

# FO51 BRACKET KIT

## MOUNTING INSTRUCTIONS FOR LOADER MODEL

### TA-160



READ THESE INSTRUCTIONS THOROUGHLY

**WESTENDORF MFG. CO. INC.**

ONAWA, IOWA 51040 PHONE (712) 423-2762

[www.westendorfmfg.com](http://www.westendorfmfg.com)



## Congratulations!

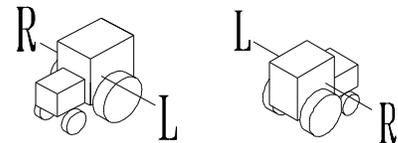
You have just purchased the finest front end loader on the market today. Before you begin mounting the brackets on your tractor, we would like you to be aware of a few things about your Westendorf loader and bracket design. Westendorf loaders and brackets are a universal design, made to fit many different brands, styles and models of tractors. A great advantage!

At Westendorf Manufacturing we try to cover everything pertaining to your tractor make and model. There are times when after-market accessories (items that we are not aware of) hinder the mounting of the loader. If you should run into problems and feel you need help, please contact your Westendorf dealer. If you still need help, please call on us. We will be glad to assist you in any way we can

## Before Proceeding, Review the Safety Precautions in the OPERATOR'S MANUAL!

### HOW TO LOOK AT THE ILLUSTRATIONS

When looking at the illustration in this instruction, right and left are determined as though the operator is sitting in the tractor and facing forward.



### LOADER ADJUSTMENT

- 1) Complete the bracket installation. (Adjust the front wrap on the loader, if called for.)
- 2) Mount and adjust the loader according to the "**First Time Loader Mounting Instructions**". Adjust the loader and brackets for a good fit and smooth operation. To avoid damage to the loader, ***make sure that ALL the pushing force is on the front wrap and not the cross tube.*** See "**Features of Custom Adjust**".

### TRACTOR WHEEL SETTINGS

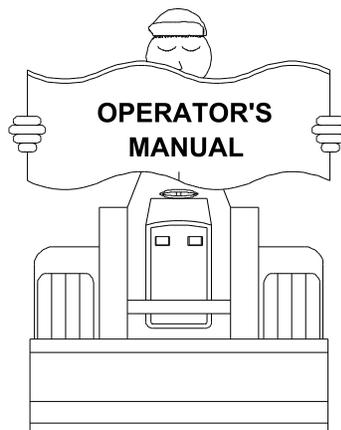
**FRONT WHEELS:** The front wheels must be set to clear the loader and brackets when the wheels are fully turned and oscillated. Set front wheels at N/A centers.

**REAR WHEELS:** We suggest moving the tractor's rear wheels to the widest setting available to increase stability.

### SAFETY

#### PRACTICE SAFETY FIRST

PERIODICALLY  
CHECK AND  
TIGHTEN ALL THE  
NUTS AND BOLTS.



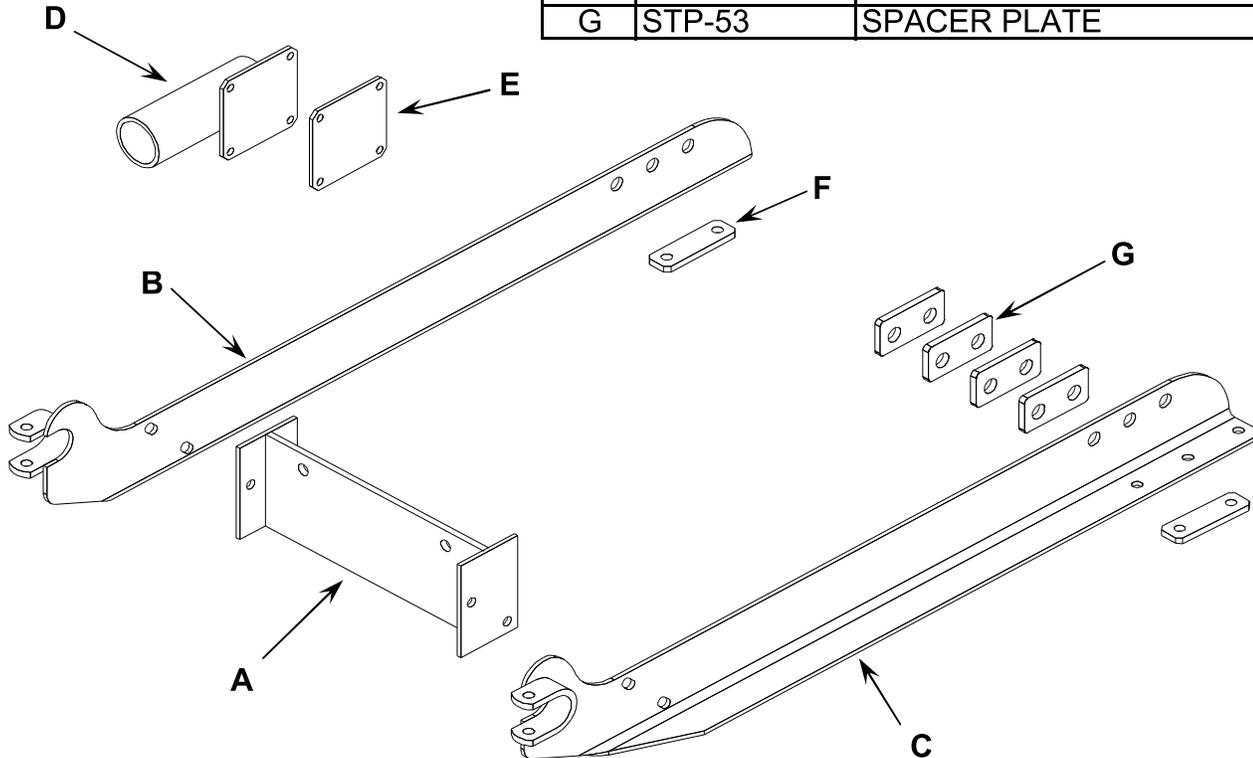
OPERATE ALL  
EQUIPMENT  
SAFELY.

# MOUNTING KIT : FO51

## PARTS LIST

DR. BY: JSY    DATE: 11/5/1998    RN: 2    DATE: 3/2/2018    BY: MLG    PAGE: 2 OF 8

REF.	PART NO.	DESCRIPTION	QTY.
A	7P601-01	FRONT PLATE	1
B	7P651-01	SADDLE (RIGHT)	1
C	7P651-02	SADDLE (LEFT)	1
D	VP-72-01	OPTIONAL VALVE STAND	1
E	VP-72-02	CLAMP PLATE	1
F	STP-46	CLAMP PLATE	2
G	STP-53	SPACER PLATE	4



HOSE PACKAGE	
Loader to valve	<b>HK-48</b> 4 - 3/8" X 48"
Valve to tractor	<b>HK-27</b> 2 - 3/8" X 108"

**KVJ-15 STANDARD**

**MOUNTING INSTRUCTIONS  
OWNERS MANUAL**

**MANIFOLD**

MANIFOLD BOX INCLUDED

**STANDARD EQUIPMENT NOT REQUIRED**

BOLT KIT: BFO51		
PART NO.	DESCRIPTION	QTY.
HHS061064	3/8" X 4" BOLT	4
HHS0813028	1/2" X 1 3/4" BOLT	4
HHS0813048	1/2" X 3" BOLT	4
HHS1011028	5/8" X 1 3/4" BOLT	2
HHS1211024	3/4" X 1 1/2" BOLT	2
HHS1210048	3/4" X 3" BOLT	2
MT-60	BENT PULL PIN	2
HAR05	HAIR PIN	2
LWM06	3/8" LOCK WASHER	4
HFN0616	3/8" NUT	4
LWM08	1/2" LOCK WASHER	8
FWW08	1/2" FLAT WASHER	4
HFN0813	1/2" NUT	8
LWM10	5/8" LOCK WASHER	2
LWM12	3/4" LOCKWASHER	4

# PARTS LIST BY LOADER MODEL

FO51

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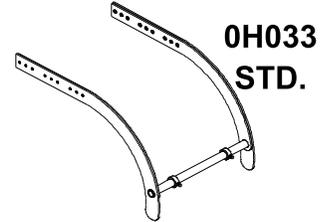
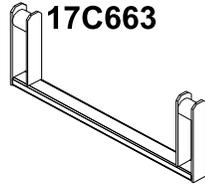
LOADER  
MODEL

ROLLER  
BRACKET

CROSS TUBE

FRONT WRAP  
MOUNTED ON LOADER

TA-160



## OPTIONAL DPK

NOTE: MUST USE POWER  
BEYOND VALVE

7DPK001			
LOCATION USED	QTY	PART #	DESCRIPTION
VALVE TO TRACTOR	1	VB-42	VALVE BLOCK
	2	OR-014	O-RING
	5	OR-016	3/4" O.D. O-RING
	1	OR-026	1 1/4" O.D. O-RING
	1	PF-POHH04	7/16" HOLLOW HEX PLUG
	1	PF-PO08	3/4"-16 HEX HEAD PLUG
	3	PF-ES0808	3/4-16 M. O-RING X 1/2 F. PIPE SWIVEL X 90°
	1	HHS0518048	5/16" X 3" BOLT
	1	HHS0714032	7/16" X 2" BOLT
	1	HHS0714036	7/16" X 2 1/4" BOLT
	2	HHS0714060	7/16" X 3 3/4" BOLT
	2	HHS0714076	7/16" X 4 3/4" BOLT

## OPTIONAL VALVE PACKAGE FOR POWER BEYOND KVJ-16

KVJ-16			
LOCATION USED	QTY	PART #	DESCRIPTION
LOADER TO MANIFOLD	1	HK-48	4 - 3/8" X 48"
VALVE TO TRACTOR	3	H06084-86	4 - 3/8" X 84"

# MOUNTING INSTRUCTIONS

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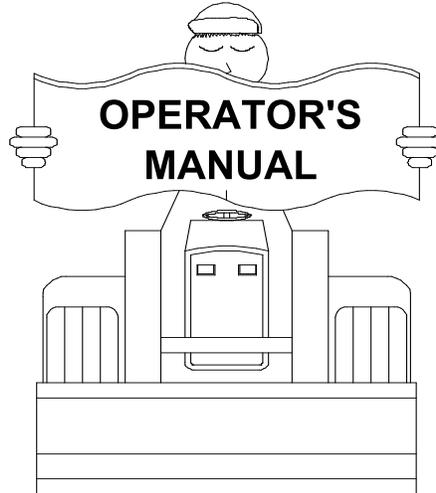
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## STEP: 1

### READ OPERATOR'S MANUAL

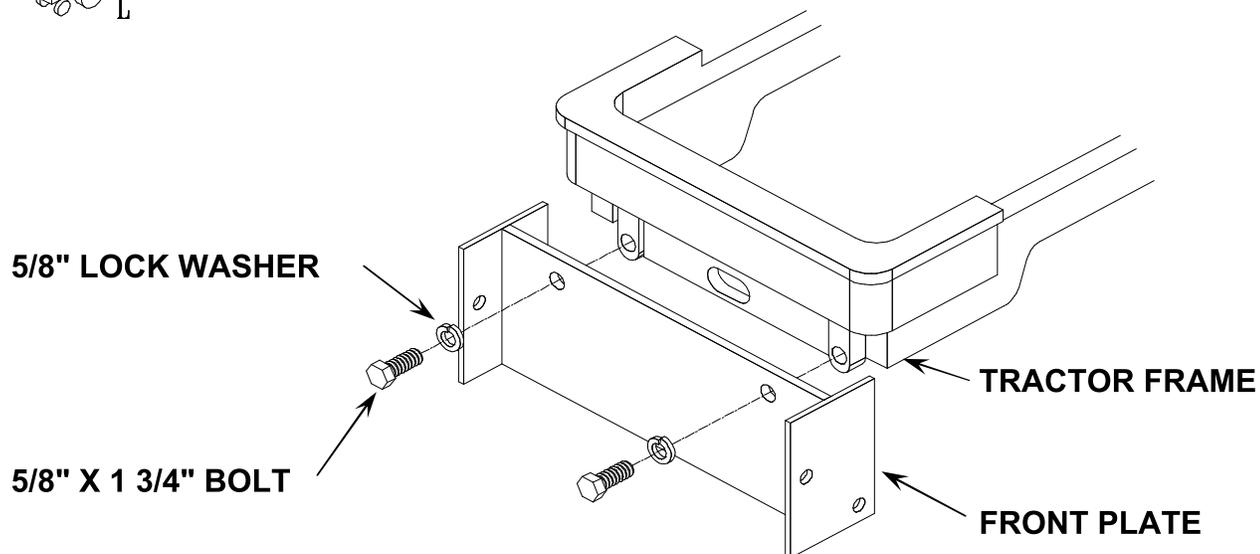
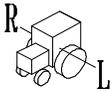


## STEP: 1

- A) Read through the "Operator's Manual" and "Mounting Instructions" before starting. The more familiar you are with the instructions and operation of the loader the easier it will be to attach the brackets and set up the loader.
- B) If you have trouble, check the Trouble Shooting section in the Operator's Manual.

## STEP: 2

### ATTACH FRONT PLATE



## STEP: 2 (illustration shows front of tractor)

- A) Attach the front plate to the front of the tractor frame, as shown, using two 5/8" X 1 3/4" bolts and lock washers provided.

# MOUNTING INSTRUCTIONS

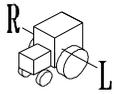
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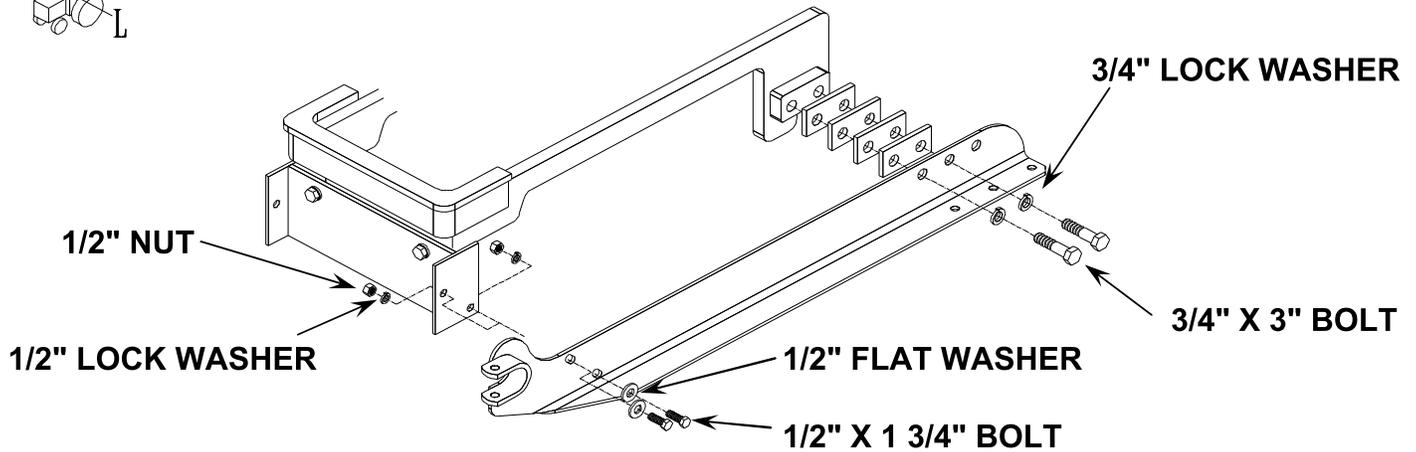
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## STEP: 3



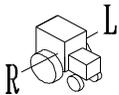
### ATTACH LEFT SADDLE



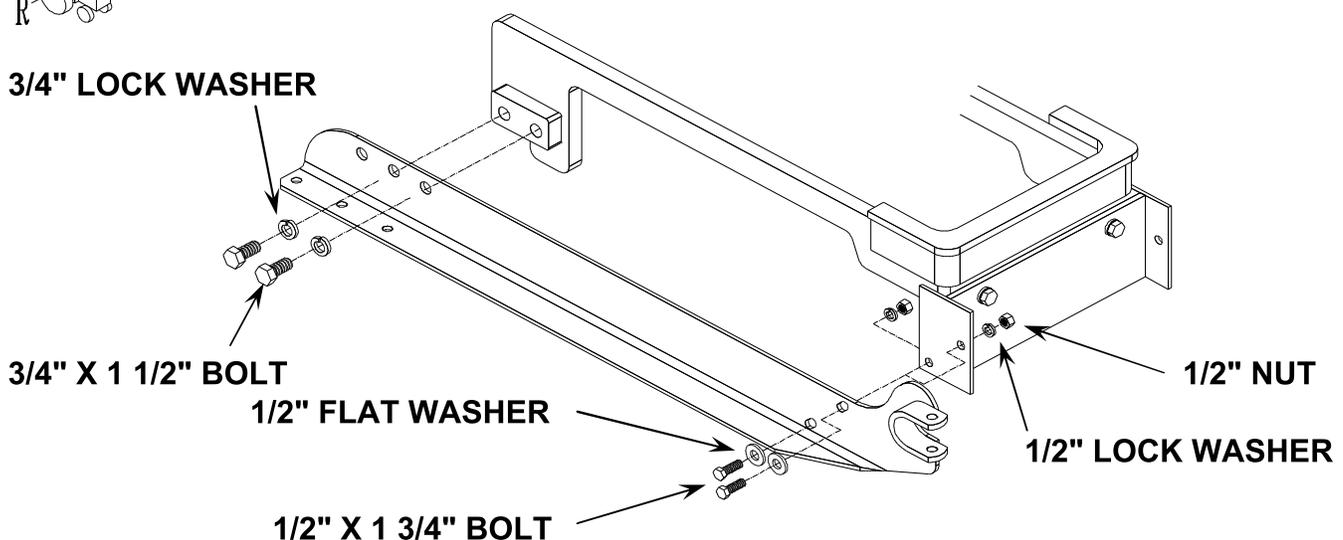
## STEP: 3 (illustration shows left side)

- A) Loosely attach the front of the left saddle to the front plate, as shown, using two 1/2" X 1 3/4" bolts, flat washers, lock washers, and nuts provided.
- B) Loosely attach the back of the left saddle to the tractor frame, as shown, using four spacer plates, two 3/4" X 3" bolts, and lock washers provided.

## STEP: 4



### ATTACH RIGHT SADDLE



## STEP: 4 (illustration shows right side)

- A) Loosely attach the front of the right saddle to the front plate, as shown, using two 1/2" X 1 3/4" bolts, flat washers, lock washers, and nuts provided.
- B) Loosely attach the back of the right saddle to the tractor frame, as shown, using two 3/4" X 1 1/2" bolts and lock washers provided.

# MOUNTING INSTRUCTIONS

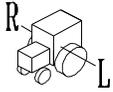
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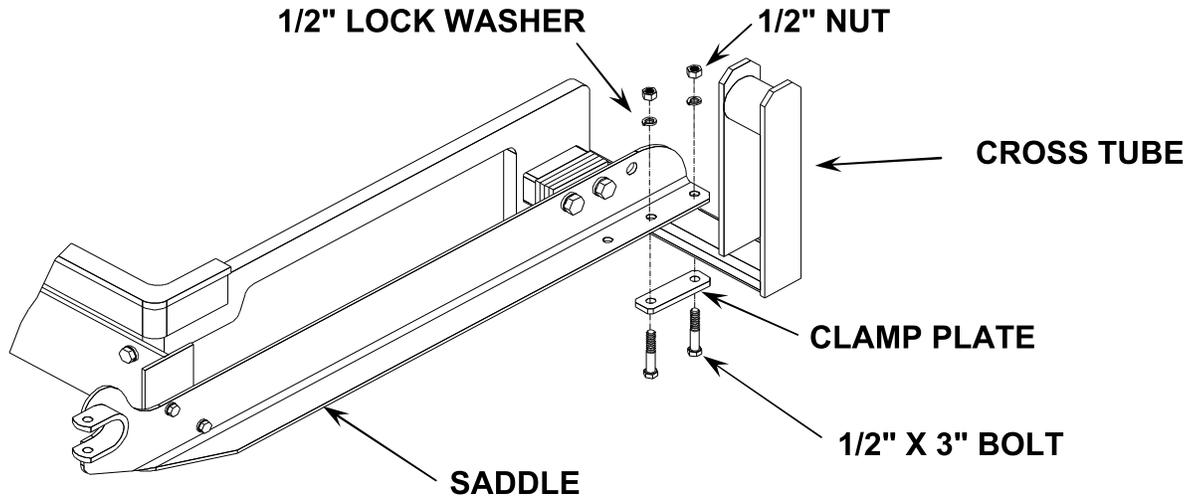
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## STEP: 5



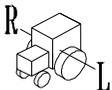
### ATTACH CROSS TUBE



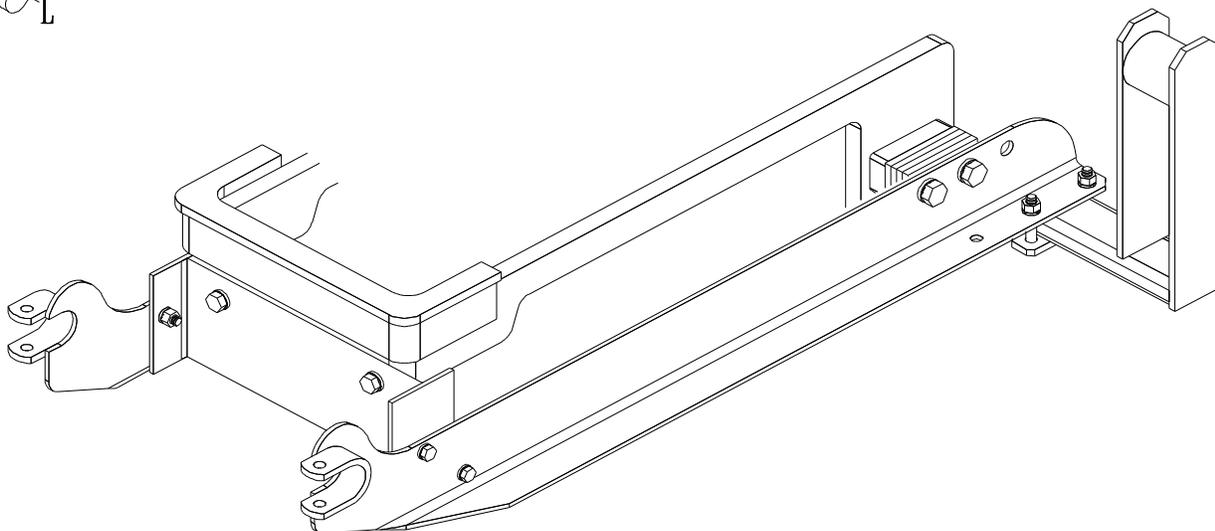
## STEP: 5 (illustration shows left side; repeat step for right side)

- A) Loosely attach the cross tube to the saddle, as shown, using one clamp plate, two 1/2" X 3" bolts, lock washers, and nuts provided.
- B) Center the cross tube between the right and left saddle and tighten all nuts and bolts.

## STEP: 6



### MOUNTING COMPLETE



## STEP: 6 (illustration shows left side; repeat step for right side)

- A) Check and tighten all nuts and bolts.

# MOUNTING INSTRUCTIONS

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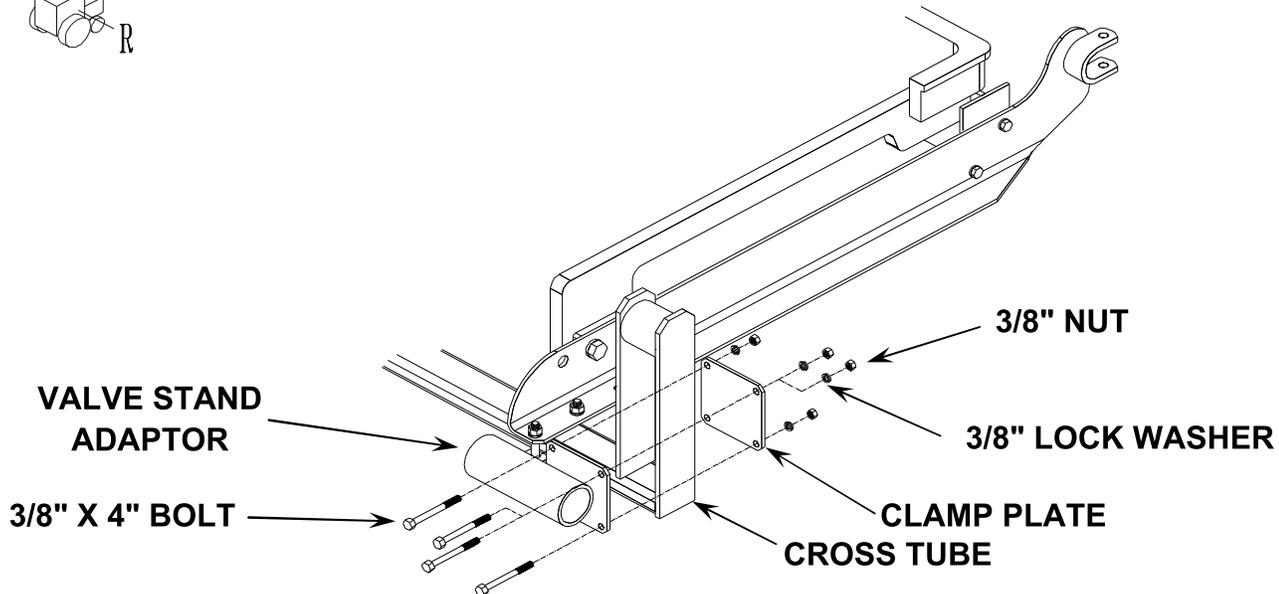
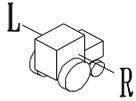
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## STEP: 7

### ATTACH RIGHT SADDLE

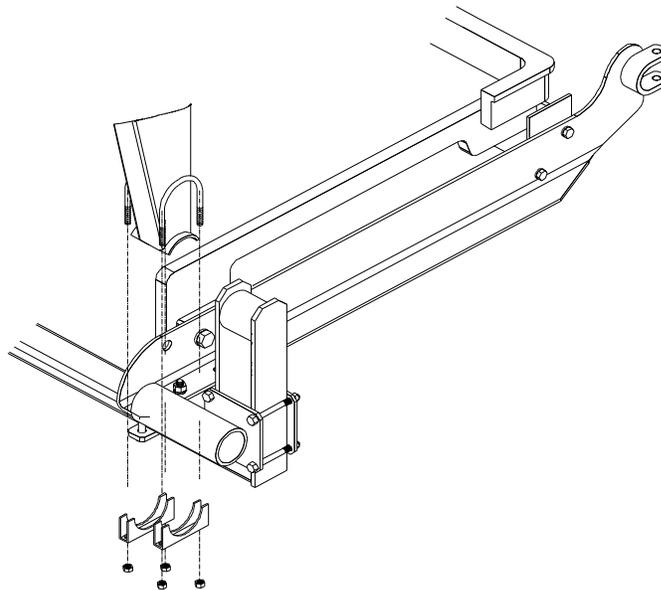
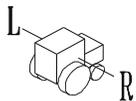


## STEP: 7 (illustration shows right side)

A) Loosely attach the valve stand adaptor to the cross tube, as shown, using one clamp plate, four 3/8" X 4" bolts, lock washers, and nuts provided.

## STEP: 8

### ATTACH VALVE PLATE



## STEP: 8 (illustration shows right side)

A) Attach the hoses to the valve. (See loader mounting for more information)

B) Attach the valve plate to the top of the tube on the valve stand adaptor, as shown, using two clamps, two U-Bolts, and four nuts provided.

# MOUNTING INSTRUCTIONS

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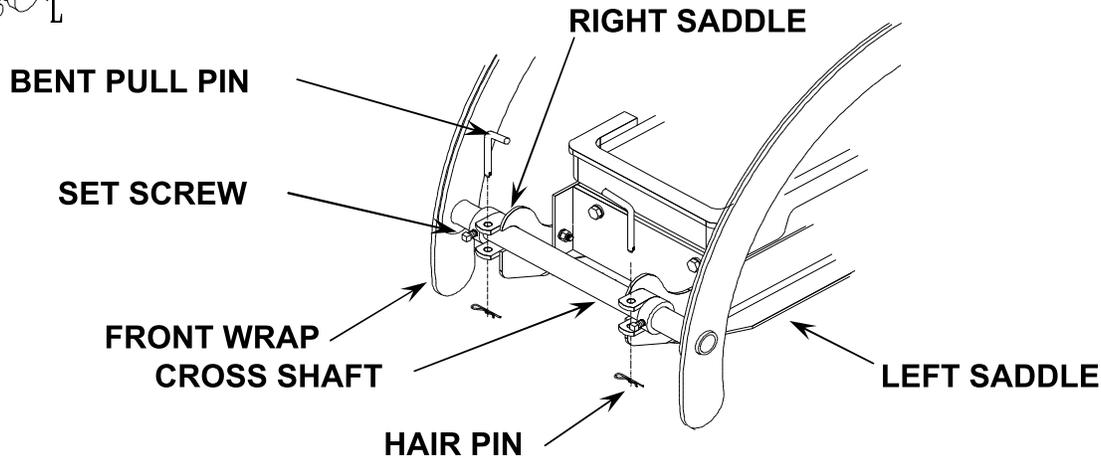
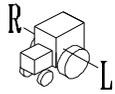
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## STEP: 9

### LOCK LOADER



## STEP: 9 (illustration shows left side; repeat step for right side)

- A) Slide the adjustable collars to the outside of the front wrap.
- B) Position the front of the loader and cross shaft into the saddle ears, as shown.
- C) Adjust the adjustable collars to the outer edges of the saddles, leaving approximately 1/8" gap from the saddle and tighten the set screws.
- D) Insert the bent pull pins through the holes on the saddles and secure in place with the hair pins.