



8200 BOSS RT

Models 8224RT • 8226RT

Owner / Operator's Manual & Parts Book

Starting 2019 Model Year



1.0 IMPORTANT INFORMATION

The serial number plate is located above the discharge opening on the unit discharge end frame.

Please enter the model, serial number and additional information in the space provided for future reference.



Model No. _____

Serial No. _____

Date of Purchase _____

Dealership _____

Dealership Phone No. _____

Always use your serial number when requesting information or when ordering parts.

HOW TO READ YOUR SERIAL NUMBER

EXAMPLE: 19R9201

Model Year / RT / Model / Sequence Of Build



19



R



9



201

Meyer Manufacturing Corporation
674 W. Business Cty Rd A
Dorchester, WI 54425
Phone: 1-800-325-9103
Fax: 715-654-5513
Email: parts@meyermfg.com
Website: www.meyermfg.com



2.0 PRE-DELIVERY & DELIVERY CHECK LIST

8200-RT Check List

Meyer Manufacturing Corporation

Phone: 715-654-5132 • Toll-Free: 1-800-325-9103 • P.O. Box 405 • Dorchester, WI 54425

This Pre-Delivery & Delivery Check List must be gone through by the Selling Party and the Customer to validate the Owner's Registration Form.

PRE-DELIVERY CHECK LIST

After the New Meyer Forage Box has been completely set-up, check to be certain it is in correct running order before delivering it to the customer.

The following is a list of points to inspect:

Check off each item as you have made the proper adjustments and found the item operating satisfactorily. Any adjustments made, MUST be according to specifications defined in this manual.

- All shields and guards are in place and securely fastened.
- All bolts and other fasteners are secure and tight.
- All mechanisms operate trouble free.
- All grease fittings have been lubricated, gear boxes filled to proper levels, and all roller chains are oiled. See "Lubrication" section of this manual.
- Cross Conveyor Chain and Main Apron Chains are at proper tension. See "Adjustments" section in this manual.
- Emergency Stop and Trip Cables operate properly.
- All decals are in place and legible.
- All stop/tail/turn lights work properly.

DELIVERY CHECK LIST

The following check list is an important reminder of valuable information that **MUST** be passed on to the customer at the time the unit is delivered.

Check off each item as you explain it to the customer.

- Explain to the customer that pre-delivery check list was fully completed.
- Give customer the Owner & Operator's Manual. Instruct to read and completely understand its contents **BEFORE** attempting to operate the Forage Box.
- Explain and review with customer the New Meyer Forage Box manufacturer's warranty.
- Show the customer where to find the serial number on the implement.
- Explain and review with the customer "Safety Precautions" section of this manual.
- Explain and review with customer the "Emergency Stop" and proper "Start-up and Operating Procedures" sections of this manual.
- Demonstrate the "Emergency Stop" operation, activation and reset. Also, Demonstrate the start-up & shutdown controls, proper hydraulic hose storage and tip holder used to keep system clean from contaminants.
- Explain that regular lubrication and proper adjustments are required for continued proper operation and long life of the Forage Box. Review with the customer the "Lubrication" and "Adjustments" sections of this manual.
- Explain the importance of cross conveyor & main apron chain and / or belt tension, and the need to watch and tighten during the break in period.
- Explain and review with the customer the recommended loading and unloading procedures.
- Fully complete this "PRE-DELIVERY & DELIVERY CHECK LIST" with the customer.



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Dorchester, WI 54425

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Website: www.meyermfg.com

FARM EQUIPMENT BUYERS TRUST THE NAME MEYER!

3.0 INTRODUCTION

Congratulations on your purchase of a new Meyer farm equipment product. Undoubtedly you have given much consideration to your purchase and we're proud that you have selected Meyer. Pride in craftsmanship, engineering and customer service have made Meyer products the finest in the farm equipment industry today.

There is no substitute for quality. That is why thousands of people like you have purchased Meyer farm equipment. They felt it was the best equipment to serve their farming needs, now and in years to come. We ask that you follow our policy of "safety first", and we strongly suggest that you read through the "Owner / Operator's Manual & Parts Book" before operating your Meyer farm equipment. Meyer Manufacturing Corporation wants to thank you for not compromising quality. We are determined to offer excellence in customer service as well as provide you with the very best value for your dollar.

Sincerely,

All Employees of

MEYER MANUFACTURING CORPORATION

The Model 8200-RT is available as a truck, Ag cart or wagon mounted unit pulled and powered by a farm tractor.

When the PTO is referred to, it means power takeoff from the truck.

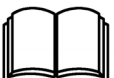
The Model 8200-RT may be referred to as 2-way, forage box, box, implement or front and rear unload forage box in this manual.



IMPORTANT: You are urged to study this manual and follow the instructions carefully. Your efforts will be repaid in better operation and service as well as a savings in time and repair expense. Failure to read this manual and understand the machine could lead to serious injury. If you do not understand instructions in this manual, contact either your dealer or Meyer Manufacturing Corp. at Dorchester, WI 54425.



WARRANTY: At the front of this manual is an "Owner's Registration Form". Be sure your dealer has completed this form and promptly forwarded a copy to Meyer Manufacturing to validate the manufacturer's warranty. The product model and serial number are recorded on this form and on the inside of the front cover for proper identification of your Meyer Forage Box by your dealer and the manufacturer when ordering repair parts. The serial number is stamped above the discharge opening on the unit discharge end frame.



REPAIR PARTS: At the back of this manual is the repair parts section. All replacement parts are to be obtained from or ordered through your Meyer dealership. When ordering repair parts, refer to the parts section and give complete information including quantity, correct part number, detailed description and even Model No. and Serial No. of the forage box which needs repair parts.

Manufacturer's Statement: Meyer Manufacturing Corporation reserves the right to make improvements in design, or changes in specifications at any time, without incurring any obligation to owners of units previously sold. This supersedes all previous published instructions.

FEATURES

| DESCRIPTION | 8224RT | 8226RT |
|--|--------|--------|
| Clad-Tuff Fiberglass Woven Side Panels | STD | STD |
| Solid Poly Floor - High Molecular | STD | STD |
| Rear Gate Delay System | STD | STD |
| Automatic Rear Door Unlatch / Latch | STD | STD |
| Hydraulic Drive | STD | STD |
| Rear Transport Lights - LED | STD | STD |
| Personalized Farm Name On Sides | STD | STD |

OPTIONS

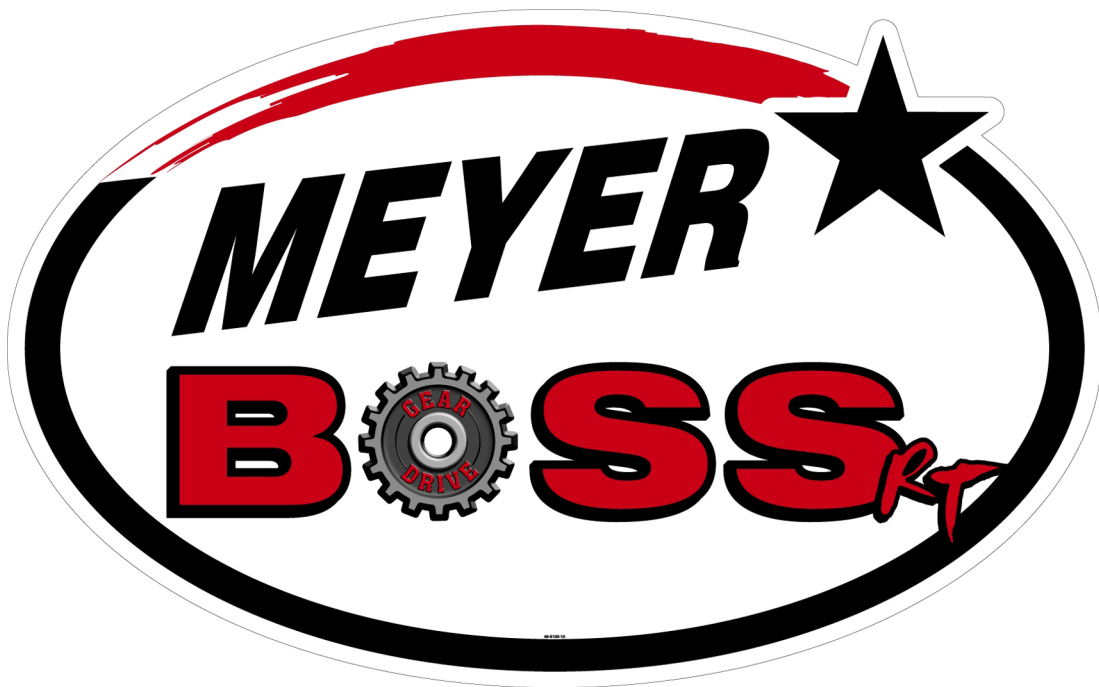
| DESCRIPTION | 8224RT | 8226RT |
|--|--------|--------|
| 14" Removable Side Extension (screen or solid) | OPT | OPT |
| Double Center Opening Doors Air / Hydraulic (Barn Doors) | N/A | N/A |
| Grain Kit / Quick Attach for Top Pivot Door | N/A | N/A |
| Grain Kit / Quick Attach for Barn Door Gate | N/A | N/A |
| Side-Mounted, LED Tail/Turn Lights (in addition to standard) | OPT | OPT |
| Side Hood Deflector/backstop (RH side) | OPT | OPT |
| Black paint in lieu of Red | OPT | OPT |
| Truck Mount Kit w/Steel Fenders | OPT | OPT |
| Factory Install of Truck Mount Kit | OPT | OPT |
| Front Enclosure | OPT | OPT |
| Front to Back Scissor Tarp (electric) | OPT | OPT |
| Side-To-Side Roll Tarp (electric) | OPT | OPT |
| Marker / Clearance Lights & D.O.T Tape | OPT | OPT |

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4.0 MANUFACTURER'S WARRANTY

11/2014

MEYER 8200 "BOSS RT" FORAGE BOX

- I. The "Owner's Registration Form" must be completed in full and promptly returned to Meyer Mfg. Corp. for this warranty to become both valid and effective. All warranties on new Meyer forage boxes shall apply only to the original retail customer from an authorized Meyer Mfg. Corp. dealership.
- II. This warranty shall not apply to any Meyer forage box which has been subjected to misuse, negligence, alteration, accident, incorrect operating procedures, has been used for an application not designed for or pre-authorized by Meyer in writing, has had the serial numbers altered, or which shall have been repaired with parts other than those obtained through Meyer Mfg. Corp. Meyer is not responsible for the following: Depreciation or damage caused by normal wear, lack of reasonable and proper maintenance, failure to follow the operator's manual recommendations or normal maintenance parts and service. Meyer is not responsible for rental of replacement equipment during warranty repairs, damage to a power unit (including but not limited to a truck or tractor), loss of earnings due to equipment down time, or damage to equipment while in transit to or from the factory or dealer.
- III. Meyer Mfg. Corp. warrants new Meyer forage box to be free from defects in material and workmanship under recommended use and maintenance service, as stated in the "Owner / Operator's Manual and Parts Book, as follows:
 - A. Meyer Mfg. Corp. will repair or replace F.O.B. Dorchester, WI, as Meyer Mfg. Corp. elects, any part of a new Meyer forage box which is defective in material or workmanship:
 - i. Without charge for either parts or labor during the first (1) year from purchase date to the original retail customer.
 - ii. Without charge for parts only during the second (2) year from purchase date to the original retail customer.
 - B. In addition to the above basic warranty, Meyer Mfg. Corp. will repair or replace F.O.B. Dorchester, WI as Meyer mfg. Corp. elects:
 - i. Any part of the following which is defective in material or workmanship (not neglect to recommended use and service) without charge for parts only (not labor) during the stated time periods from date of purchase to the original retail customer:

Two (2) Years: a. The 8200-RT Series enclosed main apron drive Berma gearbox assembly, Meyer #19-0202.

b. The D667XH pintle main apron chain assembly.
 - ii. Any part of the following which is defective in material or workmanship (not neglect to recommended use and service) with a "pro-rated" charge for parts only (not labor) during the stated time period from date of purchase to the original retail customer:

Ten (10) Years: a. The all welded steel frame box structure.
- IV. COMMERCIAL USE: Coverage as in paragraph III.A.i. ONLY, except warranty cover is for (90) days for parts and labor to the original commercial retail customer.
- V. Repairs eligible for labor warranty must be made by Meyer Mfg. Corp. or an authorized Meyer dealership. The original retail customer is responsible for the transportation of the forage box to the dealership for warranty service or for any service call expenses.
- VI. Except as stated above, Meyer Mfg. Corp. shall not be liable for injuries or damages of any kind or nature, direct, consequential, or contingent, to persons or property. This warranty does not extend to loss of crop or for any other reasons.
- VII. No person is authorized to give any warranties or to assume any other obligation on Meyer Mfg. Corp.'s behalf unless made or assumed in writing by Meyer Mfg. Corp. This warranty is the sole and exclusive warranty which is applicable in connection with the manufacture and sale of this product and Meyer Mfg. Corp.'s responsibility is limited accordingly.
- VIII. Tires, optional scales and tarps fall under the original manufacturer's warranty.



5.0 SAFETY

The Meyer Forage Box is manufactured with operator safety in mind. Located on the forage box are various safety signs to aid in operation and warn of hazardous areas. Pay close attention to all safety signs on the forage box.

Carefully follow the operating and maintenance instructions in this manual and all applicable safety laws. Failure to follow all safety procedures may result in serious injury or death.

Before attempting to operate this forage box, read and study the following safety information. In addition, make sure that every individual who operates or works with the forage box, whether family member or employee, is familiar with these safety precautions.

Meyer Mfg. Corp. provides guards for exposed moving parts for the operator's protection; however, some areas cannot be guarded or shielded in order to assure proper operation. The operator's manual and safety signs on the forage box itself warn you of hazards and must be read and observed closely!

Safety Alert Symbol

This symbol is used to call attention to instructions concerning personal safety. Be sure to observe and follow these instructions. Take time to be careful!



The signal word **DANGER** on the machine and in the manual identifies a hazardous situation which, if not avoided, WILL result in death or serious injury.



The signal word **WARNING** on the machine and in the manual indicates a potentially hazardous situation which, if not avoided, COULD result in death or serious injury.



The signal word **CAUTION** on the machine and in the manual indicates a potentially hazardous situation which, if not avoided, MAY result in minor or moderate injury. It may also be used to alert against unsafe practices.



IMPORTANT

This notice identifies procedures which must be followed to avoid damage to the machine.

Danger, Warning, Caution, and instructional decals and plates are placed on the equipment to protect anyone working on or around this machine, as well as the components of the machine. All personnel operating or maintaining this equipment must familiarize themselves with all Danger, Warning, Caution, and instructional decals and plates.

5.1 SAFETY PRECAUTIONS



All individuals who will operate this Forage Box must read and completely understand this Operator's And Parts Manual. Operator must have instructions before operating the machine. Untrained operators can cause injury or death.

- The emergency stop mechanism stops only the front unloading unit from operating and not the rear unloading operation of the forage box. Trip the emergency stop regularly with the trip cables to ensure that it will shut the front unloading unit down in an emergency.
- DO NOT allow anyone to operate, service, inspect or otherwise handle this forage box until all operators have read and understood all of the instructional materials in this Operator's And Parts Manual and have been properly trained in its intended usage.
- For an operator to be qualified, he or she must not use drugs or alcohol which impair alertness or coordination while working. An operator who is taking prescription drugs must get medical advice to determine if he or she can safely operate a machine and the equipment.
- Make sure all personnel can READ and UNDERSTAND all safety signs.
- DO NOT allow minors (children) or inexperienced persons to operate this forage box.
- DO NOT operate until all shields and guards are in place and securely fastened.
- DO NOT step up on any part of the forage box at any time.
- DO NOT adjust, clean, lubricate, or reset the emergency stop while the forage box is in motion.
- Inspect when first delivered and regularly thereafter; that all connections and bolts are tight and secure before operating.
- Know how to stop operation of the forage box before starting it!
- Make certain everyone is clear of the forage box before applying power.
- Make certain everyone stays clear of the cross conveyor and discharge opening while operating.
- Keep hands, feet and clothing away from moving parts. Loose or floppy clothing should not be worn by the operator.
- Observe all applicable traffic laws when transporting on public roadways (where legal to do so). Check local laws for all highway lighting and marking requirements.
- Shut off and lock out power before adjusting, servicing, maintaining or clearing an obstruction from this machine. (See 5.4 SHUTOFF & LOCKOUT POWER on page 22.)
- Always enter curves or drive up or down hills at a low speed and at a gradual steering angle.
- Never allow riders on either tractor / truck or equipment.
- Keep tractor / truck in a lower gear at all times when traveling down steep grades.
- Maintain proper brake settings at all times (if equipped).
- Stay away from overhead power lines. Electrocution can occur without direct contact.
- Use only properly rated undercarriage and tires.

Safety Precautions For Tractor Towed Units:

- Do not exceed 20 mph (32 kph). Reduce speed on rough roads and surfaces.
- Always install a SMV emblem on pull-type equipment when transporting on roadways and keep clean and bright.
- Always yield to oncoming traffic in all situations and move to the side of the road so any following traffic may pass.

Safety Precautions For Truck Mounted:

- Comply with state and local laws governing highway safety and movement of machinery on roadways.

Safety Precautions For Hydraulic System:

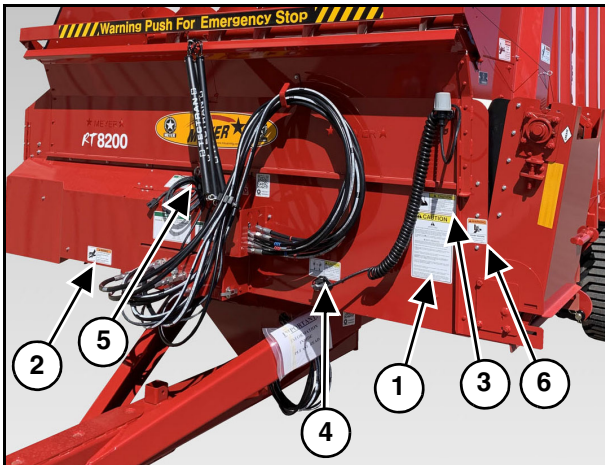
- Check hydraulic tubes, hoses and fittings for damage and leakage. Never use hands to check for leaks. Hydraulic tubes and hoses must be properly routed and have adequate support and secure clamps. Tighten or replace any parts that show leakage.
- Always clean fluid spills. Do not use gasoline or diesel fuel for cleaning parts. Use commercial nonflammable solvents.

5.2 SAFETY SIGNS

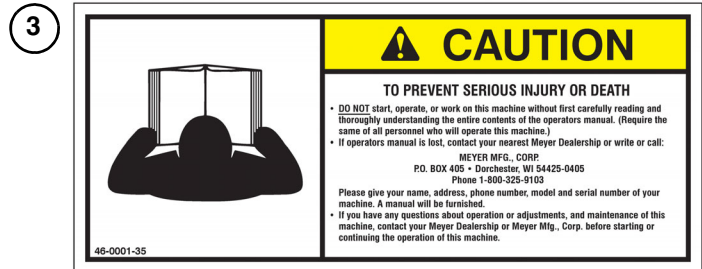


Read all safety signs on the Forage Box and in this manual. Keep all safety signs clean and replace any damaged or missing safety signs before operating the equipment. Do Not remove any safety signs. Safety signs are for operator protection and information.

FRONT OF FORAGE BOX



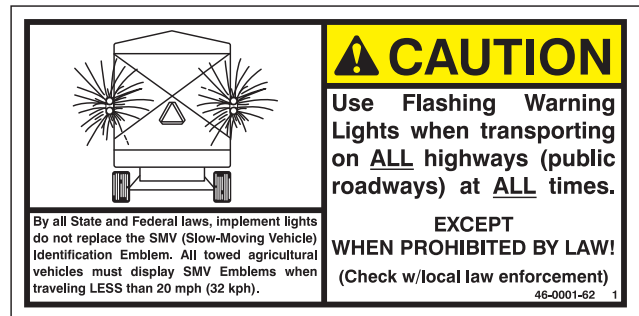
PART NO. 46-8500-7



PART NO. 46-0001-35

1

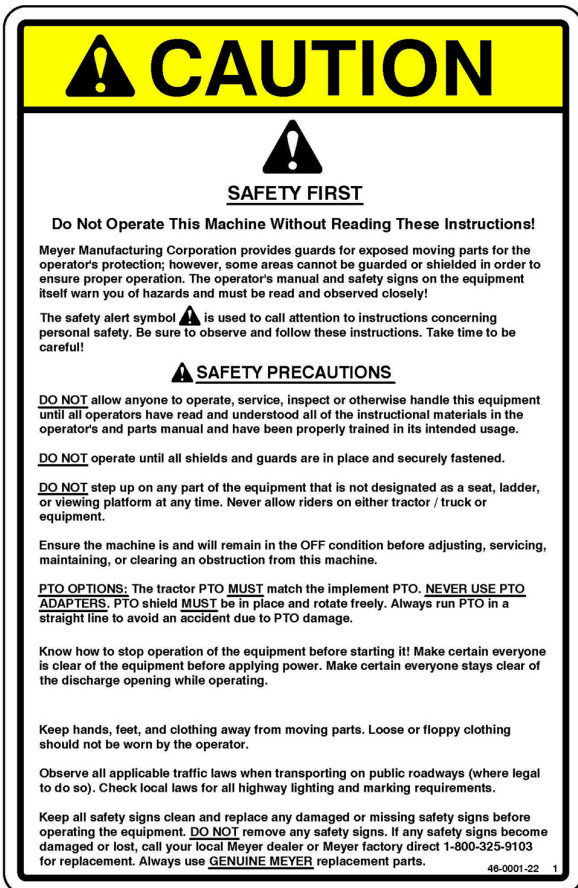
4



PART NO. 46-0001-62 (Pull Type Only)

5

6



PART NO. 46-0001-22



PART NO. 46-0001-72



PART NO. 46-0001-205

REAR OF FORAGE BOX



1



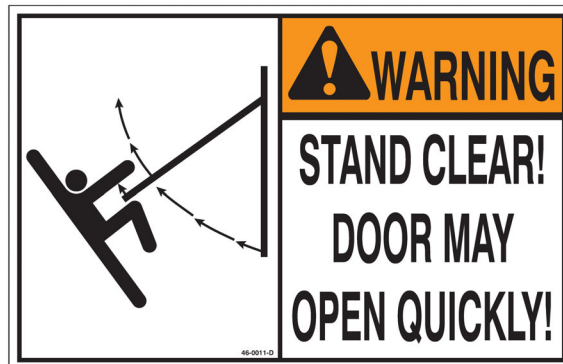
PART NO. 46-0001-4

2



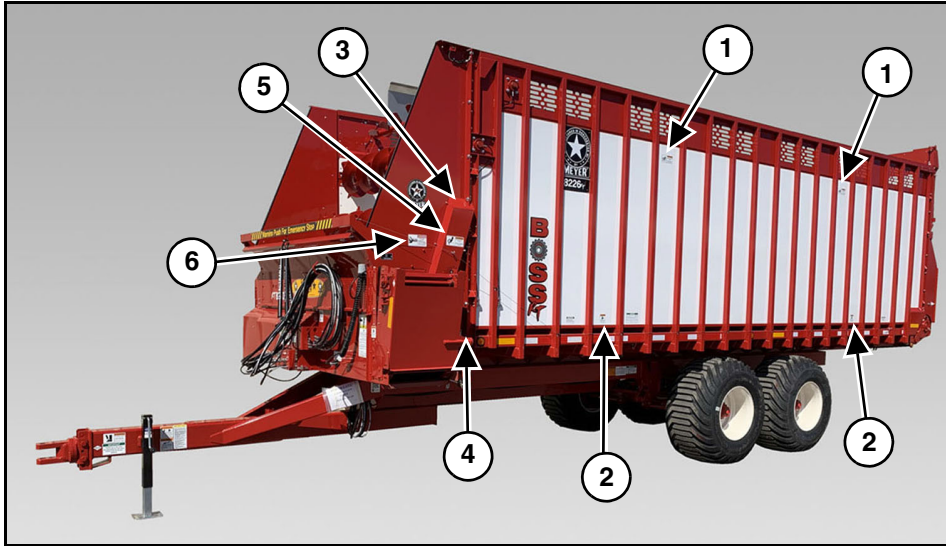
PART NO. 46-9100-4

3



PART NO. 46-0011-D

LEFT SIDE OF FORAGE BOX



1

WARNING
ENTANGLEMENT HAZARD
Do Not Enter Box During Operation

PART NO. 46-9100-4

4

WARNING
OIL INJECTION HAZARD
RELIEVE PRESSURE BEFORE SERVICING.
DO NOT CHECK WITH HANDS.
IF INJURED SEEK EMERGENCY MEDICAL ATTENTION.

PART NO. 46-8500-7

2

WARNING
CRUSH HAZARD
MOVING PART PINCH POINT
KEEP HANDS CLEAR

PART NO. 46-0001-205

5

WARNING
ENTANGLEMENT HAZARD
KEEP ALL SHIELDS IN PLACE WHILE MACHINE IS RUNNING

PART NO. 46-0001-4

3

DANGER
ENTANGLEMENT HAZARD
Keep All Shields In Place While Machine Is Running

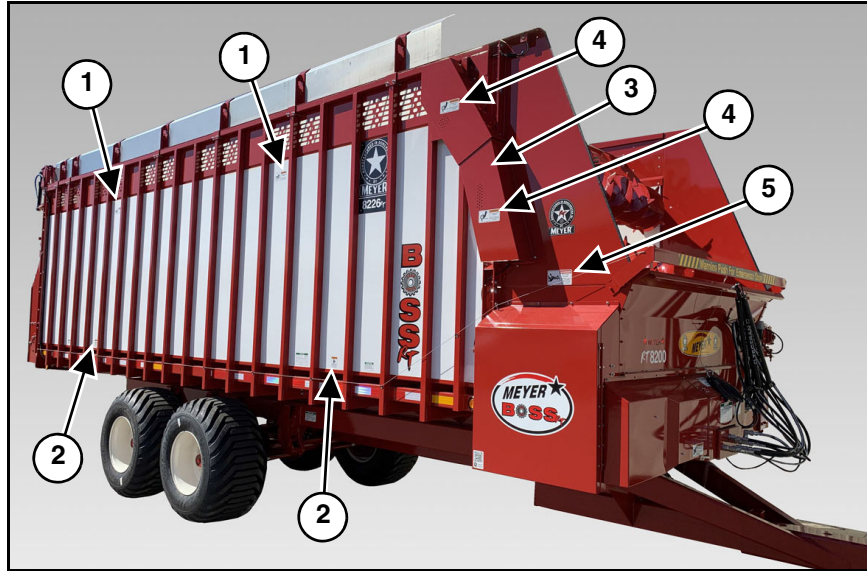
PART NO. 46-0001-26
(Located Under Shield)

6

DANGER
Rotating Augers
Disconnect and Lock Out Power Before Entering Box to Service.

PART NO. 46-0001-5

RIGHT SIDE OF FORAGE BOX



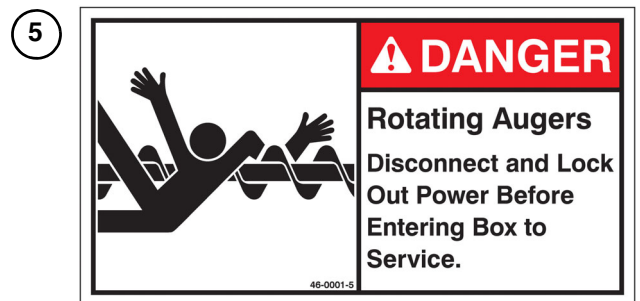
PART NO. 46-9100-4



PART NO. 46-0001-4



PART NO. 46-0001-205



PART NO. 46-0001-5



(Located Under Shield) PART NO. 46-0001-26

5.3 EMERGENCY SAFETY STOP



If the emergency stop mechanism does not function properly, do not operate the machine until the emergency stop mechanism has been properly repaired. Failure to heed may result in serious personal injury or death.

5.3.1 Emergency Stop Trip Locations

The “Warning Push For Emergency Stop” bar (Item 1) is located on the front of the forage box.

Emergency stop trip cables (Item 2) connected to the “Warning Push For Emergency Stop” pushbar extend along both sides of the forage box.



The emergency stop mechanism stops only the front unloading unit from operating and not the rear unloading operation of the forage box.

5.3.2 Emergency Stop Operation

Push up on the bar (Item 1) to shut down the forage box in an emergency.

Pull on the trip cables (Item 2) to shut down the forage box in an emergency.

NOTE: The emergency stop mechanism does not stop the rear unloading operation of the forage box.



5.3.3 Resetting the Emergency Stop



Shutoff and lockout power before adjusting, servicing, maintaining, or clearing an obstruction from this machine. Failure to heed may result in serious personal injury or death.

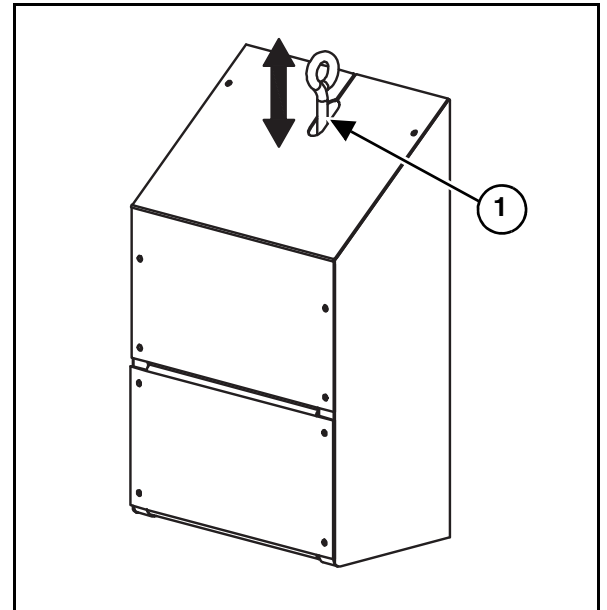


Do not reset the emergency stop mechanism until all bystanders, tools and other objects have been cleared from the forage box. Failure to heed may result in serious personal injury or death.

To reset, push down on the eyebolt (Item 1).

Test the emergency stop mechanism frequently for front unloading operation using the push bar and trip cables at the rear most point of the box, to be assured that the emergency stop mechanism is in proper operating condition and can be shutdown in the event of an emergency.

NOTE: Always keep excessive slack out of the emergency stop trip cables.



5.4 SHUTOFF & LOCKOUT POWER

Any individual that will be adjusting, servicing, maintaining, or clearing an obstruction from this machine needs to ensure that this machine stays safely “OFF” until the adjustment, service, or maintenance has been completed, or when the obstruction has been cleared, and that all guards, shields, and covers have been restored to their original position. The safety of all individuals working on or around this machine, including family members, are affected. The following procedure will be referred to throughout this manual, so be familiar with the following steps.

5.4.1 Shutoff & Lockout Power Recommendations

1. Think, Plan and Check

- a. **Think** through the entire procedure and identify all the steps that are required.
- b. **Plan** what personnel will be involved, what needs to be shut down, what guards / shields need to be removed, and how the equipment will be restarted.
- c. **Check** the machine over to verify all power sources and stored energy have been identified including engines, hydraulic and pneumatic systems, springs and accumulators, and suspended loads.

2. **Communicate** - Let everyone involved, including those working on or around this machine, that work is being done which involves keeping this machine safely “OFF”.

3. Power Sources

- a. **LOCKOUT** - Shut off engines and take the key, or physically lock the start/on switch or control. Disconnect any power sources which are meant to be disconnected (i.e. electrical, hydraulic, and PTO of pull-type units).
- b. **TAGOUT** - Place a tag on the machine noting the reason for the power source being tagged out and what work is being done. This is particularly important if the power source is not within your sight and/or will need to be isolated for a longer period of time.

4. **Stored Energy** - Neutralize all stored energy from its power source. Ensure that this machine is level, set the parking brake, and chock the wheels. Disconnect electricity, block moveable parts, release or block spring energy, release pressure from hydraulic and pneumatic lines, and lower suspended parts to a resting position.

5. **Test** - Do a complete test and personally double check all of the above steps to verify that all of the power sources are actually disconnected and locked out.

6. **Restore Power** - When the work has been completed, follow the same basic procedures, ensuring that all individuals working on or around this machine are safely clear of the machine before locks and tags are removed and power is restored.

IMPORTANT

It is important that everyone who works on this equipment is properly trained to help ensure that they are familiar with this procedure and that they follow the steps outlined above. This manual will remind you when to Shutoff & Lockout Power.

6.0 PRE-OPERATION



CAUTION

DO NOT allow anyone to operate, service, inspect or otherwise handle this forage box until all operators have read and understand all of the instructional materials in this Operator's And Parts Manual and have been properly trained in its intended usage.

Verify that the forage box is securely fastened to the tractor / truck.

Verify that all electrical / hydraulic connections and bolts / hardware are tight and securely fastened before operating the forage box.

Always keep all shields and guards in place and securely fastened.

Keep hands, feet and clothing away.

Wear safety glasses to prevent eye injury when any of the following conditions exist:

- **When fluids are under pressure.**
- **Flying debris or loose material is present.**
- **Tools are being used.**

Failure to heed may result in serious personal injury or death.

6.1 PRODUCT INSPECTION



WARNING

Hydraulic fluid escaping under pressure can have sufficient force to cause injury. Keep all hoses and connections in good serviceable condition. Failure to heed could result in serious personal injury or death.

6.1.1 Before Operating The Forage Box

Before operating the forage box for the first time and each time thereafter, check the following items:

1. Inspect the forage box for proper adjustments. (See 8.2 ADJUSTMENTS on page 39.)
2. Lubricate the equipment. (See 8.1 LUBRICATION on page 35.)
3. Make sure that all guards and shields are in place, secured and functioning as designed.
4. Check all main roller bearings for wear. Replace as needed.
5. Remove any twine, wire or other material that has become entangled around the apron drive system, front augers, or cross conveyor system.
6. Check condition of all hydraulic components for leaks. Repair or replace as required.
7. Check the hydraulic oil level. (See 8.1 LUBRICATION on page 35.)

6.2 LIGHT HOOK-UP

Truck Mounted Models: A 4 pin electrical socket is provided to connect the electrical control plug from your truck. This will operate signal, tail, clearance and brake lights.

NOTE: Depending on make and model of the truck, it may be necessary to install a light converter. (Meyer part #56-0028). The converter allows signal lights and brake lights to operate according to DOT Lighting Standards.

6.3 HYDRAULIC HOOK-UP

Truck and tractor hydraulic system should be capable of 30 GPM @ 3000 PSI peak pressure. If truck mounted, install a relief valve set at 3000 PSI. Engine RPM should be 1500 RPM. Set up hydraulic system on truck mounted units with a minimum of a 45-50 gallon reservoir. An oil cooler and a 30 GPM priority flow control is required to be installed with the wet kit.

Truck Mount 2-Way Boxes: Will need a selector valve to switch between front and rear unloading.

Front Unload

Pull-Types: Connect the pressure line to the front unload port on the implement. Connect the pressure and return line to the tractor.

Truck Mount 2-Way Boxes: Switch selector valve to front unload.

Hydraulic Cross Conveyor Extension (Option): Connect the two hydraulic hoses from the implement to a hydraulic bank on the tractor. It is recommended to mark the hoses so they are connected the same each time resulting in familiar operation of the tractor hydraulic circuit.

Electric Controller: Plug the controller cable into the electrical connector on the forage box. Place or mount the controller in the tractor cab and connect the power cable into truck / tractor power outlet.

Rear Unload

Pull-Types: Connect the pressure line to the rear unload port on the implement. Connect the pressure and return line to the tractor.

Truck Mount 2-Way Boxes: Switch selector valve to rear unload.

Electric Controller: Plug the controller cable into the electrical connector on the forage box. Place or mount the controller in the tractor cab and connect the power cable into truck / tractor power outlet.

NOTE: The PTO horsepower and/or hydraulic requirements may not reflect adequate tractor size for towing the machine. Refer to Tractor Weight Requirements 6.9.3 for these recommendations and transporting section for additional tractor and towing requirements.

IMPORTANT

Do not exceed maximum PSI or a motor failure could result.

6.4 HITCHING TO TRACTOR

Move to the operator's position, start the engine and release the parking brake.



WARNING

Do not allow anyone to stand between the tongue or hitch and the tractor when backing up to the Forage Box.

Move the tractor in front of the forage box. Slowly move the tractor backwards towards the forage box and align the drawbar with the implement's hitch.

NOTE: Lower or raise the forage box jack to properly align the drawbar and hitch.

Fasten the forage box hitch to the tractor drawbar with a properly sized hitch pin with safety retainer. (Reference ANSI/ASABE AD6489-3 Agricultural vehicles - Mechanical connections between towed and towing vehicles - Part 3: Tractor drawbar.) (See your Trailer / Chassis manual for further details.)

Before operation and after hitching the tractor to the implement, connect the hydraulic hoses and light cord to the tractor. Connect any optional equipment as needed.

6.5 START-UP AND SHUT-DOWN



CAUTION

DO NOT allow anyone to operate, service, inspect or otherwise handle this forage box until all operators have read and understand all of the instructional materials in this Operator's And Parts Manual and have been properly trained in its intended usage.

Before operating the forage box, look in all directions and make sure no bystanders, especially small children are in the work area.



WARNING

Disengage the hydraulic power, engage the machine's parking brake, stop the engine and make sure all moving components are completely stopped before connecting, disconnecting, adjusting or cleaning this equipment.

Always keep all shields and guards in place and securely fastened.

Keep hands, feet and clothing away.

6.5.1 FRONT UNLOAD START-UP

Truck Mount: Pull out on the selector valve knob.

Enter the tractor or truck and start the engine.

Engage the tractor / truck hydraulics.

Increase engine RPM to 1500.

Turn knob on the controller so the apron speed is at "0".

Flip the switch to "Auger Start" to start the rotation of the augers.

Turn the apron speed up to desired speed.

6.5.2 FRONT UNLOAD SHUT-DOWN

Turn the apron speed dial to "0".

Turn the switch to "Power Off" the augers.

Disengage the tractor / truck hydraulics to stop the cross conveyor.

Exit the tractor / truck.

6.5.3 REAR UNLOAD START-UP

Truck Mount: Push in on the selector valve knob.

Enter the tractor or truck and start the engine.

Engage the tractor / truck hydraulics.

Flip the switch on the control box to "Rear Unload".

Increase engine RPM to 1500.

6.5.4 REAR UNLOAD SHUT-DOWN

Reduce the engine speed to idle.

Disengage the hydraulics.

Move switch on control box to "Power Off".

Disengage the truck / tractor hydraulics.

Exit the tractor / truck.

Verify that the door latches have engaged the apron chain links properly, securing the door in the closed position.

6.6 OPERATIONAL CHECKS



CAUTION

Shutoff and lockout power before performing machine service, adjusting, maintaining, or clearing an obstruction from this machine. Refer to section 5.3 SHUTOFF & LOCKOUT POWER.

DO NOT allow anyone to operate, service, inspect or otherwise handle this spreader until all operators have read and understand all of the instructional materials in this Operator's And Parts Manual and have been properly trained in its intended usage.

Before operating the forage box, look in all directions and make sure no bystanders, especially small children are in the work area.



WARNING

Always keep all shields and guards in place and securely fastened. Keep hands, feet and clothing away.



DANGER

Make certain all personnel are clear of the forage box and the rotating spinners or beaters before applying power. Failure to heed may result in serious personal injury or death.

Before running material through the forage box for the first time and each time thereafter, follow the steps listed below.

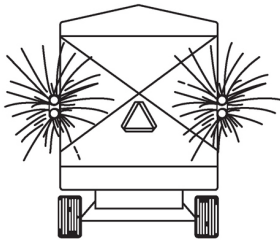
1. Make sure the forage box is empty.
2. Follow the Start-Up procedure section 6.5.1 or 6.5.3 depending on your intended use of the box.
3. Operate the forage box for approximately 5-10 minutes.
4. Follow the Shut-Down procedure section 6.5.2 or 6.5.4 depending on your intended use of the box.
5. Check drive components to be sure components are not abnormally hot.
6. Check all hydraulic components for leaks.
7. Adjust and lubricate equipment as needed. (See 8.1 LUBRICATION) & (See 8.2 ADJUSTMENTS)

! CAUTION

AVOID SERIOUS INJURY OR DEATH

- Read and understand owner's manual before using. Review safety precautions annually.
- Before operating the forage box, look in all directions and make sure no bystanders, especially small children are in the work area.
- No riders allowed when transporting.
- Do not drink and drive.
- Before moving, be sure required lights and reflectors are installed and working.
- Before maintenance or repair, stop vehicle, set parking brake, and remove ignition key.
- Place safety stands under frame and chock wheels before working on tires or chassis.
- Maintain wheel bolts at torque as recommended in the manual.
- If equipped with brakes, maintain proper adjustment.

! CAUTION



Pull-Type Units

- Use flashing warning lights when transporting on ALL highways (public roadways) at ALL times (Tractor towed models) EXCEPT WHEN PROHIBITED BY LAW! (Check w/local law enforcement).
- By all state and federal laws, implement lights do not replace the SMV (Slow-Moving Vehicle) identification emblem. All towed agricultural vehicles must display SMV emblems when traveling LESS than 20 mph (32 kph).
- Check for traffic constantly. Be sure you can see that no one is attempting to pass you and that all traffic is sufficiently clear from you before making any turns.
- Securely attach to towing unit. Use a high strength appropriately sized hitch pin with mechanical retainer and attach safety chain.
- Do not exceed 20 mph (32 kph). Slow down for corners and rough terrain.

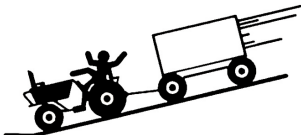
! WARNING



To Prevent Serious Injury Or Death

- Keeps hands and body out of the hitch area when attaching towing vehicle.
- Keep body clear of crush point between towing vehicle and load.

! WARNING



To Prevent Serious Injury Or Death

- Shift to lower gear before going down steep grades.
- Avoid traveling on slopes or hills that are unsafe.
- Keep towing vehicle in gear at all times.
- Never exceed a safe travel speed (which could be less than 20 MPH.).

WARNING

You must observe all applicable traffic laws when transporting on public roadways. Check local laws for all highway lighting and marking requirements. Failure to heed could result in serious personal injury or death.

WARNING

(Tractor Powered) Do not low at speeds in excess of 20 mph. Failure to heed could result in serious personal injury or death.

IMPORTANT

Verify that the rear discharge door latches have engaged the apron chain links, securing the doors in the closed position before traveling on roadways.

IMPORTANT

Verify that the fold down cross conveyor extension (if equipped), is folded up (raised position) to reduce transport width.

IMPORTANT

The running gear on tractor pulled models may be equipped with a telescoping tongue for convenience to hitch up. Always back up and lock this tongue in the operating position after hitching.

NOTE: An Optional Highway Lighting Package is available to assist in meeting these requirements. See your Meyer Dealer for Details.

6.7.1 Safety Chain

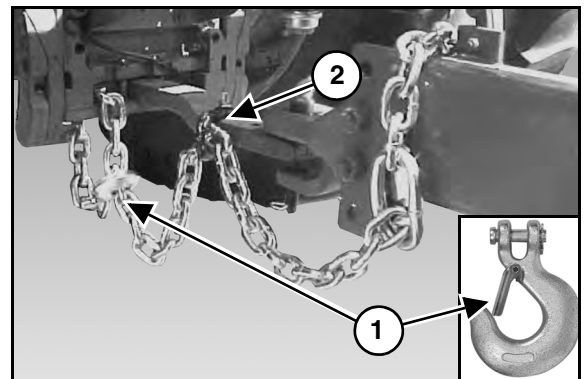
WARNING

A safety chain must be installed to retain the connection between the tractor (or other towing vehicle) and implement whenever traveling on public roads in case the hitch connection would separate.

The chain must be of adequate size to hold the weight of the loaded forage box.

NOTE: If using a grab hook at the end(s) of the chain to secure the chain to itself, a hook latch (Item 1) must be installed.

The length of the safety chain is not to be any longer than necessary to turn without interference. If any chain links or attachment hardware are broken or stretched, repair before using. Store chain so it does not corrode or become damaged. Do not use this chain for other implements because the strength and length of the chain may not be adequate. Identify this chain for use on this particular forage box.



NOTE: Do not use the intermediate support (Item 2) as the attaching point.

IMPORTANT

If you do not have a safety chain, or a replacement safety chain is needed, see your local Meyer dealer and do not operate on public roads until you are able to travel with the safety chain properly installed.

6.7.2 Brake Information

See your trailer / chassis manual for brake and braking Information.

6.7.3 Tractor Towing Size Requirements

Use the following charts to help calculate the minimum tractor weight when towing without implement brakes. The minimum tractor weight, up to 20 mph (33 kph) needs to be 2/3's of the box Gross Weight (GW). Gross Weight is calculated by the empty weight of the box and undercarriage combined added to the Load Weight. Then take the Gross Weight and multiply it by 0.667 and you will get the Minimum Required Weight of the Tractor.

Gross Weight

| FORAGE BOX WEIGHT, EMPTY (LBS) | | UNDERCARRAIGE WEIGHT (LBS) | | LOAD (LBS) | | GROSS WEIGHT (GW) (LBS) |
|--------------------------------|---|----------------------------|---|------------|---|-------------------------|
| | + | | + | | = | GW |
| | + | | + | | = | |

Minimum Required Weight of the Tractor

| $\frac{2}{3}$ | | GROSS WEIGHT (GW) (LBS) | | MINIMUM TRACTOR WEIGHT (LBS) |
|---------------|---|-------------------------|---|------------------------------|
| 0.667 | x | GW | = | TW |
| | x | | = | |

7.0 OPERATION



DO NOT allow anyone to operate, service, inspect or otherwise handle this forage box until all operators have read and understand all of the instructional materials in this Operator's And Parts Manual and have been properly trained in its intended usage.

Before operating the forage box, look in all directions and make sure no bystanders, especially small children are in the work area.

Do not climb or step on any part of the forage box at any time.

Turn on level ground. Slow down when turning.

Go up and down slopes, not across them.

Keep the heavy end of the machine uphill.

Do not overload the machine.

Check for adequate traction.



7.1 LOADING



Shutoff and lockout power before adjusting, servicing, maintaining, or clearing an obstruction from this machine. Failure to heed may result in serious personal injury or death.



Overloading may cause failure of axles, tires, structural members, hitches, loss of vehicle control. **DO NOT** exceed maximum gross weight. (See 11.0 SPECIFICATIONS on page 97.)



Filling the forage box evenly from the front to rear will ensure there is downward force on the tractor hitch and provide traction for the tractor wheels.

NOTE: Heaping material over the sides of the box will add a significant amount of weight to the load.

NOTE: Overloading can have detrimental effects on the integrity of the implement and it's safe use. Some materials such as soybeans may not be able to be filled to struck level. Overloading will void warranty and increase risk to the operator's safety. Always be aware of your gross weight.

| MAXIMUM FORAGE BOX GROSS WEIGHT | |
|---------------------------------|--------|
| MODEL | LBS |
| 8224 | 50,000 |
| 8226 | 50,000 |

| MATERIAL ESTIMATED WEIGHT PER CUBIC FOOT | |
|--|--------------|
| MATERIAL | LBS / CU.FT. |
| Soybeans | 47 lbs. |
| Cotton Seed (Dry) | 20 lbs. |
| Corn (Shelled) | 45 lbs. |
| Corn Silage | 30 lbs. |
| Haylage | 20 lbs. |
| Sawdust | 17 lbs. |

NOTE: Maximum Gross Weight is the lesser value between the Implement, chassis, or tires

NOTE: DO NOT fill the cross conveyor unloading area with forage to gain extra capacity. Filling the front unloading unit puts unnecessary pressures and strains on the cross conveyor and auger drive.

Drive alongside the loading vehicle. Fill the forage box evenly to properly distribute the load while loading. When dumping into the box with an end-loader, center the bucket just forward of the axle to properly distribute the load while loading.

7.2 FRONT UNLOADING

CAUTION

Shutoff and lockout power before adjusting, servicing, maintaining, or clearing an obstruction from this machine. Failure to heed may result in serious personal injury or death.

Never enter the forage box without shutting power “OFF” to the machine. (See 5.4 SHUTOFF & LOCKOUT POWER on page 22.)

Never use “LIVE” power to aid in the clean-out of a clogged machine.

IMPORTANT

The unloading process described is to be performed by the operator alone. This will eliminate unexpected “start-ups” and minimize other hazards that could result by more than one person in control.

NOTE: Unloading is best observed from the operator’s seat.

NOTE: The front of the forage box is open or is equipped with a plexiglass window to monitor forage level from the operator’s seat.

Truck Mount: Make sure the selector valve knob is in the pulled out position.

To start the cross conveyor, engage the tractor / truck hydraulics.

Allow the cross conveyor to clean out.

Turn knob on the controller so the apron speed is at “0”.

Next, flip the switch to “Auger Start” to start the rotation of the augers.

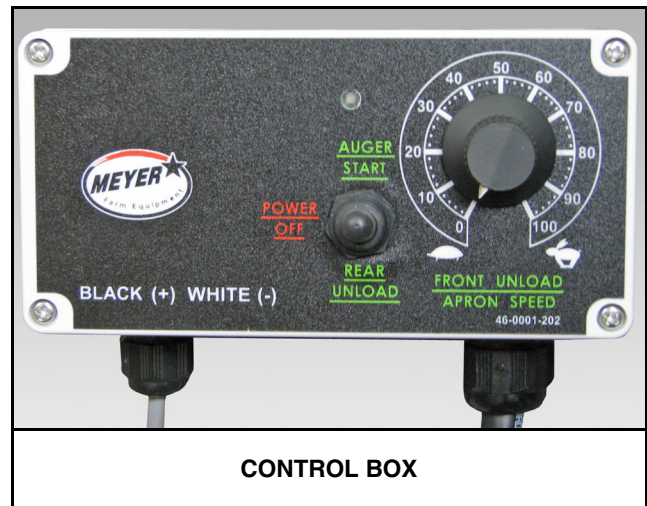
NOTE: This switch can be turned on & off to initially free the augers of forage.

Last, turn the apron speed up to feed the augers and adjust for a good feed rate. When the load nears the end, increase the apron speed for fast clean out.

When you are finished unloading, turn the apron speed dial to “0”.

Next, turn the switch to “Power Off” the augers.

Last, disengage the tractor / truck hydraulics to stop the cross conveyor.



IMPORTANT

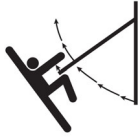
If the forage box becomes clogged, shut off all power to the forage box and wait until all rotating components are completely stopped. (See 5.4 SHUTOFF & LOCKOUT POWER on page 22.)

IMPORTANT

If any component fails, shut off all power to the forage box and move the forage box to a safe work area. Repair or replace damaged components before proceeding with unloading of the forage.

7.3 REAR UNLOADING

WARNING



STAND CLEAR, the rear discharge door can spring open quickly and with extreme force.

Keep all persons well clear of the rear discharge door, forage box and unloading area.

The rear discharge door opens automatically by releasing its latches as the main aprons begin to move.

Pressure of forage against the rear door causes it to spring open very quickly.

CAUTION

Shutoff and lockout power before adjusting, servicing, maintaining, or clearing an obstruction from this machine. Failure to heed may result in serious personal injury or death.

Never enter the forage box without shutting power “OFF” to the machine. (See 5.4 SHUTOFF & LOCKOUT POWER on page 22.)

Never use “LIVE” power to aid in the clean-out of a clogged machine.

IMPORTANT

The unloading process described is to be performed by the operator alone. This will eliminate unexpected “start-ups” and minimize other hazards that could result by more than one person in control.

NOTE: Unloading is best observed from the operator’s seat.

NOTE: The front of the forage box is open or is equipped with a plexiglass window to monitor forage level from the operator’s seat.

Truck Mount: Make sure the selector valve knob is in the pushed in position.

Engage the tractor / truck hydraulics.

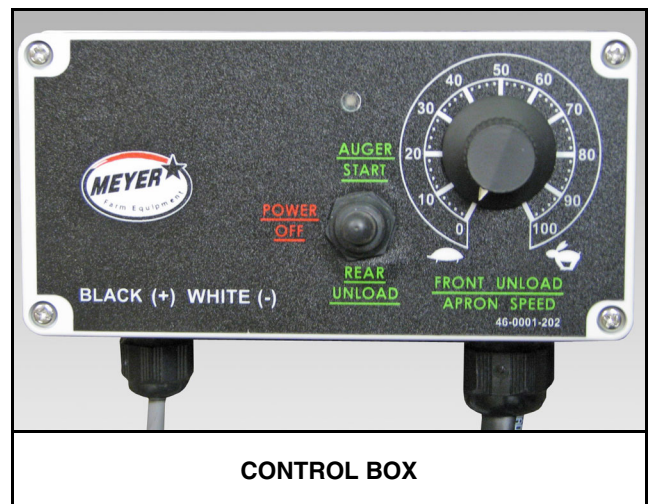
Place all tractor / truck controls in neutral, engage the parking brake, and flip the switch on the control box to “Rear Unload”.

Once the load has started to move, release the parking brake, move forward to prevent the silage from being carried underneath into the main apron chain return area. The front of the box has a plexiglass window for convenient observation. Watch to verify the rear doors have properly released.

NOTE: Do not operate above the rated 1500 RPM engine speed.

When finished unloading, reduce engine speed to idle, move switch on control box to “Power Off” and disengage the truck / tractor hydraulics. Move the forage box forward, away from the unloaded pile of forage. When free, gravity will allow the door to swing shut and the door latches to engage the apron chain links, securing the door(s) in the closed position.

Exit the tractor / truck and verify that the door latches have engaged the apron chain links properly, securing the doors in the closed position.



IMPORTANT

If the forage box becomes clogged, shut off all power to the forage box and wait until all rotating components are completely stopped. (See 5.4 SHUTOFF & LOCKOUT POWER on page 22.)

IMPORTANT

If any component fails, shut off all power to the forage box and move the forage box to a safe work area. Repair or replace damaged components before proceeding with unloading of the forage.

Unloading Into A Bunker

Keep moving forward to prevent forage from being carried underneath into the main apron chain return area.

7.4 UNHOOKING THE TRACTOR

1. Park the implement on level ground. Put the tractor controls in neutral, set the parking brake, and turn the engine off before dismounting.
2. Place wheel chocks in front and in back of the implement wheels on opposite sides to prevent the implement from rolling after the tractor is unhooked.
3. Remove the hydraulic hose ends from the tractor hydraulic ports and secure the hose ends on the front of the box to keep them clean.
4. Remove the light cords and any optional equipment connections.
5. Remove the jack from the storage mount and install it on the hitch tongue. Crank the jack down until the hitch lifts off the tractor draw bar.



WARNING

Keep hands, legs and feet from under tongue and hitch until jack is locked into place.

6. Remove the hitch pin.
7. Unhook safety chain from tractor drawbar and intermediate support.
8. Slowly drive the tractor away from the implement.

7.5 STANDARD REAR DISCHARGE DOOR

Opening The Door

The rear discharge door opens automatically under load pressure and apron chain movement.

Closing The Door

When finished unloading, reduce engine speed to idle and disengage hydraulic power.

Move the tractor and forage box forward, away from the unloaded forage. When the main hydraulic power has been turned off, hydraulic pressure will be relieved to allow the door to swing shut and the latches to engage the door latch cogs to secure the door in the closed position.

Looking through the front of the box, or using the front plexiglass window for viewing, verify the rear gate has properly latched. If the door latches are not automatically latching, move the washers on either side of the latch so that the latch is centered in the main apron chain link. If the latch is bent or worn, See REAR GATE on page 56 of this manual for replacement.

8.0 MAINTENANCE

8.1 LUBRICATION



CAUTION

SHUTOFF & LOCKOUT POWER before adjusting, cleaning, lubricating or servicing the machine. (See 5.4 SHUTOFF & LOCKOUT POWER on page 22.)

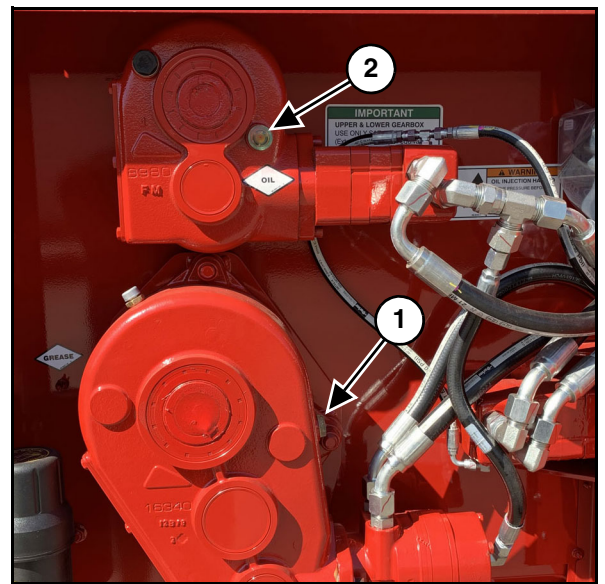
IMPORTANT

Fluid such as hydraulic fluid, grease, etc. must be disposed of in an environmentally safe manner. Some regulations require that certain spills and leaks on the ground must be cleaned in a specific manner. See local, state and federal regulations for the correct disposal.

NOTE: Use a grease type that is composed of a high quality lithium complex or better, unless otherwise stated. We recommend using a #1 grade in colder temperatures or a #2 grade in warmer temperatures.

DAILY

- Using the visual indicator on the front apron drive gearbox (Item 1), auger drive gearbox (Item 2), and rear drive gearbox (Item 3), check gear lube in the gear boxes. The oil level should be at the top of the sight glass when parked on level ground.
- Add EP 80-90 gear lube as needed (Lighter oil may be used in temperatures lower than 20° F.).



Front Drive Compartment Area



Rear Drive Gearbox

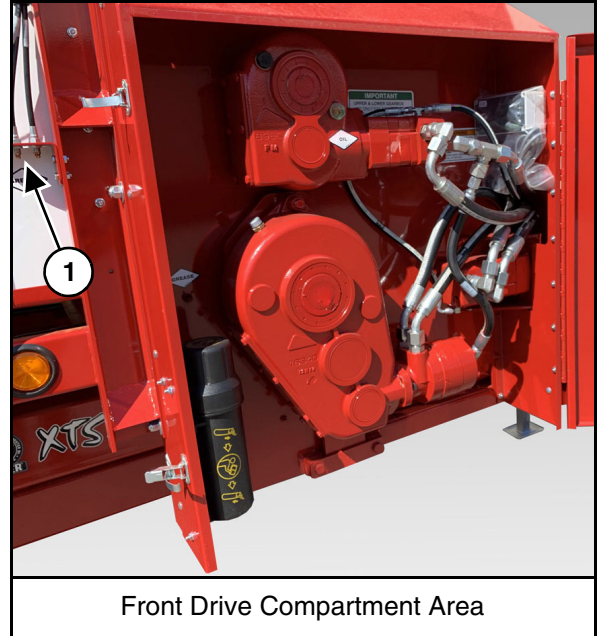
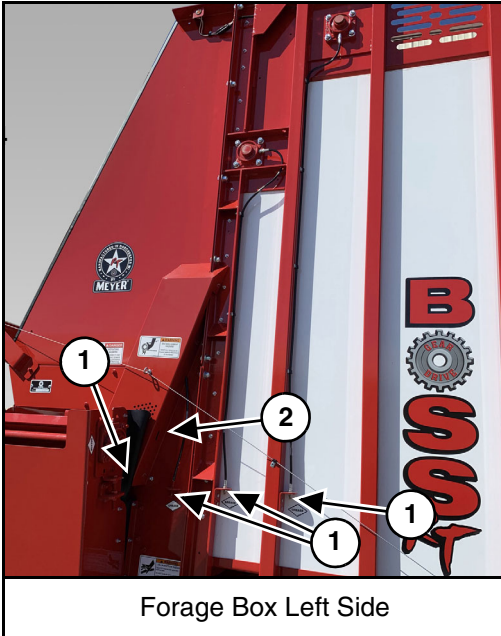
Every 100-150 loads:

- Grease the five auger bearings (Item 1).

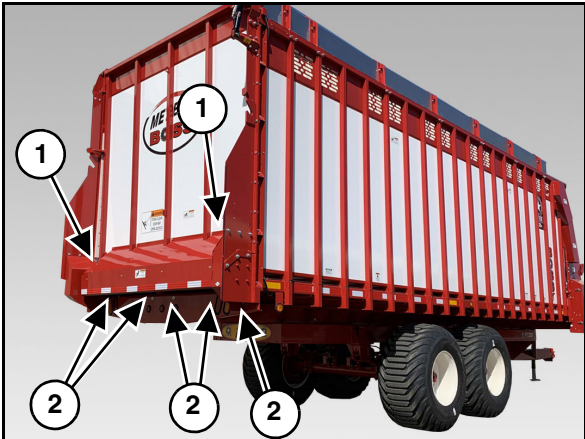
NOTE: 4th Auger Option will have two additional bearings to grease.

- Oil two roller chains (Item 2) on the auger drive.

NOTE: 4th Auger Option will have one additional roller chains to lubricate.

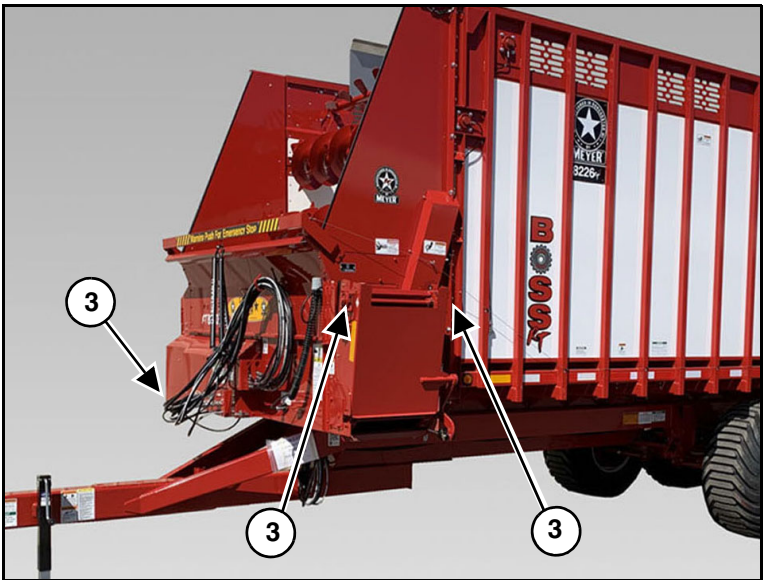


- Apply oil to the two rear gate latch pivot bolts (Item 1).
- Grease eight main apron drive shaft bearings (Item 2).
Three front drive shaft bearings.
Five rear drive shaft bearings.

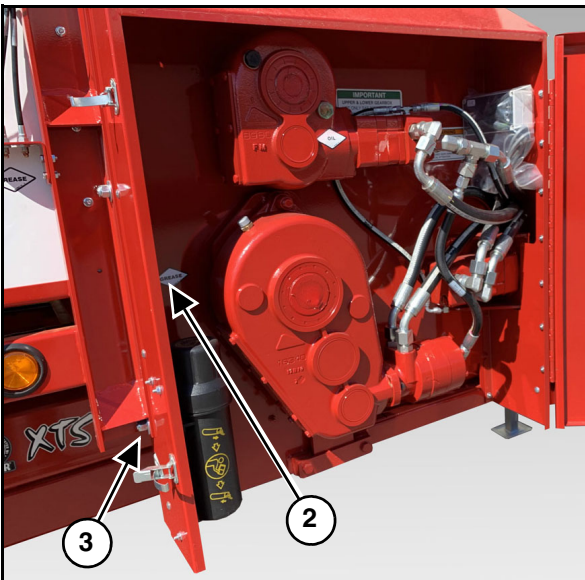


Forage Box Rear

- Grease the four cross apron bearings (Item 3).



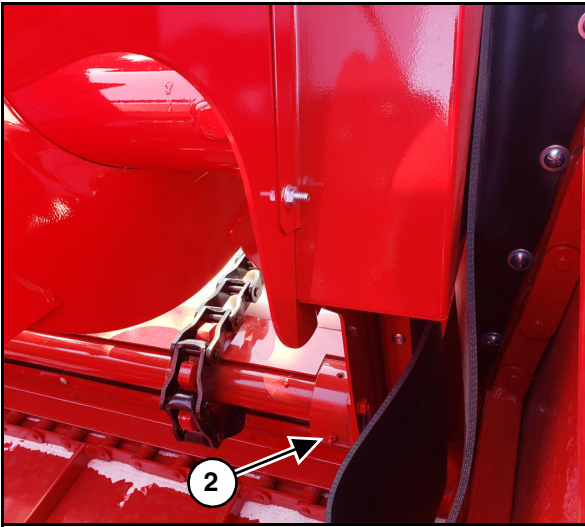
Forage Box Left Side



Front Drive Compartment Area



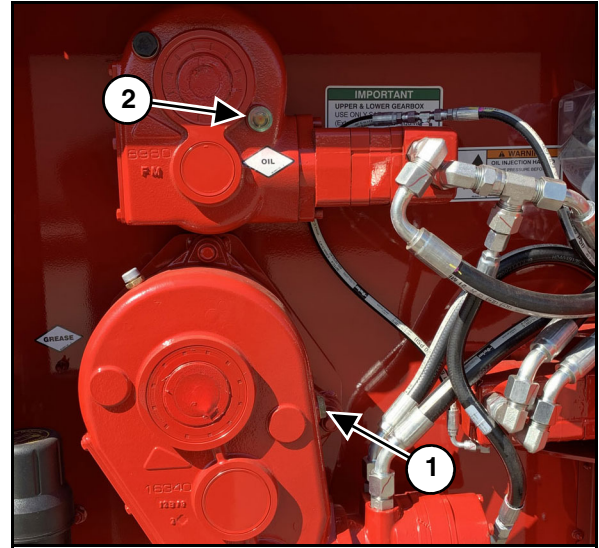
Forage Box Left Side



Unit Discharge

Annually:

- Change the oil in the front apron drive gearbox (Item 1), auger drive gearbox (Item 2), and rear drive gearbox (Item 3).
- Use EP 80-90 gear lube as needed (Lighter oil may be used in temperatures lower than 20° F.).



Front Drive Compartment Area



Rear Drive Gearbox

8.2 ADJUSTMENTS

8.2.1 Cross Conveyor Chain With Cross Apron Hold Downs

Correct adjustment of the cross apron chain occurs when 24" of chain, APRON SLAT does not touch the BOTTOM PAN of the cross apron return area at the discharge opening. To tighten the chain, loosen the eight bolts securing the slotted bearing bracket at each side of the discharge opening. Tighten the chain by tightening the nut on the adjuster bolt. Adjust both sides equally. Retighten the bearing bracket bolts.

8.2.2 Main Apron Chains

After unloading the first ten loads from the front and also after unloading the first ten loads from the rear check the main apron chain tension.

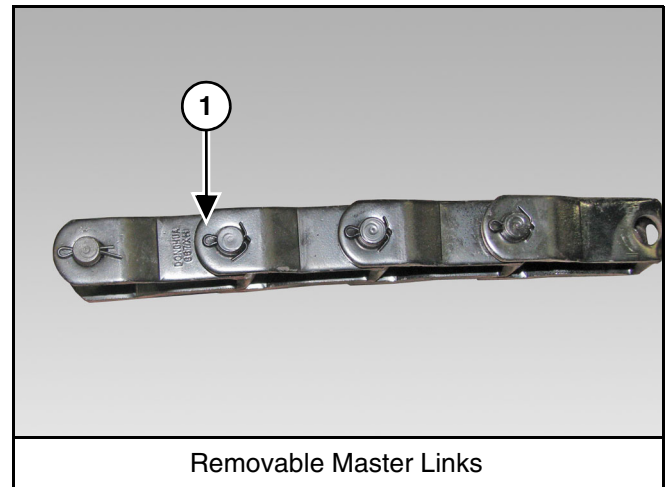
IMPORTANT

Initial wear in of chain will require adjustment to maintain proper chain tension. FAILURE TO MAINTAIN PROPER CHAIN TENSION MAY VOID WARRANTY.

Check chain tension daily for the next five days of operation, and weekly thereafter.

Removable links are provided in the chain.

Locate the removable links by inspecting the chain and locating the section of links with cotter pins (Item 1).

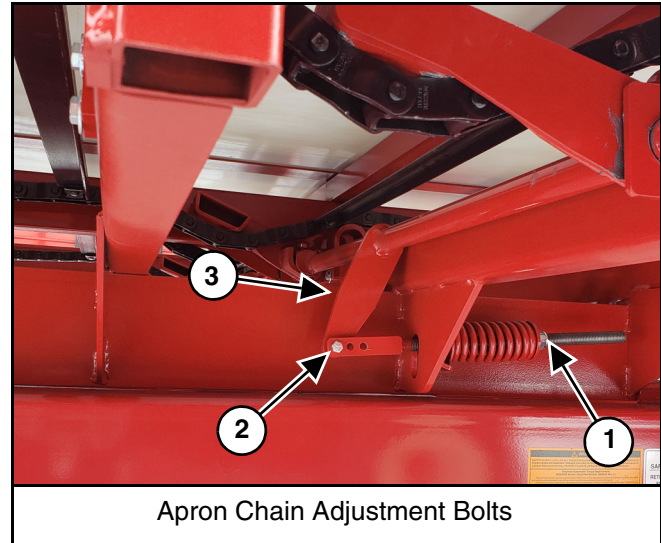


To tighten the main aprons, tighten the tensioner rod (Item 1) on the spring loaded tensioners. Tighten to 5-1/2" compressed length.

NOTE: There are three anchor holes on the clevis end of the tensioner rod. Relieve tension and move the clevis adjustment bolt (Item 2) to a hole closer to the spring when adjuster bolt(s) reach maximum travel.

NOTE: If adjuster bolt(s) reaches maximum travel, remove equal links from each strand. Removable links are provided in the chain.

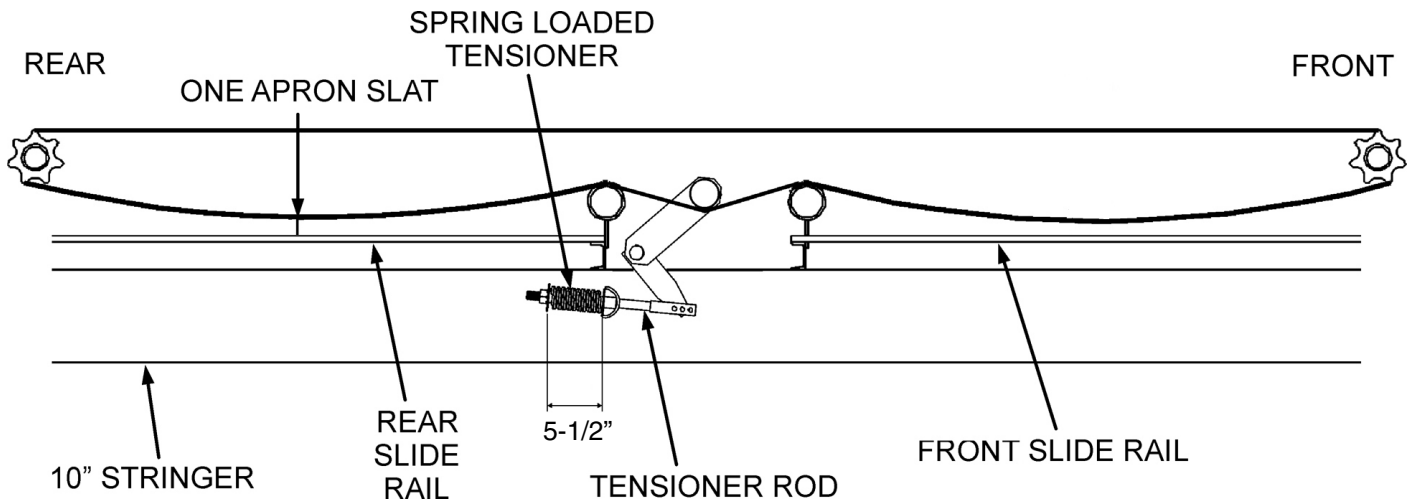
Removable master links are included in each of the four strands for shortening the chain after tightener travel is at its maximum. Remove a link from each of the four strands at the same time to assure proper timing, then re-adjust the clevis adjustment bolt (Item 2) back out, and readjust the spring tension to 5-1/2" compressed length (Item 1).



After repeated regular tightening of the main apron chain assemblies and when the return main apron slats begin to "bottom-out" onto the top of the channel iron of the steel frame stringers, remove equal number of links from each apron chain assembly. Readjust the spring loaded tensioner for **correct** main apron tension.

Adjust the fine adjustment bolt (Item 2) on the pivoting arm (Item 3) tightener as needed to equalize stretch in chain strand pairs of each independent apron assembly.

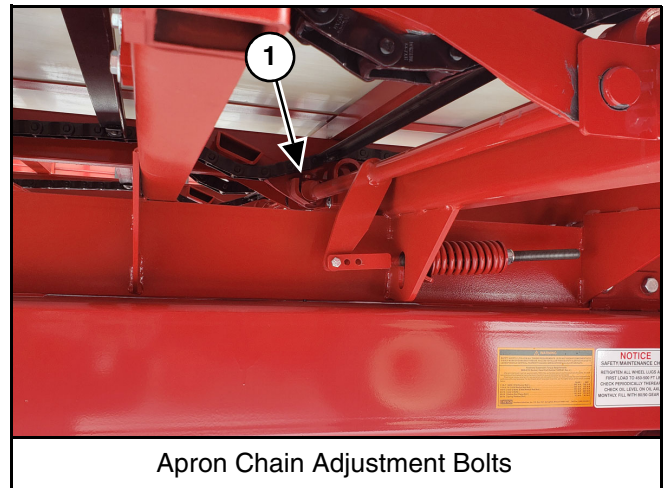
NOTE: If uneven stretching of the chain is occurring from one side to the other side, adjust the fine adjustment bolt on the pivoting arm tightener as needed to equalize the stretch in the chain strand pairs of each independent apron assembly. The adjustment bolt is on the inside arm of the tightener. Loosen the chain tension. Remove the set screw on the inside arm assembly. Tighten the bolt to take up more slack, loosen the bolt to take up less slack on that side of the chain. Once done, reset the set screw. Tighten the chain as previously stated.



IMPORTANT

Correct apron tension occurs when the spring load tensioner measures 5-1/2\".

Loosen the tensioner rod (Item 1) on the main apron chain. This will allow easier adjustment of the adjuster bolt. Located on the inner chain strand of each main apron assembly, there is an adjustable, tightening pivot arm with a 1/2\" x 1-1/4\" adjuster bolt. Turn this 1/2\" x 1-1/4\" bolt by first loosening two set screws located on the adjustable pivot arm. Tighten or loosen the 1/2\" adjuster bolt to make fine adjustment/tightening in the individual chain strands or to equalize stretch in the individual chain strand pairs of each independent main apron assembly. Retighten the two set screws and readjust the spring loaded tensioner for correct apron tension.



Apron Chain Adjustment Bolts

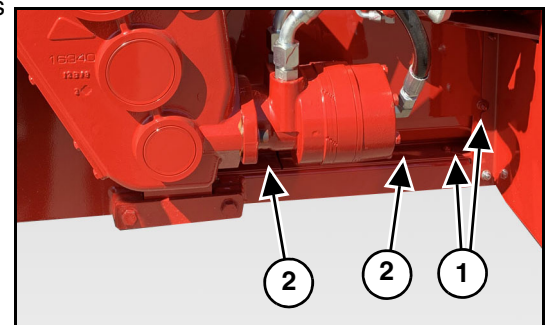
8.3 CLEAN-OUT PANEL

IMPORTANT

Clean out all debris / foreign material from this area to maintain proper cross conveyor chain operation.

Remove the six (6) bolts (Item 1) and remove both clean-out panels (Item 2).

There is one cleanout panels under the unit for cross apron clean out.



8.4 STORING THE FORAGE BOX

LOCKOUT / TAGOUT the machine / forage box. (See 5.4 SHUTOFF & LOCKOUT POWER on page 22.)

Sometimes it may be necessary to store your Meyer forage box for an extended period of time. Below is a list of items to perform before storage.

- Fully empty the forage from the box. (See 7.0 OPERATION on page 31.)
- Thoroughly clean the equipment inside & out.
 - Clean out all materials built-up around the augers.
 - Clean the front cross conveyor on the top pan and in the lower pan (chain return).
 - Clean out the “clean-out” panel.
 - Clean the rear gate shield.
 - Clean the inside of the drive shields.
- Lubricate the equipment. (See 8.1 LUBRICATION on page 35.)
- Apply oil to the cross conveyor and main apron chains and inspect all forage box components for wear or damage. Repair and replace components as necessary.
- Make appropriate adjustments to equipment. (See 8.2 ADJUSTMENTS on page 39.)
- Place hydraulic hoses and 7-pin connector in the storage brackets (if equipped).
- Inspect the hitch and all welds on the equipment for wear and damage.
- Check for loose hardware, missing guards, or damaged parts.
- Check for damaged or missing safety signs (decals). Replace if necessary.
- Replace worn or damaged parts.
- Touch up all paint nicks and scratches to prevent rusting.
- Place the equipment in a dry protected shelter.
- Place the equipment flat on the ground.

8.5 RETURNING THE FORAGE BOX TO SERVICE

After the Meyer forage box has been in storage, it is necessary to follow a list of items to return the equipment to service.

- Be sure all shields and guards are in place.
- Lubricate the equipment.
- Connect to a truck (if required) and operate the truck and equipment, verify all functions operate correctly.
- Connect to a tractor (if required) and operate equipment, verify all functions operate correctly.
- Check for leaks. Repair as needed.
- Verify that all adjustments have been made.

9.0 PARTS REPAIR AND REPLACEMENT

9.1 REPLACEMENT PARTS

WARNING

Before servicing this equipment, ensure that all personnel, including family members are familiar with the equipment and the safety hazards that are present, along with the safety practices that should be observed while working in this equipment.

CAUTION

Inspect the axles, o-beams, spindles, tires, hitches and all safety shielding, safety signs and safety lighting regularly. These parts if not watched closely, could pose potential injury or death. If any part is found in need of repair, follow the SHUTOFF & LOCKOUT POWER recommendations and have qualified personnel repair immediately.

Shutoff and lockout power before performing machine service, adjusting, maintaining, or clearing an obstruction from this machine. Refer to section 5.4 SHUTOFF & LOCKOUT POWER.

IMPORTANT

It is important that everyone who works on this equipment is properly trained to help ensure that they are familiar with this procedure and that they follow the steps outlined above. This manual will remind you when to Shutoff & Lockout Power.

At times, parts on this implement will become worn or damaged. Performing repairs on this implement can pose a risk of injury including death. To reduce risk, the party that will be doing the repair should be very knowledgeable of the implement and the equipment that they will be using to do the repair.

- Review the repair so that a plan can be put together and the proper equipment can be used to repair this implement safely and correctly.
- Personal safety equipment may include items such as safety glasses, protective footwear, hearing protection, gloves, fire retardant clothes, etc.

WARNING

Crushing Hazard

Do Not work under suspended or blocked parts.



- The use of hoists and/or supports may be needed to handle heavy components.
- If the implement is being repaired in the field, make sure the parking brake of the tractor is engaged, the implement is on solid and level ground.
- Welding and torching should be done by properly trained individuals who have proven their skills.

IMPORTANT

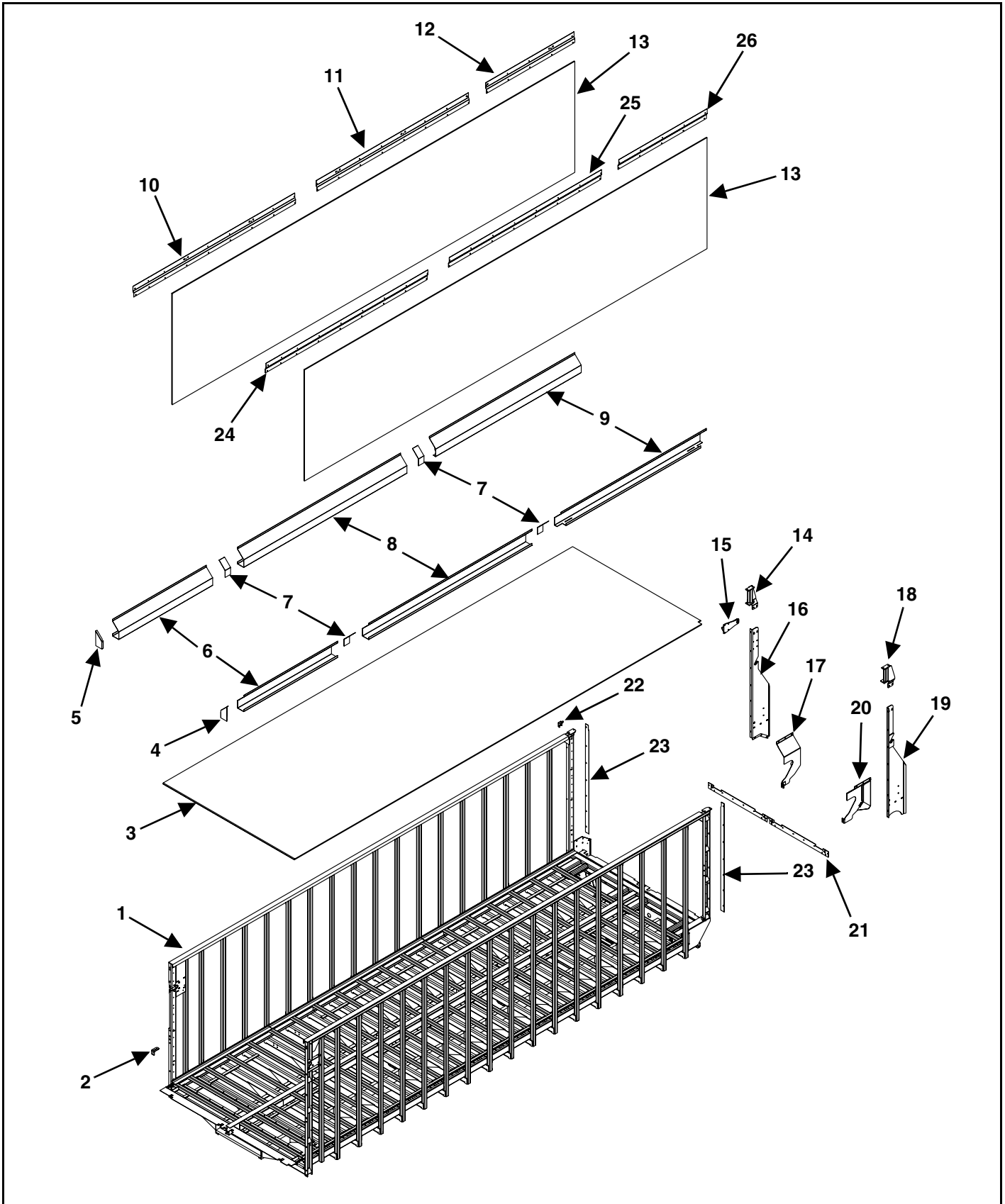
Call the factory for any additional details you may need to perform the repair. Some parts may come with instruction sheets to assist in the repair. Instruction sheets may be provided with your parts order. Otherwise, if available, instruction sheets can be e-mailed or faxed for your convenience. Call Meyer Manufacturing Corporation toll free at 1-800-325-9103 or email parts@meyermfg.com.

NOTE: Be environmentally friendly and dispose of any waste materials properly. Recycle when appropriate.



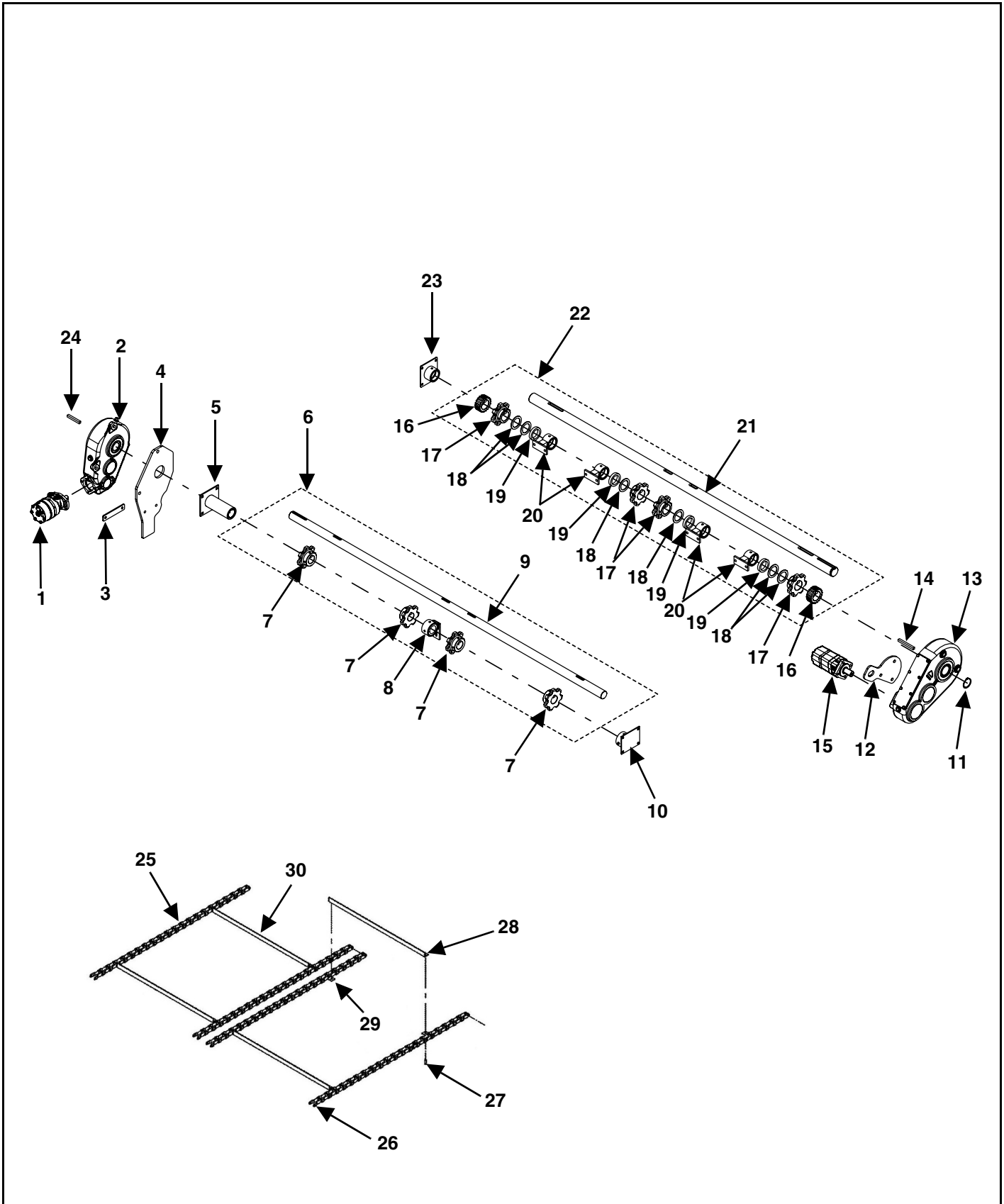
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MAIN BODY



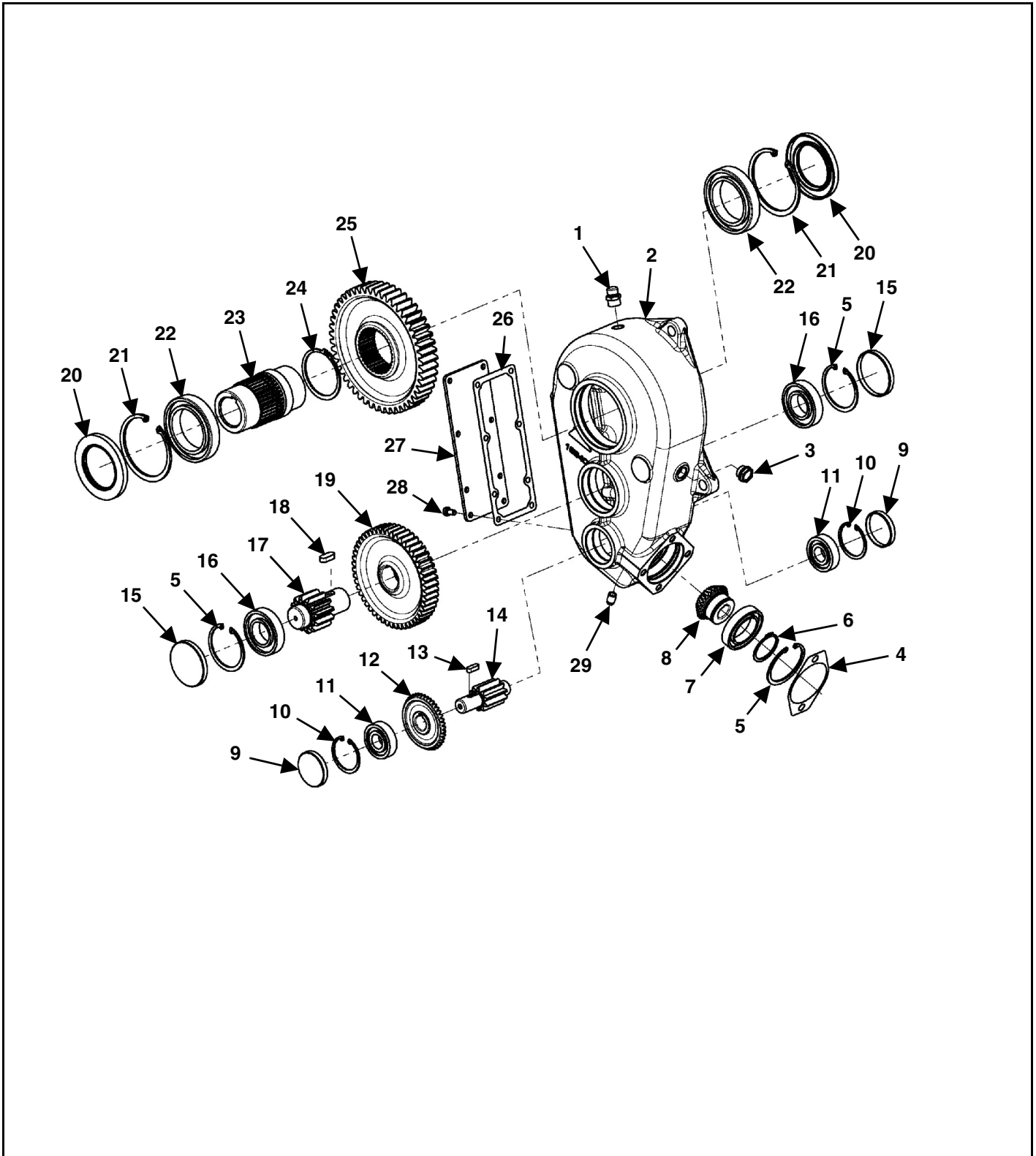
| KEY | PART NUMBER | QTY | DESCRIPTION |
|-----|---------------|-----|---|
| 1 | 100-8215-1 | 1 | 8224 Main Frame |
| | 100-8213-1 | 1 | 8226 Main Frame |
| 2 | 25-0391 | 1 | Remote Grease Line Bracket |
| 3 | 49-0403 | 1 | 8224 Floor |
| | 100-8212-17 | 1 | 8226 Floor |
| 4 | 100-8080-16 | 1 | Left Side Chain Guide End Cap |
| 5 | 100-8080-17 | 1 | Right Side Chain Guide End Cap |
| 6 | 100-8214-5 | 2 | 8224 Front Chain Guide |
| | 100-8210-11 | 2 | 8226 Front Chain Guide |
| 7 | 100-8080-27 | 4 | Splice Support Piece |
| 8 | 100-8080-3 | 2 | Middle Chain Guide |
| 9 | 100-8214-6 | 2 | Rear Chain Guide |
| 10 | 25-0637 | 1 | Front Right Side Filler Panel |
| 11 | 25-0639 | 1 | Center Right Side Filler Panel |
| 12 | 25-0643 | 1 | 8224 Rear Right Side Filler Panel |
| | 25-0641 | 1 | 8226 Rear Right Side Filler Panel |
| 13 | 708-70.75-296 | 2 | 8224 Side Panel |
| | 708-70.75-312 | 2 | 8226 Side Panel |
| 14 | 100-8212-4 | 1 | Right Rear Gate Pivot Extension Welded Assembly |
| 15 | 25-8451 | 1 | Gate Delay Lower Cylinder Mount Weldment |
| 16 | 100-8212-7 | 1 | Right Side Rear Mount Plate Welded Assembly |
| 17 | 100-8080-6 | 1 | Right Rear Gearbox Cover Assembly |
| 18 | 100-8212-5 | 1 | Left Rear Gate Pivot Extension Welded Assembly |
| 19 | 100-8212-6 | 1 | Left Side Rear Mount Plate Welded Assembly |
| 20 | 100-8080-5 | 1 | Left Rear Gearbox Cover Assembly |
| 21 | 49-0298 | 1 | Grain Kit Upper Belt |
| 22 | 24-8022 | 1 | Gate Delay Hose Shield |
| 23 | 100-8212-8 | 2 | Clad Tough End Cap |
| 24 | 25-0636 | 1 | Front Left Side Filler Panel |
| 25 | 25-0638 | 1 | Center Left Side Filler Panel |
| 26 | 25-0642 | 1 | 8224 Rear Left Side Filler Panel |
| | 25-0640 | 1 | 8226 Rear Left Side Filler Panel |

MAIN APRON DRIVE



| KEY | PART NUMBER | QTY | DESCRIPTION |
|-----|-------------------|-----|--|
| 1 | See Page 74 | 1 | White 18.3 Cubic Inch Hydraulic Motor |
| 2 | See Page 50 | 1 | 2" Bore Berma Apron Gearbox |
| 3 | 39-0300-12 | 1 | Torque Arm Retainer |
| 4 | 25-0622-1 | 1 | Torque Arm Plate |
| 5 | 14-0106 | 1 | Apron Bearing Weldment With Bushings |
| | 13-0029 | 2 | Bronze Bushing |
| 6 | 23-0217 | 1 | Main Apron Drive Shaft Assembly |
| 7 | 110-667B7-2.00-3 | 4 | 2-1/4" Pitch 2" Bore Sprocket |
| | 35-0008 | 4 | 1/2" x 1/2" x 2" Square Key |
| 8 | 14-0054 | 1 | Center Main Drive Bearing Assembly |
| | 14-0053-2 | 1 | Front Drive Shaft Bearing |
| 9 | 23-0217-1 | 1 | 2" Main Drive Shaft |
| 10 | 14-0306 | 1 | Main Roller Left Bearing Assembly With Bearing |
| | 14-0053-2 | 1 | Front Drive Shaft Bearing |
| | 827-3816-.5 | 2 | 3/8"-16 x 1/2" Set Screw Knurled Point |
| | 30-0002 | 1 | 1/8" NPT Straight Grease Fitting |
| 11 | 33-0062 | 1 | 2-3/8" External Retaining Ring |
| 12 | 100-8125-1-15 | 1 | Left Torque Plate |
| 13 | See Page 52 | 1 | Rear Gearbox |
| 14 | 135-5050-5-2 | 1 | 1/2" x 1/2" x 5" Square Key |
| 15 | See Page 70 | 1 | White 19.6 Cubic Inch Hydraulic Motor |
| 16 | 100-8200-27-1 | 2 | Door Latch Cog |
| | 135-6363-1.5-1 | 2 | 5/8" x 5/8" x 1-1/2" Square Key |
| | 827-3816-.38 | 2 | 3/8"-16 x 3/8" Set Screw Knurled |
| 17 | 110-667B7-2.38-1 | 4 | 2-1/4" Pitch 2-3/8" Bore Sprocket |
| | 135-6363-2-1 | 4 | 5/8" x 5/8" x 2" Square Key |
| | 827-5013-.375 | 8 | 1/2"-13 x 3/8" Set Screw Knurled |
| 18 | 633-0025 | 6 | Rear Drive Spacer |
| 19 | 100-8125-1-27-1 | 4 | Drive Shaft Spacer Washer |
| 20 | 100-8125-1-14-2 | 4 | Main Shaft Bearing Mount Assembly With Bearing |
| | 100-8125-1-14-2-1 | 4 | Rear Main Shaft Nylon Bearing |
| | 827-3816-.38 | 8 | 3/8"-16 x 3/8" Set Screw Knurled |
| | 30-0002 | 4 | 1/8" NPT Straight Grease Fitting |
| 21 | 23-0220-1 | 1 | Rear Main Shaft |
| 22 | 23-0220 | 1 | Rear Main Shaft Assembly |
| 23 | 100-8080-10 | 1 | Right Main Drive Shaft Bearing Assembly With Bearing |
| | 614-0006-5 | 1 | Rear Drive Shaft Bearing |
| | 827-3816-.38 | 2 | 3/8"-16 x 3/8" Set Screw Knurled |
| | 30-0002 | 1 | 1/8" NPT Straight Grease Fitting |
| 24 | 135-5050-4-1 | 1 | 1/2" x 1/2" x 4" Square Key |
| 25 | 11-0174 | 2 | Main Apron Chain Assembly 667XH (8222RT) |
| | 11-0175 | 2 | Main Apron Chain Assembly 667XH (8224RT) |
| | 11-0176 | 2 | Main Apron Chain Assembly 667XH (8226RT) |
| 26 | 11-0107-2-D | AR | Pintle Chain Link - D667XH W/2 D-Pins & Cotters |
| 27 | 11-0107-6 | AR | Rivet 7/16" x 1-1/8" |
| 28 | 11-0173-1 | AR | Slat 34-3/8" Long |
| 29 | 11-0107-3-D | AR | Attachment Link-D667XH |
| 30 | 11-0173 | AR | 667XH Slat W/Attachment Links |

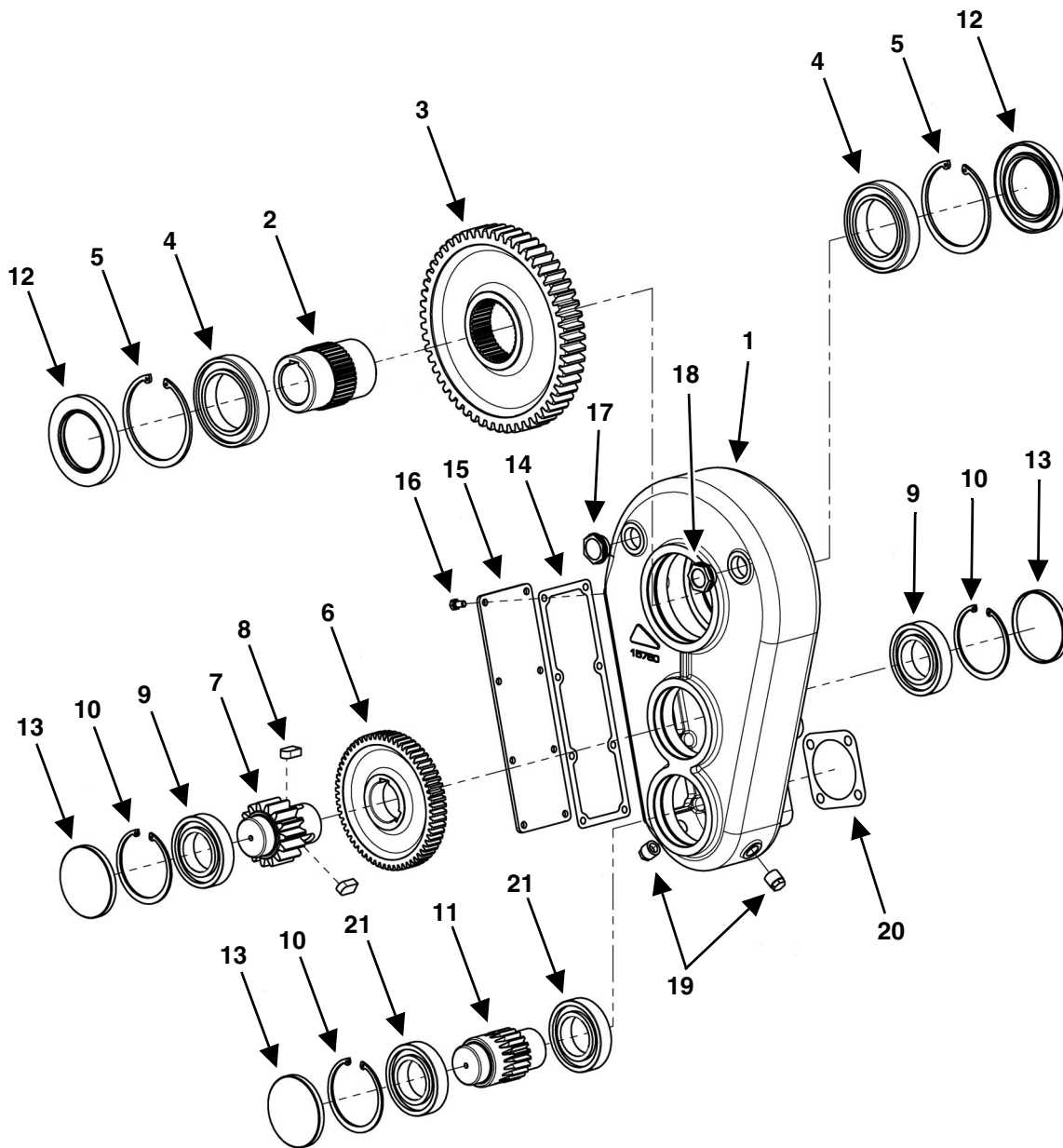
FRONT MAIN APRON GEARBOX



| KEY | PART NUMBER | QTY | DESCRIPTION |
|-----|-------------|-----|----------------------------|
| 0 | 19-0209 | 1 | 31.4:1 Berma Apron Gearbox |
| 1 | 19-0208-19 | 1 | Oil Breather Plug |
| 2 | 19-0208-1 | 1 | Housing |
| 3 | 19-0203-14 | 1 | Oil Level Indicator |
| 4 | 19-0203-17 | 1 | Input Gasket |
| 5 | 619-0001-16 | 3 | Snap Ring |
| 6 | 619-0001-19 | 1 | Snap Ring |
| 7 | 619-0012-2 | 1 | Bearing |
| 8 | 19-0208-11 | 1 | Pinion |
| 9 | 19-0206-14 | 2 | Cap |
| 10 | 19-0206-11 | 2 | Snap Ring |
| 11 | 19-0206-10 | 2 | Bearing |
| 12 | 19-0208-9 | 1 | Gear |
| 13 | 19-0208-10 | 1 | Key |
| 14 | 19-0208-8 | 1 | Pinion |
| 15 | 619-0001-22 | 2 | Cap |
| 16 | 19-0208-7 | 2 | Bearing |
| 17 | 19-0208-5 | 1 | Pinion |
| 18 | 19-0208-6 | 1 | Key |
| 19 | 19-0208-4 | 1 | Gear |
| 20 | 19-0201-11 | 2 | Oil Seal |
| 21 | 19-0201-6 | 2 | Snap Ring |
| 22 | 19-0201-5 | 2 | Bearing |
| 23 | 19-0208-2 | 1 | 2" Diameter Hub |
| 24 | 19-0201-4 | 1 | Snap Ring |
| 25 | 19-0208-3 | 1 | Gear |
| 26 | 19-0208-12 | 1 | Cover Gasket |
| 27 | 19-0208-13 | 1 | Cover |
| 28 | 619-0001-27 | 8 | M8 x 16 Cover Bolt |
| 29 | 19-0208-18 | 1 | Oil Plug |

REAR GEARBOX

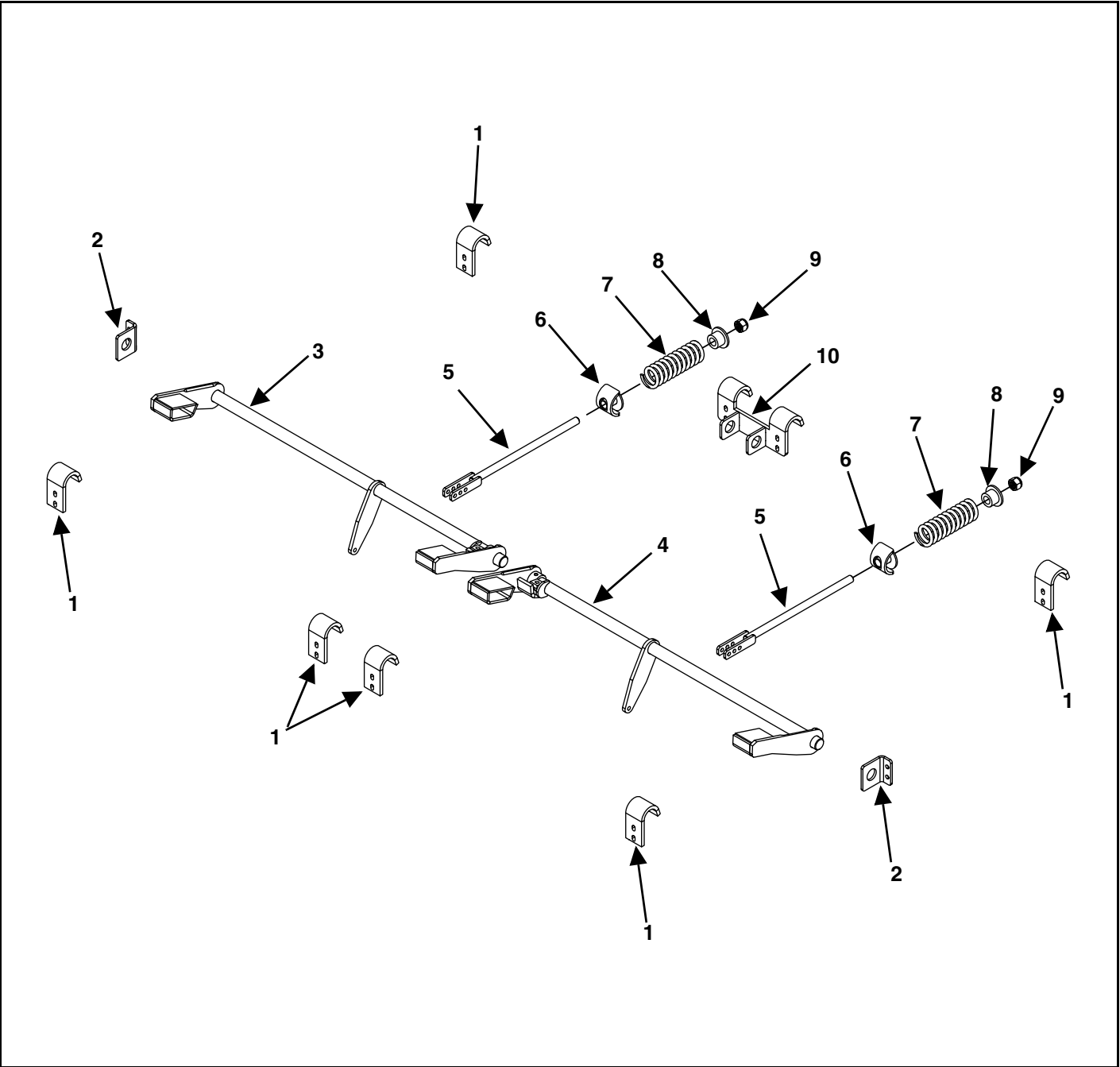
USE ONLY EP 80W-90
GEAR LUBE ONLY



NOTE: The seal for the hydraulic motor (Key 20) should be installed dry or with light oil. The hydraulic motor mounting bolts should be torqued to 63 ft-lbs (or 85 N-m).

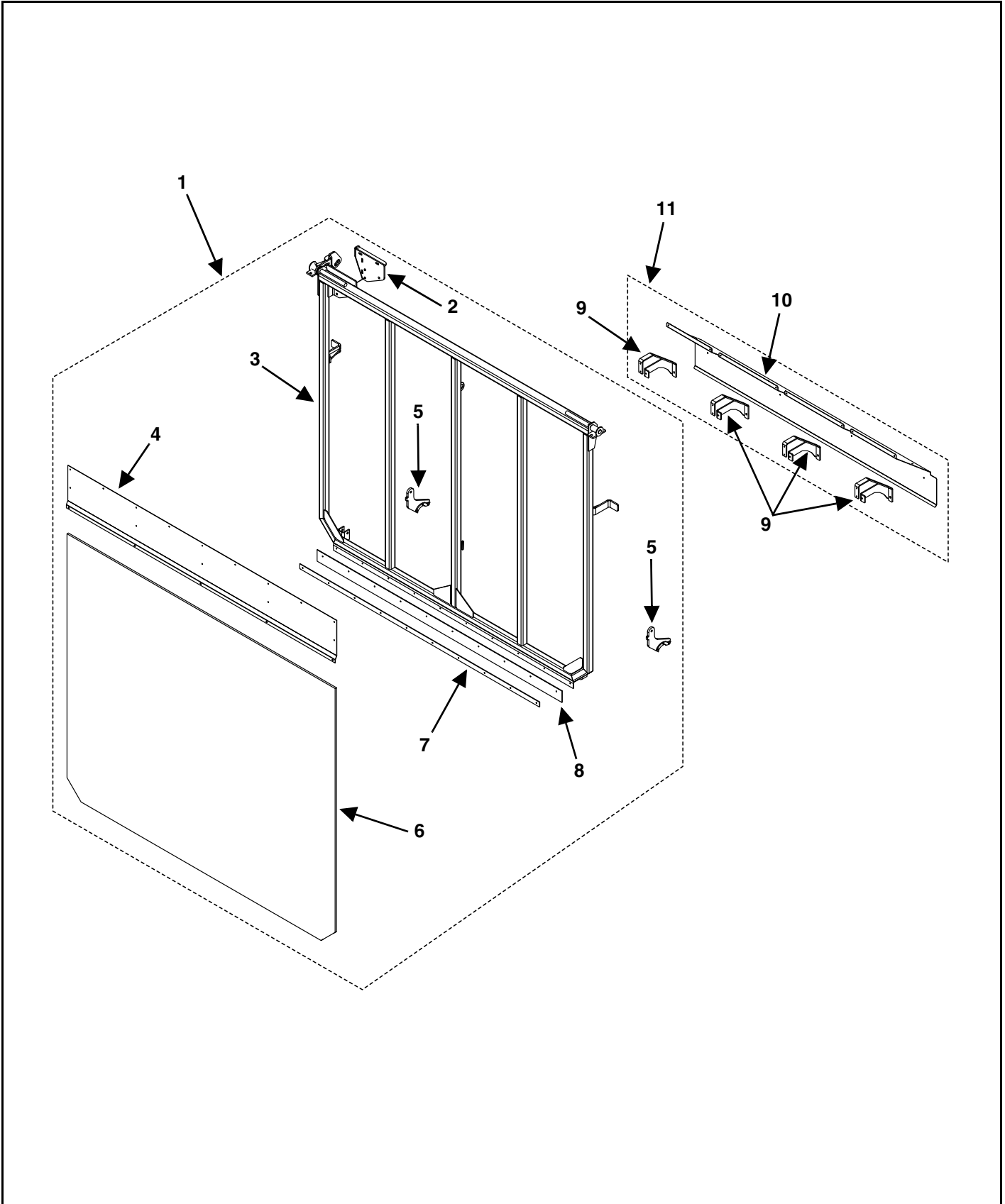
| KEY | PART NUMBER | QTY | DESCRIPTION |
|-----|-------------|-----|------------------------|
| 0 | 19-0304-LH | 1 | Rear Gearbox |
| 1 | 19-0204-1 | 1 | Gearbox Housing |
| 2 | 19-0304-1 | 1 | Hub |
| 3 | 19-0204-3 | 1 | Large Gear |
| 4 | 19-0204-4 | 2 | Large Bearing |
| 5 | 19-0204-5 | 2 | Snap Ring |
| 6 | 19-0204-6 | 1 | Small Gear |
| 7 | 19-0204-7 | 1 | Upper Pinion |
| 8 | 19-0204-8 | 2 | Key 16 x 10 x 28 |
| 9 | 19-0204-17 | 4 | Small Bearing |
| 10 | 19-0204-10 | 3 | Snap Ring |
| 11 | 19-0204-11 | 1 | Lower Pinion |
| 12 | 19-0204-12 | 2 | Oil Seal |
| 13 | 19-0204-13 | 3 | Plug/End Cap |
| 14 | 19-0204-14 | 1 | Gasket |
| 15 | 19-0204-15 | 1 | Cover |
| 16 | 619-0001-27 | 8 | Screw M8 x 16 |
| 17 | 619-0001-20 | 1 | Oil Breather Plug 1" |
| 18 | 619-0001-21 | 1 | Oil Level Indicator 1" |
| 19 | 19-0204-16 | 2 | Oil Plug 1/2" |
| 20 | 619-0001-28 | 1 | Gasket |
| 21 | 19-0204-9 | 2 | Small Bearing |

MAIN APRON TIGHTENER



| KEY | PART NUMBER | QTY | DESCRIPTION |
|-----|-------------|-----|---|
| 1 | 25-0750 | 6 | Chain Return Guide |
| 2 | 25-0717-3 | 2 | 2-Way Tensioner |
| 3 | 25-0602 | 1 | Main Apron Right Tightener Assembly |
| 4 | 25-0617 | 1 | Main Apron Left Tightener Assembly |
| 5 | 25-0766 | 2 | Main Apron Tightener Rod Assembly |
| 6 | 25-6011 | 2 | Tightener Bolt Rocking Sleeve Welded Assembly |
| 7 | 929-0002 | 2 | Spring Material Guide |
| 8 | 925-3841 | 2 | Outer Spring Tightener Guide Assembly |
| 9 | 815-7510-Z | 2 | 3/4-10 Nylon Lock Nut |
| 10 | 25-0603 | 1 | Center Chain Return Guide Wedment |

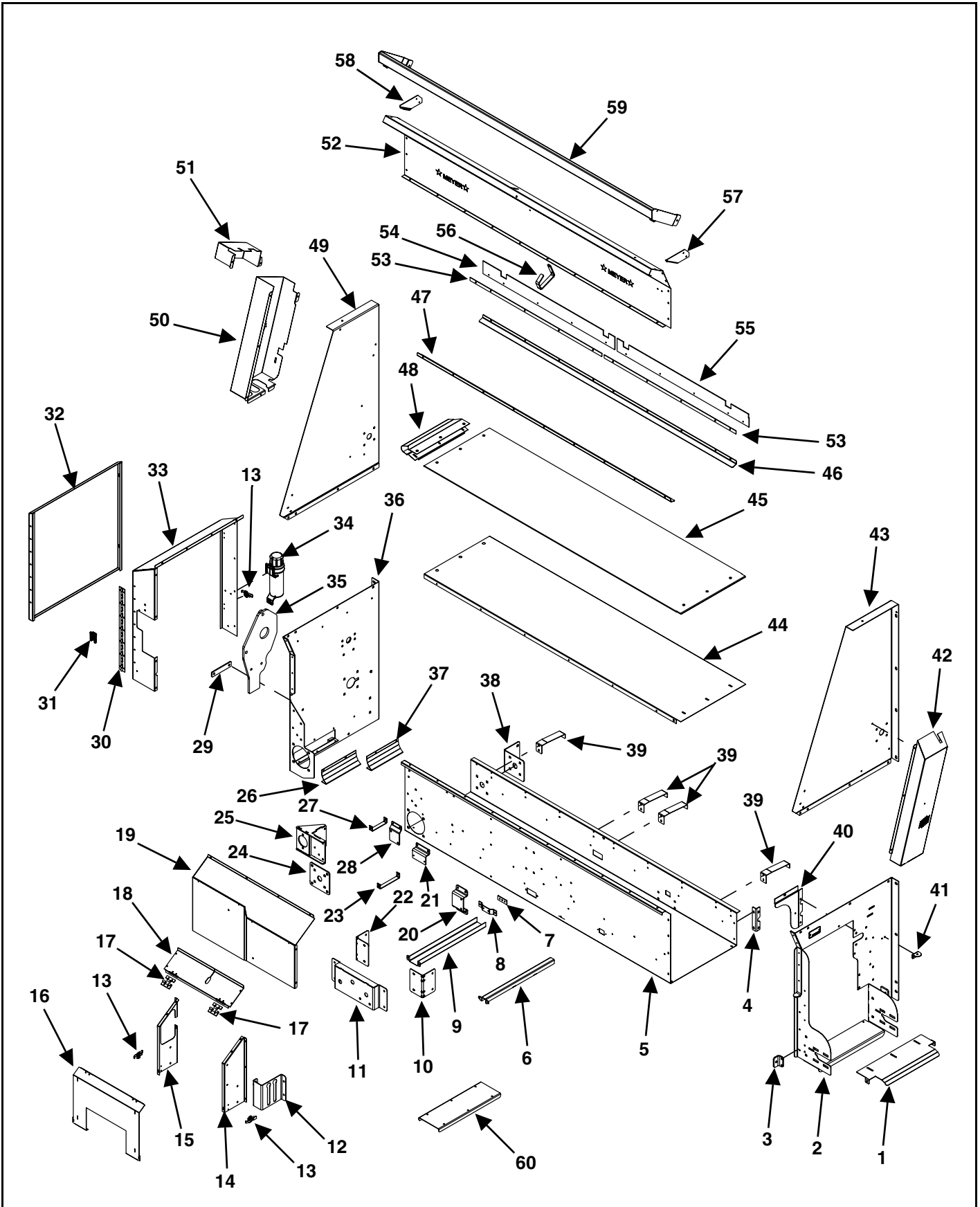
REAR GATE



| KEY | PART NUMBER | QTY | DESCRIPTION |
|-----|---------------|-----|--|
| 1 | 100-8211 | 1 | High Swinging Back Gate Assembly Complete |
| 2 | 25-8453 | 1 | Gate Delay Top Gate Mount Weldment Shear Arm |
| 3 | 100-8211-1 | 1 | High Swinging Back Gate Weldment |
| 4 | 100-8060-1-7 | 1 | High Gate Top Panel |
| 5 | 100-8210-12 | 2 | Rear Gate Catch Doubler Weldment |
| 6 | 100-8080-14-2 | 1 | Rear Swing Gate Clad Tuff |
| 7 | 100-8080-14-3 | 1 | Rear Gate Belting Strip |
| 8 | 100-8080-14-4 | 1 | Rear Gate Belting |
| 9 | 25-0601 | 4 | Rear Apron Chain Shield Welded Brace Assembly |
| 10 | 24-0231-1 | 1 | Rear Apron Chain Shield |
| 11 | 24-0231-AS | 1 | Rear Apron Chain Shield Assembly With Mount Brackets |

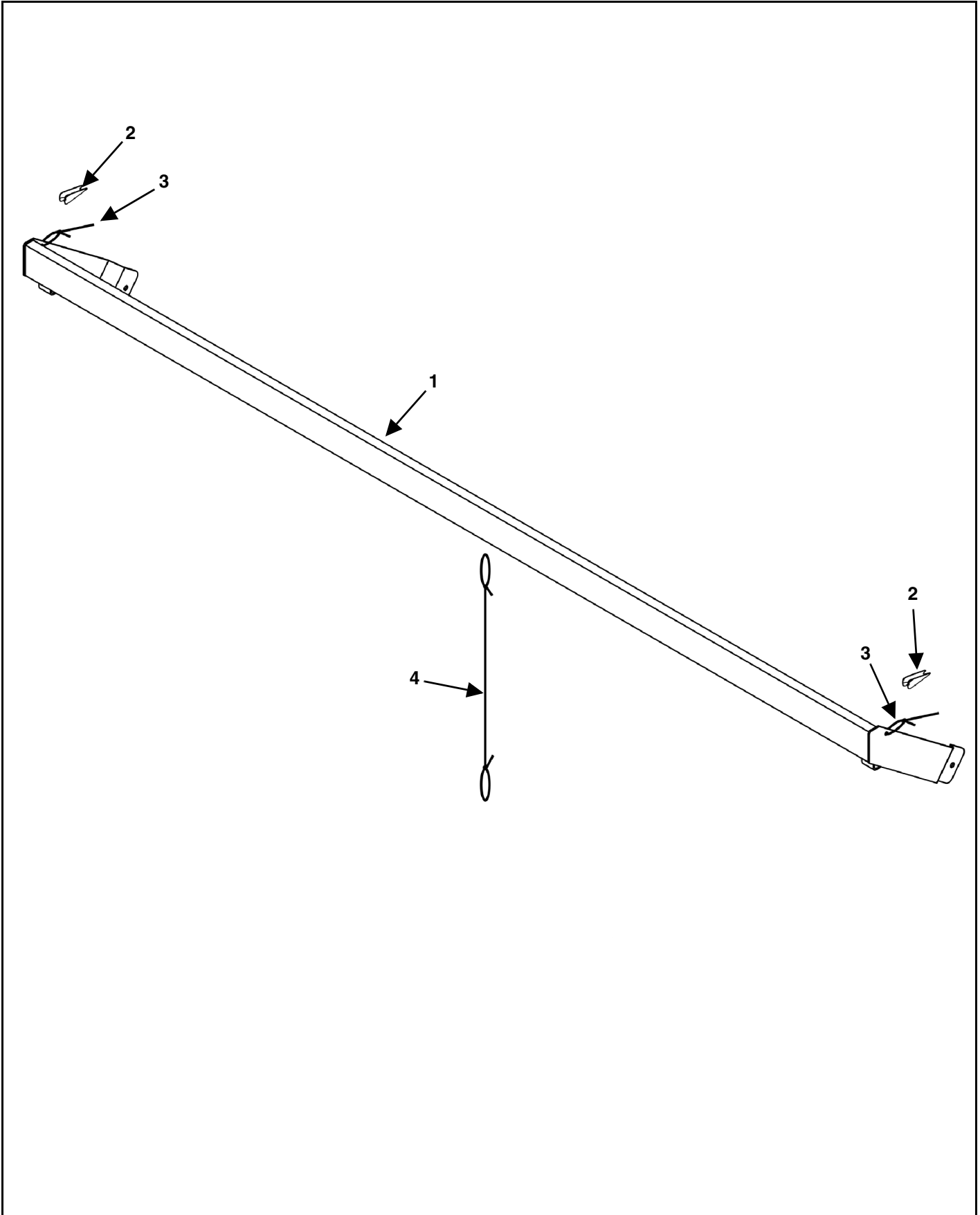
| KEY | PART NUMBER | QTY | DESCRIPTION |
|-----|-------------|-----|--|
| 1 | 24-0226 | 1 | Cross Conveyor Shaft Shield (No Extension) |
| 2 | 39-0108 | 1 | Left End Frame Welded Assembly |
| 3 | 25-0506 | 1 | Pulley Bearing Adjuster Mount Bracket |
| 4 | 25-0725 | 1 | Left Apron Pan Bracket |
| 5 | 27-0138 | 1 | Apron Pan |
| 6 | 27-0138-2 | 1 | Wire Channel Weldment |
| 7 | 25-0839 | 1 | Poppet Valve Mount Plate |
| 8 | 25-0838 | 1 | Poppet Valve Mount Bracket |
| 9 | 27-0138-1 | 1 | Hose Tray |
| 10 | 25-0558 | 1 | Bulkhead Plate Mount Bracket |
| 11 | 25-0559-1 | 1 | Bulkhead Plate Weldment |
| 12 | 25-0573 | 1 | Hose Holder |
| 13 | 32-0001-1 | 3 | Door Latch |
| 14 | 24-0251-2 | 1 | Upright Shield |
| 15 | 24-0251-1 | 1 | Upright Shield |
| 16 | 24-0252 | 1 | Front Panel Weldment |
| 17 | 24-0205-4 | 2 | Hinge |
| 18 | 24-0229-2 | 1 | Top Cross Panel |
| 19 | 24-0253 | 1 | Hose Shield Weldment |
| 20 | 25-0539-1 | 1 | Selector Valve Bracket |
| 21 | 25-0836 | 1 | Flow Control Valve Mount Bracket |
| 22 | 25-0558 | 1 | Bulkhead Plate Mount Bracket |
| 23 | 25-0614 | 1 | Hose Shield Bracket |
| 24 | 25-0605 | 1 | Bearing Mount Plate |
| 25 | 25-0609 | 1 | Motor Mount Weldment |
| 26 | 27-0143 | 1 | Cleanout Door Front |
| 27 | 25-0628 | 1 | Hose Shield Bracket |
| 28 | 25-0629 | 1 | Poppet Bracket |
| 29 | 39-0300-12 | 1 | Torque Arm Retainer |
| 30 | 24-0219-3 | 1 | Hinge |
| 31 | 33-1002 | 1 | Sign Bracket |
| 32 | 24-0255 | 1 | Right Side Shield Weldment |
| 33 | 24-0254 | 1 | Right Side Shield Frame Weldment |
| 34 | 33-0044 | 1 | Manual Holder With Drilled Vent Hole |
| 35 | 25-0622-1 | 1 | Torque Arm Plate |
| 36 | 39-0109 | 1 | Right End Frame Weldment |
| 37 | 27-0142 | 1 | Cleanout Door Rear |
| 38 | 25-0618 | 1 | Bearing Mount Plate |
| 39 | 27-0144 | 4 | Reverse Chain Guide Panel |
| 40 | 24-0244-2 | 1 | Auger Shield |
| 41 | 25-0392 | 1 | Remote Grease Line Bracket |
| 42 | 24-0247-1 | 1 | Auger Shield Weldment |
| 43 | 27-0140-1 | 1 | Left Upper Auger Panel |
| 44 | 27-0115 | 1 | Top Apron Pan |
| 45 | 49-0242 | 1 | Conveyor Pan Poly Cover |

UNIT FRAME CONTINUED



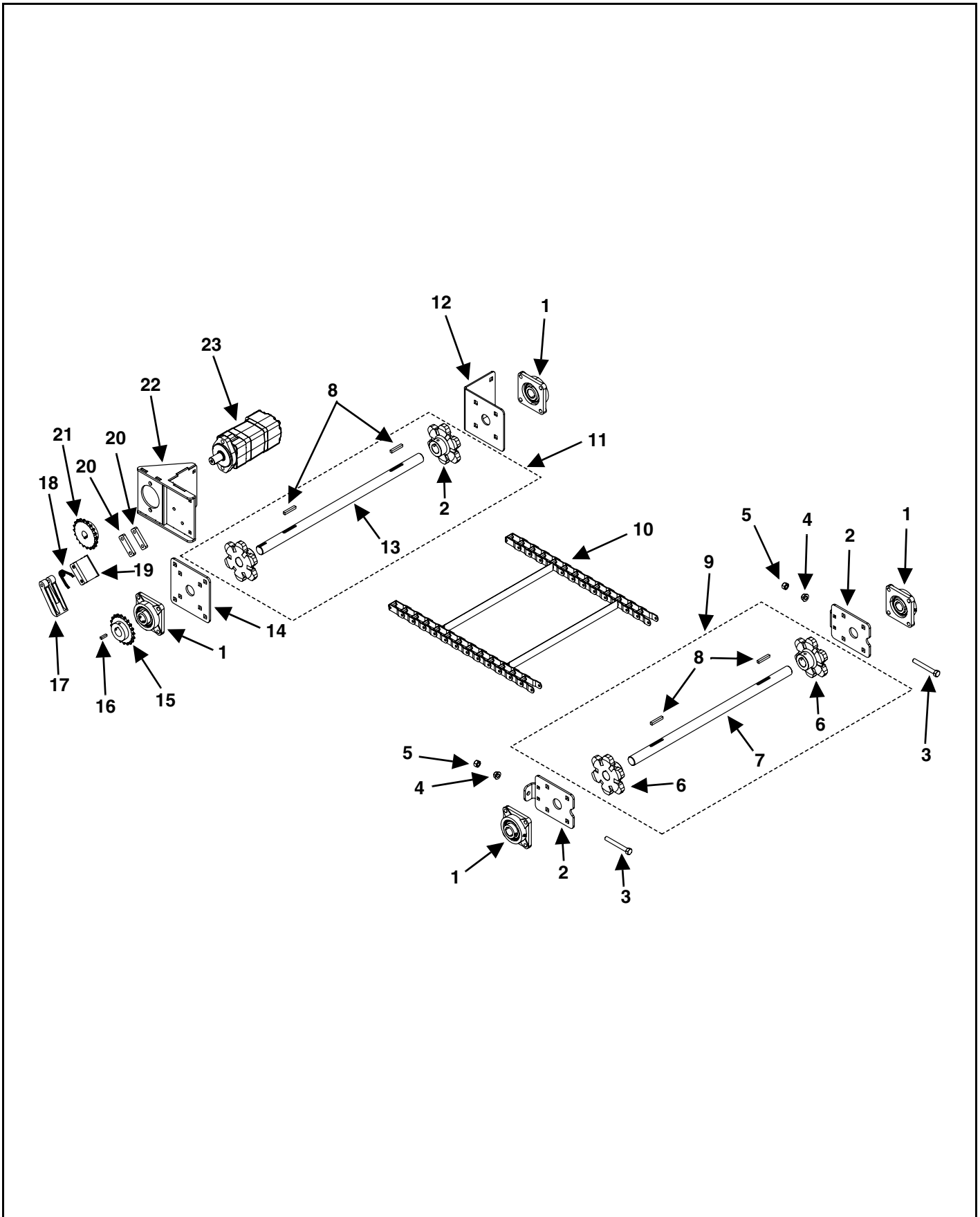
| KEY | PART NUMBER | QTY | DESCRIPTION |
|-----|-------------|-----|--------------------------------------|
| 46 | 25-0669 | 1 | Cross Conveyor Chain Rear Hold Down |
| 47 | 25-0668 | 1 | Cross Conveyor Chain Front Hold Down |
| 48 | 24-0214 | 1 | Idler Shaft Cover |
| 49 | 27-0141-1 | 1 | Upper Auger Panel |
| 50 | 24-0242-1 | 1 | Auger Shield Weldment |
| 51 | 24-0241-1 | 1 | 4th Auger Chain Cover Weldment |
| 52 | 27-0139-1 | 1 | Upper Spillage Guard Panel |
| 53 | 25-0623 | 2 | Belt Backer |
| 54 | 49-0245 | 1 | Rear Apron Pan Belt Right |
| 55 | 49-0244 | 1 | Rear Apron Pan Belt Left |
| 56 | 25-0209 | 1 | Hydraulic Hose Hanger |
| 57 | 25-0516 | 1 | Spillage Guard Gusset Left |
| 58 | 25-0515 | 1 | Spillage Guard Gusset Right |
| 59 | 16-0102 | 1 | Emergency Stop Bar Assembly |
| 60 | 27-0122 | 1 | Bottom Doubler Plate |

EMERGENCY STOP



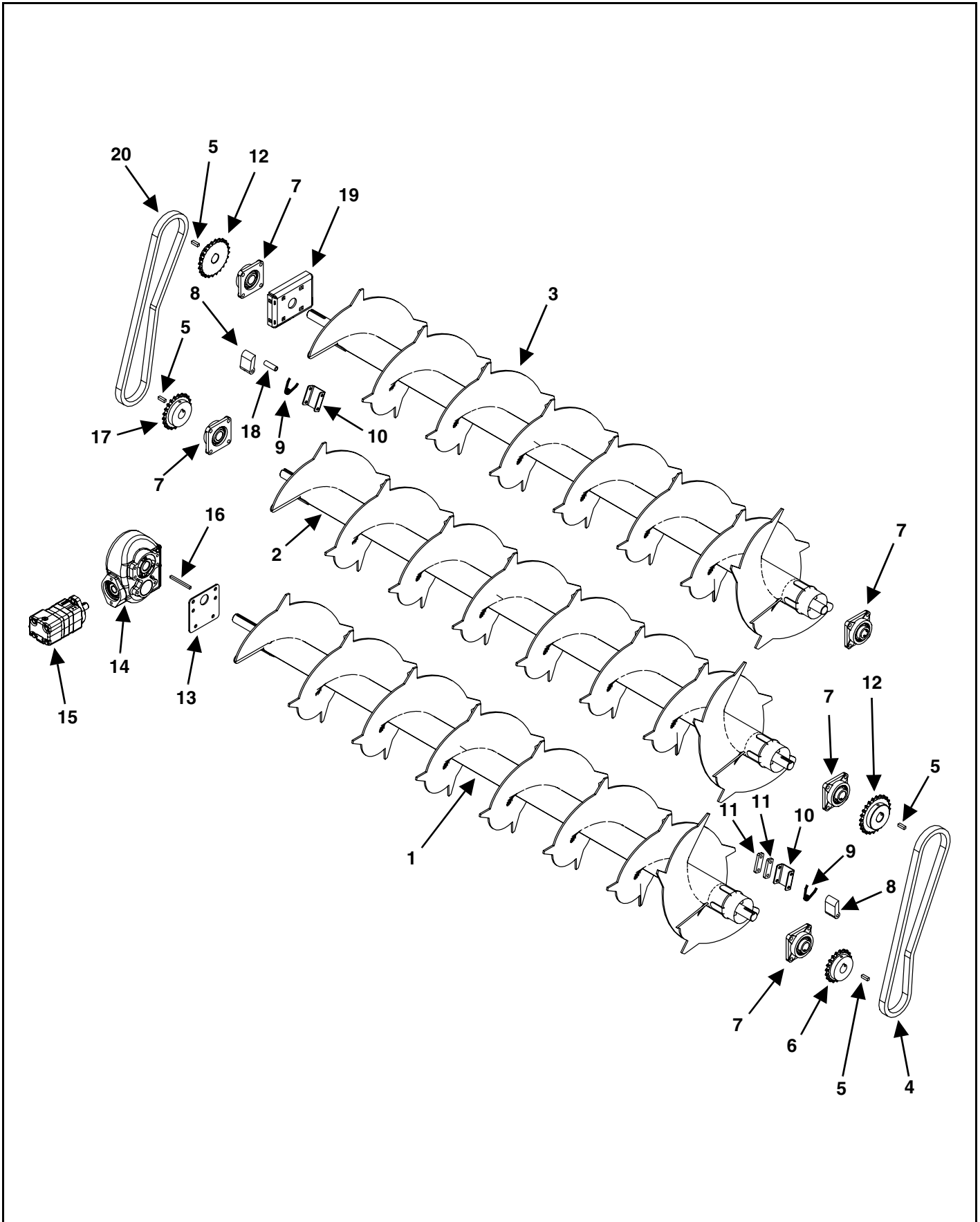
| KEY | PART NUMBER | QTY | DESCRIPTION |
|-----|-------------|-------|---|
| 1 | 16-0100 | 1 | Emergency Stop Control Bar Welded Assembly |
| 2 | 33-0048 | 2 | 3/32" Thimble System Item |
| 3 | 36-0006 | 23.75 | 3/32" Uncoated Cable (8222) (Per Foot Per Side) |
| | 36-0006 | 26.5 | 3/32" Uncoated Cable (8224) (Per Foot Per Side) |
| | 36-0006 | 27.75 | 3/32" Uncoated Cable (8226) (Per Foot Per Side) |
| | 36-0007 | 4 | 3/32" Aluminum Crimp Clamp |
| 4 | 36-0006 | 2.25 | 3/32" Uncoated Cable (Per Foot) |
| | 36-0007 | 2 | 3/32" Aluminum Crimp Clamp |

CROSS APRON COMPONENTS



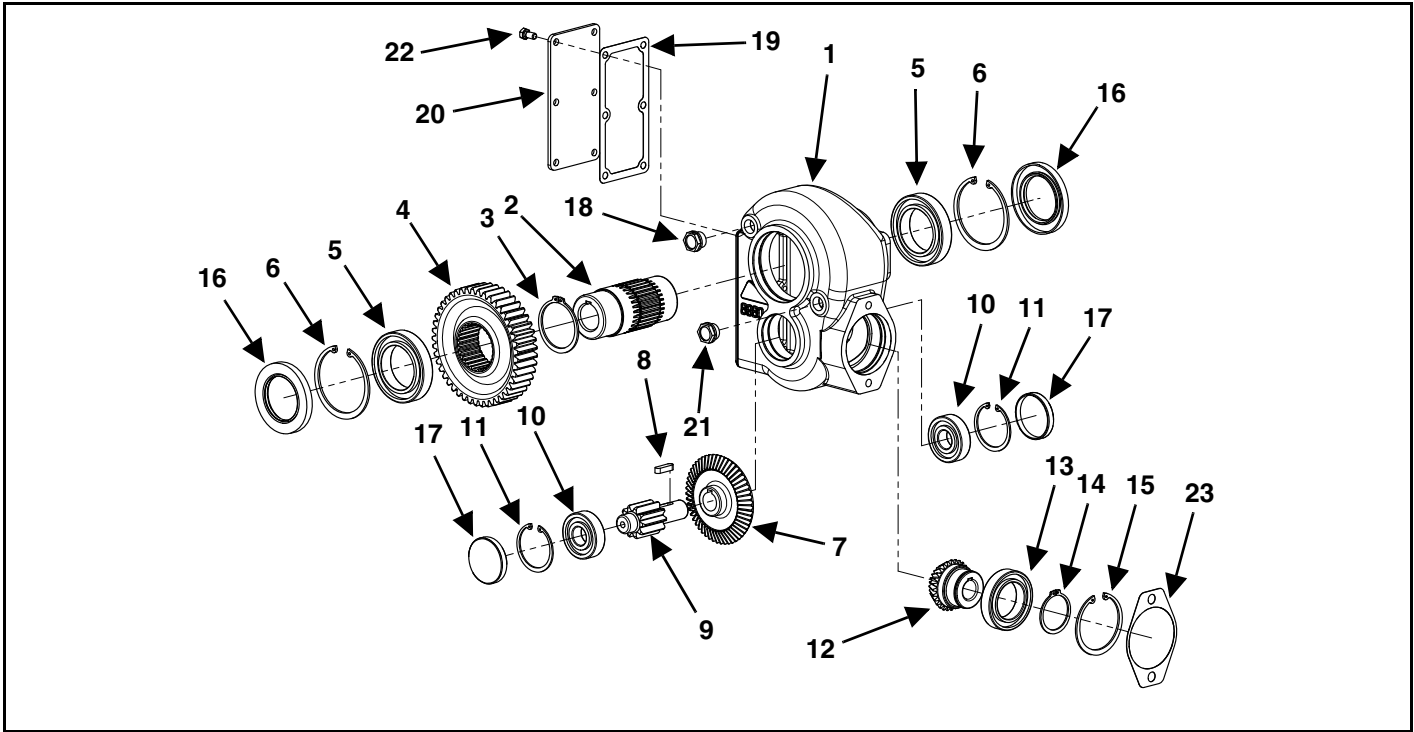
| KEY | PART NUMBER | QTY | DESCRIPTION |
|-----|------------------|-----|--|
| 1 | 14-0101 | 4 | 1-1/4" 4-Bolt Bearing |
| 2 | 25-0610 | 2 | Pulley Bearing Plate |
| 3 | 830-5013-4Z | 2 | 1/2"-13 x 4" Tap Bolt |
| 4 | 810-5013-Z | 2 | 1/2"-13 Spin Lock Nut |
| 5 | 813-5013-Z | 2 | 1/2"-13 Hex Nut |
| 6 | 110-81XB6-1.25-2 | 4 | Cross Conveyor Sprocket Weldment With Mud Relief |
| 7 | 23-0218 | 1 | Idler Shaft |
| 8 | 135-3131-2-1 | 4 | 5/1" x 5/16" x 2" Square Key |
| 9 | 45-0033 | 1 | Idler Shaft Assembly |
| 10 | 11-0272-1 | 1 | Cross Conveyor Chain - No Extension |
| | 11-0272 | 1 | Cross Conveyor Chain -With 1' Extension |
| | 11-0273 | 1 | Cross Conveyor Chain -With 2' Extension |
| | 11-0272-2 | 1 | Cross Conveyor Chain -1' Extension Section Only (10 Link) |
| | 11-0273-1 | 1 | Cross Conveyor Chain -2' Extension Section Only (20 Link) |
| | 11-0272-1-2 | AR | Chain Slat Only |
| | 11-0272-4 | AR | 81X Connector Link |
| | 11-0272-5 | AR | 81X Offset Link |
| 11 | 45-0037 | 1 | Drive Shaft Assembly |
| 12 | See Page 58 | 1 | Bearing Mount Plate |
| 13 | 23-0216 | 1 | Drive Shaft |
| 14 | See Page 58 | 1 | Bearing Mount Plate |
| 15 | 110-50B20-1.25-1 | 1 | 50B20 1-1/4" Bore Sprocket |
| 16 | 135-2525-1-1 | 1 | 1/4" x 1/4" x 1" Square Key |
| 17 | 41-0001 | 1 | 5" Nylon Slide Chain Tightener Paddle |
| 18 | 29-0037 | 1 | Torsion Spring Chain Tightener |
| 19 | 25-0047 | 1 | Auger Chain Tightener Bracket |
| 20 | 25-0504 | 2 | Lower Chain Tightener Spacer |
| 21 | 110-50B20-1.00-1 | 1 | 50B20 1" Bore Sprocket |
| 22 | See Page 58 | 1 | Motor Mount Weldment |
| 23 | See Page 74 | 1 | 19.6 Cubic Inch Cross Conveyor Motor |
| NS | 111-0050-54 | 1 | Cross Conveyor Drive #50-54 Roller Chain Including Connector |

AUGER DRIVE COMPONENTS



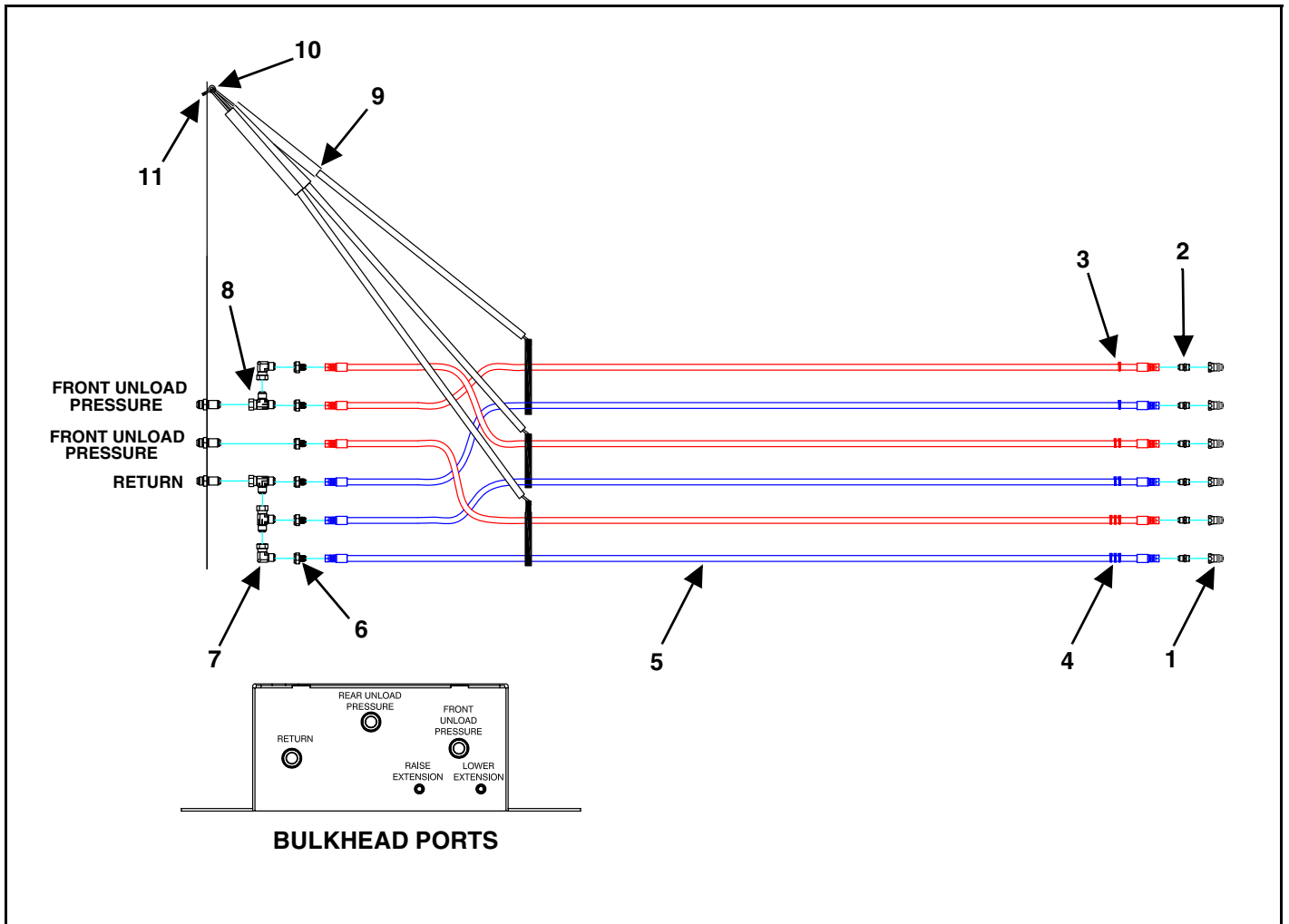
| KEY | PART NUMBER | QTY | DESCRIPTION |
|-----|------------------|-----|--|
| 1 | 26-0114 | 1 | Bottom Auger Welded Assembly |
| 2 | 26-0115 | 1 | 2nd Auger Welded Assembly |
| 3 | 26-0116 | 1 | 3rd Auger Welded Assembly |
| 4 | 111-0060-87 | 1 | #60-87 Roller Chain Including Connector & Offset |
| 5 | 35-0006 | 4 | 3/8" x 3/8" x 1-1/4" Square Key |
| 6 | 110-60B20-1.38-1 | 1 | 60B20 1-3/8" Bore Sprocket |
| 7 | 14-0060 | 5 | 1-3/8" 4-Bolt Bearing |
| 8 | 41-0002 | 2 | 3" Nylon Slide Chain Tightener Paddle |
| 9 | 29-0037 | 4 | Torsion Spring Chain Tightener |
| 10 | 25-0047 | 2 | Auger Chain Tightener Bracket |
| 11 | 25-0504 | 2 | Lower Chain Tightener Spacer |
| 12 | 10-0100 | 2 | 60B24 1-3/8" Bore Sprocket |
| 13 | 39-0102-2 | 1 | Spacer |
| 14 | See Page 68 | 1 | RT160 Gearbox |
| 15 | See Page 74 | 1 | 7.86 Cubic Inch Motor |
| 16 | 135-3131-4-1 | 1 | 5/16" x 5/16" x 4" Square Key |
| 17 | 110-60B22-1.38-1 | 1 | 60B22 1-3/8" Bore Sprocket |
| 18 | 43-0100 | 1 | Deflector Spacer |
| 19 | 100-8212-2-3-4 | 1 | 3rd Auger Install Plate |
| 20 | 111-0060-89 | 1 | #60-89 Roller Chain Including Connector & Offset |

AUGER GEARBOX



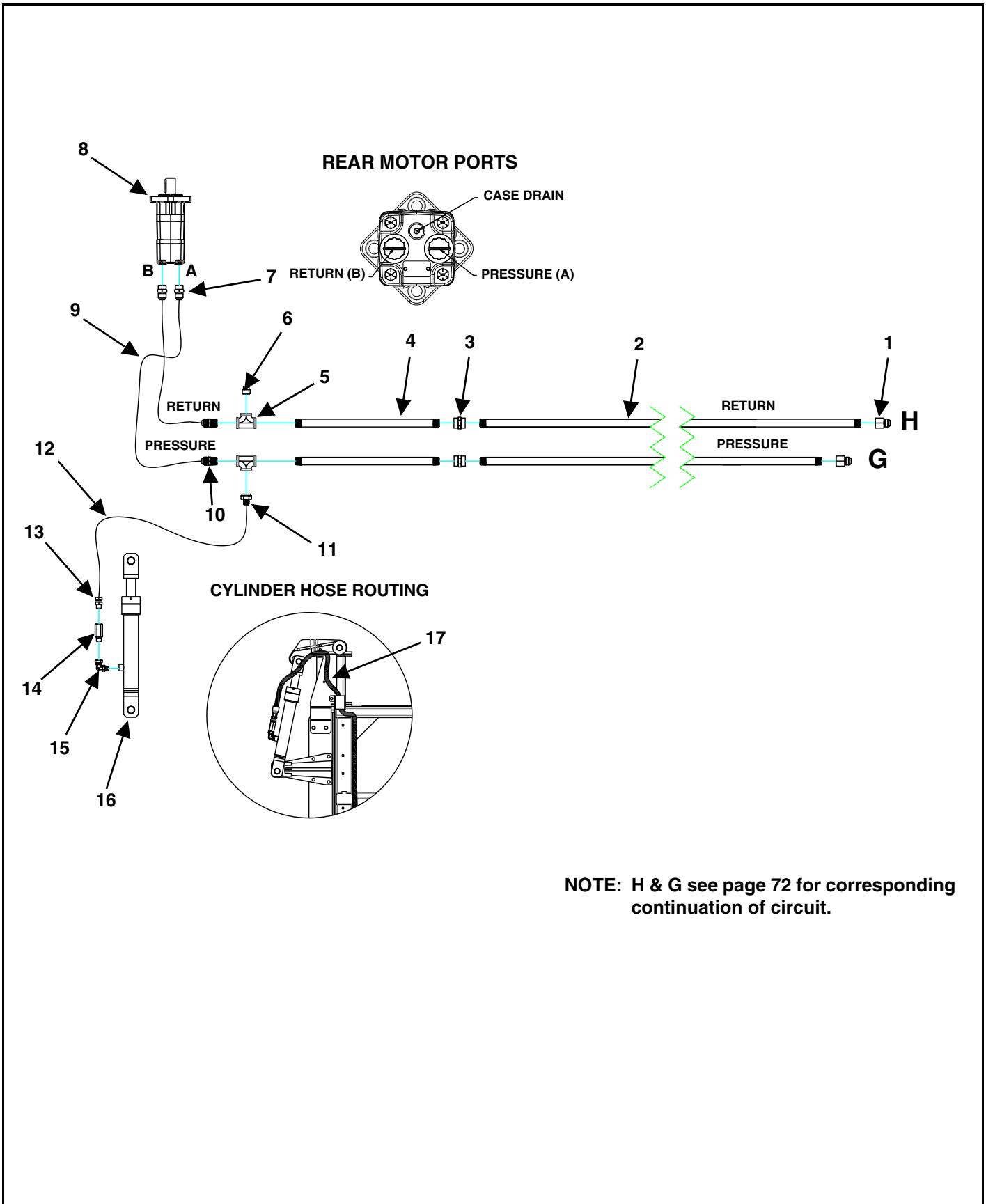
| KEY | PART NUMBER | QTY | DESCRIPTION |
|-----|-------------|-----|---------------------|
| 0 | 19-0213 | 1 | RT160 Gearbox |
| 1 | 19-0206-1 | 1 | Housing |
| 2 | 19-0213-1 | 1 | Hub |
| 3 | 19-0206-3 | 1 | Snap Ring |
| 4 | 19-0206-4 | 1 | Gear |
| 5 | 19-0206-5 | 2 | Bearing |
| 6 | 19-0206-6 | 2 | Snap Ring |
| 7 | 19-0206-7 | 1 | Gear |
| 8 | 19-0206-8 | 1 | Key |
| 9 | 19-0206-9 | 1 | Pinion |
| 10 | 19-0206-10 | 2 | Bearing |
| 11 | 19-0206-11 | 2 | Snap Ring |
| 12 | 19-0206-12 | 1 | Pinion |
| 13 | 619-0012-2 | 1 | Bearing |
| 14 | 619-0001-19 | 1 | Snap Ring |
| 15 | 619-0001-16 | 1 | Snap Ring |
| 16 | 19-0206-13 | 2 | Oil Seal |
| 17 | 19-0206-14 | 2 | Plug |
| 18 | 19-0203-16 | 1 | Oil Breather Plug |
| 19 | 19-0206-15 | 1 | Gasket |
| 20 | 19-0206-16 | 1 | Cover |
| 21 | 19-0203-14 | 1 | Oil Level Indicator |
| 22 | 619-0001-27 | 6 | Screw |
| 23 | 19-0203-17 | 1 | Gasket |

FRONT HOSES



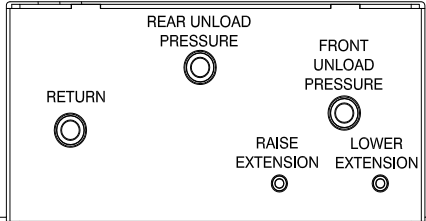
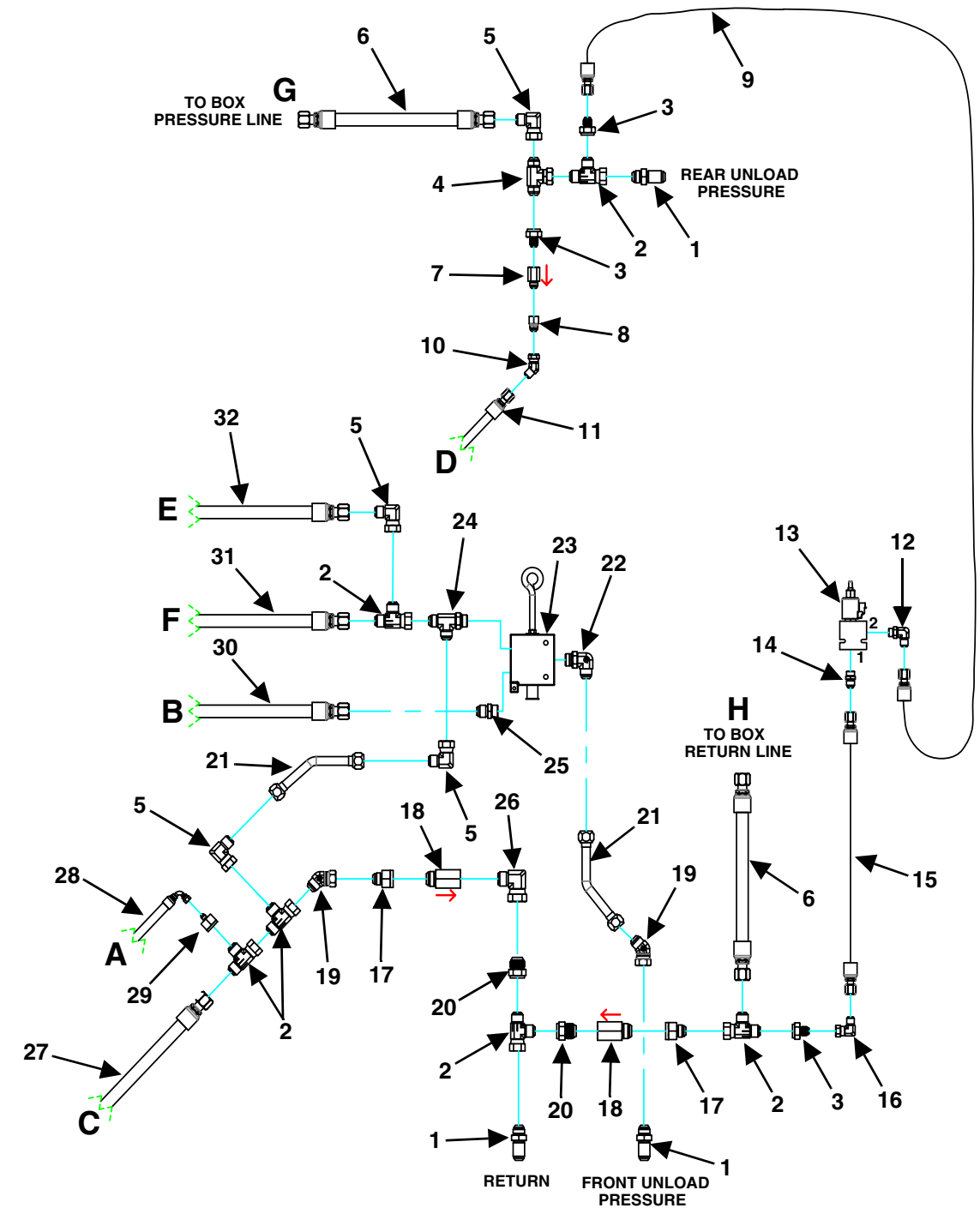
| KEY | PART NUMBER | QTY | DESCRIPTION |
|-----|-----------------|-----|--------------------------|
| 1 | 155-8010-15 | 6 | 1/2" Male Tip |
| 2 | 155-6400-8-8 | 6 | Straight Fitting |
| 3 | 32-0053 | 6 | Red Cable Tie |
| 4 | 32-0054 | 6 | Blue Cable Tie |
| 5 | 155-08R17-109-1 | 6 | 1/2" x 109" Hose |
| 6 | 155-2406-12-08 | 6 | Straight Adapter |
| 7 | 155-6500-12 | 2 | 90° Fitting |
| 8 | 155-6602-12A | 3 | Tee Fitting |
| 9 | 29-0029 | 3 | Hose Tender Spring Kit |
| 10 | 811-3816-1.5Z | 1 | 3/8"-16 x 1-1/2" Eyebolt |
| 11 | 810-3816-Z | 2 | 3/8"-16 Spin Lock Nut |

REAR HYDRAULICS



| KEY | PART NUMBER | QTY | DESCRIPTION |
|-----|-------------------|-----|---------------------------------------|
| 1 | 155-2405-12-12 | 2 | Straight Fitting |
| 2 | 55-0247 | 2 | 8222 236-1/2" x 3/4" Schedule 40 Pipe |
| | 55-0020 | 2 | 8224 233" x 3/4" Schedule 40 Pipe |
| | 55-0126 | 2 | 8226 249" x 3/4" Schedule 40 Pipe |
| 3 | 155-5000-12-12 | 2 | Straight Fitting |
| 4 | 55-0135 | 2 | 8224 22" x 3/4" Schedule 40 Pipe |
| | 55-0240 | 2 | 8226 19-1/2" x 3/4" Schedule 40 Pipe |
| 5 | 55-0079 | 2 | 3/4" Tee |
| 6 | 55-0081 | 1 | Square Head Plug |
| 7 | 155-6400-12-10 | 2 | Straight Fitting |
| 8 | 155-WS-19.6-3 | 1 | 19.6 Cubic Inch Motor |
| 9 | 155-12R16-41-1 | 2 | 3/4" x 41" Hose |
| 10 | 155-2404-12-12 | 2 | Straight Fitting |
| 11 | 155-2404-08-12 | 1 | Straight Adapter |
| 12 | 155-06R16-178-1 | 1 | 3/8" x 178" Hose |
| 13 | 155-1404-6-6-.055 | 1 | Straight .055 Orifice |
| 14 | 155-CV-375-1 | 1 | Check Valve |
| 15 | 155-6901-06-06 | 1 | 90° Fitting |
| 16 | 155-D-1.25-10-1 | 1 | 1/4" x 10" Cylinder |
| 17 | 32-0049 | 1 | 5/8" Loom Clamp |

UNIT BULKHEAD HYDRAULICS



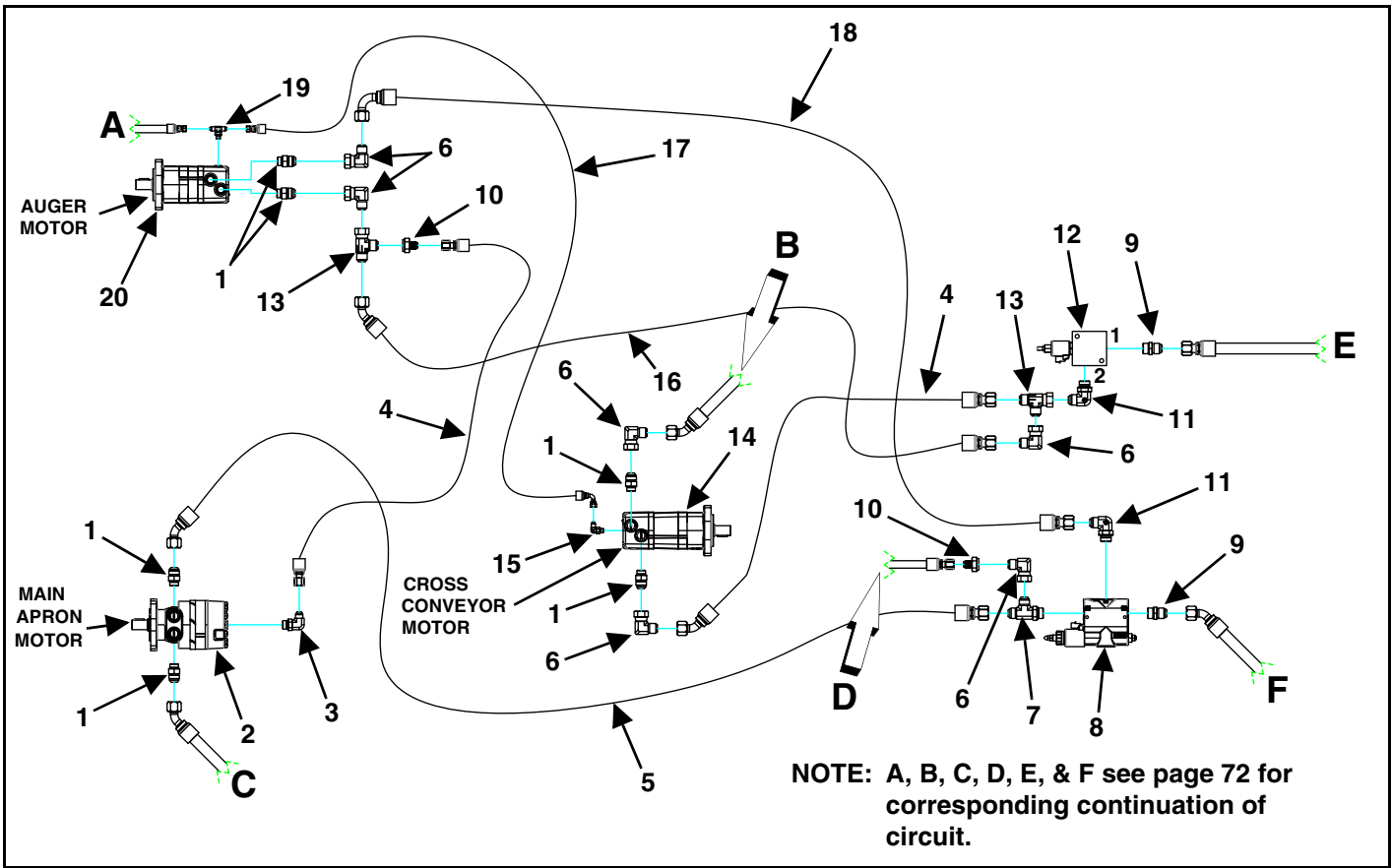
BULKHEAD PORTS

NOTE: A, B, C, D, E, & F see page 74 for corresponding continuation of circuit.

NOTE: H & G see page 70 for corresponding continuation of circuit.

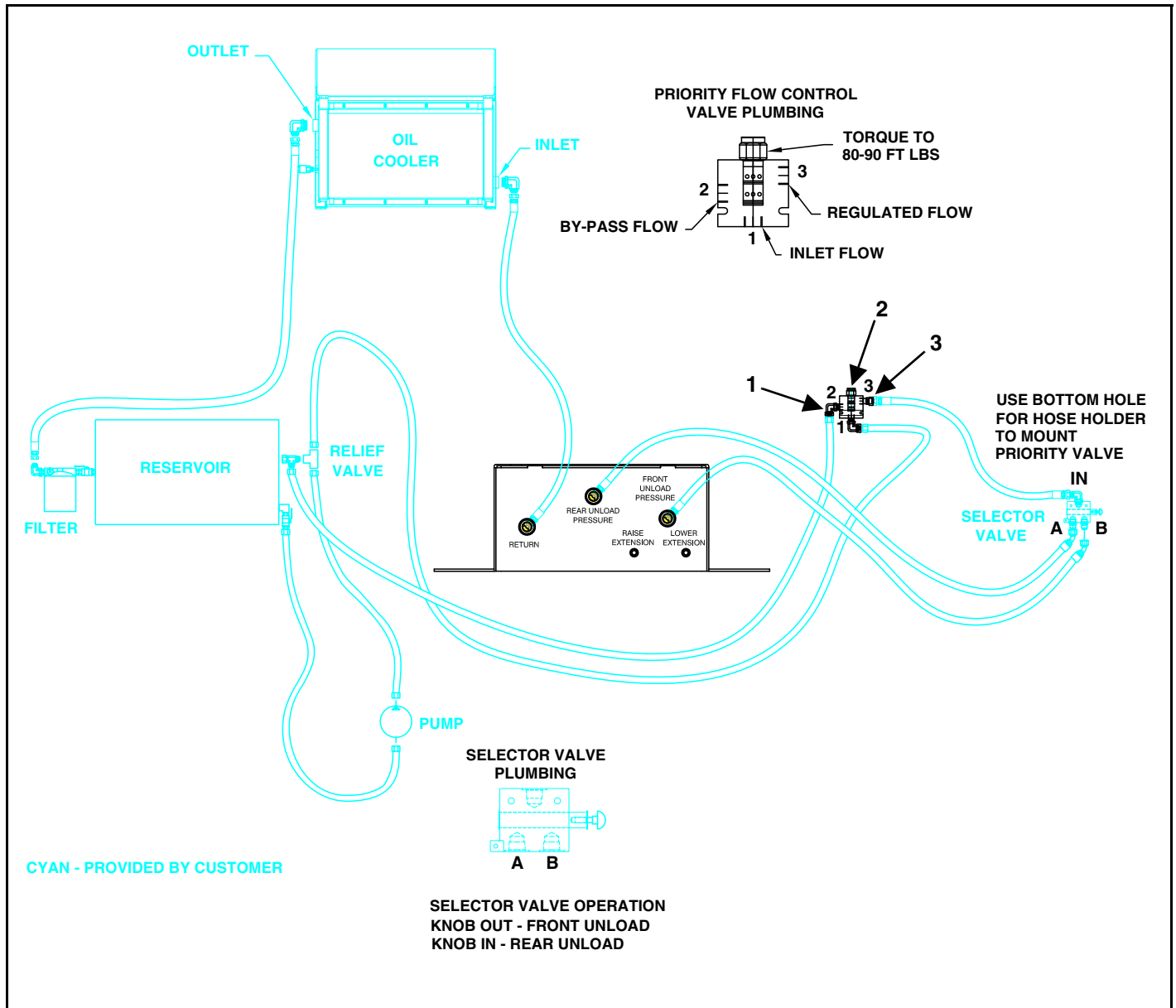
| KEY | PART NUMBER | QTY | DESCRIPTION |
|-----|-------------------|-----|----------------------------|
| 1 | 155-2700-LN-12-12 | 3 | Straight Bulkhead Fitting |
| 2 | 155-6602-12A | 6 | Tee Fitting |
| 3 | 155-2406-12-08 | 3 | Straight Adapter |
| 4 | 155-6600-12 | 1 | Tee Fitting |
| 5 | 155-6500-12 | 4 | 90° Fitting |
| 6 | 155-12R17-55-1 | 2 | 3/4" x 55" Hose |
| 7 | 155-CV-8-1 | 1 | Poppet Check Valve |
| 8 | 155-8XHX7-.062 | 1 | Inline Orifice |
| 9 | 155-08R17-17-1 | 1 | 1/2" x 17" Hose |
| 10 | 155-6502-08-08 | 1 | 45° Fitting |
| 11 | 155-08R17-24-2 | 1 | 1/2" x 24" Hose |
| 12 | 155-6801-08-08 | 1 | 90° Fitting |
| 13 | 155-NOPV-12-V | 1 | Normally Open Poppet Valve |
| | 155-NOPV-12-3 | 1 | 12GPM Valve |
| | 155-NOPV-30-4 | 1 | 12V DC Coil |
| | 155-NOPV-12-2 | 1 | 12GPM Housing |
| 14 | 155-6400-8-8 | 1 | Straight Fitting |
| 15 | 155-08R17-10.5-1 | 1 | 1/2" x 10-1/2" Hose |
| 16 | 155-6500-08-08 | 1 | 90° Fitting |
| 17 | 155-2406-16-12 | 1 | Straight Adapter |
| 18 | 155-CV-1916MF | 1 | Poppet Check Valve |
| 19 | 155-6502-12 | 2 | 45° Fitting |
| 20 | 155-2406-12-16 | 2 | Straight Adapter |
| 21 | 55-0313 | 2 | 3/4" Hydraulic Sweep |
| 22 | 155-6801-12 | 1 | 90° Fitting |
| 23 | 55-0018-D-SAE | 1 | Energy Selector Valve |
| | 811-5013-5Z-3824 | 1 | 1/2"-13 x 5" Eyebolt |
| | 813-3824-Z | 1 | 3/8"-24 Hex Nut |
| 24 | 155-6804-12-12-12 | 1 | Tee Fitting |
| 25 | 155-6400-12-12 | 1 | Straight Fitting |
| 26 | 155-6500-16 | 1 | 90° Fitting |
| 27 | 155-12R17-53-2 | 1 | 3/4" x 53" Hose |
| 28 | 155-04R17-55-1 | 1 | 1/4" x 55" Hose |
| 29 | 155-2406-12-04 | 1 | Straight Adapter |
| 30 | 155-12R17-56.5-1 | 1 | 3/4" x 56-1/2" Hose |
| 31 | 155-12R17-18-1 | 1 | 3/4" x 18" Hose |
| 32 | 155-12R17-19.75-1 | 1 | 3/4" x 19-3/4" Hose |

UNIT HYDRAULICS



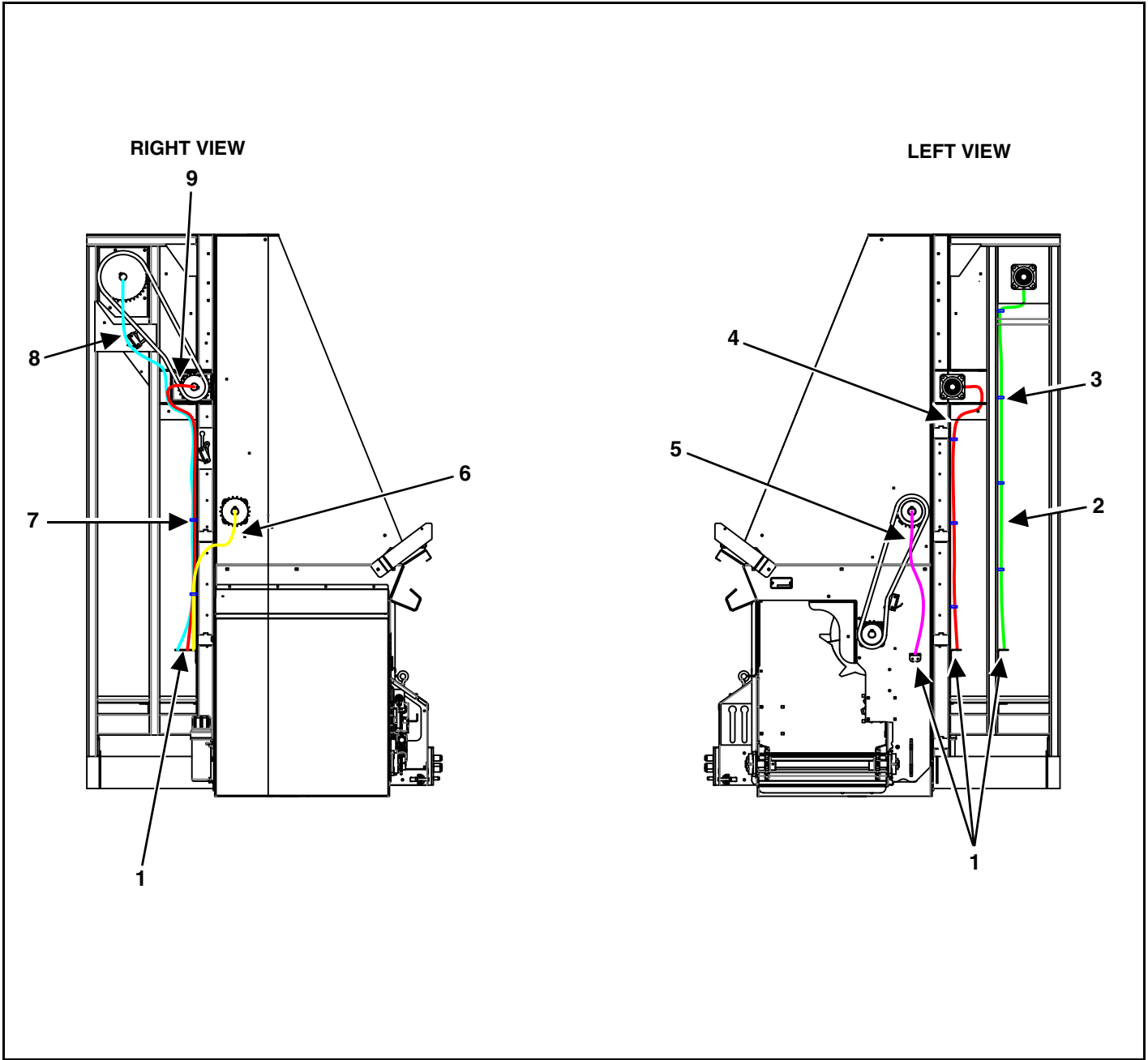
| KEY | PART NUMBER | QTY | DESCRIPTION |
|-----|-------------------|-----|----------------------------|
| 1 | 155-6400-12-10 | 6 | Straight Adapter |
| 2 | 155-RE-DC-18.3-1 | 1 | 18.3 Cubic Inch Motor |
| 3 | 155-6801-8-10 | 1 | 90° Adapter |
| 4 | 155-08R17-18-1 | 1 | 1/2" x 18" Hose |
| 5 | 155-12R17-40-1 | 1 | 3/4" x 40" Hose |
| 6 | 155-6500-12 | 6 | 90° Fitting |
| 7 | 155-6804-12-12-12 | 1 | Tee Fitting |
| 8 | 955-3727-1 | 1 | Electronic Flow Control |
| 9 | 155-6400-12-12 | 2 | Straight Fitting |
| 10 | 155-2406-12-08 | 2 | Straight Adapter |
| 11 | 155-6801-12 | 2 | 90° Fitting |
| 12 | 155-NOPV-30-V | 1 | Normally Open Poppet Valve |
| | 155-NOPV-30-6 | 1 | 30 GPM Valve |
| | 155-NOPV-30-4 | 1 | 12V DC Coil |
| | 155-NOPV-30-5 | 1 | 30 GPM Housing |
| 13 | 155-6602-12A | 2 | Tee Fitting |
| 14 | 155-WS-19.6-1 | 1 | 19.6 Cubic Inch Motor |
| 15 | 155-6801-4 | 1 | 90° Fitting |
| 16 | 155-12R17-27-1 | 2 | 3/4" x 27" Hose |
| 17 | 155-04R17-24-1 | 1 | 1/4" x 24" Hose |
| 18 | 155-12R17-41-1 | 1 | 3/4" x 41" Hose |
| 19 | 155-6803-4 | 1 | Tee Fitting |
| 20 | 155-WS-7.86-1 | 1 | 7.86 Cubic Inch Motor |

TRUCK MOUNT HYDRAULICS



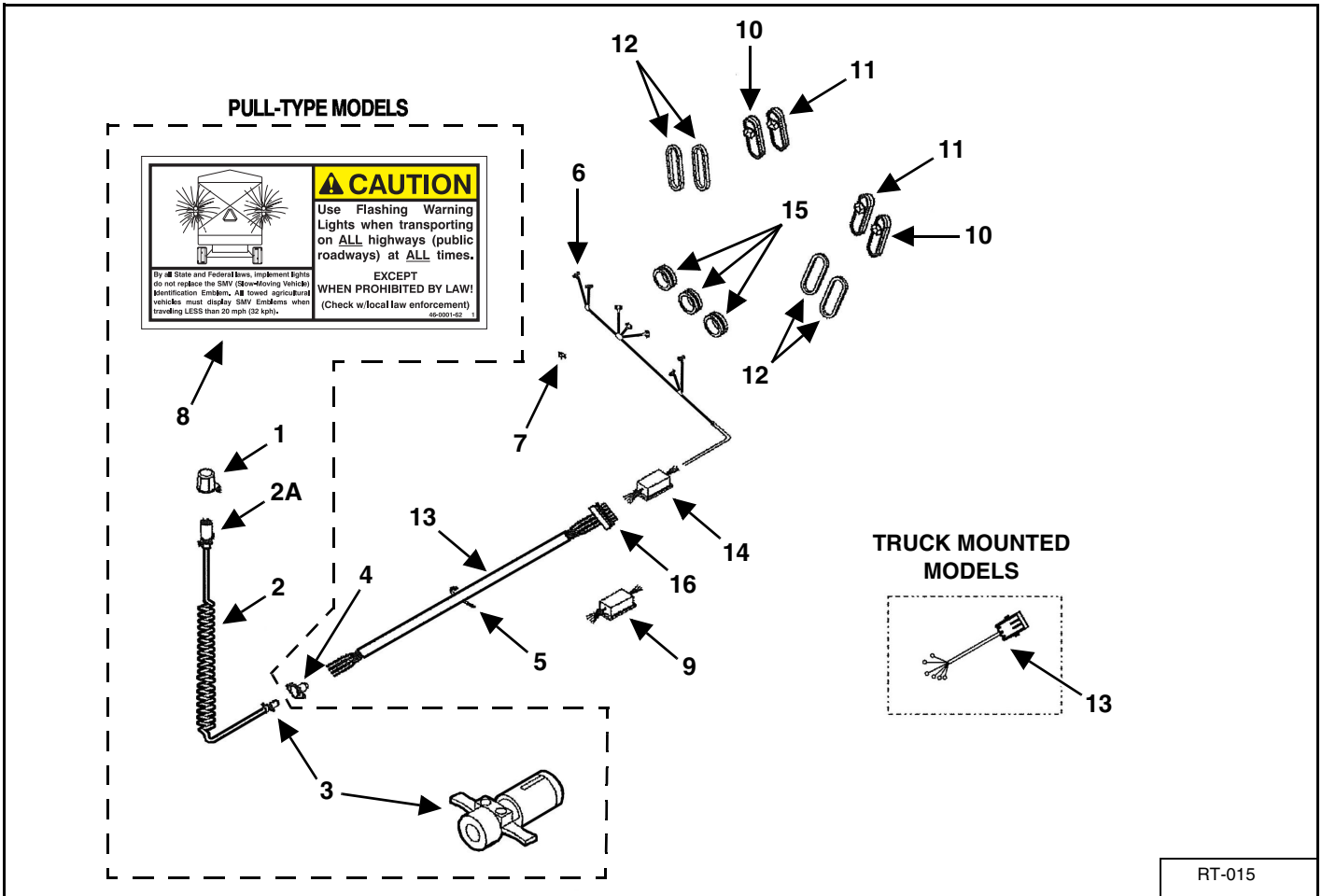
| KEY | PART NUMBER | QTY | DESCRIPTION |
|-----|-------------------|-----|-------------------------------------|
| 1 | 155-6801-12 | 2 | 90° Fitting |
| 2 | 155-PFC-25-1-1 | 1 | Aluminum Body |
| | 155-PFC-30-1-1 | 1 | 30 GPM Valve |
| | 25-8593-1-1 | 1 | Priority Valve Mount |
| | 25-8593-1-2 | 1 | Priority Flow Control Mount Bracket |
| | 155-PFC-25-1-1-SK | 1 | Seal Kit |
| 3 | 155-6400-12-12 | 1 | Straight Fitting |

UNIT GREASE LINES



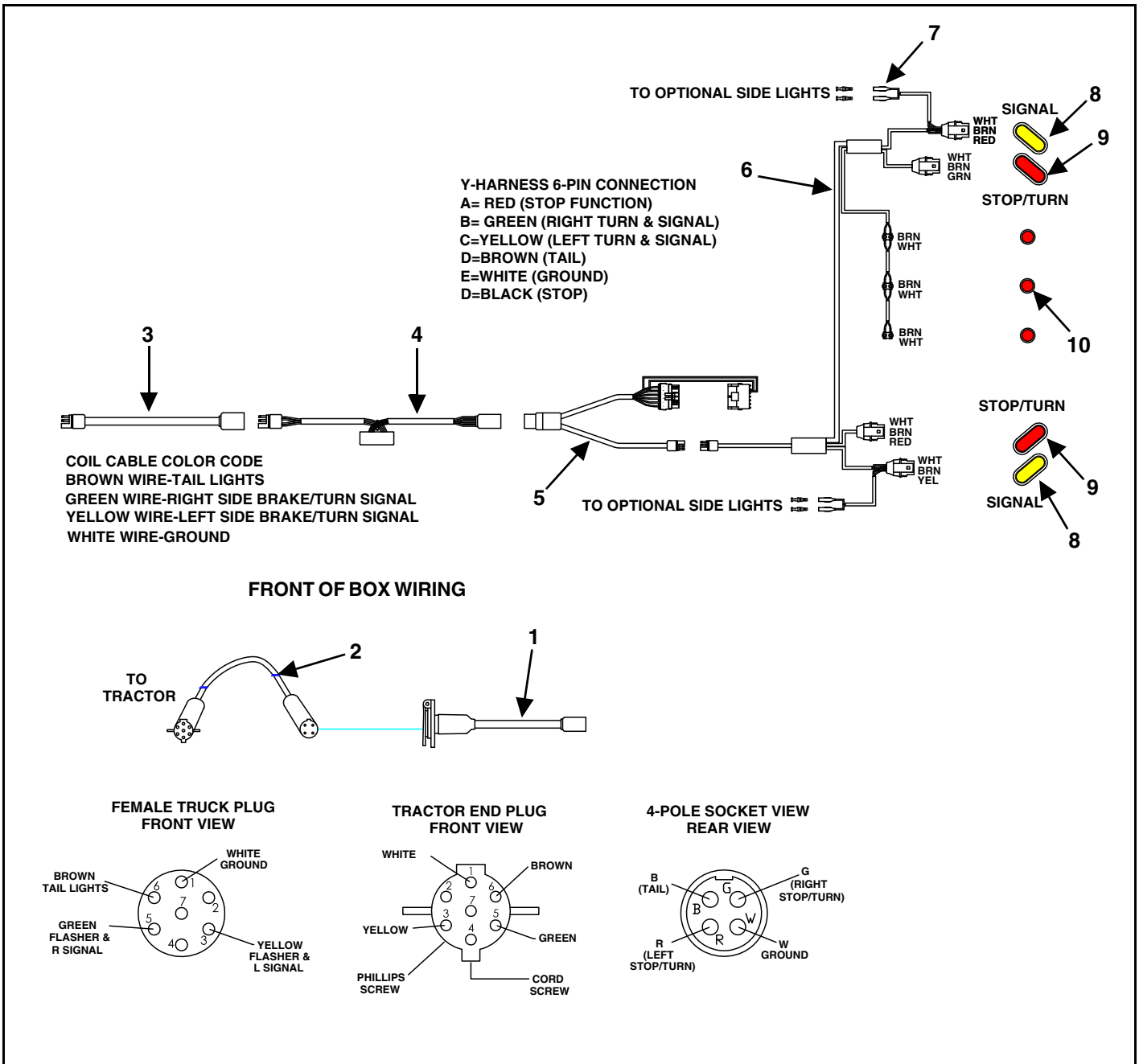
| KEY | PART NUMBER | QTY | DESCRIPTION |
|-----|-----------------|-----|---|
| 1 | 30-0001 | 6 | 1/4"-28 Short Straight Grease Zerk |
| | 155-2GK-NUT | 6 | Bulkhead Nut |
| 2 | 155-02R7-71-1-1 | 1 | 1/8" x 71" Left Hand 4th Auger Grease Line |
| 3 | 56-0053 | 7 | 1/4" Loom Clamp |
| 4 | 155-02R7-55-1-1 | 1 | 1/8" x 55" Left Hand 3rd Auger Grease Line |
| 5 | 155-02R7-26-1-1 | 1 | 1/8" x 26" Left Hand 2nd Auger Grease Line |
| 6 | 155-02R7-29-1-1 | 1 | 1/8" x 29" Right Hand 2nd Auger Grease Line |
| 7 | 32-0048 | 2 | 5/8" Loom Clamp |
| 8 | 155-02R7-75-1-1 | 1 | 1/8" x 75" Right Hand 4th Auger Grease Line |
| 9 | 155-02R7-55-1-1 | 1 | 1/8" x 55" Right Hand 3rd Auger Grease Line |

REAR LIGHTING (PRIOR TO SN 2020 MODEL YEAR)



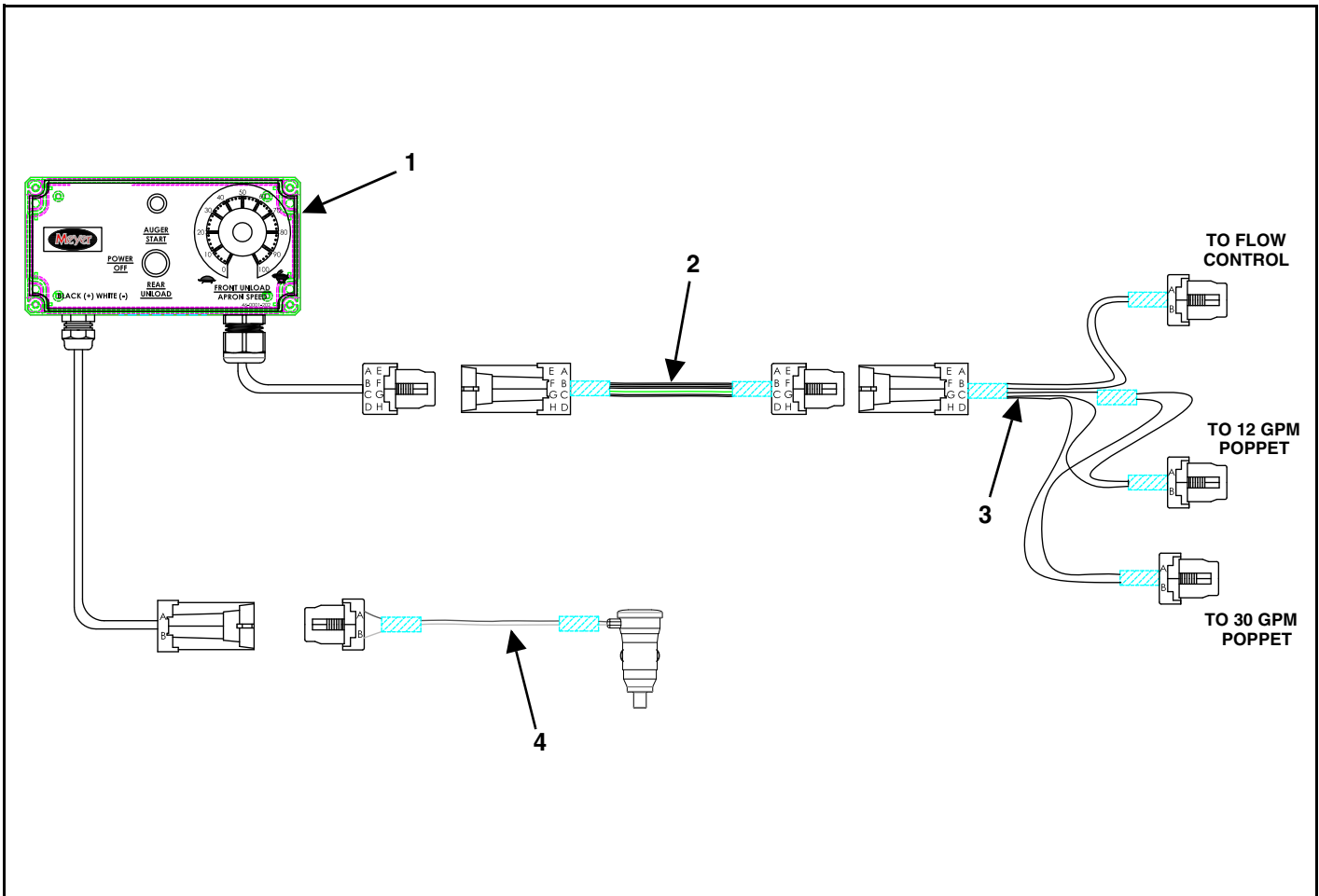
| KEY | PART NUMBER | QTY | DESCRIPTION |
|-----|-----------------|-----|---|
| 1 | 56-0009 | 1 | 7-Way Stor-A-Way (Trailer Models) |
| 2 | 56-0005 | 1 | Coil Cable Assembly (Trailer Models) |
| 2A | 56-0005-4 | 1 | 7-Contact Plug End W/Spring |
| 3 | 56-0005-1 | 1 | 4 Pole Plug |
| 4 | 56-0004 | 1 | 4-Way Socket (4 Pin) |
| 5 | 32-0026 | AR | 14" Nylon Tie Strap |
| 6 | 56-0102 | 1 | LED Light Harness |
| 7 | 32-0024 | AR | 3/8" Plated Loom Clip |
| 8 | 46-0001-62 | 1 | Caution Tail Light Decal (Trailer Models) |
| 9 | 56-0028 | AR | Tail Light 5-Wire to 4-Wire Converter (Optional for Truck Mounts) |
| 10 | 56-0081 | 2/0 | 6" Oval Amber LED Light |
| 11 | 56-0115 | 2/4 | 6" Oval Red LED Light |
| 12 | 56-0082 | 4 | 6" Oval Grommet |
| 13 | 56-0127 | 1 | 8224 Light Harness W/6-Pin Wire End |
| | 56-0128 | 1 | 8226 Light Harness W/6-Pin Wire End |
| 14 | 56-0084 | 1/0 | LED Ag Light Module W / Connectors (Trailer Models Only) |
| 15 | 56-0070-LED | 3 | 2" Red Round Light W / Grommet |
| | 56-0070-2 | 3 | 2" Round Grommet |
| 16 | 156-C-6FL-TO-1 | 1 | 6 Contact Tower Half |
| | 156-S-18-16-1 | 4 | Cable Seal |
| | 156-T-16-14-F-1 | 4 | Female Terminal For Tower Half |
| | 156-P-1 | 2 | Cavity Plug |

REAR LIGHTING (2020 MODEL YEAR & LATER)



| KEY | PART NUMBER | QTY | DESCRIPTION |
|-----|---------------|-----|--|
| 1 | 56-0295 | 1 | Front Main Harness With Socket |
| 2 | 56-0005 | 1 | Cable Assembly (Pull Type) |
| | 56-0037 | 1 | Cable Assembly (Truck Mount) |
| 3 | 56-0297 | 1 | 8224 Harness Power Extension |
| | 56-0296 | 1 | 8226 Harness Power Extension |
| 4 | 56-0284 | 1 | AG Module Harness (Pull Type) |
| 5 | 56-0286 | 1 | Grain Kit Upper Light Y Adapter |
| 6 | 56-0267 | 1 | Rear Sill Harness |
| 7 | 56-0260 | 4 | Plug |
| 8 | 56-0081-AMP | 2 | 6" 7-Diode Oval Lamp Amber (Pull Type) |
| | 56-0115-AMP | 2 | 6" 7-Diode Oval Lamp Red (Truck Mount) |
| | 56-0082 | 2 | Oval Grommet |
| 9 | 56-0115-AMP | 2 | 6" 7-Diode Oval Lamp Red |
| | 56-0082 | 2 | 6" Oval Grommet |
| 10 | 56-0071-1-LED | 2 | 2" Red LED 1-Diode Clearance Light |
| | 56-0070-2 | 2 | 2" Round Grommet |

CONTROLLER (CAB CONTROL SELECTOR VALVE)



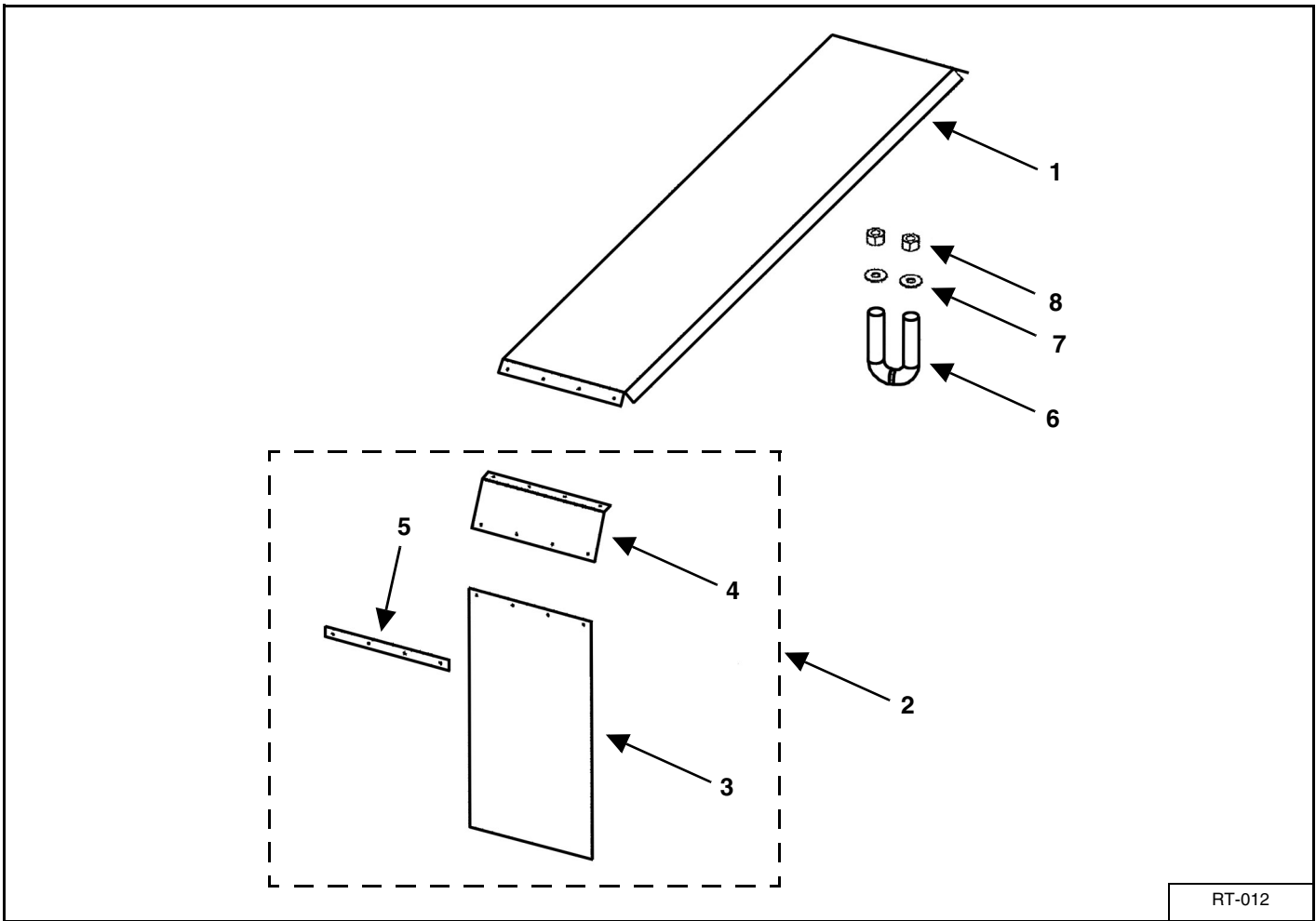
| KEY | PART NUMBER | QTY | DESCRIPTION |
|-----|-------------|-----|---|
| 1 | 56-0122-1 | 1 | Control Box Assembly With Mount & Leads |
| 2 | 56-0122-2 | 1 | 18' Implement To Tractor Cable Assembly |
| 3 | 56-0122-8 | 1 | Tri-Cable Harness Assembly |
| 4 | 656-0002-3 | 1 | 6' Auxiliary Plug Wiring Harness Assembly |

10.0 OPTIONAL EQUIPMENT



| DESCRIPTION | PAGE # |
|--|--------|
| TRUCK MOUNT FENDER AND MUD FLAP | 84 |
| OPTIONAL WAGON MOUNT KIT | 85 |
| 4TH AUGER OPTION | 86 |
| EXTENSION | 88 |
| EXTENSION HYDRAULICS | 90 |
| EXTENSION FRONT HOSES | 91 |
| EXTENSION 12 VOLT HYDRAULIC LIFT POWER | 92 |
| 12 VOLT POWER UNIT | 93 |
| HIGHWAY LIGHT PACKAGE (PRIOR TO 2020 MODEL YEAR) | 94 |
| HIGHWAY LIGHT PACKAGE (2020 MODEL YEAR & LATER) | 95 |

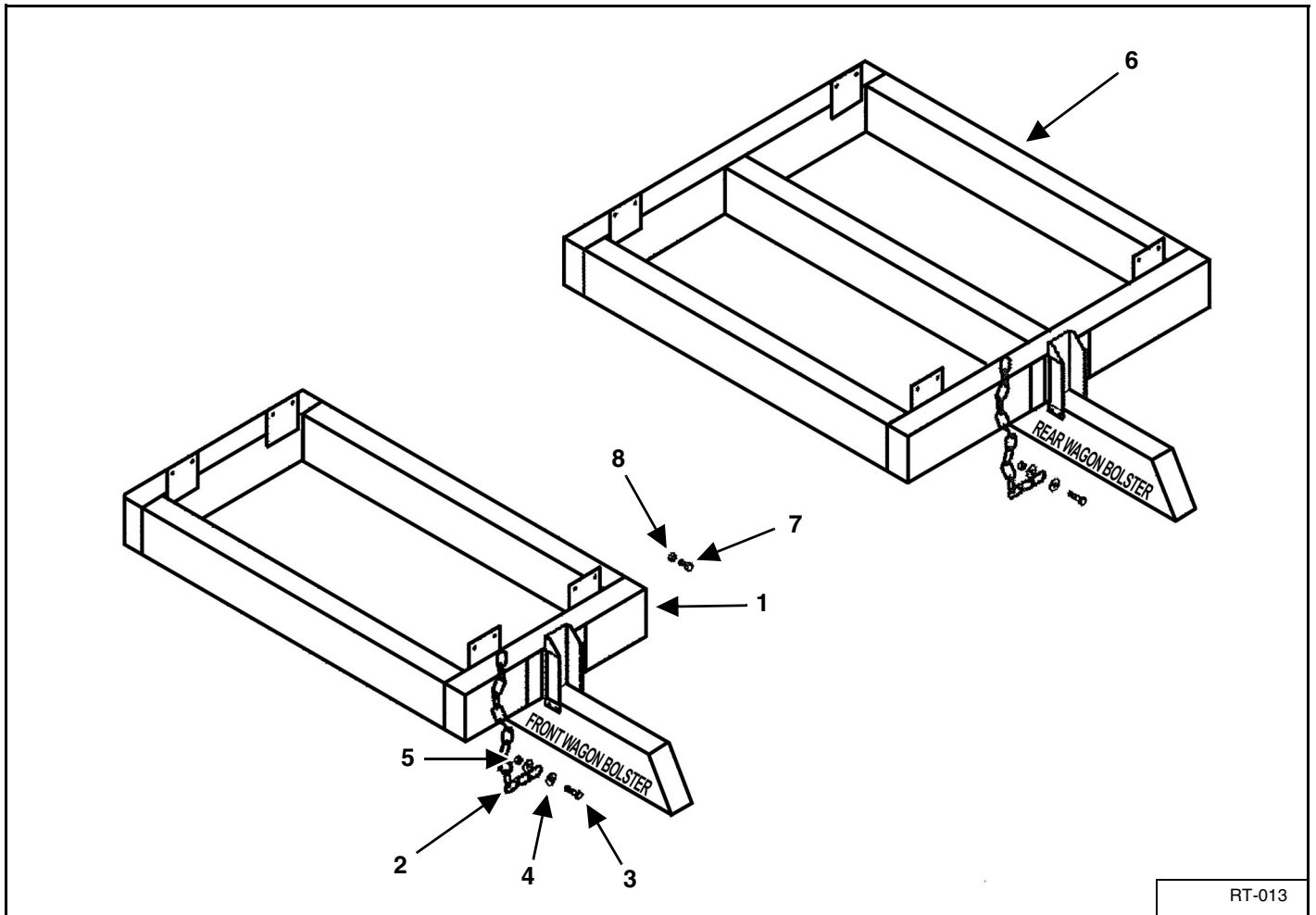
TRUCK MOUNT FENDER AND MUD FLAP



RT-012

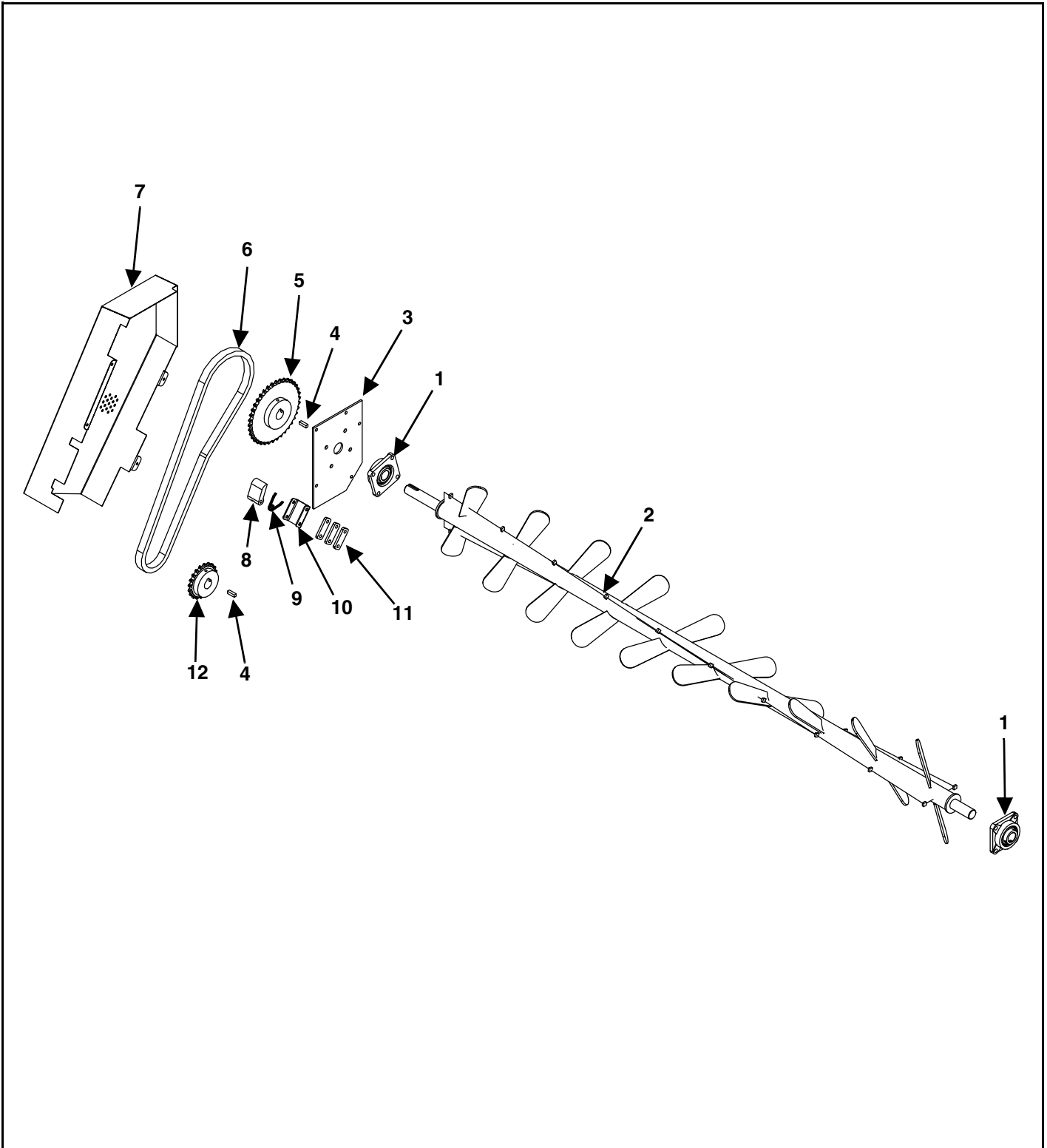
| KEY | PART NUMBER | QTY | DESCRIPTION |
|-----|---------------|-----|--|
| 1 | 8100-FENDER | 1 | Red Fender Kit with Mounting Hardware, No Mud Flap |
| | 25-8008 | 2 | Red Fender Only |
| 2 | 8100-MUD-FLAP | 1 | Mud Flap & Bracket Kit |
| 3 | 49-0092 | 2 | Mud Flap |
| 4 | 25-8014-1 | 2 | Mud Flap Mounting Bracket |
| 5 | 25-8212 | 2 | Mud Flap Attaching Strip |
| 6 | 52-0026-5 | 8 | 1/2" U-Bolt |
| 7 | 804-0050-Z | 16 | 1/2" Fender Washer |
| 8 | 815-5020-Z | 16 | 1/2" Nylon Locknut |

OPTIONAL WAGON MOUNT KIT



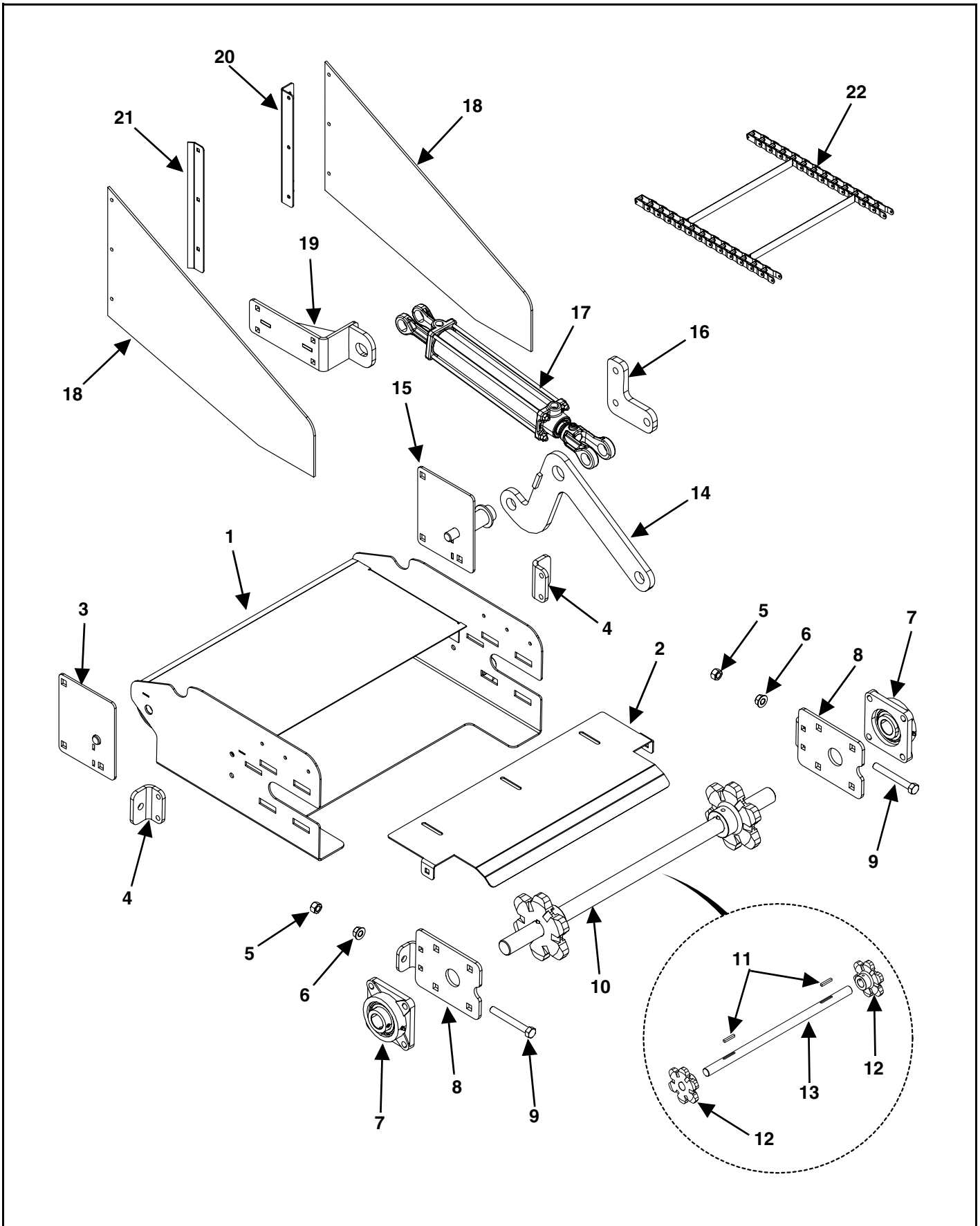
| KEY | PART NUMBER | QTY | DESCRIPTION |
|-----|----------------|-----|---|
| 0 | 8100-WAGON | 1 | Wagon Mount Kit |
| 1 | 25-8025 | 1 | Wagon Mount Weldment - Front |
| 2 | 75-0341-4-HD | 4 | Chain, 61" Long |
| 3 | 851-3816-1.5Z | 4 | Bolt, 3/8"-16 x 1.5" Hex Head Machine Bolt |
| 4 | 805-0038-Z | 8 | Washer, 3/8" Flat |
| 5 | 814-3816-Z | 4 | Nut, 3/8"-16 Center Lock |
| 6 | 25-8026 | 1 | Wagon Mount Weldment - Rear |
| 7 | 851-5013-1.25Z | 16 | Bolt, 1/2"-13 x 1.25" Hex Head Machine Bolt |
| 8 | 815-5013-Z | 16 | 1/2"-13 Nylon Locknut |

4TH AUGER OPTION



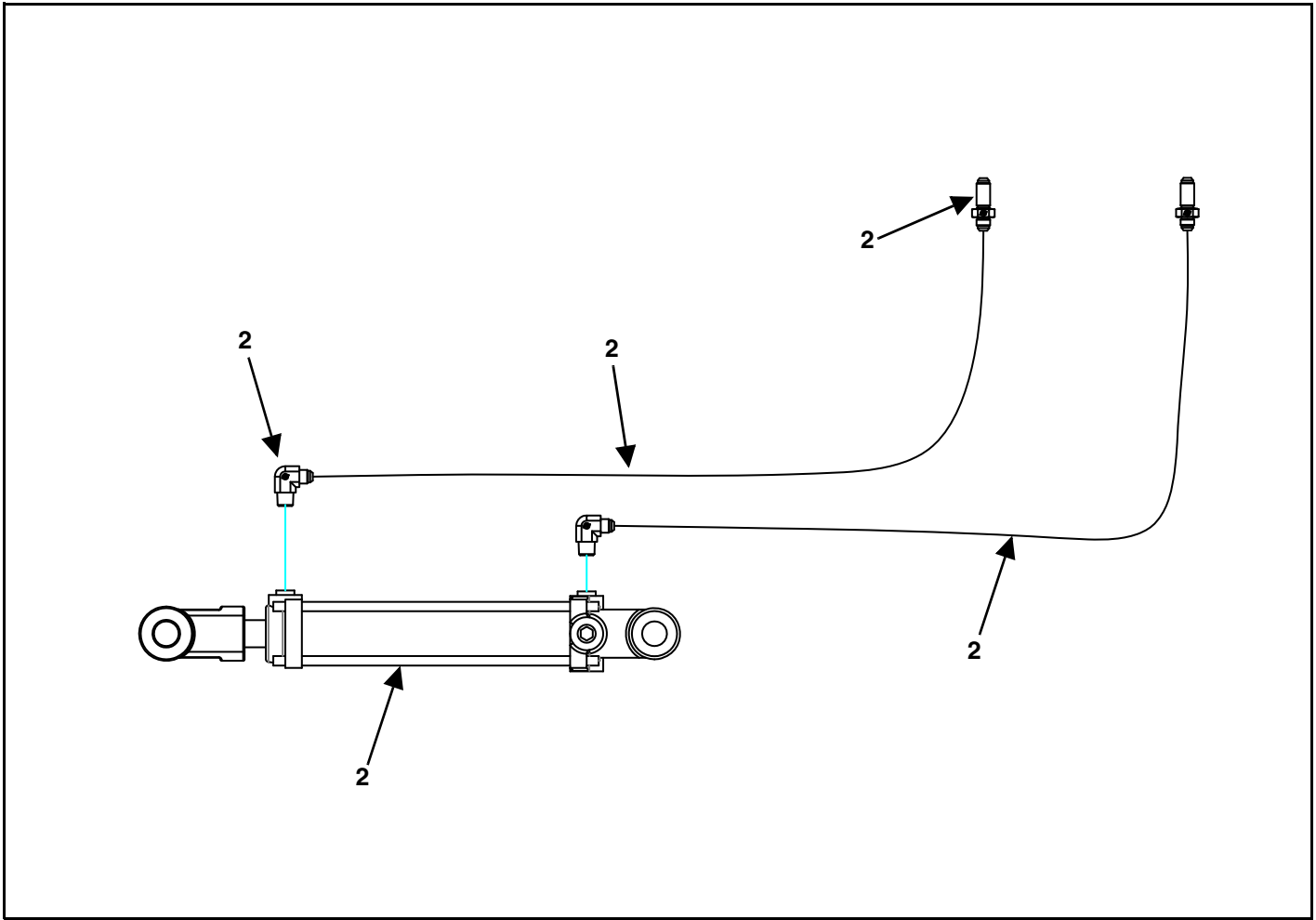
| KEY | PART NUMBER | QTY | DESCRIPTION |
|-----|------------------|-----|---|
| 1 | 14-0060 | 2 | 1-3/8" 4-Bolt Bearing |
| 2 | 26-0117 | 1 | 4th Auger Welded Assembly |
| 3 | 100-8212-2-3-3 | 1 | 4th Auger Install Plate |
| 4 | 35-0006 | 2 | 3/8" x 3/8" x 1-1/4" Square Key |
| 5 | 110-60B38-1.38-1 | 1 | 60B38 1-3/8" Bore Sprocket |
| 6 | 111-0060-95 | 1 | Roller Chain Including Connector & Offset |
| 7 | 24-0241-1 | 1 | 4th Auger Chain Cover Weldment |
| 8 | 41-0002 | 1 | 3" Nylon Slide Chain Tightener Paddle |
| 9 | 29-0037 | 2 | Torsion Spring Chain Tightener |
| 10 | 25-0047 | 1 | Auger Chain Tightener Bracket |
| 11 | 100-8212-2-1-13 | 3 | Chain Tensioner Spacer |
| 12 | 110-60B20-1.38-1 | 1 | 60B20 1-3/8" Bore Sprocket |

EXTENSION



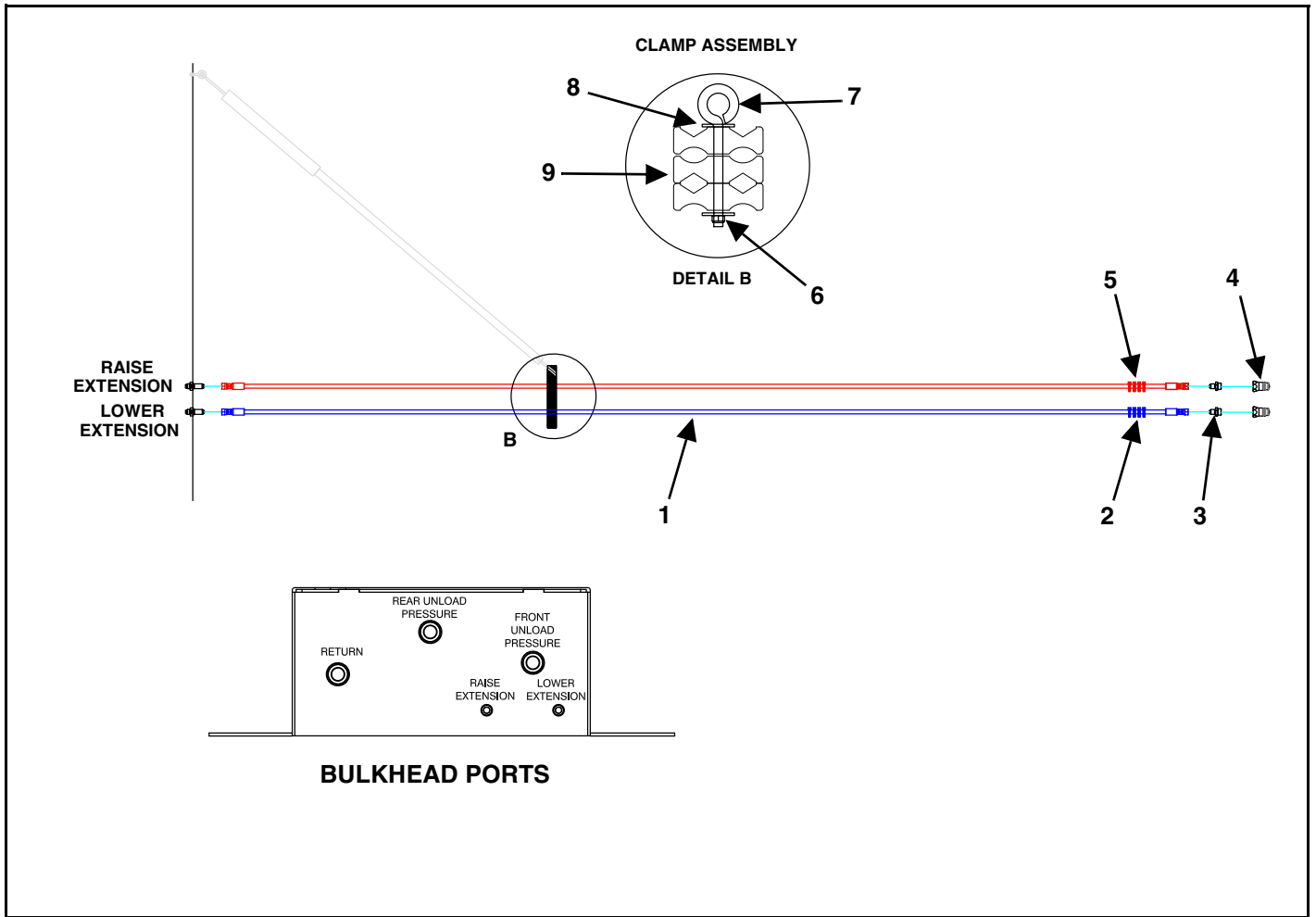
| KEY | PART NUMBER | QTY | DESCRIPTION |
|-----|------------------|-----|---------------------------------------|
| 1 | 45-0036 | 1 | 24" Extension Frame |
| | 45-0038 | 1 | 36" Extension Frame |
| 2 | 24-0227 | 1 | Extension Shaft Shield |
| 3 | 45-0022 | 1 | Front Pivot Assembly |
| 4 | 25-0506 | 2 | Pulley Bearing Adjuster Mount Bracket |
| 5 | 813-5013-Z | 2 | 1/2"-13 Hex Nut |
| 6 | 810-5013-Z | 2 | 1/2"-13 Spin Lock Nut |
| 7 | 14-0101 | 2 | 1-1/4" 4-Bolt Bearing |
| 8 | 25-0610 | 2 | Pulley Bearing Plate |
| 9 | 830-5013-4Z | 2 | 1/2"-13 x 4" Tap Bolt |
| 10 | 45-0033 | 1 | Idler Shaft Assembly |
| 11 | 135-3131-2-1 | 2 | 5/16" x 5/16" x 2" Square Key |
| 12 | 110-81XB6-1.25-2 | 2 | 81XB6 Conveyor Sprocket |
| 13 | 23-0218 | 1 | Idler Shaft |
| 14 | 45-0024 | 1 | Extension Pivot Arm Weldment |
| 15 | 45-0021 | 1 | Extension Rear Pivot Pin Assembly |
| 16 | 45-0035 | 1 | Cross Conveyor Extension Mount |
| 17 | See Page 90 | 1 | 2" x 10" Hydraulic Cylinder |
| 18 | 49-0243 | 2 | 24" Extension Belt Deflector |
| | 49-0248 | 2 | 36" Extension Belt Deflector |
| 19 | 45-0034 | 1 | Cylinder Mount Weldment |
| 20 | 25-0621 | 1 | Extension Belting Bracket |
| 21 | 25-0612 | 1 | Extension Belt Cover |
| 22 | See Page 64 | 1 | Cross Conveyor Chain |

EXTENSION HYDRAULICS



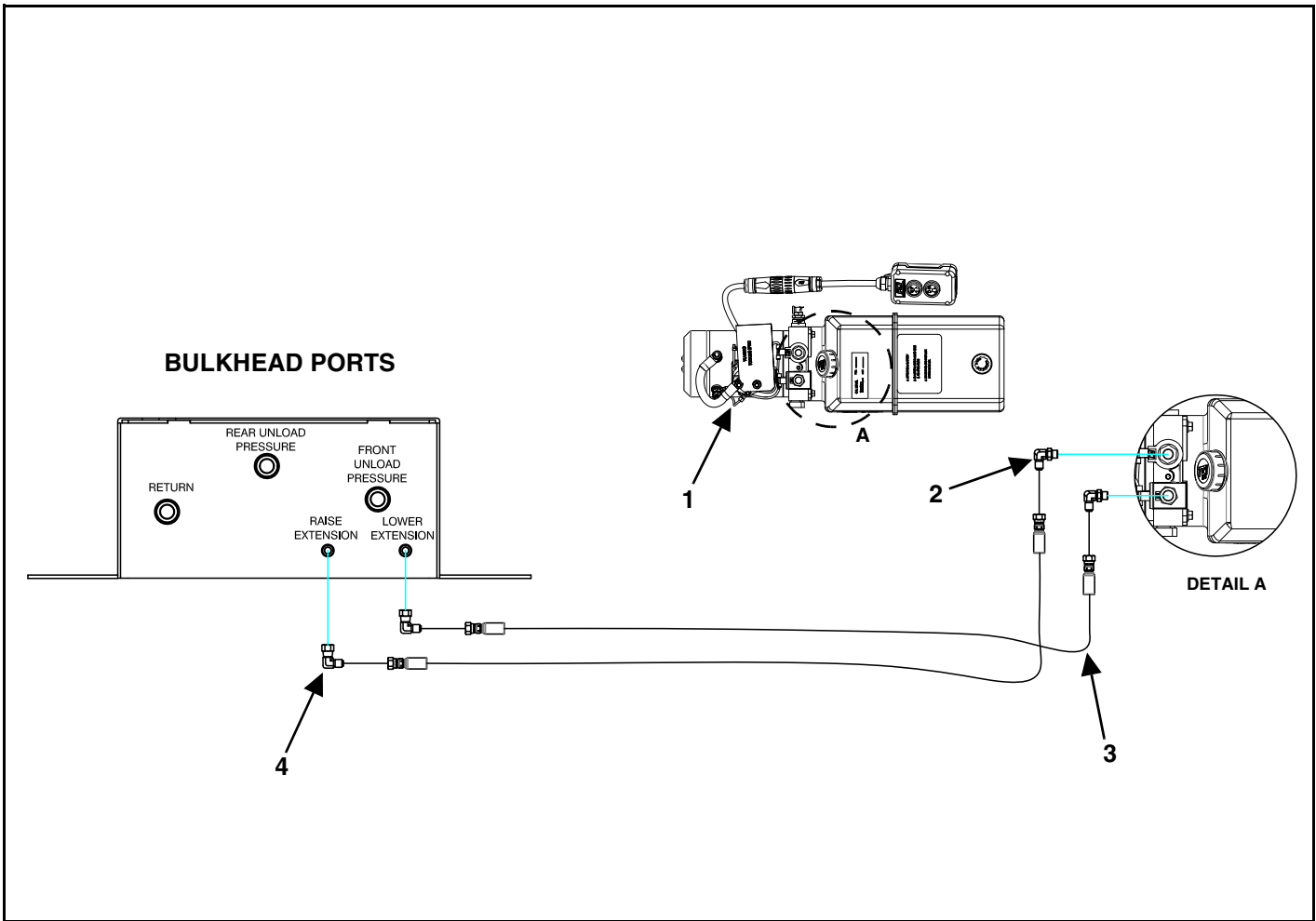
| KEY | PART NUMBER | QTY | DESCRIPTION |
|-----|-------------------|-----|-----------------------------|
| 1 | 55-0227 | 1 | 2" x 10" Hydraulic Cylinder |
| | 155-2-1.125-1-CSK | 1 | Chief Seal Kit |
| | 155-2-1.125-1-DSK | 1 | Delevan Seal Kit |
| | 155-2-1.125-1-MSK | 1 | Maxim Seal Kit |
| 2 | 155-04R17-67-1 | 1 | 1/4" x 67" Hose |
| 3 | 155-2700-LN-06-06 | 2 | Straight Bulkhead Fitting |
| 4 | 155-04R17-82-1 | 1 | 1/4" x 82" Hose |
| 5 | 155-2501-6-6 | 2 | 90° Fitting |

EXTENSION FRONT HOSES



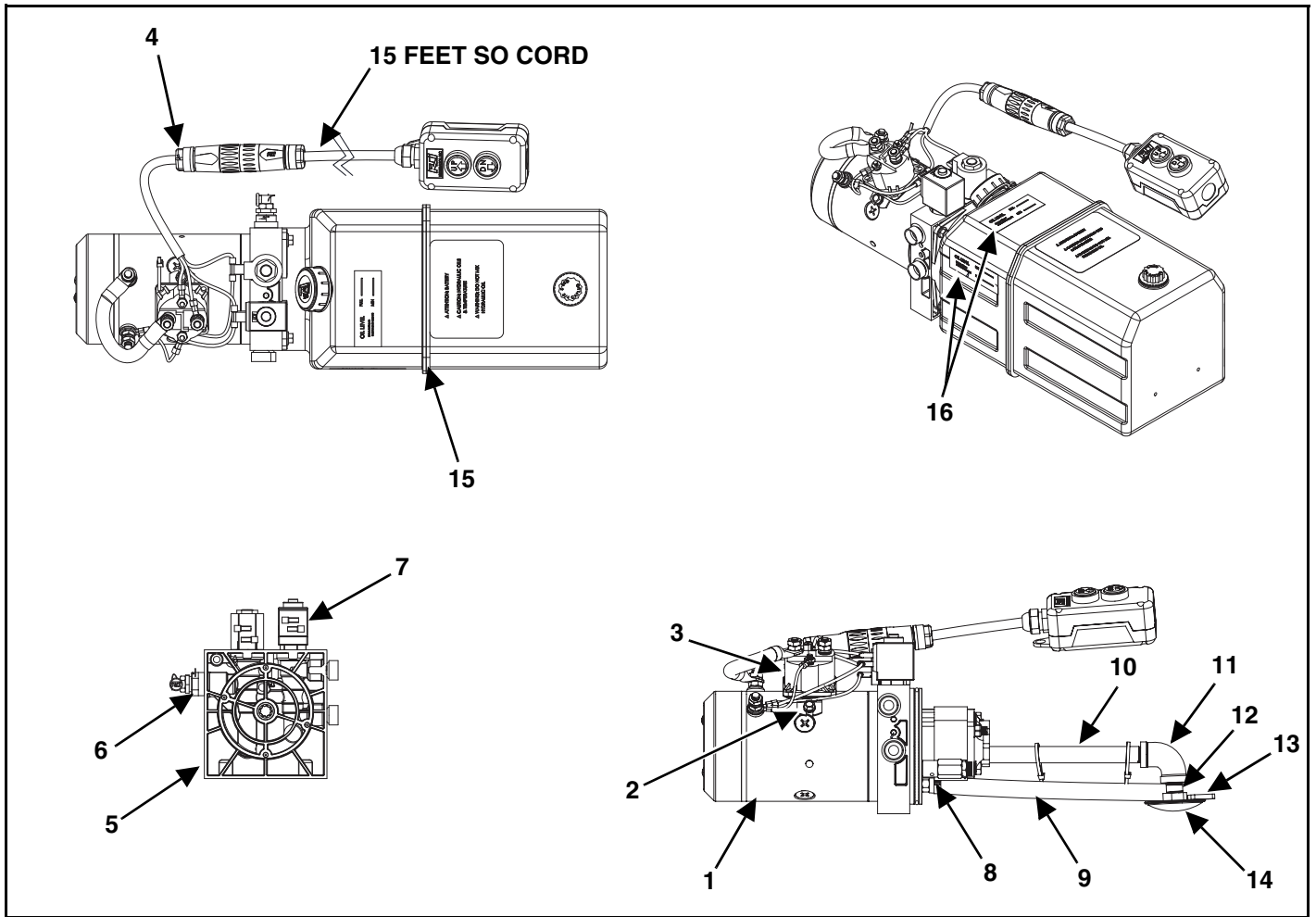
| KEY | PART NUMBER | QTY | DESCRIPTION |
|-----|-----------------|-----|--------------------------------|
| 1 | 155-04R17-113-1 | 2 | 1/4" x 113" Hose |
| 2 | 32-0054 | 4 | Blue Cable Tie |
| 3 | 155-6400-6-8 | 2 | Straight Fitting |
| 4 | 155-8010-15 | 2 | 1/2" Male Tip |
| 5 | 32-0053 | 4 | Red Cable Tie |
| 6 | 814-3118-Z | 1 | 5/16"-18 Center Lock Nut |
| 7 | 933-3804 | 1 | 5/16"-18 x 4" Eyebolt |
| 8 | 805-0031-Z | 2 | 5/16" Flat Washer |
| 9 | 55-0324 | 3 | Compact Twin Series Hose Clamp |

EXTENSION 12 VOLT HYDRAULIC LIFT POWER PACK



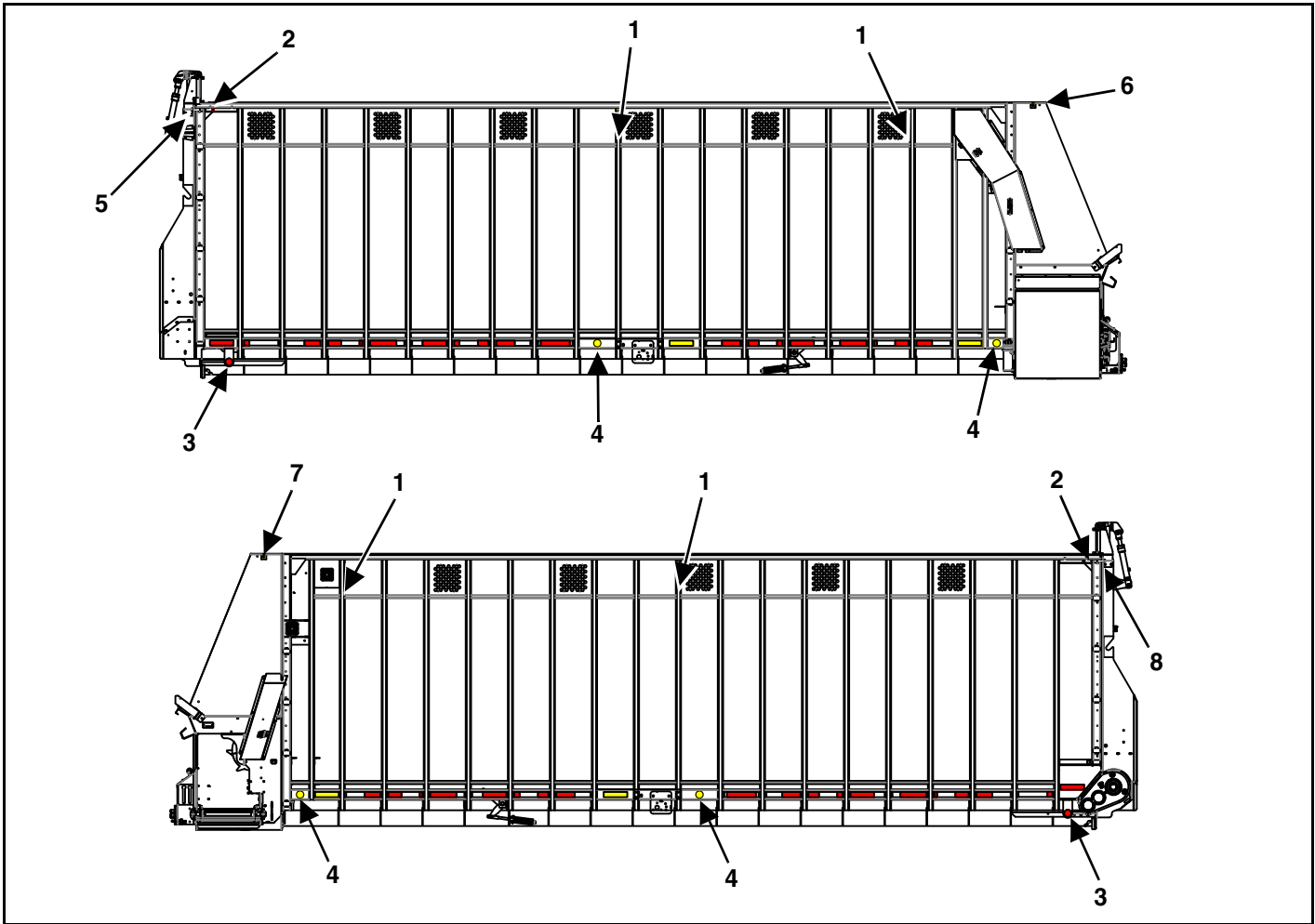
| KEY | PART NUMBER | QTY | DESCRIPTION |
|-----|----------------|-----|--------------------|
| 1 | See Page 93 | 1 | 12 Volt Power Unit |
| 2 | 155-6801-06-06 | 2 | 90° Fitting |
| 3 | 155-06R17-35-1 | 2 | 3/8" x 35" Hose |
| 4 | 155-6500-06-06 | 2 | 90° Fitting |

12 VOLT POWER UNIT



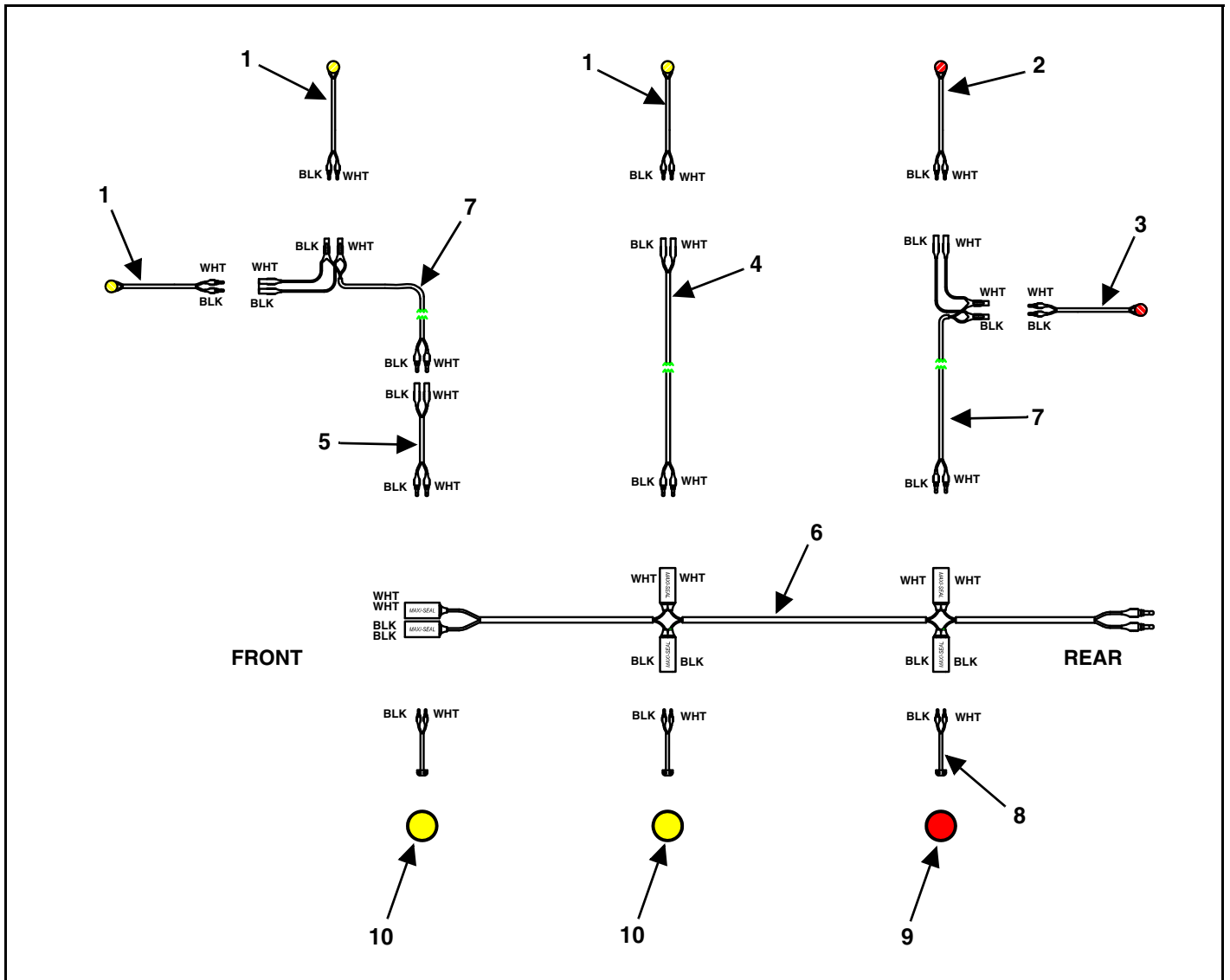
| KEY | PART NUMBER | QTY | DESCRIPTION |
|-----|--------------|-----|--|
| 0 | 955-0205 | 1 | 12 Volt Power Unit |
| 1 | 955-0205-1 | 1 | 12 Volt DC Electric Motor |
| 2 | 822-0025-Z | 2 | 1/4" Split Lock Washer |
| 3 | 955-0205-4 | 1 | 12 Volt Heavy Duty Plastic Start Solenoid Switch |
| 4 | 955-0205-3 | 1 | Tower Half Shroud Connector Assembly |
| 5 | 955-0205-2 | 1 | Manifold |
| 6 | 955-0205-11 | 1 | Adjustable Relief Valve |
| 7 | 955-0205-7 | 1 | 10 Volt DC #8 Square Coil With Dual Spade |
| 8 | 955-0205-5-5 | 1 | Steel Hose Clamp |
| 9 | 955-0205-5-4 | 1 | 1/2" ID x 10" Clear Plastic Tubing |
| 10 | 955-0205-5-1 | 1 | 3/8" NPT x 7" Black Iron Pipe |
| 11 | 955-0205-5-6 | 1 | 3/8" NPT 90° Black Iron Elbow |
| 12 | 955-0205-5-7 | 1 | 3/8" NPT x 1" Pipe Nipple |
| 13 | 955-0205-5-2 | 1 | Rectangle Carbon Magnet |
| 14 | 955-0205-5-3 | 1 | 3/8" NPT Inlet Strainer |
| 15 | 955-0205-10 | 1 | 6 Quart Plastic Offset Reservoir |
| 16 | 955-0205-5-8 | 2 | Oil Level Label |

HIGHWAY LIGHT PACKAGE (PRIOR TO 2020 MODEL YEAR)



| KEY | PART NUMBER | QTY | DESCRIPTION |
|-----|---------------|-----|--|
| 1 | 56-0111-BT | 4 | Flat 1-Diode Amber LED Light |
| 2 | 56-0112-BT | 2 | Flat 1-Diode Red LED Light (Truck Mount) |
| | 56-0111-BT | 2 | Flat 1-Diode Amber LED Light (Pull Type) |
| 3 | 56-0036-LED | 2 | Flat 1-Diode Red LED Light (Truck Mount) |
| | 56-0025-LED | 2 | 2-1/2" Amber LED Light (Pull Type) |
| | 56-0026 | 2 | 2-1/2" Grommet |
| | 625-0125-1-FB | 2 | Mount Bracket |
| 4 | 56-0025-LED | 4 | 2-1/2" Amber LED Light |
| | 56-0026 | 4 | 2-1/2" Grommet |
| 5 | 56-0112-BT | 1 | Flat 1-Diode Red LED Light |
| | 25-1085-1 | 1 | Rear Right Clearance Light Bracket |
| 6 | 56-0111-BT | 1 | Flat 1-Diode Amber LED Light |
| | 25-0847 | 1 | Front Right Light Bracket |
| 7 | 25-0847 | 1 | Flat 1-Diode Amber LED Light |
| | 25-0849 | 1 | Front Right Light Bracket |
| 8 | 56-0112-BT | 1 | Flat 1-Diode Red LED Light |
| | 25-1086-1 | 1 | Rear Left Clearance Light Bracket |

HIGHWAY LIGHT PACKAGE (2020 MODEL YEAR & LATER)



| KEY | PART NUMBER | QTY | DESCRIPTION |
|-----|-------------|-----|--|
| 1 | 56-0111-BT | 6 | Flat 1-Diode Amber LED Light |
| 2 | 56-0112-BT | 2 | Flat 1-Diode Red LED Light (Truck Mount) |
| | 56-0111-BT | 2 | Flat 1-Diode Amber LED Light (Pull Type) |
| 3 | 56-0112-BT | 2 | Flat 1-Diode Red LED Light |
| 4 | 56-0241 | 2 | 98" Marker Extension Harness |
| 5 | 56-0259 | 2 | 32" Marker Extension Harness |
| 6 | 56-0290 | 2 | 8222 Side Marker Harness |
| | 56-0273 | 2 | 8224 Side Marker Harness |
| | 56-0274 | 2 | 8226 Side Marker Harness |
| 7 | 56-0243 | 4 | Marker Double Extension Harness |
| 8 | 56-0027-BT | 6 | Male Bullet Terminal |
| 9 | 56-0036-LED | 2 | 2-1/2" Red LED Light (Truck Mount) |
| | 56-0025-LED | 2 | 2-1/2" Amber LED Light (Pull Type) |
| 10 | 56-0025-LED | 4 | 2-1/2" Amber LED Light |

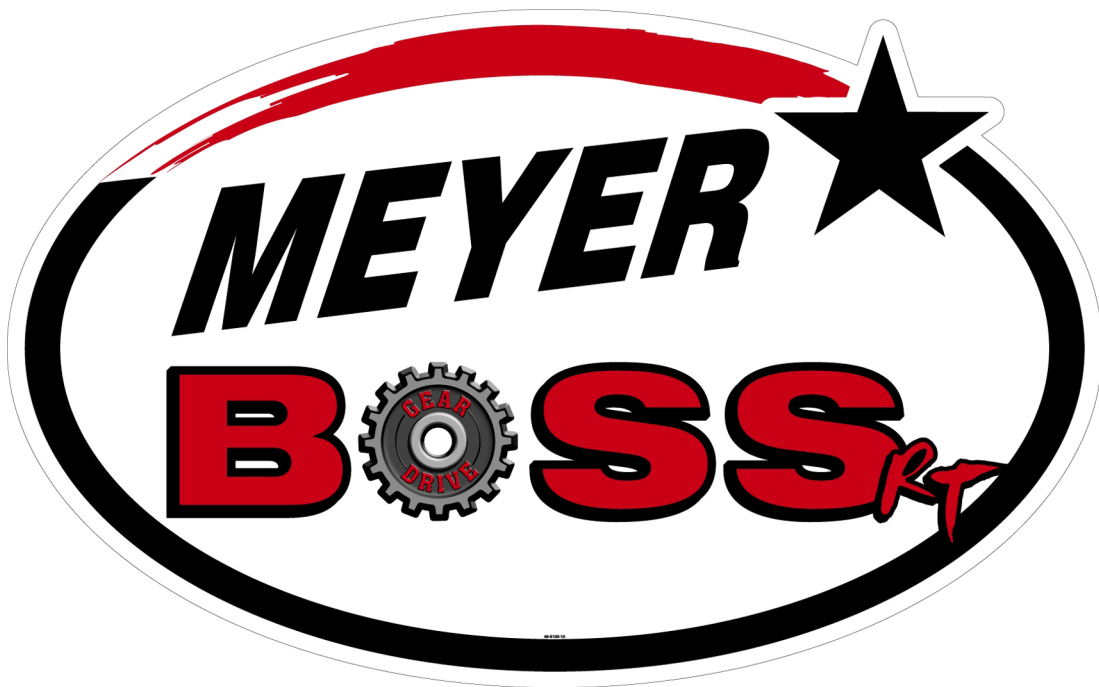


11.0 SPECIFICATIONS

| DIMENSIONS | 8224RT | 8226RT |
|---|--------|--------|
| Inside Length | 24' 8" | 26' |
| Inside Width | 97" | 97" |
| Inside Height - no extension | 72" | 72" |
| Inside Height w/14" extension | 85.5" | 85.5" |
| Overall Length | 29' 8" | 31' |
| Overall Width With Conveyor Extension | 119" | 119" |
| Overall Width Without Conveyor Extension | 117' | 117' |
| Overall Height - no extension (top of gate) * | 103.5" | 103.5" |
| Overall Height w/14" extension (top of gate) * | 115.5" | 115.5" |
| Overall Side Height - no extension * | 88.25" | 88.25" |
| Overall Side Height - extension * | 102" | 102" |
| Stringer Width (Truck/Trailer Mount) | 33.5" | 33.5" |
| Capacity (struck level) Cu. Ft. - no extension | 1200 | 1260 |
| Capacity (struck level) Cu. Ft. - w/14" extension | 1400 | 1495 |
| *Height measurements - Straight Truck Mounted Units require hardware which adds approximately 1.5" to height. | | |

| SPECIFICATIONS | 8224RT | 8226RT |
|--|--------------|--------------|
| Maximum Net Load (off road rating) | 25 ton | 25 ton |
| Apron Chains (pintle) | 667XH | 667XH |
| Cross Conveyor Apron Chain | HD 81X | HD 81X |
| Rear Drive Shaft (HD Solid Shaft) | 2-3/8" | 2-3/8" |
| Front Hydraulic Direct Geardrive | STD | STD |
| Rear Unload Power Source | Dual #120 | Dual #120 |
| Upright Spacing | 16" o/c | 16" o/c |
| Upright / Cross Member Construction | 2 x 2 tubing | 2 x 2 tubing |
| Enclosed Side Frame/Cross Member Union | STD | STD |
| Rear Unloading Time (Dependent of Hyd. System) | 50 seconds | 50 seconds |

See the "Forage Box Truck Mount Specifications and Mounting Instructions" for additional information. These instructions may also be found at www.meyermfg.com/specifications.php.





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