

# Talc Applicator Installation Manual

For Seed Tender Models 275 & 375



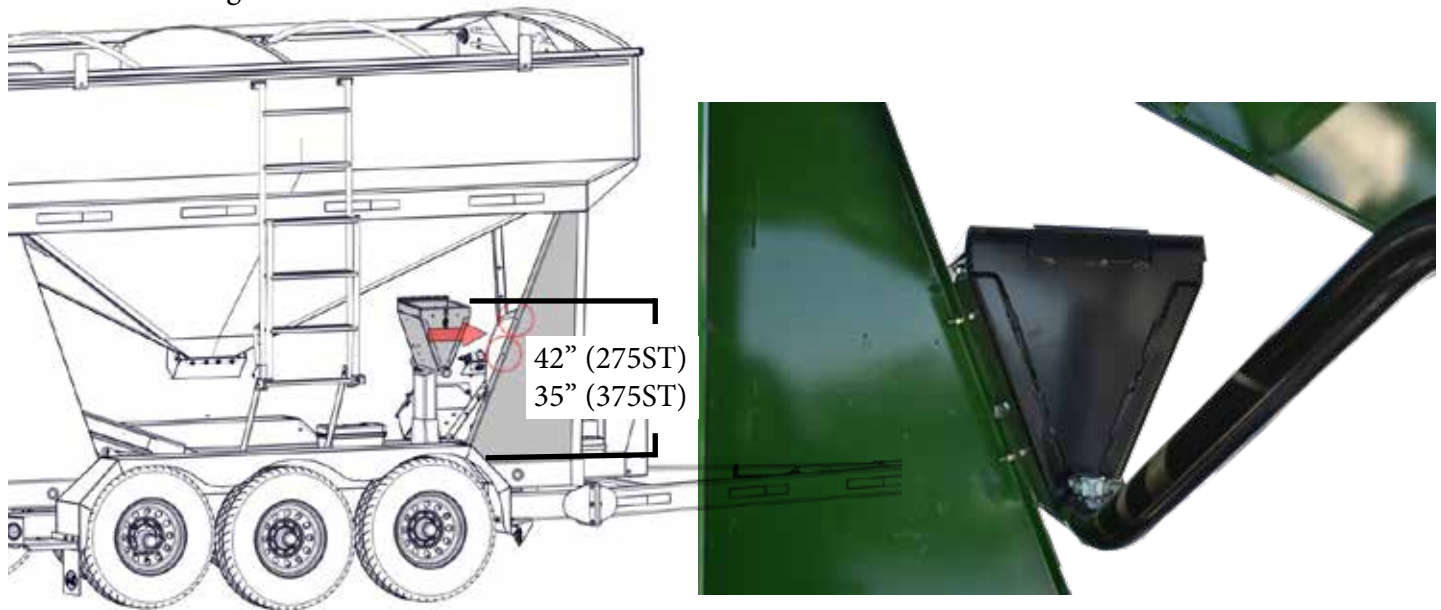
**J. & M. Mfg. Co., Inc.**  
**284 Railroad Street - P.O. Box 547**  
**Fort Recovery, OH 45846**  
**Ph: (419) 375-2376 Fax: (419) 375-2708**  
**[www.jm-inc.com](http://www.jm-inc.com)**



Description	Part. No.
Hydraulic Motor	JM0042491
Clamp	JM0037668
275/375 Talc Screw And Coupler (109")	JM0021955

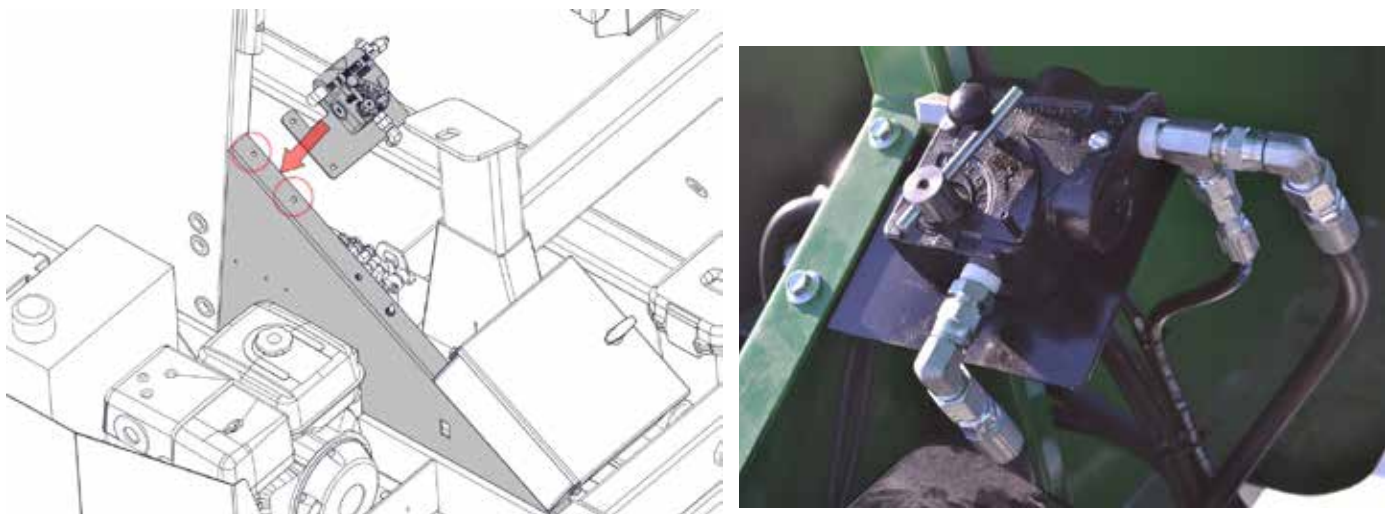
#### Step 1.

Measure from the top of the shell frame and make a mark on the front right side leg at 35" for the Model 375 Seed Tender and 42" for the Model 275 Seed Tender. This mark is for the height of the Talc Holding Container. Next using the Talc Holding Container as a guide, mark 2 holes on the side of the leg. Drill both holes with a 7/16" bit. Once the holes are drilled, fasten the Talc Holding Container with (2) 3/8"x 1" Serrated Flange Hex Nuts and Bolts. Tighten the hardware once finished.



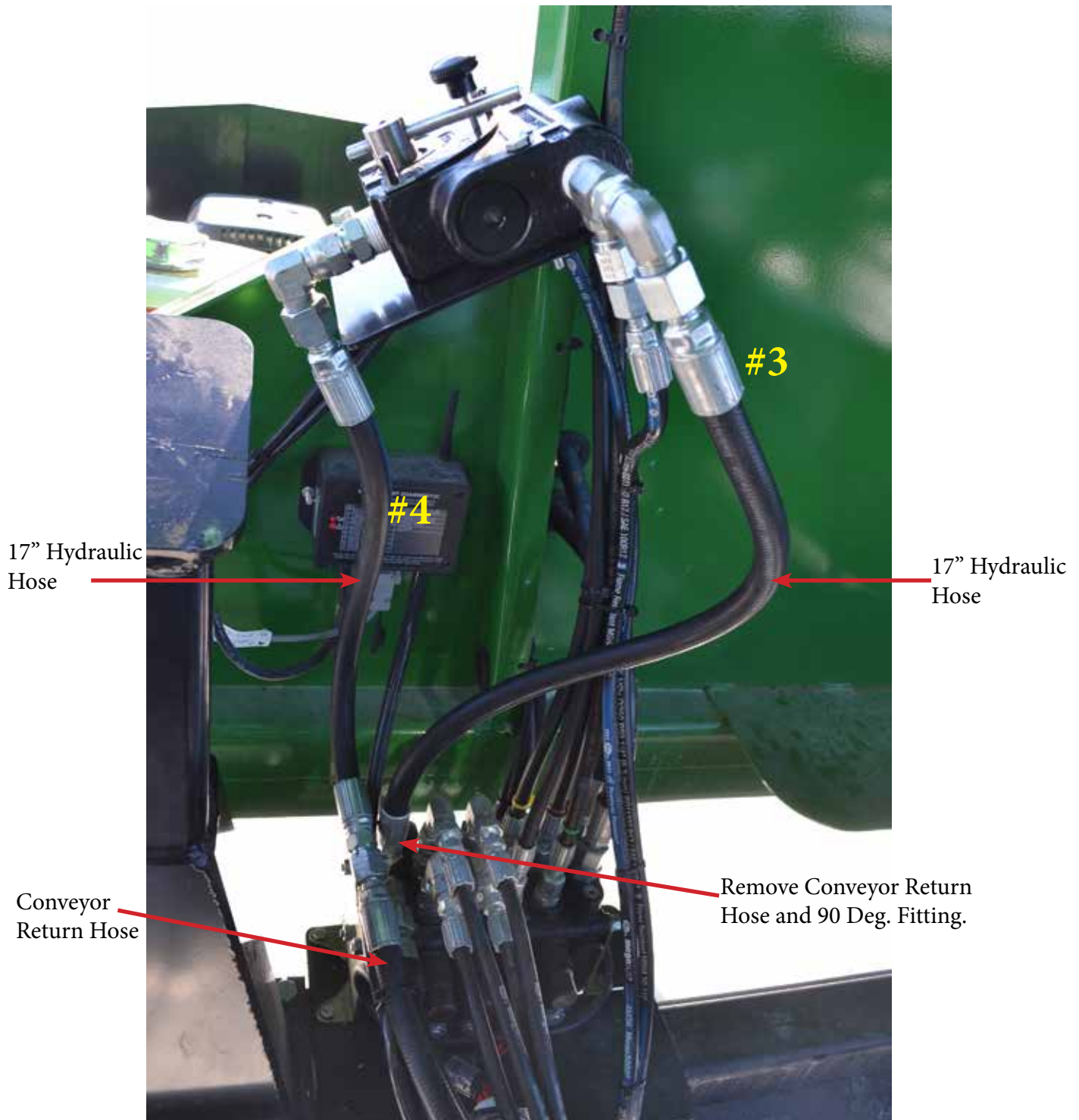
#### Step 2.

Using the Talc Control Valve Body Assembly mark (2) holes in the front left leg gusset. The bracket should be placed at the highest point possible on the front leg gusset. Once marked, drill 2 holes with a 7/16" drill bit. Attach the Control Valve Body Assembly with (2) 3/8" x 1" Serrated Flange Hex Head Nuts and Bolts. Tighten hardware once finished.



Step 3.

On the Hydraulic Spool Valve remove the “Return” hose on the valve body for the conveyor. Install the 1/2” by 17” hydraulic hose from the valve body to the Talc Applicator Control Valve. Connect hose to #3 on the talc applicator valve body. Tighten all fittings once installed.



Step 4.

Install the last 1/2” x 17” hose. This hose connects to # 4 on the Talc Applicator Valve Body and to the Conveyor Return Hose, which was removed from the Hydraulic Valve Body in step 3. Tighten all fittings once installed.

**Note: 1/4” Hoses will be installed in step 8.**

Step 5. For 375 ST Model



Fasten the Transfer Tube to the Talc Holding Container using the supplied bracket. Start installing the bracket by removing the two bolts shown in the image above. Now fasten the bracket to the door with the two nuts that were just removed. Install the 3/8" x 3" U-bolt. Use (2) 3/8" serrated flange hex nuts and (2) 3/8" lock nuts to fasten the U-bolt to the bracket. Tighten hardware once installed.

Step 5. For 275 ST Model



Fasten the Transfer Tube to the Talc Holding Container using the supplied bracket. Two 3/8" clearance holes will need to be drilled into the shell assembly to install the bracket. Use (2) 3/8" x 1" hex bolts and nut to fasten the bracket to the shell assembly. Install the 3/8" x 3" U-bolt. Use (2) 3/8" serrated flange hex nuts and (2) 3/8" lock nuts to fasten the U-bolt to the bracket. Tighten hardware once installed.



Step 6.

Install the auger through the Talc Holding Container into the Talc Transfer Tube. Attach the motor to the auger with the supplied set screw.

Attach the Motor to the Talc Holding Container using the supplied Exhaust Clamp. Tighten hardware once finished.

Note: When installing motor make sure the key-way is installed correctly.



Step 7.

Install both 1/4" x 107" Hydraulic Hoses from the Talc Motor to the Talc Control Valve Body. Hose coming from Port A runs to Port 1 and Port B runs to Port 2. Route the hose through the conduit on the frame. Tighten fittings once installed.



Step 8.

Use zip ties to fasten hydraulic hoses where necessary. Hose's should be fastened where they will not rub any moving components or catch any debris during transit.

Schematic for Aluminum Selector Valve Only  
(Not all Seed Tenders are equipped with Selector Valve)

