



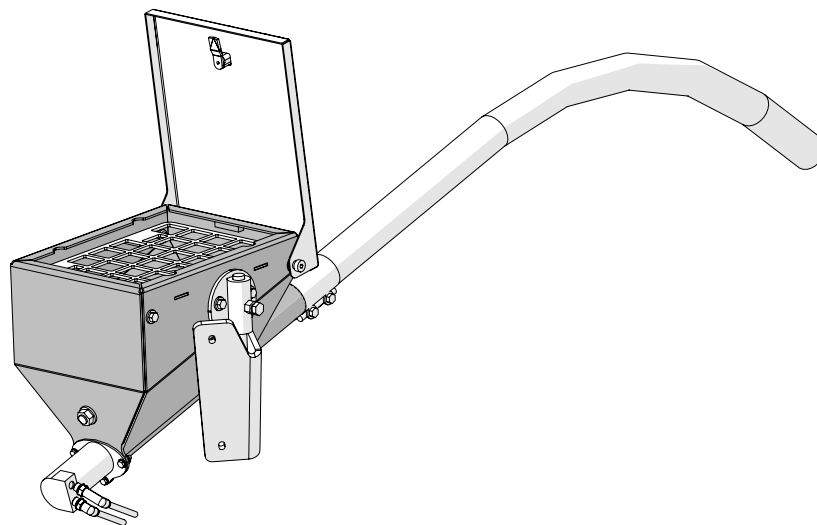
# Manual

## Talc Applicator

Installation Kit

Hydraulic Talc

Serial Number 206270 and Higher



Rev. 3.19.2025

J&M Manufacturing Co, Inc

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[www.jm-inc.com](http://www.jm-inc.com)



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## To the Dealer

Read manual instructions and safety rules. Make sure all items on the Dealer's Pre-Delivery and Delivery Check Lists are completed before releasing equipment to the owner.

The dealer must complete the Warranty Registration found on the Dealer Portal website located at [dealer.jm-inc.com](http://dealer.jm-inc.com) and return it to J&M Mfg. Co., Inc. at the address indicated on the form. Warranty claims will be denied if the Warranty Registration has not been submitted.

### **EXPRESS WARRANTY:**

J&M Mfg. Co., Inc. warrants against defects in construction or materials for a period of ONE year. We reserve the right to inspect and decide whether material or construction was faulty or whether abuse or accident voids our guarantee.

Warranty service must be performed by a dealer or service center authorized by J&M Mfg. Co., Inc. to sell and/or service the type of product involved, which will use only new or remanufactured parts or components furnished by J&M Mfg. Co., Inc. Warranty service will be performed without charge to the purchaser for parts or labor based on the Warranty Labor Times schedule. Under no circumstance will allowable labor times extend beyond the maximum hours indicated in the Warranty Labor Times schedule for each warranty procedure. The purchaser will be responsible, however, for any service call and/or transportation of the product to and from the dealer or service center's place of business, for any premium charged for overtime labor requested by the purchaser, and for any service and/or maintenance not directly related to any defect covered under the warranty. Costs associated with equipment rental, product down time, or product disposal are not warrantable and will not be accepted under any circumstance.

Each Warranty term begins on the date of product delivery to the purchaser. Under no circumstance will warranty be approved unless (i) the product warranty registration card has been properly completed and submitted to the equipment manufacturer, and (ii) a warranty authorization number has been issued by the equipment manufacturer. This Warranty is effective only if the warranty registration card is returned within 30 days of purchase.

This Warranty does not cover a component which fails, malfunctions or is damaged as a result of (i) improper modification or repair, (ii) accident, abuse or improper use, (iii) improper or insufficient maintenance, or (iv) normal wear or tear. This Warranty does not cover products that are previously owned and extends solely to the original purchaser of the product. Should the original purchaser sell or otherwise transfer this product to a third party, this Warranty does not transfer to the third party purchaser in any way. J&M Mfg. Co., Inc. makes no Warranty, express or implied, with respect to tires or other parts or accessories not manufactured by J&M Mfg. Co., Inc. Warranties for these items, if any, are provided separately by their respective manufacturers.

THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES OR CONDITIONS, EXPRESS, IMPLIED OR STATUTORY, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE.

In no event shall J&M Mfg. Co., Inc. be liable for special, direct, incidental or consequential damages of any kind. The exclusive remedy under this Warranty shall be repair or replacement of the defective component at J&M Mfg. Co., Inc.'s option. This is the entire agreement between J&M Mfg. Co., Inc. and the Owner about warranty and no J&M Mfg. Co., Inc. employee or dealer is authorized to make any additional warranty on behalf of J&M Mfg. Co., Inc.

The manufacturer reserves the right to make product design and material changes at any time without notice. They shall not incur any obligation or liability to incorporate such changes and improvements in products previously sold to any customer, nor shall they be obligated or liable for the replacement of previously sold products with products or parts incorporating such changes.

### **SERVICE:**

The equipment you have purchased has been carefully manufactured to provide dependable and satisfactory use. Like all mechanical products, it will require cleaning and maintenance. Lubricate the unit as specified. Observe all safety information in this manual and safety signs on the equipment.

For service, your authorized J&M dealer has trained mechanics, genuine J&M service parts, and the necessary tools and equipment to handle all your needs.

Use only genuine J&M service parts. Substitute parts may void warranty and may not meet standards required for safety and satisfactory operation. Record the model number and serial number of your equipment in the spaces provided:

**Model No:** \_\_\_\_\_ **Serial No:** \_\_\_\_\_ **Date of Purchase:** \_\_\_\_\_

**Purchased From:** \_\_\_\_\_

Provide this information to your dealer to obtain correct repair parts.


# General Information


## TO THE OWNER:


The purpose of this manual is to assist you in operating and maintaining your Talc Applicator in a safe manner. Read it carefully. It furnishes information and instructions that will help you achieve years of dependable performance and help maintain safe operating conditions. If this machine is used by an employee or is loaned or rented, make certain that the operator(s), prior to operating:


1. Is instructed in safe and proper use.
2. Reviews and understands the manual(s) pertaining to this machine.

Throughout this manual, the term **IMPORTANT** is used to indicate that failure to observe can cause damage to equipment. The terms **CAUTION**, **WARNING** and **DANGER** are used in conjunction with the Safety-Alert Symbol (a triangle with an exclamation mark) to indicate the degree of hazard for items of personal safety. When you see this symbol, carefully read the message that follows and be alert to the possibility of personal injury or death.

 This Safety-Alert symbol indicates a hazard and means **ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!**

 **DANGER** Indicates an imminently hazardous situation that, if not avoided, will result in death or serious injury.

 **WARNING** Indicates a potentially hazardous situation that, if not avoided, will result in death or serious injury, and includes hazards that are exposed when guards are removed.

 **CAUTION** Indicates a potentially hazardous situation that, if not avoided, may result in minor or moderate injury.

**IMPORTANT** Indicates that failure to observe can cause damage to equipment.

**NOTE** Indicates helpful information.

## Bolt Torque Chart

Always tighten hardware to these values unless a different torque or tightening procedure is listed for specific application. Fasteners must always be replaced with the same grade as specified in the manual parts list. Always use the proper tool for tightening hardware. Make sure fastener threads are clean and you start thread engagement properly. **Use these values when tightening all bolts and nuts with the exception of wheel nuts.**

### SAE Fasteners

Coarse Thread Series				
Diameter and Pitch (Inches)	Grade 5		Grade 8	
	Dry	Oiled	Dry	Oiled
1/4"-20	8 ft-lbs	6 ft-lbs	12 ft-lbs	9 ft-lbs
5/16"-18	17	13	25	18
3/8"-16	30	23	45	35
7/16"-14	50	35	70	55
1/2"-13	75	55	110	80
9/16"-12	110	80	150	110
5/8"-11	150	110	220	170
3/4"-10	260	200	380	280
7/8"-9	430	320	600	460
1"-8	640	480	900	680
Fine Thread Series				
Diameter and Pitch (Inches)	Clamp Load (Lbs.)	Tightening Torque	Clamp Load (Lbs.)	Tightening Torque
1/4"-28	10 ft-lbs	7 ft-lbs	14 ft-lbs	10 ft-lbs
5/16"-24	19	14	29	20
3/8"-24	35	25	50	40
7/16"-20	55	40	80	60
1/2"-20	90	65	120	90
9/16"-18	120	90	170	130
5/8"-18	180	130	240	180
3/4"-16	300	220	420	320
7/8"-14	470	360	660	500

# Safety Rules



## ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!



Safety is a primary concern in the design and manufacture of our products. Unfortunately, our efforts to provide safe equipment can be erased by an operator's single careless act. In addition, hazard control and accident prevention are dependent upon the awareness, concern, judgment, and proper training of personnel involved in the operation, transport, maintenance and storage of equipment.

Prior to operating, ensure the operator(s) is instructed in safe and proper use and reviews and understands the manual(s) pertaining to this machine.

Read this manual before you operate this machine. If you do not understand any part of this manual, or need more information, contact J&M or your authorized dealer.

## SAFETY


Understand that your safety and the safety of other persons is measured by how you service and operate this machine. Know the positions and functions of all controls before you operate them. Check all controls in a safe area before starting your work.

The safety information given in this manual does not replace safety codes, federal, state or local laws. Make certain your machine has the proper equipment as designated by local laws and regulations.

- Relieve all pressure, before disconnecting fluid lines.
- Before applying pressure, make sure all connections are tight and components are in good condition.
- Never use your hand to check for suspected leaks under pressure. Use a piece of cardboard or wood for this purpose.
- If injured by leaking fluid, see your doctor immediately.
- Keep clear of moving parts at all times when operating the talc unit.
- Be sure all safety shields are in place before operation.

Ensure everyone is clear of equipment before applying power or moving the machine.

## DECALS

 <b>ADVANCED SEED DELIVERY</b>					
<b>TALC APPLICATOR FLOW CONTROL SETTINGS</b>					
Flow Control Setting	Cups/min	Cups/unit @ 24.4 units/min (1 door fully open)	Cups/unit @ 30 units/min (2 doors fully open)	Cups/unit @ 45 units/min (535 Only) (2 doors fully open)	Lbs/min
1.5	0.0	0.0	0.0	0.0	0.0
2.0	0.6	0.0	0.0	0.0	0.2
2.5	1.3	0.1	0.0	0.0	0.4
3.0	3.8	0.2	0.1	0.1	1.3
3.5	6.3	0.3	0.2	0.1	2.1
4.0	6.6	0.3	0.2	0.1	2.2
4.5	7.0	0.3	0.2	0.2	2.3
5.0	9.0	0.4	0.3	0.2	3.0
5.5	11.0	0.5	0.4	0.2	3.7
6.0	14.5	0.6	0.5	0.3	4.8
6.5	18.0	0.7	0.6	0.4	6.0
7.0	21.5	0.9	0.7	0.5	7.2
7.5	25.0	1.0	0.8	0.6	8.4
8.0	27.5	1.1	0.9	0.6	9.2
8.5	30.0	1.2	1.0	0.7	10.0
9.0	35.0	1.4	1.2	0.8	11.7
10.0	40.0	1.6	1.3	0.9	13.4



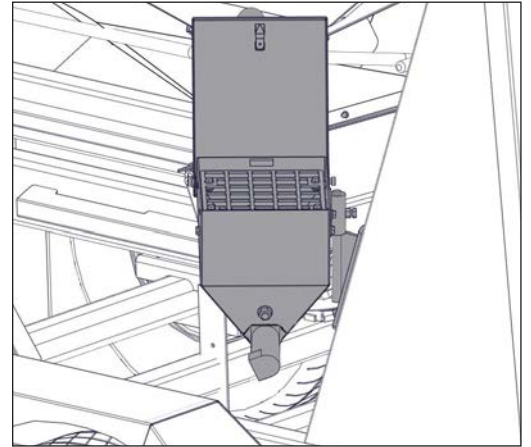
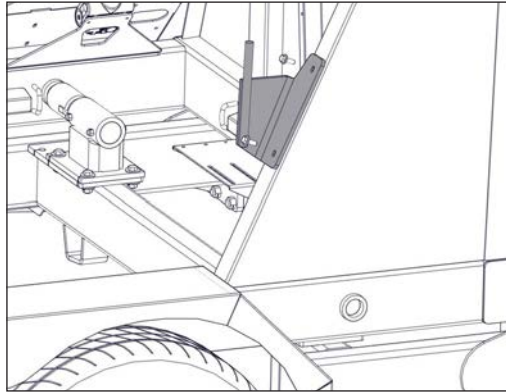
Place decal on talc box side most visible to the user. Part number for the decal is JM0018035.

# Talc Box Mount Assembly

## STEP ONE - LC 290 & LC 390 - 275, 375

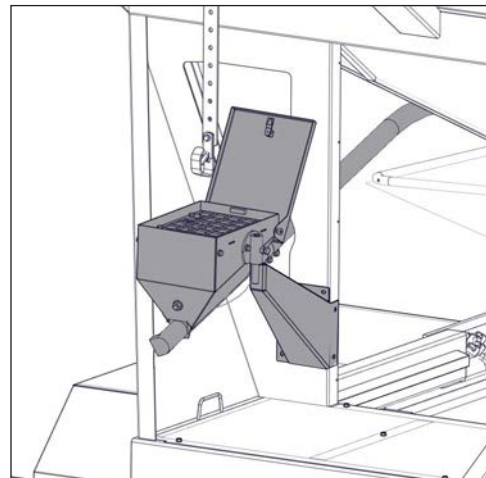
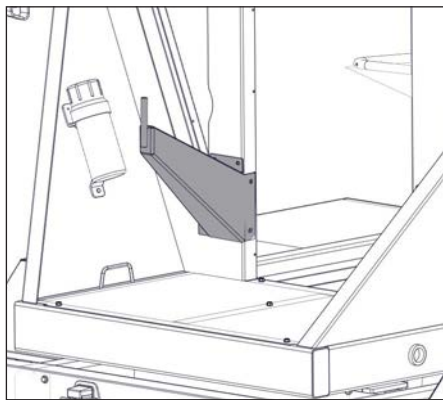
- Bolt the LC 290/LC 390 talc box mounting bracket (JM0037272) to the SpeedTender's front passenger side leg using two 3/8" x 1" flange bolt and 3/8" flange nuts. Hand tighten fasteners.
- Fasten the talc box (JM0037538) and talc rotation bracket (JM0038395) onto the LC 290/LC 390 talc box mounting bracket. Hand tighten fasteners.

For a 275 or 375 SpeedTender, measure from the frame up along the leg to locate the center of the bottom hole. For the 375 model, this distance is 12-1/2 inches; for the 275 model, it is 18-1/2 inches.



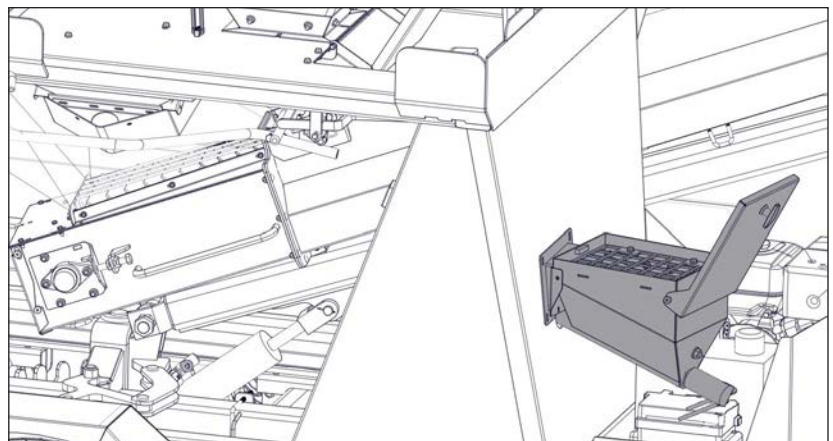
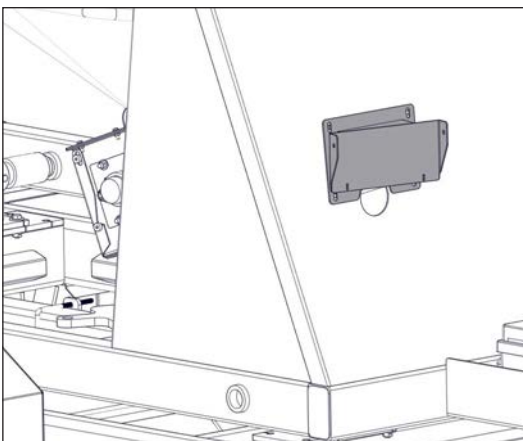
## STEP ONE - LC 535

- Bolt the LC 535 talc box mounting bracket (JM0037641) to the SpeedTender's rear driver side leg using five 3/8" x 1" flange screws and 3/8" flange nuts. Hand tighten fasteners.
- Fasten the talc box (JM0037538) and talc rotation bracket (JM0038395) onto the LC 535 talc box mounting bracket. Hand tighten fasteners.



## STEP ONE - SpeedTender Pro c4-50

- Bolt the SpeedTender Pro c4-50 talc box mounting bracket (JM0037645) to the SpeedTender's front passenger side leg using four 3/8" x 1" flange screws and 3/8" flange nuts. Hand tighten fasteners.
- Fasten the talc box (JM0037538) to the SpeedTender Pro c4-50 talc box mounting bracket.



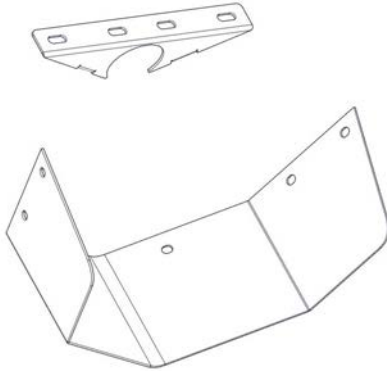


## Attaching Motor and Door Skirt

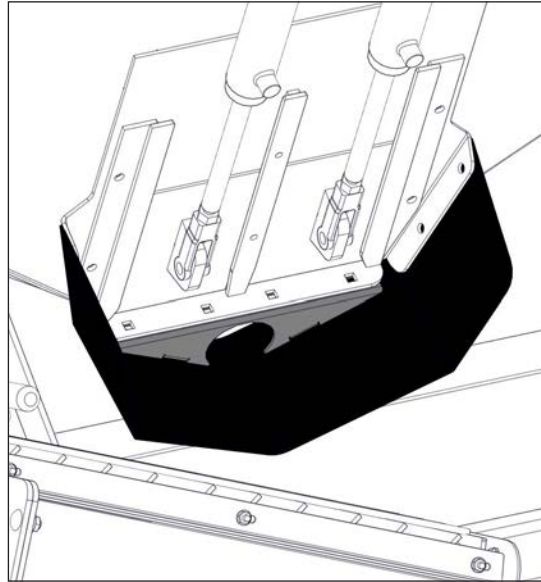
### **STEP TWO- (Skip this step for LC 535 units)**

- Remove the rubber door skirt (below doors) from the SpeedTender and fasten the talc spout bracket (JM0042542) and talc rubber door skirt (JM0042688) to the bottom of the SpeedTender door. Hand tighten fasteners.

Talc Spout Bracket

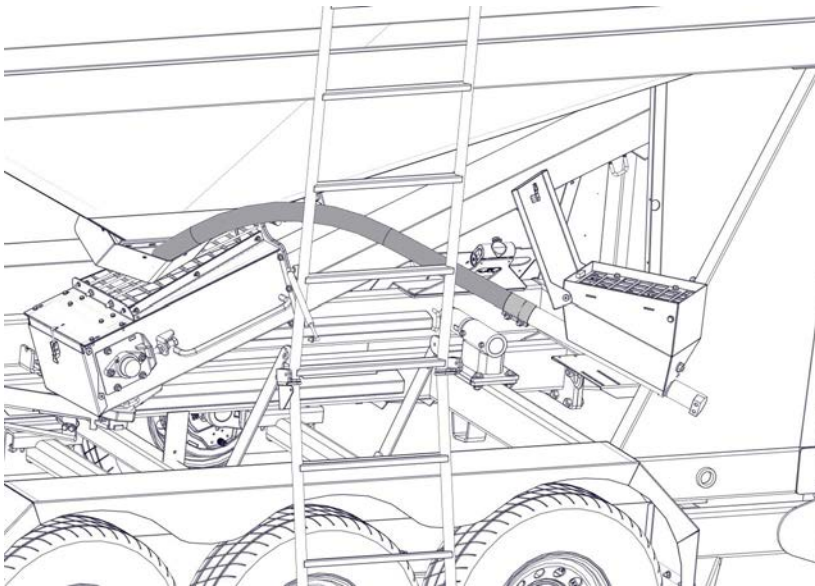


Rubber Skirt



### **STEP THREE - LC 290, LC 390 & SpeedTender Pro c4-50 - 275, 375**

- Insert one end of the talc fighting PVC tube (LC 390 - JM0042810, LC 290 - JM0042809, SpeedTender Pro c4-50 - JM0043049) in the talc spout bracket, and bring the other end to the talc box and connect with the 2" exhaust clamp. (JM0037668)
- Before tightening the 2" exhaust clamp, ensure the talc box is oriented so the talc fighting PVC tube is in line with the talc box pipe (as shown below). Tighten the 2" exhaust clamp. **Tighten all fasteners.**

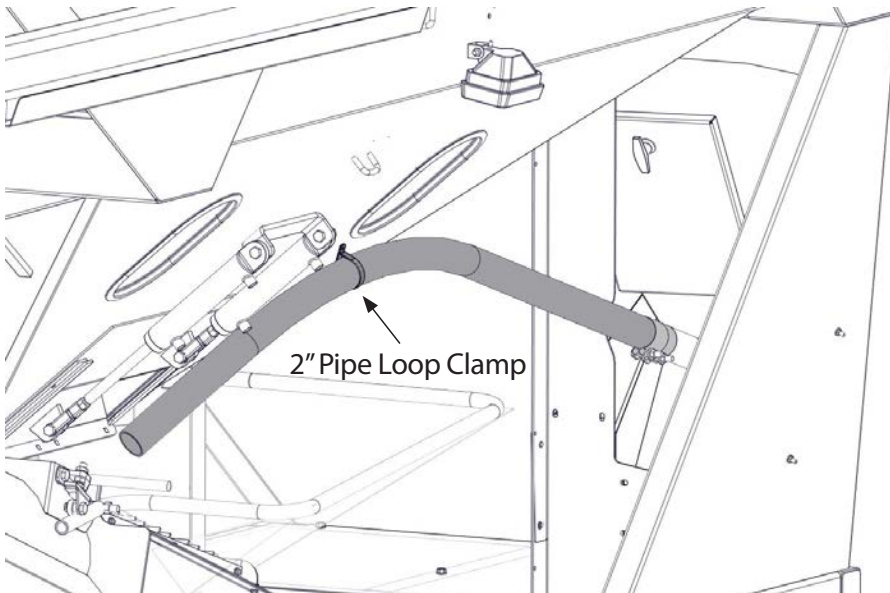




# Flex Flighting Assembly

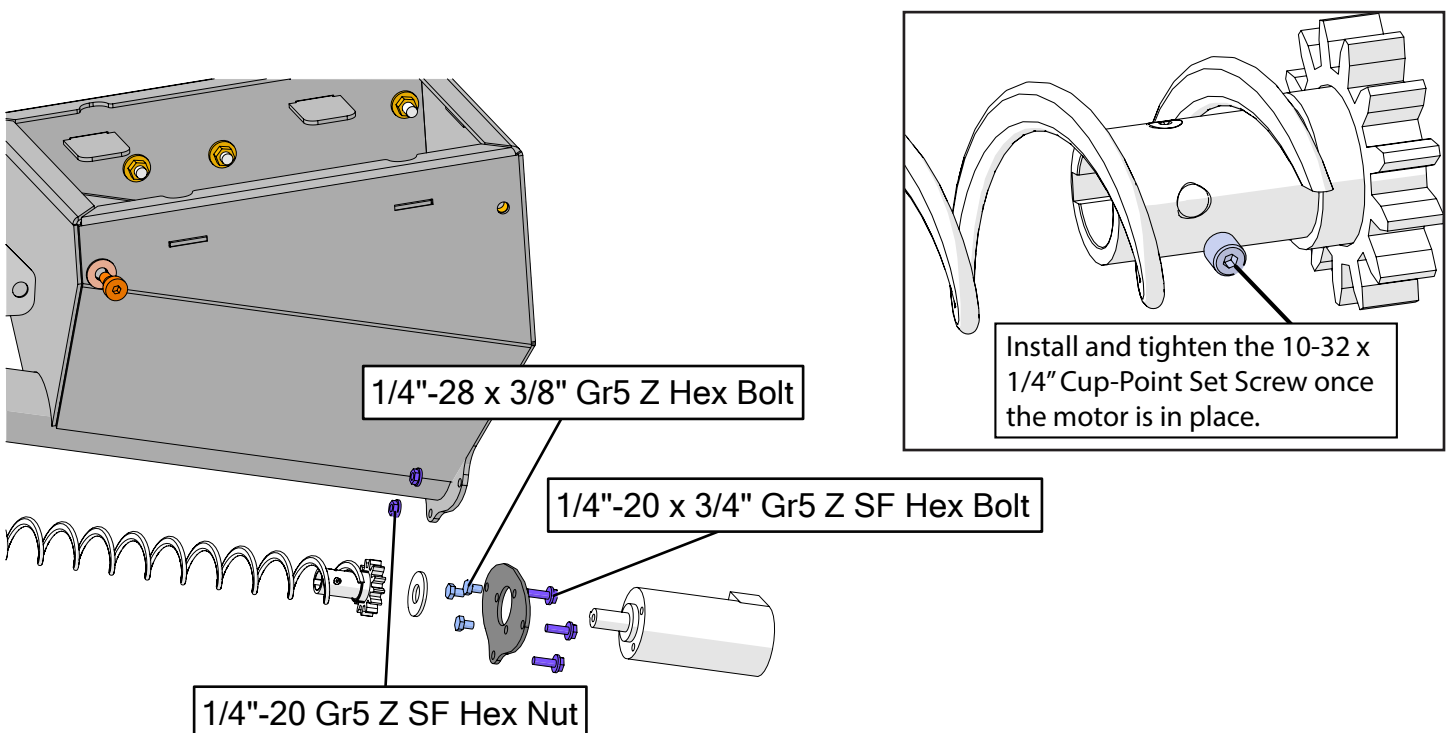
## STEP THREE - LC 535

- Attach the talc fighting PVC tube (LC 535-JM0043049) with the 2" exhaust clamp.
- Before tightening the 2" exhaust clamp ensure the talc box is oriented so the talc fighting PVC tube is in line with the talc box pipe (shown below) and the spout is hanging over the conveyor hopper inlet. Tighten the 2" exhaust clamp. Tighten all fasteners.
- Use the 2" pipe loop clamp (JM0043498), 3/8" x 1" flange bolt and 3/8" flange nut to fasten the talc fighting PVC tube to the LC 535 tank.



## STEP FOUR - All models

- Bolt the flange plate to the hydraulic motor with (3) 1/4"-28 x 3/8" hex bolt as shown below.
- Place the nylon washer between motor and the flexible auger, making sure the washer will be properly seated.
- Install and tighten the 10-32 x 1/4" Cup-Point Set Screw once the motor is in place.
- Run the auger into the talc box and attach the hydraulic motor (JM0042491) to the talc box using the (3) 1/4"-28 x 3/8" hex bolts and (3) 1/4"-20 serrated flange hex nuts. Tighten.



# Assembly for Silver or Gold Valve

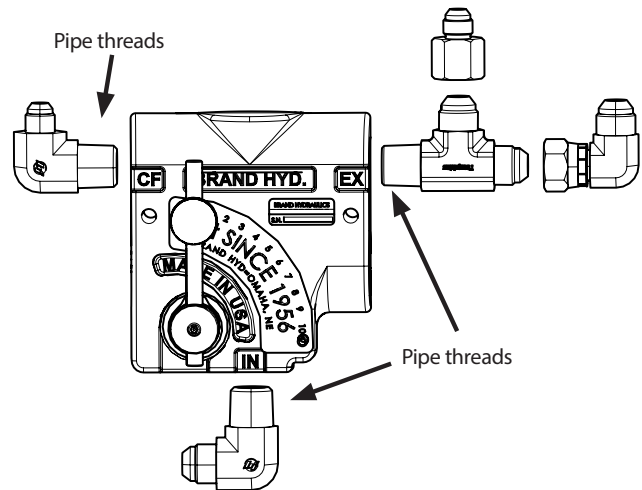
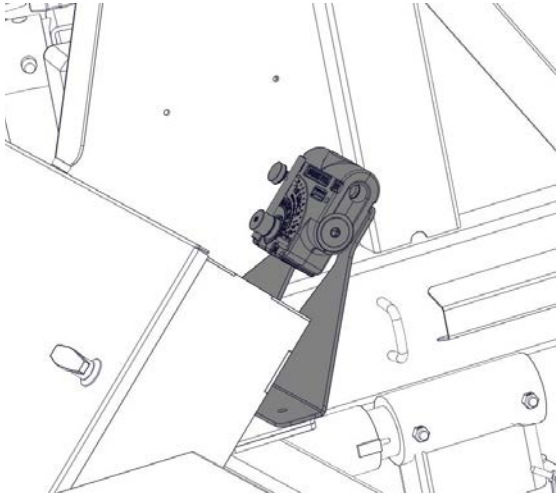
**If you have a Black Valve go to “Assembly For Black Valve” on page 12.**

**If you have a Blue Valve go to “Assembly For Blue Valve” on page 13.**

**If you have an Silver Valve, continue with the following instructions:**

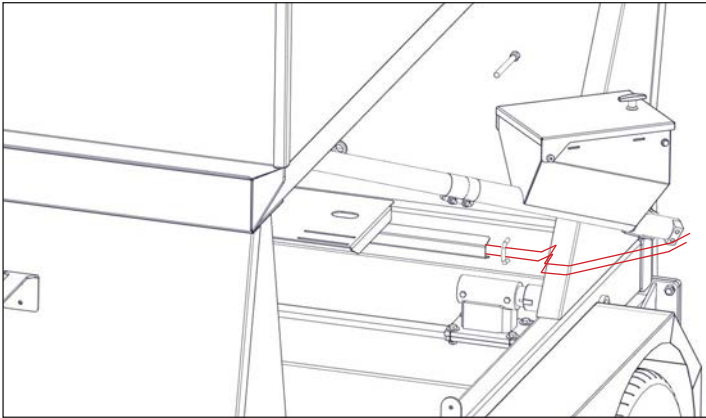
## STEP FIVE - All models

- Mount the flow control valve (JM0026104) using the flow control mounting bracket (LC 290/LC 390/SpeedTender Pro c4-50-JM0043097, LC 535-JM0025400). Mount in the location shown below by removing the scale box bolts. Remove and attach one bolt at a time to keep the scale box secure.
- Bolt the flow control valve (JM0026104) to the flow control mounting bracket using (2) 1/4" x 2" hex bolts and (2) 1/4" lock nuts.
- Assemble the fittings to the flow control valve as shown below. Apply Teflon tape to pipe thread before assembly.

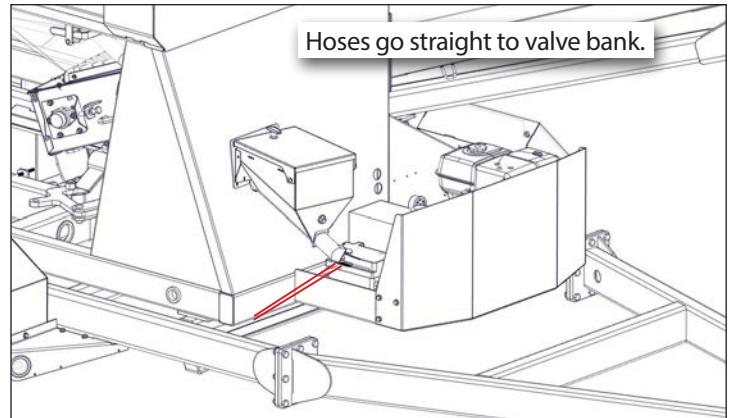


## STEP SIX - All models

- Route the talc motor hydraulic hoses (JM0042861) through the conduits on the trailer as shown below. Tighten the hoses to the flow control valve and hydraulic talc motor.



LC 290/LC 390



SpeedTender Pro c4-50

## STEP SEVEN - All models

- Remove the conveyor motor return hose from the conveyor return port on the seed tender valve bank and attach the 20" supply hose (JM0042862) to the conveyor motor return hose and to the "IN" port elbow on the flow control valve. See "Hydraulic Schematic and Repair Parts for Silver Valve with Talc" on page 18.

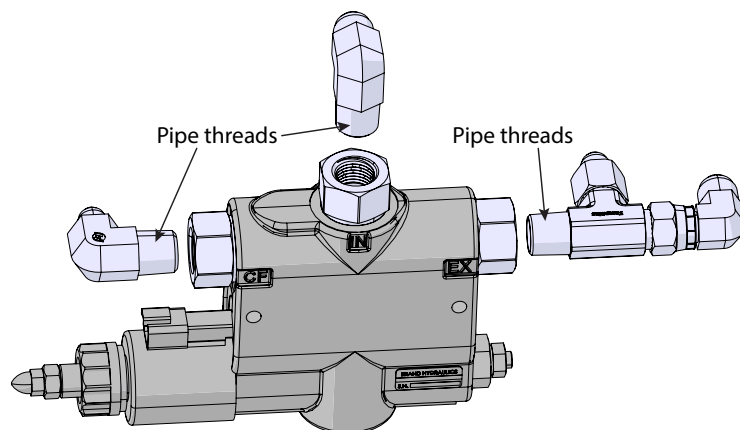
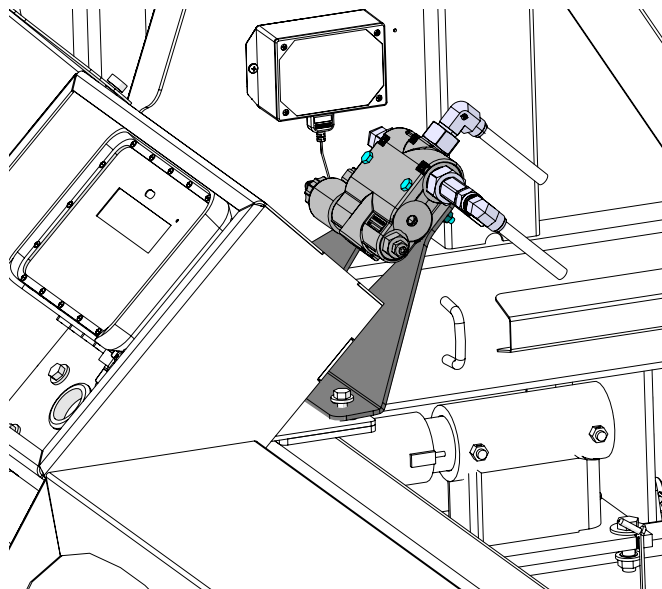
## STEP EIGHT - All models

- Attach the 30" return hose (JM0042863) to the "EX" port elbow on the flow control valve and the "Conveyor Return" port on the SpeedTender valve bank. See "Hydraulic Schematic and Repair Parts for Silver Valve with Talc" on page 18.

# Assembly for Gold Valve with Intercomp Remote

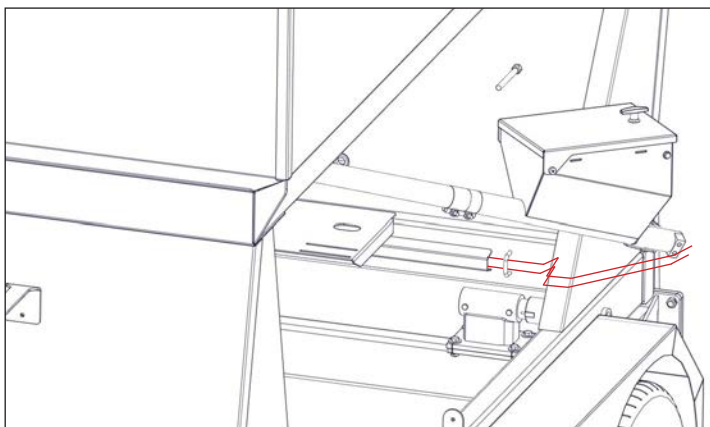
## STEP FIVE - All models

- Mount the flow control valve (JM0080429) using the flow control mounting bracket (LC 290/LC 390/SpeedTender Pro c4-50 JM0043097, LC 535 JM0025400). Mount in the location shown below by removing the scale box bolts one bolt at a time to keep the scale box secure.
- Bolt the flow control valve (JM0026104) to the flow control mounting bracket using (2) 1/4" x 2" hex bolts and (2) 1/4" lock nuts.
- Assemble the fittings to the flow control valve as shown below. Apply Teflon tape to pipe thread fittings before assembly.

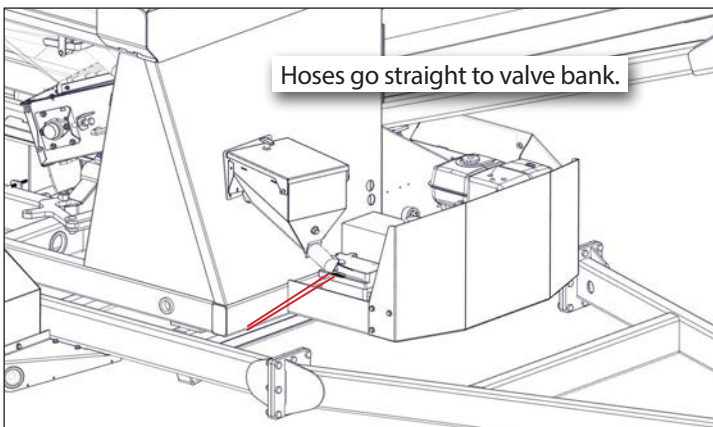


## STEP SIX - All models

- Route the talc motor hydraulic hoses (JM0042861) through the conduits on the trailer as shown below. Tighten the hoses to the flow control valve and hydraulic talc motor.



LC 290/LC 390



SpeedTender Pro c4-50

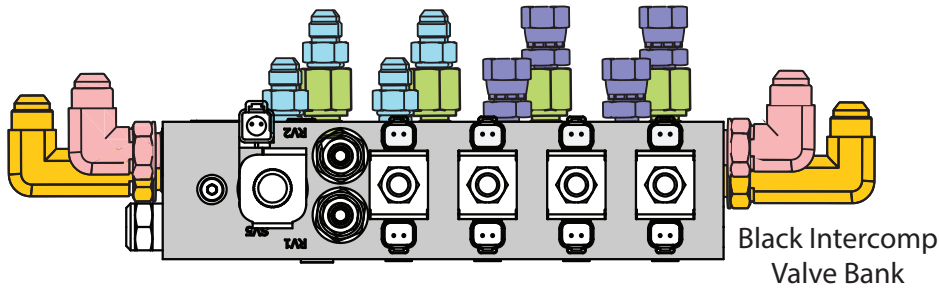
## STEP SEVEN - All models

- Remove the conveyor motor return hose from the conveyor return port on the seed tender valve bank and attach the 20" supply hose (JM0042862) to the conveyor motor return hose and to the "IN" port elbow on the flow control valve. See "Electronic Talc Hydraulics Schematic for Gold Valves" on page 19.

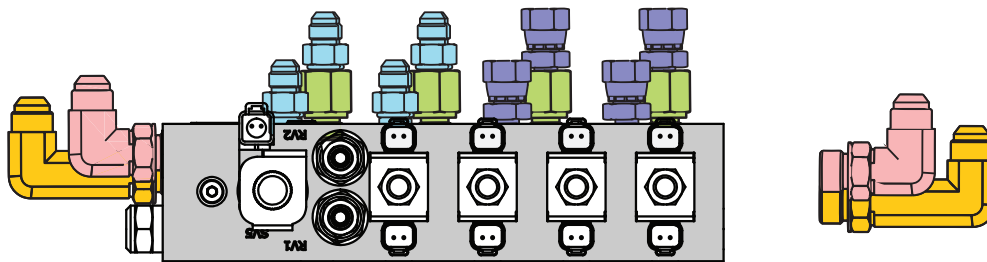
## STEP EIGHT - All models

- Attach the 30" return hose (JM0042863) to the "EX" port elbow on the flow control valve and the "Conveyor Return" port on the SpeedTender valve bank. See "Electronic Talc Hydraulics Schematic for Gold Valves" on page 19.

# Assembly For Black Valve

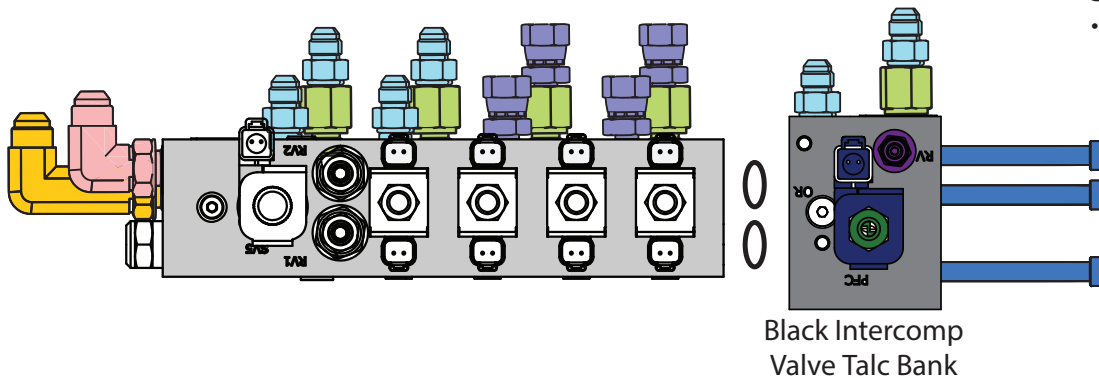


The black valve bank is shown on the left.



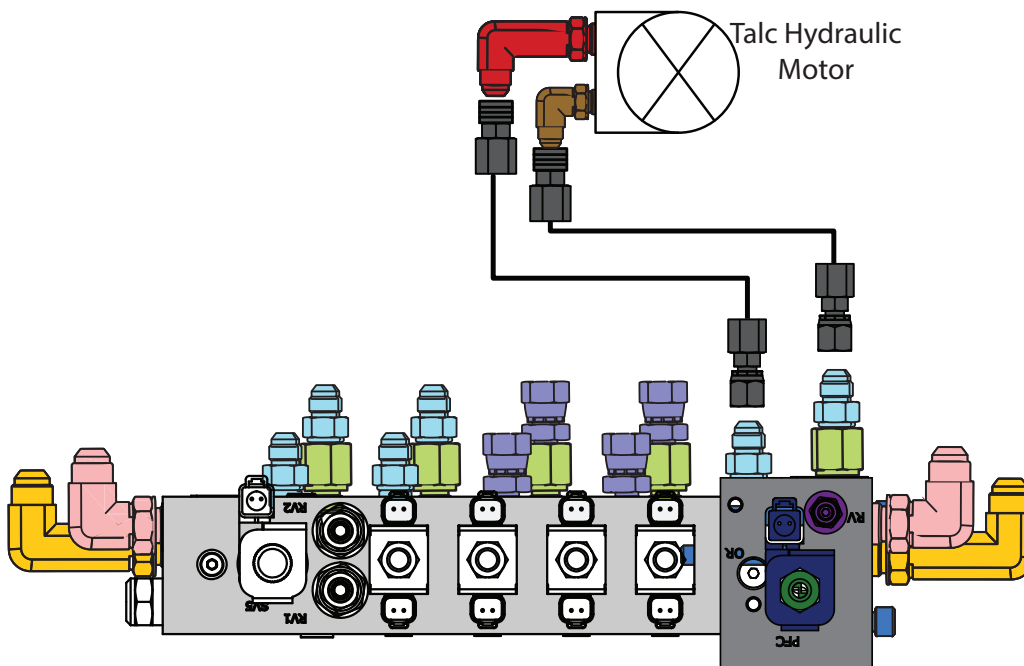
## STEP FIVE- All models

- Remove the two 90° hydraulic fittings on the right side shown on the left.



## STEP SIX - All models

- Add the black valve talc bank using the two o-rings and three bolts to secure it to the main valve bank.



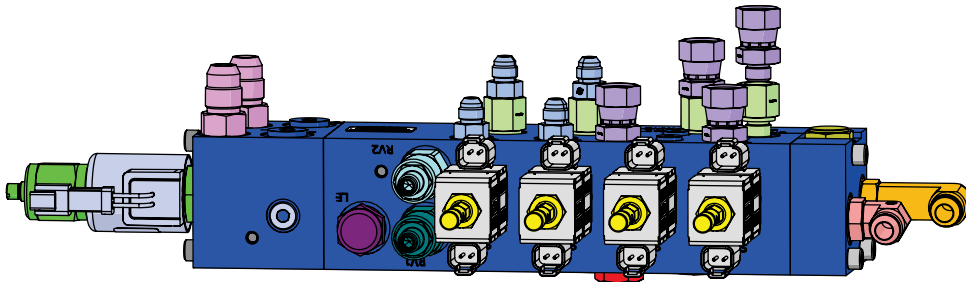
## STEP SEVEN - All models

- Add the two 90° hydraulic fittings into the side of the black valve talc bank. Insert the fittings (coming out of the front of the bank shown on the left) to the valve bank. Connect the hoses and run them to the talc hydraulic motor. Be sure to tighten all fasteners.

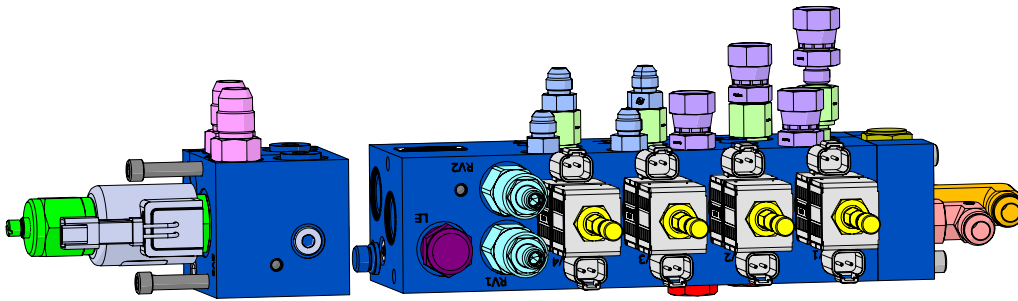
NOTE: Route the hoses as shown in image on page 11.



# Assembly For Blue Valve

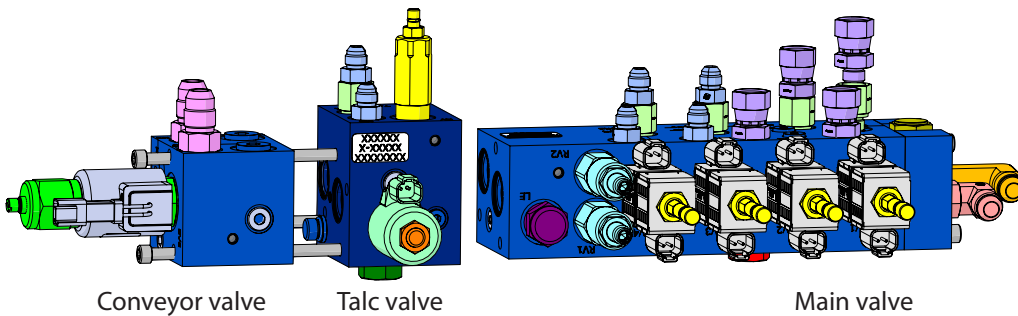


The blue valve bank is shown on the left.



## STEP FIVE- All models

- Remove the three bolts on the left and slide the conveyor module out of the way for now.
- Discard the bolts as they will not be used any further.



## STEP SIX - All models

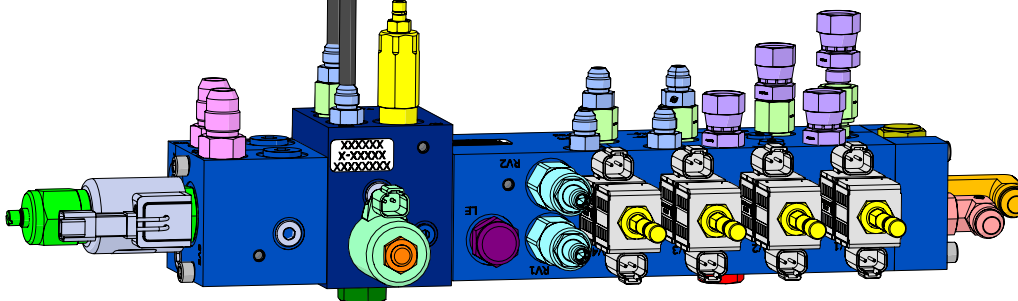
- Add the blue valve bank for talc using the three bolts included in the kit between the main valve and the conveyor valve to secure it.
- **Make sure the O-rings are situated in the ports between each valve.**
- Tighten the bolts.



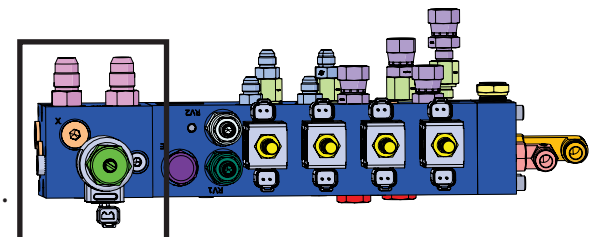
## STEP SEVEN - All models

- Connect the hoses from the talc valve bank and run them to the talc hydraulic motor. Be sure to tighten all fittings.

NOTE: Route the hoses as shown in image on page 11.

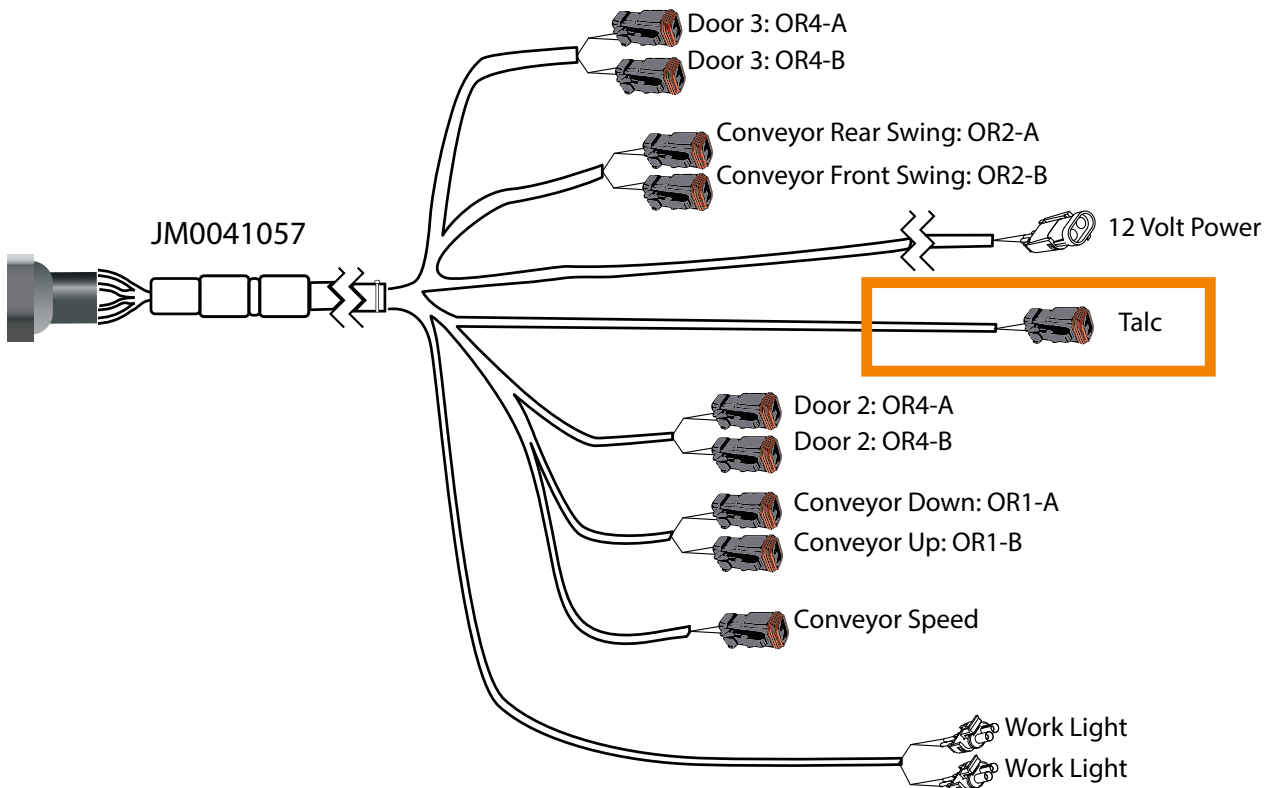


In 2025 the orientation of the valve changed to what is shown on the right. This doesn't affect steps or parts for this application.

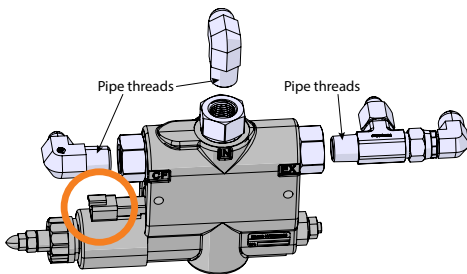


# Wire Harness and their Connections

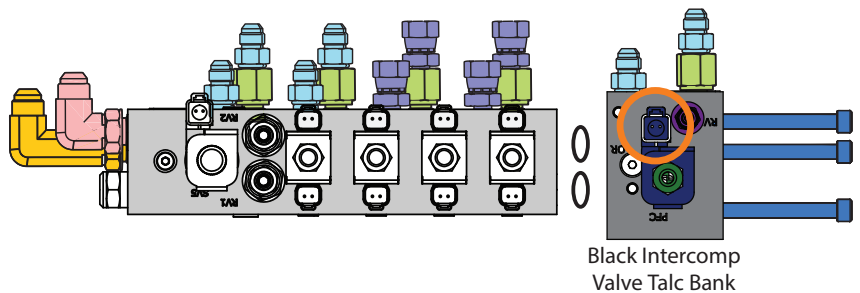
If you have an Intercomp remote system connect the connector labeled as "Talc" (highlighted with the orange box) to the talc valve bank (circled in orange). Below is an image of the harness and various valve banks, showing where the harness plugs in.



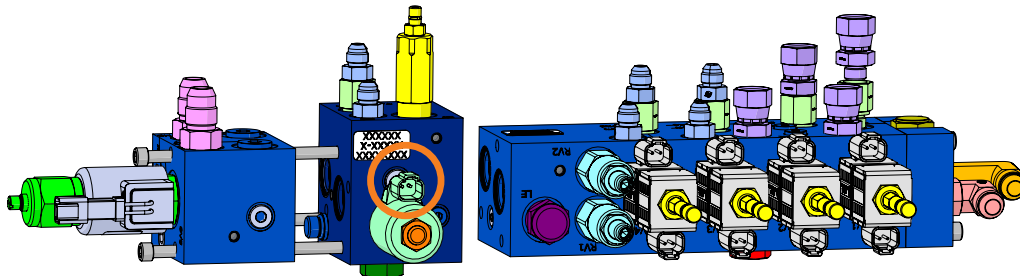
## Gold/Silver Valve Bank Talc Valve



## Black Valve Bank Talc Valve



## Blue Valve Bank Talc Valve

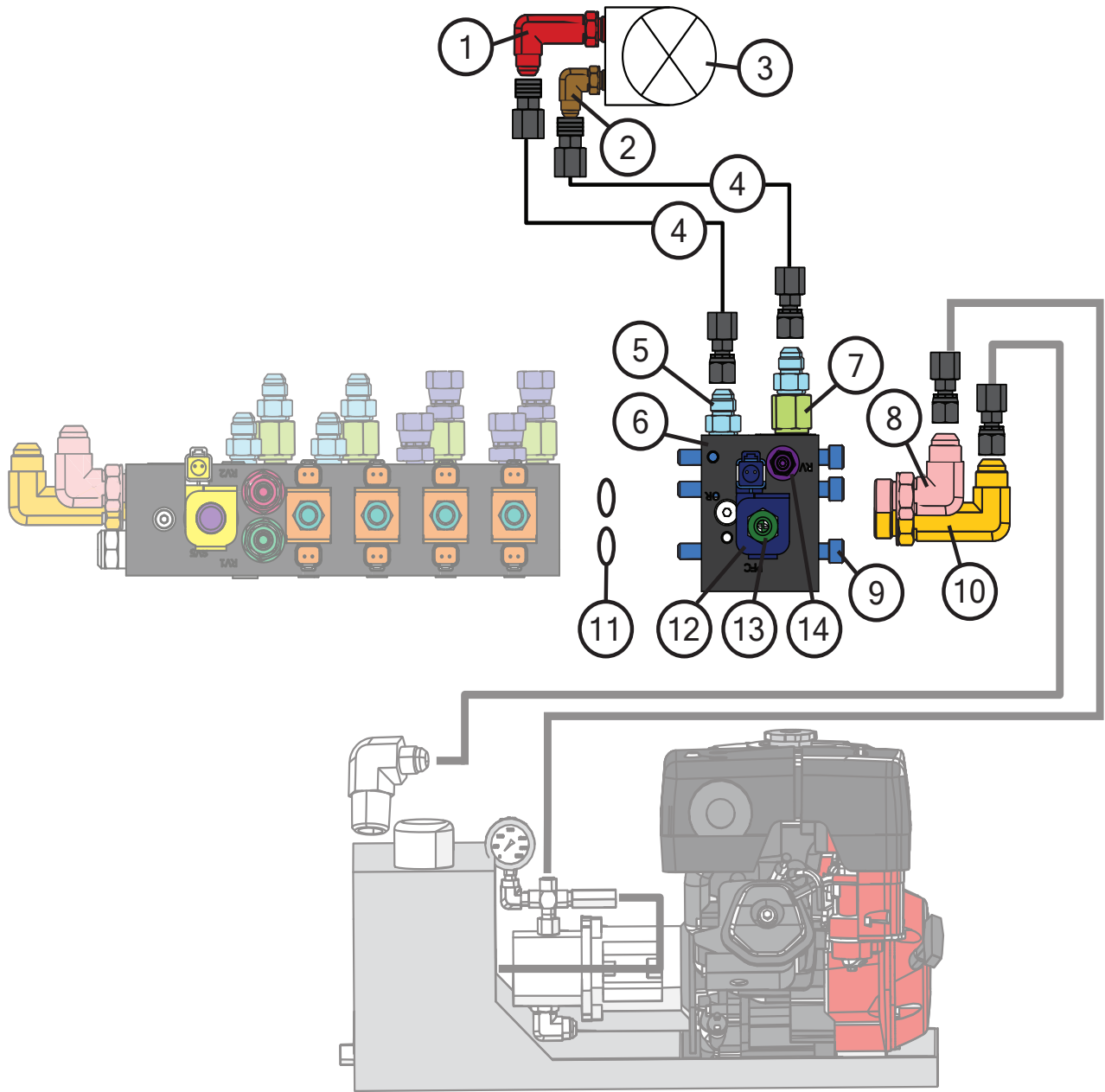


If you do not have an Intercomp remote there are no electrical plugs to use. It runs strictly on hydraulics.

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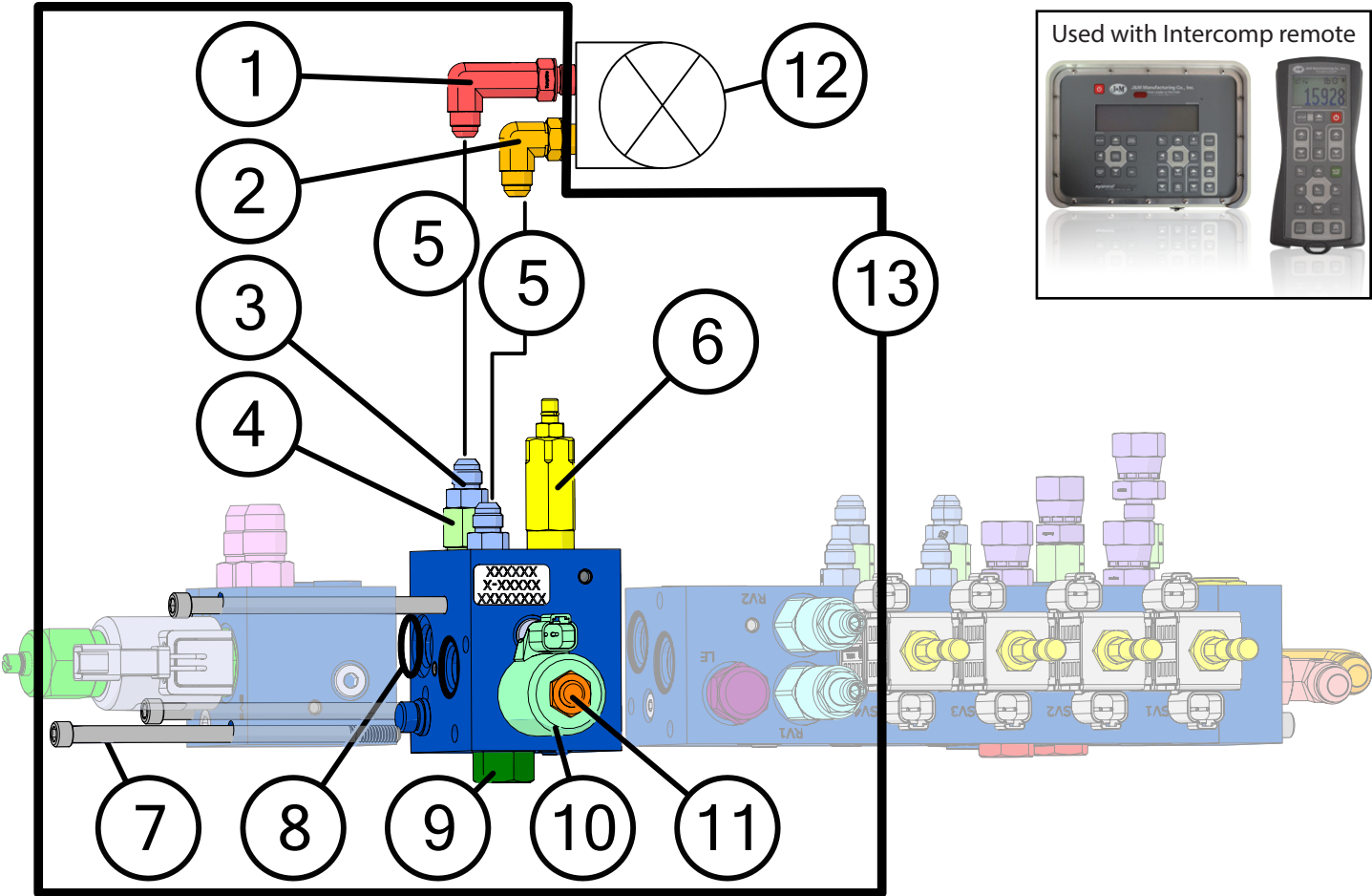


# Hydraulic Schematic and Repair Parts for Black Valve with Talc



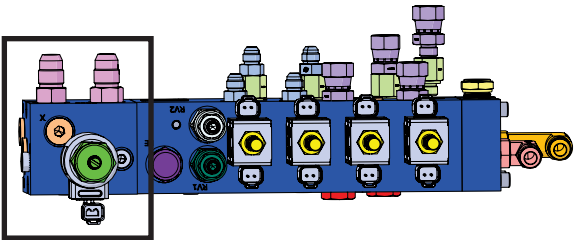
Description	Part No.
1 3/8" Male JIC x 3/8" Male ORB; Extra Long 90 Degree Elbow (6801-LL-06-06)	JM0039050
2 3/8" Male JIC x 3/8" Male ORB; 90 Degree Elbow	JM0026121
3 White Drive Hydraulic Motor - 125032JL5C3AAAAA	JM0042491
4 1/4" x 84" Hydraulic Hose 84inch4M3K-4G-6FJX-4G-6FJX	JM0051419
5 3/8" Male JIC x 3/8" Male ORB; Straight	JM0043614
6 Intercomp Talc Block Assembly (FA/VBBA-TA)	JM0051361
7 3/8" Male ORB x 3/8" Female ORB; Straight Reducer	JM0039051
8 1/2" Male JIC x 1/2" Male ORB; 90 Degree Elbow	JM0010297
9 5/16"-18 x 3-1/2" Socket Head Cap Screw	JM0051418
10 1/2" Male JIC x 1/2" Male ORB; Extra Long 90 Degree Elbow (6801-LL-08-08)	JM0046935
11 Talc O-Ring (FA/VBBA-TA)	JM0051416
12 Talc Coil/Solenoid (FA/VBBA-TA)	JM0051412
13 Talc Cartridge Proportional (FA/VBBA-TA)	JM0051413
14 Talc Pressure Relief Valve (FA/VBBA-TA)	JM0051415

# Electronic Talc Hydraulics Schematic for Blue Valve

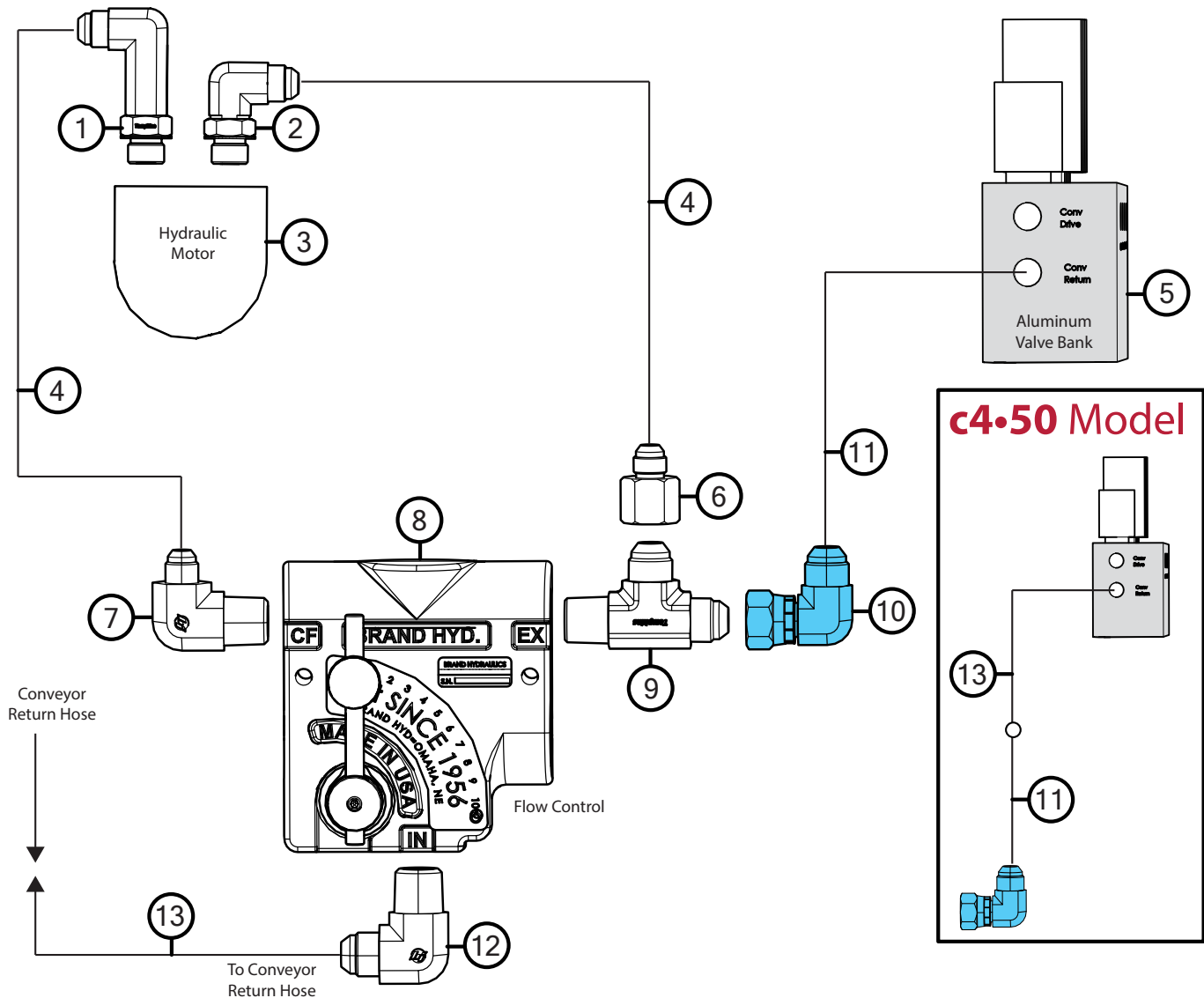


Description		Part No.
1	3/8" Male JIC x 3/8" Male ORB; Extra Long 90 Degree Elbow	JM0039050
2	3/8" Male JIC x 3/8" Male ORB; 90 Degree Elbow	JM0026121
3	3/8" Male JIC x 3/8" Male ORB; Straight	JM0043614
4	3/8" Male ORB x 3/8" Female ORB; Straight Reducer	JM0039051
5	1/4" x 84" Hydraulic Hose 84inch4M3K-4G-6FJX-4G-6FJX	JM0051419
6	Talc Pressure Relief Valve for Blue Force America Valve (RV1-8-S-0-36)	JM0081542
7	5/16"-18 x 6-1/2" Socket Head Cap Screw	JM0081547
8	O-Ring Between Force America Valve Banks	JM0051416
9	Talc Check Valve for Blue Force America Valve (PCS4-10-0-80)	JM0081543
10	Talc Coil/Solenoid for Blue Force America (MCSCJ012DN000010)	JM0081544
11	Talc Cartridge Proportional for Blue Force America (ESV1-10-C-0-00)	JM0081546
12	White Drive Hydraulic Motor - 125032JL5C3AAAAA	JM0042491
13	Full Talc Block Assembly with Hoses and Loose Parts	JM0080827

In 2025 the orientation of the valve changed to what is shown on the right. This doesn't affect steps or parts for this application.

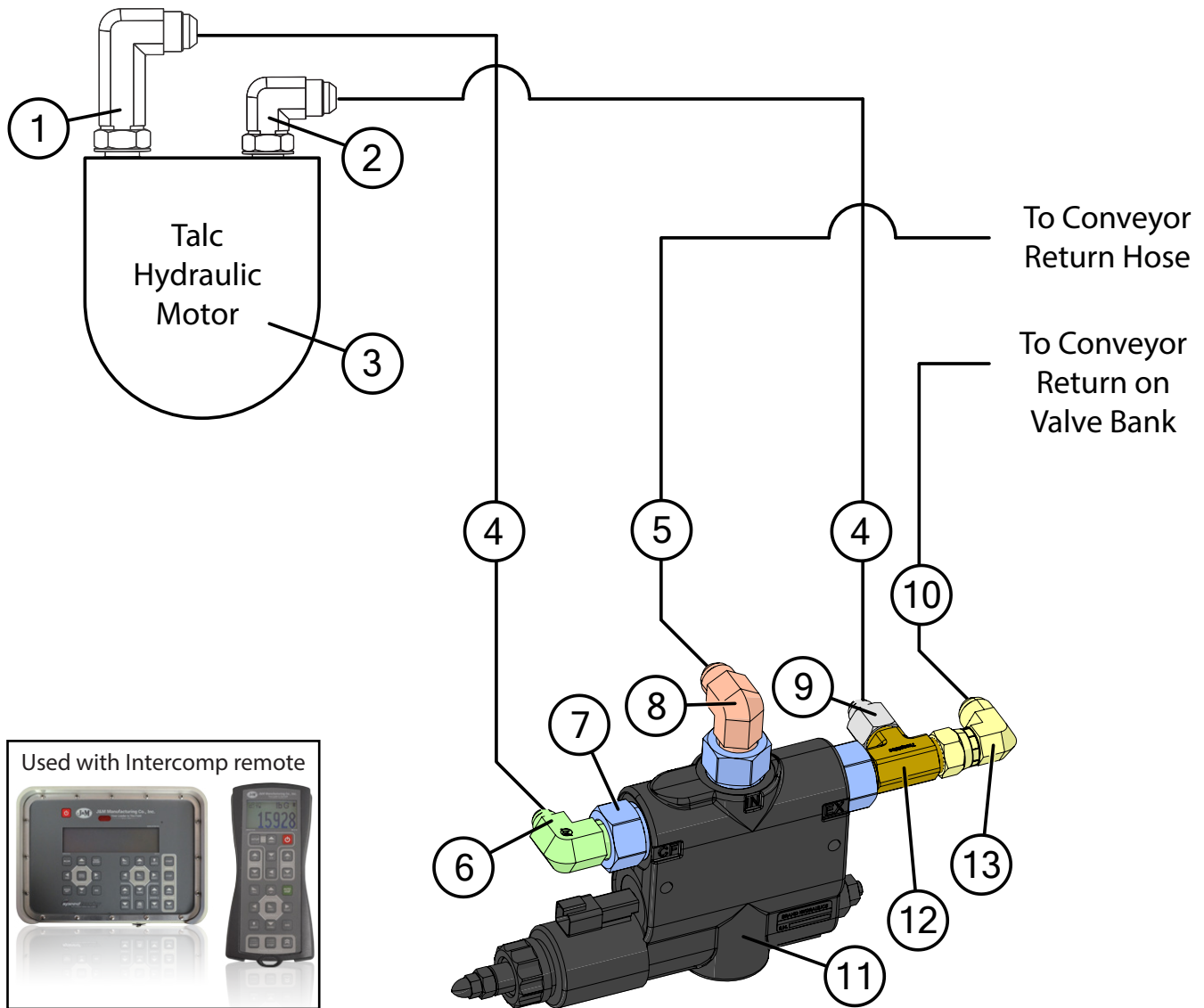


## Hydraulic Schematic and Repair Parts for Silver Valve with Talc



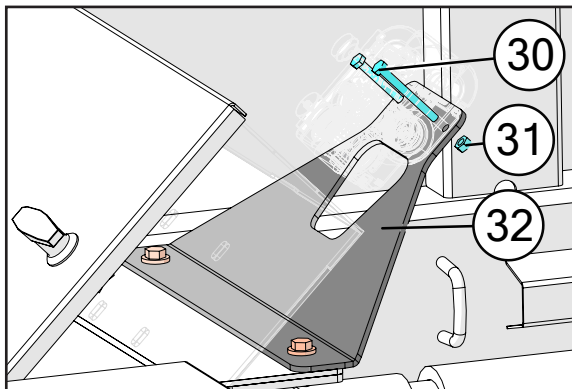
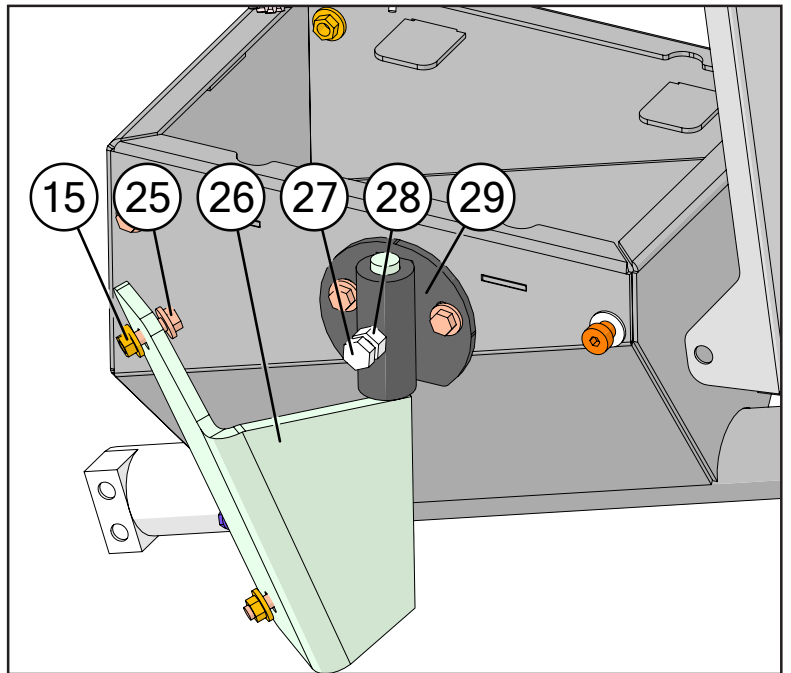
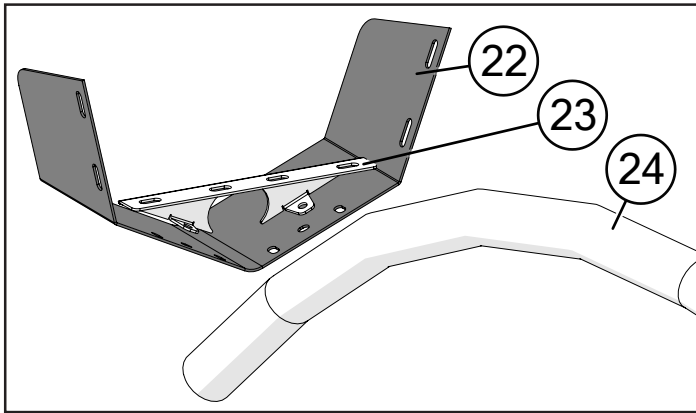
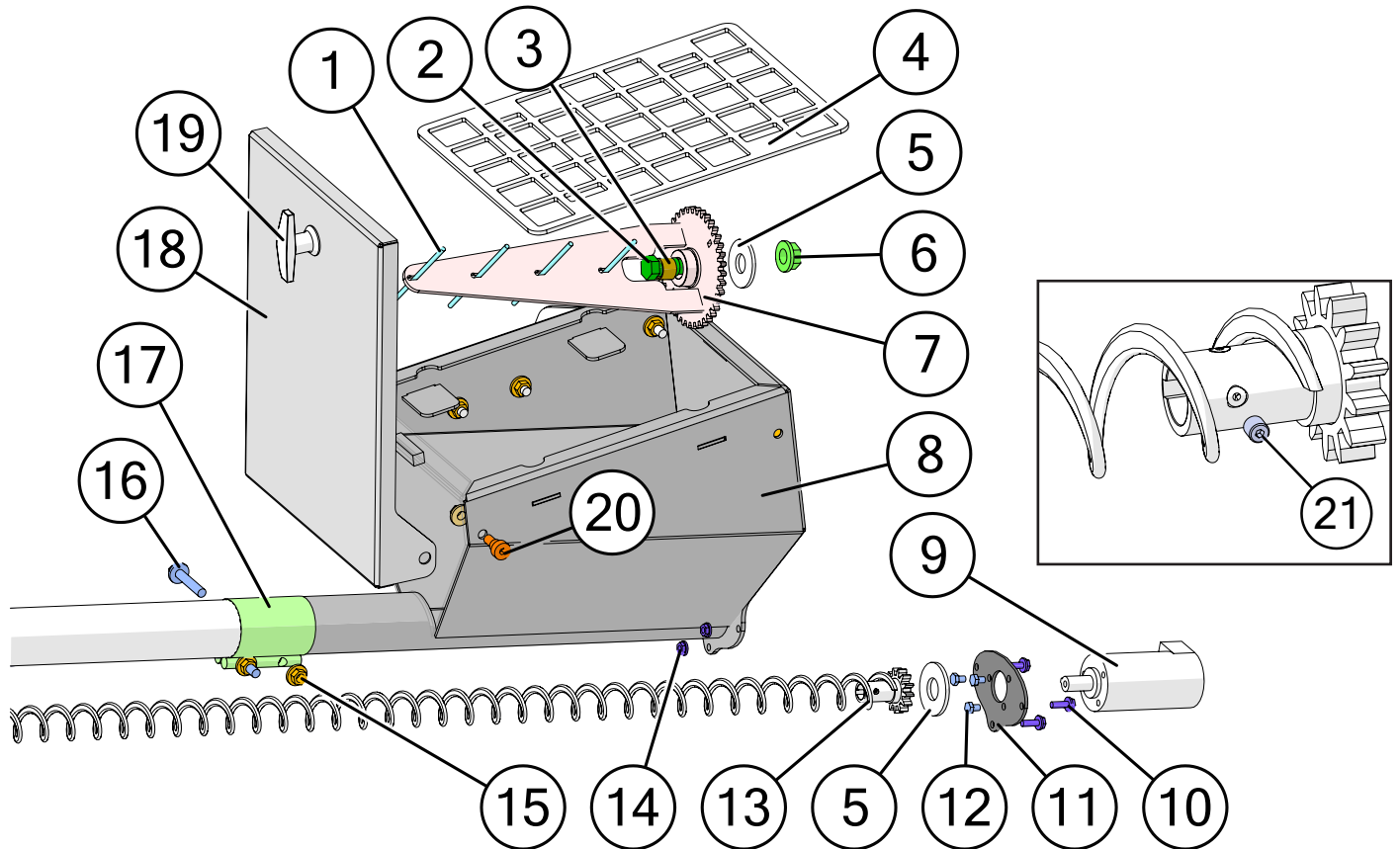
	Description	Part No.
1	3/8" Male JIC x 3/8" Male ORB; Extra Long 90 Degree Elbow	JM0039050
2	3/8" Male JIC x 3/8" Male ORB; 90 Degree Elbow	JM0026121
3	White Drive Hydraulic Motor - 125032JL5C3AAAAA	JM0042491
4	1/4" x 1 1/2" Hydraulic Hose 1 1/2inch4M3K-4G-6FJX-4G-6FJX	JM0042861
5	5 Function Aluminum Manifold Valve Block	JM0029973
6	1/2" Female JIC x 3/8" Male JIC Reducer	JM0026117
7	3/8" Male JIC x 1/2" Male NPT; 90 Degree Elbow	JM0042849
8	Flow Control Talc Applicator FC51 - .5 (0-2 GPM)	JM0026104
9	1/2" Male JIC x 1/2" Male NPT x 1/2" Male JIC Tee	JM0026119
10	1/2" Male JIC x 1/2" Female JIC Swivel; 90 Degree Elbow	JM0010296
11	1/2" x 30" Hydraulic Hose 30inch8M3K-8G-8FJX-8G-8FJX	JM0042863
12	1/2" Male JIC x 1/2" Male NPT; 90 Degree Elbow	JM0042847
13	1/2" x 20" Hydraulic Hose 20inch8M3K-8G-8MJ-8G-8FJX	JM0042862

# Electronic Talc Hydraulics Schematic for Gold Valves



Description	Part No.
1 3/8" Male JIC x 3/8" Male ORB; Extra Long 90 Degree Elbow	JM0039050
2 3/8" Male JIC x 3/8" Male ORB; 90 Degree Elbow	JM0026121
3 White Drive Hydraulic Motor - 125032JL5C3AAAAA	JM0042491
4 1/4" x 116" Hydraulic Hose 116inch4M3K-4G-6FJX-4G-6FJX	JM0042861
5 1/2" x 20" Hydraulic Hose 20inch8M3K-8G-8MJ-8G-8FJX	JM0042862
6 3/8" Male JIC x 1/2" Male NPT; 90 Degree Elbow	JM0042849
7 #12 Male ORB x #8 Female NPT - Straight	JM0080923
8 1/2" Male JIC x 1/2" Male NPT; 90 Degree Elbow	JM0042847
9 1/2" Female JIC x 3/8" Male JIC Reducer	JM0026117
10 1/2" x 30" Hydraulic Hose 30inch8M3K-8G-8FJX-8G-8FJX	JM0042863
11 Brand EFC Talc Valve 0-5 GPM	JM0080429
12 1/2" Male JIC x 1/2" Male NPT x 1/2" Male JIC Tee	JM0026119
13 1/2" Male JIC x 1/2" Female JIC Swivel; 90 Degree Elbow (6500-08-08)	JM0010296

# Talc Parts for LC 290, LC 390



Hydraulic Valve Mount

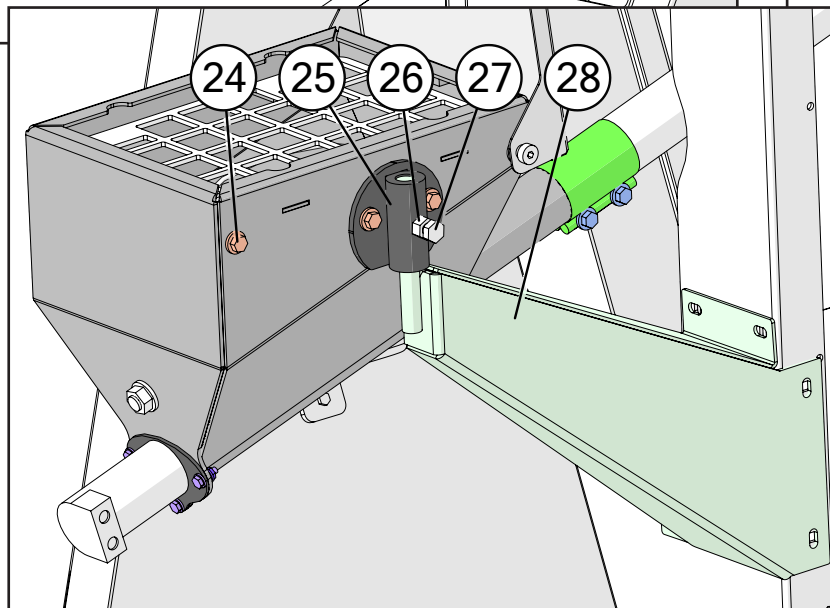
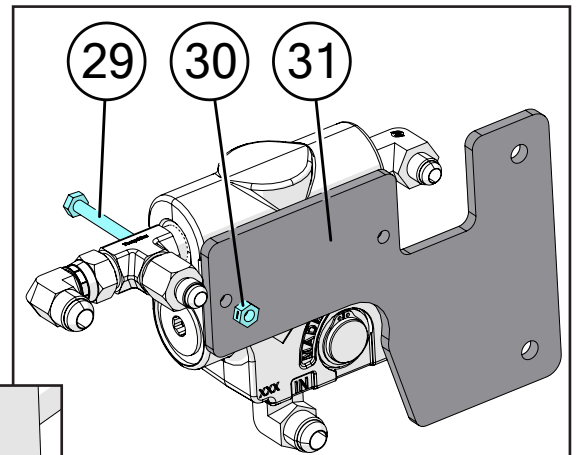
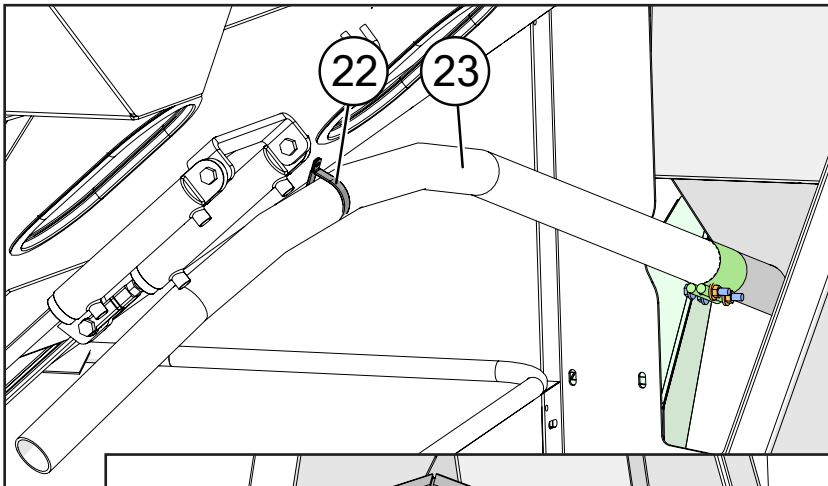
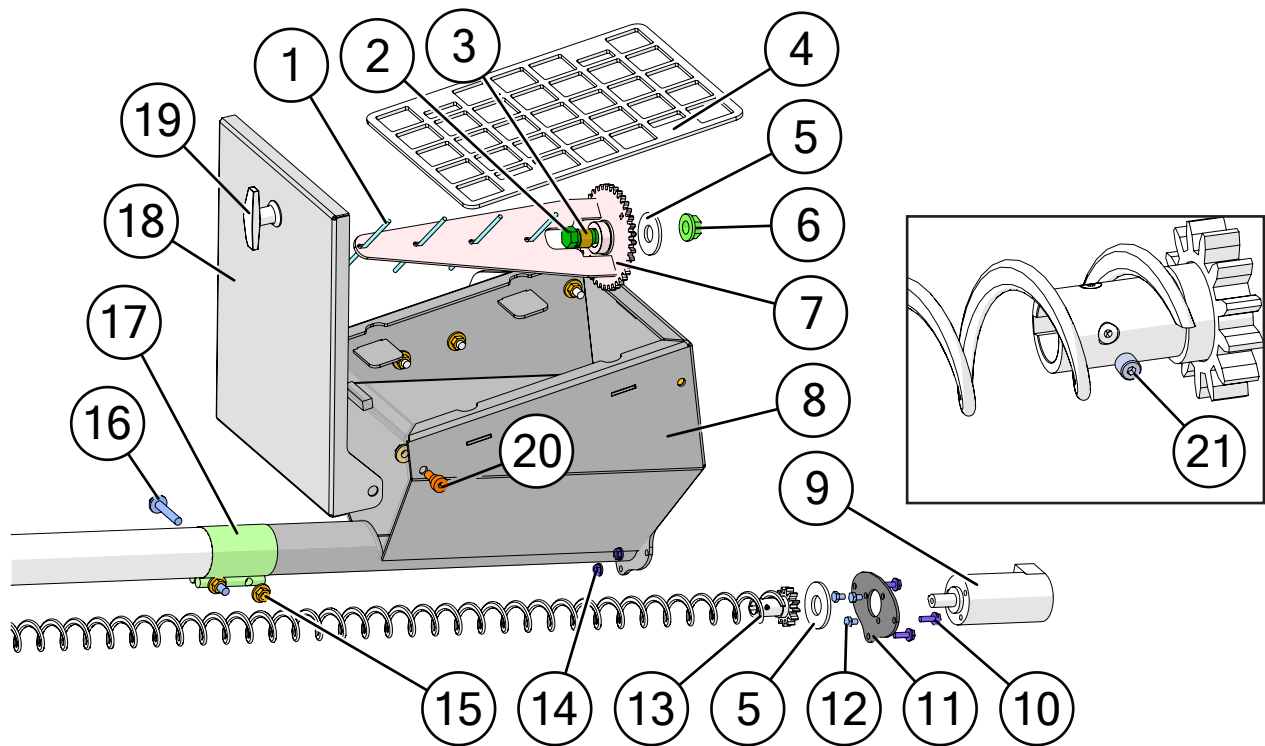
## Talc Parts for LC 290, LC 390

	Description	Part No.	Qty.
1	3/16" Nylon Rod for Talc Agitator	JM0062689	4
2	3/4" Shoulder Dia x 1" Shoulder Length x 5/8"-11 Hex Head Shoulder Bolt and Nut (SB-34)	JM0003181	1
3	3/4" ID x 7/8" OD x 5/8" LG Bronze Bushing (BB-34)	JM0009455	1
4	Large Talc Box Screen (Electric & Hydraulic Motor)	JM0037456	1
5	3/4" USS Z Flat Washer	JM0010006	1
6	5/8"-18 Gr5 Z SF Hex Nut	JM0043101	1
7	Large Agitator 17 Deg. (Electric & Hydraulic Motor)	JM0037241	1
8	17 Deg. Talc Box Weldment (Electric & Hydraulic Motor)	JM0037538	1
9	White Drive Hydraulic Motor - 125032JL5C3AAAAA	JM0042491	1
10	1/4"-20 x 3/4" Gr5 Z SF Hex Bolt	JM0001642	3
11	Flange Plate for Talc Hydraulic Motor	JM0059070	1
12	1/4"-28 x 3/8" Gr5 Z Hex Bolt	JM0043100	3
13	290 Flex Auger Flighting Weldment 63-5/8" 2020 and Newer	JM0082395	1
13	390 Flex Auger Flighting Weldment 71-3/8" 2020 and Newer	JM0083247	-
14	1/4"-20 Gr5 Z SF Hex Nut	JM0001630	3
15	3/8"-16 Gr5 Z SF Hex Nut	JM0002152	12
16	3/8"-16 x 2" Gr5 Z SF Hex Bolt	JM0016070	2
17	2" Exhaust Clamp with Fasteners (Electric & Hydraulic Motor)	JM0037668	1
18	17 Deg. Talc Box Door (Electric & Hydraulic Motor)	JM0037237	1
19	Chrome T-Handle Non-Locking	JM0001911	1
20	1/2" Shoulder Dia x 3/8" Shoulder Length x 3/8"-16 Socket Shoulder Bolt	JM0009998	2
21	10-32 x 1/4" Cup-Point Set Screw	JM0076511	1
22	SpeedTender Rubber Door Skirt for Standard and Talc	JM0048679	-
23	Hydraulic Talc Spout Door Bracket	JM0042542	1
24	290 Flex Auger Heat Bent PVC Pipe	JM0042809	1
24	390 Flex Auger Heat Bent PVC Pipe	JM0042810	-
25	3/8"-16 x 1" Gr5 Z SF Hex Bolt	JM0002092	8
26	Talc Mounting Bracket Weldment (Electric & Hydraulic Motor)	JM0037272	1
27	1/2"-13 x 1" Gr5 Z Hex Bolt	JM0010225	1
28	1/2"-13 Gr2 Z Hex Nut	JM0002124	1
29	Talc Rotation Bracket Weldment (Electric & Hydraulic Motor)	JM0038395	1
30	1/4"-20 x 2-1/2" Gr5 Z Hex Bolt	JM0001506	2
31	1/4"-20 Gr5 Z Centerlock Hex Nut	JM0001505	2
32	Hydraulic Talc Flow Control Mounting Bracket	JM0043097	1

Item 22 is only sent on retro fit kits for 275/375 models



# Talc Parts for LC 535 SpeedTender

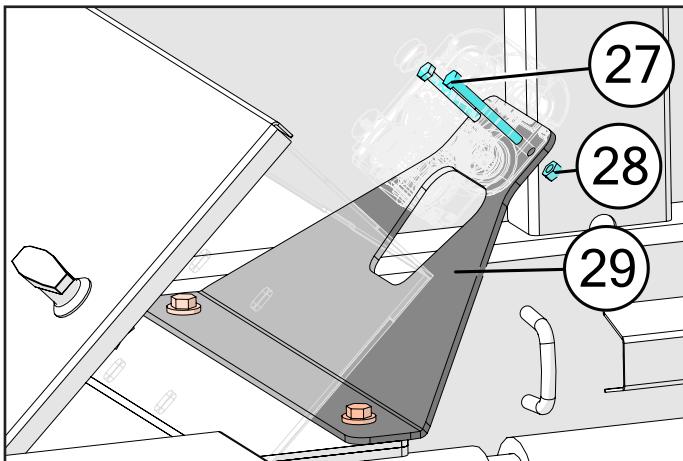
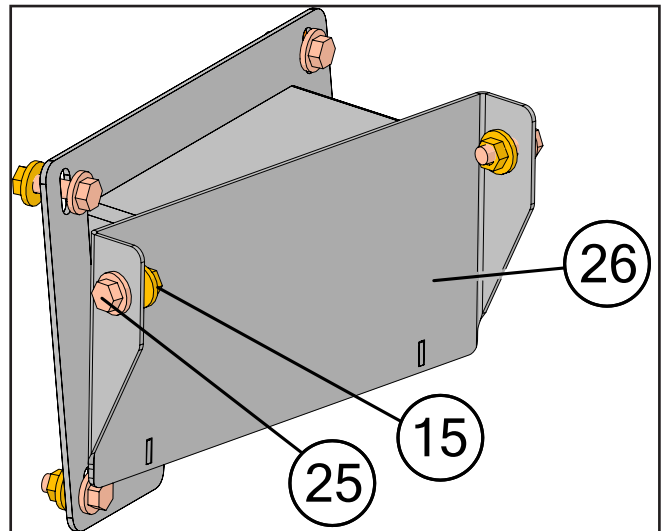
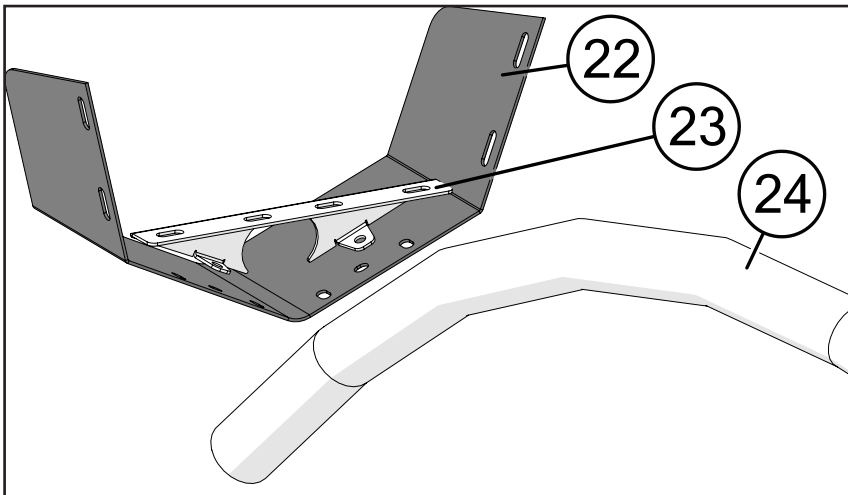
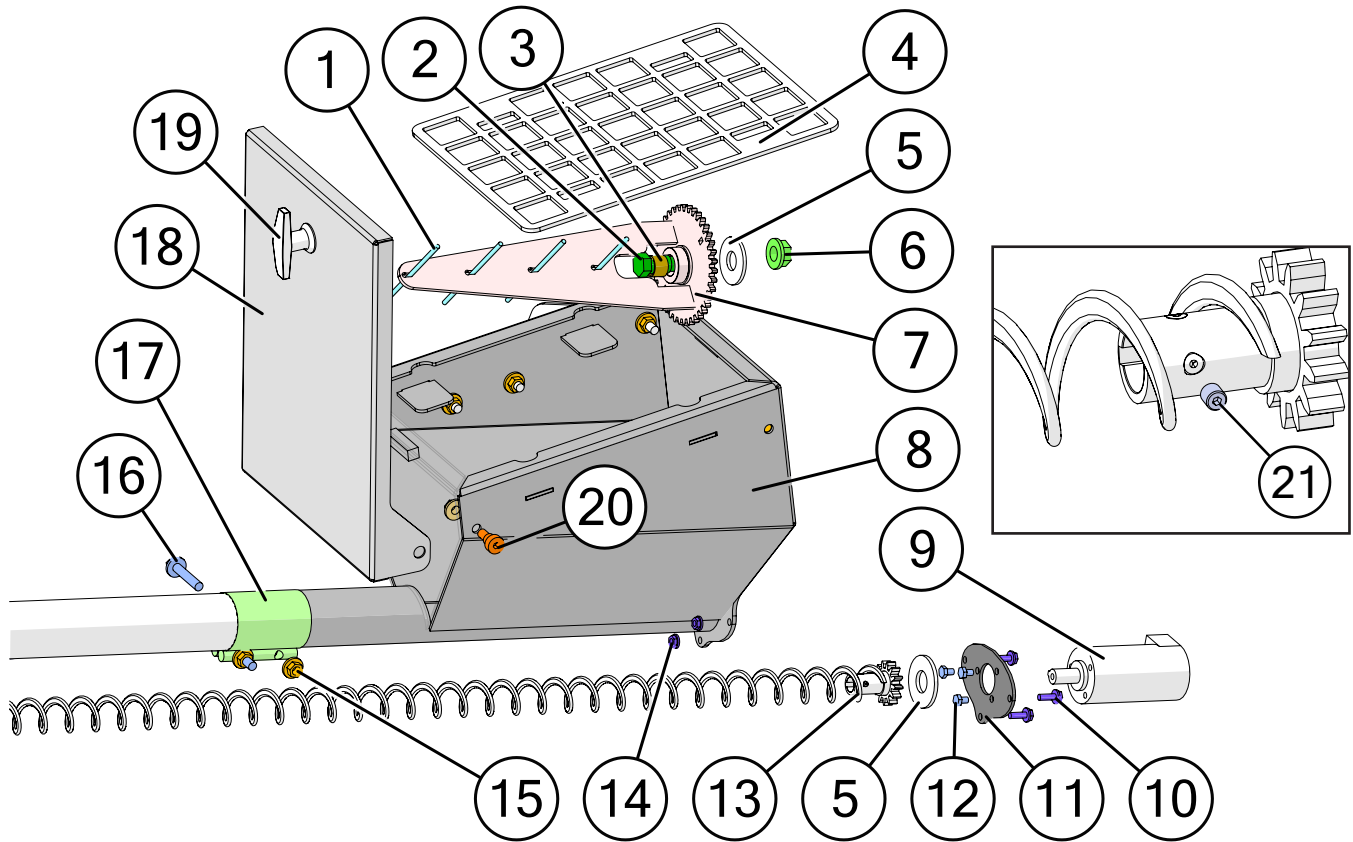




## Talc Parts for LC 535 SpeedTender

	Description	Part No.	Qty.
1	3/16" Nylon Rod for Talc Agitator	JM0062689	4
2	3/4" Shoulder Dia x 1" Shoulder Length x 5/8"-11 Hex Head Shoulder Bolt and Nut (SB-34)	JM0003181	1
3	3/4" ID x 7/8" OD x 5/8" LG Bronze Bushing (BB-34)	JM0009455	1
4	Large Talc Box Screen (Electric & Hydraulic Motor)	JM0037456	1
5	3/4" USS Z Flat Washer	JM0010006	1
6	5/8"-18 Gr5 Z SF Hex Nut	JM0043101	1
7	Large Agitator 17 Deg. (Electric & Hydraulic Motor)	JM0037241	1
8	17 Deg. Talc Box Weldment (Electric & Hydraulic Motor)	JM0037538	1
9	White Drive Hydraulic Motor - 125032JL5C3AAAAA	JM0042491	1
10	1/4"-20 x 3/4" Gr5 Z SF Hex Bolt	JM0001642	3
11	Flange Plate for Talc Hydraulic Motor	JM0059070	1
12	1/4"-28 x 3/8" Gr5 Z Hex Bolt	JM0043100	3
13	C4-50/535 Flex Auger Flighting Weldment	JM0083248	1
14	1/4"-20 Gr5 Z SF Hex Nut	JM0001630	3
15	3/8"-16 Gr5 Z SF Hex Nut	JM0002152	12
16	3/8"-16 x 2" Gr5 Z SF Hex Bolt	JM0016070	2
17	2" Exhaust Clamp with Fasteners (Electric & Hydraulic Motor)	JM0037668	1
18	17 Deg. Talc Box Door (Electric & Hydraulic Motor)	JM0037237	1
19	Chrome T-Handle Non-Locking	JM0001911	1
20	1/2" Shoulder Dia x 3/8" Shoulder Length x 3/8"-16 Socket Shoulder Bolt	JM0009998	2
21	10-32 x 1/4" Cup-Point Set Screw	JM0076511	1
22	2" Pipe Loop Clamp	JM0043498	1
23	535/C4-50 Flex Auger Heat Bent PVC Pipe	JM0043049	1
24	3/8"-16 x 1" Gr5 Z SF Hex Bolt	JM0002092	6
25	Talc Rotation Bracket Weldment (Electric & Hydraulic Motor)	JM0038395	1
26	1/2"-13 Gr2 Z Hex Nut	JM0002124	1
27	1/2"-13 x 1" Gr5 Z Hex Bolt	JM0010225	1
28	510, 535 Talc Mounting Bracket Weldment (Chain and Hydraulic)	JM0037641	1
29	1/4"-20 x 2-1/2" Gr5 Z Hex Bolt	JM0001506	2
30	1/4"-20 Gr5 Z Centerlock Hex Nut	JM0001505	2
31	535 Bolt on Plate Talc Valve	JM0025400	1

# Talc Parts for c4.50

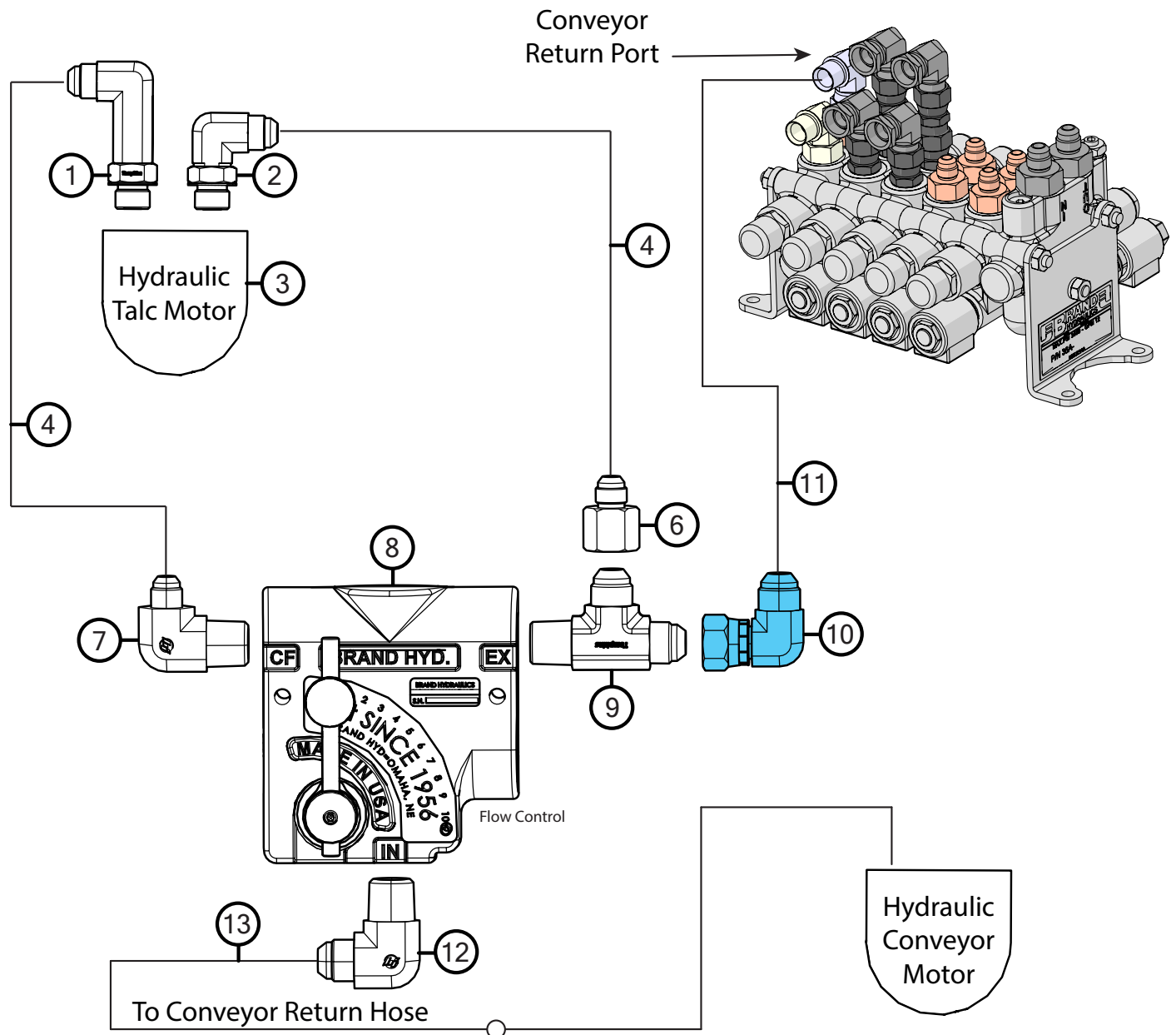


## Hydraulic Valve Mount

## Talc Parts for c450

	Description	Part No.	Qty.
1	3/16" Nylon Rod for Talc Agitator	JM0062689	4
2	3/4" Shoulder Dia x 1" Shoulder Length x 5/8"-11 Hex Head Shoulder Bolt and Nut (SB-34)	JM0003181	1
3	3/4" ID x 7/8" OD x 5/8" LG Bronze Bushing (BB-34)	JM0009455	1
4	Large Talc Box Screen (Electric & Hydraulic Motor)	JM0037456	1
5	3/4" USS Z Flat Washer	JM0010006	1
6	5/8"-18 Gr5 Z SF Hex Nut	JM0043101	1
7	Large Agitator 17 Deg. (Electric & Hydraulic Motor)	JM0037241	1
8	17 Deg. Talc Box Weldment (Electric & Hydraulic Motor)	JM0037538	1
9	White Drive Hydraulic Motor - 125032JL5C3AAAAA	JM0042491	1
10	1/4"-20 x 3/4" Gr5 Z SF Hex Bolt	JM0001642	3
11	Flange Plate for Talc Hydraulic Motor	JM0059070	1
12	1/4"-28 x 3/8" Gr5 Z Hex Bolt	JM0043100	3
13	535, c450, 51 Series Flex Auger Flighting Weldment 88-5/8" 2020 and Newer	JM0083248	1
14	1/4"-20 Gr5 Z SF Hex Nut	JM0001630	3
15	3/8"-16 Gr5 Z SF Hex Nut	JM0002152	18
16	3/8"-16 x 2" Gr5 Z SF Hex Bolt	JM0016070	2
17	2" Exhaust Clamp with Fasteners (Electric & Hydraulic Motor)	JM0037668	1
18	17 Deg. Talc Box Door (Electric & Hydraulic Motor)	JM0037237	1
19	Chrome T-Handle Non-Locking	JM0001911	1
20	1/2" Shoulder Dia x 3/8" Shoulder Length x 3/8"-16 Socket Shoulder Bolt	JM0009998	2
21	10-32 x 1/4" Cup-Point Set Screw	JM0076511	1
22	SpeedTender Rubber Door Skirt for Standard and Talc	JM0048679	-
23	Hydraulic Talc Spout Door Bracket	JM0042542	1
24	Flex Auger Heat Bent PVC Pipe, 535, c450, 51 Series	JM0043049	1
25	3/8"-16 x 3/4" Gr5 Z SF Hex Bolt	JM0001750	8
26	c450 Talc Mounting Bracket Weldment	JM0037645	1
27	1/4"-20 x 2-1/2" Gr5 Z Hex Bolt	JM0001506	2
28	1/4"-20 Gr2 Z Centerlock Hex Nut	JM0001505	2
29	Hydraulic Talc Flow Control Mounting Bracket	JM0043097	1

# Hydraulic Schematic and Repair Parts for Brand Valve



	Description	Part No.
1	3/8" Male JIC x 3/8" Male ORB; Extra Long 90 Degree Elbow	JM0039050
2	3/8" Male JIC x 3/8" Male ORB; 90 Degree Elbow	JM0026121
3	White Drive Hydraulic Motor - 125032JL5C3AAAAA	JM0042491
4	1/4" x 116" Hydraulic Hose 116inch4M3K-4G-6FJX-4G-6FJX	JM0042861
6	1/2" Female JIC x 3/8" Male JIC Reducer	JM0026117
7	3/8" Male JIC x 1/2" Male NPT; 90 Degree Elbow	JM0042849
8	Flow Control Talc Applicator FC51 - .5 (0-2 GPM)	JM0026104
9	1/2" Male JIC x 1/2" Male NPT x 1/2" Male JIC Tee	JM0026119
10	1/2" Male JIC x 1/2" Female JIC Swivel; 90 Degree Elbow	JM0010296
11	1/2" x 30" Hydraulic Hose 30inch8M3K-8G-8FJX-8G-8FJX	JM0042863
12	1/2" Male JIC x 1/2" Male NPT; 90 Degree Elbow	JM0042847
13	1/2" x 20" Hydraulic Hose 20inch8M3K-8G-8MJ-8G-8FJX	JM0042862

# Hydraulic Schematic for 275, 375 (2011-2012)

**For 275 and 375 made in 2011 and 2012 without the deluxe wireless remote** use this diagram to see how to run the hydraulic hoses.

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

