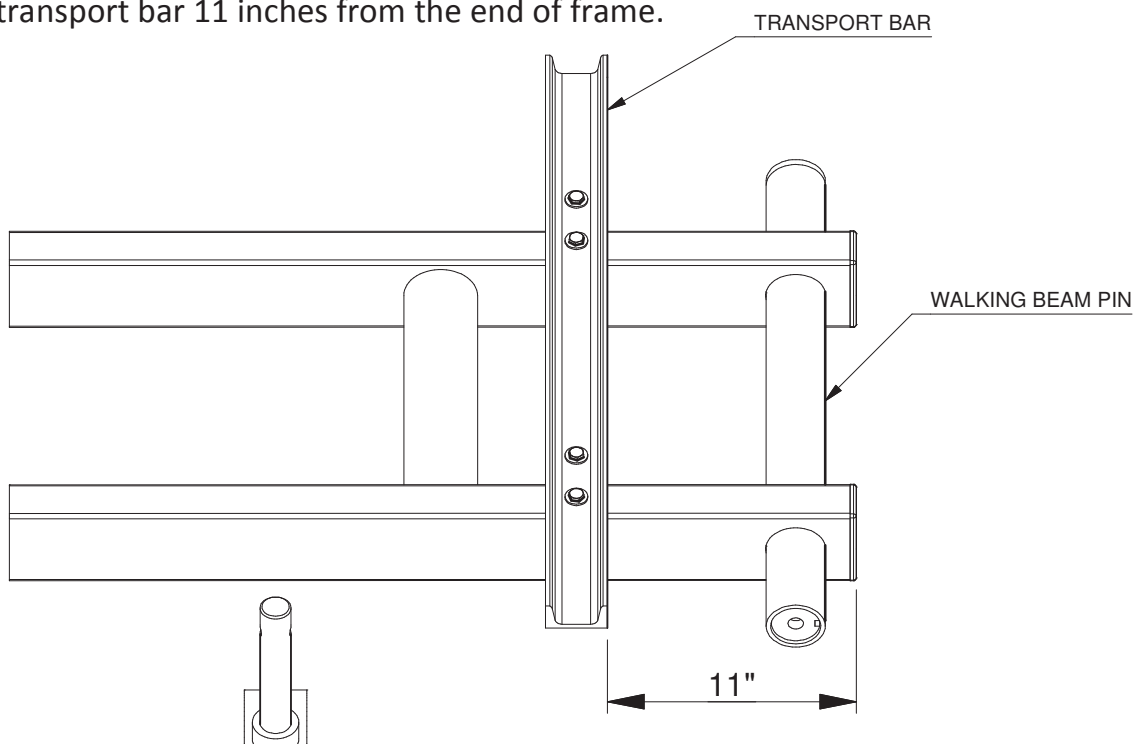
ASSEMBLY

Swing the rod end of the hydraulic cylinder up and align with pin bosses on the Main Frame Cylinder mount. Install the 3/4" X 3-1/2" cylinder pin. Install the 3/4" SAE washer and 3/16" X 1-1/2" cotter pin to retain the cylinder pin.



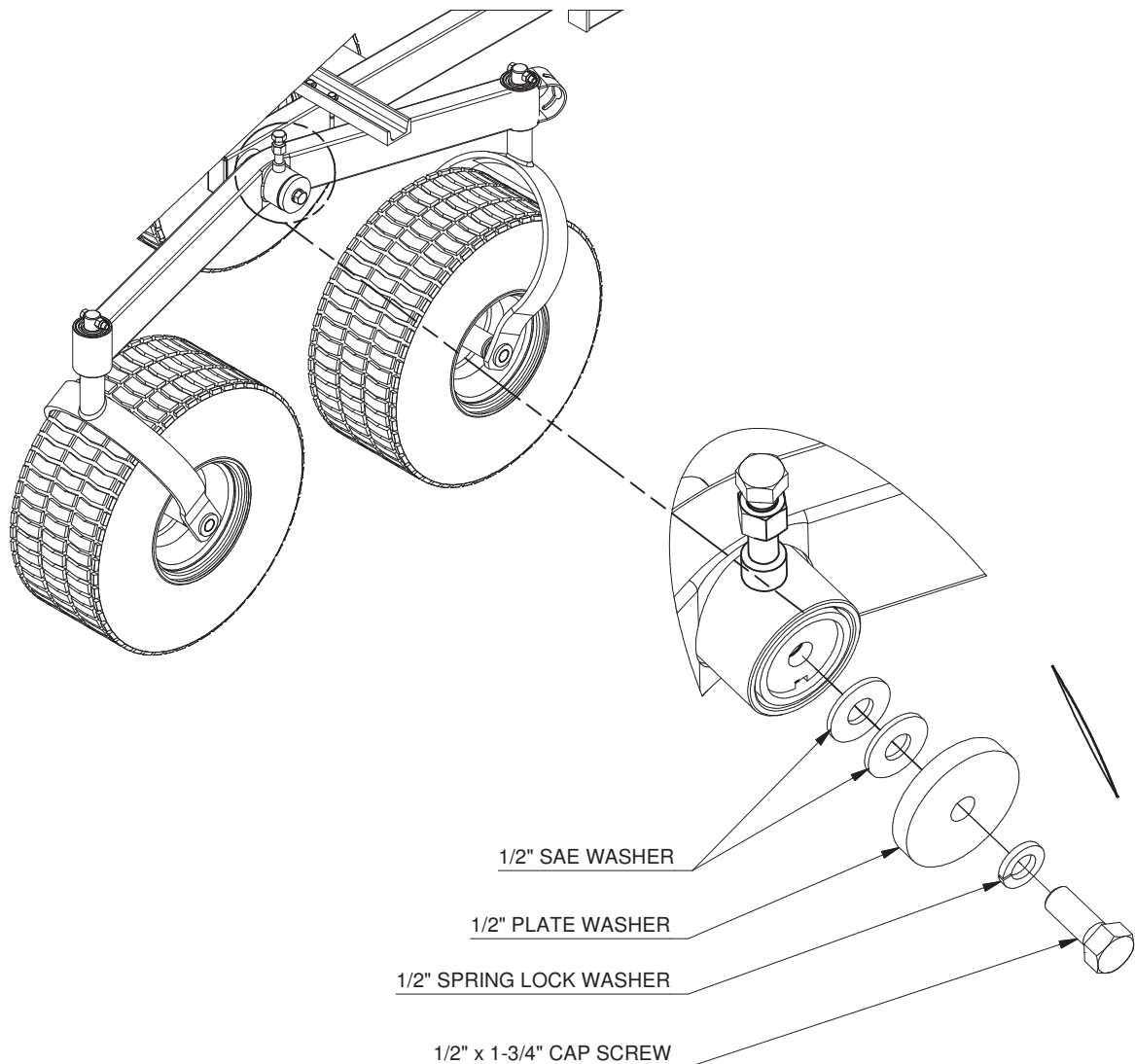
Install the 2" X 20" walking beam pin. Support the Lift Frame assembly with a hydraulic jack or blocking to provide approximately 22" between the walking beam pin and the floor to aid installation of the walking beams.

Install the transport bar 11 inches from the end of frame.



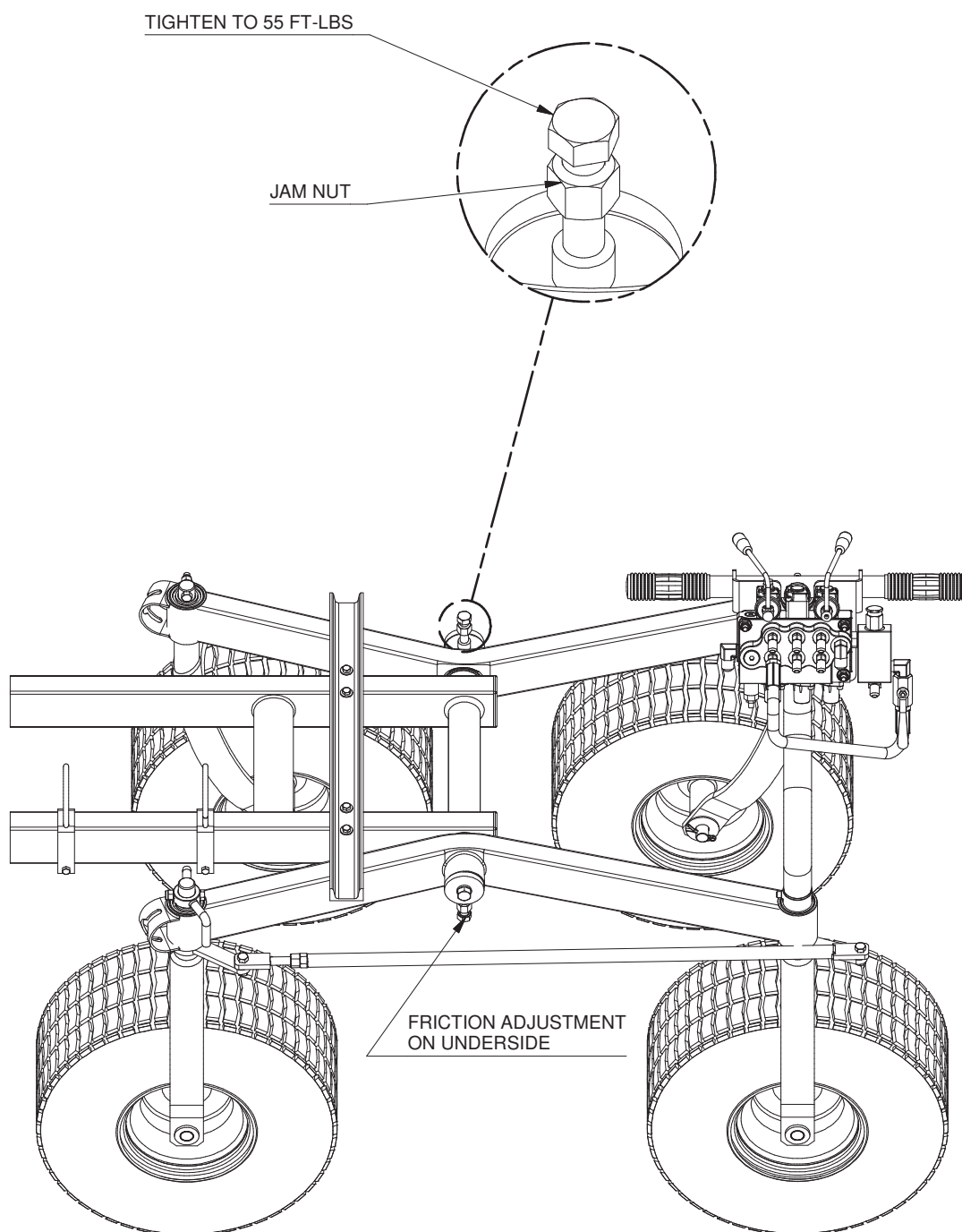
LIFT & WALKING BEAM ASSEMBLY

Slide the right hand walking beam onto the right side of the walking beam pin and secure with 1/2" x 1-3/4" cap screw, 1/2" spring washer, 1/2" plate washer and two 1/2" SAE washers. Repeat for left hand side.



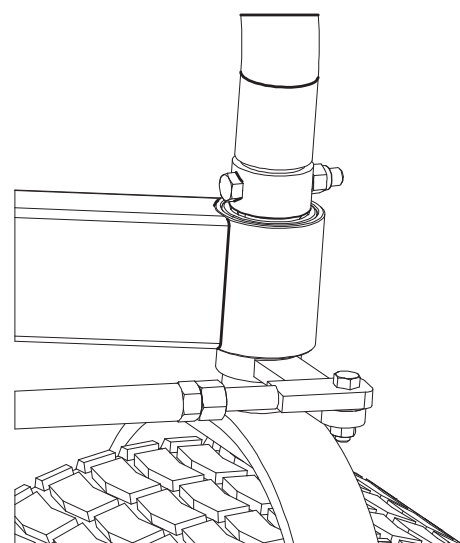
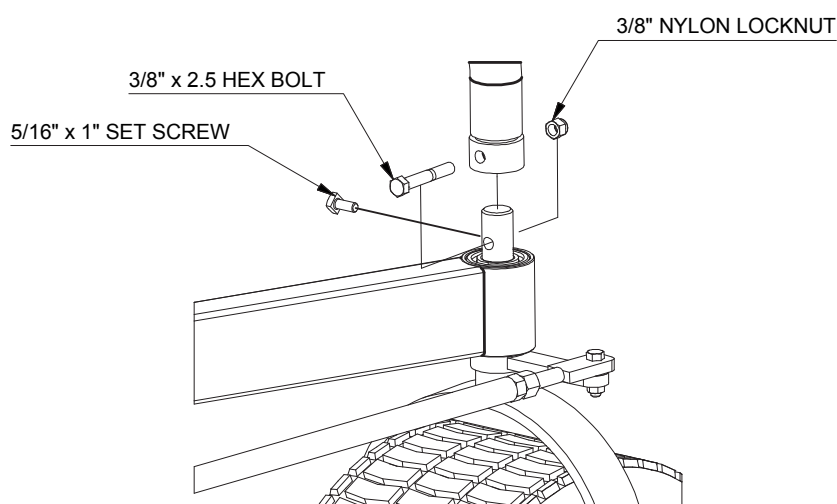
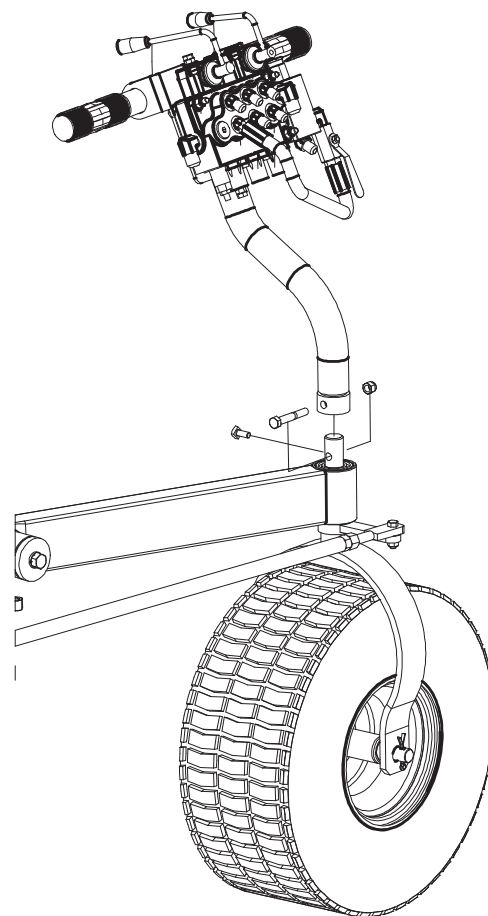
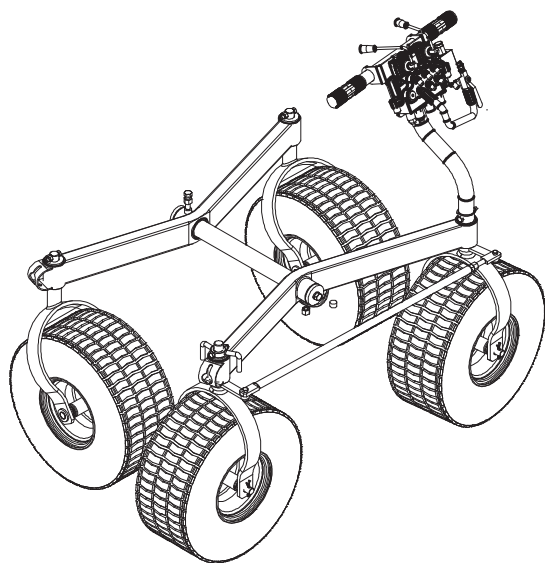
Complete Walking Beam

Each walking beam has a friction adjustment to prevent walking beam bounce. For proper adjustment torque the retaining bolt to approximately 55 ft. lbs. Then tighten the jam nut.



STEERING COLUMN ASSEMBLY

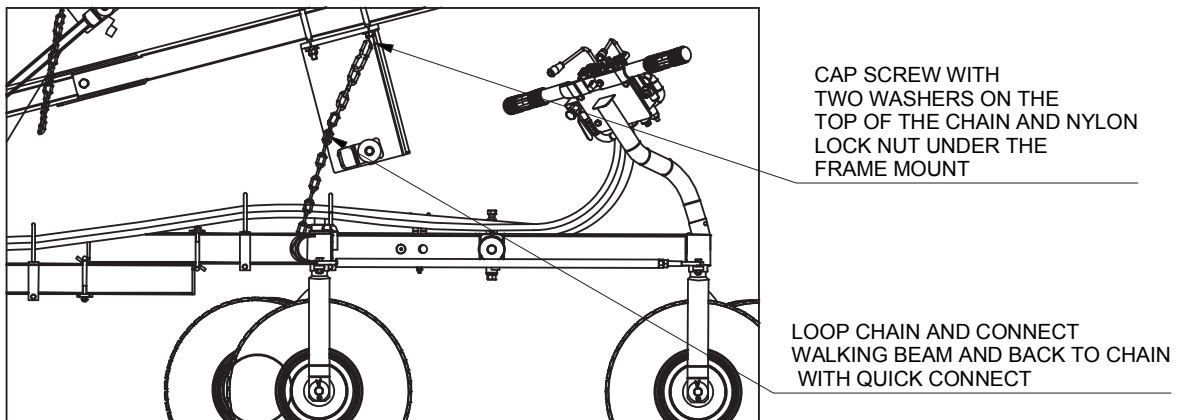
Install the steering column onto the steering yoke shaft, aligning the holes. Insert the 3/8"-2.5 hex bolt, and securely tighten on the 3/8" nylon locknut. Insert the 5/8" x 1" set screw last and tighten.



TRANSPORT CHAIN ASSEMBLY

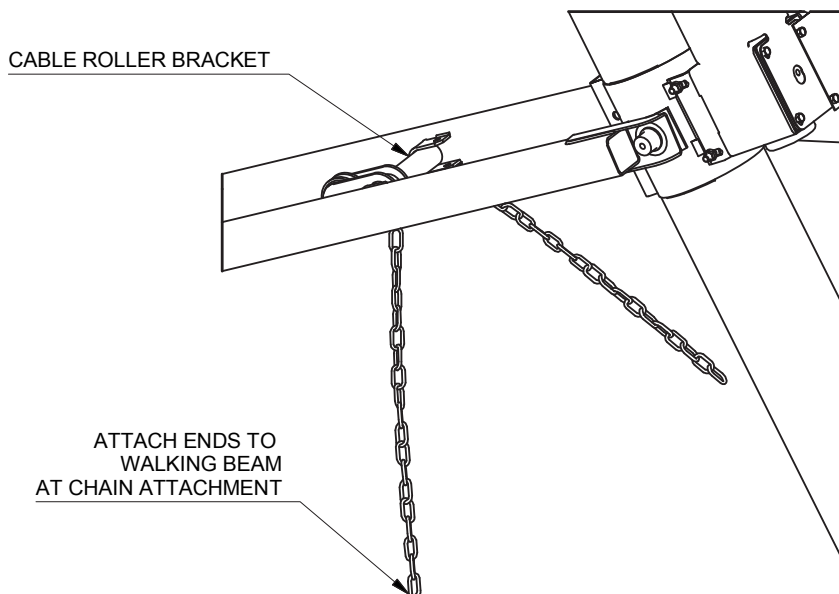
Transport Chain for 33, 39 and 46 Foot Augers

Secure the two transport chains on each side of the Cylinder Base with a 3/8 x 1-1/4" cap screw, two 3/8" flat washers and 3/8" nylon lock nut. Fasten Quick Link onto the other end of the chain.



Transport Chain for 53 and 59 Foot Augers

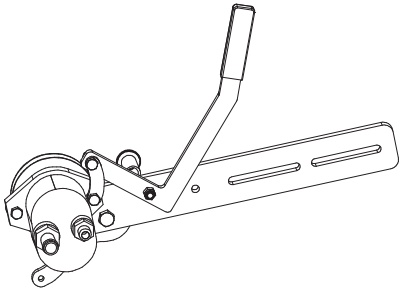
Secure each transport chain with the cable roller bracket retaining pins.



HYDRAULIC PUMP ASSEMBLY

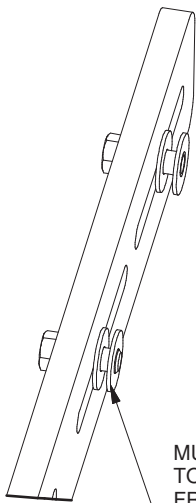
Small Block Pump Assembly

This pump is typically used on engines from 25HP to 31HP.



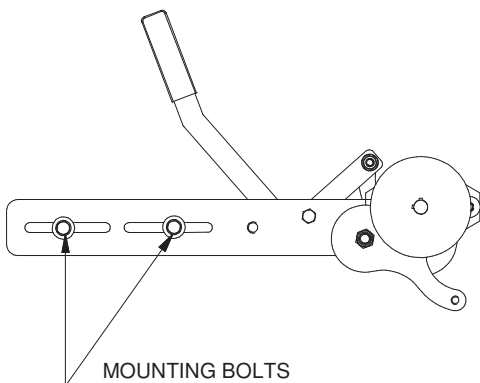
The pump has a slotted bracket that bolts directly to the engine with two 7/16 x 1-1/2 bolts. The entire assembly slides to aid in tensioning the pump belt.

Small Block Pump Installation



MUST HAVE 3/8" FLAT WASHERS
TO PREVENT SLOTTED BRACKET
FROM TIPPING

To mount the pump, first install a 7/16 lock washer and 7/16 flat washer onto the 7/16 x 1-1/2 bolt. Insert the bolt through the slotted bracket, then install two 3/8 flat washers onto the bolt and insert into the 7/16 engine block mounting holes. Note: there are four 3/8 completely round flat washers to be used on the Vanguard engines. There are four 3/8 flat washers that are nipped off on the edge to fit the Kohler engines.

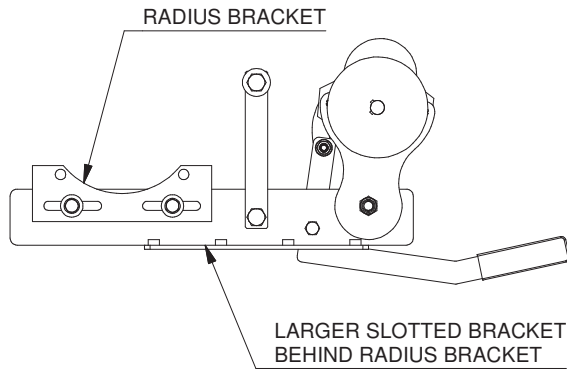


MOUNTING BOLTS

After installing the engine pump drive pulley, the belt (BX-38) can be installed. Provide slight tension to the two mounting bolts, pull back on the pump bracket and then tighten the mounting bolts. This step may need to be repeated until proper belt tension is attained. Preferred tension is 20lbs pull per 1/4" belt deflection. Install the belt guard.

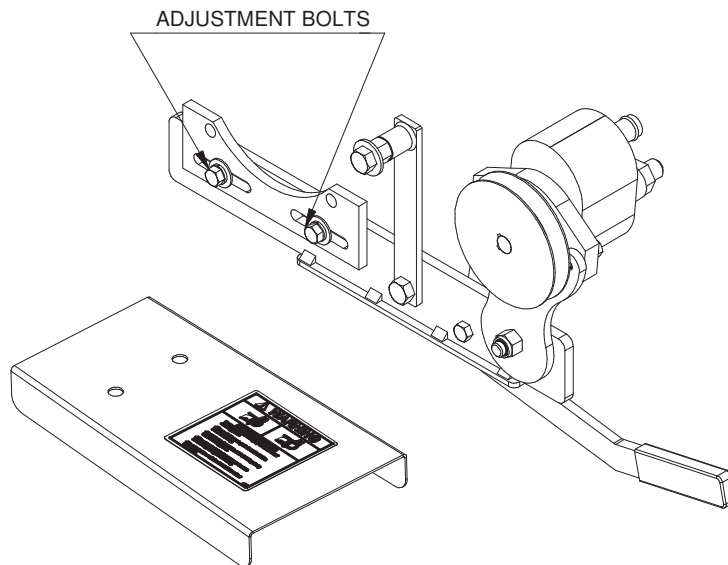
Big Block Pump Assembly

This pump is only used on the "big block" Kohler engines ranging from 34HP to 40HP.



The big block pump has a small radius mounted stationery bracket that bolts on with two 7/16 x 1-1/2 bolts. It has a larger slotted bracket fastened to the back side of the stationary bracket which allows belt tensioning.

Big Block Pump Installation

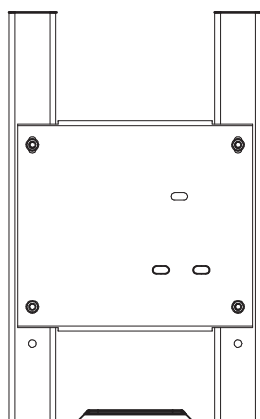


After installing the drive pulley, the belt (BX-34) can be installed. Provide slight tension to the two 3/8 adjustment bolts at the bottom of the radius bracket. Pull back on the pump bracket, tightening the adjustment bolts. This step may be repeated until proper belt tension is attained. Preferred tension is 20lbs per 1/4" belt deflection. Install the belt guard.

HYDRAULIC WINCH ASSEMBLY

Winch Plate Mounting on 33', 39' & 46'

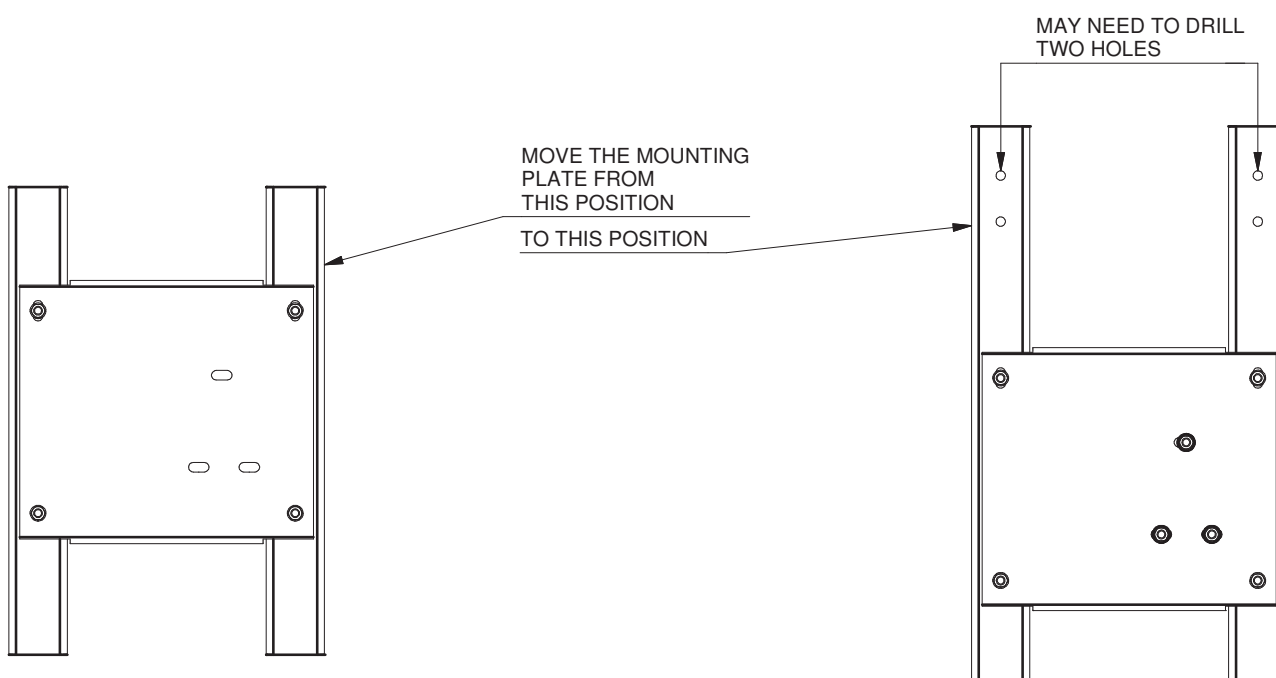
The winch plate must be mounted in the proper location. As there may be more than one set of holes on the 33, 39 & 46 foot augers for mounting the winch, the proper set of holes must be used to mount the winch mounting plate as shown below.



Use the set of holes which position the plate closest to the intake.

Winch Plate Mounting on 53' & 59'

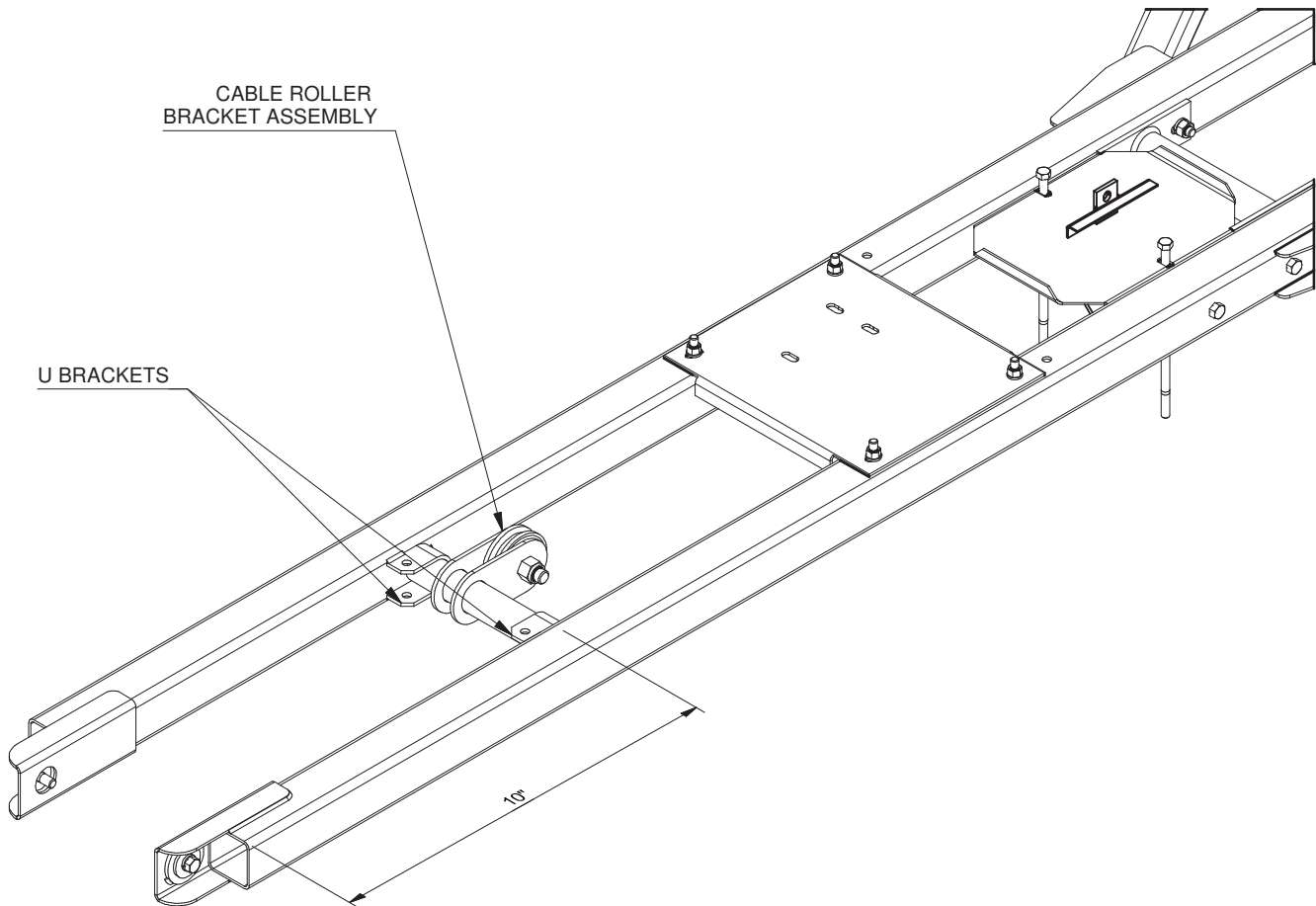
Depending on the production date of the frames it may be necessary to drill two holes in the frame in order to install the winch plate in the proper location. The plate will need to be moved towards the intake as shown below.



ASSEMBLY

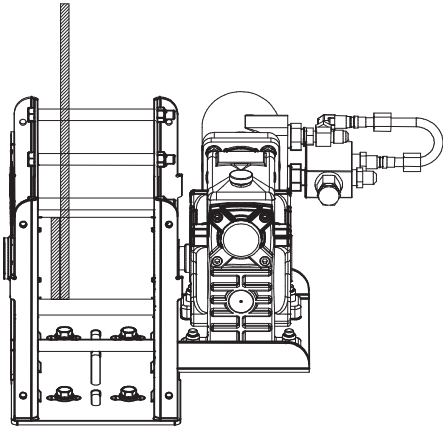
Cable Roller Bracket Assembly for 33'

Earlier 33' auger may not have the cable roller bracket assembly for the winch cable. This would require welding on two U - brackets to the inside of the frame so the bottom of the U measures 10" from the end of the frame. Then install the cable roller bracket assembly.

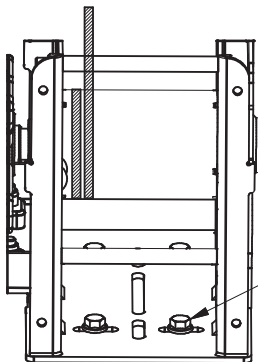


Hydraulic Winch Installation

Align the winch with the winch cable and idler pulley on the frame.



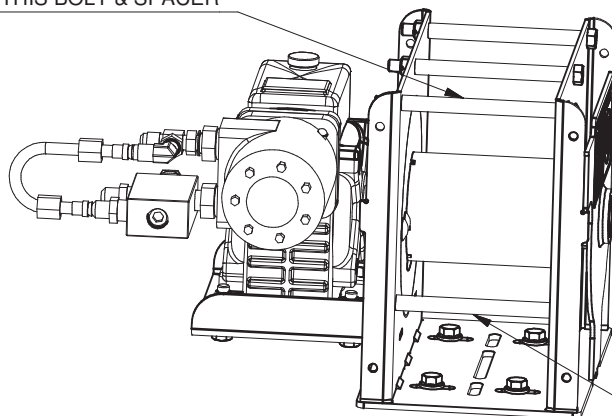
Secure the winch to the winch plate with three 3/8" x 3/4" flanged bolts and 3/8" flanged nuts.



INSTALL FLANGED BOLTS FROM THE TOP
DOWN WITH THE NUTS AT THE BOTTOM

The winch motor and valve assembly should be installed with fittings at the side to avoid hitting cables.

FOR 33' / 39' AUGERS,
REMOVE THIS BOLT & SPACER



FOR 46' / 53' / 59' AUGERS,
REMOVE THIS BOLT & SPACER

HYDRAULICS ASSEMBLY

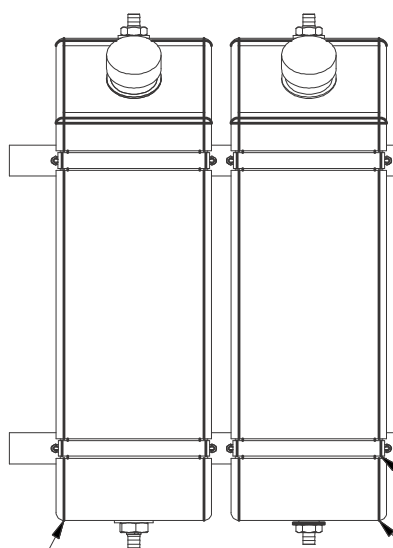
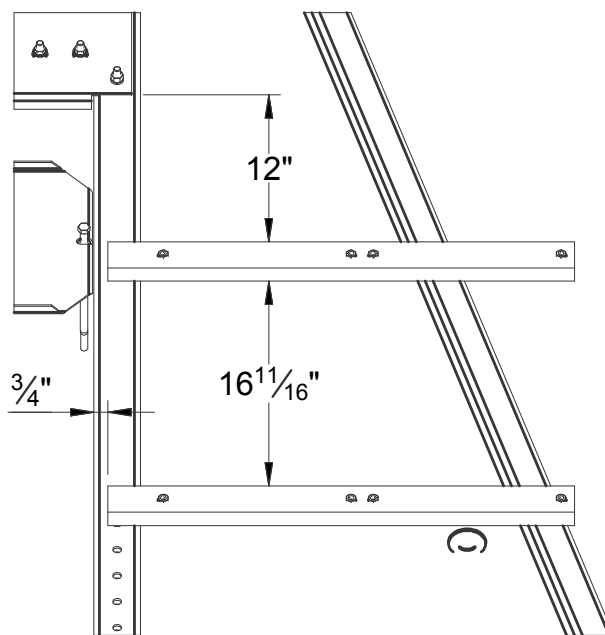
Tank Brackets & Tanks

Use a carpenter square against the main frame with the tank bracket on the adjacent edge of the square. Slide the square down the frame until the 12" mark on the square is even with the edge of the winch plate. Tack and weld in place. The next bracket can be measured and installed 16-11/16" from the first bracket.

Note:

The end of the bracket should be 3/4" in from the edge of the frame on 10" augers to provide clearance for the engine flywheel screen.

On all 7" and 8" models, the end of the bracket should be flush to the outside of the main frame.



Install the hydraulic oil tank to the inside and the gas tank to the outside. Fasten down the tanks with the four tank straps and 5/16" nylon lock nuts.

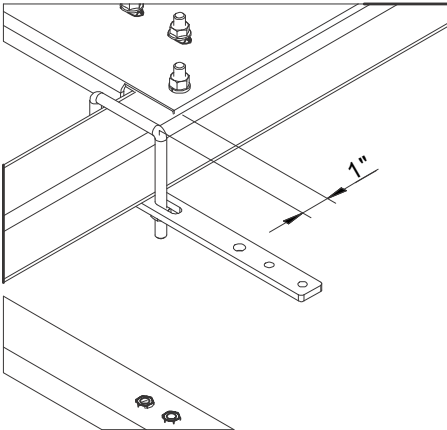
HYDRAULIC TANK

GAS TANK

Hydraulic Filter Head Mounting Bracket

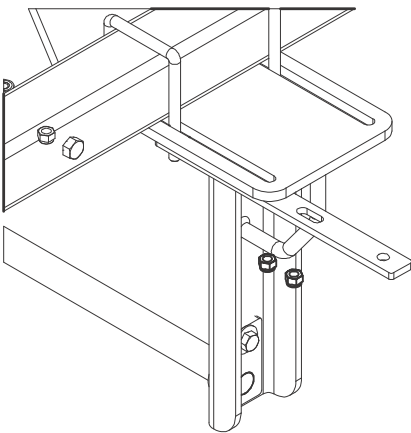
The hydraulic filter mounting bracket is mounted in different locations on different model augers as follows:

33 & 39 Foot



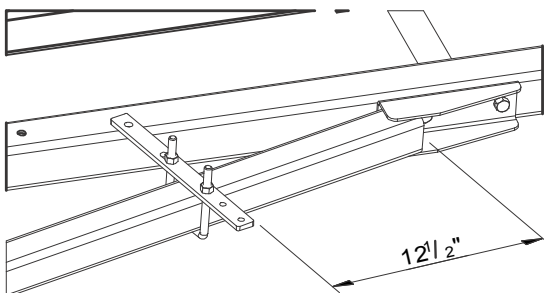
Secure filter mounting bracket with 2-1/2" or 3" U-bolt, depending on frame size, 1" ahead of the winch mounting plate.

46 Foot



Secure filter mounting bracket to bottom of Anchor using the 3/8" Stover lock nuts.

53 & 59 Foot

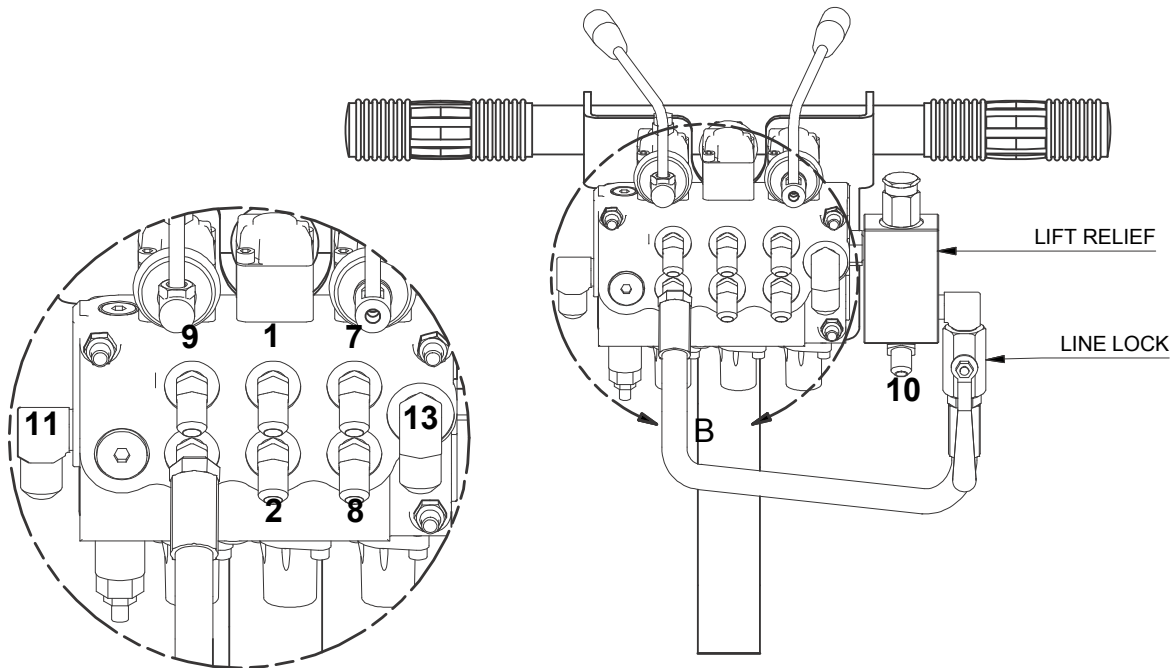


Secure filter mounting bracket with 2-1/2" or 3" U-bolt, depending on frame size, 12-1/2" from end of brace.

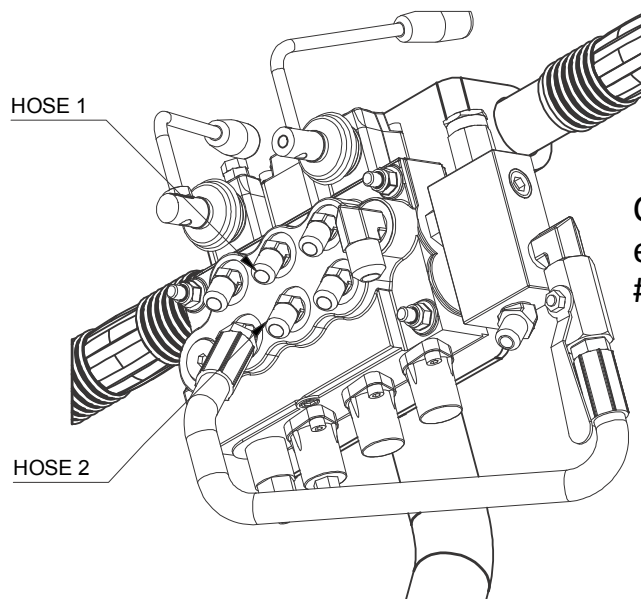
Installing Hydraulic Hoses to the Components

Your hydraulic hoses are numbered from 1 through 13, & 15. The picture below shows the control valve with numbered fittings to help guide you through the proper installation of hoses.

(USE AS REFERENCE PICTURE FOR HOSE PLACEMENT)



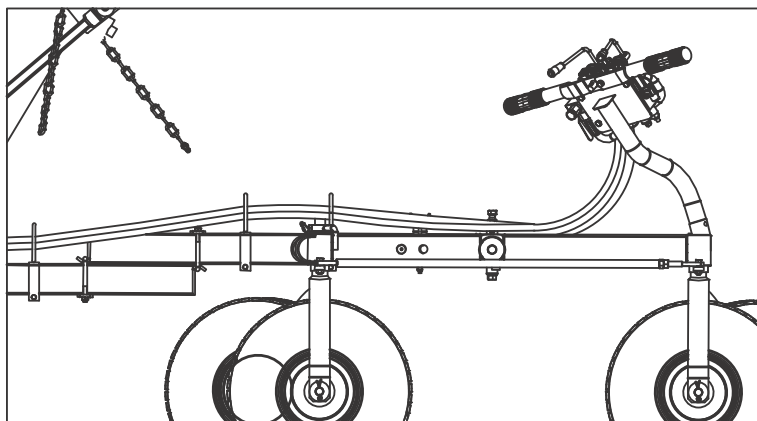
Connecting drive circuit hoses #1 & #2 from control valve to the cushion block



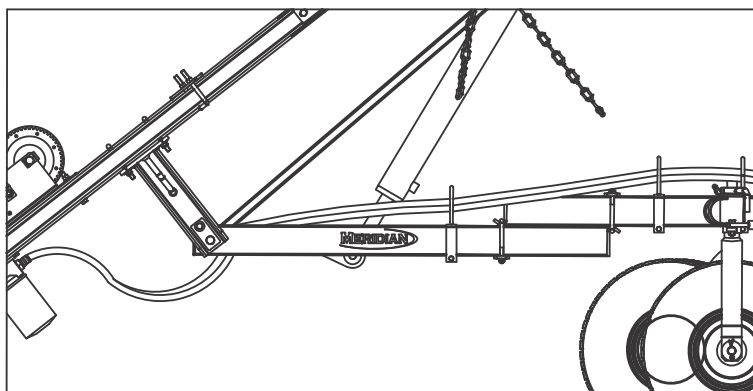
Connect #2 hose first and then #1 to ease installation as it is below fitting #1.

ASSEMBLY

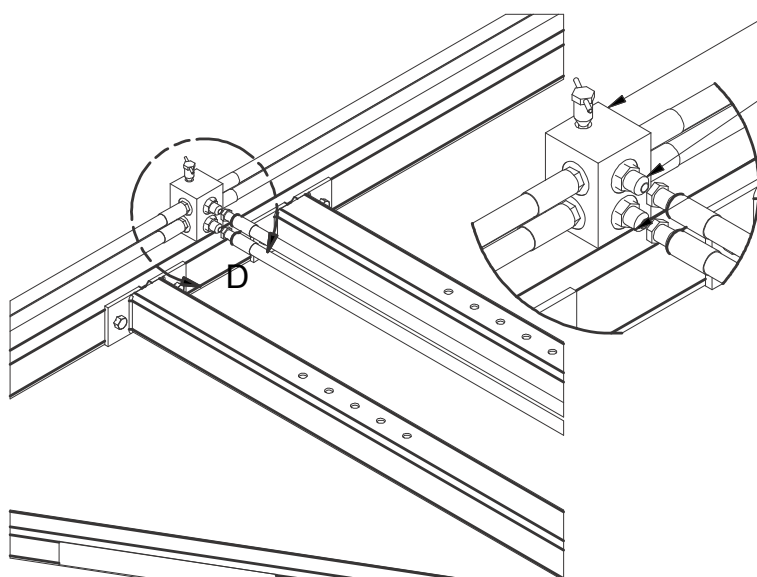
Running drive circuit hoses along frame to the cushion block on the axle



Run the two drive circuit hoses #1 & #2 down from the valve so they have a large curve with a slight sag at the curve. Run hoses along over the transport bar.



Run the hoses through the three hose rings along the expandable frames and zip tie hoses to the frames. Leave a significant curve in the hoses just below the main frame anchor.

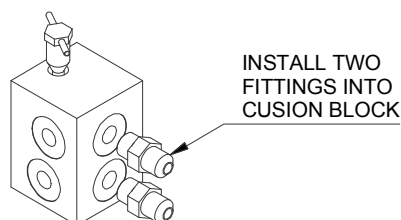


ADJUSTABLE CUSHION BLOCK

#1 HOSE TOP

#2 HOSE BOTTOM

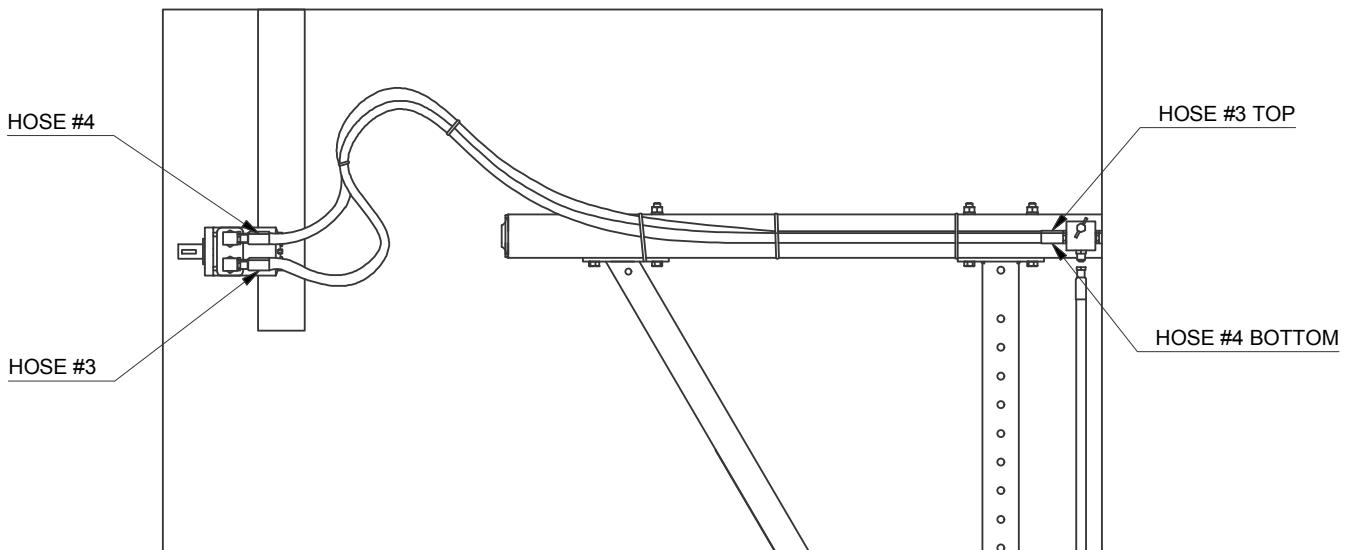
Run hoses over top of the tank brackets. Install two fittings into cushion block as below. Connect hoses to the fittings as shown. Zip tie hoses & cushion block to the frame.



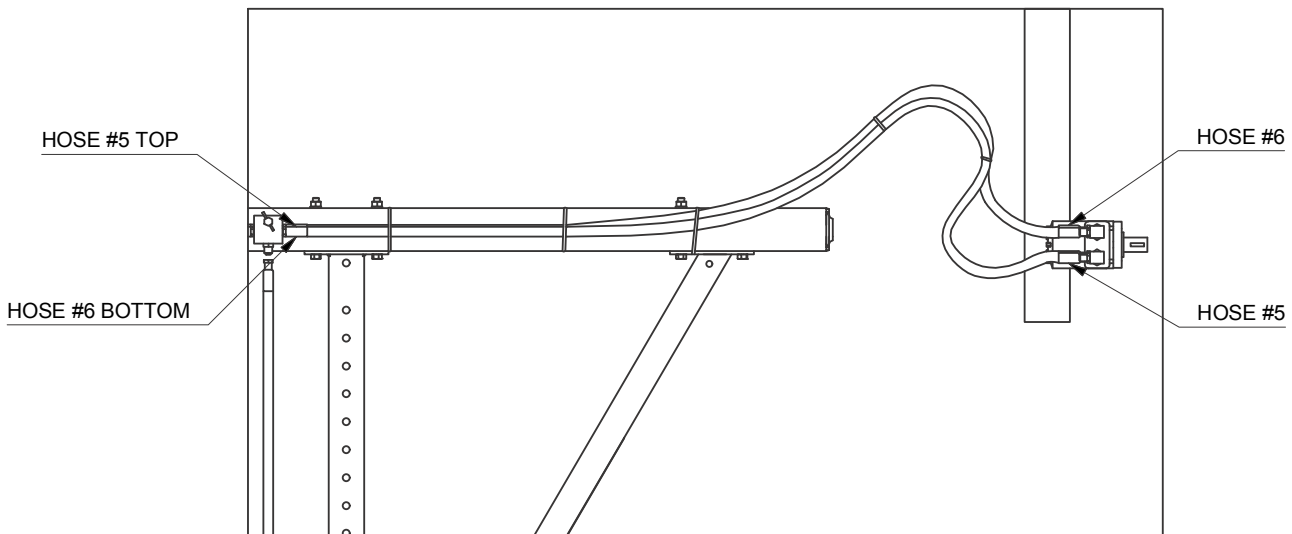
INSTALL TWO FITTINGS INTO CUSHION BLOCK

ASSEMBLY

Connecting Drive Motors and Cushion Block Hoses #3, #4, #5, #6

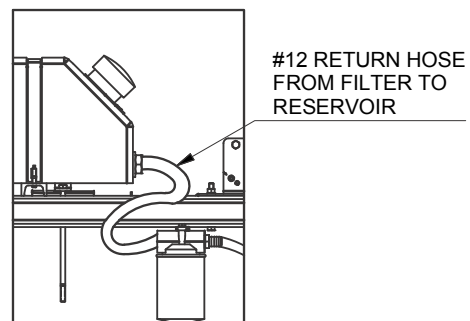


Install two drive motor fittings onto each of the drive motors. Then install the #3 and #4 hoses into the cushion block as shown above. Now run the hoses along the axle to the left and shape hoses into an “S” shape and hook up to the LH drive motor ports as designated.



Install the #5 and #6 hoses into the cushion block as shown above. Now run the hoses along the axle to the right and shape hoses into an “S” shape and hook up to the RH drive motor ports as designated.

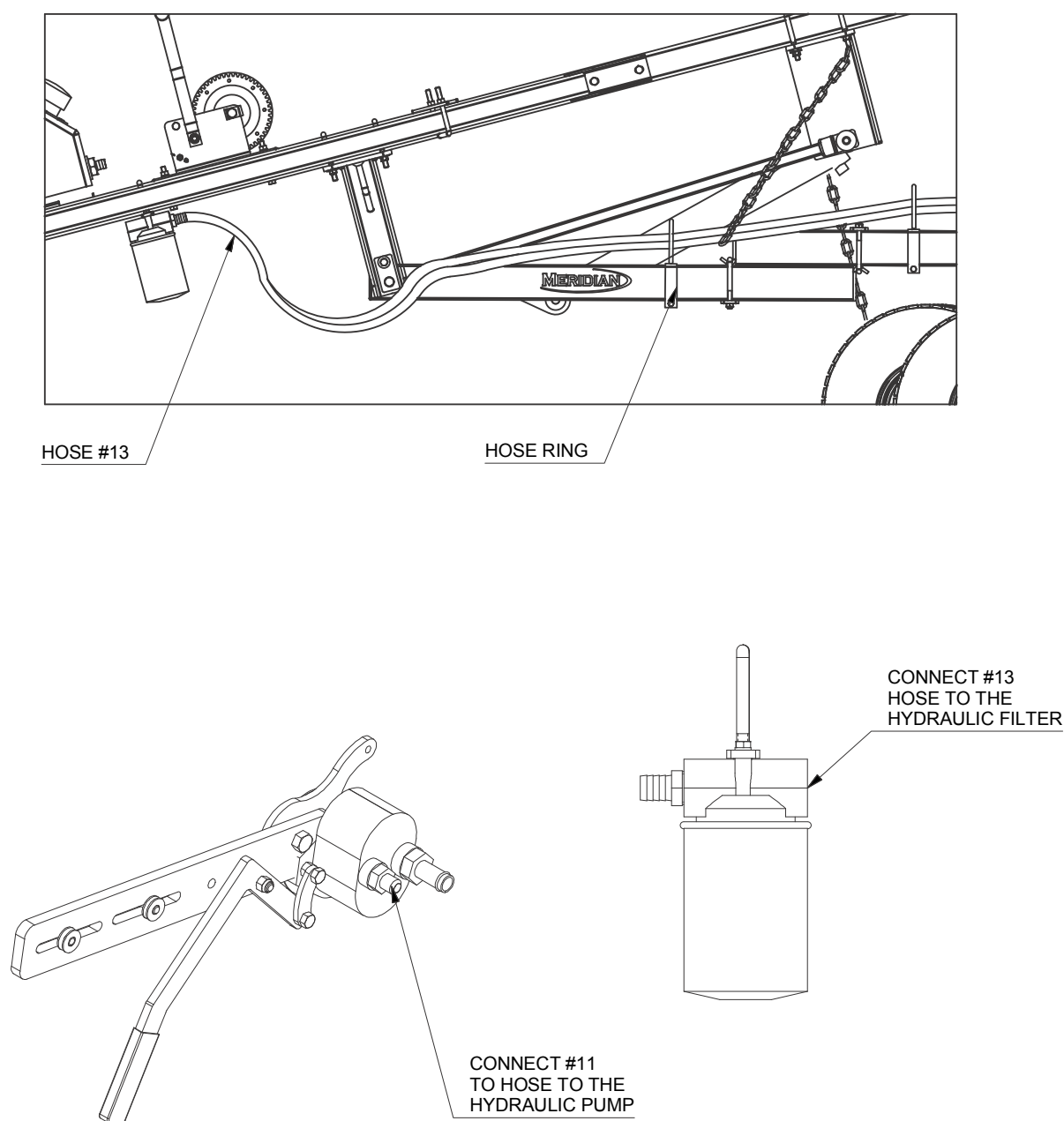
Prior to further hose installation you will need to install the Hydraulic Filter Assembly to the filter mounting bracket you installed previously.



ASSEMBLY

Connecting Pressure & Return Hoses

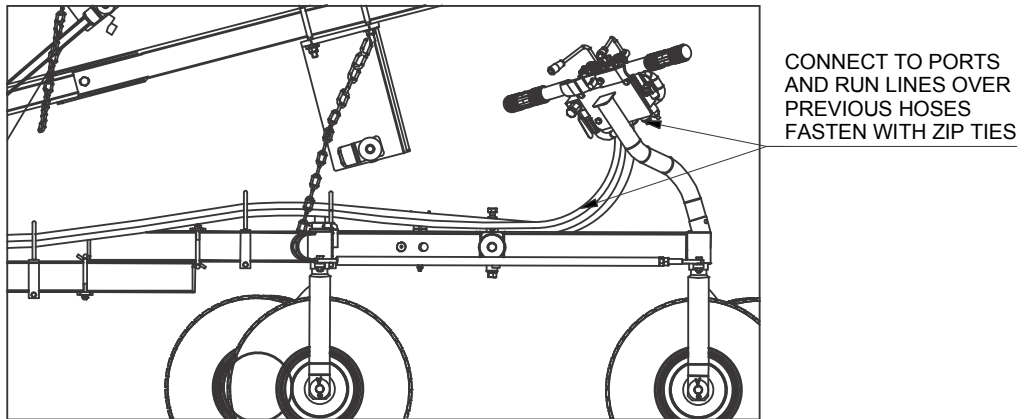
Connect the #11 pressure hose and #13 return hoses to the ports as designated on the Reference Picture. Run the #11 hose through the hose rings following the same curve as previous drive hoses under the frame anchor, over the tank brackets around the engine and to the hydraulic pump. Now run the #13 hose through the hose rings following the other hoses but when following the curve under the frame anchor the hose needs to make another curve back into the "IN" port of the hydraulic filter head. Zip tie these two hoses to the two previously installed drive hoses #1 & #2.



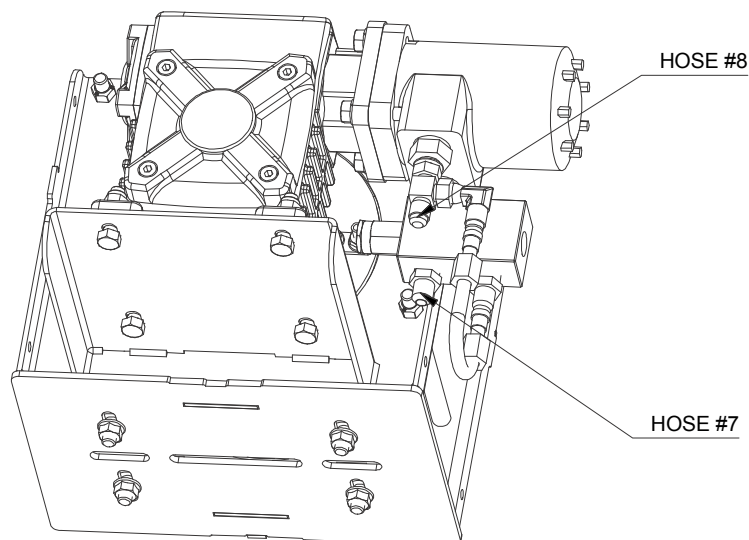
ASSEMBLY

Connecting Winch Hoses #7, #8

Connect the #7 and #8 winch hoses to the ports as designated on the Reference Picture. Run the two hoses along over the previous hoses fastening them all together with zip ties.



Connect the #8 hose to the “T” fitting on the winch motor and the #7 hose to the fitting on the silver relief valve block.

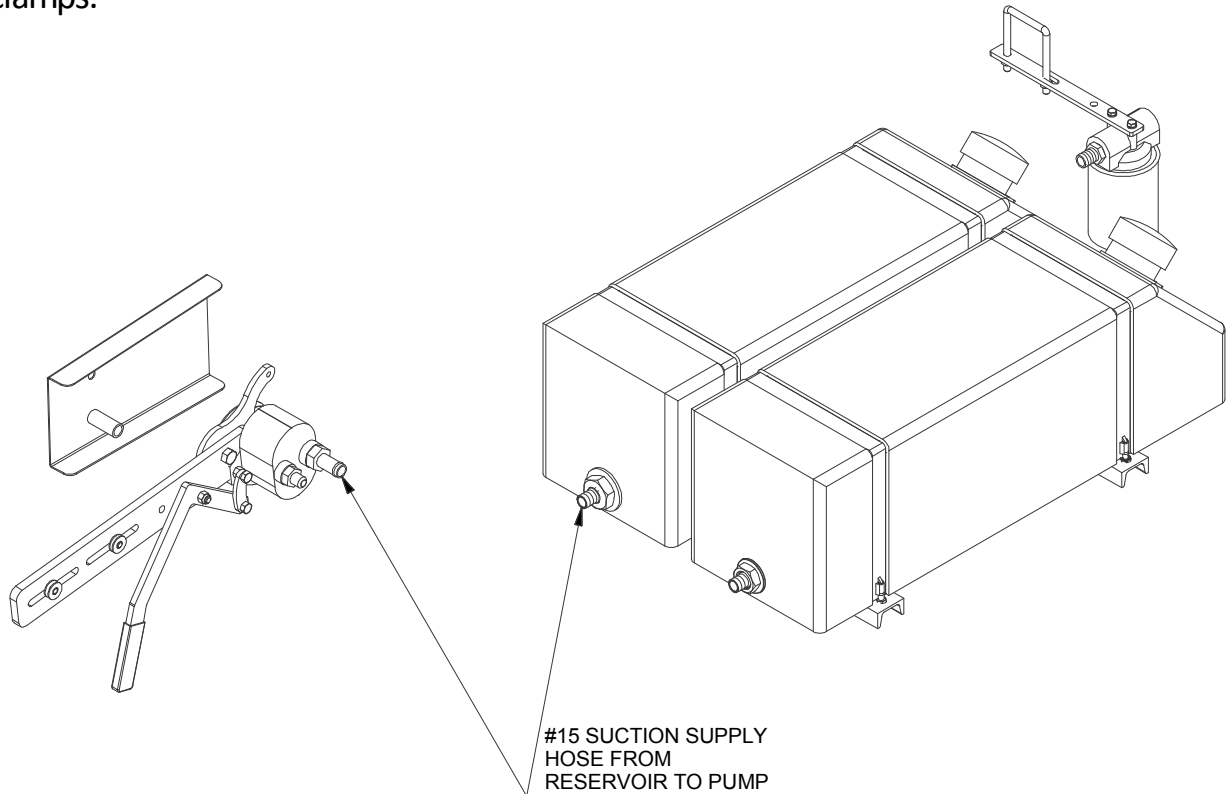


VIEW FROM BOTTOM

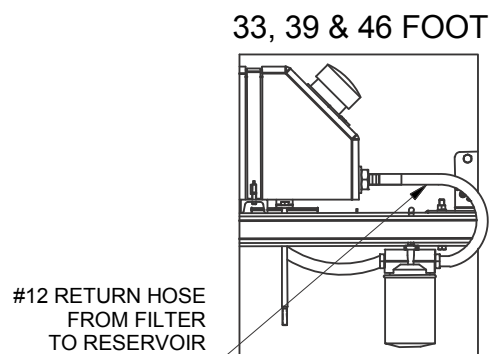
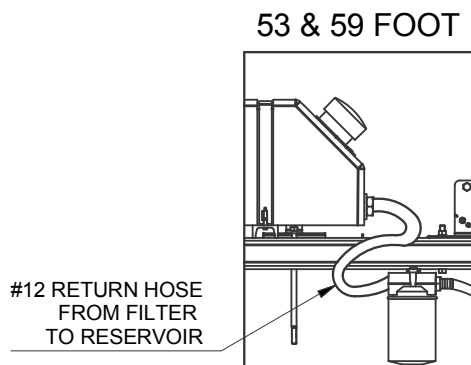
ASSEMBLY

Connecting Suction and Return Hoses to Hydraulic Tank

Hose #15 is a 3/4" x 36" hose used to connect the hydraulic reservoir to the hydraulic pump. Be sure the hose is free of debris inside and lubricate the inside of each hose end to ease installation onto the barbed fittings. Slide the hose clamps onto the hose and install the hose and tighten the hose clamps.



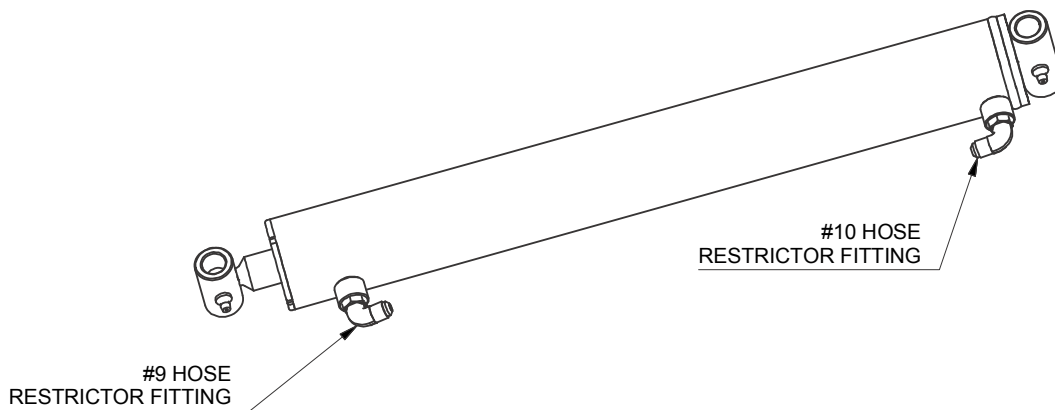
Hose #12 is used to connect the hydraulic filter to the reservoir. Lubricate the inside of each hose end. Slide the hose clamps onto the hose and install the hose and tighten the hose clamps.



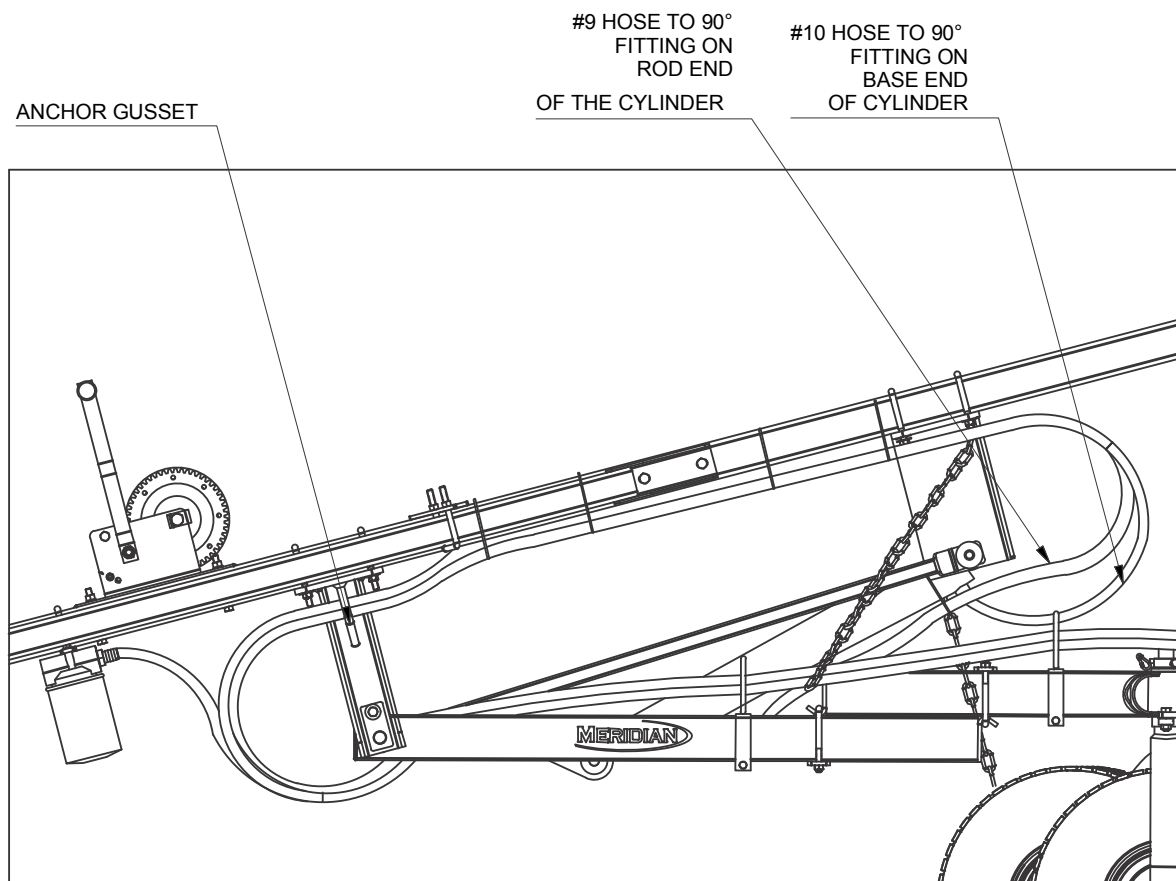
ASSEMBLY

Connecting Lift Cylinder Hoses

Connect the #9 and #10 hoses to the ports as designated on the Reference Picture. Run the two hoses through the three hose rings, and then make a loop back up and through the main frame anchor gusset. Zip tie hoses to other hoses and to the bottom of the auger frame. Install two restrictor fittings in the lift cylinder ports as shown below.

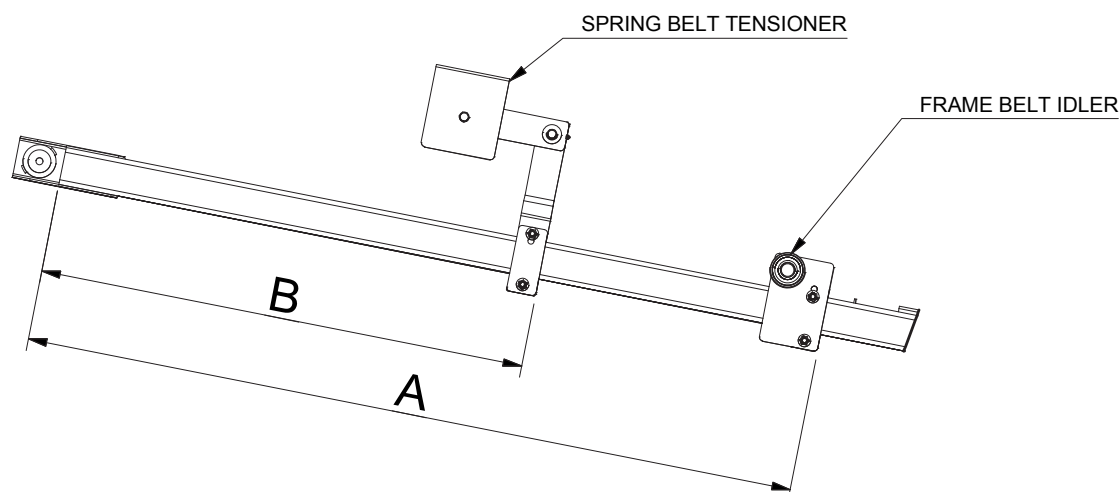


Connect #9 hose to the rod end of cylinder and the #10 hose to the base end of the cylinder.



FRAME BELT IDLER ASSEMBLY

A belt frame idler must be installed on your auger to prevent the belt from coming into contact with the cylinder base frame mount as the auger is raised to the higher position. The proper placement of the idler is indicated in the chart below:



Frame Belt Idler Distance at Location "A"

Model	Distance
33	See "NOTE" for 33ft Application only
39	53"
46	60"
53	60"
59	75"

Note: On the 33 ft only, mount the idler on the bottom of the frame 5/8" from the cylinder base frame mount and flush with the top.

Spring Idler Pulley Assembly

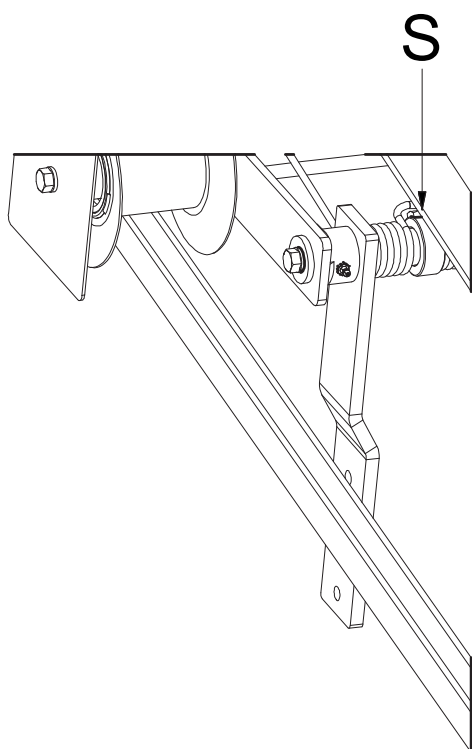
If a Spring Idler Pulley is to be installed the chart below indicates proper placement of the pulley.

Spring Idler Pulley Distance at Location "B"

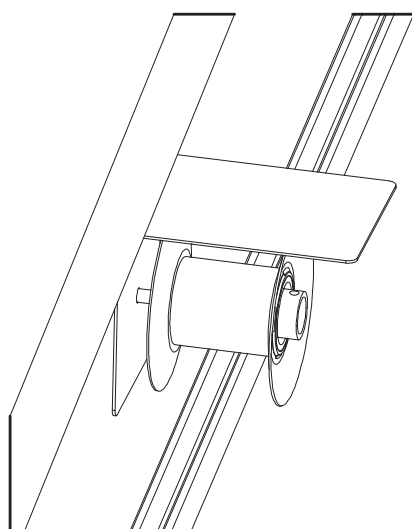
Model	Distance
33	36"
39	36"
46	45"
53	40"
59	57"

Spring Idler Adjustment

Once the idler has been bolted in the proper location it will be necessary to adjust it in order for the belts to track evenly in the center of the pulley. Adjusting is done by using a large crescent wrench to slightly twist the mount as shown. Note: Adjustment should only be done with the engine not running then restart to recheck.



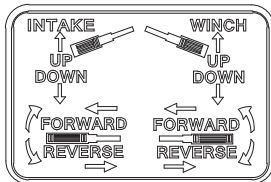
There is also an adjustment to be made on the spring if more spring tension is required. Spring adjustment is done by loosening the square headed set screw "S" on the shaft collar. With the belts out of the way from the pulley, lower the pulley down allowing the spring to move down and retighten the set screw. Lift pulley up and place belts back under the pulley and test for required tightness.



Once the pulley is in proper alignment the belt should track evenly in the center of the pulley.

DECAL ASSEMBLY

Now that you have completed the installation of your new Frame Mounted Mover Kit, there are three very important decals to be installed on the side of the auger tube either just ahead of or behind the gear box.



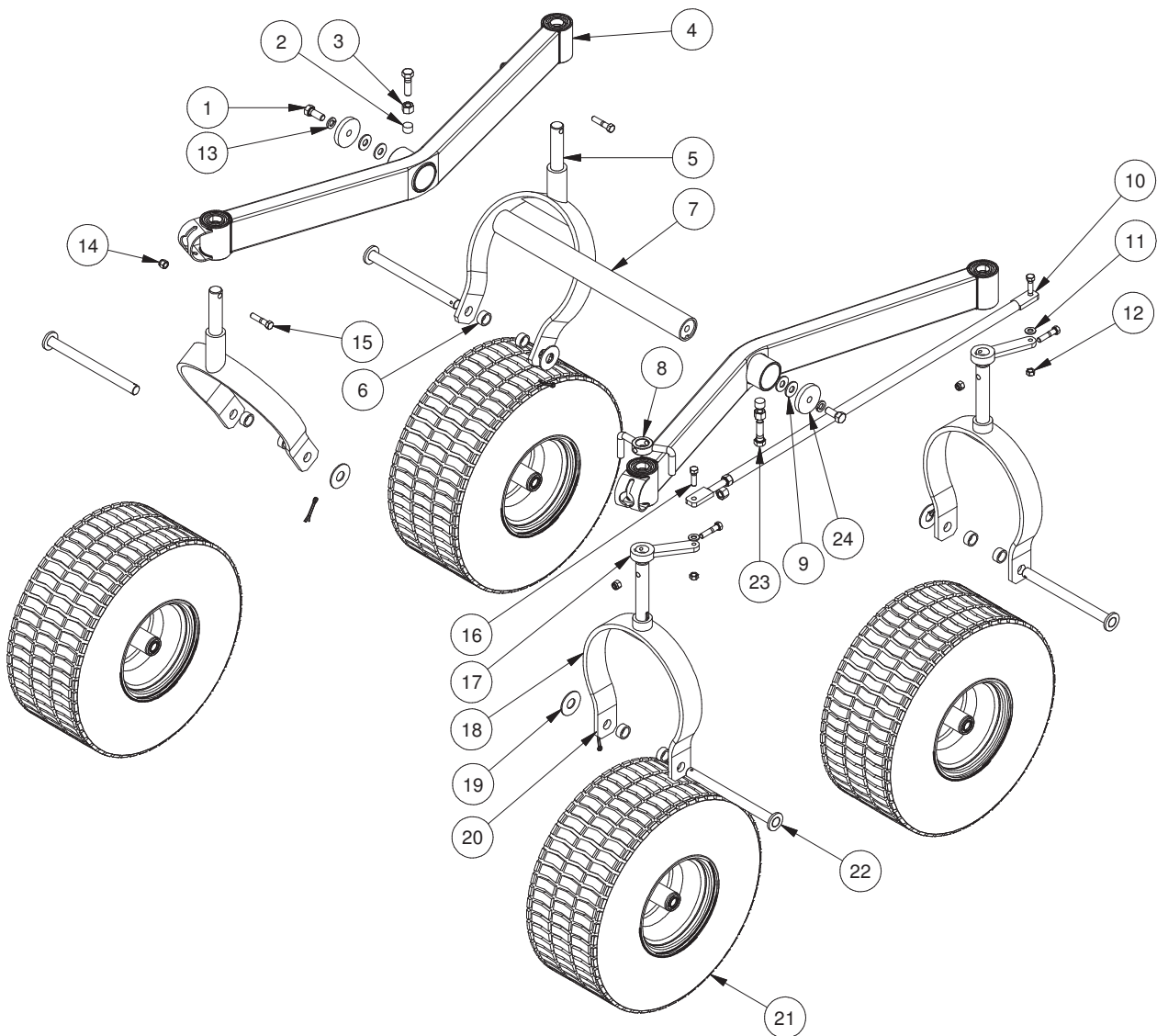
The first decal gives you the BASIC OPERATION of the movers' three functions. The second decal provides procedures To Prevent Damage of Auger Tubing.

In the hardware box, there are also two MERIDIAN decals to be installed on the sides of the lift frame, as shown below.



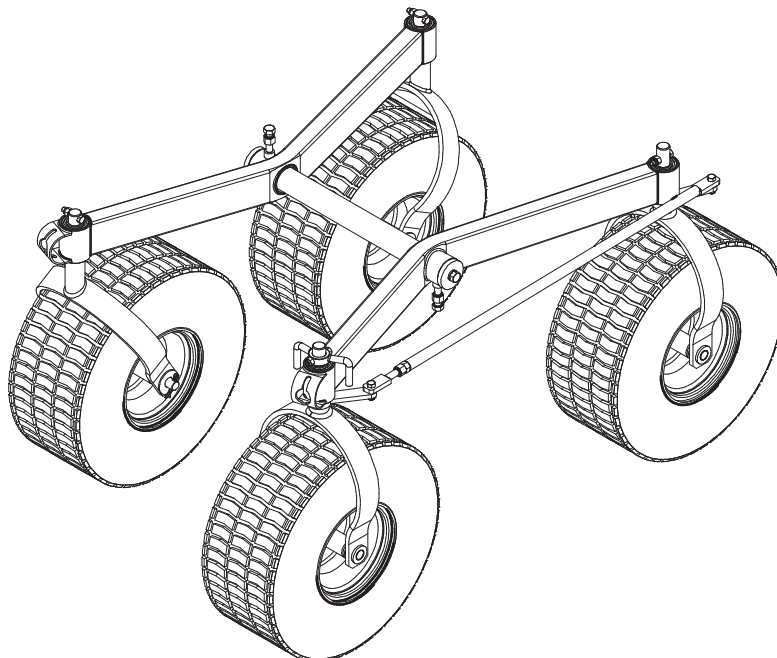
Note: If for some reason any of the Safety or Warning decals have been damaged or covered by a component of the mover kit, please contact your authorized equipment dealer to have them replaced.

WALKING BEAM



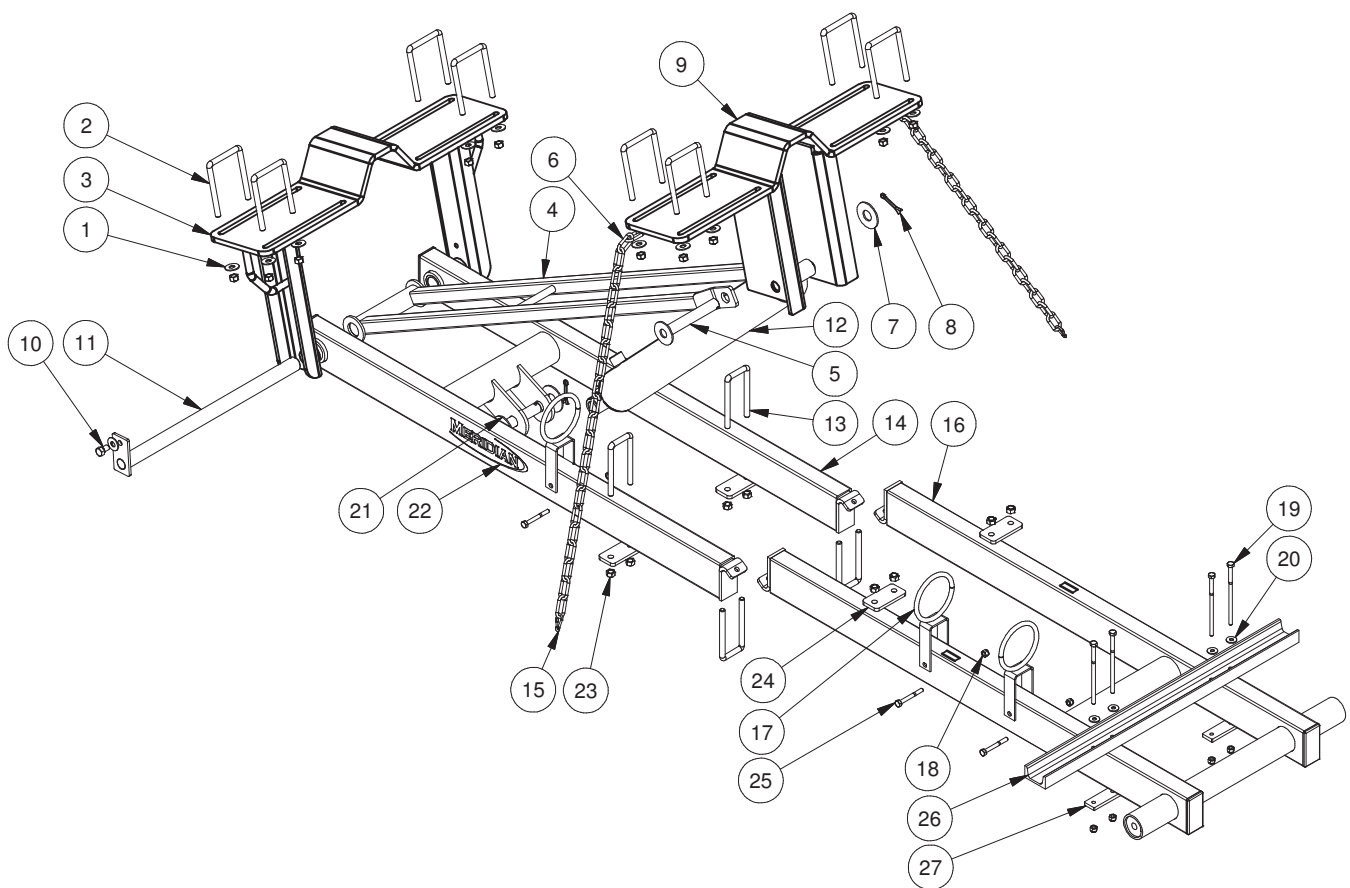
PARTS

WALKING BEAM



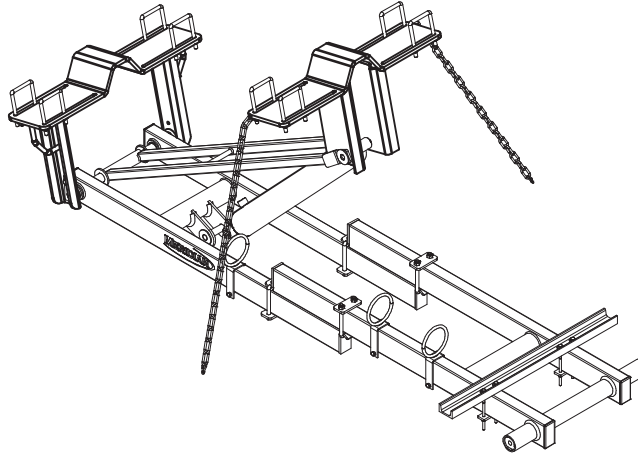
FRAME MOUNT MOVER			
REF #	PART #	QUANTITY	DESCRIPTION
1	13-0702-08020	2	Hex Cap Screw - 1/2-13 UNC - 1.25
2	13000042116-00	2	Brake
3	13-0725-00008	2	Hex Nut - 1/2
4	13000042605-00	2	Walking Beam w/ Bearings
5	13000042122-00	2	Yoke - Castor
6	13000042594-00	8	Spacer - Wheel Axle
7	13000042119-00	1	Pin
8	13000042106-00	1	Stop - Steering - Assembly
9	13-0735-00008	4	Washer - 1/2
10	13000042120-00	1	Bar - Steering
11	13-0736-00006	2	Flat SAE Washer - 3/8
12	13-0730-00006	2	Stover - 3/8-16
13	13-0734-00008	2	Spring Lock Washer - 1/2
14	13-0729-00006	4	NYLOCK NUT 3/8
15	13-0702-06028	4	HEX CAP SCREW 3/8 x 1 3/4-16
16	13-0702-06020	2	Hex Cap Screw - 3/8-16 UNC - 1.25
17	13000042121-00	2	Link - Steering
18	13000042108-00	2	Yoke
19	13-0735-00012	4	Washer - 3/4
20	13-0737-06048	4	Cotter Pin - 3/16 x 1 1/2
21	13000042110-00	4	Kit - Rim c/w Tire
22	13000042114-00	4	Pin
23	13-0702-08028	2	Hex Cap Screw - 1/2-13 UNC - 1.75
24	13000042703-00	2	Washer

LIFT ASSEMBLY



PARTS

LIFT ASSEMBLY

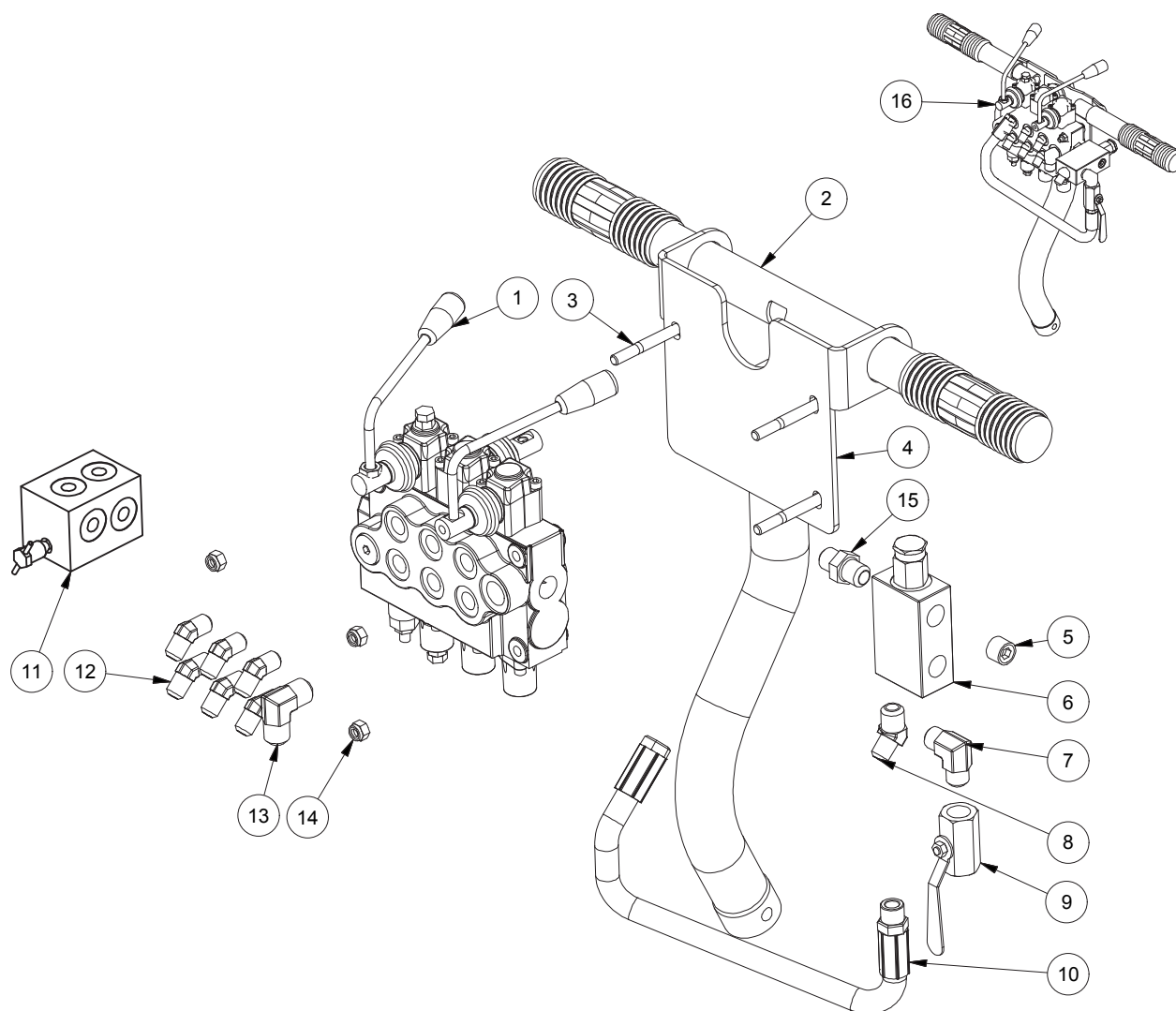


FRAME MOUNT MOVER

REF #	PART #	QUANTITY	DESCRIPTION
1	13-0735-00006	17	Plain Washer - 3/8
2	13000043088-00	8	U-Bolt - 2 1/2 x 3/8"
3	13000043080-00	1	Anchor
4	13000043072-00	1	Lift Arm
5	13000042091-00	1	Pin 5"
6	13000042618-00	2	Safety Chain
7	13-0735-00012	2	Plain Washer - 3/4
8	13-0737-06048	2	Cotter Pin - 3/16 x 1 1/2
9	13000043081-00	1	Cylinder Base
10	13-0702-06010	1	Hex Cap Screw - 3/8-16 UNC - 0.625
11	13000043084-00	1	Anchor Pin
12	13000042088-00	1	Cylinder - Hydraulic - 2 1/2" x 20"
13	13000043092-00	4	U-Bolt - 1.5 x 3/8"
14	13000043082-00	1	Cylinder Mount
15	13000042619-00	2	Quick Link - Transport Chain
16	13000043083-00	1	Walking Beam Mount
17	13000042099-01	3	Hose Holder
18	13-0729-00004	7	Nylock Nut - 1/4 Std NC
19	13-0702-04080	4	Hex Cap Screw - 1/4-20 UNC - 5
20	13-0735-00004	4	Flat Washer 1/4
21	13000042092-00	1	Pin 3.5"
22	13000004660-00	2	Decal - "MERIDIAN"
23	13-0730-00006	25	Stover Nut - 3/8-16
24	13000043093-00	4	U-Bolt - Plate - 1.5"
25	13-0702-04036	3	Hex Cap Screw - 1/4-20 UNC - 2.25
26	13000042096-00	1	Bar Transport
27	13000042097-00	2	Plate Bar Transport

PARTS

STEERING COLUMN c/w HYDRAULICS

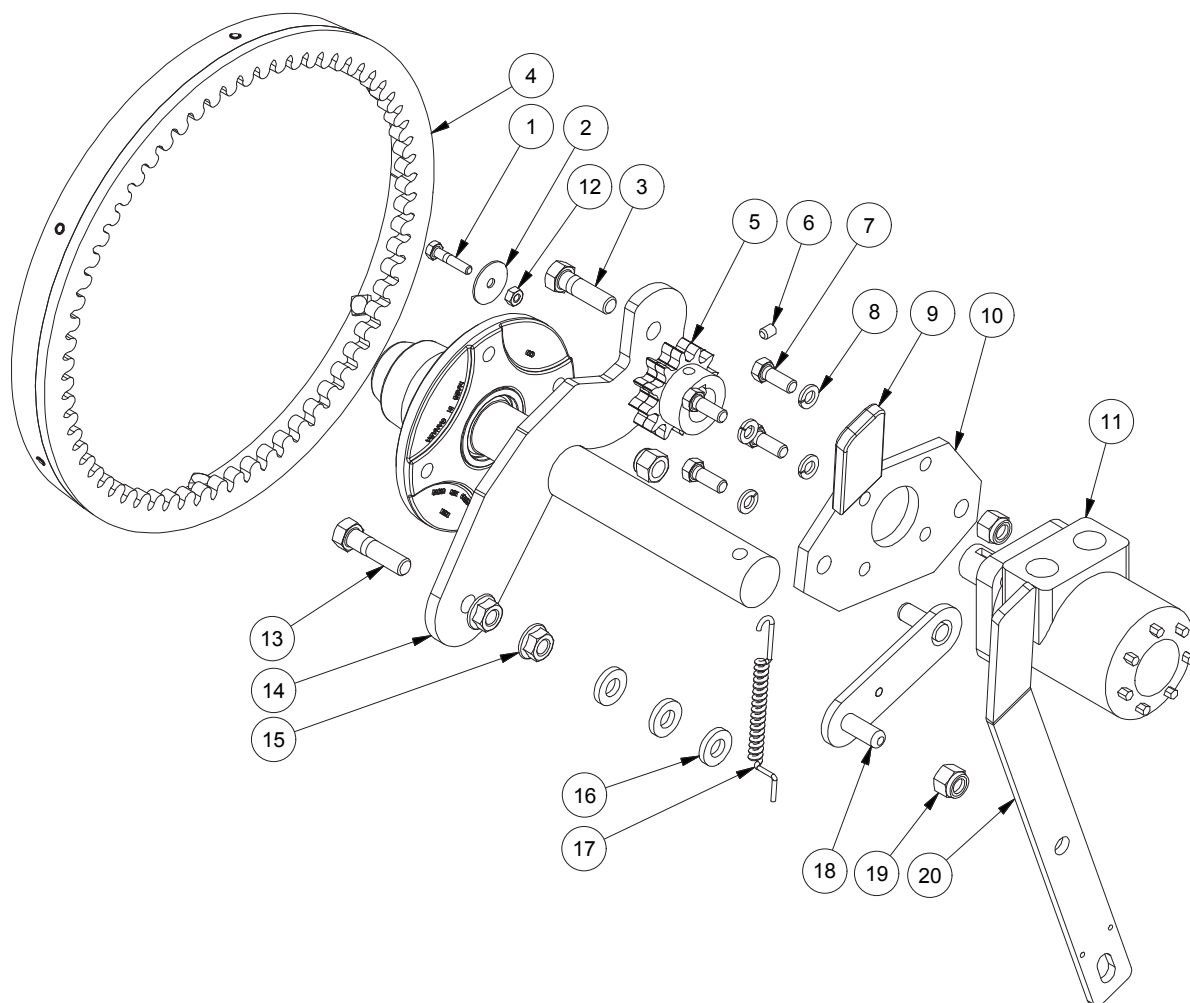


FRAME MOUNT MOVER

REF #	PART #	QUANTITY	DESCRIPTION
1	13000042127-00	1	Valve - Control c/w Fittings & Bypass LH
2	13000042460-00	1	Handle Assembly
3	13-0702-05040	3	Hex Cap Screw - 5/16 x 1/2-18
4	13000043246-00	1	Steering Column
5	13000042139-00	1	6MP - Plug
6	13000042134-00	1	Lift Bypass Valve
7	13000042138-00	1	Fitting - Hydraulic - 6MP - 6MP90
8	13000042137-00	1	6MP - 6MJ45 - Fitting - Hydraulic
9	13000042136-00	1	Valve - Ball
10	13000042142-00	1	6MP - 6FJX - 6 - Hose (Bypass)
11	13000042186-00	1	Block Cushion
12	13000042141-00	6	6MB - 6MJ45 - Fitting - Hydraulic
13	13000042140-00	2	8MB - 8MJ90 - Fitting - Hydraulic
14	13-0729-00005	3	Nylon Locknut - 5/16
15	13000042135-00	1	6MP - 8MB - Fitting
16	13000042046-00	1	Steering Column c/w Hydraulics

PARTS

DRIVE MOTOR - LH

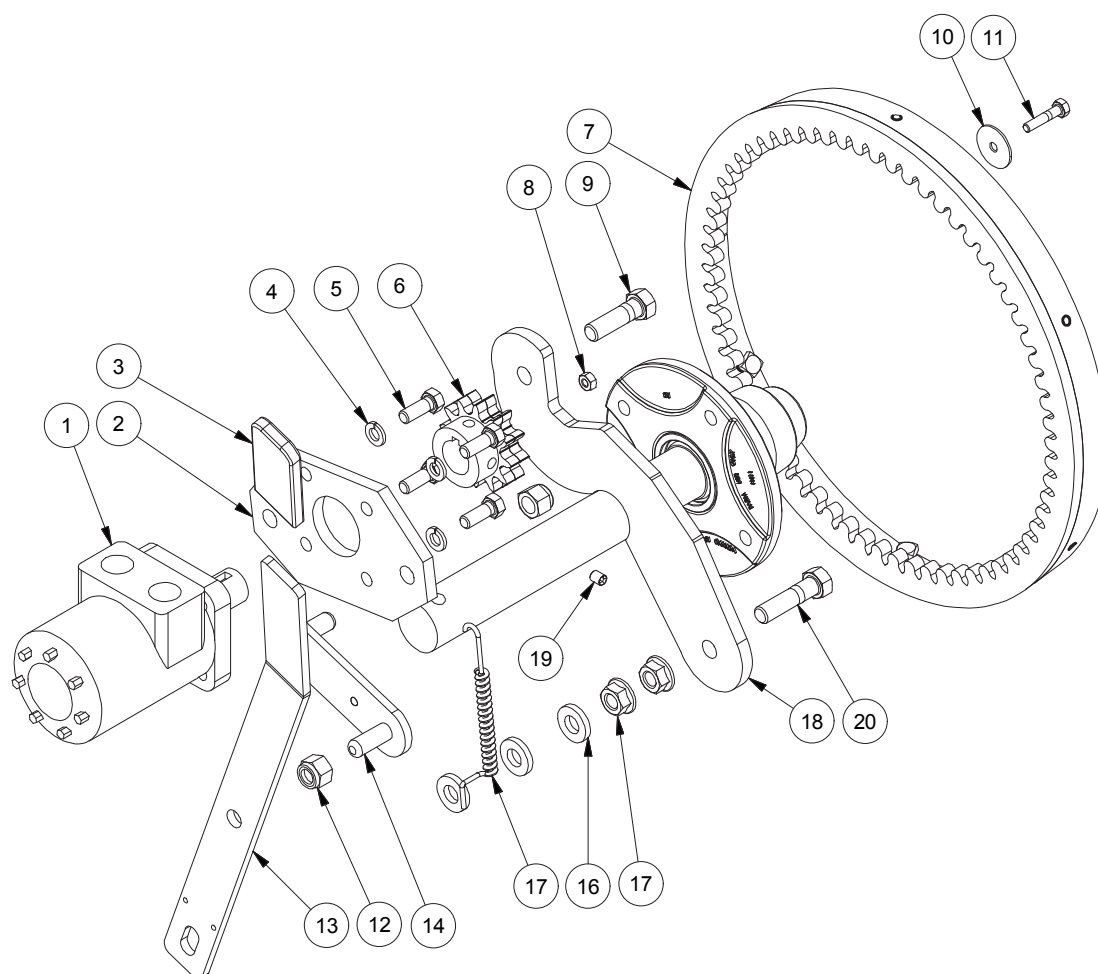


FRAME MOUNT MOVER

REF #	PART #	QUANTITY	DESCRIPTION
1	13-0702-04020	1	Hex Cap Screw 1/4 x 1-1/4-20
2	13-0735-10004	1	1/4 " Flat Washer - Fender
3	13-0702-08028	1	Hex Cap Screw - 1/2-13 UNC - 1.75
4	13000042187-00	1	Gear c/w Set Screws - Wheel
5	13000042192-00	1	Gear
6	13-0742-05006	1	Socket Set Screw 5/16 x 3/8-18
7	13-0702-06016	4	Hex Cap Screw - 3/8-16 UNC - 1
8	13-0734-00006	4	Spring Lock Washer - 3/8
9	13000042196-00	1	Grip - Handle - 1.63" x 4"
10	13000042191-00	1	Plate - Mount - Motor
11	13000042194-00	1	Motor
12	13-0725-00004	1	Hex Nut 1/4-20
13	13-0702-08032	1	Hex Cap Screw - 1/2-13 UNC - 2
14	13000043071-00	1	Plate Weld On c/w Hub & Spindle LH
15	13-0731-00008	2	Flange Lock Nut 1/2-13
16	13-0736-00008	3	Washer SAE - 1/2
17	13000042195-00	1	Spring
18	13000042189-00	1	Link
19	13-0729-00008	3	Nylock Nut - 1/2 Std NC
20	13000042188-00	1	Bar

PARTS

DRIVE MOTOR - RH

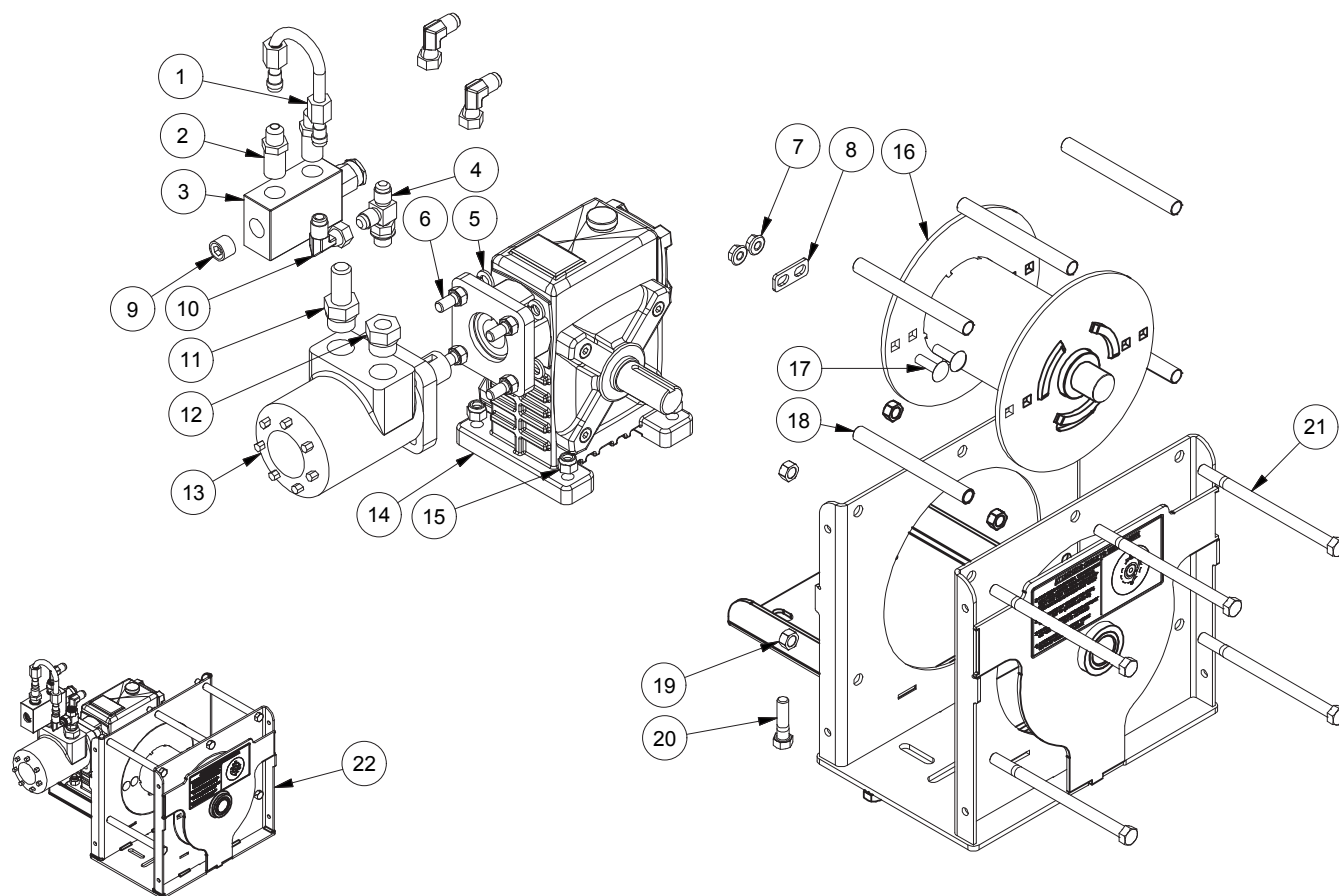


FRAME MOUNT MOVER

REF #	PART #	QUANTITY	DESCRIPTION
1	13000042194-00	1	Motor
2	13000042191-00	1	Plate - Mount - Motor
3	13000042196-00	1	Grip - Handle - 1.63" x 4"
4	13-0734-00006	4	Spring Lock Washer - 3/8
5	13-0702-06016	4	Hex Cap Screw - 3/8-16 UNC - 1
6	13000042192-00	1	Gear
7	13000042187-00	1	Gear c/w Set Screws - Wheel
8	13-0725-00004	1	Hex Nut 1/4-20
9	13-0702-08028	1	Hex Cap Screw - 1/2-13 UNC - 1.75
10	13-0735-10004	1	1/4 " Flat Washer - Fender
11	13-0702-04020	1	Hex Cap Screw 1/4 x 1-1/4-20
12	13-0729-00008	3	Nylock Nut - 1/2 Std NC
13	13000042188-00	1	Bar
14	13000042189-00	1	Link
15	13000042195-00	1	Spring
16	13-0736-00008	3	Washer SAE - 1/2
17	13-0731-00008	2	Flange Lock Nut 1/2-13
18	13000043070-00	1	Plate Weld On c/w Hub & Spindle RH
19	13-0742-05006	1	Socket Set Screw 5/16 x 3/8-18
20	13-0702-08032	1	Hex Cap Screw - 1/2-13 UNC - 2

PARTS

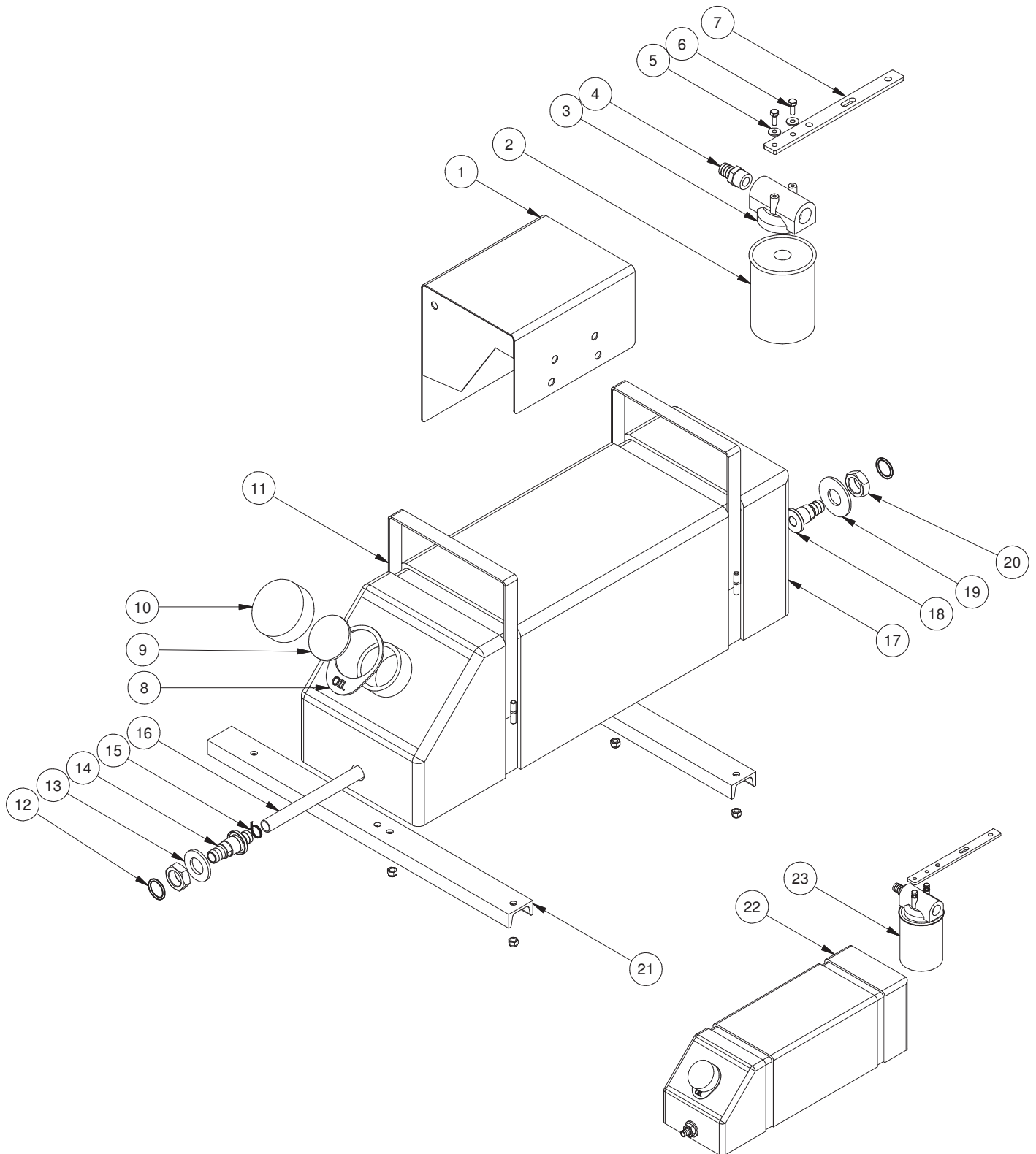
HYDRAULIC WINCH



FRAME MOUNT MOVER

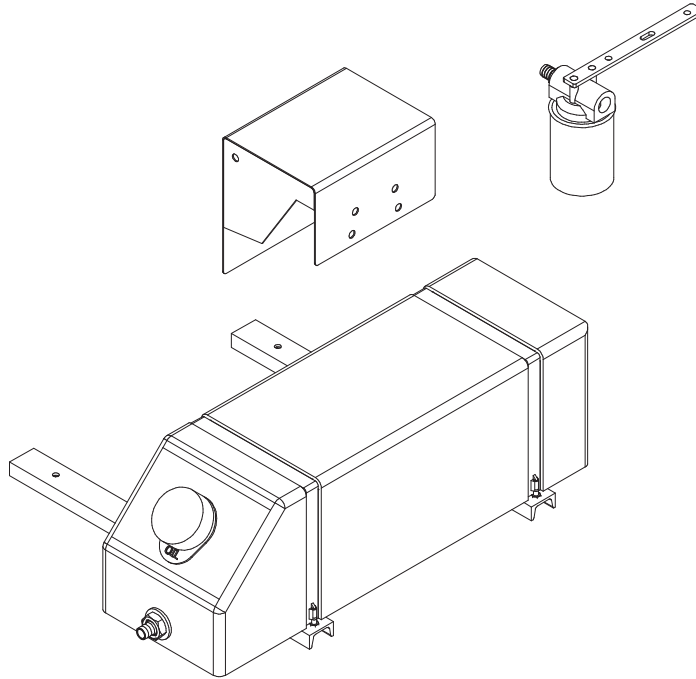
REF #	PART #	QUANTITY	DESCRIPTION
1	13000042586-00	1	Hard Line 3/8" Bypass
2	13000042582-00	2	Hyd. Fit - 6MJ-6MP w/o Inner Set Screw Restrictor
3	13000042134-00	1	Lift Bypass Valve
4	13000042584-01	1	Hyd Fitting Tee - 6MB-6MJ-6MJ w/o Inner Set Screw
5	13-0734-00006	4	Spring Lock Washer - 3/8
6	13-0702-06012	4	Hex Cap Screw - 3/8-16 UNC - 0.75
7	13-0731-00005	2	Flange Nut - 5/16-18 UNC
8	13000004250-00	1	Cable Tee
9	13000042139-00	1	6MP - Plug
10	13000042583-00	3	Hydraulic Fitting Elbow - 6MJ-6FJX90
11	13000042580-00	1	Hydraulic Fitting - 10MB-6MP
12	13000042581-00	1	Hydraulic Fitting - 10MB-6FB
13	13000042244-00	1	Motor - 4.5 C.I.
14	13000003969-00	1	Gear Reducer 1:20
15	13-0729-00006	4	Nylock Nut - 3/8 Std NC
16	13000004249-00	1	Cable Drum
17	13-0709-05016	2	Carriage Bolt - 5/16-18 UNC - 1
18	13000004251-00	5	Spacer
19	13-0730-00006	5	Stover Nut - 3/8-16
20	13-0702-06024	4	Hex Cap Screw - 3/8-16 UNC - 1.5
21	13-0702-06096	5	Hex Cap Screw - 3/8-16 UNC - 6
22	13000043115-00	1	Winch 20:1

PUMP TANK AND FILTER



PARTS

PUMP TANK AND FILTER



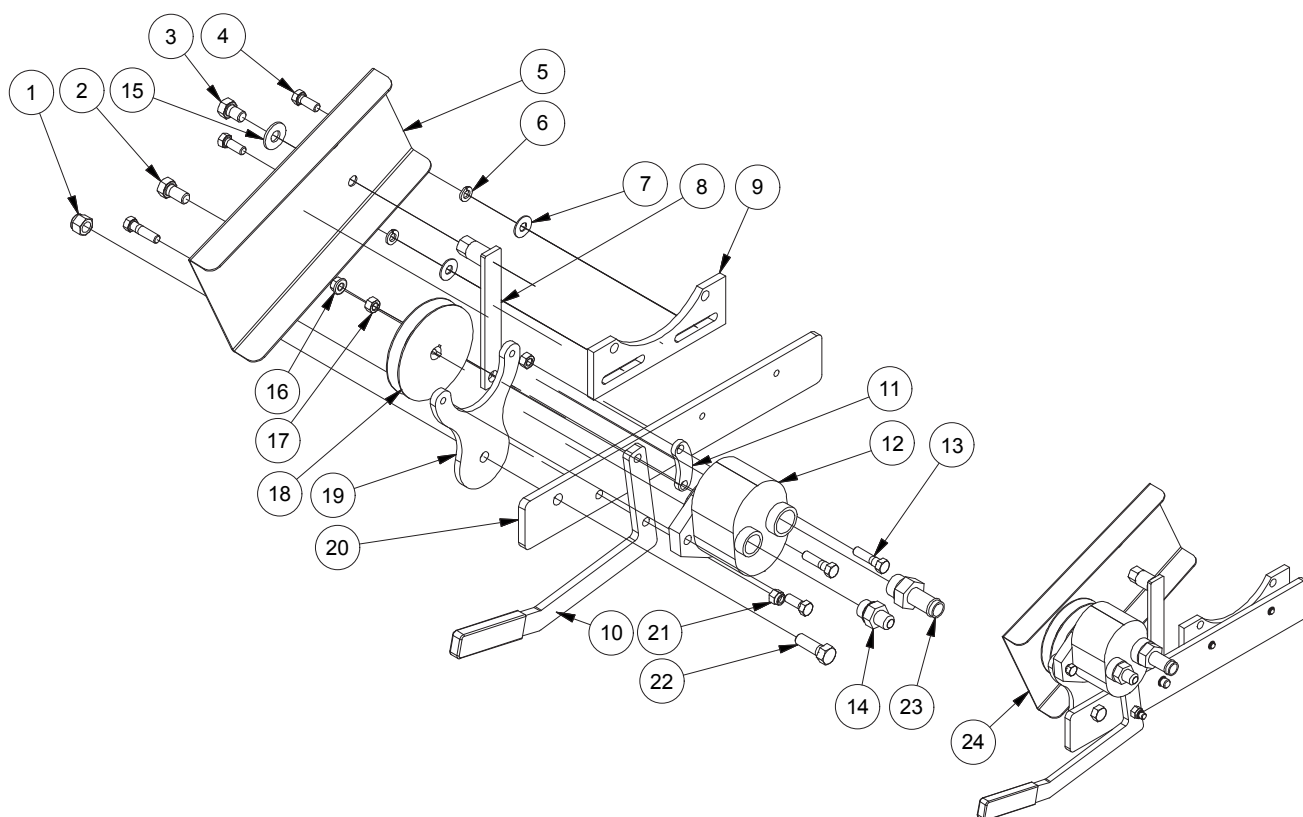
FRAME MOUNT MOVER			
REF #	PART #	QUANTITY	DESCRIPTION
1	13000042159-00	1	Guard - Engine
2	13000042174-00	1	Micron 10
3	13000042173-00	1	Head - Filter
4	13000042176-00	1	Fitting - Hydraulic - (12MP-3/4") Barb
5	13-0735-00004	2	Plain Washer - 1/4
6	13-0702-04012	2	Hex Cap Screw - 1/4-20 UNC - 0.75
7	13000043095-00	1	Mount - Filter
8	13000042183-00	1	Tag
9	13000042165-02	1	Cap Insert
10	13000042178-00	1	Cap
11	13000042177-00	2	Tank Clamp
12	13000043243-00	2	O-Ring 1 1/16" ID x 1/8"
13	13-0736-00016	1	Washer - 1"
14	13000042179-01	1	Barb Double - Fitting
15	13000042590-00	1	Clamp - Hose - 3/8"
16	13000042179-02	1	Return Hose
17	13000042165-01	1	Tank
18	13000042180-00	1	Barb - Tank Oil
19	13-0735-00016	1	Plain Washer - 1"
20	13-0733-00016	2	Hex Nuts - 1-14 UNF
21	13000042175-00	2	Tank Mount Bracket
22	13000042165-00	1	Kit - Tank Complete
23	13000042171-00	1	Kit - Filter Complete

C10

13000043247-20-00

PARTS

PUMP - BIG BLOCK

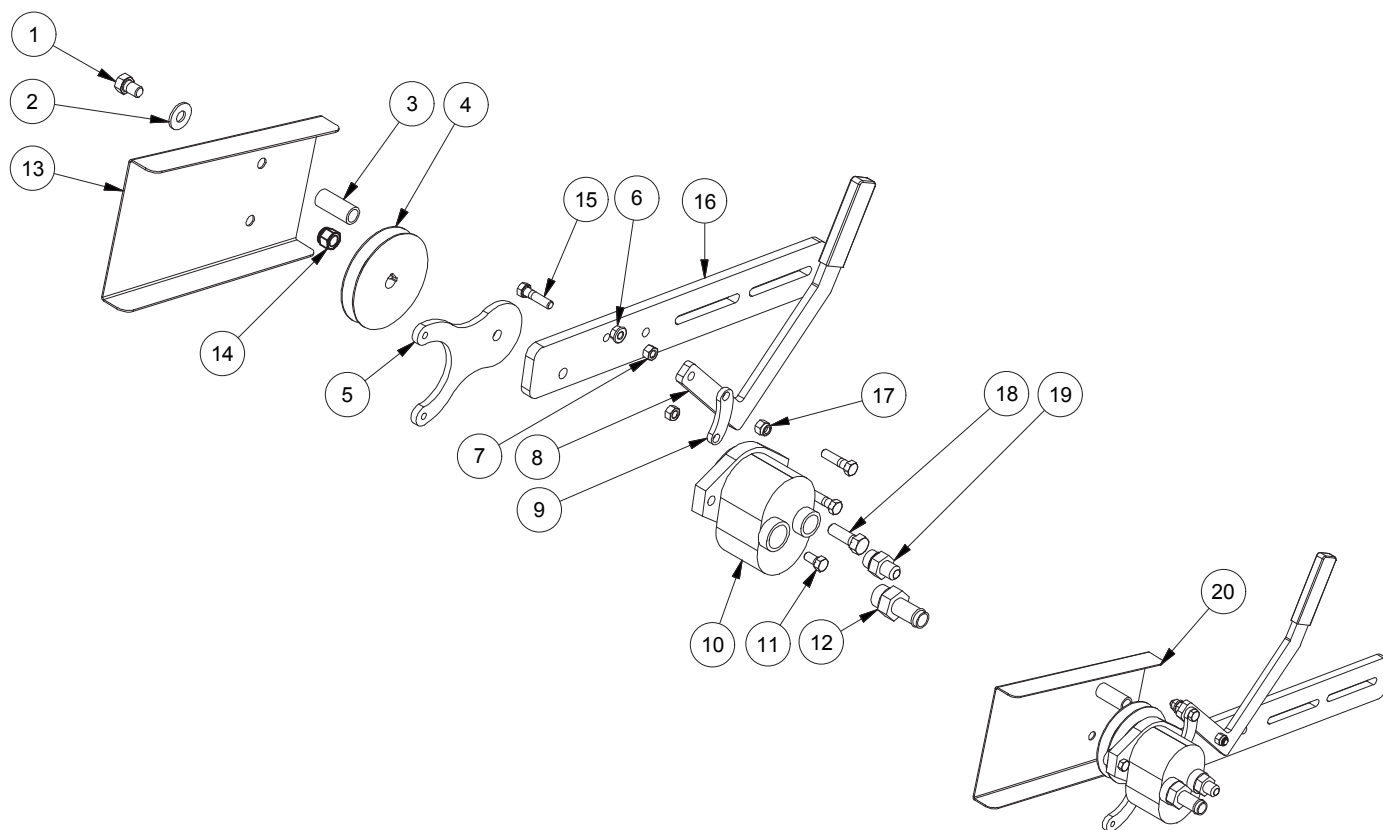


FRAME MOUNT MOVER

REF #	PART #	QUANTITY	DESCRIPTION
1	13-0729-00008	1	Nylon Locknut 1/2 - 13
2	13-0702-08016	1	Hex Cap Screw 1/2 x 1 - 13
3	13-0702-08012	1	Hex Cap Screw 1/2 x 3/4 - 13
4	13-0702-06016	3	Hex Cap Screw 3/8 x 1 - 16
5	13000042155-00	1	Guard - Belt
6	13-0734-00006	2	Spring Lock Washer 3/8
7	13-0735-00006	2	Flat Washer 3/8
8	13000042146-00	1	Mount - Guard
9	13000042145-00	1	Bar - Adjusting
10	13000042489-00	1	Handle - Over Center - Pump
11	13000042151-00	1	Link - Over Center
12	13000042400-00	1	Pump
13	13-0702-06024	3	Hex Cap Screw 3/8 x 1-1/2 - 16
14	13000042150-00	1	Fitting - Hydraulic (10MB - 8MJ)
15	13-0735-00008	1	Flat Washer 1/2
16	13-0731-00006	1	Flange Lock Nut 3/8 - 16
17	13-0725-00006	2	Hex Nut 3/8 - 16
18	13000042158-00	1	Pulley
19	13000042152-00	1	Yoke - Pump
20	13000042144-00	1	Bar - Pump - Big Block
21	13-0729-00006	1	Nylon Locknut 3/8 - 16
22	13-0702-08024	1	Hex Cap Screw 1/2 x 1-1/2 - 13
23	13000042418-00	1	Fitting - Hydraulic 12MB-12HB
24	13000042707-00	-	Complete Pump - Big Block Assembly

PARTS

PUMP - SMALL BLOCK

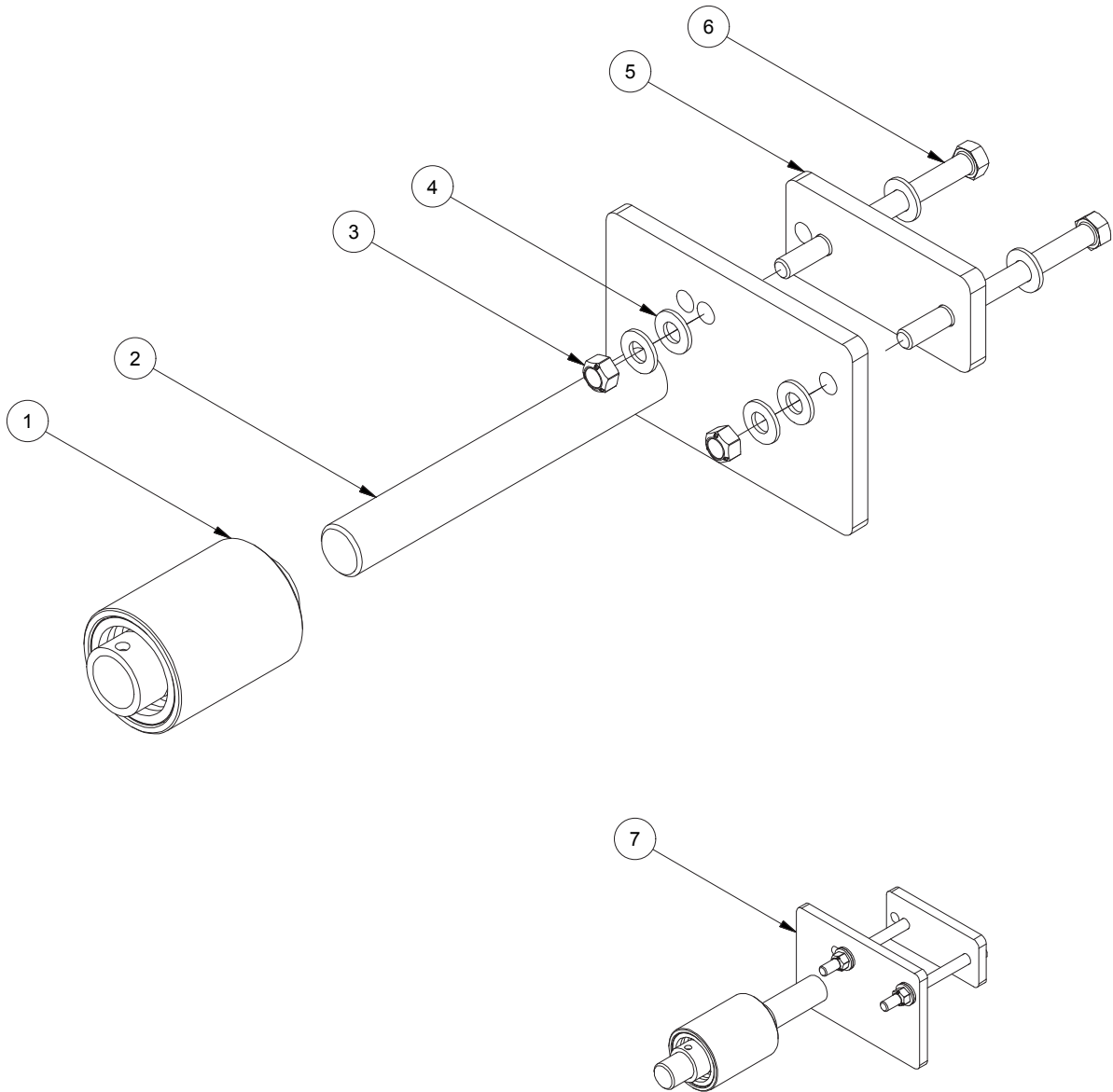


FRAME MOUNT MOVER

REF #	PART #	QUANTITY	DESCRIPTION
1	13-0702-08012	1	Hex Cap Screw 1/2 x 3/4 - 13
2	13-0735-00008	1	Flat Washer 1/2
3	13000042156-00	1	Pipe - Spacer
4	13000042158-00	1	Pulley
5	13000042152-00	1	Yoke - Pump
6	13-0731-00006	1	Flange Lock Nut 3/8 - 16
7	13-0725-00006	2	Hex Nut 3/8 - 16
8	13000042489-00	1	Handle - Over Center - Pump
9	13000042151-00	1	Link - Over Center
10	13000042400-00	1	Pump
11	13-0702-06012	1	Hex Cap Screw 3/8 x 3/4 - 16
12	13000042418-00	1	Fitting - Hydraulic 12MB-12HB
13	13000042155-00	1	Guard - Belt
14	13-0729-00008	1	Nylon Locknut 1/2 - 13
15	13-0702-06024	3	Hex Cap Screw 3/8 x 1-1/2 - 16
16	13000042143-00	1	Bar - Pump - 18"
17	13-0729-00006	1	Nylon Locknut 3/8 - 16
18	13-0702-08024	1	Hex Cap Screw 1/2 x 1-1/2 - 13
19	13000042150-00	1	Fitting - Hydraulic (10MB - 8MJ)
20	13000042706-00	-	Complete Pump - Small Block Assembly

PARTS

BELT IDLER



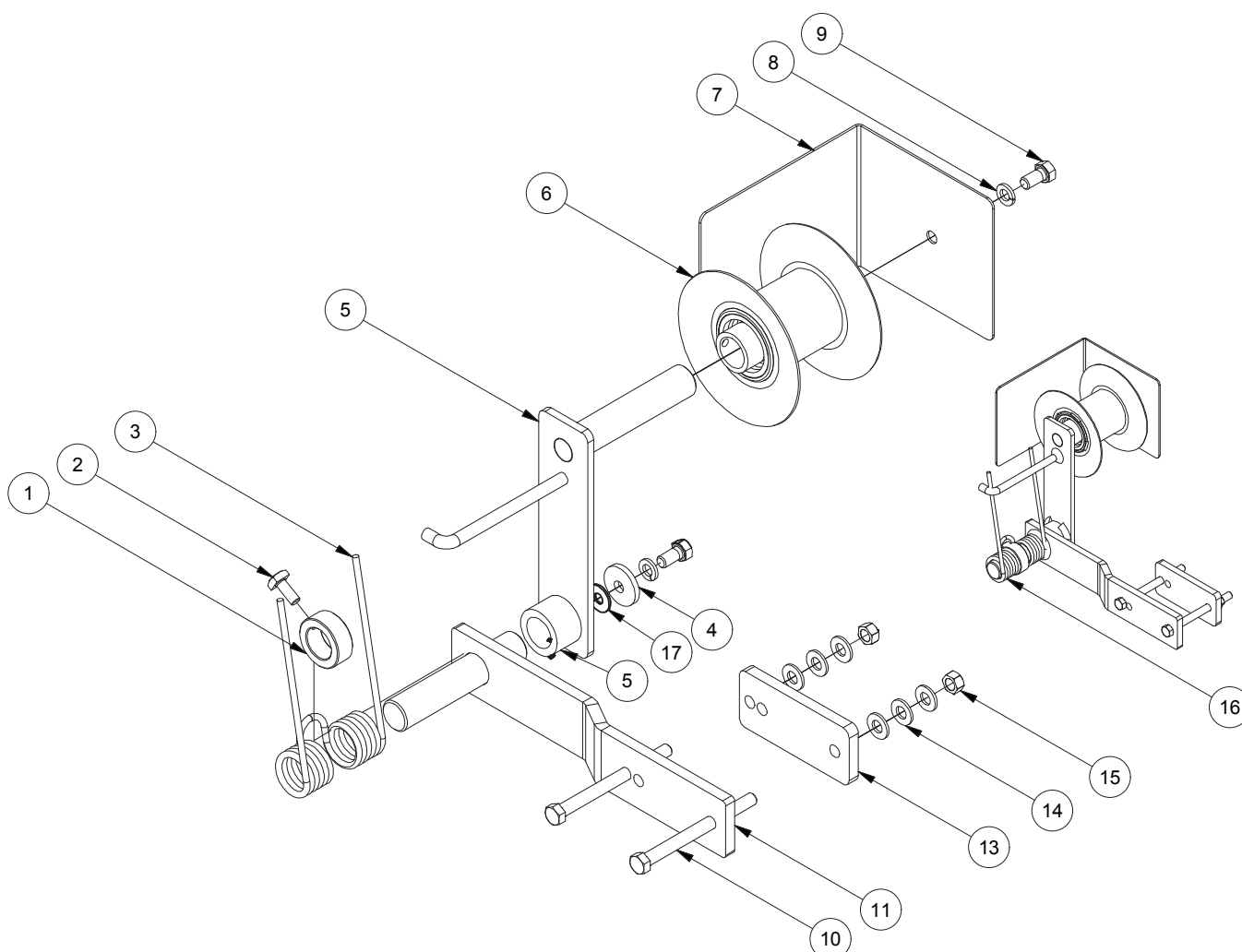
FRAME MOUNT MOVER			
REF #	PART #	QUANTITY	DESCRIPTION
1	13000042313-00	1	Roller Idler
2	13000042554-00	1	Mount
3	13-0730-00006	2	Stover Nut - 3/8-16
4	13-0736-00006	6	Washer - 3/8
5	13000042308-00	1	Plate
6	13-0702-06072	2	Hex Cap Screw - 3/8-16 UNC - 4.5
7	13000042052-00	1	Complete Belt Idler

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13000043247-23-00

PARTS

BELT TENSIONER (OPTIONAL)

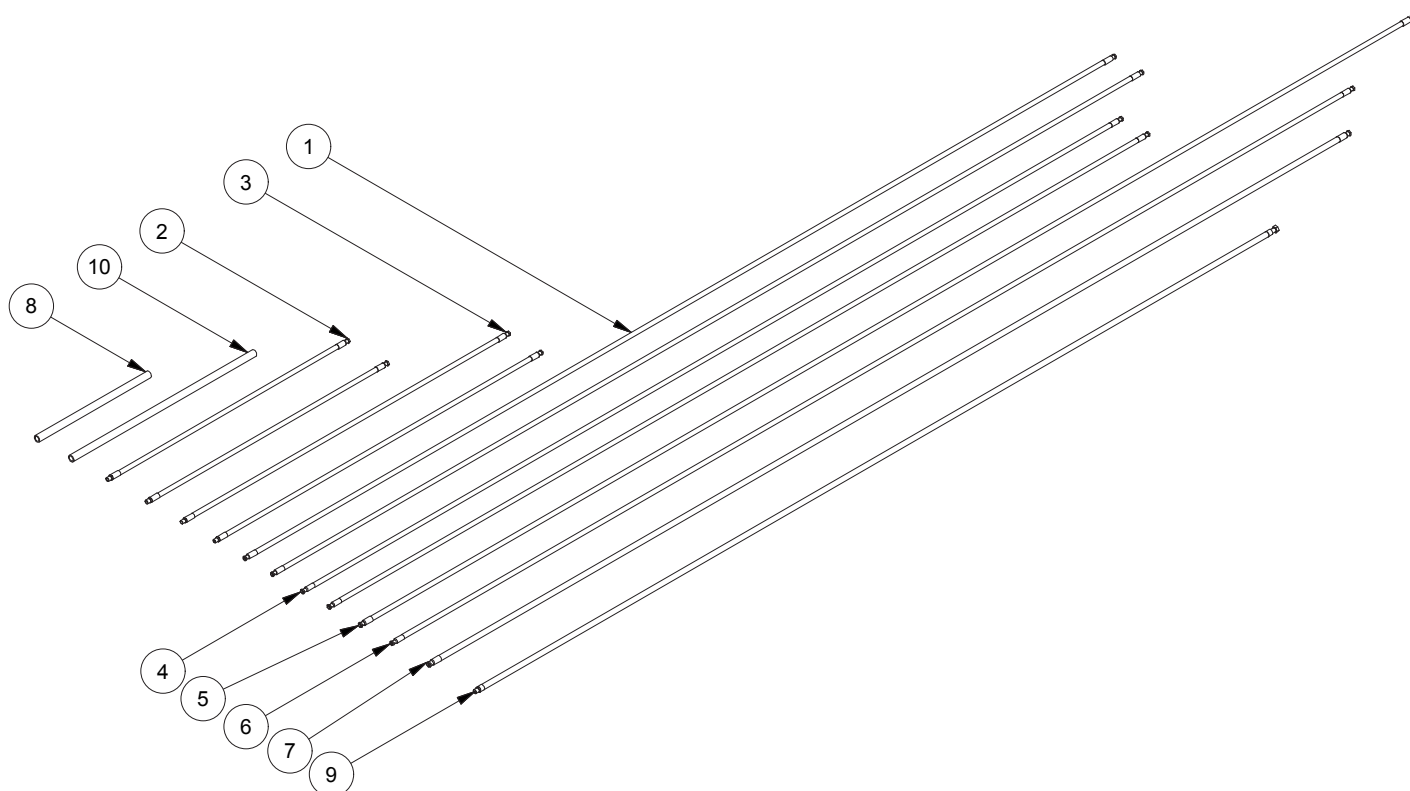


FRAME MOUNT MOVER

REF #	PART #	QUANTITY	DESCRIPTION
1	13000042123-00	1	Collar w/o Set Screw & Nut
2	13-0743-05012	1	Unified Standard Square Bolts
3	13000042310-00	1	Harrow Spring
4	13000042868-00	1	Washer Concave
5	13000042306-00	1	Bar Pivot
6	13000042305-00	1	Idler w/ Bearing
7	13000042309-00	1	Guard
8	13-0734-00006	2	Lock Washer - 3/8
9	13-0702-06012	2	Hex Cap Screw - 3/8-16 UNC - 0.75
10	13-0702-06072	2	Hex Cap Screw - 3/8-16 UNC - 4.5
11	13000042307-00	1	Bar Mount
12	13-0741-00641	1	Grease fitting, 1/16" NPT, Straight
13	13000042308-00	1	Plate
14	13-0736-00006	6	Washer - 3/8
15	13-0730-00006	2	Stover Nut - 3/8-16
16	13000042051-00	1	Complete Belt Tensioner
17	13-0735-00005	1	Plain Washer (Inch)Type A and B

PARTS

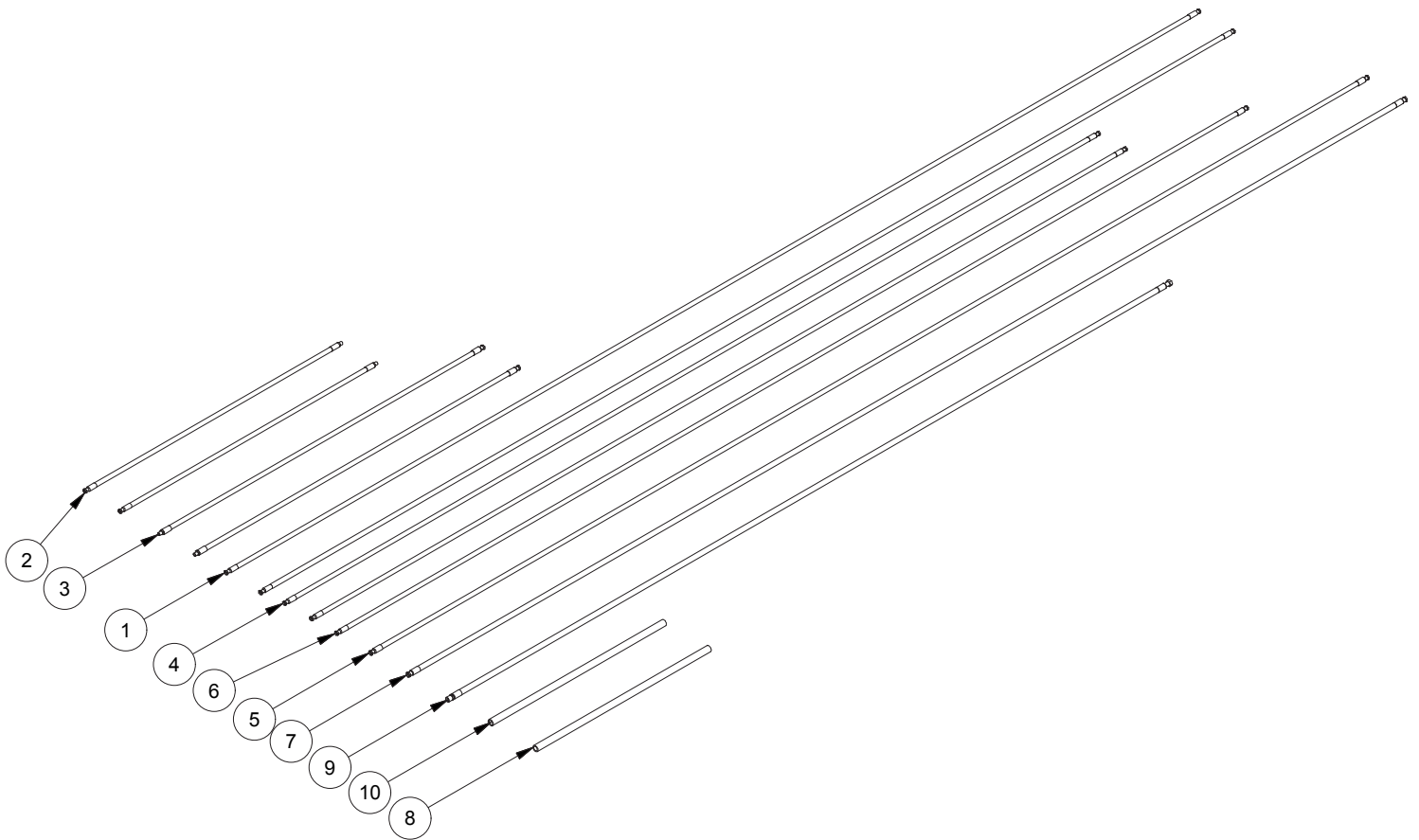
HOSE KIT - 33 & 39 FT



FRAME MOUNT MOVER				
REF #	PART #	QUANTITY	DESCRIPTION	HOSE #
1	13000043044-00	2	3/8 x 170" Hydraulic Hose c/w 6FJ - 6FJ	1, 2
2	13000042996-00	2	Hydraulic Hose - 3/8" x 46" c/w 6MB x 6FJ	3, 4
3	13000042997-00	2	Hydraulic Hose - 3/8" x 63" c/w 6MB x 6FJ	5, 6
4	13000043045-00	2	3/8" x 160" Hydraulic Hose c/w 6FJ - 6 FJ	7, 8
5	13000043040-00	1	Hydraulic Hose - 3/8" x 206" c/w 6FJ x 6FJ	9
6	13000043047-00	1	3/8" x 188" Hydraulic Hose c/w 6FJ - 6FJ	10
7	13000043048-00	1	1/2" x 180" Hydraulic Hose c/w 8FJ - 8FJ	11
8	13000043015-00	1	Hydraulic Hose - 3/4 x 22"	12
9	13000043049-00	1	1/2" x 156" Hydraulic Hose c/w 8FJ - 8MP	13
10	13000043006-00	1	Hydraulic Hose - 3/4" x 36"	15

PARTS

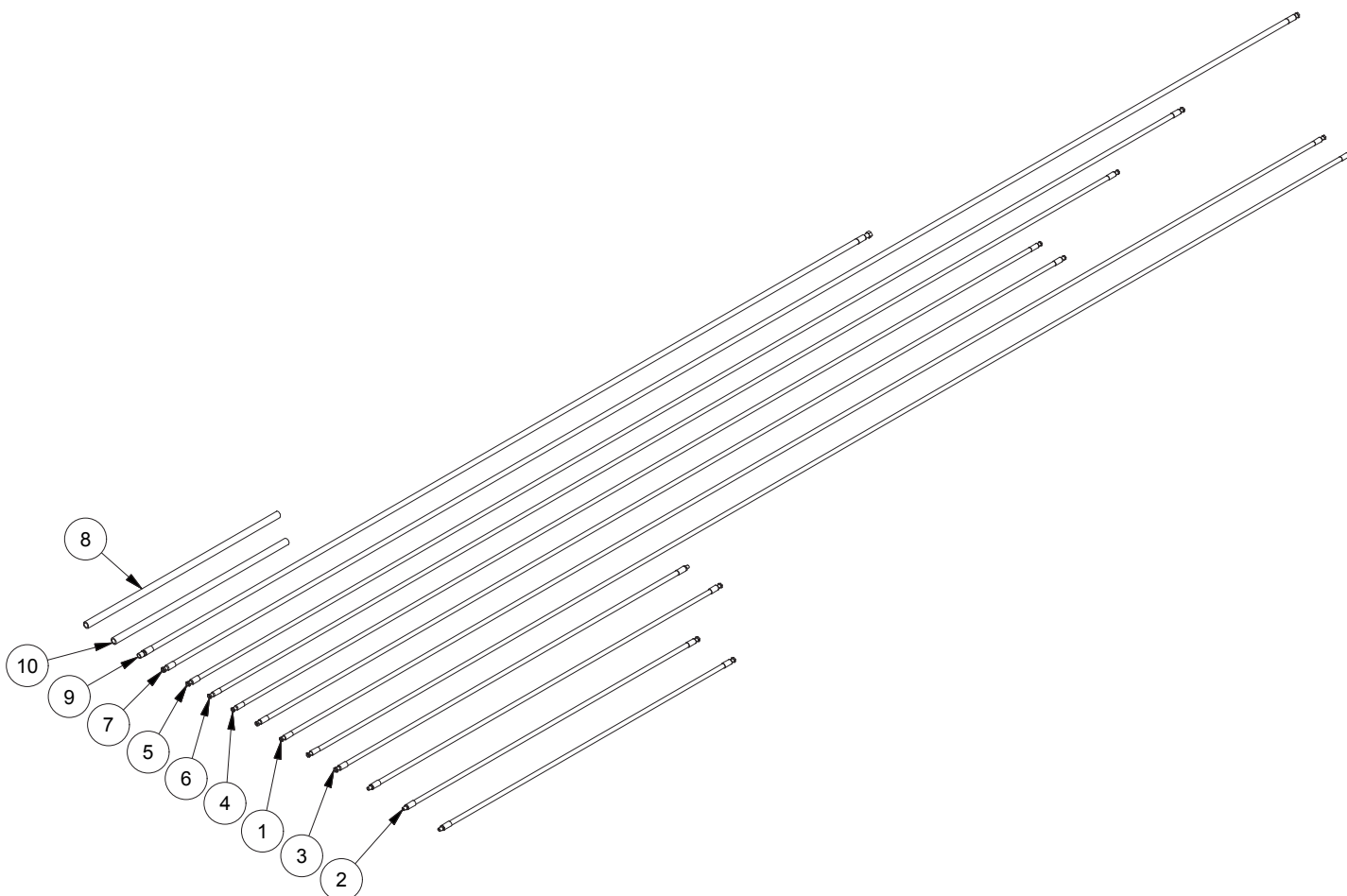
HOSE KIT - 46 FT



FRAME MOUNT MOVER				
REF #	PART #	QUANTITY	DESCRIPTION	HOSE#
1	13000043050-00	2	3/8" x 201" Hydraulic Hose c/w 6FJ - 6FJ	1, 2
2	13000043016-00	2	Hydraulic Hose - 3/8" x 52" c/w 6 MB x 6 FJ	3, 4
3	13000043017-00	2	Hydraulic Hose - 3/8" x 66" c/w 6MB - 6FJ	5, 6
4	13000043052-00	2	3/8" x 168" Hydraulic Hose c/w 6FJ - 6FJ	7, 8
5	13000043040-00	1	Hydraulic Hose - 3/8" x 206" c/w 6FJ x 6FJ	9
6	13000043047-00	1	3/8" x 188" Hydraulic Hose c/w 6FJ - 6FJ	10
7	13000043053-00	1	1/2" x 206" Hydraulic Hose c/w 8FJ - 8FJ	11
8	13000043026-00	1	Hydraulic Hose 3/4" x 27"	12
9	13000043054-00	1	1/2" x 148" Hydraulic Hose c/w 8FJ - 8MP	13
10	13000043006-00	1	Hydraulic Hose - 3/4" x 36"	15

PARTS

HOSE KIT - 53 & 59 FT



FRAME MOUNT MOVER				
REF #	PART #	QUANTITY	DESCRIPTION	HOSE #
1	13000043055-00	2	3/8" x 216" Hydraulic Hose c/w 6FJ - 6FJ	1, 2
2	13000043027-00	2	Hydraulic Hose - 3/8" x 60" c/w 6MB x 6FJ	3, 4
3	13000043028-00	2	Hydraulic Hose - 3/8" x 72" c/w 6MB x 6FJ	5, 6
4	13000043057-00	2	3/8" x 167" Hydraulic Hose c/w 6FJ - 6FJ	7, 8
5	13000043040-00	1	Hydraulic Hose - 3/8" x 206" c/w 6FJ x 6FJ	9
6	13000043047-00	1	3/8" x 188" Hydraulic Hose c/w 6FJ - 6FJ	10
7	13000043058-00	1	1/2" x 235" Hydraulic Hose c/w 8FJ - 8FJ	11
8	13000043034-00	1	Hydraulic Hose 3/4" x 40"	12
9	13000043059-00	1	1/2" x 150" Hydraulic Hose c/w 8FJ - 8MP	13
10	13000043006-00	1	Hydraulic Hose - 3/4" x 36"	15

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13000043247-27-01

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130000042192-00	C6	5	13000042155-00	C11	5	13000042418-00
13000004249-00	C8	16	13000042155-00	C12	13	13000042418-00
13000004250-00	C8	8	13000042156-00	C12	3	13000042460-00
13000004251-00	C8	18	13000042158-00	C11	18	13000042489-00
13000004660-00	C4	22	13000042158-00	C12	4	13000042489-00
13000042046-00	C5	16	13000042159-00	C10	1	13000042554-00
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13000042108-00	C2	18	13000042178-00	C10	10	13000042618-00
13000042110-00	C2	21	13000042179-01	C10	14	13000042619-00
13000042114-00	C2	22	13000042179-02	C10	16	13000042703-00
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13000042135-00	C5	15	13000042191-00	C6	10	13000043016-00
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13000042137-00	C5	8	13000042194-00	C7	1	13000043026-00
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13000043058-00	C17	6	13-0702-06096	C8	21	13-0731-00008	C6	15
13000043059-00	C17	3	13-0702-08012	C11	3	13-0733-00006	C10	20
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13000043084-00	C4	11	13-0702-08028	C6	3	13-0735-00004	C10	5
13000043088-00	C4	2	13-0702-08032	C7	20	13-0735-00006	C4	1
13000043092-00	C4	13	13-0702-08032	C6	13	13-0735-00006	C11	7
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Limited Warranty Statement

1. Meridian Manufacturing Inc warrants each new Meridian Manufacturing Inc product (the "Goods") to be free from defects in material and workmanship under normal use and service for a period of two (2) years or ninety (90) days in the case of commercial use, from the shipment date from the Meridian dealer (FCA).
2. Meridian warrants replacement parts and components either manufactured or sold by, will be free from defects in materials or workmanship under normal use and service for thirty (30) days from the shipment date from the Meridian dealer (FCA), or the remainder of the original warranty period on the Goods, whichever is longer.
3. This warranty does not apply to:
 - a) to any merchandise or components thereof, which in the sole and unfettered opinion of Meridian, have been subject to misuse, unauthorized modifications, alteration, accident, negligence, product abuse or lack of required maintenance.
 - b) if repairs have been made with parts or by persons other than those parts or persons approved by Meridian.
 - c) to parts and accessories not manufactured by Meridian including, but not limited to, engines, batteries, tires, belts, PTO shafts or other trade accessories. Such parts shall be covered by the warranty given by the actual manufacturer, if any.
 - d) to failure of parts; or failure of parts to perform due to wear under normal or excessive service conditions; or to failure due to use by the Purchaser for purposes other than originally intended at time of manufacture, including without limitation using the Goods for mixing fertilizer, etc.; or used in excess of the built specifications.
 - e) to Goods used in areas exposed to corrosive or aggressive conditions including, but not limited to, salt water from either inside or outside the Goods.
 - f) to failures or defects arising out of damage during shipment or during storage.
 - g) to materials replaced or repaired under this warranty, except to the extent of the remainder of the applicable warranty.
4. The obligation of Meridian under this warranty shall not arise unless Meridian is notified and this warranty is presented together with a written statement specifying the claim or defect within thirty (30) days after the failure is first detected or made known to the Purchaser and within: (i) two (2) years, or ninety (90) days in the case of commercial use; or (ii) thirty (30) days in the case of replacement parts and components manufactured by Meridian; from the shipment date from the Meridian dealer (FCA). Meridian in its sole and unfettered discretion shall determine if the claim is valid and whether correction of the defect or failure shall be made by repair or replacement of the materials.
5. Title to any replaced materials Meridian wishes to have pass to it, shall pass to Meridian.
6. The obligation of Meridian hereunder extends only to the original Purchaser or Buyer to whom the Goods were initially sold. This warranty shall not be subject to any assignment or transfer without the written consent of Meridian.
7. The purchaser acknowledges that it has made its own independent decision to approve the use of the Goods and also the specific fabrication and construction procedures utilized to complete the Goods, and has satisfied itself as to the suitability of these products for its use.

WARRANTY

8. This warranty is subject to the following limitations, provisions and conditions:

- a) Meridian shall have no liability hereunder for any claims, including field re-work.
 - b) Meridian shall not be liable for any incidental loss or damage, however caused, including, without limitation, normal wear and tear.
 - c) Meridian makes no express or implied warranties of any nature whatsoever except for such express warranties as set out herein. The warranty provided herein is in lieu of and excludes all other warranties, guarantees or conditions pertaining to the Goods, written or oral, statutory, express or implied, (except the warranty as to title) including any warranty as to the merchantability or fitness for any particular purpose. Meridian expressly disclaims all other representations, conditions or warranties, expressed or implied, statutory or otherwise and any representations, warranties or conditions that may arise from a course of dealing or usage of trade. The warranty provided herein shall constitute Meridian's sole obligation and liability and the Purchaser's sole remedy for breach of warranty. No other warranty has been made by any employee, agent, or representative of Meridian and any statements contained in any other printed material of Meridian is expressly excluded herefrom. Meridian shall not be responsible for any warranty offered by the Purchaser to its customers with respect to the Goods and the Purchaser shall indemnify Meridian with respect to same if any of those customers makes a claim against Meridian relating to any such warranty.
 - d) Subject to Meridian's obligations contained in paragraphs 1 and 2 herein, none of Meridian, its officers, directors, servants or agents shall be liable, or responsible for any loss or damage (including strict liability and liability for loss or damage due to items which the manufacturing processes are designed to identify) whether such loss or damage is caused by negligence in any manner whatsoever (including gross negligence, error, misrepresentation, misstatement, imprudence, lack of skill or lack of judgement).
9. The sole financial obligation of Meridian under this warranty shall be limited to the repair or replacement of the Goods as originally supplied and in no event shall they exceed the original cost of the Goods supplied.
10. Meridian shall not have any obligation under any warranty herein until all accounts have been paid in full by the Purchaser.
11. The construction and interpretation of this Warranty shall be governed by the laws of the Province of Saskatchewan.

Warranty Claim Procedure

1. Purchaser must register the Goods with Meridian.
2. Purchaser must contact the dealer where the unit was purchased from upon discovery of any defects.
3. A completed warranty claim form must be submitted by the dealer to Meridian's warranty representative for review and any subsequent course of action.
4. Warranty repair work will only be performed by Meridian or an approved representative of Meridian. No warranty work completed prior to approval by Meridian will be honored. Failure to follow procedure may affect any or all of this warranty.
5. Claims will be adjudicated at the sole discretion of Meridian and in accordance with the terms and conditions of the limited warranty.

MERIDIAN MANUFACTURING INC.

With over 65 years of experience,
Meridian is your storage and handling expert.



www.meridianmfg.com

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