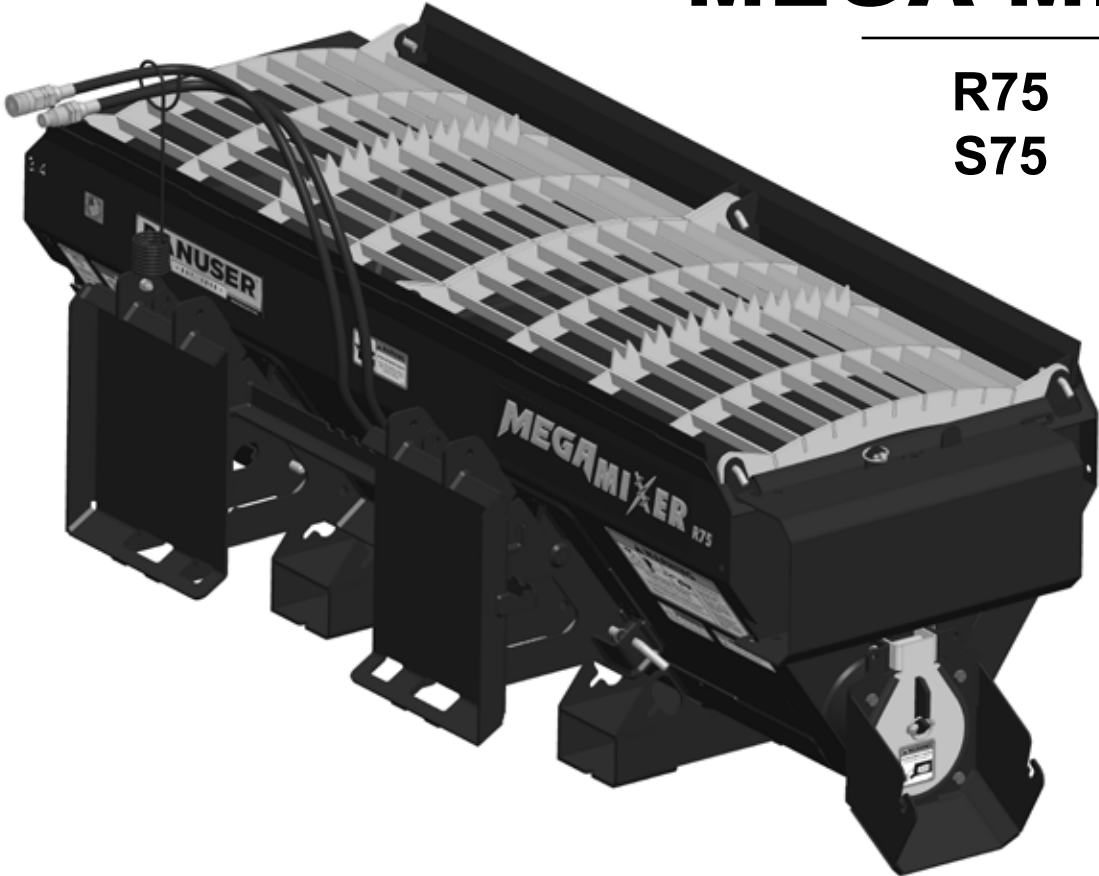




# MEGA MIXER

R75  
S75



Read this entire manual. This safety alert symbol is used throughout this manual to call your attention to messages involving your personal safety and the safety of others. Failure to follow these instructions can result in injury or death.

## WARNING

*Si no entiende ingles, se prefiere que busque a alguien que interprete las instrucciones para usted.*

Owner: \_\_\_\_\_

Date Purchased: \_\_\_\_\_

Model #: \_\_\_\_\_ Serial #: \_\_\_\_\_

Manual #: 9MMEGA2458101

## Operator's Manual

Danuser LLC  
500 E. 3rd St.  
P.O. Box 368  
Fulton, MO 65251  
Tel: (573) 642-2246 Fax: (573) 642-2240  
E-mail: sales@danuser.com  
Website: www.danuser.com



Dear Owner/Operator,

Thank you for purchasing this Danuser Mega Mixer. We appreciate your business.

With a 3/4 yard capacity, the Mega Mixer is designed to mix concrete or scoop material from a pile, then transport and dispense the concrete or material where it is needed.

Your safety as an operator of our product is very important to us. Therefore, *before* you assemble, install, operate, maintain, service, remove, or move your Danuser Mega Mixer, read and understand this manual thoroughly. If there is anything you do not understand, immediately contact your dealer, or contact our factory direct.

Phone:	(573) 642-2246
Fax:	(573) 642-2240
E-mail:	sales@danuser.com

Your satisfaction in the performance and longevity of our product is also very important to us and can be prolonged by proper assembly, installation, operation, and maintenance as instructed in this manual.

Thank you again for your business and for your trust in our product. Please feel free to contact us at any time for further assistance.

Sincerely,

Danuser LLC  
500 E. 3rd St.  
P.O. Box 368  
Fulton, MO 65251

Tel: (573) 642-2246 Fax: (573) 642-2240  
E-mail: sales@danuser.com Website: www.danuser.com

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Danuser is a registered trademark.

# Foreword


*Please read this manual thoroughly!*





**Before** you assemble, install, operate, maintain, service, remove, or move your Danuser Mega Mixer, read this manual thoroughly. If there is anything you do not understand, immediately contact your dealer, or call our factory direct at (573) 642-2246. Powered equipment can be dangerous if not assembled, installed, operated, maintained, serviced, removed, or moved properly.

### *Warranty Registration*

To activate your warranty coverage and to provide you with efficient customer service, please fill out your WARRANTY REGISTRATION FORM. This form is included in your unit's paperwork package. If you did not complete a WARRANTY REGISTRATION FORM or did not receive one, please call Danuser LLC. Or, register online at [www.Danuser.com](http://www.Danuser.com). Your satisfaction with our product and your safety as a user of our product are both very important to us.

# Symbols

 This SAFETY ALERT symbol identifies important safety messages. Carefully read each safety message that follows. Failure to understand and obey a safety message, or recognize a safety hazard, could result in injury or death to you or others around you. The operator is ultimately responsible for the safety of himself, as well as others, in the operating area of the Mega Mixer.

<i>Symbol</i>	<i>Meaning</i>
	Indicates an imminently hazardous situation which, if not avoided, <b>will</b> result in death or serious injury.
	Indicates a potentially hazardous situation which, if not avoided, <b>could</b> result in death or serious injury, including hazards that are exposed when guards are removed.
	Indicates a potentially hazardous situation which, if not avoided, <b>may</b> result in minor or moderate injury. It may also be used to alert against unsafe practices.
	This is important information for proper use of this equipment. Failure to comply may lead to premature equipment failure.

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## **WARNING**

Working with unfamiliar equipment can lead to careless injuries. Read and understand this manual and the manual for your vehicle before assembling, installing, operating, maintaining, servicing, removing, or moving this Danuser Mega Mixer. If there is anything in this manual you do not understand, contact your dealer or Danuser LLC. The safe use of this attachment is strictly up to you, the operator. If this attachment is used, loaned, or rented by any other person, it is the owner's responsibility to make certain that the operator prior to operating:

- Reads and understands the Operator's Manuals
  - Is instructed in safe and proper use
- The Mega Mixer is designed to be operated from the vehicle seat. Keep bystanders away from the work area. Do not operate with another person in contact with the Mega Mixer.
  - All operators of this attachment must read and understand this entire manual, paying particular attention to safety messages and operation instructions, prior to assembling, installing, operating, maintaining, servicing, removing, or moving the Mega Mixer.
  - Please remember it is also important that you read, understand, and follow the safety signs on the attachment. Clean or replace all safety signs if they cannot be clearly read and understood. They are there for your safety as well as the safety of others. Danuser LLC will furnish new safety signs upon request at no charge.
  - All things with moving parts are potentially hazardous. There is no substitute for a cautious, safe-minded operator who recognizes potential hazards and follows reasonable safety practices.
  - Personal protection equipment including hard hat, safety glasses, safety shoes, gloves, and ear plugs are recommended during assembly, installation, operation, maintenance, service, removal, or movement of the attachment.
  - Exposure to silica dust and other dust hazards can cause serious or fatal respiratory disease. Use appropriate respiratory protection.
  - When the use of hand tools is required to perform any part of assembly, installation, operation, maintenance, or service of the attachment, be sure the tools used are designed and recommended by the tool manufacturer for that specific task.
  - Never check pressurized system for leaks with your bare hand. Wear proper hand and eye protection and use wood or cardboard when searching for suspected leaks. Oil escaping from pinhole leaks under pressure can penetrate skin and create a serious medical emergency. If any fluid is injected into the skin, gangrene, blood poisoning, even death may result. Obtain medical attention immediately.
  - Always use two people to handle heavy, unwieldy components during assembly, installation, maintenance, service, removal, or movement of the attachment.
  - Never place any part of your body where it would be in danger if movement should occur during assembly, installation, operation, maintenance, service, removal, or movement of the Mega Mixer.
  - Only properly trained people should operate this equipment. Do not allow anyone who has not read this entire manual and understood the safety rules, safety signs, and operation instructions to use this attachment.
  - Never allow children to operate or be around the Mega Mixer.
  - Do not use the Mega Mixer as a work platform.
  - Do not allow riders on the equipment at any time. There is no safe place for any riders.

# Safety

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(continued)

- Never use alcoholic beverages or drugs which can hinder alertness or coordination while operating this equipment. Consult your doctor about operating this equipment while taking prescription or over-the-counter medications.
- Safe operation of equipment requires the operator's full attention. Avoid distractions such as radio headphones, cell phones, etc. while operating.
- Stay away from power lines when transporting, raising, or operating the attachment. Electrocutation can occur without direct contact.
- The Mega Mixer must be securely latched to the vehicle. Ensure both locking handles are in the locked position with pins fully seated. Ensure intermediate coupler is properly connected and all connecting pins are securely in place. Properly secure the Mega Mixer when utilizing fork pocket mounting. An improperly latched Mega Mixer can fall without warning.
- Make sure all guards and safety grates are in place and secured before operating equipment.
- Keep hands, feet, hair, jewelry, and clothing away from all moving and/or rotating parts.
- Never place yourself between the vehicle and the attachment.
- Never allow anyone under the attachment at any time.
- Never reach into discharge end of auger.
- Keep clear of auger while in operation. Never position the material by hand or with any tool when the auger is rotating.
- Do not exceed the vehicle's rated operating load. Use sufficient counterweights. Move the vehicle slowly when the attachment is raised.
- Carry the load low. A heavy load can cause instability of the vehicle. Use extreme care during travel. Slow down on turns and watch out for bumps. Use all safety devices, including a seat belt, as recommended in the vehicle operator's manual.
- For operator safety, always keep the load in front of the vehicle. Load should never be tilted toward or positioned over the operator.
- Do not operate the Mega Mixer on steep hillsides. When operating the Mega Mixer on uneven or hilly terrain, position the vehicle with the attachment uphill. With the attachment downhill, the vehicle could tip when attempting to raise the Mega Mixer. Consult your vehicle operator's manual for maximum incline allowable.
- Always shut off the vehicle engine, remove the key, lower vehicle arms, and relieve all hydraulic pressure before dismounting the vehicle. Never leave equipment unattended with the vehicle running.
- Never attempt adjustments, service, or repairs while the equipment is in operation.
- Never work under equipment supported by hydraulics. Even with the vehicle shut off, equipment can suddenly drop if controls are actuated or if hydraulic lines burst.
- Before disconnecting hydraulic lines or fittings, be sure to relieve all pressure by cycling all hydraulic controls after shutdown. Remember hydraulic systems are under pressure whenever the engine is running and may hold pressure after shutdown.
- Store the attachment on a flat, level surface where children do not play. Securely block and support the attachment.
- Do not modify the attachment. Modifications can weaken the integrity of the attachment and may impair the safety, function, life, and performance of the Mega Mixer.

# Safety

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(continued)

- When making repairs or servicing the Mega Mixer, use only parts that meet the original equipment manufacturer's standards and requirements.
- Always use care when operating the Mega Mixer. Most accidents occur because of neglect or carelessness.

Safety is a primary concern in the design, manufacture, sale, and use of the Mega Mixer. Danuser confirms to you, our customer, our concern for safety.

## **DANGER**

**Improper operation of this Mega Mixer can cause serious personal injury or death. Operation of this attachment should only be done by a competent adult acting in compliance with the Operator's Manual. Since Mega Mixer operations are beyond our control, we disclaim all liability for any damages, injuries, or death which may result.**

# Decals & Safety Signs

The Mega Mixer comes equipped with all safety signs in place. Their locations are shown in this section. Read and follow their instructions and ensure their care:

- Keep safety signs clean and legible at all times.
- Replace safety signs that are missing, illegible, or damaged.
- Ensure replacement parts installed during repair have safety signs attached.

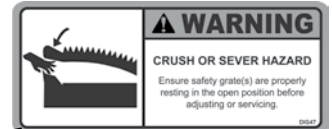
To install new safety signs, follow these steps:

1. Clean the area where the safety sign is to be placed.
2. Spray a little soapy water on the surface where the safety sign is to be placed.
3. Peel the backing from the safety sign, and apply it in the position shown.
4. Firmly press the safety sign, and squeeze out the air bubbles with a straight edge (e.g., a credit card).

**PART NO. 9875**  
Locations: Hopper, both sides



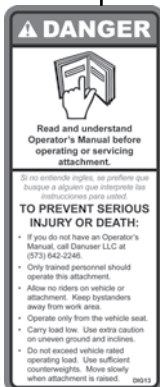
**PART NO. DANUSER101**  
Locations: Hopper, both sides



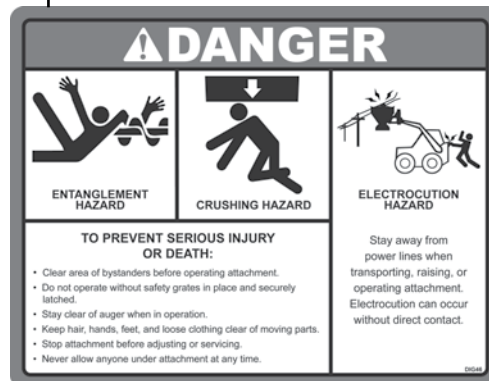
**PART NO. DIG47**  
Locations: Hopper, both sides



**PART NO. 170130**  
Locations: Hopper, both sides



**PART NO. DIG13**  
Locations: Hopper, both sides



**PART NO. DIG46**  
Locations: Hopper, both sides



**PART NO. DIG5**  
Location: Hopper, motor end

# Decals & Safety Signs

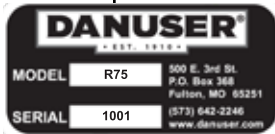
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**R75**

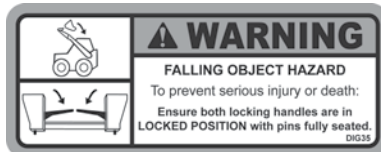
**PART NO. 170132**  
Locations:  
R75 Hopper,  
both sides

**S75**

**PART NO. 170133**  
Locations:  
S75 Hopper,  
both sides



**Model No. & Serial No.**  
Location: Hopper, motor end

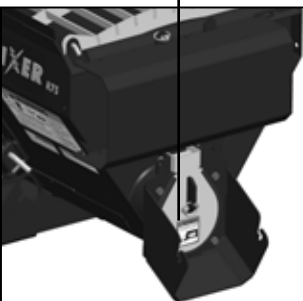


**PART NO. DIG35**  
Locations: Hopper,  
both sides

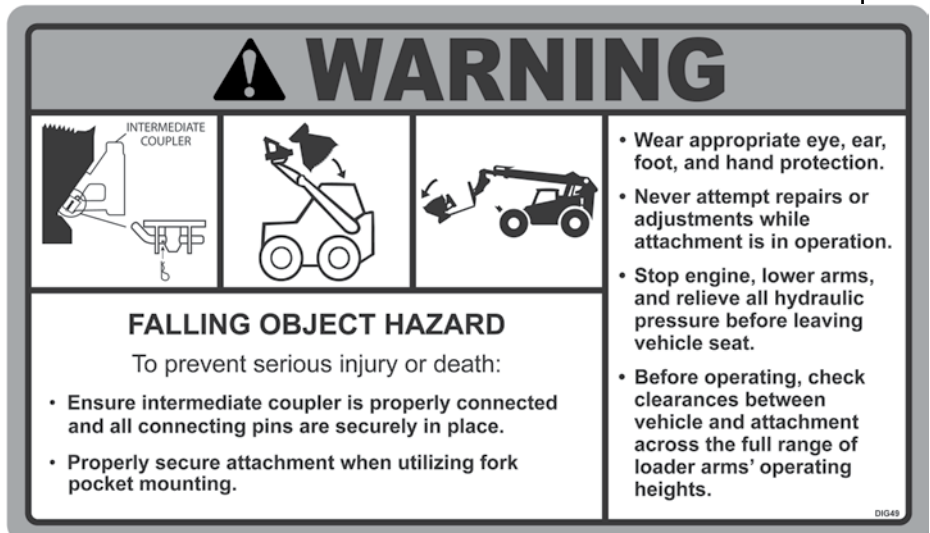


**PART NO. DIG30**  
Locations: Hopper, both sides

**PART NO. DIG48**  
Location: Discharge flap



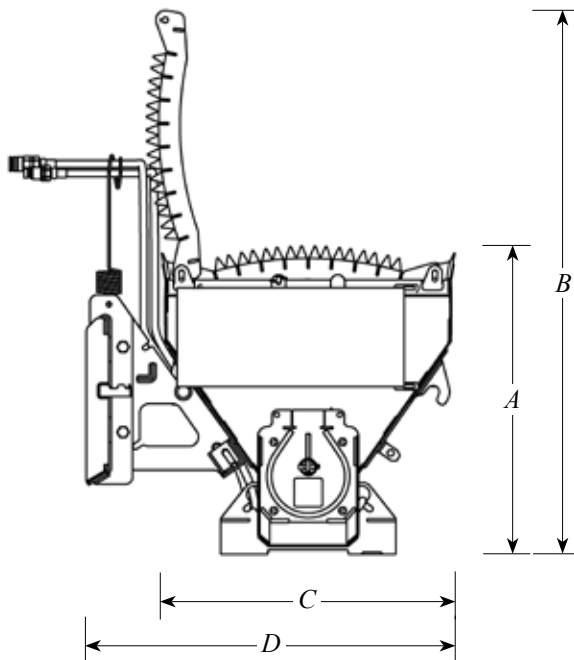
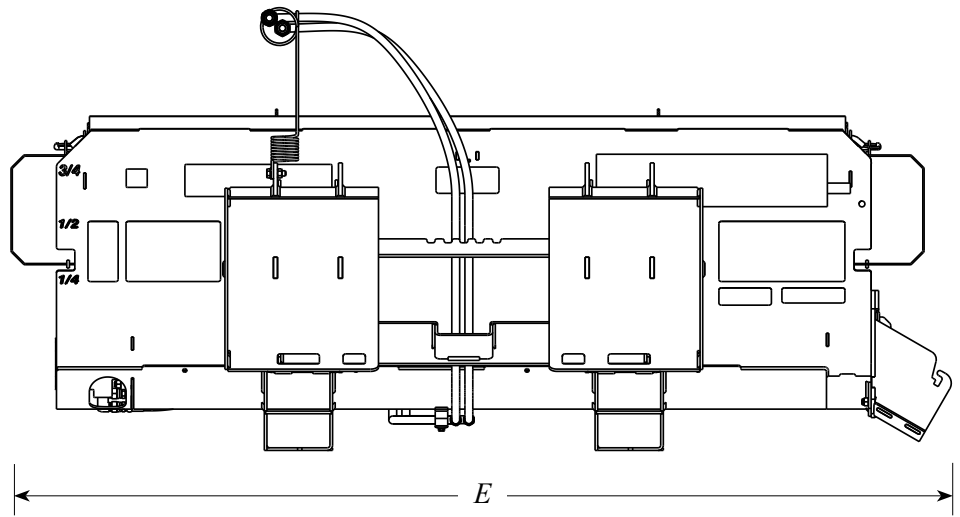
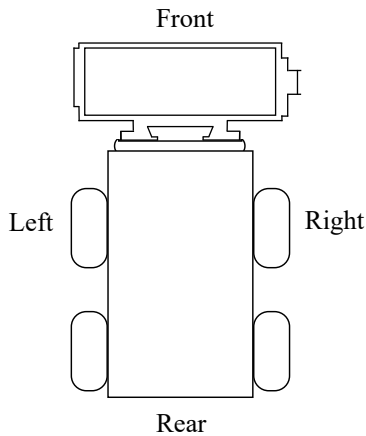
Dispensing End View



**PART NO. DIG49**  
Locations: Hopper, both sides

# Specifications

Operator's Manual  
Direction Terminology



Mega Mixer	R75	S75
Height, Grates Lowered (A)	32"	
Height, Grates Raised (B)	57.25"	
Hopper Width (C)	31"	
Overall Width (D)	38.75"	
Overall Length (E)	84.75"	
Weight	790 lbs.	780 lbs.
Auger Diameter	6" steel with 2" rubber	8"
Center Column Diameter	2.38" O.D. 0.22" wall	
Auger Length	70"	
Flighting Spacing	4.5"	
Capacity	3/4 yard (20 ft <sup>3</sup> ) Up to 1 yard (27 ft <sup>3</sup> ) with optional hopper extension	
80-lb. Bags Concrete Mix	Approx. 35 (3/4 yd) Approx. 46 (1 yd)	
Dispense Rate	35 seconds @ 25 GPM	
Hydraulic Requirements	Up to 25 GPM Up to 3500 PSI	
Mounting Options	Skid-Steer Pallet Forks	

Material	R75	S75
Concrete	★★★	★★
Mortar	★★★	N/A
Grout	★★★	N/A
Feed	★★	★★★★
Wet Sand	★	★★★★
Dry Sand	★★	★★★★
1" Clean	★★	★★★★
2" Gravel	N/A	★★★★
Topsoil	★	★★★★
Sawdust	★★★	★★★★
Compost	★★	★★★★
Mulch	★	★★★★
Manure	★★	★★★★

Best ★★★ Good ★★ Poor ★

# Hydraulic Requirements

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## **Filtration Requirements:**

- A filter of, at least, 10 micron filtration is required.

### **NOTE**

The life of the hydraulic componentry is almost entirely dependent upon cleanliness of the oil. Instructions in your vehicle operator's manual regarding filter and oil changes should be carefully followed. Even small amounts of dirt in the hydraulic oil can cause premature hydraulic componentry failure that is not covered by warranty.

## **Pressure and Flow Requirements:**

- The Mega Mixer is designed to operate up to 25 GPM and up to 3500 PSI.

## **Valve Requirements:**

- The hydraulic system used to power the Mega Mixer should be equipped with a four-way valve large enough to carry full pump outlet without restricting flow and causing oil heating.

## **Hydraulic Hose Requirements:**

- High pressure hoses of 1/2" inside diameter or greater connect the four-way valve to the hydraulic motor on the Mega Mixer.
- Working pressure of hydraulic hoses must be higher than the rated vehicle hydraulic pressure.
- An abrasion sleeve is recommended for hydraulic hoses.
- All hoses, pipes, and fittings used to connect the Mega Mixer should be thoroughly cleaned before use. Care should be taken to see that no thread sealer or metal chips are forced to the inside of the joints when connections are being tightened.

## **Hydraulic Fluid Selection Requirements:**

- Premium grade petroleum based fluids will provide the best performance.
- Fluids that contain anti-wear agents, rust inhibitors, anti-foaming agents, and oxidation inhibitors are recommended.
- The viscosity of the fluid should never fall below 70 SUS (13 cST). The best viscosity range for the Mega Mixer is 100-200 SUS (20-43 cST).

# Assembly & Installation

## ⚠️ WARNING

Personal protection equipment including hard hat, safety glasses, safety shoes, gloves, and ear plugs are recommended during assembly, installation, operation, maintenance, service, removal, or movement of the attachment.

## ⚠️ CAUTION

Always use two people to handle heavy, unwieldy components during assembly, installation, maintenance, service, removal, or movement of the attachment.

### Prepare the Vehicle

Read and understand the manual for your vehicle before assembling or installing the Mega Mixer. The vehicle must be equipped with auxiliary hydraulics and either a skid-steer quick attach hitch or pallet forks. The use of the Mega Mixer may require the addition of counterweights to ensure the combined weight of the attachment and load does not exceed the rated capacity of your vehicle.

## ⚠️ WARNING

**Do not exceed the vehicle's rated operating load. If necessary, use sufficient counterweights.**

### *Recommended Tools*

- 3/4" wrench (2)
- 9/16" wrench
- Box cutter/metal snips

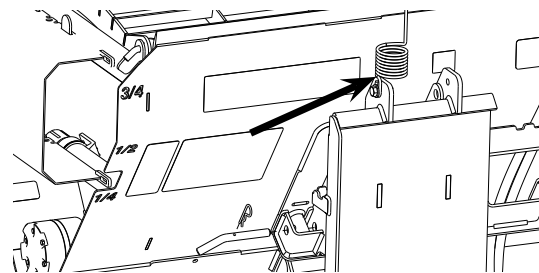
STEP 1: Remove the bolts securing the Mega Mixer to pallet, banding, and any other packaging materials. Set aside safety grates. Remove chutes and hang on hopper sides, securing with klik pins.

STEP 2: Place the safety grates atop the hopper with the bottom of each safety grate resting on the support and the bag breaker facing upwards. Once both safety grates are in place, insert the six hinge pins into the safety grates, and turn each downward to secure.

## ⚠️ DANGER

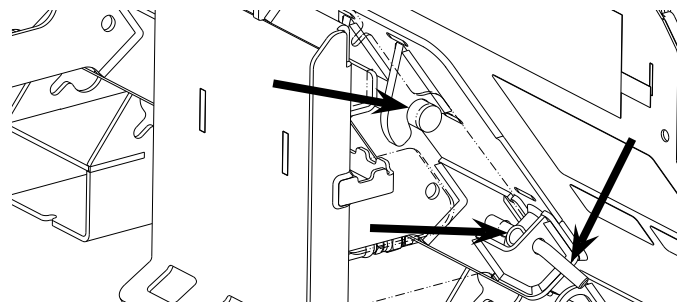
**Do not operate Mega Mixer without safety grates in place and securely latched.**

STEP 3: Using two 3/4" wrenches, attach the hose retention spring to the side of the Mega Mixer closest to the hydraulic connections on your vehicle (i.e., the left side on most skid-steers and compact track loaders). Tighten the nut to the torque specified in the *Torque Values Chart*.



STEP 4: Route the hydraulic hoses through the hose retention spring.

STEP 5: Ensure the intermediate mount is properly connected. The rods on the intermediate mount should be fully engaged in the hopper hooks with connecting pins and hair pin cotters in place.



STEP 6: Park the vehicle on level ground, and install the Mega Mixer by following your vehicle operator's manual for installing an attachment.

# Assembly & Installation

(continued)

## WARNING

Keep hands, feet, hair, jewelry, and clothing away from all moving and/or rotating parts.

# Assembly & Installation

Changing Dispensing Side  
(Skid-Steer Mount)

## WARNING

Personal protection equipment including hard hat, safety glasses, safety shoes, gloves, and ear plugs are recommended during assembly, installation, operation, maintenance, service, removal, or movement of the attachment.

12

## WARNING

The Mega Mixer must be securely latched to the vehicle. Ensure both locking handles are in the locked position with pins fully seated. Ensure intermediate coupler is properly connected and all connecting pins are securely in place. Properly secure the Mega Mixer when utilizing fork pocket mounting. An improperly latched Mega Mixer can fall without warning.

- STEP 7: Ensure there is sufficient clearance between the Mega Mixer and the vehicle. Ensure vehicle cab door, if equipped, can be opened freely. If necessary, refer to *Intermediate Mount Adjustment*.
- STEP 8: Connect the hydraulic hoses to the vehicle's auxiliary hydraulics. Test the vehicle to make sure you have enough hose length to perform the full range of the loader arms' operating heights.

## WARNING

Before connecting or disconnecting hydraulic lines or fittings, be sure to relieve all pressure by cycling all hydraulic controls after shutdown. Remember hydraulic systems are under pressure whenever the engine is running and may hold pressure after shutdown.

**NOTE** Ensure quick couplers are clean prior to connection.

**NOTE** Hose routing is the responsibility of the operator. Pinched and/or stretched hoses are not covered under the warranty.

- STEP 9: Engage the vehicle's auxiliary hydraulics to make sure the Mega Mixer auger freely rotates forward and reverse.
- STEP 10: Check the hydraulic system for leaks.

## WARNING

Never check pressurized system for leaks with your bare hand. Wear proper hand and eye protection and use wood or cardboard when searching for suspected leaks. Oil escaping from pinhole leaks under pressure can penetrate skin and create a serious medical emergency. If any fluid is injected into the skin, gangrene, blood poisoning, even death may result. Obtain medical attention immediately.

The Mega Mixer may be configured to dispense material from the left or right side.

- STEP 1: Park the vehicle on level ground, and rest the Mega Mixer on a solid, level surface.
- STEP 2: Shut off the vehicle, and relieve all hydraulic pressure.
- STEP 3: Disconnect hydraulic hoses from the vehicle, pull hoses through hose retention spring, and drape hoses over center of hopper.

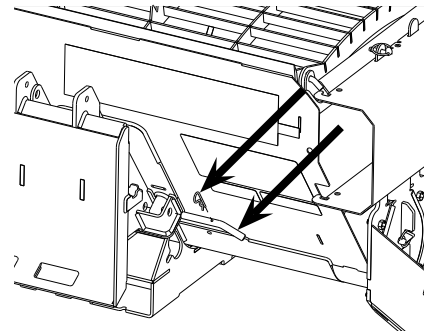
## WARNING

Before connecting or disconnecting hydraulic lines or fittings, be sure to relieve all pressure by cycling all hydraulic controls after shutdown. Remember hydraulic systems are under pressure whenever the engine is running and may hold pressure after shutdown.

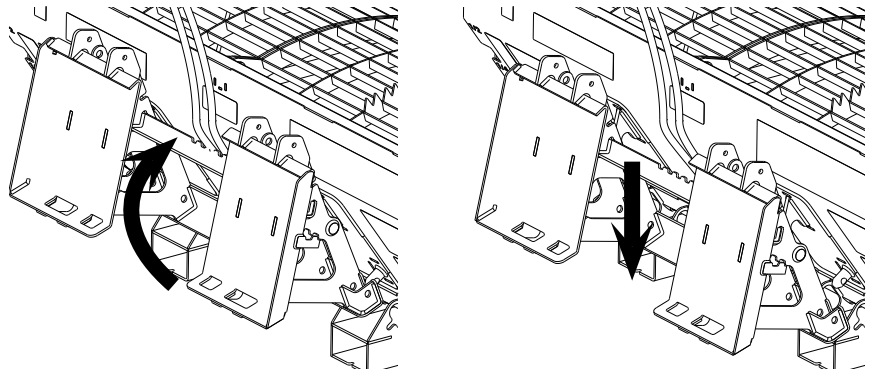
# Assembly & Installation

## Changing Dispensing Side (Skid-Steer Mount) (continued)

STEP 4: With Mega Mixer mounted to vehicle, remove hair pin cotters, and remove connecting pins.



STEP 5: Turn on the vehicle. Tilt the intermediate mount slightly forward, and lower to disengage the hooks. Slowly back the vehicle away with the intermediate mount attached to the vehicle.



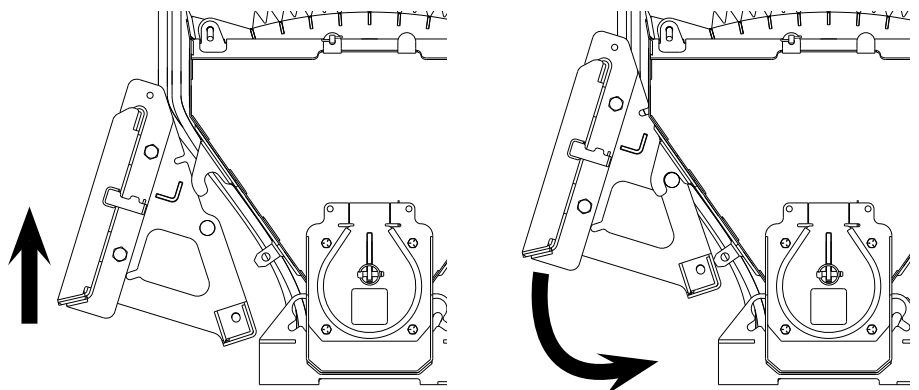
STEP 6: Once the intermediate mount has been removed from the hopper, reposition the hydraulic hoses underneath the hopper to the other side, and drape hoses over center of the hopper between the two sets of hooks.

STEP 7: Carefully reposition the vehicle to the intended side of the Mega Mixer. Line the hooks up between the vertical uprights of the intermediate mount. Ensure the hoses are against the hopper and located through the designated hose routing space in the intermediate mount.

### NOTE

When changing sides, take care to route the hoses to avoid pinching. Pinched and/or stretched hoses are not covered under warranty.

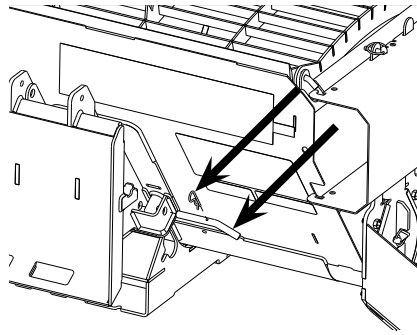
STEP 8: Raise the intermediate mount, engaging the intermediate rods fully into the hopper hooks. Tilt the intermediate mount back until the lower portion comes into contact with side of hopper.



# Assembly & Installation

Changing Dispensing Side  
(Skid-Steer Mount)  
(continued)

STEP 9: Shut off the vehicle. Reinstall both connecting pins and hair pin cotters.



## **⚠ WARNING**

**The Mega Mixer must be securely latched to the vehicle. Ensure both locking handles are in the locked position with pins fully seated. Ensure intermediate coupler is properly connected and all connecting pins are securely in place. Properly secure the Mega Mixer when utilizing fork pocket mounting. An improperly latched Mega Mixer can fall without warning.**

STEP 10: Route the hydraulic hoses through the hose retention spring.

STEP 11: Reconnect hydraulic hoses, and engage the vehicle's auxiliary hydraulics to make sure the Mega Mixer auger freely rotates forward and reverse.

STEP 12: Check the hydraulic system for leaks.

## **⚠ WARNING**

**Never check pressurized system for leaks with your bare hand. Wear proper hand and eye protection and use wood or cardboard when searching for suspected leaks. Oil escaping from pinhole leaks under pressure can penetrate skin and create a serious medical emergency. If any fluid is injected into the skin, gangrene, blood poisoning, even death may result. Obtain medical attention immediately.**

## **⚠ WARNING**

**Keep hands, feet, hair, jewelry, and clothing away from all moving and/or rotating parts.**

# Assembly & Installation

## Intermediate Mount Adjustment

### **⚠️ WARNING**

Personal protection equipment including hard hat, safety glasses, safety shoes, gloves, and ear plugs are recommended during assembly, installation, operation, maintenance, service, removal, or movement of the attachment.

### **⚠️ CAUTION**

Always use two people to handle heavy, unwieldy components during assembly, installation, maintenance, service, removal, or movement of the attachment.

The intermediate mount may be raised or lowered to allow the Mega Mixer to sit higher or lower relative to the vehicle.

#### *Recommended Tools*

- 1-1/8" wrench (2)
- Torque wrench

STEP 1: Park the vehicle on level ground, and rest the Mega Mixer on a solid, level surface.

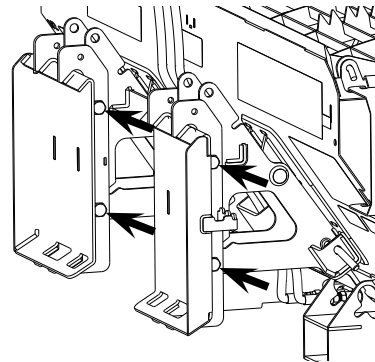
STEP 2: Disconnect hydraulic hoses, and drape them over the center of the hopper.

### **⚠️ WARNING**

**Before connecting or disconnecting hydraulic lines or fittings, be sure to relieve all pressure by cycling all hydraulic controls after shutdown. Remember hydraulic systems are under pressure whenever the engine is running and may hold pressure after shutdown.**

STEP 3: Follow your vehicle operator's manual for removing an attachment.

STEP 4: Using two 1-1/8" wrenches, remove the eight 3/4" bolts and nuts from the intermediate mount.



STEP 5: Relocate the connection plates to the desired position, using one bolt in each side to hold plate position.

#### **NOTE**

Raising the intermediate mount will lower the resting position of the Mega Mixer relative to the vehicle. Lowering the intermediate mount will raise the resting position of the Mega Mixer relative to the vehicle.

STEP 6: Install the remaining 3/4" bolts. Tighten the nuts to the torque specified in the *Torque Values Chart*.

STEP 7: Ensure the skid-steer quick attach mount brackets are installed at the same relative height.

STEP 8: Park the vehicle on level ground, and install the Mega Mixer by following your vehicle operator's manual for installing an attachment.

STEP 9: Reconnect the hydraulic hoses and check for leaks.

### **⚠️ WARNING**

**Never check pressurized system for leaks with your bare hand. Wear proper hand and eye protection and use wood or cardboard when searching for suspected leaks. Oil escaping from pinhole leaks under pressure can penetrate skin and create a serious medical emergency. If any fluid is injected into the skin, gangrene, blood poisoning, even death may result. Obtain medical attention immediately.**

# Assembly & Installation

## Hopper Extension

### **⚠️ WARNING**

Personal protection equipment including hard hat, safety glasses, safety shoes, gloves, and ear plugs are recommended during assembly, installation, operation, maintenance, service, removal, or movement of the attachment.

### **⚠️ CAUTION**

Always use two people to handle heavy, unwieldy components during assembly, installation, maintenance, service, removal, or movement of the attachment.

## Operation

### Scoop & Dispense

### **⚠️ DANGER**

The Mega Mixer is designed to be operated from the vehicle seat. Keep bystanders away from the work area. Do not operate with another person in contact with the Mega Mixer.

### Recommended Tools

- Dead-blow hammer or mallet

STEP 1: Park the vehicle on level ground, and rest the Mega Mixer on a solid, level surface.

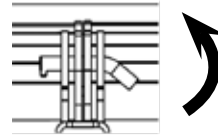
STEP 2: Shut off the vehicle, and relieve all hydraulic pressure.

STEP 3: Remove packing material from the hopper extension.

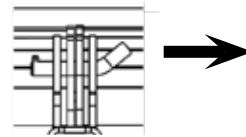
STEP 4: Ensure the Mega Mixer is resting on solid, level surface.

STEP 5: Disengage the six hinge pins, and remove the safety grates:

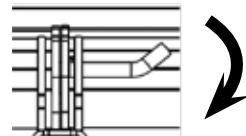
A. Turn pins upward.



B. Pull pins.



C. Turn pins downward.



D. Remove safety grates.

STEP 6: With a second person, lift the hopper extension onto the Mega Mixer, allowing it to rest in the four corners of the hopper. If necessary, use a dead-blow hammer or mallet to fully align the hopper extension.

STEP 7: Reinsert the six hinge pins to secure the hopper extension.

STEP 8: Relocate the safety grates atop the hopper extension, and secure them with the hopper extension hinge pins.

### **⚠️ DANGER**

Do not operate Mega Mixer without safety grates in place and securely latched.

### **⚠️ DANGER**

Stay away from power lines when transporting, raising, or operating the attachment. Electrocution can occur without direct contact.

### **⚠️ WARNING**

Before you operate the attachment, check over pins and connections to be sure all are securely in place. Make sure the Mega Mixer is securely latched to the vehicle. Make sure the safety grates are properly installed.

# Operation

## Scoop & Dispense (continued)

### **⚠️ WARNING**

Personal protection equipment including hard hat, safety glasses, safety shoes, gloves, and ear plugs are recommended during assembly, installation, operation, maintenance, service, removal, or movement of the attachment.

### **⚠️ WARNING**

Safe operation of equipment requires the operator's full attention. Avoid distractions such as radio headphones, cell phones, etc. while operating.

### **⚠️ WARNING**

Keep hands, feet, hair, jewelry, and clothing away from all moving and/or rotating parts.

### **⚠️ DANGER**

Do not use the Mega Mixer as a work platform.

### **⚠️ DANGER**

Do not allow riders on the equipment at any time. There is no safe place for any riders.

### **⚠️ WARNING**

Never place yourself between the vehicle and the attachment.

- STEP 1: Ensure the Mega Mixer is properly attached, discharge flap is pinned shut, and chutes are either removed or located in the storage positions with klik pins installed.
- STEP 2: Add material(s) to the hopper. If scooping, raise the hopper and tilt forward until the scraper edge is parallel with the ground. Approach the loose pile of material(s). Engage the pile with the scraper edge. While driving forward with care, tilt back and lift up to scoop.

### **⚠️ WARNING**

Do not exceed the vehicle's rated operating load. If necessary, use sufficient counterweights.

**NOTE** Do not attempt to dig with the Mega Mixer.

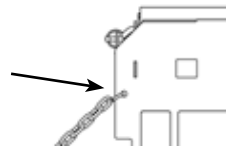
### **⚠️ DANGER**

Do not operate Mega Mixer without safety grates in place and securely latched.

- STEP 3: Position the vehicle and, if necessary, attach additional chute(s) to reach the desired dispensing location.

**NOTE** If length of additional chutes exceeds 10 feet, then additional support must be added.

Connect chain between hopper and chute(s)



### **⚠️ DANGER**

For operator safety, always keep the load in front of the vehicle. Load should never be tilted toward or positioned over the operator.

### **⚠️ WARNING**

Carry the load low. A heavy load can cause instability of the vehicle. Use extreme care during travel. Slow down on turns and watch out for bumps. Use all safety devices, including a seat belt, as recommended in the vehicle operator's manual.

- STEP 4: Unpin the discharge flap, and run the auger in the forward direction to dispense the material(s).

### **⚠️ DANGER**

Do not operate with another person in contact with the Mega Mixer.

Never reach into discharge end of auger.

**NOTE** If dispensing and the auger locks up, material may be lodged between the auger and the side of the hopper. Run the auger in the opposite direction to attempt to remove the bind. If this is unsuccessful, some material(s) may need to be removed. Over a clear, designated area, lift the hopper and tilt it forward in increments, testing the auger until the auger breaks free and begins moving material again..

- STEP 5: Shut off the vehicle's auxiliary hydraulics when dispensing is complete, and pin shut the discharge flap.

## Operation

Concrete Mixing &  
Dispensing

### DANGER

The Mega Mixer is designed to be operated from the vehicle seat. Keep bystanders away from the work area. Do not operate with another person in contact with the Mega Mixer.

### WARNING

Exposure to silica dust and other dust hazards can cause serious or fatal respiratory disease. Use appropriate respiratory protection.

### WARNING

Personal protection equipment including hard hat, safety glasses, safety shoes, gloves, and ear plugs are recommended during assembly, installation, operation, maintenance, service, removal, or movement of the attachment.

### WARNING

Safe operation of equipment requires the operator's full attention. Avoid distractions such as radio headphones, cell phones, etc. while operating.

### DANGER

Stay away from power lines when transporting, raising, or operating the attachment. Electrocuting can occur without direct contact.

### WARNING

Before you operate the attachment, check over pins and connections to be sure all are securely in place. Make sure the Mega Mixer is securely latched to the vehicle. Make sure the safety grates are properly installed.

STEP 1: Ensure the Mega Mixer is properly attached and the discharge flap is pinned shut. Add dry material(s) to the dispensing end of the hopper and liquid to the motor end.

#### NOTE

Use the safety grates to break open bags by tossing a bag onto the bag breakers and rocking the bag back and forth until it splits, dumping material(s) into the hopper.

### DANGER

Do not operate Mega Mixer without safety grates in place and securely latched.

STEP 2: Run the auger in reverse to bring the dry material(s) to the liquid.

STEP 3: Add more dry material(s) and liquid to get the volume and mixture required.

#### NOTE

If mixing and the auger locks up, material may be lodged between the auger and the side of the hopper. Run the auger in the opposite direction to attempt to remove the bind.

#### NOTE

A thin or wet mix may leak when the auger is run forward.

### WARNING

Do not exceed the vehicle's rated operating load. If necessary, use sufficient counterweights.

#### NOTE

If the mixture becomes too dry, it may be necessary to shovel material from the sides and corners of the hopper. Follow the steps to shovel material(s):

### DANGER

Do not operate with another person in contact with the Mega Mixer.

Never reach into discharge end of auger.

### DANGER

Keep clear of auger while in operation. Never position the material by hand or with any tool when the auger is rotating.

1. If material begins to build up on the sides of the hopper, stop mixing.
2. Rest the Mega Mixer on a solid, level surface, and deactivate all hydraulics.
3. Open the safety grate(s) to gain access to the inside of the hopper. (The hinge pins on the opposite side should remain engaged to serve as a hinge point.)

## Operation

### Concrete Mixing & Dispensing (continued)

#### **⚠ WARNING**

Keep hands, feet, hair, jewelry, and clothing away from all moving and/or rotating parts.

#### **⚠ DANGER**

Do not use the Mega Mixer as a work platform.

#### **⚠ DANGER**

Do not allow riders on the equipment at any time. There is no safe place for any riders.

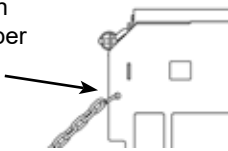
#### **⚠ WARNING**

Never place yourself between the vehicle and the attachment.

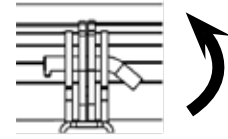
#### NOTE

If length of additional chutes exceeds 10 feet, then additional support must be added.

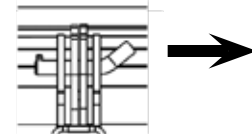
Connect chain between hopper and chute(s)



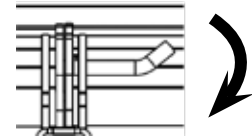
A. Turn pins upward.



B. Pull pins.



C. Turn pins downward.



D. Open safety grate(s).

#### **⚠ WARNING**

Ensure safety grates are properly resting in the open position.

4. Shovel the material away from the sides and toward the center of the hopper.
5. Close and secure the safety grate(s).

#### **⚠ DANGER**

Do not operate Mega Mixer without safety grates in place and securely latched.

STEP 4: When mixing is complete, position the vehicle and, if necessary, attach additional chute(s) to reach the desired dispensing location.

#### **⚠ DANGER**

For operator safety, always keep the load in front of the vehicle. Load should never be tilted toward or positioned over the operator.

#### **⚠ WARNING**

Carry the load low. A heavy load can cause instability of the vehicle. Use extreme care during travel. Slow down on turns and watch out for bumps. Use all safety devices, including a seat belt, as recommended in the vehicle operator's manual.

STEP 5: Unpin the discharge flap, and run the auger in the forward direction to dispense the mixture.

#### NOTE

If dispensing and the auger locks up, material may be lodged between the auger and the side of the hopper. Run the auger in the opposite direction to attempt to remove the bind. If this is unsuccessful, some material(s) may need to be removed. Over a clear, designated area, lift the hopper and tilt it forward in increments, testing the auger until the auger breaks free and begins moving material again.

STEP 6: Shut off the vehicle's auxiliary hydraulics when dispensing is complete, and pin shut the discharge flap.

## Cleaning

### DANGER

Never attempt adjustments, service, or repairs while the equipment is in operation.

### DANGER

Never allow anyone under the attachment at any time.

### WARNING

Keep hands, feet, hair, jewelry, and clothing away from all moving and/or rotating parts.

### WARNING

Personal protection equipment including hard hat, safety glasses, safety shoes, gloves, and ear plugs are recommended during assembly, installation, operation, maintenance, service, removal, or movement of the attachment.

### WARNING

Safe operation of equipment requires the operator's full attention. Avoid distractions such as radio headphones, cell phones, etc. while operating.

Depending upon the material dispensed, it may be necessary to add a cleaner or appropriate releasing agent to aid in cleaning the Mega Mixer.

STEP 1: Unpin the discharge flap, and run the Mega Mixer until all the material is dispensed.

STEP 2: A second person, standing a safe distance away from the Mega Mixer, should add water to the dispensing end of the hopper while the operator runs the auger in reverse, agitating the water and cleaning the hopper.

### DANGER

**Do not operate with another person in contact with the Mega Mixer.**

**Never reach into discharge end of auger.**

STEP 3: Run the auger in the forward direction to dispense the watery mixture.

**NOTE** If necessary, raise the hopper and tilt it forward to rinse out any remaining material.

**NOTE** If necessary to clean build-up in hard-to-reach areas, open the safety grate(s) as previously described in *Operation*. Once build-up is removed, close and securely latch the safety grate(s).

### DANGER

**Do not operate Mega Mixer without safety grates in place and securely latched.**

STEP 4: Level the Mega Mixer, shut off the vehicle engine, relieve all hydraulic pressure, and remove the vehicle key before leaving the vehicle seat.

STEP 5: Remove any material build-up on the motor and on the intermediate mount.

STEP 6: Lift the discharge flap to clean underneath the flap and inside of the discharge tube.

STEP 7: Leave discharge flap unpinned to allow liquid(s) to escape during storage.

STEP 8: Depending upon the material dispensed, coat the hopper with a rust protectant, concrete releasing agent, or asphalt releasing agent.

**NOTE** Do not allow material(s) to dry or water to freeze in the hopper. This will cause damage to the auger and the hopper.

## Removal & Storage

### DANGER

Never allow anyone under the attachment at any time.

### WARNING

Personal protection equipment including hard hat, safety glasses, safety shoes, gloves, and ear plugs are recommended during assembly, installation, operation, maintenance, service, removal, or movement of the attachment.

### CAUTION

Always use two people to handle heavy, unwieldy components during assembly, installation, maintenance, service, removal, or movement of the attachment.

Before storage, the Mega Mixer should be thoroughly cleaned (refer to *Cleaning*). Make sure the hydraulic system is properly sealed against contaminants entering the unit. Always store the Mega Mixer in a dry, covered location.

STEP 1: Lower the Mega Mixer onto a flat, level surface in an area where children do not play.

STEP 2: Disconnect the hydraulic hoses from the vehicle's auxiliary hydraulics.

### WARNING

**Before disconnecting hydraulic lines or fittings, be sure to relieve all pressure by cycling all hydraulic controls after shutdown. Remember hydraulic systems are under pressure whenever the engine is running and may hold pressure after shutdown.**

#### NOTE

Connect the quick couplers together to prevent contaminants from entering the Mega Mixer's hydraulic system.

STEP 3: Follow your vehicle operator's manual for removing an attachment. Securely block and support the attachment.

STEP 4: Tighten any loose nuts, bolts, and hydraulic components.

STEP 5: Replace any damaged or missing safety signs.

STEP 6: Lubricate the grease zerk.

# Troubleshooting

Problem	Possible Cause	Solution
Auger does not rotate	Air in hydraulic system	Actuate hydraulics until auger has made one full rotation in forward and in reverse.
	Sheared Woodruff key	Remove auger and replace Woodruff key.
	Hydraulic hose pinched or obstructed	Fix pinched hose or remove obstruction.
	Leaking or failed hydraulic hose	Replace hydraulic hose.
	Quick couplers not engaged	Check quick coupler connects to vehicle.
	Vehicle auxiliary hydraulics not activated	Activate auxiliary hydraulics.
	Vehicle low on hydraulic oil	Add hydraulic oil to vehicle.
	Motor damaged	Contact Danuser.
	Auger bearing worn	Inspect and grease or replace bearing.
Auger locked up or compacted	Refer to <i>Concrete Mixing &amp; Dispensing</i> .	
Poor auger performance	Low flow	Check with flow meter. If low, investigate cause.
	Hydraulic hose restrictions	Clear hydraulic hose.
	Dirty oil or filter	Change oil and filter according to vehicle manufacturer's recommendation.
	Low hydraulic system pressure (PSI)	Check with pressure gauge. If low, investigate cause.
	Worn flighting (R75 model)	Inspect rubber for excessive wear or damage and replace as necessary.
	Material build-up in discharge tube	With vehicle disconnected, lift discharge flap and check for build-up within tube. Clean out as necessary.
	Material(s) too large	Reduce material size.
Wrong auger type	Refer to <i>Specifications</i> for auger/material(s) table.	
Cab door hits Mega Mixer	Mega Mixer not properly attached to vehicle	Ensure vehicle locking pins are engaged. Check that the intermediate connection is seated properly and connecting pins are installed.
	Intermediate mount too high	Refer to <i>Intermediate Mount Adjustment</i> .
	Vehicle arms not lowered completely	Lower vehicle's lifting arms, setting Mega Mixer feet on ground.
Mega Mixer hits vehicle wheels/tracks	Mega Mixer not properly attached to vehicle	Ensure vehicle locking pins are engaged. Check that the intermediate connection is seated properly and connecting pins are installed.
	Intermediate mount too low	Refer to <i>Intermediate Mount Adjustment</i> .
Leaking hopper	Material dispensing too thin	Discharge flap will not hold very thin material (e.g., water). Run auger continuously in reverse, or thicken material.
	Discharge faceplate not completely secured	Inspect four bolts on discharge faceplate, and tighten to specified torque if necessary.
	Worn discharge flap	Replace discharge flap.
	Worn motor seal	Replace motor seal.
	Damaged hopper	Contact Danuser.
Safety grate hinge pins hard to retract	Hinge pin not oriented upward	Ensure roll pin faces upward and aligns with slot in ears.
	Safety grates obstructed	Ensure no material is jammed between safety grates and ears.
	Safety grates misaligned	Adjust safety grates so all hinge pins are seated properly.
Safety grates hard to open	Hinge pin not oriented downward	Ensure roll pin faces downward so hinge pin clears hole in safety grate.
	Safety grates obstructed	Ensure no material is jammed between safety grates and ears.
	Hinge pins not fully retracted	Check hinge pins fully clear edges of safety grates.
	Hinge pins not fully engaged	Check opposite side pivot point hinge pins are fully engaged.

For additional assistance, please call your dealer or contact Danuser direct:

# Maintenance & Lubrication

## **⚠ DANGER**

Never attempt adjustments, service, or repairs while the equipment is in operation.

## **⚠ DANGER**

Never allow anyone under the attachment at any time.

## **⚠ DANGER**

Never work under equipment supported by hydraulics. Even with the vehicle shut off, equipment can suddenly drop if controls are actuated or if hydraulic lines burst.

## **⚠ WARNING**

Personal protection equipment including hard hat, safety glasses, safety shoes, gloves, and ear plugs are recommended during assembly, installation, operation, maintenance, service, removal, or movement of the attachment.

Proper servicing and maintenance are key to the long life of any attachment. Careful inspection and routine maintenance helps avoid costly downtime and repair. Do not use the Mega Mixer with any damaged parts.

## **⚠ WARNING**

Never check pressurized system for leaks with your bare hand. Wear proper hand and eye protection and use wood or cardboard when searching for suspected leaks. Oil escaping from pinhole leaks under pressure can penetrate skin and create a serious medical emergency. If any fluid is injected into the skin, gangrene, blood poisoning, even death may result. Obtain medical attention immediately.

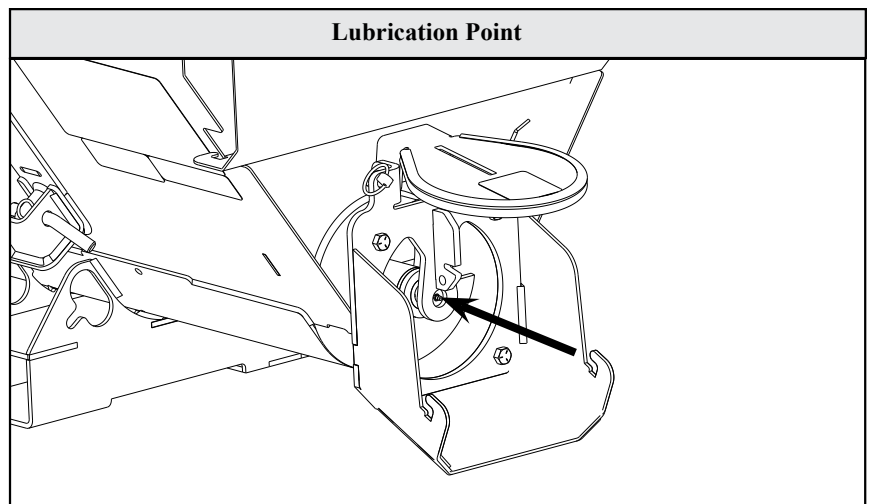
## **⚠ WARNING**

Do not modify the attachment. Modifications may weaken the integrity of the attachment and may impair the safety, function, life, and performance of the Mega Mixer.

## **⚠ CAUTION**

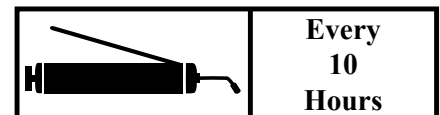
When making repairs or servicing the Mega Mixer, use only parts that meet the original equipment manufacturer's standards and requirements.

Maintenance	Interval
Inspect the attachment for any damage, worn parts, or cracked welds. Repair or replace as necessary.	Before each use
Check for damaged or missing safety signs. Replace as necessary.	Before each use
Check all fasteners. Ensure they are tight and secure. (See <i>Torque Values Chart</i> .) Replace as necessary.	Daily
Check all hydraulic components for leaks or wear. Repair or replace as necessary.	Daily



**Bearing Under Discharge Flap - 1 Zerk**

Add multi-purpose grease until grease emerges



## Service

### Replacing Rubber Auger Flighting

#### **⚠ DANGER**

Never attempt adjustments, service, or repairs while the equipment is in operation.

#### **⚠ DANGER**

Never allow anyone under the attachment at any time.

#### **⚠ DANGER**

Never work under equipment supported by hydraulics. Even with the vehicle shut off, equipment can suddenly drop if controls are actuated or if hydraulic lines burst.

#### **⚠ WARNING**

Personal protection equipment including hard hat, safety glasses, safety shoes, gloves, and ear plugs are recommended during assembly, installation, operation, maintenance, service, removal, or movement of the attachment.

#### **⚠ CAUTION**

Always use two people to handle heavy, unwieldy components during assembly, installation, maintenance, service, removal, or movement of the attachment.

Model R75 Mega Mixers utilize replaceable rubber auger flighting.

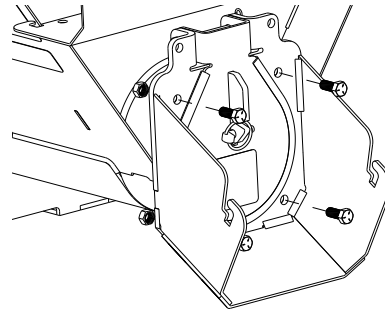
#### *Recommended Tools*

- 7/16" wrench
- 3/4" wrench (2)
- Hammer
- Chisel

STEP 1: Lower the Mega Mixer onto a solid, level surface.

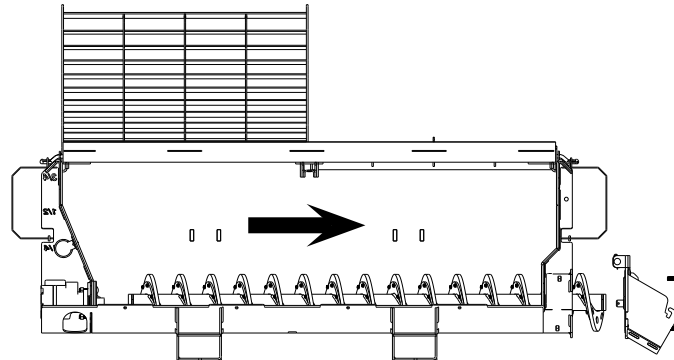
STEP 2: Shut off the vehicle engine, lower the arms, relieve all hydraulic pressure, and remove the vehicle key before leaving the vehicle seat.

STEP 3: Remove the four nuts and bolts that keep the discharge faceplate on the dispensing end with two 3/4" wrenches, and remove the discharge faceplate.



STEP 4: Inspect the bearing located in the end of the auger for damage or wear. Replace if necessary. Refer to *Replacing Auger Bearing*.

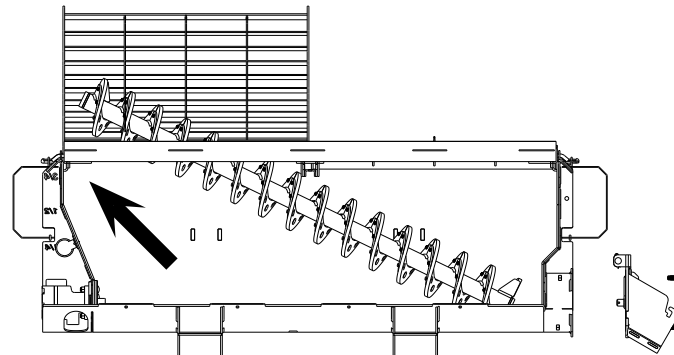
STEP 5: Open the motor end safety grate, and slide the auger away from the motor until the hub clears the motor shaft.



#### **⚠ WARNING**

**Ensure safety grate is properly resting in the open position.**

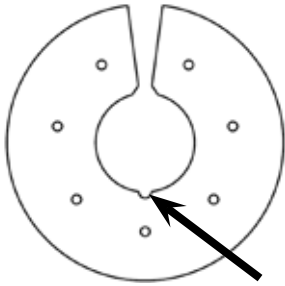
STEP 6: Lift the motor end of the auger and slide toward the motor end of the hopper, lifting upward until it is clear of the discharge tube.



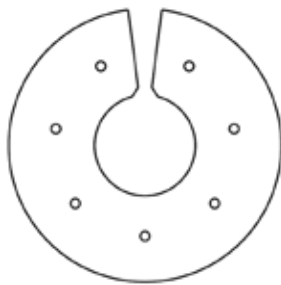
STEP 7: Place the auger on a secure work platform. Use a hammer and chisel to remove the lock nuts from the flights to be replaced.

# Service

(continued)



Larger Flights (2)  
with Notch



Smaller Flights (13)  
without Notch

STEP 8: Remove and discard the worn rubber flights and hardware, and clean the auger in preparation for the new rubber flights.

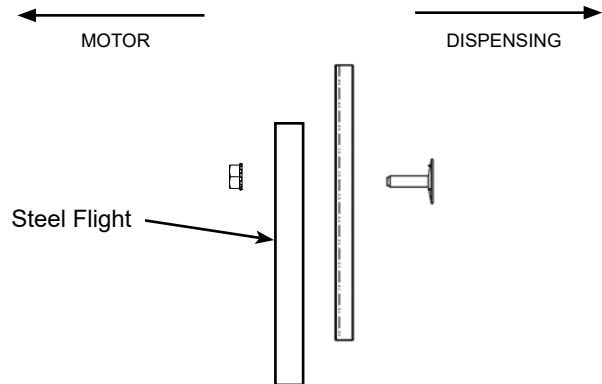
**NOTE**

The Rubber Flight Replacement Kit (see *Accessories*) includes 13 small and 2 large flights. The larger rubber flights are installed on the dispensing end of the auger.

STEP 9: Starting at the dispensing end of the auger (the side with the bronze bearing installed), install the two larger rubber flights (with notch). Tighten the nuts so that only one or two bolt threads show past the nut, leaving a small indent in the rubber by the bolt head.

**NOTE**

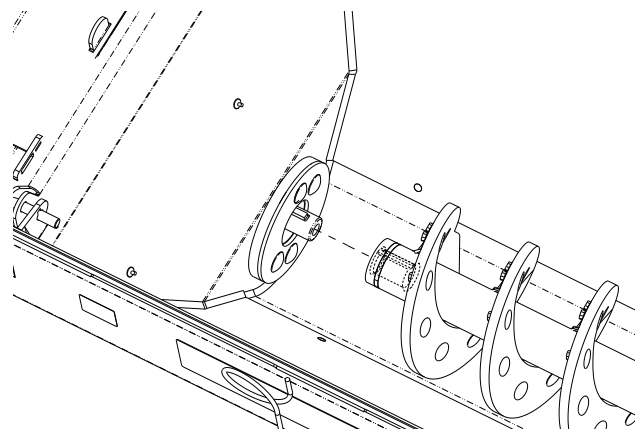
Place rubber flights so that the thicker part of the rubber faces away from the steel flight toward the dispensing end of the auger.



STEP 10: Install the 13 smaller rubber flights (without notch). Tighten the nuts so that only one or two bolt threads show past the nut, leaving a small indent in the rubber by the bolt head.

STEP 11: Place the auger into the hopper, pushing it into the discharge tube until it clears the motor shaft.

STEP 12: Grease the motor shaft. Align the keyway in the motor hub of the auger with the key on the motor shaft.



STEP 13: Slide the auger onto the motor shaft until the hub on the dispensing end is recessed into the discharge tube approximately 1/4".

STEP 14: Lightly grease the auger bearing, and reinstall the discharge faceplate with two 3/4" wrenches. Tighten the nuts to the torque specified in the *Torque Values Chart*.

STEP 15: Grease the zerk located under the discharge flap.

## Service

### Replacing Auger Bearing

#### DANGER

Never attempt adjustments, service, or repairs while the equipment is in operation.

#### DANGER

Never allow anyone under the attachment at any time.

#### DANGER

Never work under equipment supported by hydraulics. Even with the vehicle shut off, equipment can suddenly drop if controls are actuated or if hydraulic lines burst.

#### WARNING

Personal protection equipment including hard hat, safety glasses, safety shoes, gloves, and ear plugs are recommended during assembly, installation, operation, maintenance, service, removal, or movement of the attachment.

#### CAUTION

Always use two people to handle heavy, unwieldy components during assembly, installation, maintenance, service, removal, or movement of the attachment.

#### *Recommended Tools*

- Flat-head screwdriver (2)
- 3/4" wrench (2)
- Dead-blow hammer or mallet
- Hammer
- Chisel

STEP 1: Follow STEPS 1-3 in *Replacing Rubber Auger Flighting* to gain access to the auger bearing.

STEP 2: Using two flat-head screwdrivers, attempt to pry the auger bearing out by wedging the screwdrivers underneath the bearing flange or inside the auger hub.







STEP 3: If the flat-head screwdriver method does not work, attempt to fracture the bearing with a hammer and chisel to gain leverage with the screwdrivers.

STEP 4: Once the auger bearing is removed, clean the bearing mounting surfaces of the auger hub.

STEP 5: Align the replacement auger bearing with the auger hub and using a dead-blow hammer or mallet, install the bearing. The flange face of the bearing should be flush with the end of the auger.

STEP 6: Follow STEPS 14-15 in *Replacing Rubber Auger Flighting* to reinstall the auger.

# Torque Values Chart

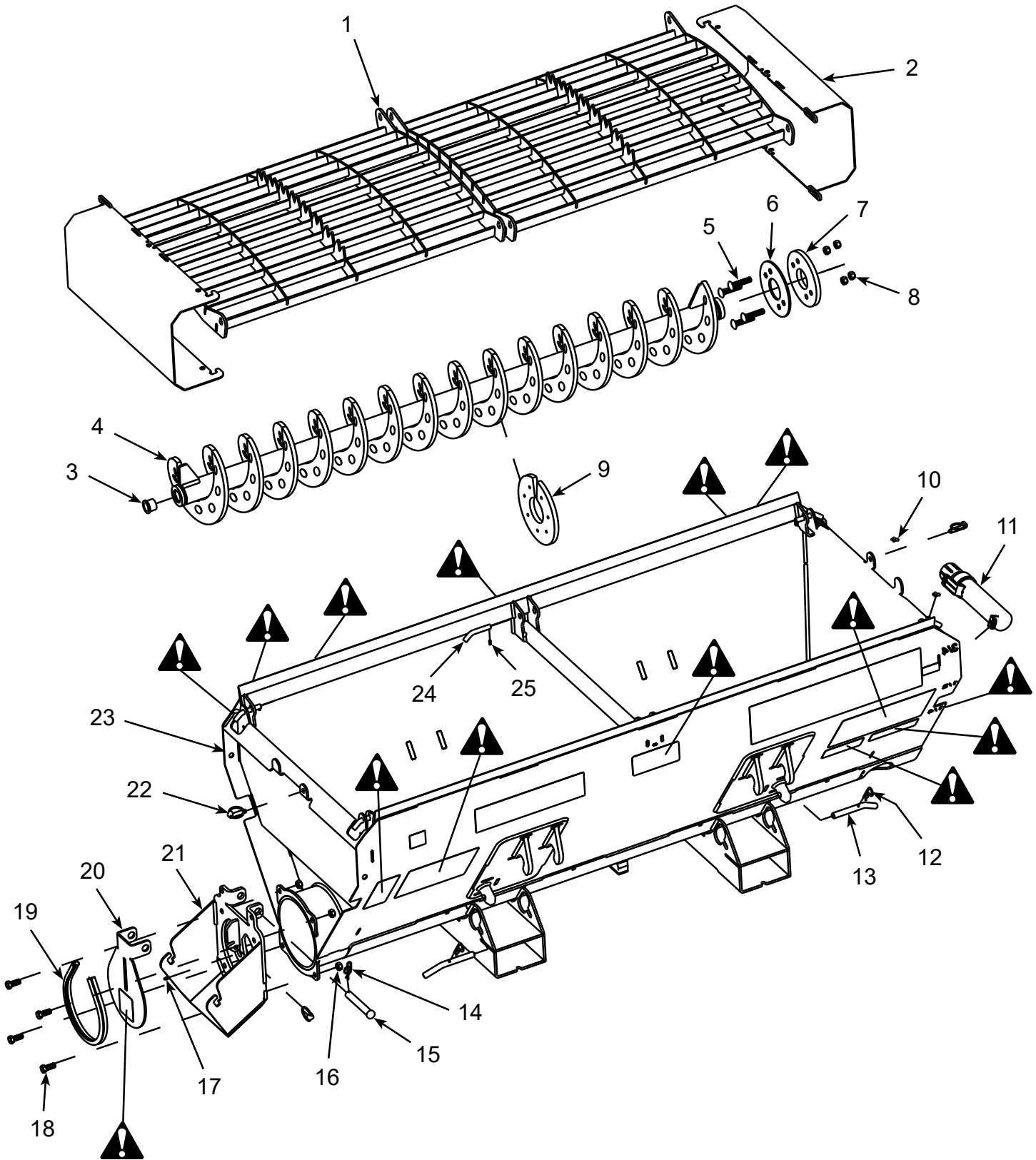
Torque Values Chart													
Bolt Size (inches)	Bolt Head Identification						Bolt Size (Metric)	Bolt Head Identification					
	 Grade 2		 Grade 5		 Grade 8			 Class 5.8		 Class 8.8		 Class 10.9	
in-tpi	Nm	ft.-lbs.	Nm	ft.-lbs.	Nm	ft.-lbs.	mm x pitch	Nm	ft.-lbs.	Nm	ft.-lbs.	Nm	ft.-lbs.
1/4"-20	7.4	5.6	11	8	16	12	M5 x 0.8	4	3	6	5	9	7
1/4"-28	8.5	6	13	10	18	14	M6 x 1	7	5	11	8	15	11
5/16"-18	15	11	24	17	33	25	M8 x 1.25	17	12	26	19	36	27
5/16"-24	17	13	26	19	37	27	M8 x 1	18	13	28	21	39	29
3/8"-16	27	20	42	31	59	44	M10 x 1.5	33	24	52	39	72	53
3/8"-24	31	22	47	35	67	49	M10 x 0.75	39	29	61	45	85	62
7/16"-14	43	32	67	49	95	70	M12 x 1.75	58	42	91	67	125	93
7/16"-20	49	36	75	55	105	78	M12 x 1.5	60	44	95	70	130	97
1/2"-13	66	49	105	76	145	105	M12 x 1	90	66	105	77	145	105
1/2"-20	75	55	115	85	165	120	M14 x 2	92	68	145	105	200	150
9/16"-12	95	70	150	110	210	155	M14 x 1.5	99	73	155	115	215	160
9/16"-18	105	79	165	120	235	170	M16 x 2	145	105	225	165	315	230
5/8"-11	130	97	205	150	285	210	M16 x 1.5	155	115	240	180	335	245
5/8"-18	150	110	230	170	325	240	M18 x 2.5	195	145	310	230	405	300
3/4"-10	235	170	360	265	510	375	M18 x 1.5	220	165	350	260	485	355
3/4"-16	260	190	405	295	570	420	M20 x 2.5	280	205	440	325	610	450
7/8"-9	225	165	585	430	820	605	M20 x 1.5	310	230	650	480	900	665
7/8"-14	250	185	640	475	905	670	M24 x 3	480	355	760	560	1050	780
1"-8	340	250	875	645	1230	910	M24 x 2	525	390	830	610	1150	845
1"-12	370	275	955	705	1350	995	M30 x 3.5	960	705	1510	1120	2100	1550
1-1/8"-7	480	355	1080	795	1750	1290	M30 x 2	1060	785	1680	1240	2320	1710
1-1/8"-12	540	395	1210	890	1960	1440	M36 x 3.5	1730	1270	2650	1950	3660	2700
1-1/4"-7	680	500	1520	1120	2460	1820	M36 x 2	1880	1380	2960	2190	4100	3220
1-1/4"-12	750	555	1680	1240	2730	2010	<p><b>KEY:</b></p> <p>in-tpi = nominal thread diameter in inches-threads per inch            Nm = Newton-meter            ft.-lbs. = foot pounds            mm x pitch = nominal thread diameter in millimeters by thread pitch</p>						
1-3/8"-6	890	655	1990	1470	3230	2380							
1-3/8"-12	1010	745	2270	1670	3680	2710							
1-1/2"-6	1180	870	2640	1950	4290	3160							
1-1/2"-12	1330	980	2970	2190	4820	3560							

Torque tolerance +0%, -15% of torque values. Unless otherwise specified, use torque values listed above.

# Parts

 = Safety Sign Location

## Hopper



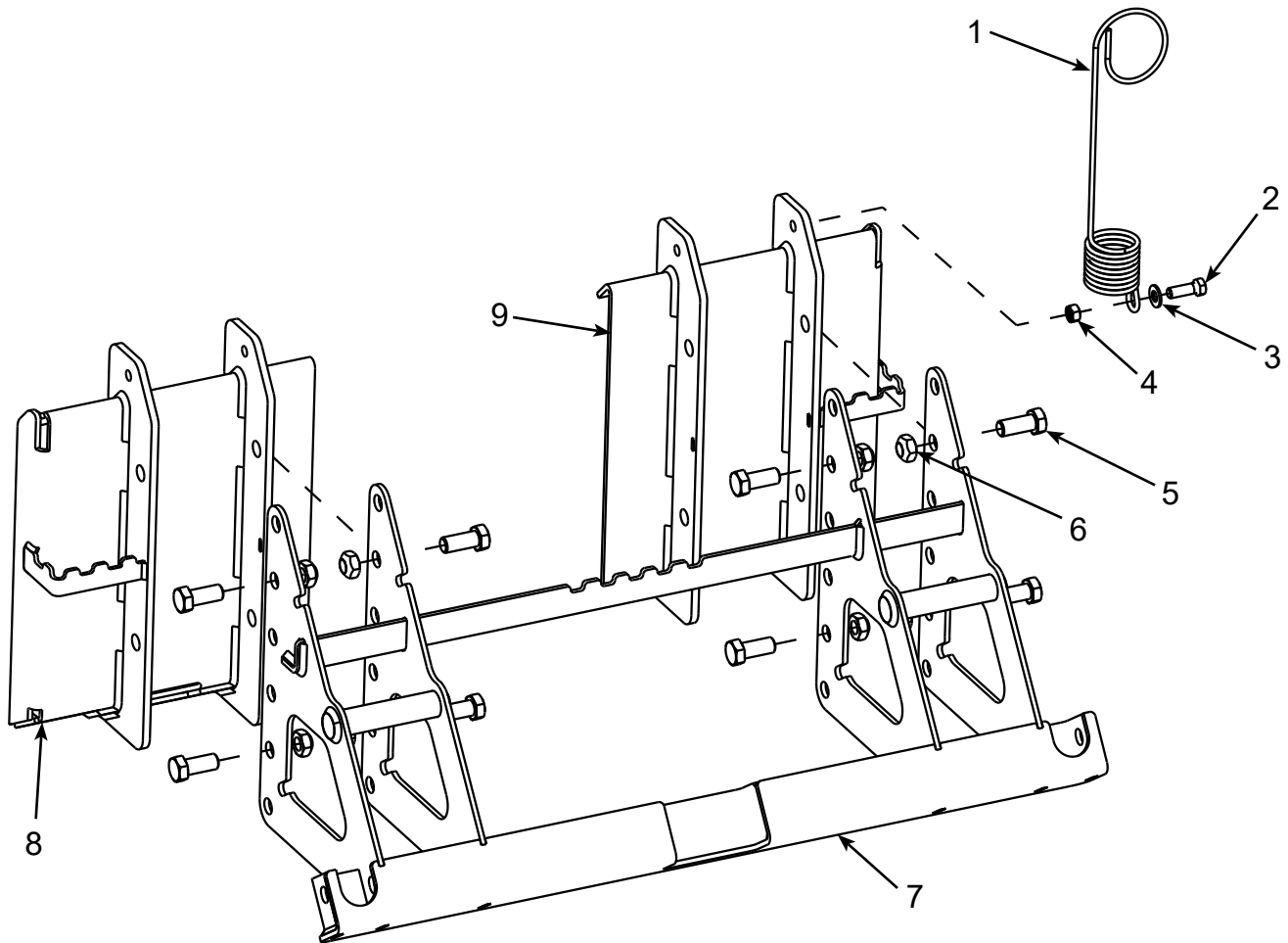
# Parts

Hopper  
(continued)

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	170060	Safety Grate	2
2	170100	24" Chute	2
3	176012	Auger Bearing	1
4	170040	Rubber Flight Auger Assembly (Includes REF. NO. 3)	1
	170050	Steel Auger Assembly (Includes REF. NO. 3)	1
5	176007	Carriage Bolt (1/2"-13 x 2-1/2")	4
6	170069	Seal Retaining Plate	1
7	170068	Seal	1
8	10125	Toplock Nut (1/2"-13)	4
9	170055	Rubber Flight Replacement Kit (Includes rubber flights and hardware)	
10	176033	Drive Rivet	2
11	21258	Operator's Manual Canister	1
12	176028	Hair Pin Cotter	2
13	170071	Connecting Pin	2
14	21078	Rue Clip	1
15	170037	Flap Pin	1
16	1056	Hex Nut (1/2"-13)	4
17	35220	Grease Fitting	1
18	176006	Hex Cap Screw (1/2"-13 x 1-1/4", Gr. 5)	4
19	176004	Weather Stripping	1
20	170038	Discharge Flap	1
21	170033	Discharge Faceplate Assembly	1
22	1533	Klik Pin	3
23	170010	Hopper	1
24	170073	Hinge Pin	6
25	176010	Roll Pin (3/16" x 1/2")	6

# Parts

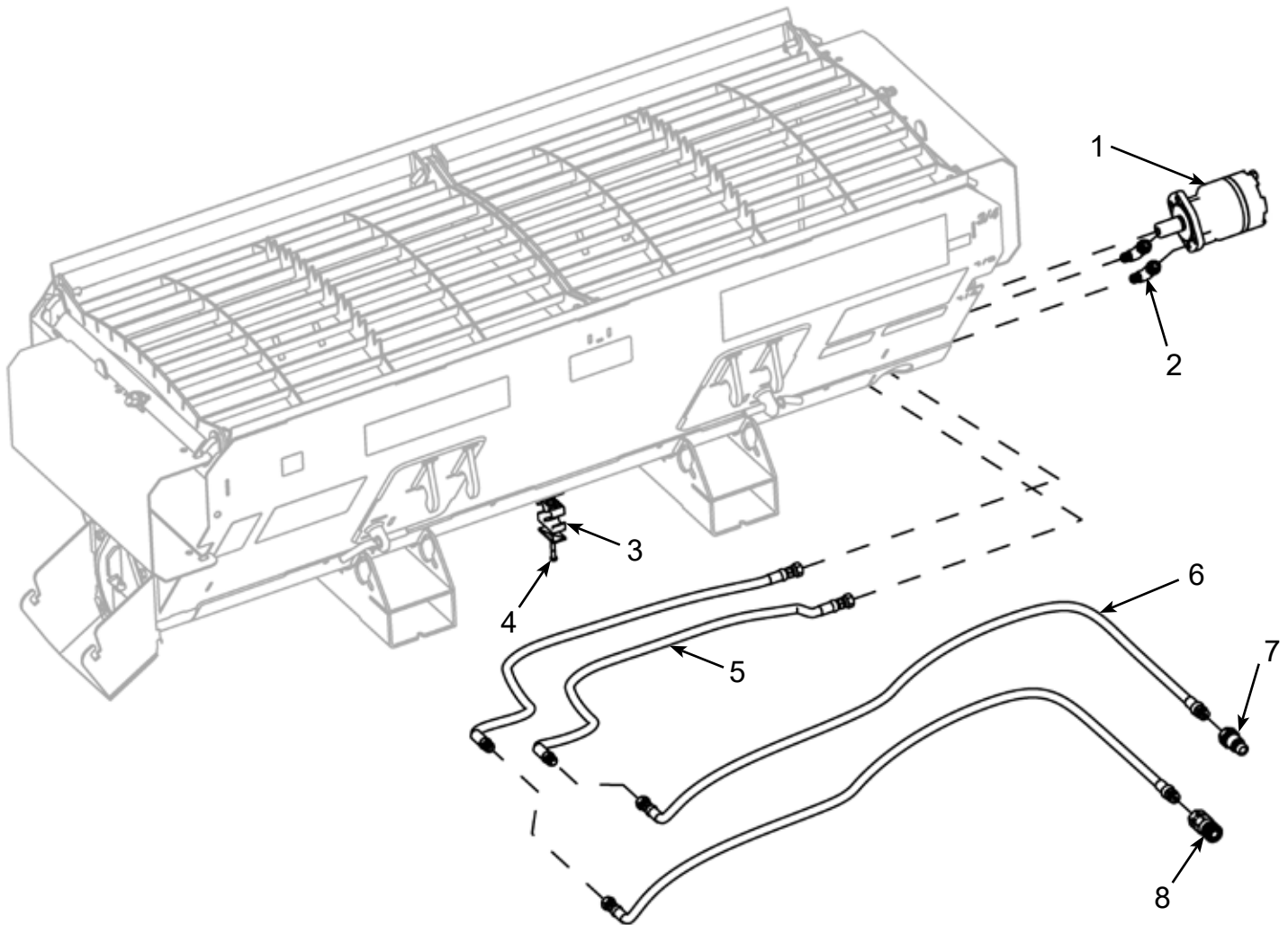
## Intermediate Mount



REF. NO.	PART NO.	DESCRIPTION	QTY.
	170075	Intermediate Mount (Includes REF. NOS. 5-9)	1
1	176021	Hose Retention Spring	1
2	12245	Hex Cap Screw (1/2"-13 x 1-1/2", Gr. 5)	1
3	21156	1/2" Flat Washer	1
4	1056	Hex Nut (1/2"-13)	1
5	176025	Hex Cap Screw (3/4"-10 x 1-1/4", Gr. 5)	8
6	10268	Toplock Nut (3/4"-10)	8
7	170080	Intermediate Assembly	1
8	170076	Right Quick Attach Assembly	1
9	170079	Left Quick Attach Assembly	1

# Parts

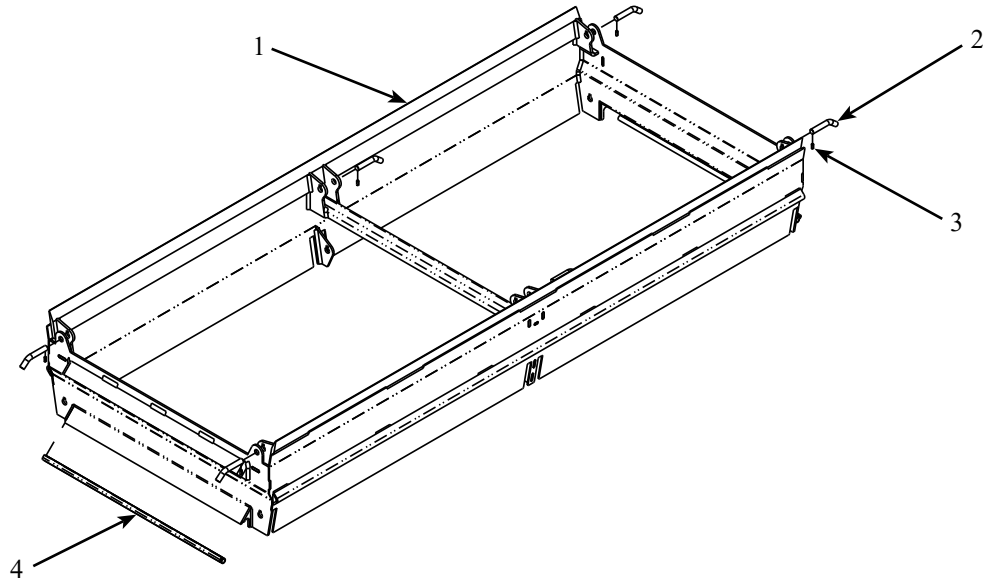
## Hydraulics



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	170070	Hydraulic Motor	1
	176036	Hydraulic Motor Seal Kit (Not Shown)	
2	176018	90° Adapter (#10 JIC M to SAE O-Ring)	2
3	176013	Hydraulic Hose Clamp Kit	1
4	176014	Hex Cap Screw (5/16"–18 x 1-3/4", Gr. 2)	1
5	176027	Hydraulic Hose (#8 JIC F to #10 JIC M, 48")	2
	176026	Hydraulic Hose Kit (#10 JIC F to #8 JIC M, 132") (Includes two hoses in double abrasion sleeve)	1
6	176037	Hydraulic Hose (#10 JIC F to #8 JIC M, 132")	
	176038	Double Abrasion Sleeve (114")	
7	10048	Male Coupler	1
8	10049	Female Coupler	1

## Parts

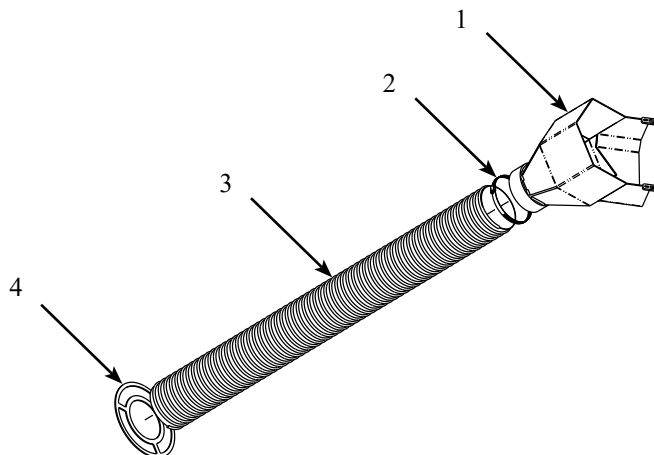
### Hopper Extension



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	170094	Hopper Extension Weldment	1
2	170073	Hinge Pin	6
3	176010	Roll Pin (3/16" x 1/2")	6
4	176004	Weather Stripping	2

## Parts

### Hose Adapter Chute



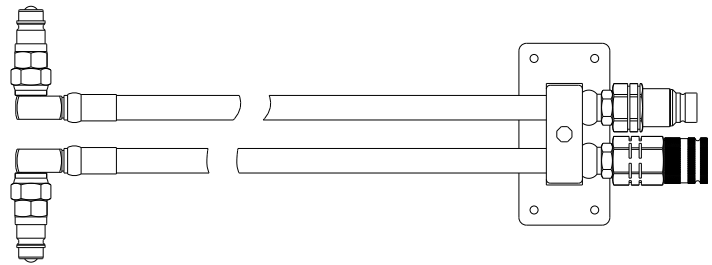
REF. NO.	PART NO.	DESCRIPTION	QTY.
1	170111	Chute Hose Funnel	1
2	176031	Clamp	1
3	176011	Flex Hose	1
4	170115	Hose Adapter Handle	1

# Accessories

Go to [Danuser.com](http://Danuser.com) to view Accessories.

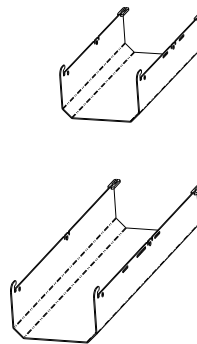
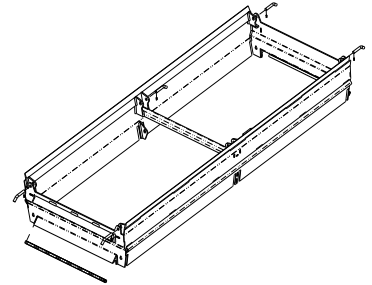
## Front-End Loader Hose Kit

PN 21231 - 1/2" hose kit, 25' long, with flat face ISO couplers and Pioneer couplers. Mounting bracket included for bolting or welding. Hardware not included.



## Hopper Extension

PN 170095 - Expands Mega Mixer capacity from 3/4 yard to 1 yard. Hardware included.



## Additional Chutes

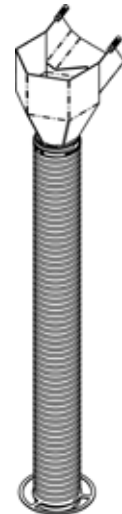
PN 170100 - 24" Chute

PN 170103 - 36" Chute

Chutes can be linked to extend length.

## Chute Hose Adapter

PN 170110 - Allows precision dispensing with included 5' long, 6" diameter hose.



## Auger Assemblies

PN 170040 - Rubber Flight Auger Assembly

PN 170050 - Steel Auger Assembly (shown below)

See *Specifications* for auger applications.



# Warranty

# DANUSER

Model # \_\_\_\_\_

Serial # \_\_\_\_\_

## LIMITED WARRANTY

Danuser LLC ("Danuser") warrants its products, under normal use and maintenance, to be free from defects in material and workmanship for period(s) specified below from the purchase date from an authorized Danuser Dealer. Start of the warranty period is determined by purchase date given on your returned WARRANTY REGISTRATION FORM. Proof of purchase may be required. This Limited Warranty is extended only to the original purchaser of Danuser products.

Mega Mixer - 1 Year

Wear Items Not Covered Under Warranty - Hydraulic Hoses, Seals, Weather Stripping, and Auger Flighting

1. During the applicable warranty period, Danuser, at its option, will repair or replace any part determined by Danuser to be defective. Such repair or replacement shall take place at Danuser's factory or a location designated by Danuser. Under no circumstances shall Danuser be obligated for the cost of any repair or replacement by anyone other than Danuser without its express written consent.
2. Parts may not be returned without written authorization from Danuser.
3. Some purchased components, including but not limited to hydraulic components, are subject to the inspection and warranty of the respective manufacturer. Thus, delays in a warranty determination can be expected while Danuser awaits their decision.
4. This warranty is void if any attempt is made to make field repairs to hydraulic components. To qualify for warranty inspection, the "failed" part(s) must be returned in its original "failed" condition.
5. To make a claim under this warranty, first contact your authorized Danuser Dealer. The Danuser Dealer shall complete the Warranty Claim Form and obtain written authorization from Danuser to return parts. All warranty claims must include detailed information regarding make and model of vehicle on which the Danuser product was mounted, hours of use, description of events that led up to the failure, and any other information helpful in reviewing the warranty claim. All warranty returns must be prepaid. Shipments arriving at our factory on a freight collect basis will be refused by our receiving department. The freight charge will be credited if the parts are determined by Danuser to be defective, and the associated freight costs in returning those parts will be prepaid by Danuser. **NOTE:** Hydraulic components must arrive with all ports sealed from dirt and moisture. If a hydraulic component arrives with open ports, the warranty is void and no inspection will be made.
6. Products or parts thereof which, as determined by Danuser's examination, show wear from normal use, have been improperly operated, damaged by accident or negligence, field repaired, altered or modified are not considered defective in material and workmanship and are not covered by this warranty. This warranty does not apply to parts subject to normal wear ("Wear Items") or to damage caused by the failure to perform recommended maintenance or to replace worn parts. This warranty shall not obligate Danuser to bear any cost of labor for field repair, replacement, testing, or adjustment nor for damage caused by accident, abuse, misuse, or environmental elements.
7. Any parts or labor required to repair or replace parts not covered under this warranty will be charged to the customer. Parts repaired or replaced by Danuser are then covered by this warranty only for the remainder of the original warranty as if such parts were original parts.
8. Danuser reserves the right to change its specifications and designs at any time.

This warranty is exclusive and in lieu of all other express warranties, if any, including the implied warranties of merchantability and fitness for a particular purpose. It shall not extend beyond the duration of the expressed warranty provided herein and the remedy for violations of any implied warranty shall be limited to repair or replacement of the defective part pursuant to the terms contained herein. No employee, dealer, salesman, or representative is authorized to change this warranty in any way or grant any other warranty. Danuser shall not be liable for any consequential, incidental, or punitive damages, losses, or expenses, including those resulting from or caused by any defects.

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