



8200 BOSS

Ag Cart Mounted Models 8222 • 8224 • 8226

Truck Mounted Models 8222 • 8224 • 8226

Owner / Operator's Manual & Parts Book

Starting 2013 Model Year



1.0 IMPORTANT INFORMATION

The serial number plate is located on the front left hand side of the front unloading unit.

The serial number is also stamped 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: 13T9201

Model Year / TSS / Model / Sequence Of Build



13



T



9



201

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



2.0 PRE-DELIVERY & DELIVERY CHECK LIST

8200 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 Belt or 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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Fax: 715-654-5513

Email: sales@meyermfg.com

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 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 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	8222	8224	8226
Clad-Tuff Fiberglass Woven Side Panels	STD	STD	STD
Solid Poly Floor - High Molecular	STD	STD	STD
Rear Gate Delay System	STD	STD	STD
Automatic Rear Door Unlatch / Latch	STD	STD	STD
Hydraulic Drive	STD	STD	STD
Rear Transport Lights - LED (new location)	STD	STD	STD
Personalized Farm Name On Sides	STD	STD	STD

OPTIONS

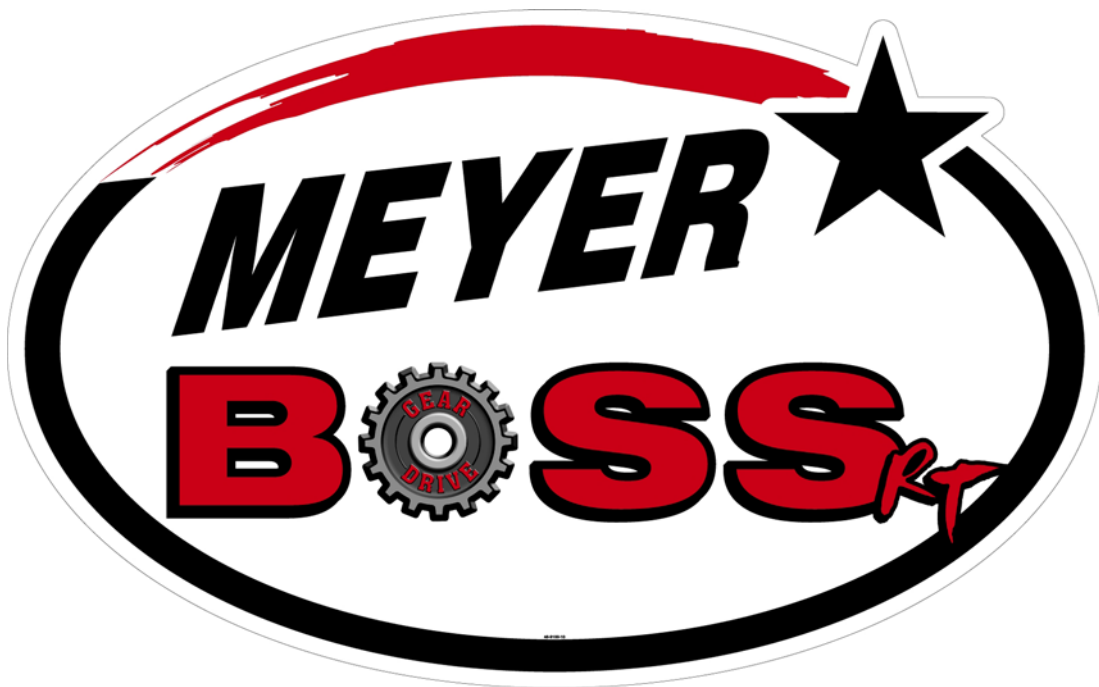
DESCRIPTION	8222	8224	8226
14" Removable Side Extension (screen or solid)	OPT	OPT	OPT
Double Center Opening Doors Air / Hydraulic (Barn Doors)	N/A	N/A	N/A
Grain Kit / Quick Attach for Top Pivot Door	N/A	N/A	N/A
Grain Kit / Quick Attach for Barn Door Gate	N/A	N/A	N/A
Side-Mounted, LED Turn Signals (in addition to standard)	OPT	OPT	OPT
Side Hood Deflector/backstop (RH side)	OPT	OPT	OPT
Black paint in lieu of Red	OPT	OPT	OPT
Truck Mount Kit w/Steel Fenders	OPT	OPT	OPT
Factory Install of Truck Mount Kit	OPT	OPT	OPT
Front Enclosure	OPT	OPT	OPT
Front to Back Scissor Tarp (electric)	OPT	OPT	OPT
Side-To-Side Roll Tarp (electric)	OPT	OPT	OPT
Marker / Clearance Lights & D.O.T Tape	OPT	OPT	OPT

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4.0 MANUFACTURER'S WARRANTY

11/2014

MEYER 8200 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 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:

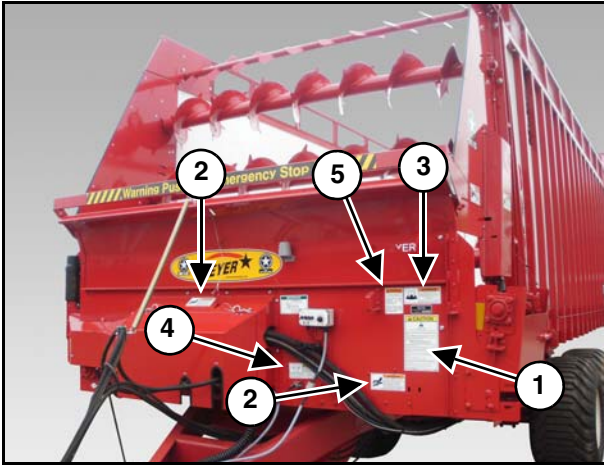
- Check hydraulic tubes, hoses and fittings for damage and leakage. Never use hands to check for leaks. Hydraulic tubes and hoses must be properly routed and have adequate support and secure clamps. Tighten or replace any parts that show leakage.
- Always clean fluid spills. Do not use gasoline or diesel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



2



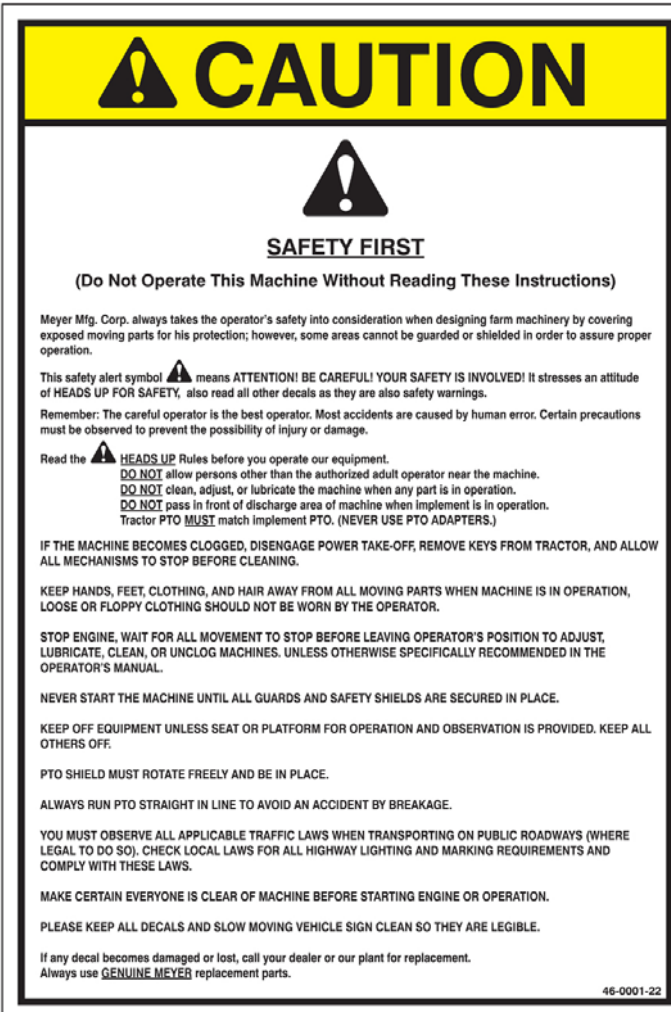
PART NO. 46-8500-7

3



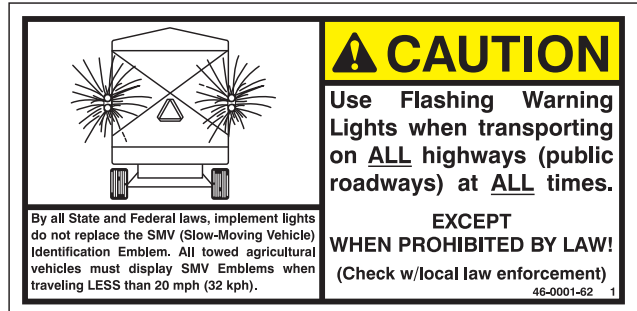
PART NO. 46-0001-35

1



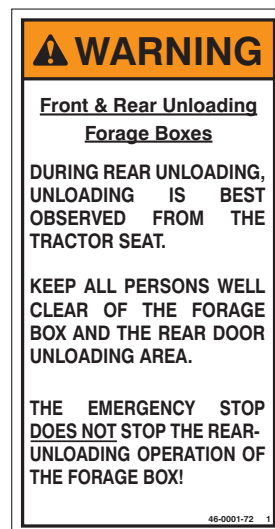
PART NO. 46-0001-22

4



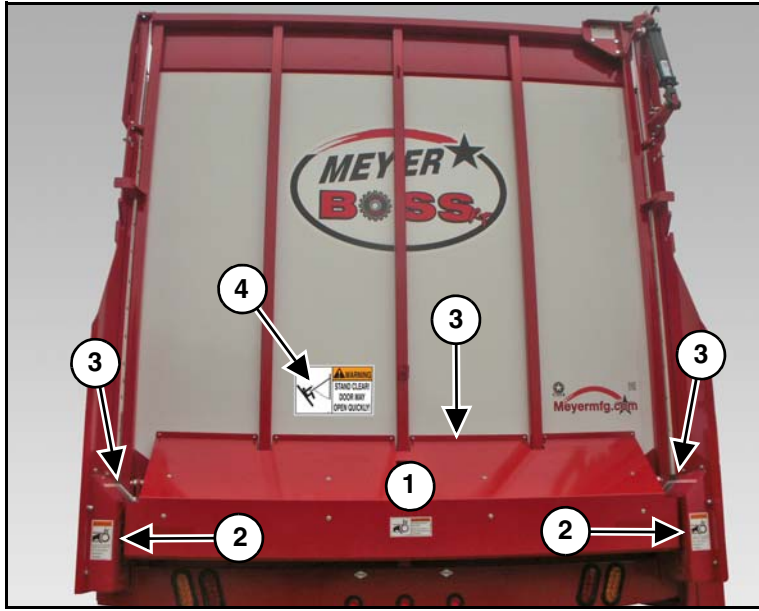
PART NO. 46-0001-62 (Pull Type Only)

5



PART NO. 46-0001-72

REAR OF FORAGE BOX



PART NO. 46-0001-33

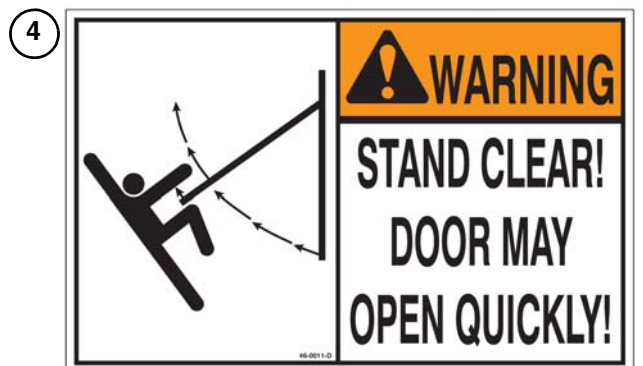


PART NO. 46-0001-4



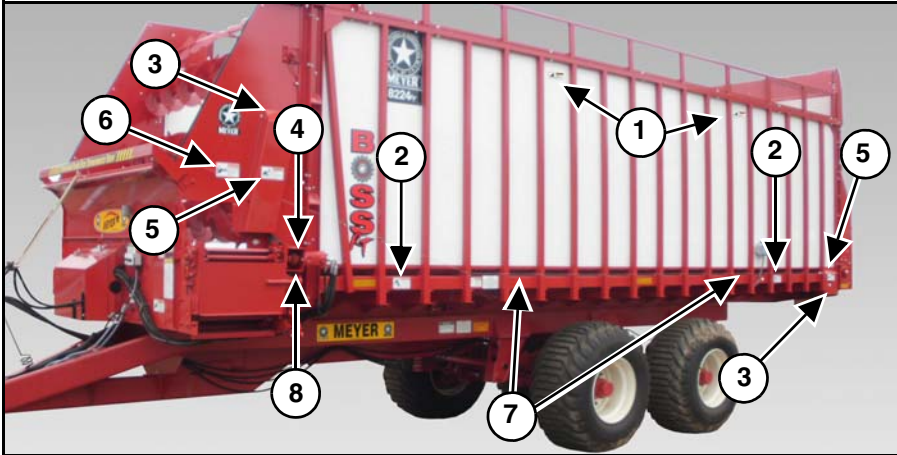
(Located Under Shield)

PART NO. 46-0001-26



PART NO. 46-0011-D

LEFT SIDE OF FORAGE BOX



PART NO. 46-0001-33



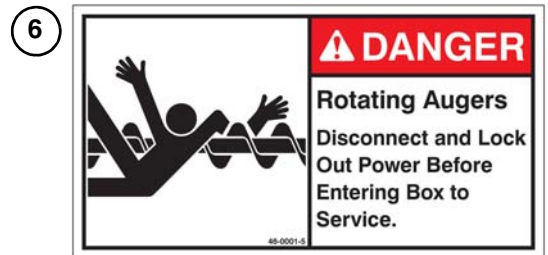
PART NO. 46-9100-4



PART NO. 46-0001-4



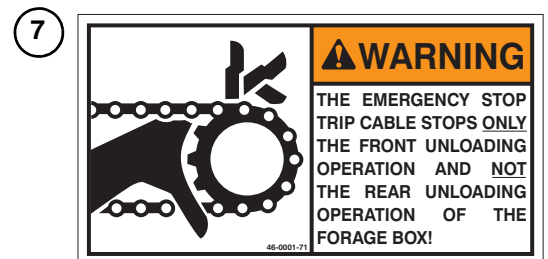
PART NO. 46-0001-20



PART NO. 46-0001-5



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

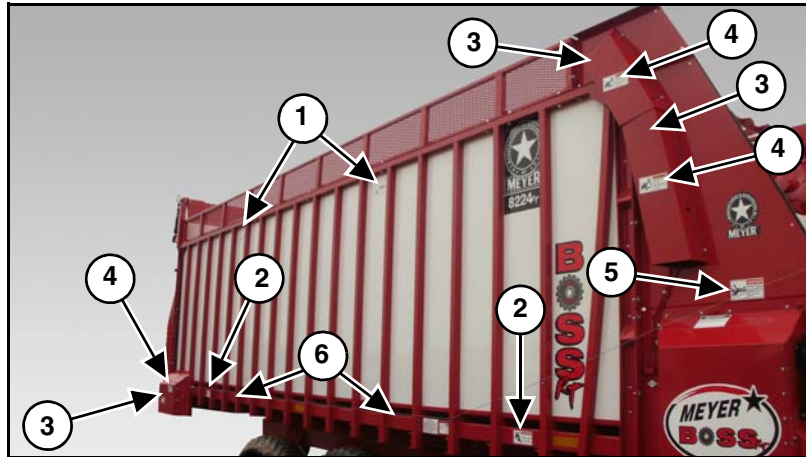


PART NO. 46-0001-71



PART NO. 46-0001-207
(Located Under Shield)

RIGHT SIDE OF FORAGE BOX



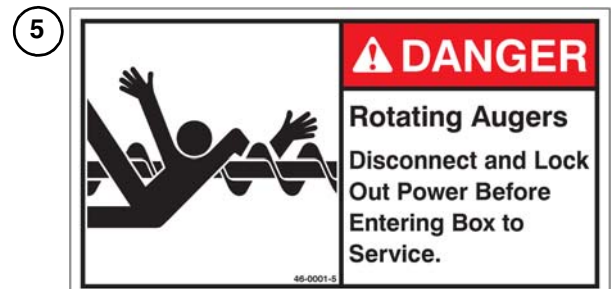
PART NO. 46-9100-4



PART NO. 46-0001-4



PART NO. 46-0001-20

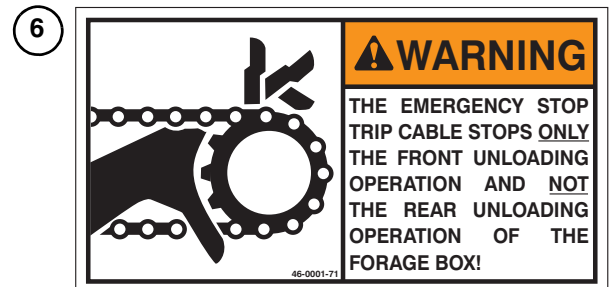


PART NO. 46-0001-5



(Located Under Shield)

PART NO. 46-0001-26



PART NO. 46-0001-71

5.3 EMERGENCY SAFETY STOP

CAUTION

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.

WARNING

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 PTO drive shaft, nor the rear unloading operation of the forage box.



5.3.3 Resetting the Emergency Stop



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.



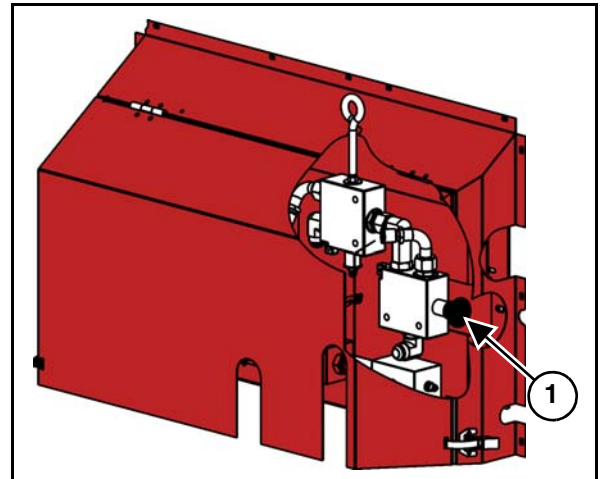
CAUTION

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, pull out on the Selector Valve knob (Item 1), then push in for front unloading. (Leave out for rear unloading.)

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 8.3 ADJUSTMENTS on page 44.)
2. Lubricate the equipment. (See 8.1 LUBRICATION on page 39.)
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 39.)

6.1.2 General Inspection



Inspect the chassis' axles, o-beams, spindles, tires, hitches & all safety shielding, safety signs and safety lighting regularly. These parts if not watched closely, may 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.

Check to see that no obstructions are present in the forage box prior to start up. Be sure that there are not tools laying on or in the forage box. A window is provided in the front of the forage box to allow observation inside. Unloading is best observed from the operator's seat.

See your Trailer / Chassis manual for further product safety and maintenance details.

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 & Tractor hydraulic system should be capable of 25 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 40 gallon reservoir. An oil cooler and 25 GPM priority flow control is required to be installed with the wet kit.

Call the factory for further information.

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.



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.



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.

For Start-Up and Shut-Down procedures, (See 7.2 FRONT UNLOADING on page 34.) & (See 7.3 REAR UNLOADING on page 36.)

6.6 OPERATIONAL CHECKS



WARNING

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

Before filling the forage box, slowly engage the hydraulics and operate at idle speed to ensure that the forage box is operating properly.

Adjust and lubricate equipment as needed. (See 8.3 ADJUSTMENTS on page 44.) & (See 8.1 LUBRICATION on page 39.)

6.7 FRONT UNLOADING SET-UP

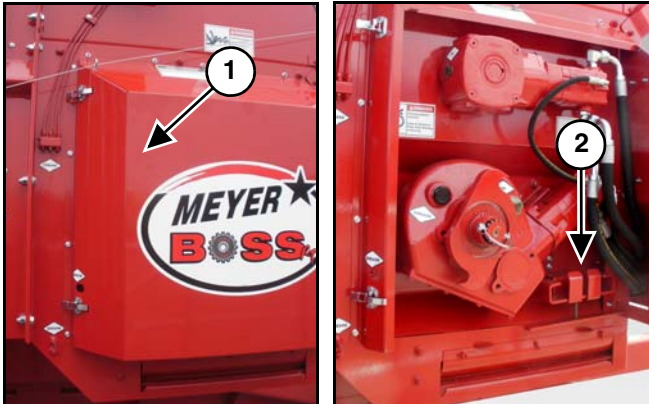


Shutoff and lockout power before adjusting, servicing, maintaining, or clearing an obstruction from this machine. Failure to heed may result in serious personal injury or death.

6.7.1 Driver Plate Installation

Use the following 7 steps to remove and install the drive plate coupler for front unloading;

STEP 1



Unlatch and open the front drive shield (Item 1) (located on the right front side of the box).

Locate the drive plate puller (Item 2) in the lower front corner of the housing.

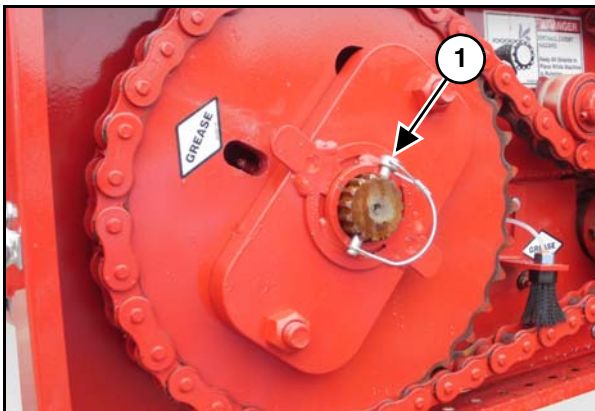
Remove the drive plate puller.

STEP 2



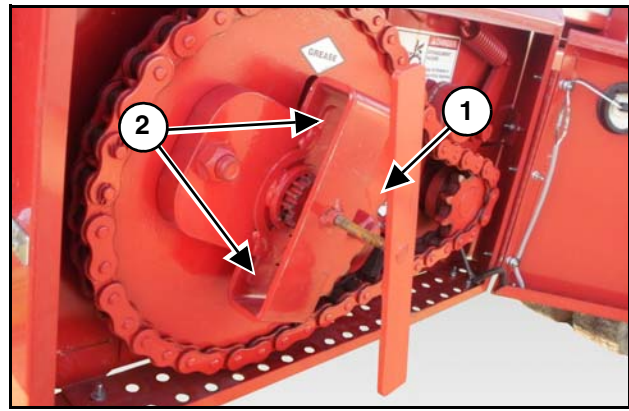
Unlatch and open the rear drive shield (Item 1) (located on the right rear side of the box).

STEP 3



Remove the retaining pin (Item 1) from the rear drive shaft.

STEP 4



Slide the drive plate puller (Item 1) around the tabs (Item 2) welded on the drive plate coupler.

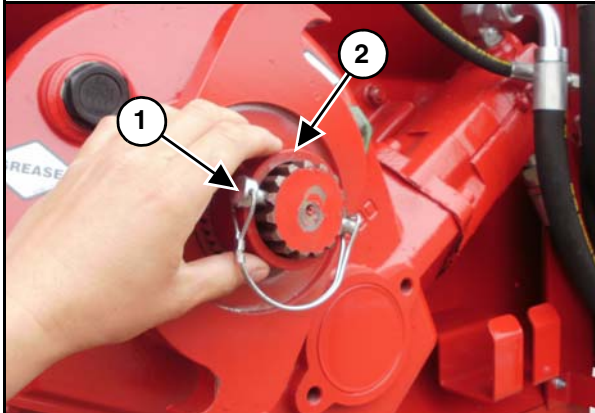
Align the threaded rod with the center of the drive shaft.

Rotate the handle of the drive plate puller clockwise until the drive plate coupler is free from the rear drive shaft.

Remove the drive plate coupler.

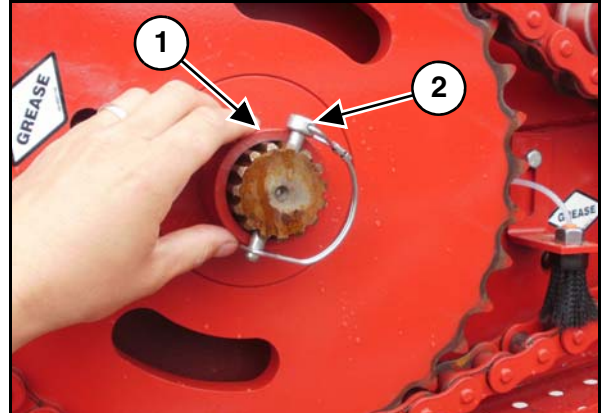
Continue the following steps to remove and install the drive plate coupler for front unloading;

STEP 5



Remove the retaining pin (Item 1) and spacer (Item 2) from the front drive shaft.

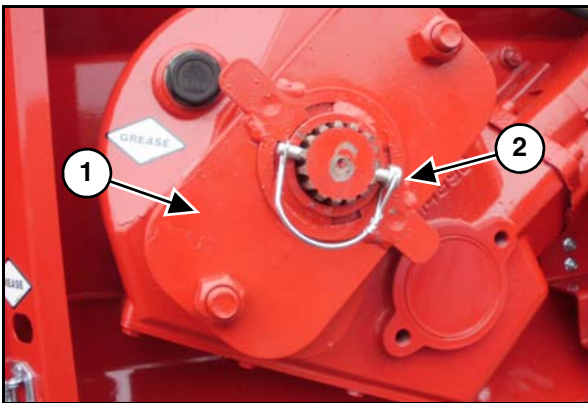
STEP 6



Install the spacer (Item 1) and retaining pin (Item 2) removed from the front drive shaft onto the rear drive shaft.

Close and secure the rear drive shield.

STEP 7



Align and install the drive plate coupler (Item 1) onto the front drive shaft.

Install the retaining pin (Item 2) through the front shaft.

Place the drive plate puller into the storage position inside the front drive shield.

Close and secure the front drive shield.

NOTE: Always install the drive plate coupler with heads of the two bolts on the inside.

NOTE: Verify that the bolt heads are forward of the hooks on the S plate on the gearbox.

CAUTION

Do not operate without all guards, shields and covers closed and securely fastened. Failure to heed may result in serious personal injury or death.

(See 7.2 FRONT UNLOADING on page 34.) for front unloading procedure.

6.8 REAR UNLOADING SET-UP

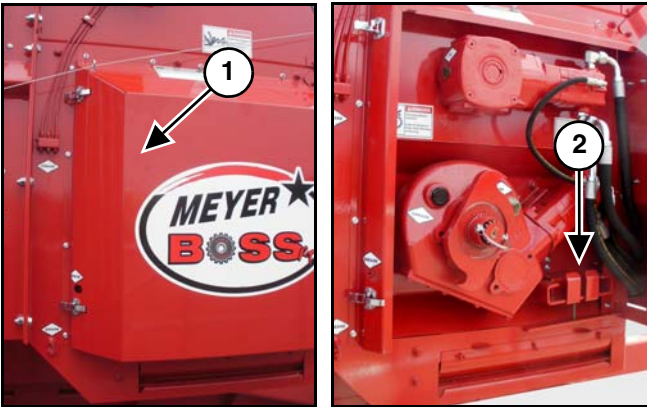


Shutoff and lockout power before adjusting, servicing, maintaining, or clearing an obstruction from this machine. Failure to heed may result in serious personal injury or death.

6.8.1 Driver Plate Installation

Use the following 7 steps to remove and install the drive plate coupler for rear unloading;

STEP 1

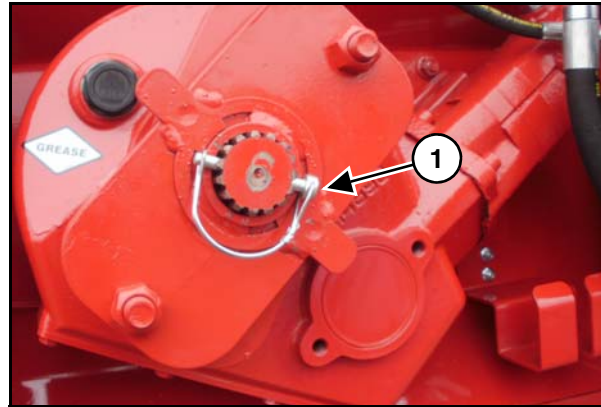


Unlatch and open the front drive shield (Item 1) (located on the right front side of the box).

Locate the drive plate puller (Item 2) in the lower front corner of the housing.

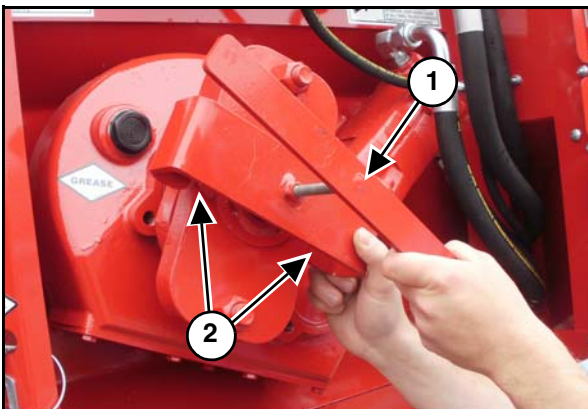
Remove the drive plate puller.

STEP 2



Remove the retaining pin (Item 1) from the front shaft.

STEP 3



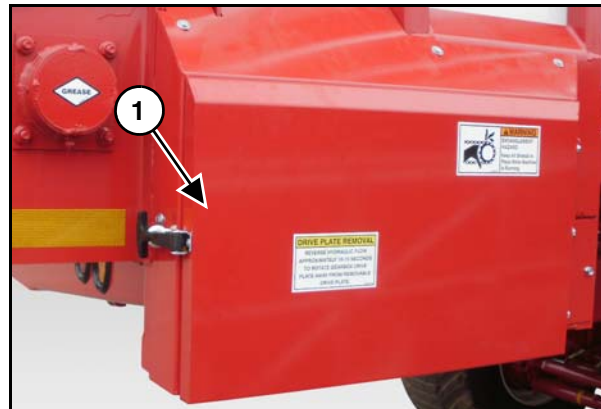
Slide the drive plate puller (Item 1) around the tabs (Item 2) welded on the drive plate coupler.

Align the threaded rod with the center of the drive shaft.

Rotate the handle of the drive plate puller clockwise until the drive plate coupler is free from the front drive shaft.

Remove the drive plate coupler.

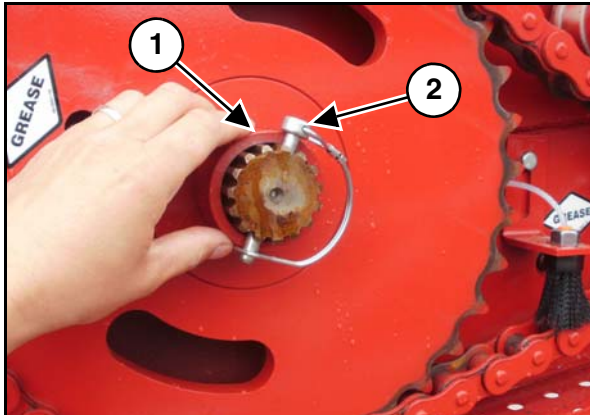
STEP 4



Unlatch and open the rear drive shield (Item 1) (located on the right rear side of the box).

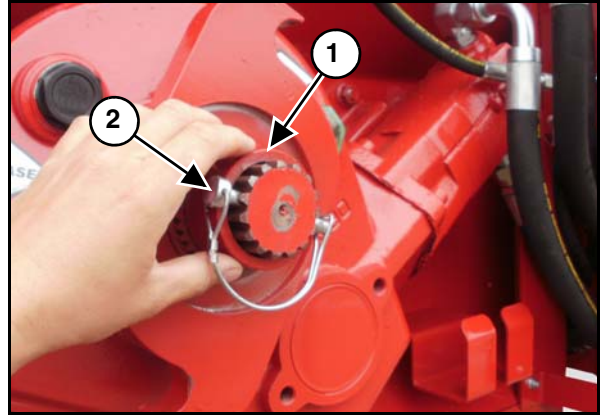
Continue the following steps to remove and install the drive plate coupler for rear unloading;

STEP 5



Remove the retaining pin (Item 1) and spacer (Item 2) from the rear drive shaft.

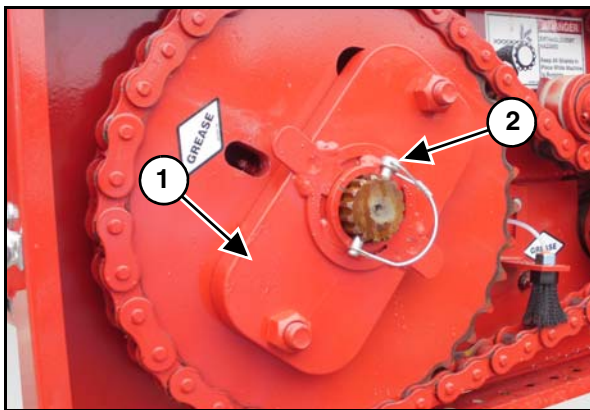
STEP 6



Install the spacer (Item 1) and retaining pin (Item 2) removed from the rear drive shaft onto the front drive shaft.

Place the drive plate puller into the storage position, close and secure the front drive shield.

STEP 7



Align and install the drive plate coupler (Item 1) onto the front drive shaft.

Install the retaining pin (Item 2) through the front shaft.

Close and secure the rear drive shield.

CAUTION

Do not operate without all guards, shields and covers closed and securely fastened. Failure to heed may result in serious personal injury or death.

NOTE: Always install the drive plate coupler with heads of the two bolts on the inside.

NOTE: Verify that the bolt heads are inserted into the slots in the rear drive sprocket.

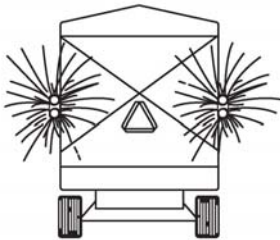
(See 7.3 REAR UNLOADING on page 36.) for front unloading procedure.

! 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 tow 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.

6.9.1 Safety Chain

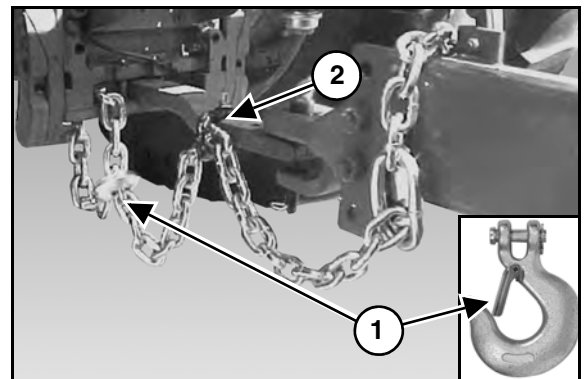
WARNING

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.

6.9.2 Brake Information

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

6.9.3 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

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.

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

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.

CAUTION

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 113.)

CAUTION

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
8222	50,000
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.
Source: SAE D384.2	

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 unneccessary 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.

Install the drive plate coupler onto the front drive shaft. (See 6.7 FRONT UNLOADING SET-UP on page 26.)

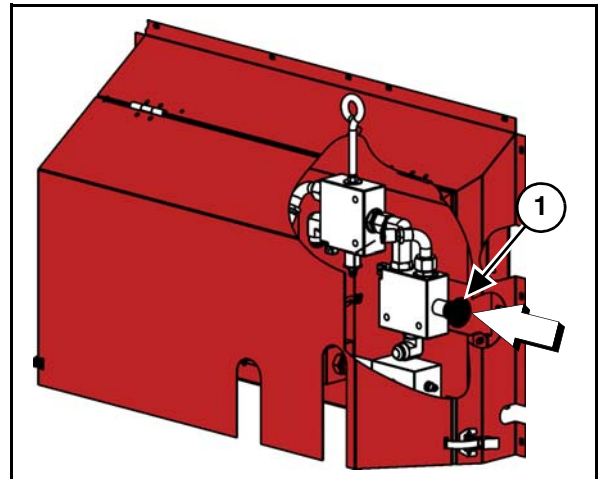
Push the selector valve (Item 1) in for front unloading.

Enter the tractor / truck, start the engine, release the parking brake.

Move the tractor / truck and forage box to the unloading area, or the silo blower. If the forage box is equipped with a fold down conveyor extension, it can be lowered before pulling in front of the blower.

NOTE: Normal operation is using a tractor. If using some other vehicle, exercise equivalent caution when parking and exiting this vehicle.

Place all tractor / truck controls in neutral, engage the parking brake.



Place all control box switches in the OFF position.

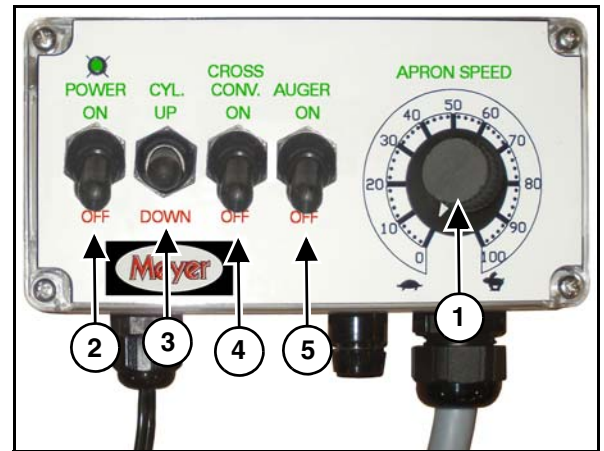
Place the CYL. switch (if equipped) in the center position.

Turn the APRON SPEED dial (Item 1) to ZERO.

Engage the tractor / truck hydraulics.

STANDARD CONTROL (PRIOR TO SN 16T9204) (EXCLUDING 16T9201): Turn the POWER switch (Item 2) ON.

Cab Control Selector Valve Option (PRIOR TO SN 16T9204) (EXCLUDING 16T9201): Turn the SELECTOR switch (Item 7) to energize front or rear unloading operation.



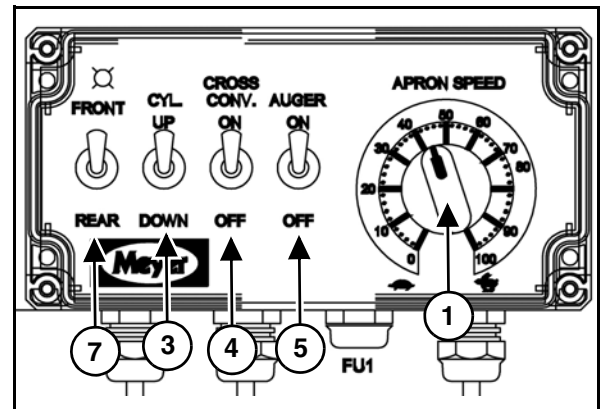
**STANDARD CONTROL
(PRIOR TO SN 16T9204) (EXCLUDING 16T9201)**

CONTROL (SN 16T9204 & LATER) (INCLUDING 16T9201): Position the SELECTOR switch (Item 6) to the desired front or rear unload function. Turn the POWER switch (Item 2) ON.

Place the CYL. switch (Item 3) (if equipped) in the DOWN position and fully extend the cross conveyor extension cylinder.

NOTE: Leave the CYL. switch (if equipped) in the DOWN position while unloading with the cross conveyor.

Turn the CROSS CONV. switch (Item 4) ON, to unload material with the cross conveyor. A slight delay may occur.



**CAB CONTROL SELECTOR VALVE CONTROL
(PRIOR TO SN 16T9204) (EXCLUDING 16T9201)**

STANDARD CONTROL & Cab Control Selector Valve Option (PRIOR TO SN 16T9204) (EXCLUDING 16T9201): Jog the AUGER switch (Item 5) ON and OFF, to free material around the augers. With augers free, leave the switch in the ON position.

CONTROL (SN 16T9204 & LATER) (INCLUDING 16T9201): Turn the AUGER switch (Item 5) ON, to free material around the augers. The augers should start slowly and then pick up to full speed

Increase the apron speed to bring the load forward at the desired rate.

As the amount of material lessens, increase the apron speed as desired until unloading is complete.

Turn the Apron Speed Dial (Item 1) back to Zero.

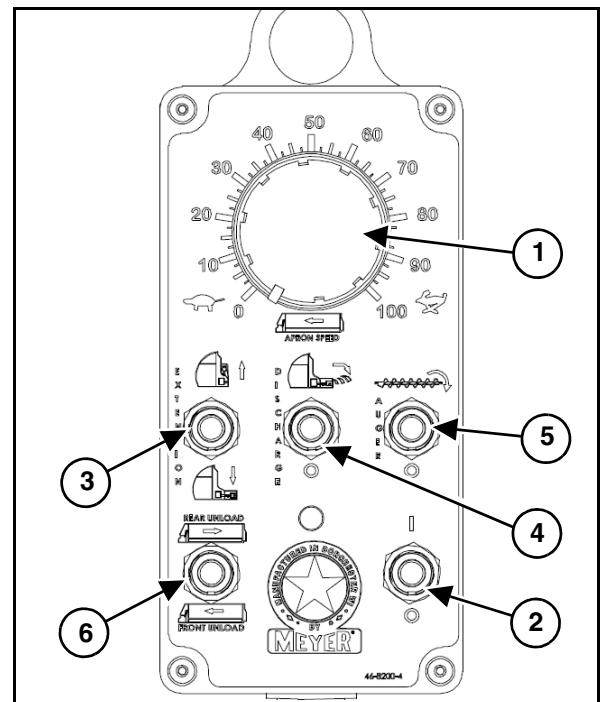
Turn the AUGER switch (Item 5) OFF, then turn the CROSS CONV. switch (Item 4) OFF.

Place the CYL. switch (Item 3) (if equipped) in the UP position and fully retract the cross conveyor extension cylinder.

With the cross conveyor extension cylinder fully retracted, place the CYL. switch (Item 3) (if equipped) in the center position.

Turn off the power switch (Item 2) or selector switch (Item 7) to the control box.

Disengage the tractor / truck hydraulics.



CONTROL (SN 16T9204 & LATER) (INCLUDING 16T9201)

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.

Install the drive plate coupler onto the rear drive shaft. (See 6.8 REAR UNLOADING SET-UP on page 28.)

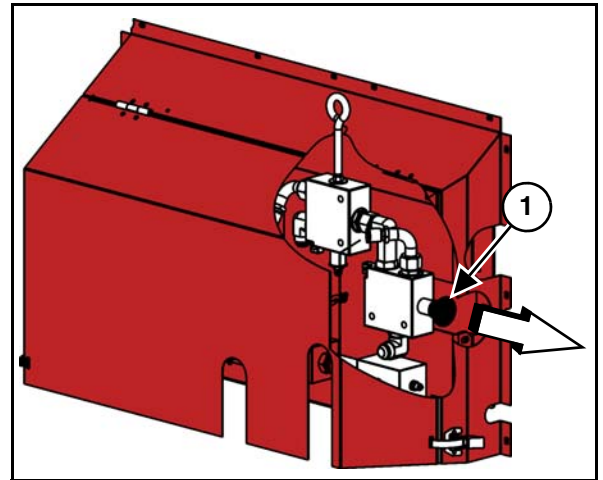
Pull the selector valve (Item 1) out for rear unloading.

Enter the tractor / truck, start the engine, release the parking brake.

Move the tractor / truck and forage box to the unloading area.

Place all tractor / truck controls in neutral, engage the parking brake and SLOWLY engage the apron chains to open the rear door.

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 latched.



NOTE: Do not operate above the rated 1200 rpm engine speed.

When finished unloading, reduce engine speed to idle and disengage the 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 two outside and two center door latches to engage the apron chain links 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 60 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.)

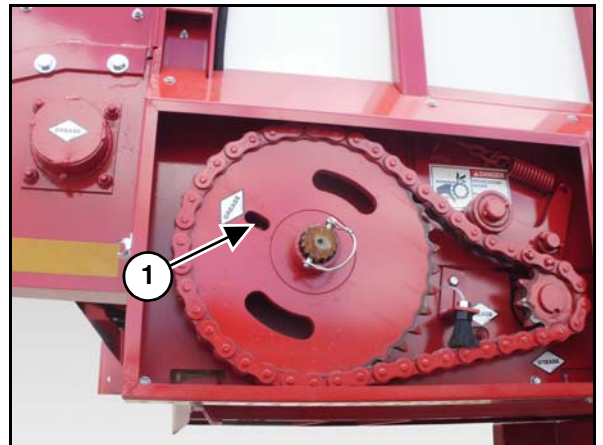
IMPORTANT

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.

DAILY or every 10-20 loads:

NOTE: Always use a good quality lithium base grease when lubricating the forage box.

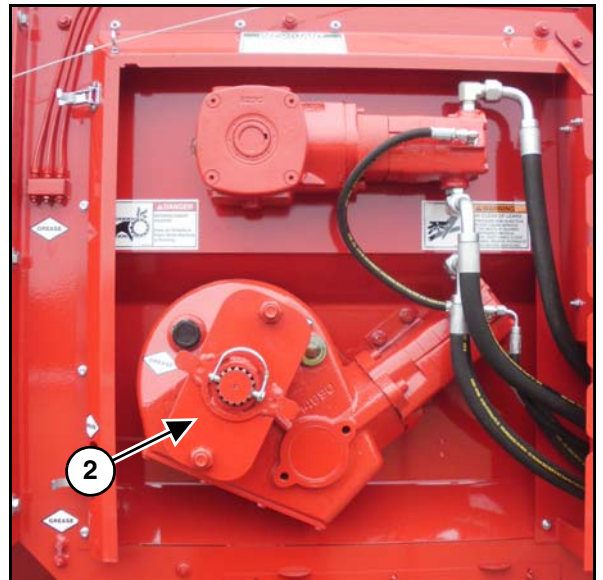
- Grease the rear drive sprocket (Item 1).
- Grease the front gearbox output shaft zerker (Item 2) located behind the coupling plate.
- Fill auto oiler (Item 3) for rear drive chains.



Rear Drive Compartment Area



Forage Box Side



Front Drive Compartment Area

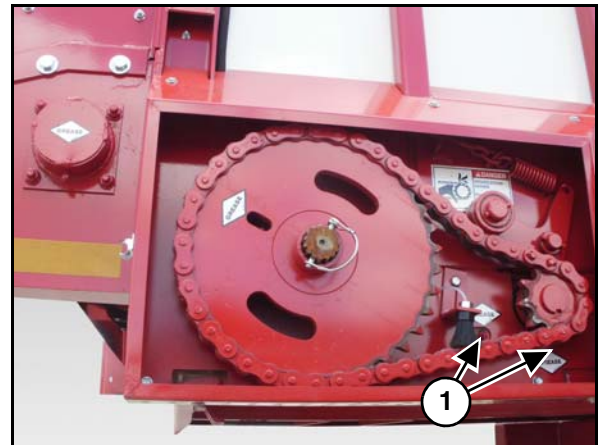
Every 100-150 loads:

- Grease the four gearbox shaft and jack shaft pillow block bearings (Items 1 & 2).
- Grease the six auger bearings (Item 3).

NOTE: 4th Auger Option will have eight auger bearings to grease.

- Oil two roller chains (Item 4) on the auger drive.

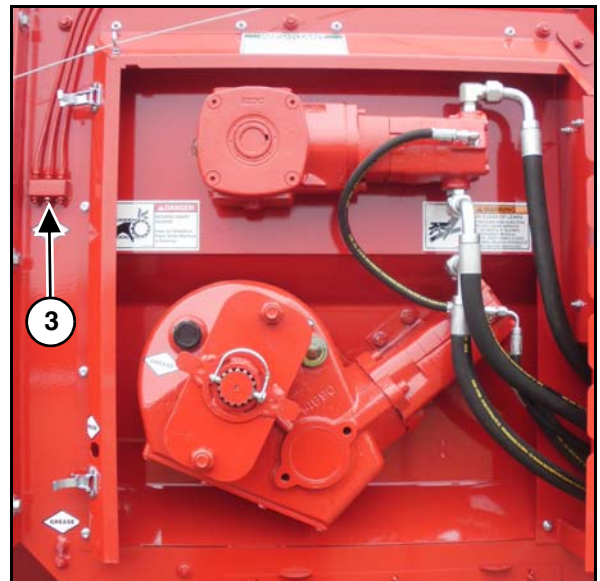
NOTE: 4th Auger Option will have four roller chains to lubricate.



Rear Drive Compartment Area

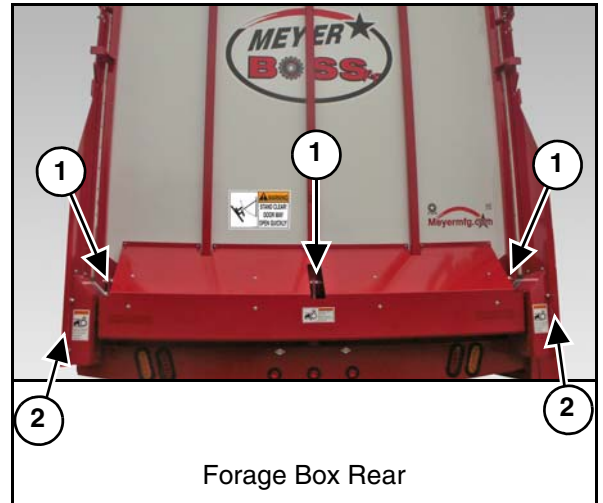


Forage Box Left Side

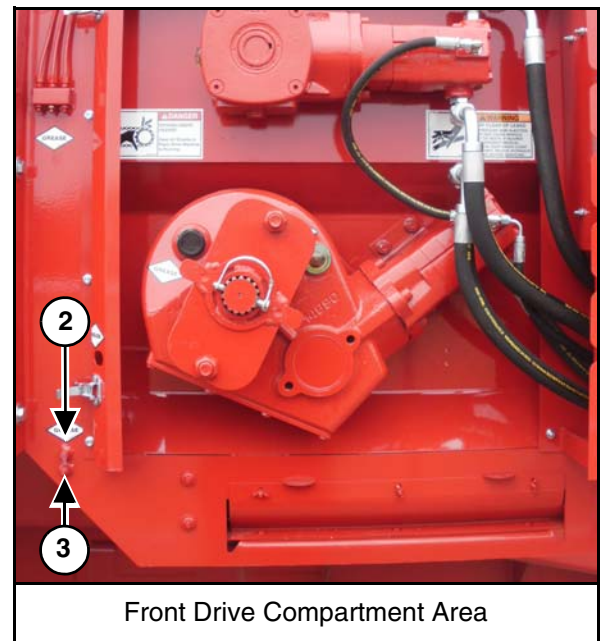
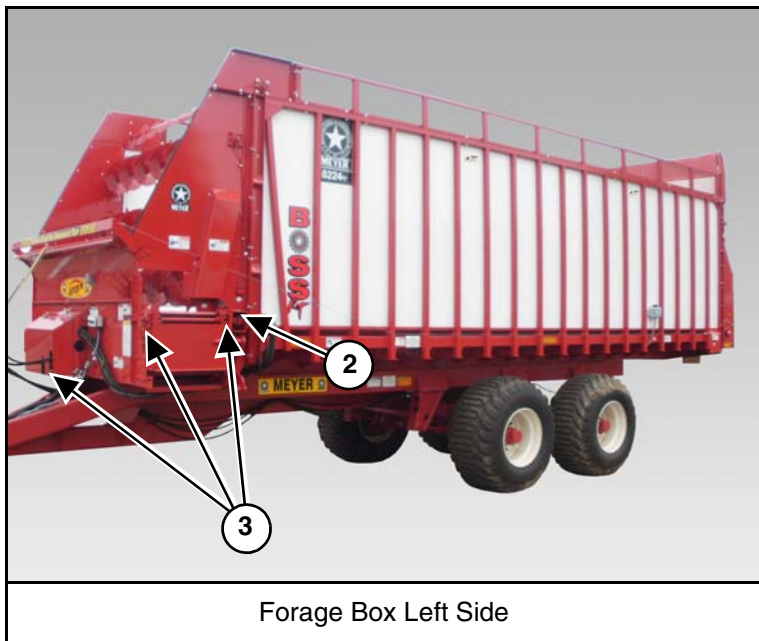


Front Drive Compartment Area

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



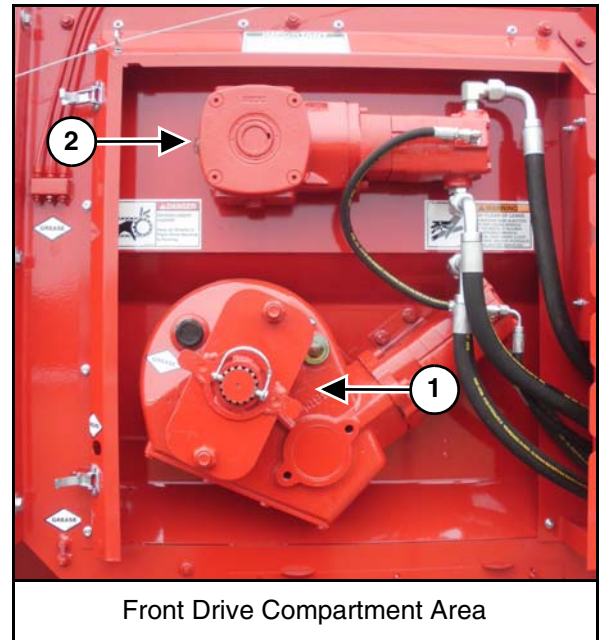
- Grease the four cross apron bearings (Item 3).



- Using the visual indicator on the front apron drive gearbox (Item 1) and auger drive gearbox (Item 2), 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.).

NOTE: Change oil in the gear box after the first season of use and yearly thereafter.



Front Drive Compartment Area

Remove the plug from the rear drive gearbox (Item 1). Gear lube level should be at the bottom of the plug hole and flowing out. Add EP 80-90 gear lube as needed (Lighter oil may be used in temperatures lower than 20° F.).

NOTE: Change oil in the gear box after the first season of use and yearly thereafter.

Equivalent Viscosity of ISO-VG Grades at 104°F and SAE Gear Lube Grades

ISO-VG Grade	SAE Gear Lube Grade
46	75W
100	80W-90
220	90
460	85W-140
1500	250



Rear Drive Gearbox (Between frame rails)

8.2 AUTOMATIC CHAIN OILER

The automatic chain oiler (Item 1) is designed to apply oil to all rear drive roller chains every time the rear unload is powered.

NOTE: The automatic chain oiler does not use any oil from the main hydraulic system.



8.2.1 Checking Oil Level



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

Check the oil level in the reservoir tank. If the reservoir tank is dry, pour about a 1/2 cup of clean 30 weight oil into the tank. Allow time for the oil to run down into the oiler pump slowly and allow air to escape. After thirty minutes to one hour, finish filling the reservoir tank. Verify that all fittings and brackets are tight when finished filling the tank.

With forage box empty, start the truck / tractor and engage the hydraulics. Power on and off the rear unload operation several times to cycle the hydraulic cylinder leading to the oiler pump.

Continue cycling the rear unload operation until oil can be seen in all oil lines leading to the oiler brushes. (If you experience problems priming the oiler pump, you may need to bleed air out of the hydraulic hose where it is connected to the pump. Crack the fitting until oil comes out, and then re-tighten.)

NOTE: The hydraulic system that the oiler pump is tied into is double acting and must reach 300 PSI of pressure to actuate the pump.

8.2.2 Replacing Oiler Brushes

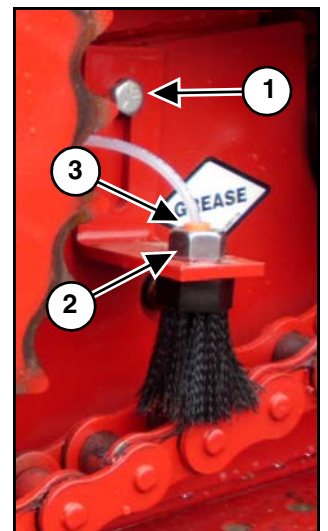
NOTE: When replacing oiler brushes, use standard 1/2"-20 nuts (Item 2).

Place brush holders over the top of the roller chains.

Loosen bolt (Item 1), adjust brush holders up or down until oiler brushes are pushed into the roller chain approximately 1/2". Carefully tighten the 1/2"-20 nuts (Item 2) on the oiler brushes. DO NOT over tighten as damage to the brush will occur.

8.2.3 Replacing Oiler Tubing

Push and hold the red plastic ring (Item 3) down, then pull / remove 5/32" oil line tubing from the oiler brush.



8.2.3 Adjusting Oiler Pump

The oiler pump is set at the factory to deliver the maximum amount of oil per cycle.

If less oil is desired, loosen the jam nut on the bottom of the pump and screw in the adjusting shaft 1/4" or approximately five (5) turns.

NOTE: It is not recommended to screw the shaft into the bottom of the oiler pump more than 15 turns as this may not allow for proper lubrication of the roller chains.

NOTE: Always use new 30 weight oil. In cold weather, use a SAE 10 or a mixture of two parts 30 weight oil to one part diesel fuel.

8.3 ADJUSTMENTS

8.3.1 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.

8.3.2 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.

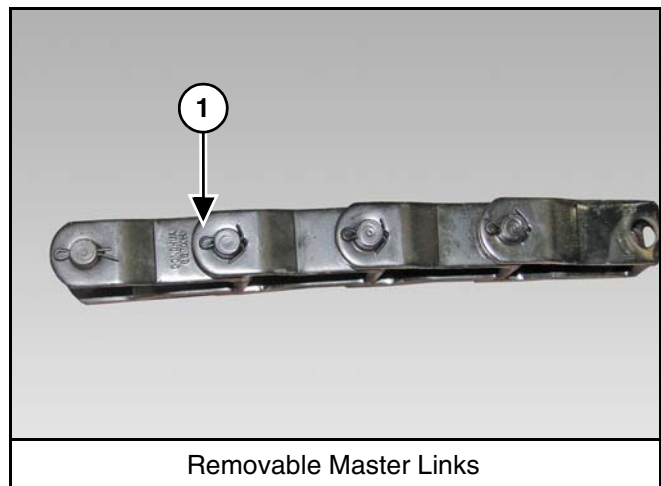
IMPORTANT

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).

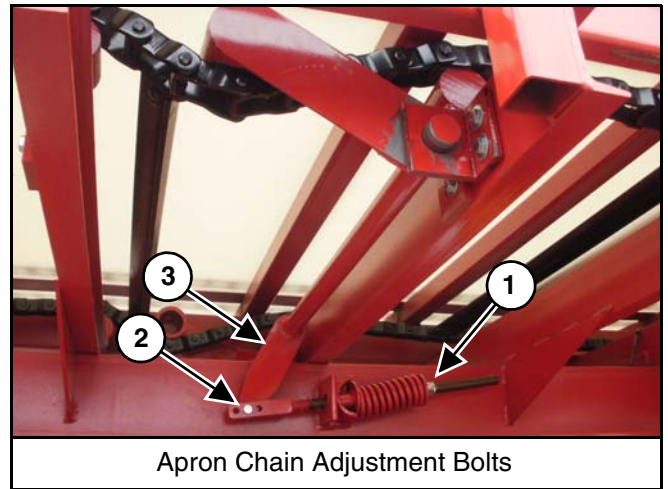


To tighten the main aprons, tighten the tensioner rod (Item 1) on the spring loaded tensioners. Tighten to 5-1/2" compressed length.

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).

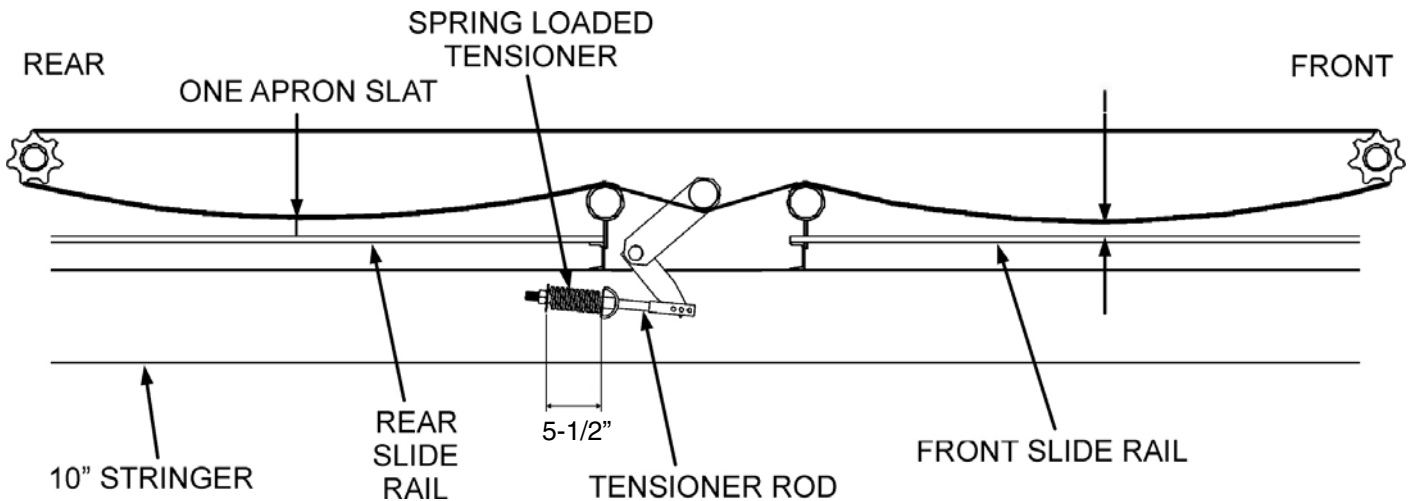


After repeated regular tightening of the main apron chain assemblies and when the return main apron slats begin to "bottom-out" onto the top of the channel iron of the steel frame stringers, remove equal number of links from each apron chain assembly. Readjust the spring loaded tensioner for **correct**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

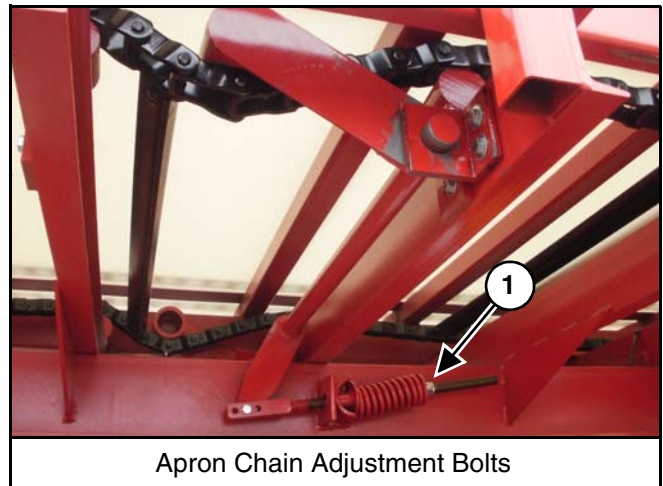
8.3.3 8200 Main Apron Chains



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.

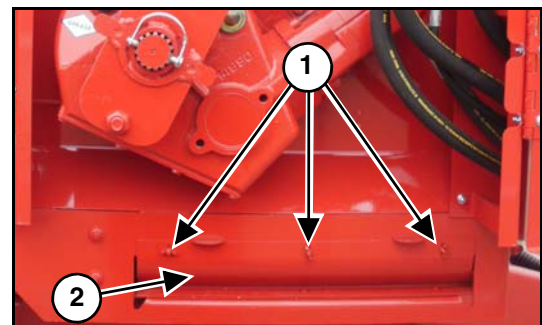


8.4 CLEAN-OUT PANEL

IMPORTANT

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

Remove the three (3) wing nuts (Item 1) and remove the clean-out panel. There are two cleanout panels under the unit for cross apron clean out.



8.5 STORING THE FORAGE BOX

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

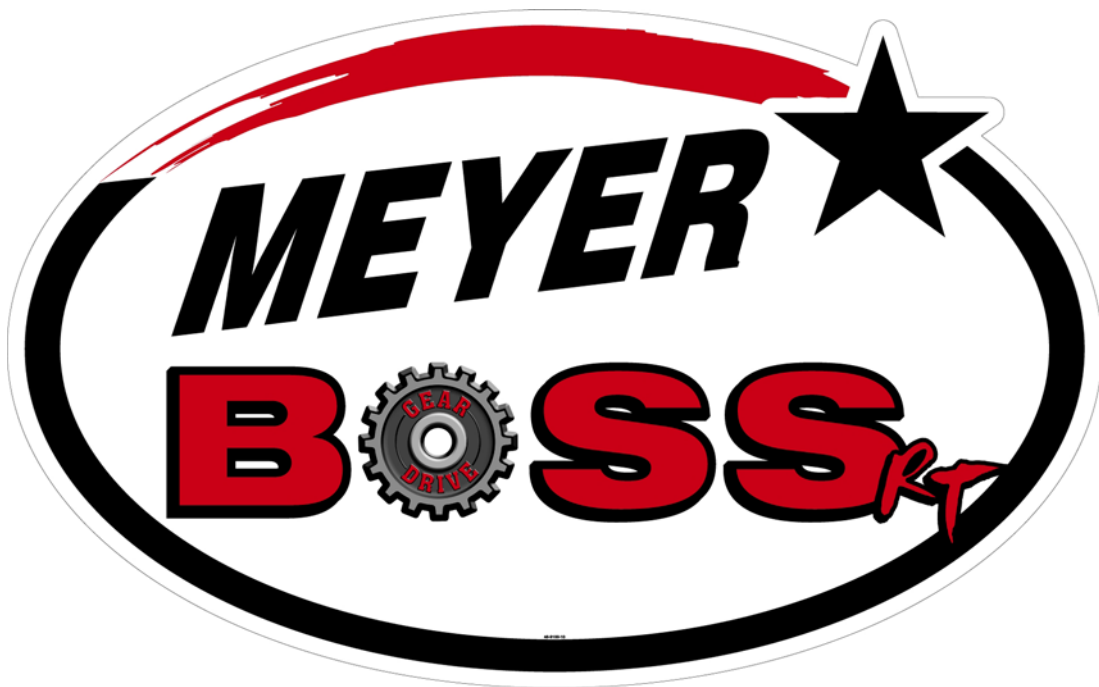
Sometimes it may be necessary to store your Meyer forage box for an extended period of time. Below is a list of items to perform before storage.

- Fully empty the forage from the box. (See 7.0 OPERATION on page 33.)
- 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 39.)
- 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 8.3 ADJUSTMENTS on page 44.)
- 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.

8.6 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



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.



Inspect the chassis' axles, o-beams, spindles, tires, hitches & all safety shielding, safety signs and safety lighting regularly. These parts if not watched closely, may 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.

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.

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**.

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.

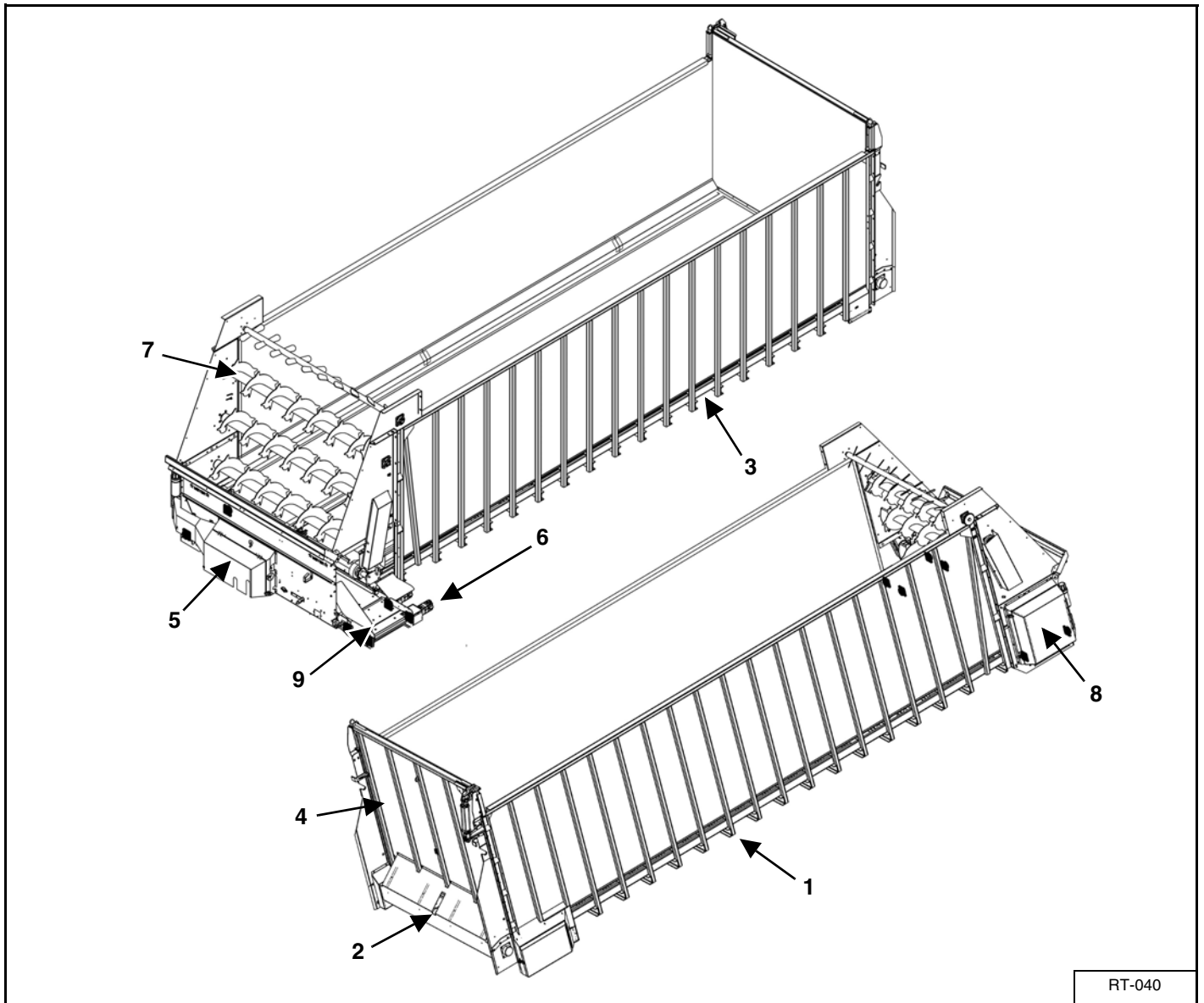


- The use of hoists and/or supports may be needed to handle heavy components.
- If the implement is being repaired in the field, make sure the parking brake of the tractor is engaged, the implement is on solid and level ground.
- Welding and torching should be done by properly trained individuals who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

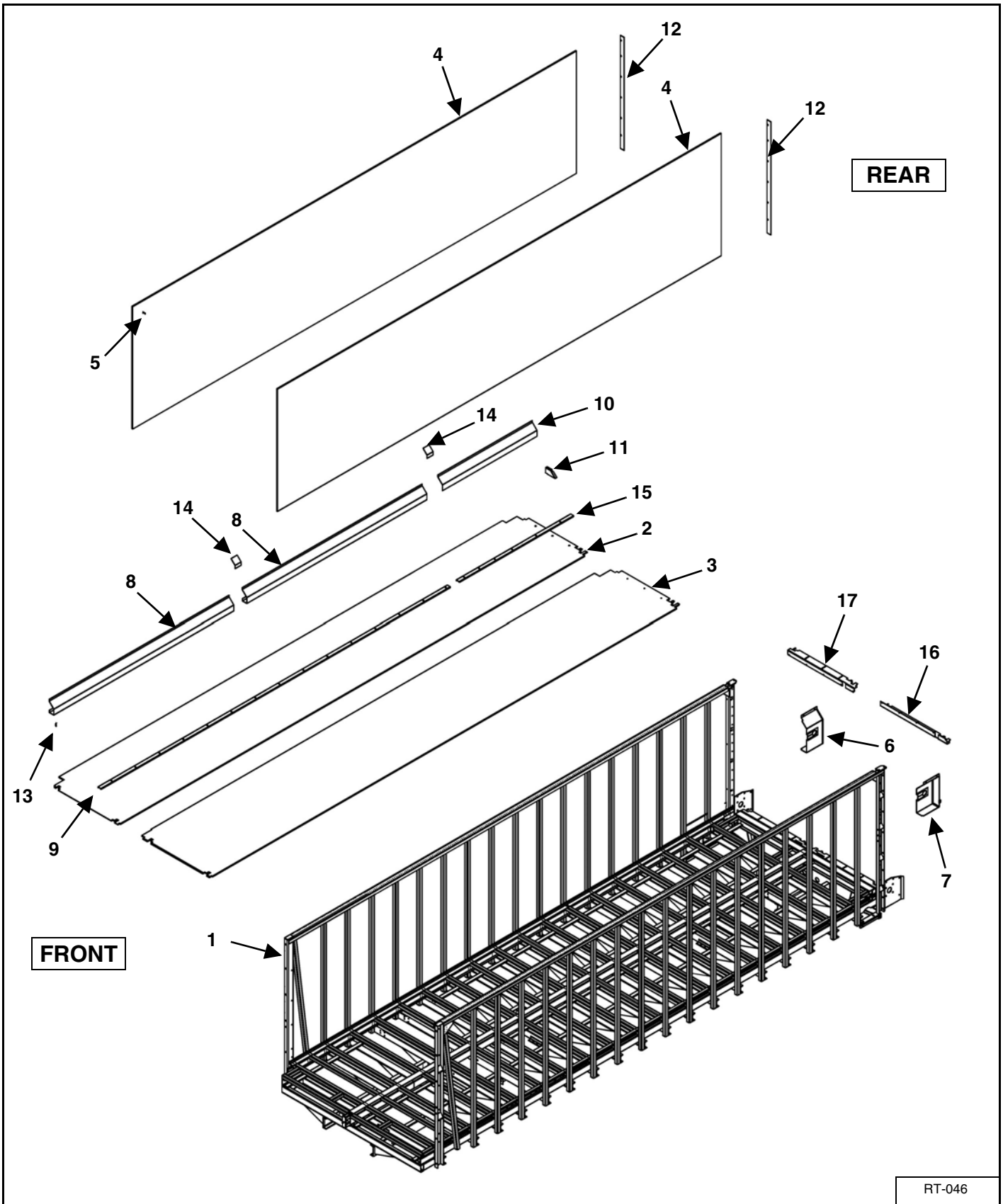
NOTE: Be environmentally friendly and dispose of any waste materials properly. Recycle when appropriate.



RT-040

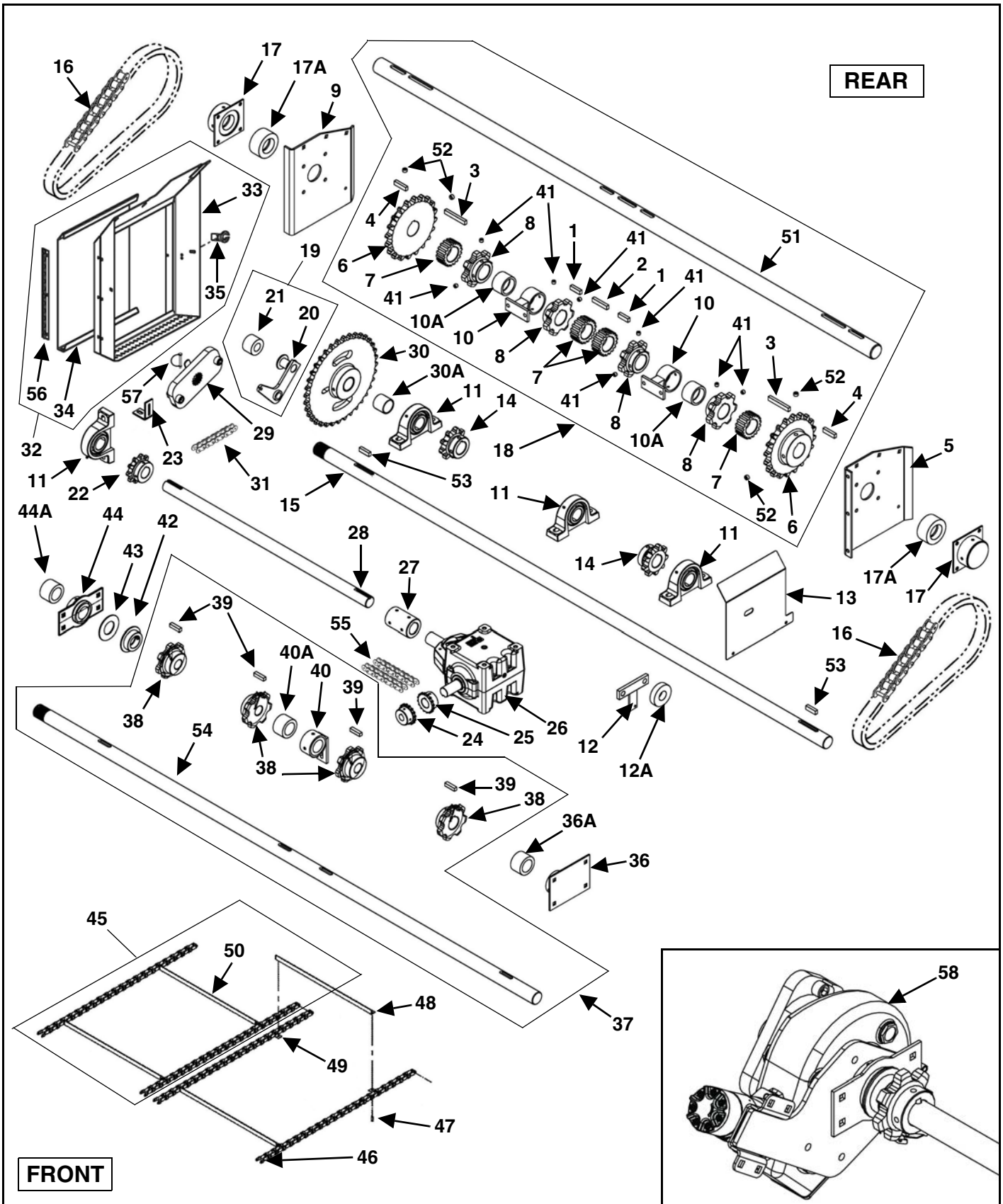
KEY	DESCRIPTION	PAGE #
1	Main Body	52
2	Main Apron Drive	54
3	Main Apron Tightener	58
4	Rear Gate	60
5	Unit Frame	62
6	Cross Apron (T900)	70
7	Auger Drive (T900)	72
8	Front Main Apron Gearbox	96
9	Cross Conveyor Extension (T900)	108
NS	Hydraulic System	74

MAIN BODY



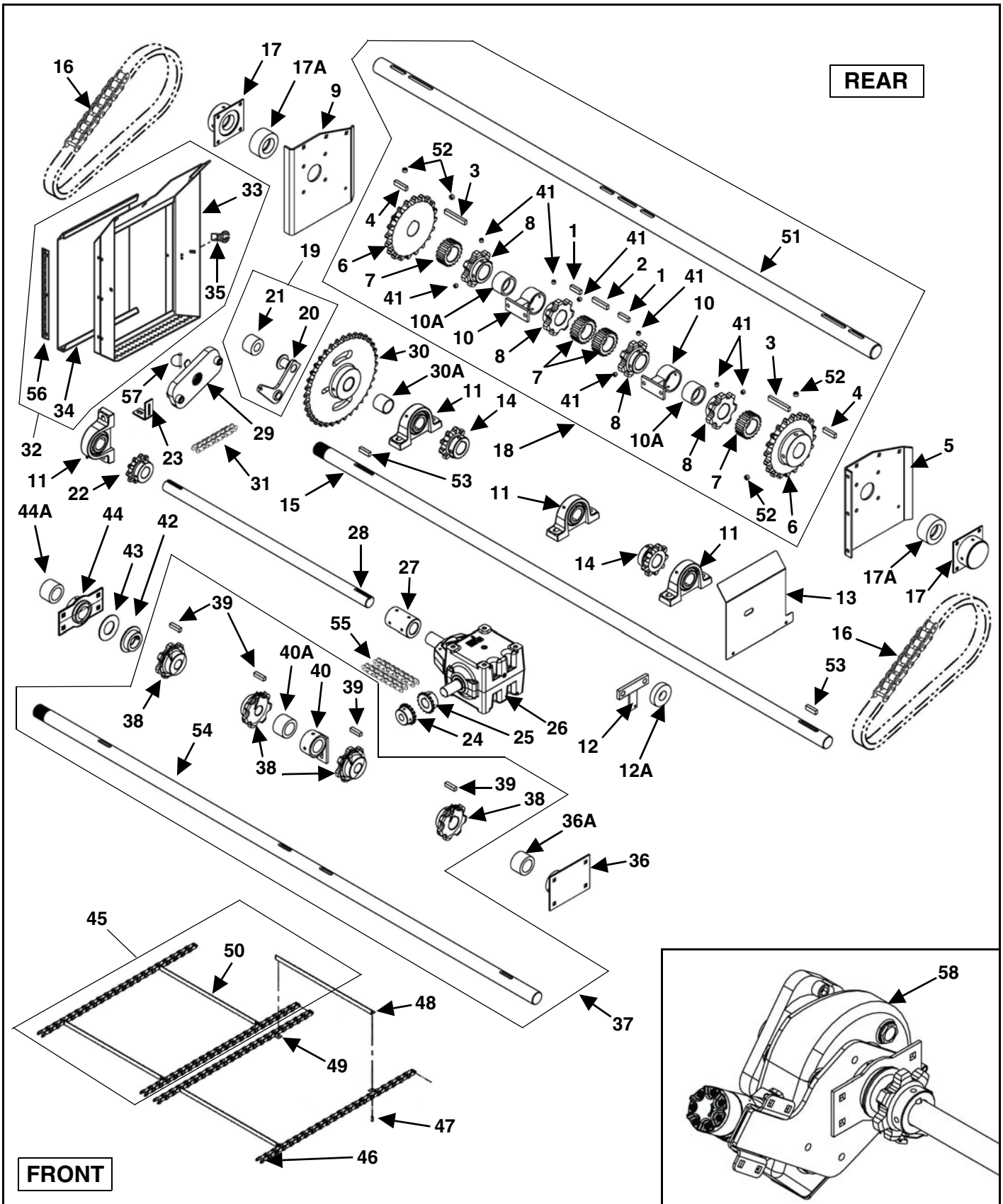
KEY	PART NUMBER	QTY	DESCRIPTION
1	100-8206-1	1	8222 Main Frame And Side Assembly
	100-8201-1	1	8224 Main Frame And Side Assembly
	100-8207-1	1	8226 Main Frame And Side Assembly
2	100-8206-5	1	8222 Right Side Floor Assembly
	100-8224-10	1	8224 Right Side Floor Assembly
	100-8207-5	1	8226 Right Side Floor Assembly
	802T-318-3SS	8	5/16"-18 x 3" Truss Head Stainless Front Hardware (Prior to SN 16T9204)
	802T-318-1.25SS	8	5/16"-18 x 1-1/4" Truss Head Stainless Front Hardware (SN 16T9204 & Later)
	802T-318-1.25SS	3	5/16"-18 x 1-1/4" Truss Head Stainless Rear Hardware
	814-3118-Z	11	5/16"-18 Indented Lock Nut
805-0031-Z	3	5/16" Flat Washer	
3	100-8206-6	1	8222 Left Side Floor Assembly
	100-8224-11	1	8224 Left Side Floor Assembly
	100-8207-6	1	8226 Left Side Floor Assembly
	802T-318-3SS	8	5/16"-18 x 3" Truss Head Stainless Front Hardware (Prior to SN 16T9204)
	802T-318-1.25SS	8	5/16"-18 x 1-1/4" Truss Head Stainless Front Hardware (SN 16T9204 & Later)
	802T-318-1.25SS	3	5/16"-18 x 1-1/4" Truss Head Stainless Rear Hardware
	814-3118-Z	11	5/16"-18 Indented Lock Nut
	805-0031-Z	3	5/16" Flat Washer
4	708-70.75-264	2	8222 Fiberglass Woven Side Panel 70.75 x 264"
	708-70.75-296	2	8224 Fiberglass Woven Side Panel 70.75 x 296"
	708-70.75-312	2	8226 Fiberglass Woven Side Panel 70.75 x 312"
	33-1008	AR	Plywood Tee Molding (By the Foot)
5	829-14-1.88	AR	1/4-14 x 1-7/8" Self Tapping Screw
6	100-8201-13	1	Right Hand Drive Sprocket Shield
7	100-8201-12	1	Left Hand Drive Sprocket Shield
8	100-8206-8	2	8222 Left / Right Front Side Floor Cap
	100-8201-10	2/4/4	8222/8224/8226 Left / Right Center Side Floor Cap
9	100-8200-50	1	Rear Floor Holdown Channel 233"
10	100-8201-6	2/2	8222/8224 Left / Right Rear Side Floor Cap
	100-8207-7	2	8226 Left / Right Rear Side Floor Cap
11	100-8201-17	1	Left Front Floor End Cap Assembly
12	100-8080-8-2	2	Fiberglass Side Panel End Cap
13	802T-3118-3SS	AR	5/16"-18 x 3" Truss Head Stainless Steel Machine Screw
14	25-8143-1	4	Side Guide Splice
15	100-8206-7	1	8222 Front Floor Holdown Channel 44-1/4"
	100-8224-8	1	8224 Front Floor Holdown Channel 76-1/4"
	100-8207-9	1	8226 Front Floor Holdown Channel 92-1/4"
16	100-8200-40	1	Left Rear Floor Support (Welded on)
17	100-8200-39	1	Right Rear Floor Support (Welded on)

MAIN APRON DRIVE



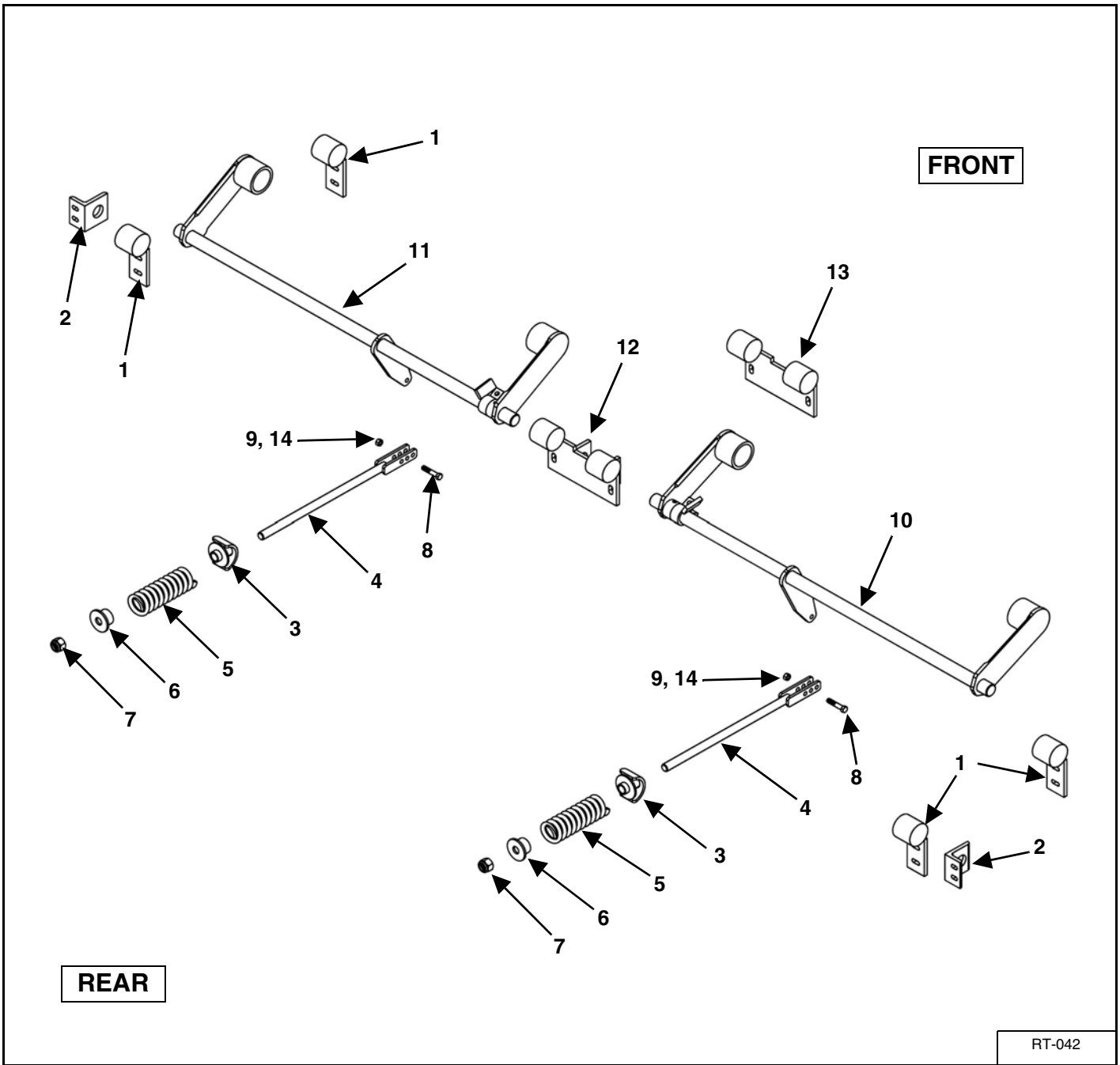
KEY	PART NUMBER	QTY	DESCRIPTION
1	35-0034	2	5/8" x 7/16" x 2" 1045 Key (Prior to SN 16T9204)
	135-6363-2-1	2	5/8" x 5/8" x 2" 1045 Key (SN 16T9204 & Later)
2	35-0035	1	5/8" x 7/16" x 3" 1045 Key (Prior to SN 16T9204)
	135-6363-3-1	1	5/8" x 5/8" x 3" 1045 Key (SN 16T9204 & Later)
3	35-0036	2	5/8" x 7/16" x 4-3/16" 1045 Key (Prior to SN 16T9204)
	135-6363-4.19-1	2	5/8" x 5/8" x 4-3/16" 1045 Key (SN 16T9204 & Later)
4	35-0037	2	5/8" x 7/16" x 2-3/8" 1045 Key (Prior to SN 16T9204)
	135-6363-2.38-1	2	5/8" x 5/8" x 2-3/8" 1045 Key (SN 16T9204 & Later)
5	100-8201-2-2-2	1	Left Rear Bearing Plate (Welded on)
6	110-120B20-2.38-1	2	120B20 Sprocket 2-3/8" Bore
7	100-8200-27-1	4	Door Latch Sprocket
8	110-667B7-2.38-1	4	667B7 Sprocket 2.375" Bore
9	100-8201-2-1-4	1	Right Rear Bearing Plate
10	100-8200-27-2-S	2	Rear Main Apron Bearing Mount Assembly - Including Bearing
10A	100-8200-27-2-2-S	2	Rear Main Apron Bearing Only
11	14-0044	4	2" Pillow Block Bearing
12	25-8007	1	Chain Tightner Assembly
12A	912-0016-1	1	7/8" Nylon Roller Bearing Only
13	100-8201-14	1	Rear Lefthand Side Shield
14	10-0085	2	120B9 2" Bore Sprocket
15	23-0203	1	Rear Interm Shaft
16	111-0120-36	2	#120 36 Link Roller Chain
17	614-0006	2	Rear Apron Outer Bearing Assemblies
17A	614-0006-1	2	Rear Apron Outer Bearing Only
18	100-8201-5	1	Main Apron Drive Shaft Assembly
19	100-8200-47	1	Side Sprocket Tightener Assembly
20	100-8200-47-5	1	Tightener Arm Weldment
21	100-8200-47-2	1	Tightener Nylon Roller
22	110-100B10-1.75-1	1	100B10 Sprocket 1.75" Bore
23	952-0001-2	1	Oil Brush Holder
24	37-0013-1	1	50B16 Chain Coupling Sprocket 1" Bore
25	37-0021-1	1	50B16 Chain Coupling Sprocket 1-1/2" Bore
26	19-0036	1	R600 Gearbox
27	937-0005-OS	1	4-1/2" Coupler 1-3/4" Bore
28	23-0204	1	Rear Gearbox Shaft
29	37-0022	1	Drive Plate Weldment
	823-0004	1	Snap Pin
	43-0025	1	Drive Plate Sleeve
30	110-100B36-2.25-1	1	2" Bore Sprocket
30A	13-0024	1	2" Bronze Bushing
31	111-0100-48	1	#100-48 Link Roller Chain
32	100-8201-16	1	Side Sprocket Door Frame Assembly Complete
33	100-8201-16-1	1	Side Sprocket Frame Assembly - W/T-Latch Catch
34	100-8200-51-2	1	Side Sprocket Door Assembly - W/T-Latch
35	32-0032	1	T-Latch
	32-0032-2	1	Rubber T-Latch W/End Piece Only
	32-0032-3	1	Rubber T-Latch Catch Only

MAIN APRON DRIVE CONTINUED



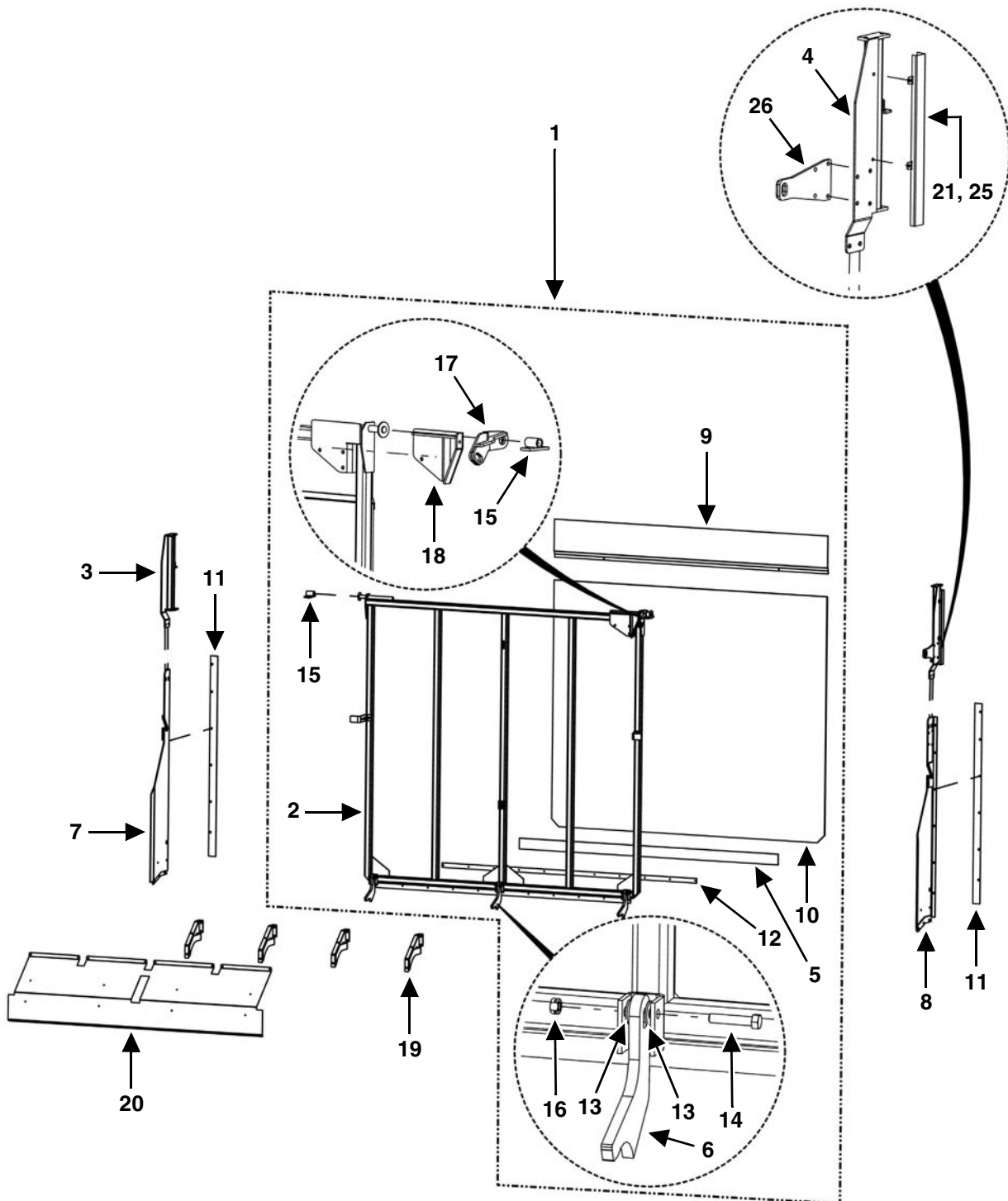
KEY	PART NUMBER	QTY	DESCRIPTION
36	14-0100	1	Front Main Drive Shaft Bearing Assembly
36A	14-0053-2	1	Front Main Drive Shaft Bearing Only
37	23-0214	1	Main Apron Drive Shaft Assembly
38	110-667B7-2.00-3	4	2" Bore Sprocket
39	35-0008	4	1/2" x 1/2" x 2" Square Key 1045
40	14-0104	1	Center Main Drive Bearing Assembly
40A	14-0053-2	1	Front Main Drive Shaft Bearing Only
41	827-5013-.5	8	1/2" x 1/2" Set Screw
42	25-6016	1	Front Drive Inner Washer Welded Assembly
43	933-3606	1	Bronze Washer
44	14-0103	1	Front Right Main Drive Shaft Bearing Assembly
44A	14-0053-2	1	Front Main Drive Shaft Bearing Only
45	11-0312	2	Main Apron Chain Assembly (8222) 667XH
	11-0313	2	Main Apron Chain Assembly (8224) 667XH
	11-0314	2	Main Apron Chain Assembly (8226) 667XH
46	11-0107-2-D	AR	Pintle Chain Link - D667XH W/2 D-Pins & Cotters
47	11-0107-6	AR	Rivet 7/16" x 1-1/8"
48	11-0171-1	AR	Slat 35-7/8" Long
49	11-0107-3-D	AR	Attachment Link-D667XH
50	11-0171	AR	667XH Slat W/Attachment Links
51	23-0208	1	Rear Main Drive Shaft
52	827-6311-.5	4	5/8" x 1/2" Set Screw
53	35-0024	2	1/2" x 1/2" x 2-1/2" 1045 Key
54	23-0202	1	Front Main Drive Shaft
55	37-0013-2	1	#50 Double 16 w/Connector
56	100-8200-51-3	1	Side Sprocket Cover Hinge
57	823-0004	1	Snap Pin
58	See Page 70	1	Main Apron Drive Gearbox

MAIN APRON TIGHTENER



KEY	PART NUMBER	QTY	DESCRIPTION
1	100-8200-55	4	Main Apron Chain Outside Lift Pipe Welded Assembly
2	25-0215	2	2-Way Tightener Mount Angle
3	25-6011	2	Tightener Bolt Rocking Sleeve Welded Assembly
4	25-6007	2	Main Apron Tightener Rod Welded Assembly
5	929-0002	2	Spring Material Guide
6	925-3841	2	Outer Spring Tightner Guide Assembly
7	815-7510-Z	2	3/4-10 Nylon Lock Nut
8	851-3816-2Z	2	3/8-16 X 2" Grade 5 Bolt
9	815-3816-Z	2	3/8-16 Nylon Lock Nut
10	100-8200-35-1	1	Right Main Apron Tightener Welded Assembly
11	100-8200-34-2	1	Left Main Apron Tightener Welded Assembly
12	100-8200-36	1	Main Apron Center Lift Pipe Assembly
13	100-8200-37	1	Main Apron Center Lift Pipe Assembly
14	805-0038-Z	2	3/8" Washer

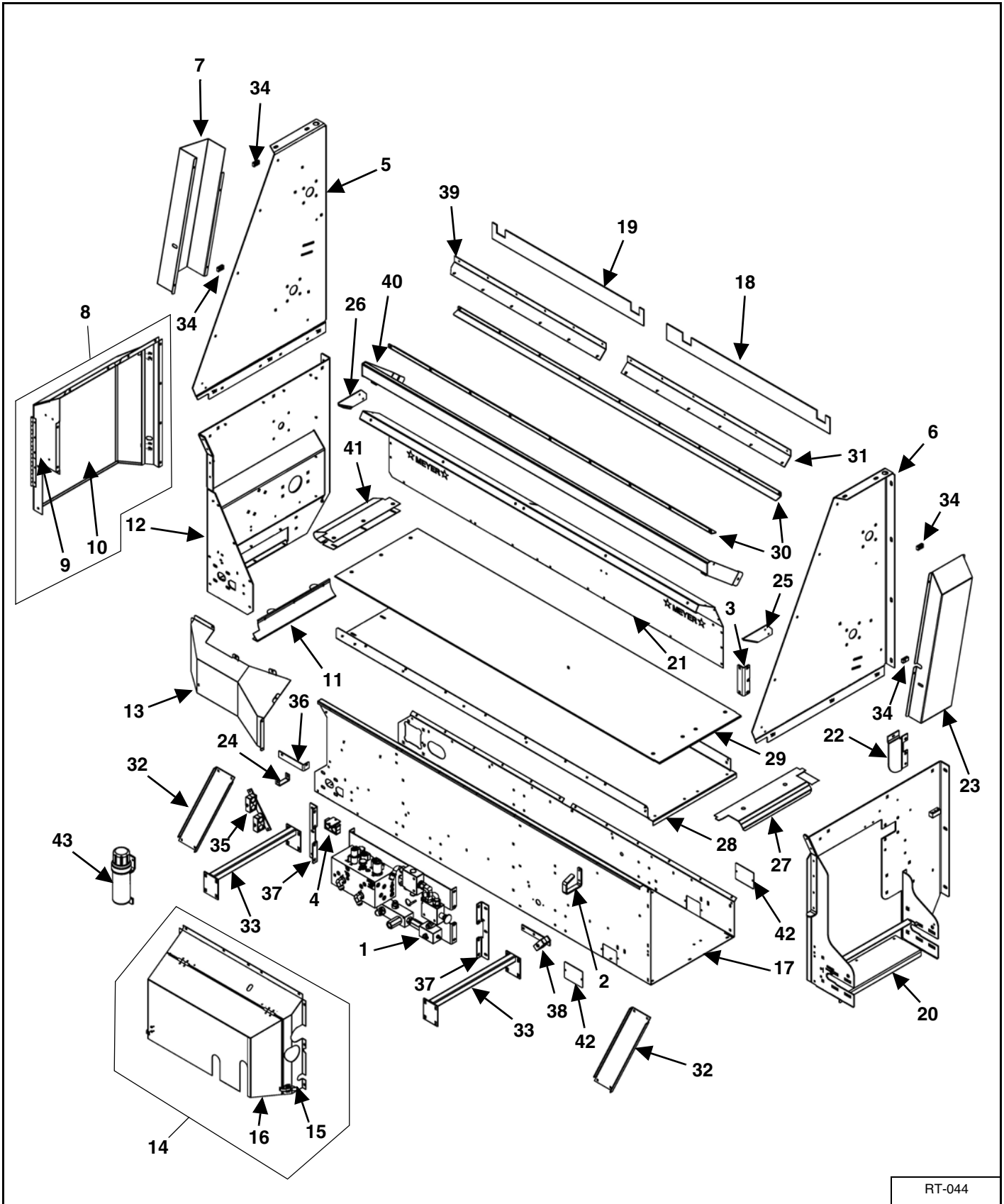
REAR GATE



8200 REAR GATE

KEY	PART NUMBER	QTY	DESCRIPTION
1	100-8200-70	1	Back Gate Assembly Complete Without Shield, 82-1/2"
	100-8200-53	1	High Back Gate Assembly Complete Without Shield, 94-1/2"
2	100-8200-70-1	1	Back Gate Welded Assembly, 82-1/2" W / Hinges
	100-8200-53-1	1	High Back Gate Welded Assembly, 94-1/2" W / Hinges
3	100-8080-30	1	Left Pivot Extension Assembly (Standard Gate)
	100-8080-23	1	Left Pivot Extension Assembly (High Gate)
4	100-8080-29	1	Right Pivot Extension Assembly (Standard Gate)
	100-8080-24	1	Right Pivot Extension Assembly (High Gate)
5	49-0203	1	Back Gate Belting
6	100-8200-53-3	3	Back Gate Latch
7	100-8201-8	1	Left Rear Mount Plate Weldment
8	100-8201-9	1	Right Rear Mount Plate Weldment
9	100-8200-53-7	1	High Gate Top Panel (High Gate Only)
10	100-8200-53-6	1	Rear Gate Fiberglass Woven Panel, 95-1/25" x 80-1/4" High Gate
	100-8200-70-2	1	Rear Gate Fiberglass Woven Panel, 95-1/2" x 79-13/16" Standard Gate
11	100-8080-8-2	2	8100 Clad Tuff End Cap
12	100-8200-53-4	1	Belting Attaching Strip
13	805-0050-Z	AR	1/2" Flat Washer
14	851-5013-2.5Z	3	1/2"-13 x 2-1/2" Hex Head Machine Bolt
15	100-8012-15	1	Back Gate Hinge Weldment
16	814-5013-Z	3	1/2"-13 Center Locknut
17	25-8452	1	RH Back Gate Hinge Weldment W/Shear Bolt (SN 13T9202 & Later)
18	25-8453	1	Top Gate Delay Shear Arm Weldment
19	25-0601	4	Rear Gate Shield Welded Brace
20	24-0250-1	1	Apron Chain Shield
21	24-8018	1	Gate Delay Hose Shield (Standard Gate)
	24-8017	1	Gate Delay Hose Shield (High Gate)
22	32-0033	4	1/2" Loom Clamp
23	851-2520-1Z	3	1/4" x 1" Bolt
24	65-0006-5	5	Tie Strap
25	810-2520-Z	3	1/4" Spin Lock Nut
	32-0049	1	5/8" Loom Clamp
	851-2520-.75Z	1	1/4"-20 x 3/4" Machine Bolt
	815-2520-Z	1	1/4"-20 Nylon Lock Nut
26	25-8451	1	Lower Gate Delay Mounting Bracket

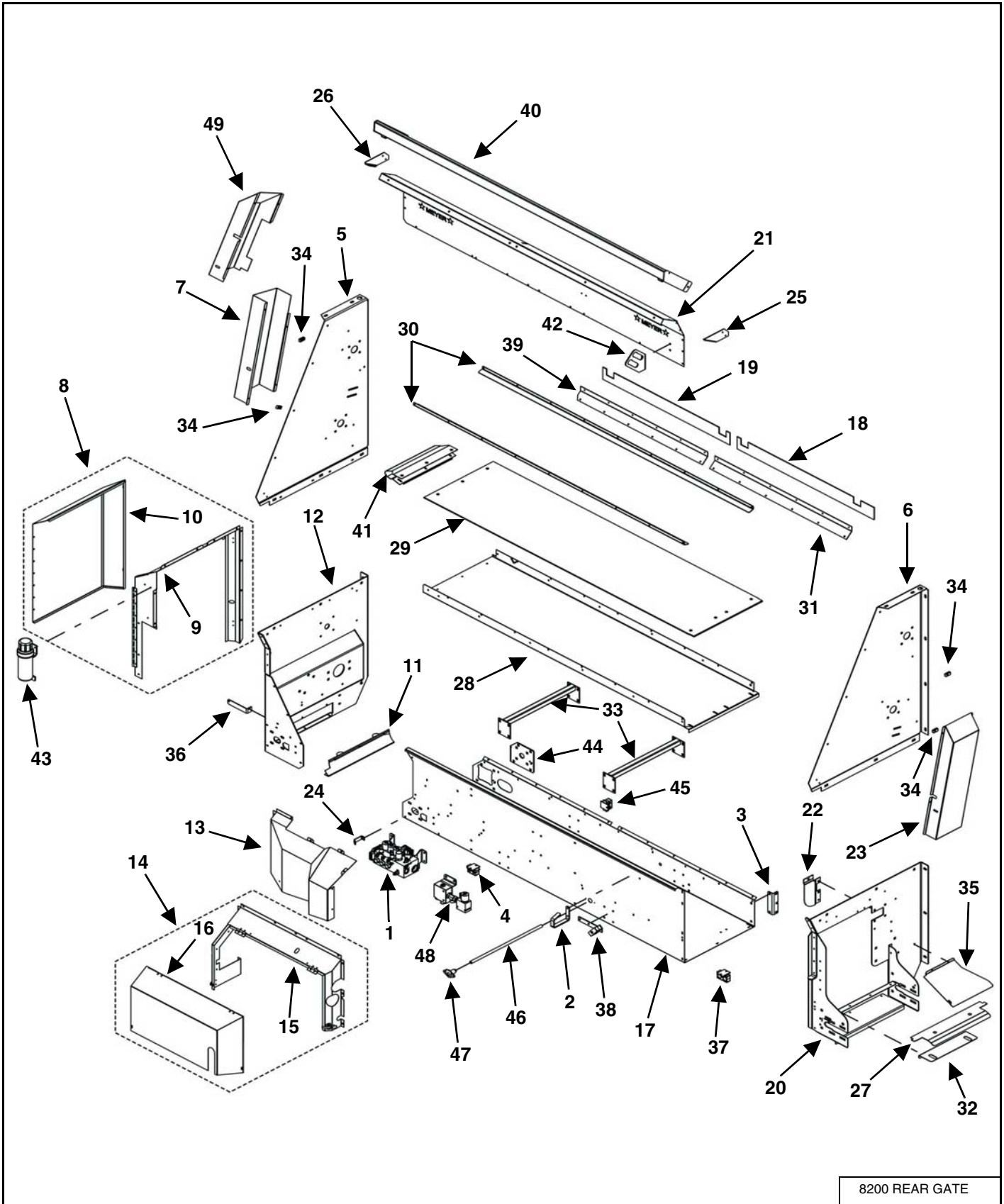
UNIT FRAME (PRIOR TO SN 16T9204)



RT-044

KEY	PART NUMBER	QTY	DESCRIPTION
1	25-0518	1	Hydraulic Manifold Mount Plate
2	25-0209	1	2-Way Hose Hanger
3	25-0512	1	Apron Pan Brace Lower
4	25-0521	1	Hydraulic Hose Clamp Weldment
5	27-0103-RH	1	Right Hand Auger Plate
6	27-0103-LH	1	Left Hand Auger Plate
7	24-0216	1	2nd / 3rd Auger Shield With Decal
8	24-0207	1	Gearbox Shield Assembly Complete (Prior to SN 14T9204)
	24-0219	1	Gearbox Shield Assembly Complete (SN 14T9204 & Later)
9	24-0207-1	1	Gearbox Shield Base Assembly (Prior to SN 14T9204)
	24-0219-1	1	Gearbox Shield Base Assembly (SN 14T9204 & Later)
10	24-0207-2	1	Gearbox Door Assembly (Prior to SN 14T9204)
	24-0219-2	1	Gearbox Door Assembly (SN 14T9204 & Later)
11	27-0107	1	Cleanout Door
12	39-0101	1	Right Hand End Frame Assembly
13	24-0206	1	Hose Shield Assembly (Prior to SN 14T9204)
	24-0218	1	Hose Shield Assembly (SN 14T9204 & Later)
14	24-0205	1	Hydraulic Manifold Shield Assembly Complete
15	24-0205-1	1	Hydraulic Manifold Shield Base Assembly
16	24-0205-2	1	Hydraulic Manifold Shield Door Assembly - Front
17	27-0100	1	TSS Apron Pan Bent With Decals
18	49-0214	1	Left Hand Main Apron Belting
19	49-0202	1	Right Hand Main Apron Belting
20	39-0100	1	Left Hand End Frame
21	27-0102	1	Upper Spillage Guard Assembly
22	27-0109	1	Auger Guard
23	24-0215	1	1st / 2nd Auger Shield
24	24-0210	1	Hose Shield Bracket
25	25-0516	1	Spillage Guard Left Hand
26	25-0515	1	Spillage Guard Right Hand
27	24-0213	1	Drive Shaft Cover
28	27-0101	1	Top Pan
29	49-0120	1	Cross Conveyor Poly Top
30	25-0535	2	Chain Hold Down
31	25-0534	1	Cross Conveyor Belt Mount - Left Hand
32	25-0527	2	Bottom Pan Cover Plate
33	25-0517	2	Cross Conveyor Support Weldment
34	25-0523	4	Grease Line Clamp
35	25-0522	1	Hydraulic Hose Clamp Weldment
36	24-0209	1	Gearbox Shield Mount Bracket
37	25-0518-2	2	Hydraulic Mount Plate Bracket
38	25-0520	1	Left Front Hose Bracket Weldment
39	25-0533	1	Cross Conveyor Belt Mount Right Hand
40	See Page 68	1	Emergency Stop Control Bar Welded Assembly
41	24-0214	1	Cross Conveyor Idler Shaft Cover
42	45-0020-17	2	Apron Pan Cover Plate
43	33-0044	1	Manual Holder
NS	29-0029	1	Hydraulic Hose Tender Spring Kit with Sleeve and Hardware

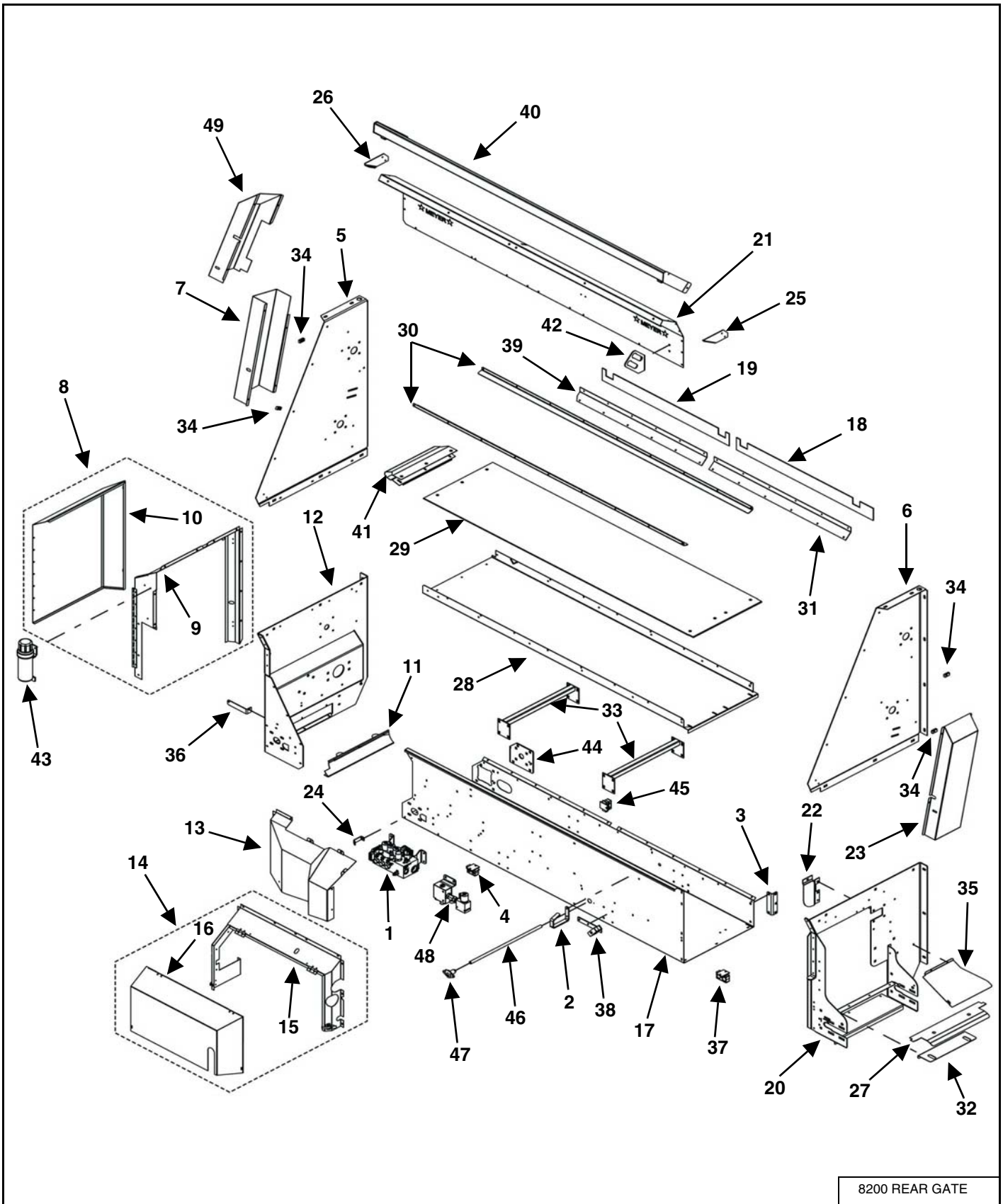
UNIT FRAME (SN 16T9204 & LATER) (INCLUDING 16T9201)



8200 REAR GATE

KEY	PART NUMBER	QTY	DESCRIPTION
1	25-0540-1	1	Hydraulic Manifold Mount Plate
2	25-0209	1	2-Way Hose Hanger
3	25-0512	1	Apron Pan Brace Lower
4	25-0529	1	Bottom Hydraulic Hose Bracket Weldment
5	27-0103-RH	1	Right Hand Auger Plate
6	27-0103-LH	1	Left Hand Auger Plate
7	24-0216	1	2nd / 3rd Auger Shield With Decal
8	24-0219	1	Gearbox Shield Assembly Complete
9	24-0219-1	1	Gearbox Shield Base Assembly
10	24-0219-2	1	Gearbox Door Assembly
11	27-0107	1	Cleanout Door
12	39-0101	1	Right Hand End Frame Assembly
13	24-0220	1	Hose Shield Assembly
14	24-0205	1	Hydraulic Manifold Shield Assembly Complete (Prior to SN 18T9201)
	24-0240	1	Hydraulic Manifold Shield Assembly Complete (SN 18T9201 & Later)
15	24-0205-1	1	Hydraulic Manifold Shield Base Assembly
16	24-0205-2	1	Hydraulic Manifold Shield Door Assembly - Front (Prior to SN 18T9201)
	24-0240-1	1	Hydraulic Manifold Shield Door Assembly - Front (SN 18T9201 & Later)
17	27-0112	1	Apron Pan Bent
18	49-0214	1	Left Hand Main Apron Belting
19	49-0202	1	Right Hand Main Apron Belting
20	39-0100	1	Left Hand End Frame
21	27-0102	1	Upper Spillage Guard Assembly
22	27-0109	1	Auger Guard
23	24-0215	1	1st / 2nd Auger Shield
24	24-0220-1-4	1	Hose Shield Bracket
25	25-0516	1	Spillage Guard Left Hand
26	25-0515	1	Spillage Guard Right Hand
27	24-0213	1	Drive Shaft Cover
28	27-0101	1	Top Pan
29	49-0120	1	Cross Conveyor Poly Top
30	25-0535	2	Chain Hold Down
31	25-0534	1	Cross Conveyor Belt Mount - Left Hand
32	24-0213	1	Drive Shaft Cover
33	25-0517	2	Cross Conveyor Support Weldment
34	25-0523	4	Grease Line Clamp
35	See Page 70	1	Drive Motor Shield
36	24-0209	1	Gearbox Shield Mount Bracket

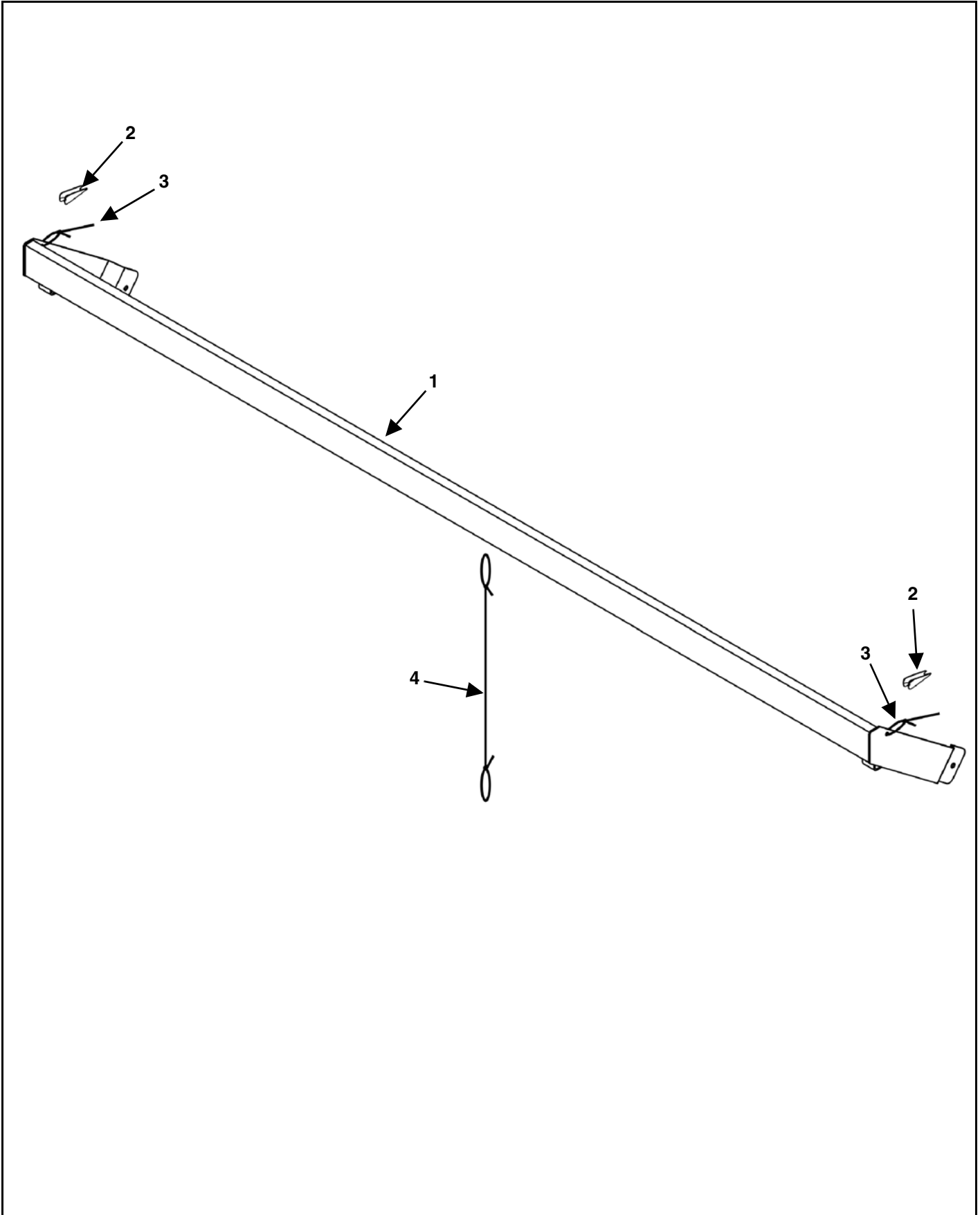
UNIT FRAME CONTINUED (SN 16T9204 & LATER) (INCLUDING 16T9201)



8200 REAR GATE

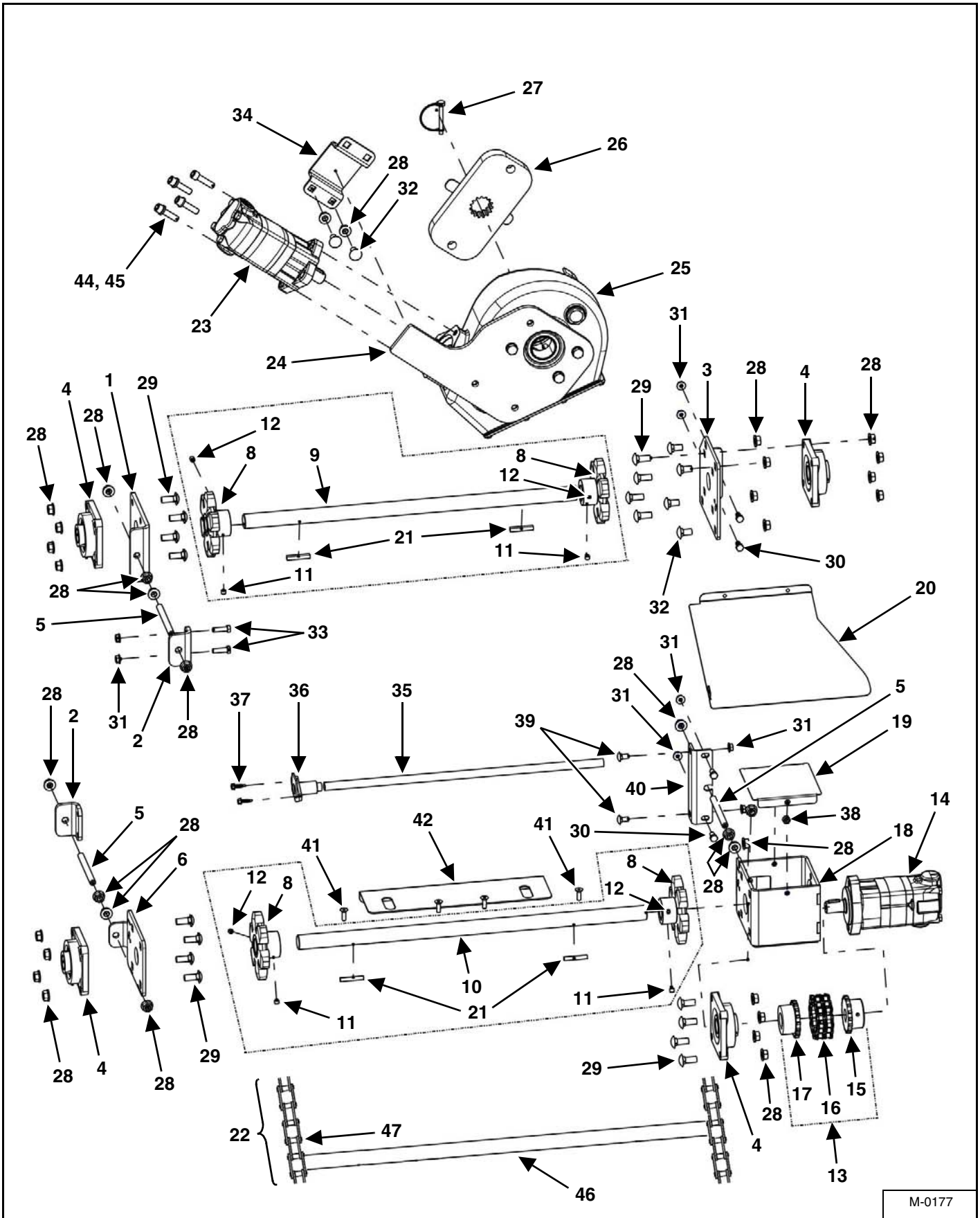
KEY	PART NUMBER	QTY	DESCRIPTION
37	25-0521	1	Bottom Hydraulic Hose Bracket Weldment
38	25-0520	1	Left Front Hose Bracket Weldment
39	25-0533	1	Cross Conveyor Belt Mount Right Hand
40	See Page 68	1	Emergency Stop Control Bar Welded Assembly
41	24-0214	1	Cross Conveyor Idler Shaft Cover
42	25-0541	1	Unit Hose Holder Bracket
43	33-0044	1	Manual Holder
44	See Page 70	1	Pulley Bearing Inner Mount Plate
45	25-0542	1	Back Hydraulic Hose Bracket Weldment
46	56-0056	1	Light Wire Tube
47	56-0004	1	4-Way Socket
48	25-0539-1	1	On/Off Selector Valve Bracket
49	24-0217	1	3rd / 4th Auger Shield With Decal
NS	29-0029	1	Hydraulic Hose Tender Spring Kit with Sleeve and Hardware

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

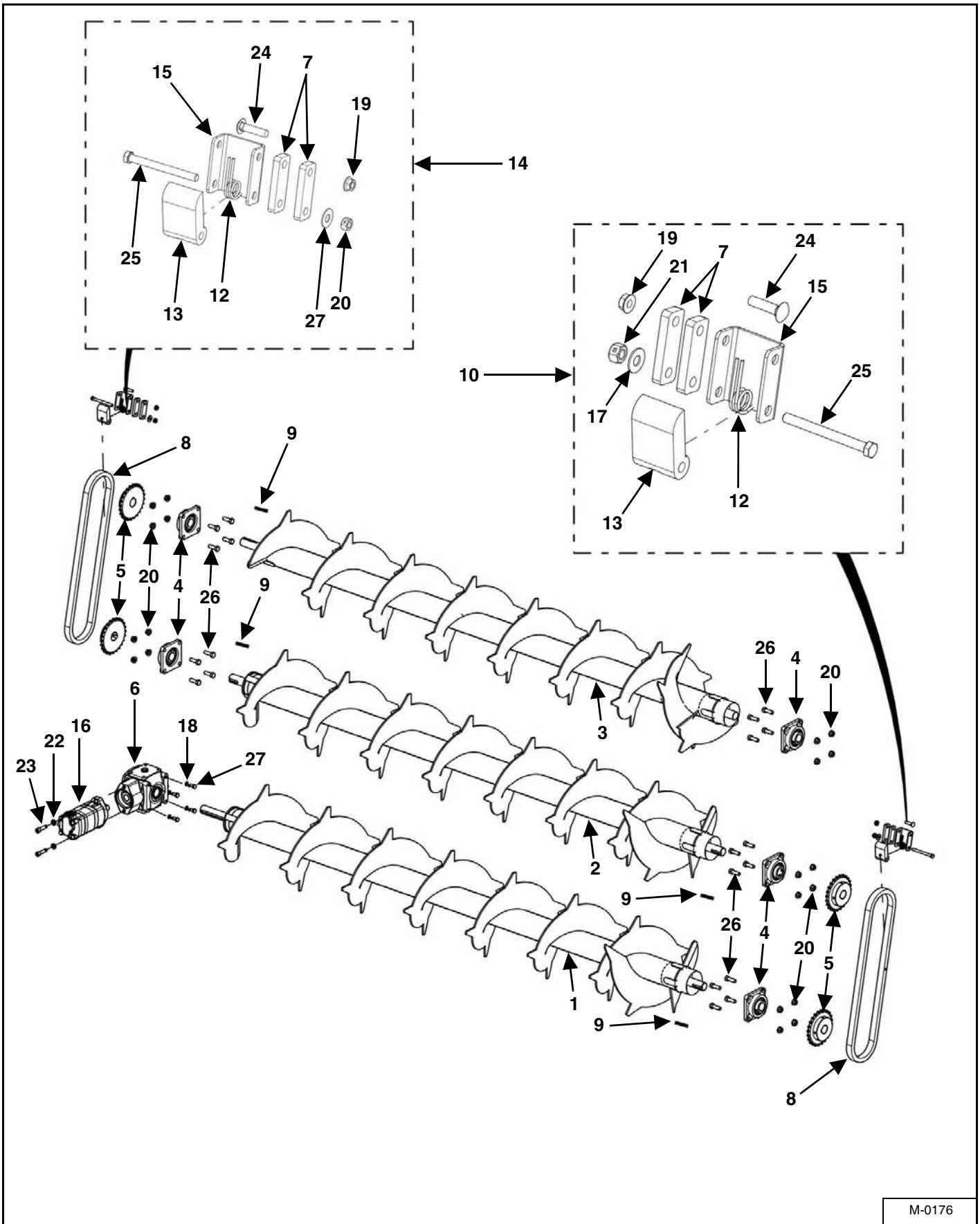
T900 CROSS APRON COMPONENTS



M-0177

KEY	PART NUMBER	QTY	DESCRIPTION
1	25-0505	1	Pulley Bearing Mount Plates
2	25-0506	2	Pulley Bearing Adjustable Mount Plate
3	25-0507	1	Pulley Bearing Inner Mount Plate
4	14-0101	4	4-Bolt 1-1/4" Bearing
5	25-0509	3	1/2" x 5-1/2" Threaded Rod
6	25-0513	1	Pulley Bearing Plate
7	45-0030	1	Idler Shaft Assembly
8	110-81XB6-1.25-2	4	Cross Conveyor Sprocket Weldment
	827-3118-.5	8	5/16" x 1/2" Set Screw
9	23-0213	1	81X Chain Idler Shaft 29"
10	23-0212	1	81X Chain Idler Shaft 30-3/8"
11	827-3816-.38	4	3/8" x 3/8" Set Screw
12	827-3816-.5	4	3/8" x 1/2" Set Screw
13	37-0019	1	Chain Coupler
14	See Page 74	1	Cross Apron Motor (Prior to SN 15T9211)
	See Page 80	1	Cross Apron Motor (SN 15T9211 Through SN 16T9203)(Excluding 16T9201)
	See Page 86	1	Cross Apron Motor (SN 16T9204 & Later) (Including 16T9201)
	35-0042	1	1/4" x 1" Woodruff Key
15	37-0013-1	1	Unit Coupler 1" Bore, 1/4" Keyway
16	37-0013-2	1	Unit Coupler Chain #50 16 Double W/Connector
17	37-0017-1	1	1-1/4" Bore Chain Coupler 1/4" Keyway
	35-0012	1	1/4" x 1-1/2" Square Key
18	45-0020-9	1	Cross Conveyor Motor Mount Bracket Assembly
19	45-0020-10-AS	1	Chain Coupler Cover Plate
20	45-0020-16	1	Drive Motor Shield
21	135-3131-2-1	4	5/16" x 2" Square Key 1045
22	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)
23	See Page 74	1	Apron Motor (Prior to SN 15T9211)
	See Page 80	1	Apron Motor (SN 15T9211 Through SN 16T9203)(Excluding 16T9201)
	See Page 86	1	Apron Motor (SN 16T9204 & Later)(Including 16T9201)
	135-0810M-44.75M-1	1	8 x 10 x 44.75 MM Rectangle Key
24	27-0104	1	Lower Torque Plate
25	19-0202	1	Front Gearbox
26	37-0015	1	Splined Outer Drive Plate Weldment
27	823-0004	1	Snap Pin
28	810-5013-Z	AR	1/2" Spin Lock Nut
29	850-5013-1.25Z	AR	1/2"-13 x 1-1/4" Bolt
30	851-3816-.75Z	4	3/8"-16 x 3/4" Grade 5 M Bolt
31	810-3816-Z	8	3/8" Spin Lock Nut
32	850-5013-1Z	8	1/2"-13 x 1" Bolt
33	851-3816-1.25Z	2	3/8"-16 x 1-1/4" Grade 5 M Bolt
34	25-0500	1	Torque Plate Bracket
35	56-0056	1	Light Wire Tube
36	56-0004	1	4-Way Socket
37	825-25-1Z	2	1/4" x 1" Self Tap Screw
38	813-3816	2	3/8"-16 Hex Nut
39	850-3816-.75Z	2	3/8"-16 x 3/4" Carriage Bolt
40	25-0512	1	Lower Pan Brace
41	803-3118-1Z	4	5/16"-18 x 1" Flat Head Socket Cap Screw
42	24-0213	1	Drive Shaft Cover
43	45-0029	1	Drive Shaft Assembly
44	831-M12-1.75-45	4	M12-1-3/4" x 45 mm Allen Head Cap Screw
45	822-0050-Z	3	1/2" Split Lock Washer
46	11-0272-1-2	AR	T900 Chain Slat Only (Prior to SN 15T9205)
	11-0274-1-1	AR	T900 Chain Slat Only (SN 15T9205 Through SN 16T9200)
	11-0272-1-2	AR	T900 Chain Slat Only (SN 16T9201 & Later)
47	11-0272-4	AR	T900 81X Connector Link
	11-0272-5	AR	T900 81X Offset Link
NS	37-0022-P	1	Drive Plate Puller Assembly
NS	37-0022-PH	1	Drive Plate Puller Holder

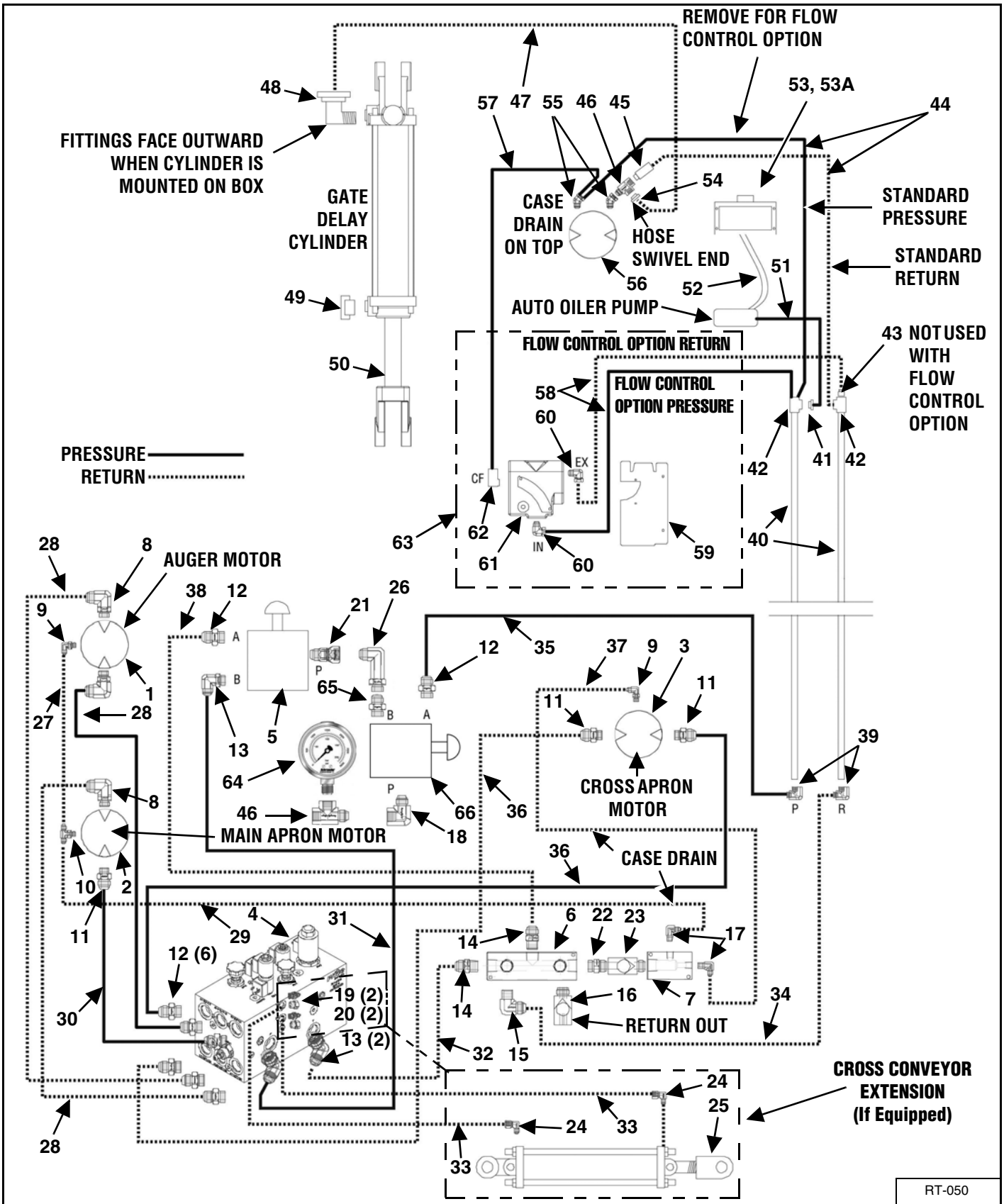
T900 AUGER DRIVE COMPONENTS



M-0176

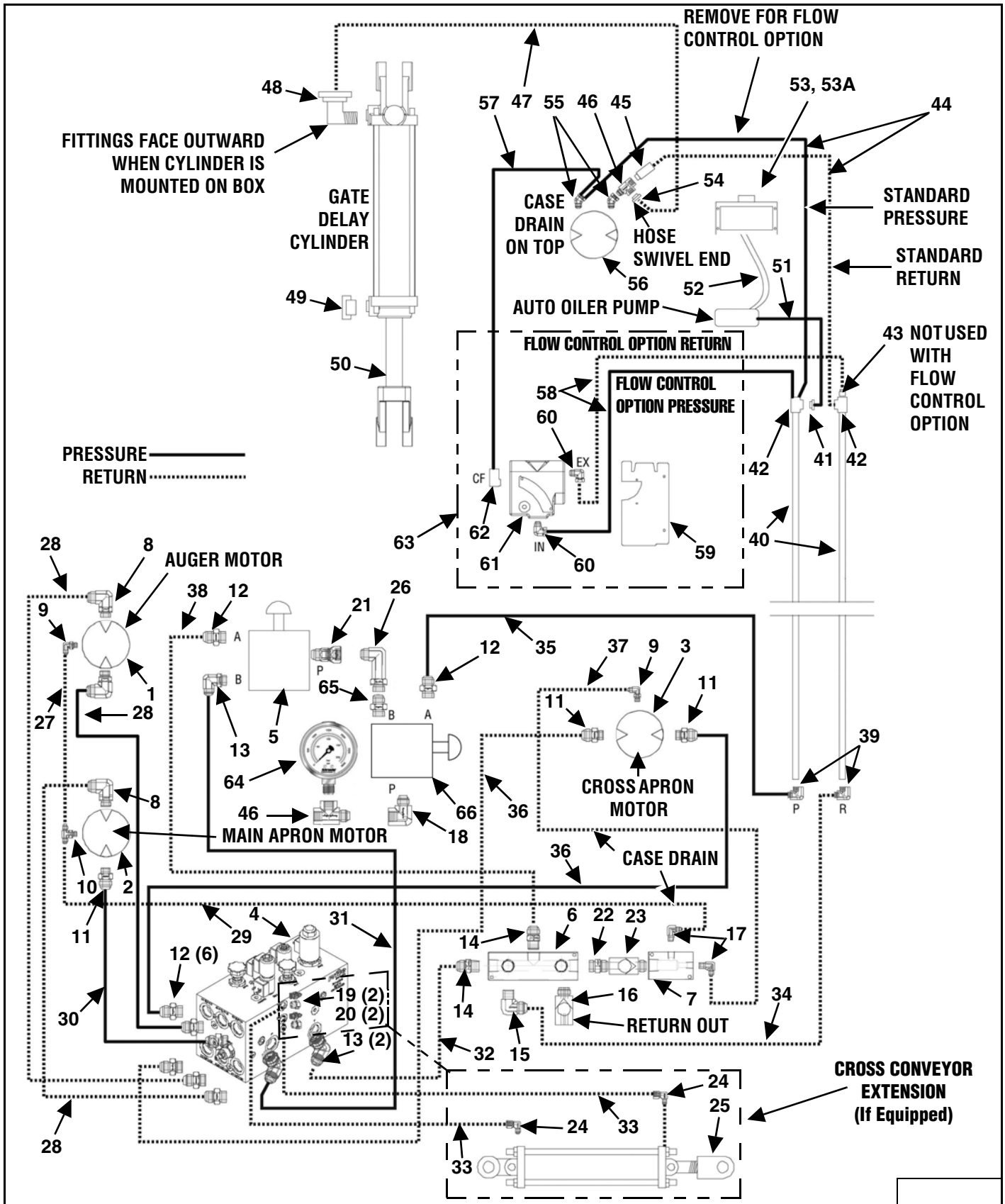
KEY	PART NUMBER	QTY	DESCRIPTION
1	26-0101	1	Bottom Auger
2	26-0102	1	2nd Auger
3	26-0104	1	3rd Auger
4	14-0060	5	4-Bolt 1-3/8" Bearing
5	10-0100	4	60B24 1-3/8" Bore Sprocket
6	19-0203	1	Auger Gearbox RT90
7	25-0504	4	Spacer
8	111-0060-85	2	#60 Auger Roller chain
9	35-0006	4	3/8" x 1-1/4" Square Key
10	41-0032	1	T900 1st 2nd Auger Tightener Assembly
11	823-0004	1	Lynch Pin
12	29-0002	4	Torsion Spring
13	41-0002	2	3" Tightener Paddle
14	41-0031	1	T900 2nd to 3rd Auger Tightener Assembly
15	25-0047	2	Chain Tightener Bracket
16	See Page 74	1	Auger Drive Motor
17	805-0038-Z	2	3/8" Flat Washer
18	806-0038-Z	4	3/8" Int Tooth Lock Washer
19	810-3816-Z	2	3/8" Spin Lock Nut
20	810-5013-Z	AR	1/2" Spin Lock Nut
21	814-3816-Z	2	3/8"-16 Indented Lock Nut
22	822-0050-Z	4	1/2" Split Lock Washer
23	831-M12-1.75-45	2	M12-1-3/4" x 45 mm Allen Head Cap Screw
24	850-3816-1.5Z	2	3/8"-16 x 1-1/2" Bolt
25	851-3816-4Z	2	3/8"-16 x 4" Grade 5 M Bolt
26	851-5013-1.5Z	20	1/2"-13 x 1-1/2" Grade 5 M Bolt
27	851-M10-1.5-20-Z	4	M10-1-1/2" x 20 mm Metric Hex Head Machine Bolt

HYDRAULIC SYSTEM (PRIOR TO SN 15T9211)



KEY	PART NUMBER	QTY	DESCRIPTION
1	55-0301	1	Auger Motor (Prior to SN 15T9205)
	155-2000-18.7-3	1	Auger Motor (SN 15T9205 Through SN 15T9210)
2	155-2000-18.7-1	1	Apron Motor
3	55-0088	1	Cross Apron Motor (Prior to SN 15T9205)
	155-2000-18.7-2	1	Cross Apron Motor (SN 15T9205 Through SN 15T9210)
4	55-0302	1	Control Manifold (Prior to SN 15T9205)
	55-0302-CP	1	Control Manifold (SN 15T9205 Through SN 15T9210)
5	55-0018-D-SAE	1	Selector Valve
6	57-0058	1	Return Line Manifold
7	57-0059	1	Case Drain Manifold
8	155-6801-12-10	3	90° Adjustable Male JIC To Male SAE O-Ring
9	155-6801-4	2	90° Adjustable Male JIC To Male SAE O-Ring
10	155-6803-4	1	Tee Adjustable O-Ring Boss
11	155-6400-12-10	3	37° Flare To Male O-Ring Boss
12	155-6400-12-12	8	37° Flare To Male O-Ring Boss Connector
13	155-6801-12	3	90° Adjustable Male JIC To Male SAE O-Ring Boss
14	155-2404-12-12	2	Straight Adapter Male 37° SAE Flare To Male NPTF
15	155-2501-12-12	1	37° Male To NPTF Male 90° Elbow
16	55-0007-B	1	3/4" Check Valve
17	155-2501-4-4	2	90° Male 37° SAE Flare To Male NPTF
18	955-3708	1	90° Male Adj O-Ring Boss To Female NPTF Elbow
19	155-6408-6	2	O-Ring Plug
20	155-6400-4-6	2	O-Ring Straight Fitting (Cross Conveyor Extension Option)
21	155-6402-12-12	1	Male SAE O-Ring To Female 37° Swivel
22	55-0204	1	3/4" Hydraulic Nipple
23	55-0007-B	1	3/4" Check Valve
24	55-0196	2	3/8" M x 1/4" Swivel Female x 90° Elbow (Cross Conveyor Extension Option)
25	55-0227	1	2" x 10" Hydraulic Cylinder (Cross Conveyor Extension Option)
26	155-6801LL-12-12	1	Male JIC To Male O-Ring Extra Long Elbow 90°
	155-6701-12-12	1	90° Sweep Elbow (Optional Truck Mount Cab Control)
27	155-4R16-20-1	1	1/4" R 20" Hose Assembly
28	155-12R16-50-1	3	3/4" R 49" Hose Assembly
29	155-4R16-68-1	1	1/4" R 68" Hose Assembly
30	155-12R16-41-1	1	3/4" R 41" Hose Assembly
31	155-12R16-17.5-1	1	3/4" R 17.5" Hose Assembly
32	155-12R16-30-1	1	3/4" R 30" Hose Assembly
33	155-4G2-100-1	2	1/4" x 100" Hose Assembly (Cross Conveyor Extension Option)
34	155-12R16-108-1	1	3/4"R 108" Hose Assembly
35	155-12R16-100-1	1	3/4"R 100" Hose Assembly
36	155-12R16-147-1	2	3/4"R 147" Hose Assembly
37	155-4R16-110-1	1	1/4"R 110" Hose Assembly
38	155-12R16-9.5-1	1	3/4" R 9-1/2" Hose Assembly
39	55-0027	2	3/4" x 90° Elbow
40	55-0022	2	3/4" x 209" Pipe (8222)
	55-0020	2	3/4" x 233" Pipe (8224)
	55-0126	2	3/4" x 249" Pipe (8226)

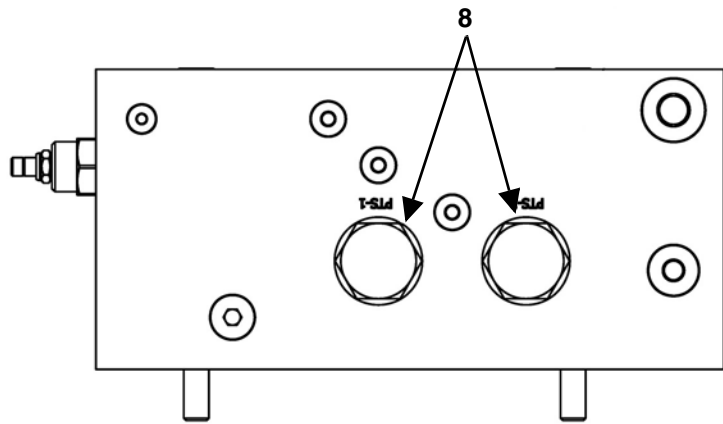
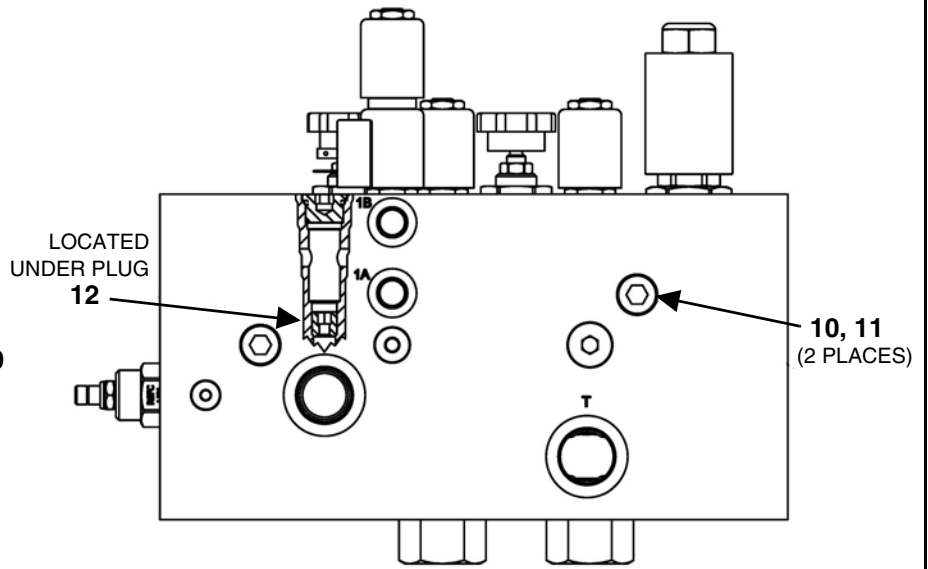
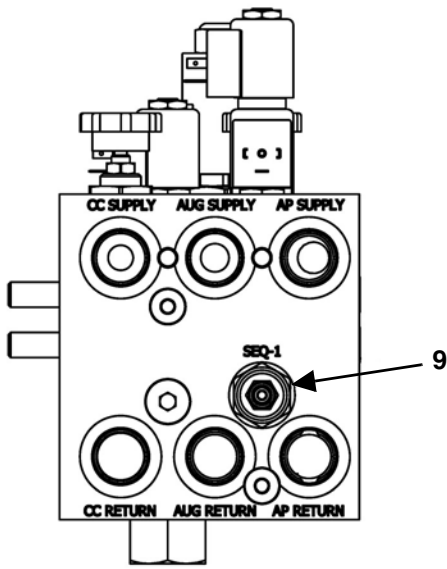
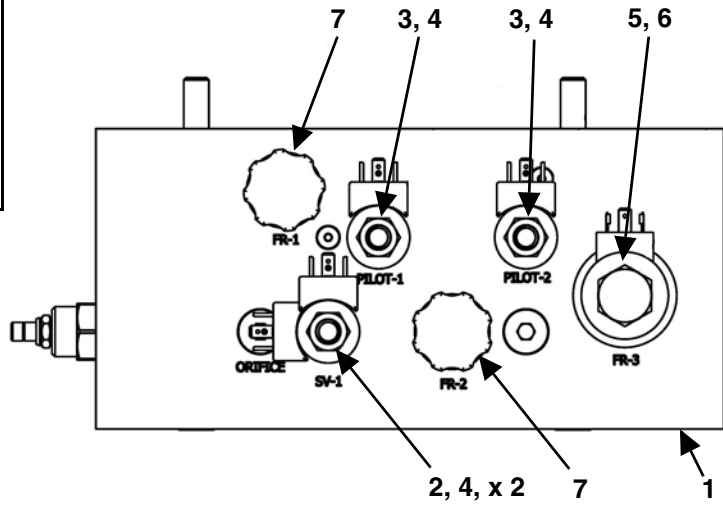
HYDRAULIC SYSTEM CONTINUED (PRIOR TO SN 15T9211)



KEY	PART NUMBER	QTY	DESCRIPTION
41	55-0174	1	3/4" To 1/4" Bushing
42	55-0079	2	3/4" Tee
43	55-0081	1	3/4" Steel Plug
44	55-0029	2	3/4" x 36" Hose
45	55-0007-B-GDRL	1	3/4" Check Valve (Truck Mounts)
	55-0007-B	1	3/4" Check Valve (Ag Trailer/Wagon Mounts)
46	55-0201	2	3/4" NPT Tee-Fitting
47	155-6G2-228-1	1	3/8" x 228" Hose Assembly W/Swivel
48	55-0055	1	3/8" x 3/8" Swivel Elbow
49	55-0307	1	3/8" NPT Breather Vent 150 PSI
50	155-D-1.25-10-1	1	1-1/4" x 10" Hydraulic Cylinder
51	55-0199	1	1/4" x 75" Hose
52	952-0001-1-20A	1.583	Tubing, 5/8" ID
53	952-0001-1-18	1	2 Quart Reservoir
53A	952-0001-1	1	Oiler Kit #MM-1000
54	155-5406-12-6	1	3/4" To 3/8" Bushing
55	155-6902-10-12	2	45° 7/8-14 ORB Swivel
56	55-0088	1	Rear Unload Motor
57	55-0049	1	3/4" x 65" Hose
58	655-0015-8	2	3/4" x 80" Hose (Flow Control Option)
59	25-8217-1	1	SAE Flow Control Mount Plate (Flow Control Option)
60	155-6901-12-12	2	90° ORB Bulkhead Adapter (Flow Control Option)
61	55-0076-SAE	1	Flow Control (Flow Control Option)
62	955-3708	1	Adapter (Flow Control Option)
63	8200-FLOW	1	8200 Flow Control Package, (Optional)
64	55-0109	1	Pressure Gauge
	55-0174	1	3/4" to 1/4" Bushing
65	155-6400-12-12	1	37° Flare to Male O-Ring Boss Connector (Optional Truck Mount Cab Control)
66	55-0018-D-SAE	1	Selector Valve
	55-0115	1	Cab Control Selector Valve (Optional Truck Mount Cab Control)

HYDRAULIC MANIFOLD (PRIOR TO SN 15T9213)

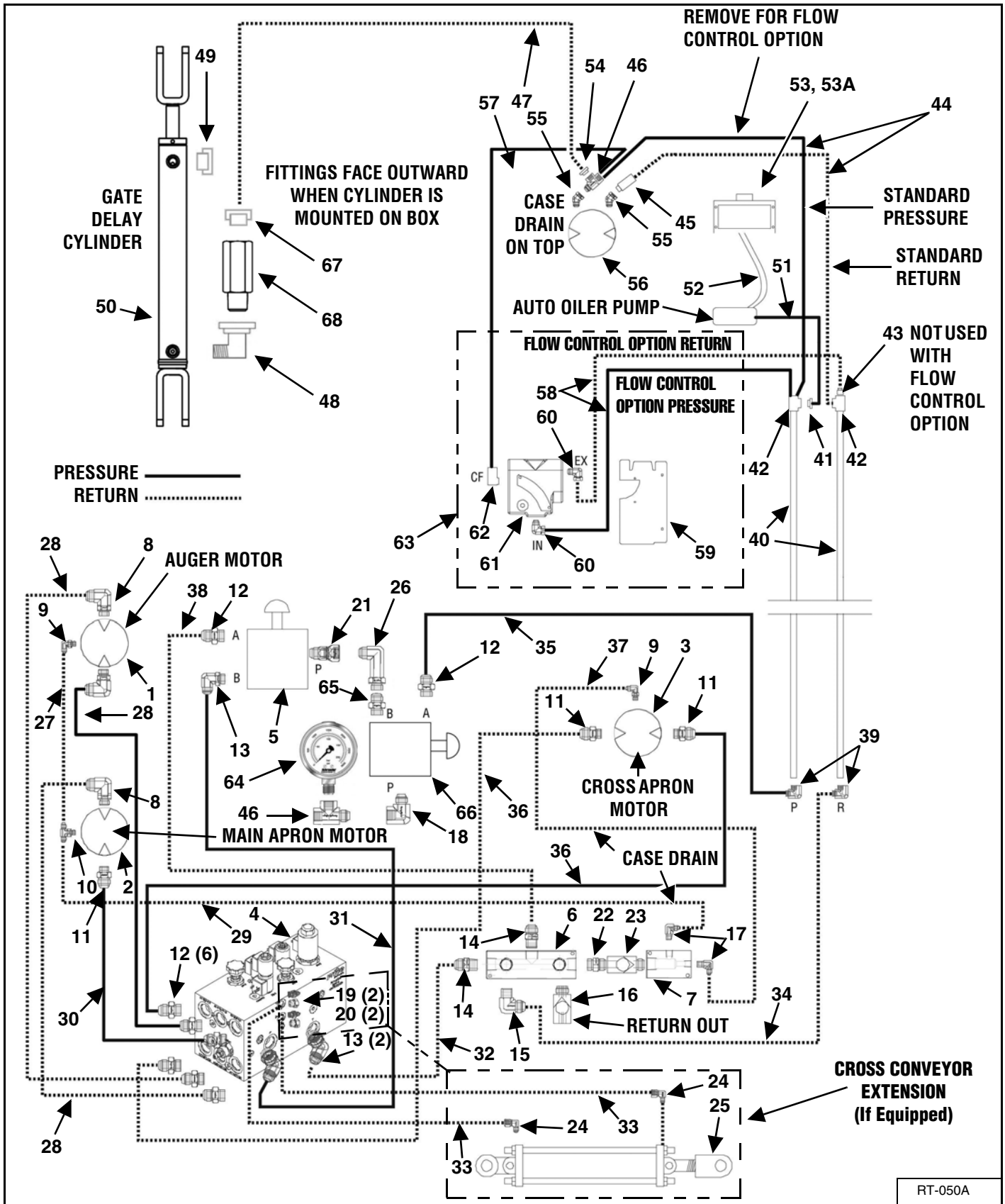
- FR1** - Cross Conveyor Speed Adjustment
- Pilot-1** - Cross Conveyor On/Off
- Pilot-2** - Auger On/Off
- SV-1** - Cross Conveyor Extension Up/Down
- FR-2** - Auger Speed Adjustment
- FR-3** - Apron Control



RT-053

KEY	PART NUMBER	QTY	DESCRIPTION
0	55-0302	1	Hydraulic Manifold (Prior to SN 15T9205)
	55-0302-CP	1	Hydraulic Manifold (SN 15T9205 Through SN 15T9212)
1	55-0302-100	1	Aluminum Manifold Block
2	55-0302-2	1	Directional Cartridge
2A	55-0302-2-SK	AR	Cartridge Seal Kit
3	55-0302-4	2	Directional Cartridge
3A	55-0302-4-SK	AR	Cartridge Seal Kit
4	55-0302-5	4	DIN Tough Coil
5	55-0302-8	1	Hydraforce
5A	55-0302-8-SK	AR	Hydraforce Seal Kit
6	55-0302-9	1	DIN Coil
7	55-0302-7	2	Flow Cartridge (Prior to SN 15T9205)
	55-0302-15	2	Cavity Plug (SN 15T9205 Through SN 15T9212)
7A	55-0302-7-SK	AR	Cartridge Seal Kit
8	55-0302-6	2	Pilot To Shift Cartridge
8A	55-0302-6-SK	AR	Cartridge Seal Kit
9	55-0302-101	1	Sequence Cartridge
9A	55-0302-101-SK	AR	Cartridge Seal Kit
10	831-5013-6.5	2	1/2 - 13 x 6-1/2" Allen Head Cap Screw
11	807-0050-Z	2	1/2" Split Lock Washer
12	55-0302-102	1	Orifice Plug
NS	55-0302-11	6	#2 Plug
NS	55-0302-12	3	#4 Plug
NS	55-0302-13	10	#6 Plug
NS	55-0302-14	17	#8 Plug
NS	55-0302-103	4	#10 Plug
NS	55-0302-104	1	#12 Plug
NS	55-0302-105	2	Sealing Plug 10 mm Ball And Sleeve

HYDRAULIC SYSTEM (SN 15T9211 THROUGH 16T9203) (EXCLUDING 16T9201)

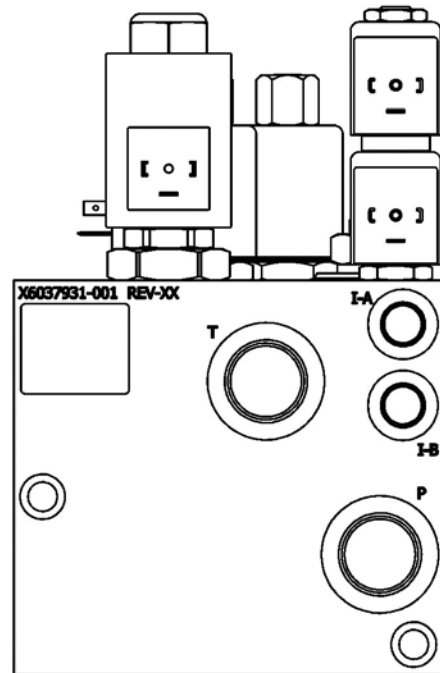
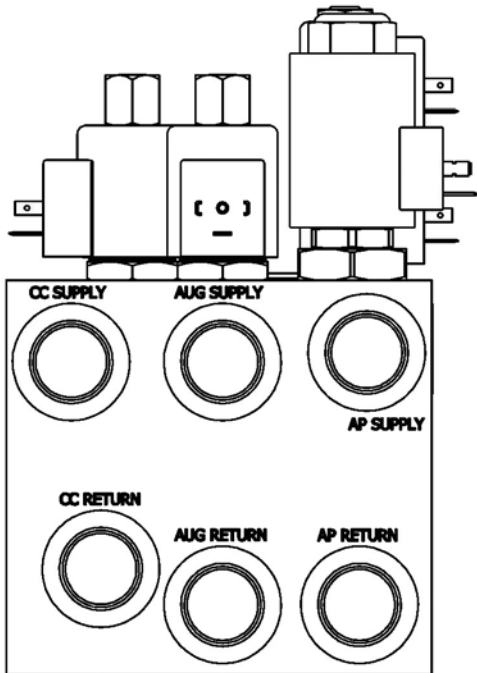
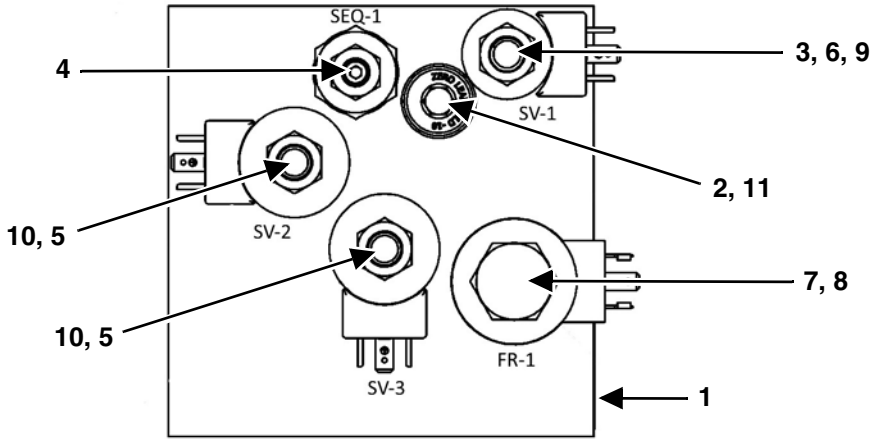


KEY	PART NUMBER	QTY	DESCRIPTION
1	155-2000-18.7-3	1	Auger Motor
2	155-2000-18.7-1	1	Apron Motor
3	155-2000-18.7-2	1	Cross Apron Motor
4	55-0302-CP	1	Control Manifold (SN 15T9211 Through SN 16T9201)(Excluding 16T9201)
	55-0326	1	Control Manifold (SN 16T9202 & 16T9203)
5	55-0018-D-SAE	1	Selector Valve
6	57-0058	1	Return Line Manifold
7	57-0059	1	Case Drain Manifold
8	155-6801-12-10	3	90° Adjustable Male JIC To Male SAE O-Ring
9	155-6801-4	2	90° Adjustable Male JIC To Male SAE O-Ring
10	155-6803-4	1	Tee Adjustable O-Ring Boss
11	155-6400-12-10	3	37° Flare To Male O-Ring Boss
12	155-6400-12-12	8	37° Flare To Male O-Ring Boss Connector
13	155-6801-12	3	90° Adjustable Male JIC To Male SAE O-Ring Boss
14	155-2404-12-12	2	Straight Adapter Male 37° SAE Flare To Male NPTF
15	155-2501-12-12	1	37° Male To NPTF Male 90° Elbow
16	55-0007-B	1	3/4" Check Valve
17	155-2501-4-4	2	90° Male 37° SAE Flare To Male NPTF
18	955-3708	1	90° Male Adj O-Ring Boss To Female NPTF Elbow
19	155-6408-6	2	O-Ring Plug
20	155-6400-4-6	2	O-Ring Straight Fitting (Cross Conveyor Extension Option)
21	155-6402-12-12	1	Male SAE O-Ring To Female 37° Swivel
22	55-0204	1	3/4" Hydraulic Nipple
23	55-0007-B	1	3/4" Check Valve
24	55-0196	2	3/8" M x 1/4" Swivel Female x 90° Elbow (Cross Conveyor Extension Option)
25	55-0227	1	2" x 10" Hydraulic Cylinder (Cross Conveyor Extension Option)
26	155-6801LL-12-12	1	Male JIC To Male O-Ring Extra Long Elbow 90°
	155-6701-12-12	1	90° Sweep Elbow (Optional Truck Mount Cab Control)
27	155-4R16-20-1	1	1/4" R 20" Hose Assembly
28	155-12R16-50-1	3	3/4" R 49" Hose Assembly
29	155-4R16-68-1	1	1/4" R 68" Hose Assembly
30	155-12R16-41-1	1	3/4" R 41" Hose Assembly
31	155-12R16-17.5-1	1	3/4" R 17.5" Hose Assembly
32	155-12R16-30-1	1	3/4" R 30" Hose Assembly
33	155-4G2-100-1	2	1/4" x 100" Hose Assembly (Cross Conveyor Extension Option)
34	155-12R16-108-1	1	3/4"R 108" Hose Assembly
35	155-12R16-100-1	1	3/4"R 100" Hose Assembly
36	155-12R16-147-1	2	3/4"R 147" Hose Assembly
37	155-4R16-110-1	1	1/4"R 110" Hose Assembly
38	155-12R16-9.5-1	1	3/4" R 9-1/2" Hose Assembly
39	55-0027	2	3/4" x 90° Elbow
40	55-0022	2	3/4" x 209" Pipe (8222)
	55-0020	2	3/4" x 233" Pipe (8224)
	55-0126	2	3/4" x 249" Pipe (8226)

KEY	PART NUMBER	QTY	DESCRIPTION
41	55-0174	1	3/4" To 1/4" Bushing
42	55-0079	2	3/4" Tee
43	55-0081	1	3/4" Steel Plug
44	55-0029	2	3/4" x 36" Hose
45	55-0007-B-GDRL	1	3/4" Check Valve (Truck Mounts)
	55-0007-B	1	3/4" Check Valve (Ag Trailer/Wagon Mounts)
46	55-0201	2	3/4" NPT Tee-Fitting
47	155-6G2-228-1	1	3/8" x 228" Hose Assembly W/Swivel
48	55-0055	1	3/8" x 3/8" Swivel Elbow
49	55-0307	1	3/8" NPT Breather Vent 150 PSI
50	155-D-1.25-10-1	1	1-1/4" x 10" Hydraulic Cylinder
51	55-0199	1	1/4" x 75" Hose
52	952-0001-1-20A	1.583	Tubing, 5/8" ID
53	952-0001-1-18	1	2 Quart Reservoir
53A	952-0001-1	1	Oiler Kit #MM-1000
54	155-5406-12-6	1	3/4" To 3/8" Bushing
55	155-6902-10-12	2	45° 7/8-14 ORB Swivel
56	55-0088	1	Rear Unload Motor
57	55-0049	1	3/4" x 65" Hose
58	655-0015-8	2	3/4" x 80" Hose (Flow Control Option)
59	25-8217-1	1	SAE Flow Control Mount Plate (Flow Control Option)
60	155-6901-12-12	2	90° ORB Bulkhead Adapter (Flow Control Option)
61	55-0076-SAE	1	Flow Control (Flow Control Option)
62	955-3708	1	Adapter (Flow Control Option)
63	8200-FLOW	1	8200 Flow Control Package, (Optional)
64	55-0109	1	Pressure Gauge
	55-0174	1	3/4" to 1/4" Bushing
65	155-6400-12-12	1	37° Flare to Male O-Ring Boss Connector (Optional Truck Mount Cab Control)
66	55-0018-D-SAE	1	Selector Valve
	55-0115	1	Cab Control Selector Valve (Optional Truck Mount Cab Control)
67	155-1404-6-6-.055	1	6MP-6 FPS Male Adapter Union With .055" Orifice
68	155-CV-375-1	1	Check Valve

HYDRAULIC MANIFOLD (SN 16T9202 & 16T9203)

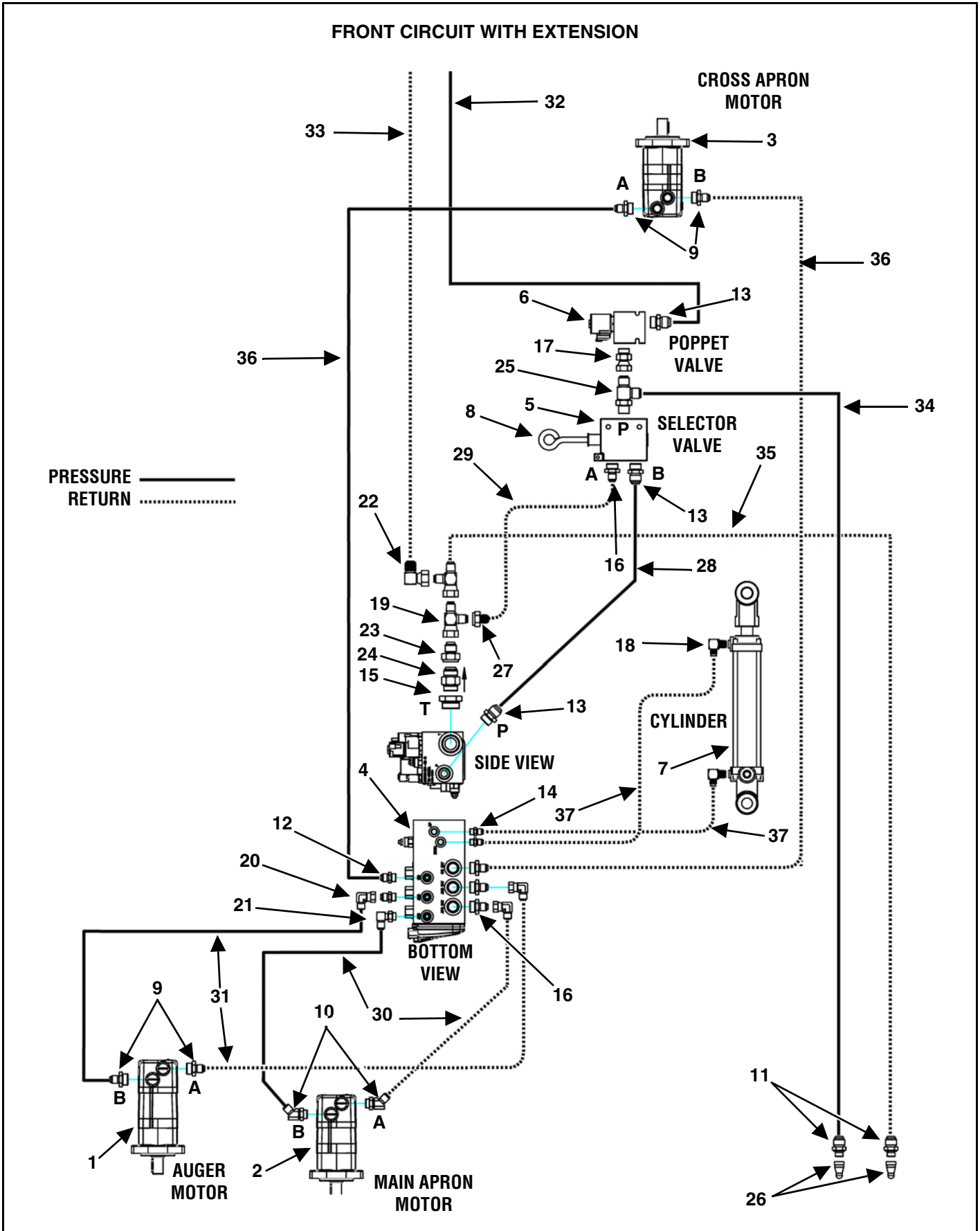
- SV-2** - Cross Conveyor On/Off
- SV-3** - Auger On/Off
- SV-1** - Cross Conveyor Extension Up/Down
- FR-1** - Apron Control



RT-053A

KEY	PART NUMBER	QTY	DESCRIPTION
0	55-0326	1	Hydraulic Manifold
1	55-0326-3	1	Manifold Block-Aluminum 6061-T6 w/ Gold Anodizing
2	55-0326-4	1	Plug
3	955-0201-1-1-1	1	Cartridge-Directional, 4 WAY 3 POS
4	55-0326-2	1	Cartridge-Sequence, Pilot Operated
5	55-0326-8	2	Cartridge-Directional, Poppet Type, 2 Way / 2 Position
6	55-0326-7	2	Toughcoil
7	55-0302-8	1	Cartridge-Flow Control
8	55-0302-9	1	Coil, Proportional
9	955-0201-1-13	1	Spacer
10	55-0326-6	2	Toughcoil
11	55-0326-5	1	Orifice Plug

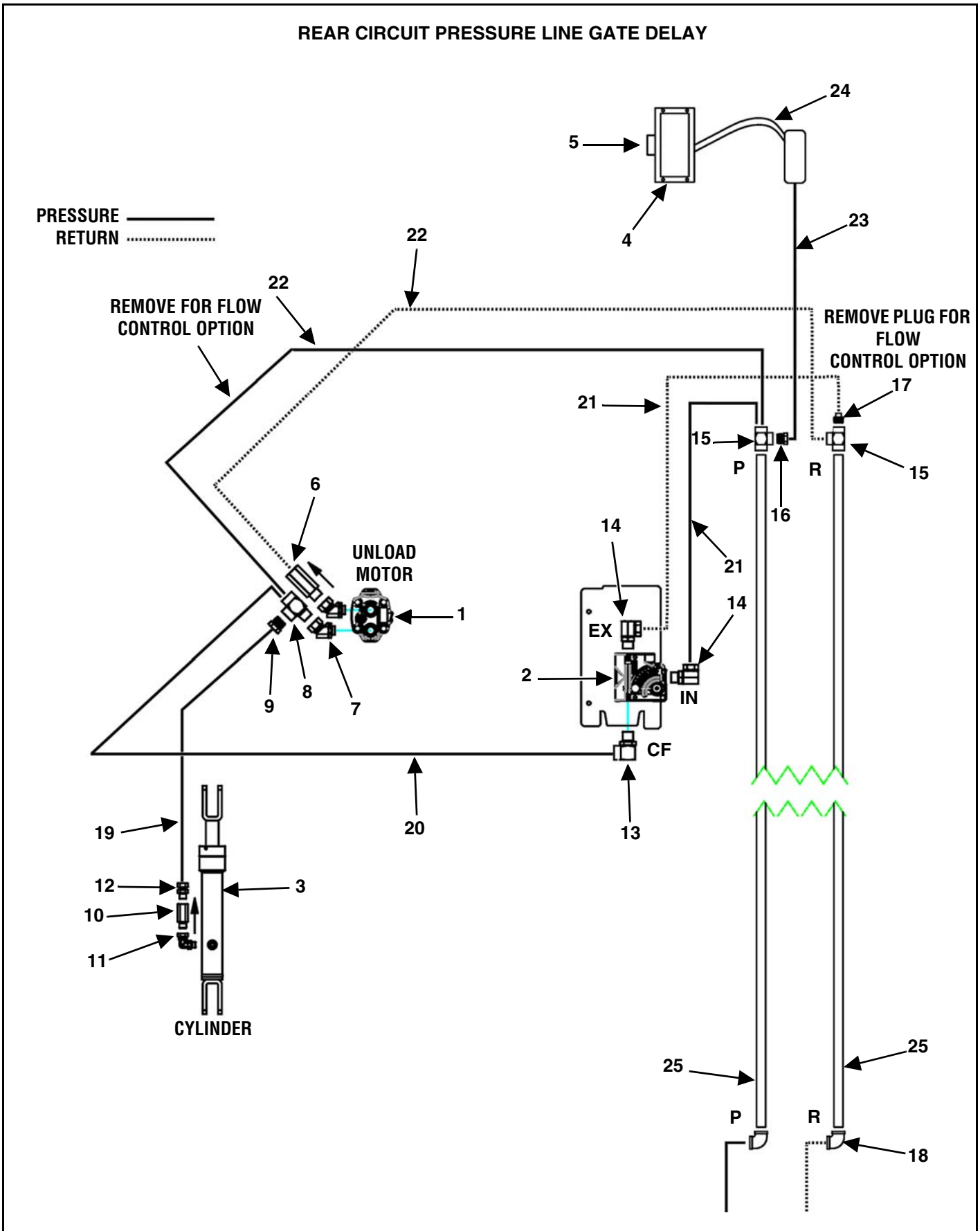
HYDRAULIC SYSTEM (SN 16T9204 & LATER) (INCLUDING 16T9201)



KEY	PART NUMBER	QTY	DESCRIPTION
1	155-WS-9.90-2	1	Motor, Auger
2	155-WS-12.3-1	1	Motor, Apron
3	155-WS-7.86-1	1	Motor, Cross Apron
4	55-0427-1	1	Manifold
5	55-018-D-SAE	1	Valve, Selector
6	155-100PV-30-H	1	Valve, Poppet
7	55-0227	1	Hydraulic Cylinder (Cross Conveyor Extension Option)
	155-2-1.125-1-CSK	1	Chief Hydraulic Cylinder Seal Kit (Cross Conveyor Extension Option)
	155-2-1.125-1-DSK	1	Delevan Hydraulic Cylinder Seal Kit (Cross Conveyor Extension Option)
	155-2-1.125-1-MSK	1	Maxim Hydraulic Cylinder Seal Kit (Cross Conveyor Extension Option)
8	811-5013-5Z-3824	1	Eyebolt, 1/2-13 x 5"
9	155-6400-08-10	4	Adapter, Straight Male
10	155-6802-08-10	2	Adapter, 45°
11	155-6400-12-08	2	Adapter, Straight (Ag Trailer/Wagon Mounts)
12	155-6400-8-8	2	Adapter, Straight
13	155-6400-12-12	3	Adapter, Straight
14	155-6408-6	2	Hex Head Plug
	155-6400-06-06	2	Adapter, Straight (Cross Conveyor Extension Option)
15	155-6410-20-16	1	Adapter, Straight
16	155-6400-08-12	4	Adapter, Straight
17	155-6402-12-12	1	Adapter, Straight
18	155-2501-6-6	2	Adapter, 90° (Cross Conveyor Extension Option)
19	155-6602-12A	2	Adapter, Tee
20	155-6500-08-08	3	Adapter, 90°
21	155-6801-08-08	1	Adapter, 90°
22	155-6500-12	1	Adapter, 90°
23	155-2406-16-12	1	Adapter, Straight
24	155-CV-1916R	1	Adapter, Straight
25	155-6804-12-12-12	1	Adapter, Tee
26	155-8010-15	2	Tip, Male, 1/2" Body Size (Ag Trailer/Wagon Mounts)
27	155-2406-12-08	1	Adapter, Straight
28	155-12R17-17.5-1	1	Hose, 3/4" x 17-1/2"
29	155-08R17-30-1	1	Hose, 1/2" x 30"
30	155-08R17-34-1	2	Hose, 1/2" x 34"
31	155-08R17-45-1	2	Hose, 1/2" x 45"
32	155-12R16-100-1	1	Hose, 3/4" x 100"
33	155-12R16-108-1	1	Hose, 3/4" x 108"
34	155-12R17-125-1	1	Hose, 3/4" x 125" (Ag Trailer/Wagon Mounts)
35	155-12R17-130-1	1	Hose, 3/4" x 130" (Ag Trailer/Wagon Mounts)
36	155-08R17-147-1	2	Hose, 1/2" x 147"
	155-08R17-159-1	2	Hose, 1/2" x 159" (36" Cross Conveyor Extension Option)
37	155-08R17-126-1	2	Hose, 1/4" x 126" (Cross Conveyor Extension Option)
NS	155-304-C-12	2	Plug (Truck Mounts)

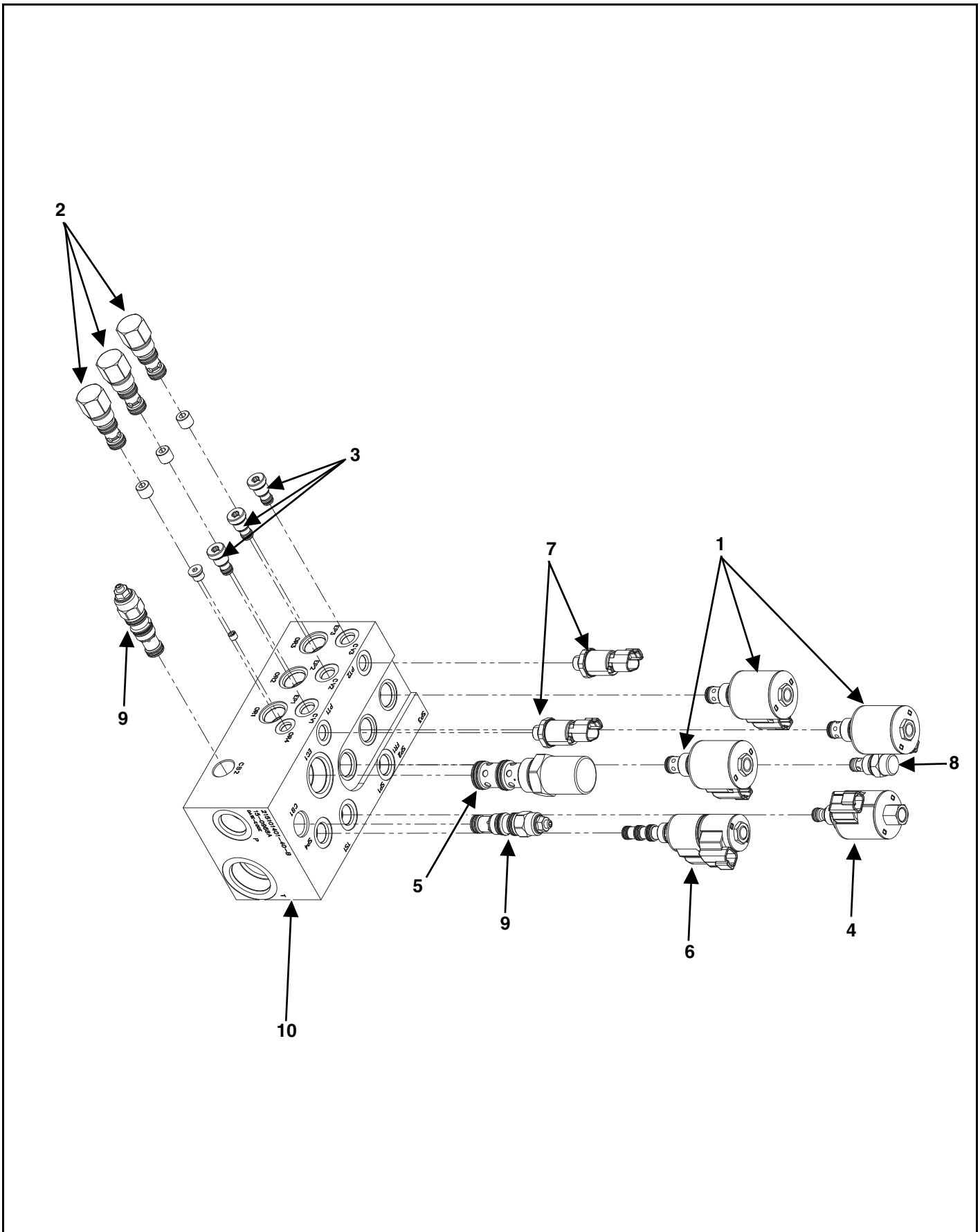
HYDRAULIC SYSTEM (SN 16T9204 & LATER) (INCLUDING 16T9201)

REAR CIRCUIT PRESSURE LINE GATE DELAY



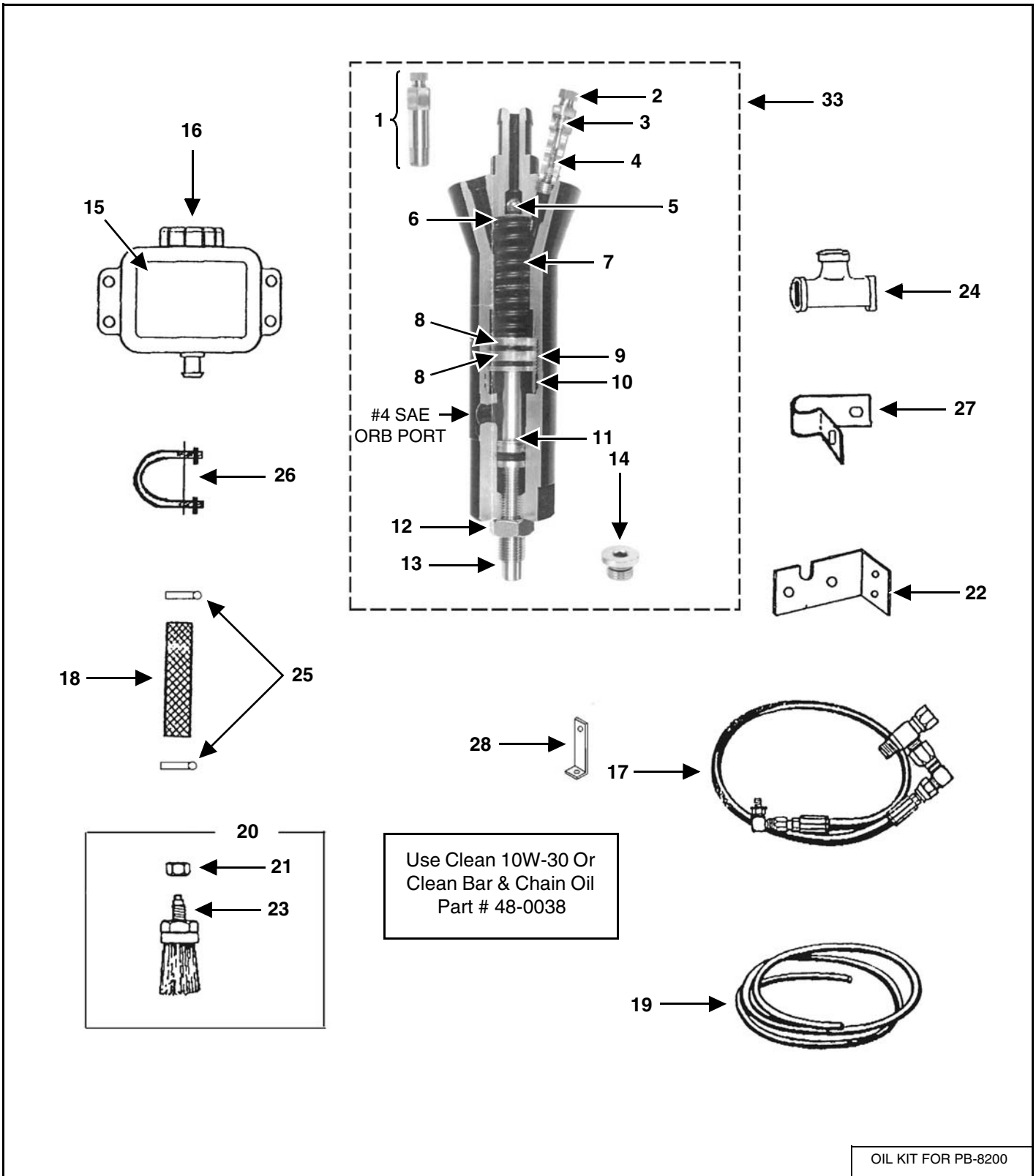
KEY	PART NUMBER	QTY	DESCRIPTION
1	55-0088	1	Unload Motor
2	55-0076-SAE	1	Flow Control
3	155-2-1.125-1-CSK	1	Chief Hydraulic Cylinder Seal Kit (Prior to SN 19T9201) (Truck Mount)
	155-2-1.125-1-DSK	1	Delevan Hydraulic Cylinder Seal Kit (Prior to SN 19T9201) (Truck Mount)
	155-2-1.125-1-MSK	1	Maxim Hydraulic Cylinder Seal Kit (Prior to SN 19T9201) (Truck Mount)
	55-0307	1	3/8" NPT Breather Vent 150 PSI (Prior to SN 19T9201)
	155-D-1.25-10-1	1	Hydraulic Cylinder
	155-D-1.25-SK	1	Hydraulic Cylinder Seal Kit (SN 19T9201 & Later)
4	952-0001-1-18	1	Reservoir, 2 qt.
5	952-0001-1	1	Oiler Kit
6	55-0007-B	1	Valve, Check, 3/4"
7	155-6902-10-12	2	Adapter, 45°
8	55-0201	1	Adapter, Tee
9	155-5406-12-6	1	Adapter, Straight
10	155-CV-375-1	1	Valve, Check
11	55-0055	1	3/8" x 3/8" Swivel Elbow (Prior to SN 19T9201)
	155-6901-6-6	1	Adapter, 90° (SN 19T9201 & Later)
12	155-1404-6-6	1	Adapter, Straight, Orifice
13	955-3708	1	Adapter, 90°
14	155-6901-12-12	2	Adapter, 90°
15	55-0079	2	Tee
16	55-0174	1	Adapter, Straight
17	55-0081	1	Plug
18	55-0027	2	Elbow, 3/4"
19	155-6G2-228-1	1	Hose, 3/8" x 228"
20	550049	1	Hose, 3/4" x 65"
21	655-0015-8	2	Hose, 3/4" x 80"
22	55-0029	2	Hose, 3/4" x 36"
23	55-0199	1	Hose, 1/4" x 75"
24	952-0001-1-20A	1	Tubing, 5/8: I.D.
25	8222-55-0022	2	Pipe, 3/4" x 209"
	8224-55-0020	2	Pipe, 3/4" x 233"
	8226-55-0126	2	Pipe, 3/4" x 249"

HYDRAULIC MANIFOLD (SN 16T9204 & LATER) (INCLUDING 16T9201)



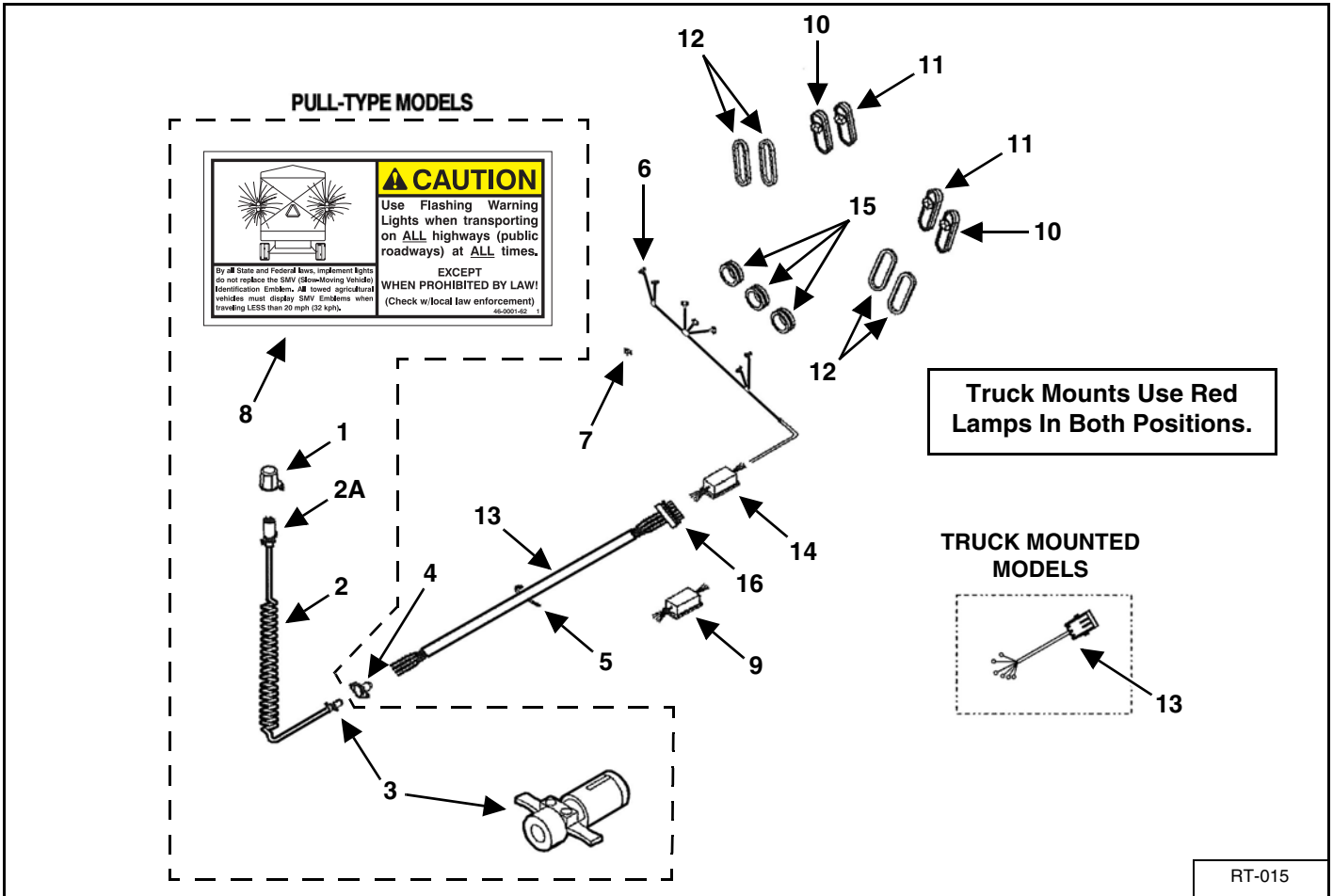
KEY	PART NUMBER	QTY	DESCRIPTION
0	55-0427-1	1	Hydraulic Manifold
1	55-0427-1-3	3	Proportional 2-Way Valve
2	55-0427-1-4	3	Piloted Spool Type Logic Element
3	55-0427-1-5	3	Check Valve Cartridge
4	55-0427-1-11	1	Proportional Relief Valve
5	55-0427-1-6	1	Pressure Compensator
6	55-0427-1-7	1	Proportional Directional Valve
7	55-0427-1-8	2	Pressure Sensor
8	55-0427-1-9	1	Flow Control Pressure Compensated
9	55-0427-1-10	2	Counter Balance Valve
10	55-0427-1-2	1	Manifold Block, Aluminum

OPTIONAL OIL KIT



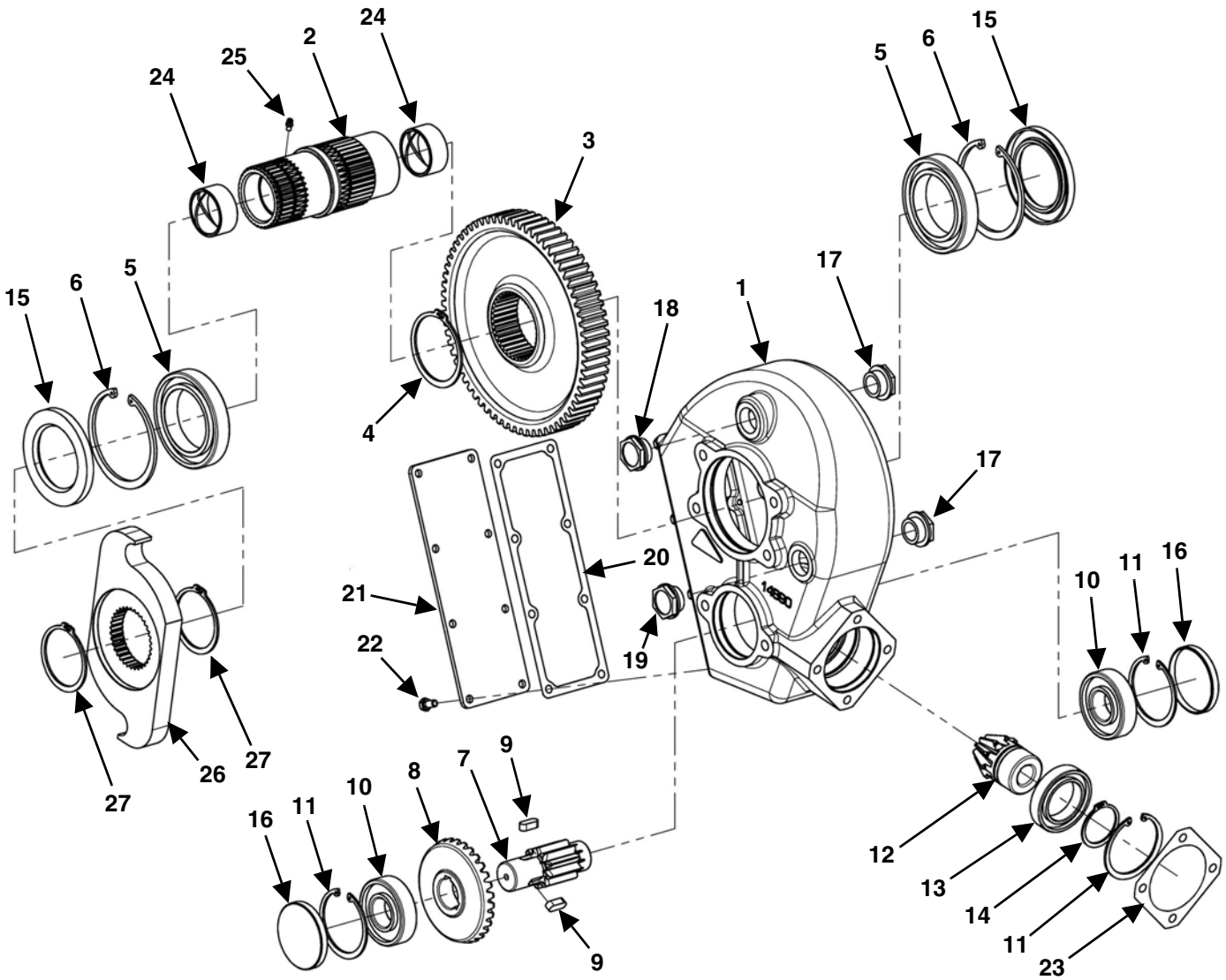
KEY	PART NUMBER	DESCRIPTION
1	952-0001-1-33	Holder, Manifold Valve Assembly
2	952-0001-1-27	Sleeve Nut Brass
3	952-0001-1-28	5/32" Brass Ferrule
4	952-0001-1-9	One Way Valve (Schrader Valve)
5	952-0001-1-11	Bearing, 7/16" Stainless
6	952-0001-1-10	Oiler Flst Screen 0.906" Diameter
7	952-0001-1-5	Oiler Spring
8	952-0001-1-8	Oiler Piston O-Ring
9	952-0001-1-4	Piston, 2 Groove Alum, Short
10	952-0001-1-6	Washer, Rubber Lube Minder
11	952-0001-1-7	O-Ring, Adjustable End Cap Plunger
12	952-0001-1-16	Jam Nut, 1/2"-20
13	952-0001-1-3	Plunger, Brass Adjustable End Cap
14	952-0001-1-32	1/8" Hex Head Pipe Plug
15	952-0001-1-18	Reservoir Two Quart Tank
16	952-0001-1-35	Reservoir Cap Only
17	55-0199	Hydraulic Hose Assembly Meyer Mfg.
18	952-0001-1-20	Tubing 5/8" ID Clear Polybraid
19	952-0001-1-21	Tubing 5/32" Nylon (Feet)
20	952-0001-1-25	Brush Assembly No 5/32" Insert
21	813-5020-Z	Plated Nut, 1/2"-20
22	952-0001-1-17	Bracket Oiler Mounting Pump
23	952-0001-1-14	5/32" Push In Insert (Nycoil)
24	955-3803	BM Pipe Tee 3/8" x 3/8" x 3/8"
25	952-0001-1-30	Hose Clamp, 1"
26	952-0001-1-31	U-Bolt Assembly # 9
27	08-0050	Loom Clamp, 5/16"
28	952-0001-1-2	Brush Holder
29	952-0001-1-36	Complete Oiler Body Pump Assembly
	952-0001-1-36-R	Oiler Pump Rebuild Kit

REAR LIGHTING



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	56-0124	1	8118 Light Harness W/6-Pin Wire End
	56-0125	1	8120 Light Harness W/6-Pin Wire End
	56-0126	1	8122 Light Harness W/6-Pin Wire End
	56-0127	1	8124 Light Harness W/6-Pin Wire End
	56-0128	1	8126 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

FRONT MAIN APRON GEARBOX

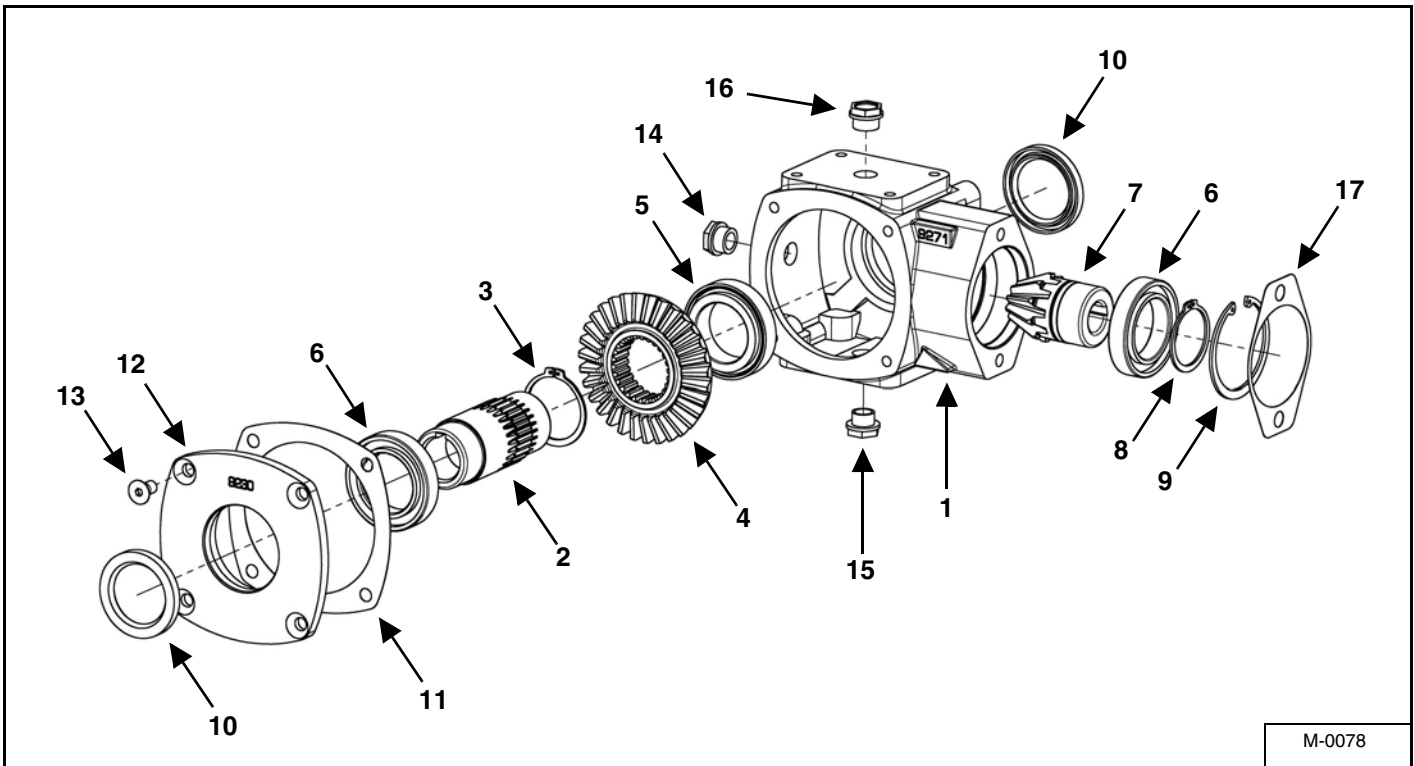


NOTE: The seal for the hydraulic motor (Key 23) should be installed dry or with light oil. The hydraulic motor mounting bolts should be torqued to 63 ft-lbs (or 85 N-m).

RT-045

KEY	PART NUMBER	QTY	DESCRIPTION
0	19-0202	1	Front Main Apron Gearbox
1	19-0201-1	1	Housing
2	19-0202-1	1	Hub
3	19-0201-3	1	Gear
4	19-0201-4	1	Snap Ring
5	19-0201-5	2	Bearing
6	19-0201-6	2	Snap Ring
7	19-0201-7	1	Pinion
8	19-0201-8	1	Gear
9	19-0201-9	2	Key
10	619-0001-15	2	Bearing
11	619-0001-16	3	Snap Ring
12	19-0201-10	1	Pinion
13	619-0012-2	1	Bearing
14	619-0001-19	1	Snap Ring
15	19-0201-11	2	Oil Seal
16	619-0001-22	2	Seal Cover
17	19-0201-12	2	Oil Plug Ø 1" Gas
18	619-0001-20	1	Oil Breather Plug Ø 1" Gas
19	619-0001-21	1	Oil Level Indicator Ø 1" Gas
20	19-0201-13	1	Gasket, Cover Plate
21	19-0201-14	1	Cover Plate
22	619-0001-27	8	Screw,Hex-HD M8 x 16
23	619-0001-28	1	Gasket
24	19-0202-3	2	Bushing
25	19-0202-4	1	Grease Fitting
26	19-0202-5	1	Front Drive Gearbox "S" Plate
27	19-0202-6	2	Snap Ring

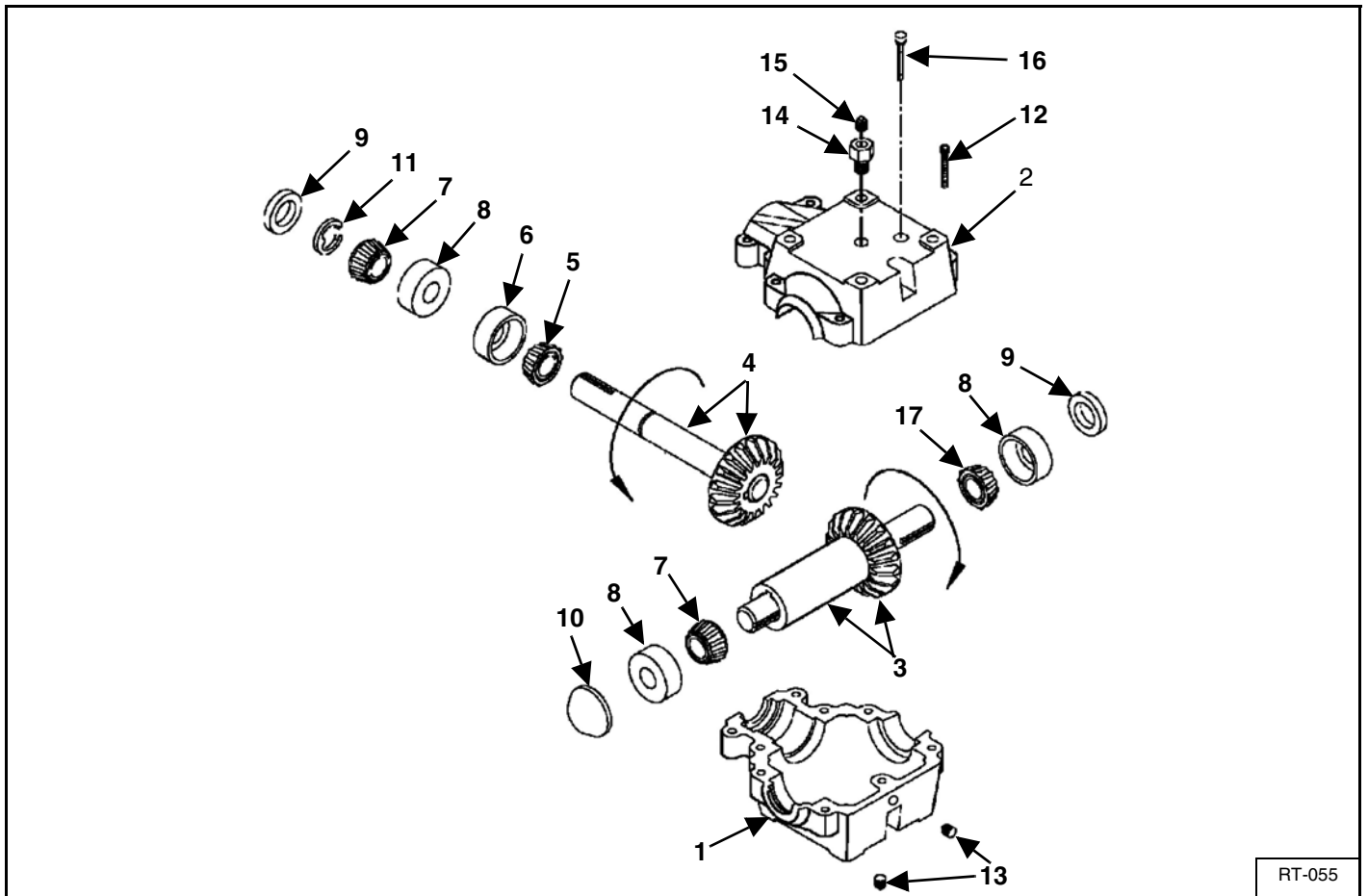
AUGER GEARBOX



M-0078

KEY	PART NUMBER	QTY	DESCRIPTION
0	19-0203	1	RT90 Auger Gearbox
1	19-0203-1	1	Housing RT90
2	19-0203-2	1	Hub
3	19-0203-3	1	Snap Ring
4	19-0203-4	1	Gear
5	19-0203-5	1	Output Bearing
6	619-0012-2	2	Bearing
7	19-0201-10	1	Pinion
8	619-0001-19	1	Snap Ring
9	619-0001-16	1	Snap Ring
10	19-0203-10	2	Double Lip Oil Seal
11	19-0203-11	1	Gasket
12	19-0203-12	1	Cover
13	19-0203-13	4	Screw M10 x 20
14	19-0203-14	1	Oil Level Indicator Ø 1/2"
15	19-0203-15	1	Oil Plug Ø 1/2"
16	19-0203-16	1	Oil Breather Plug Ø 1/2"
17	19-0203-17	1	Gasket

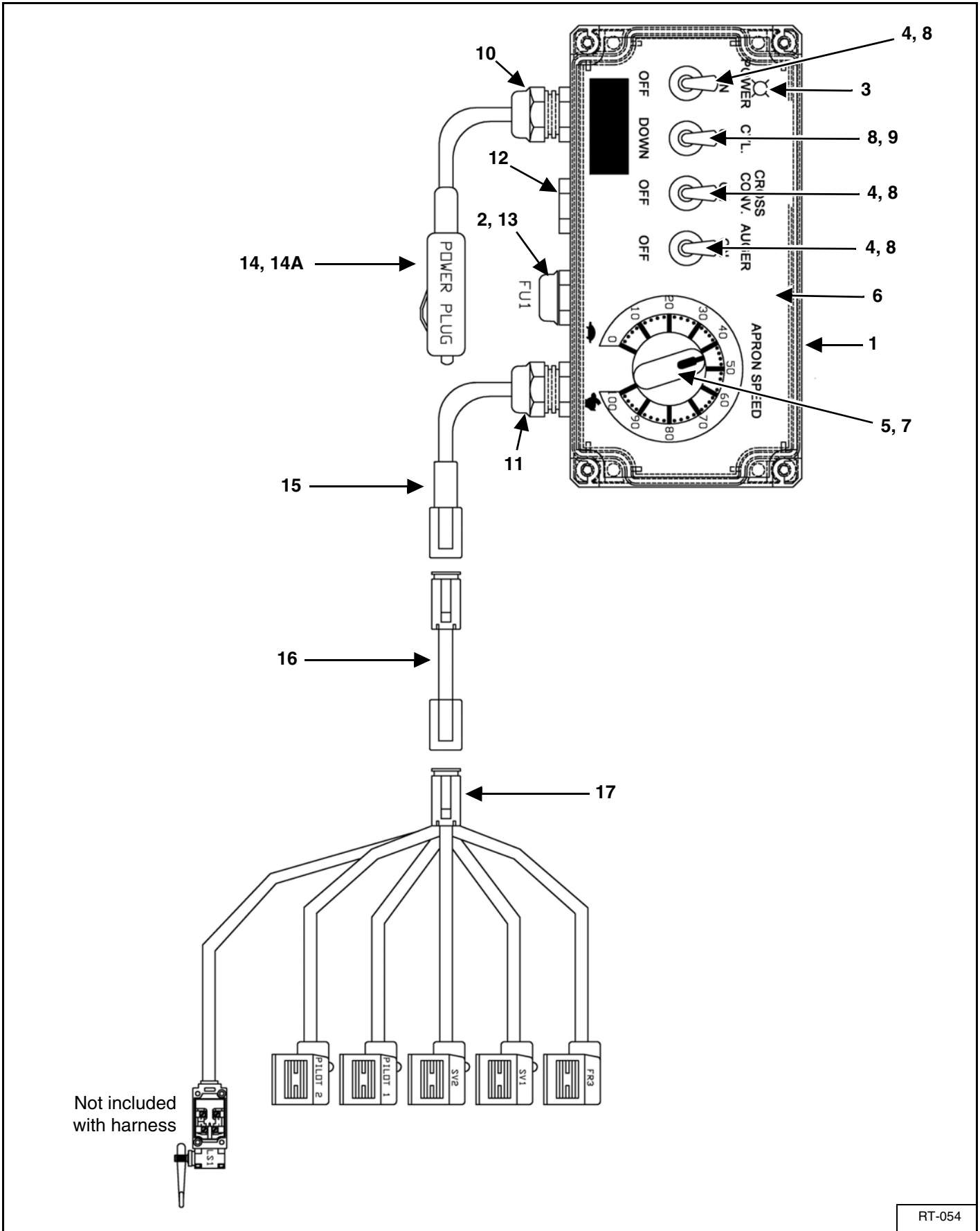
REAR GEARBOX



RT-055

KEY	PART NUMBER	QTY	DESCRIPTION
	19-0039	1	Complete Gearbox
1	19-0039-1	1	Casting, Machined (Tapped Holes)
2	19-0031-2	1	Casting, Machined (Thru Holes)
3	19-0036-1	1	Cross Shaft / Gear Assembly
4	19-0031-4	1	Pinion Shaft / Gear Assembly
5	19-0029-5	1	Bearing Cone
6	19-0029-6	1	Bearing Cup
7	19-0029-7	2	Bearing Cone
8	19-0029-8	3	Bearing Cup
9	19-0029-9	2	Seal, 1-3/4"
10	19-0029-10	1	End Plug, Rubber Cover
11	19-0029-11	1	Retaining Ring, 1.750"
12	19-0016-11	12	Bolt, 3/8-16 x 2.250 SHCS
13	19-0016-5	1	Plug, 1/2" NPT
14	19-0023-2	1	Bushing, 1/2" NPT to 1/8" NPT
15	19-0002-17	1	Plug, Pressure Relief, 5 PSI
16	19-0031-5	1	Dip Stick, Standard
17	19-0029-16	1	Bearing Cone, 1-3/4"

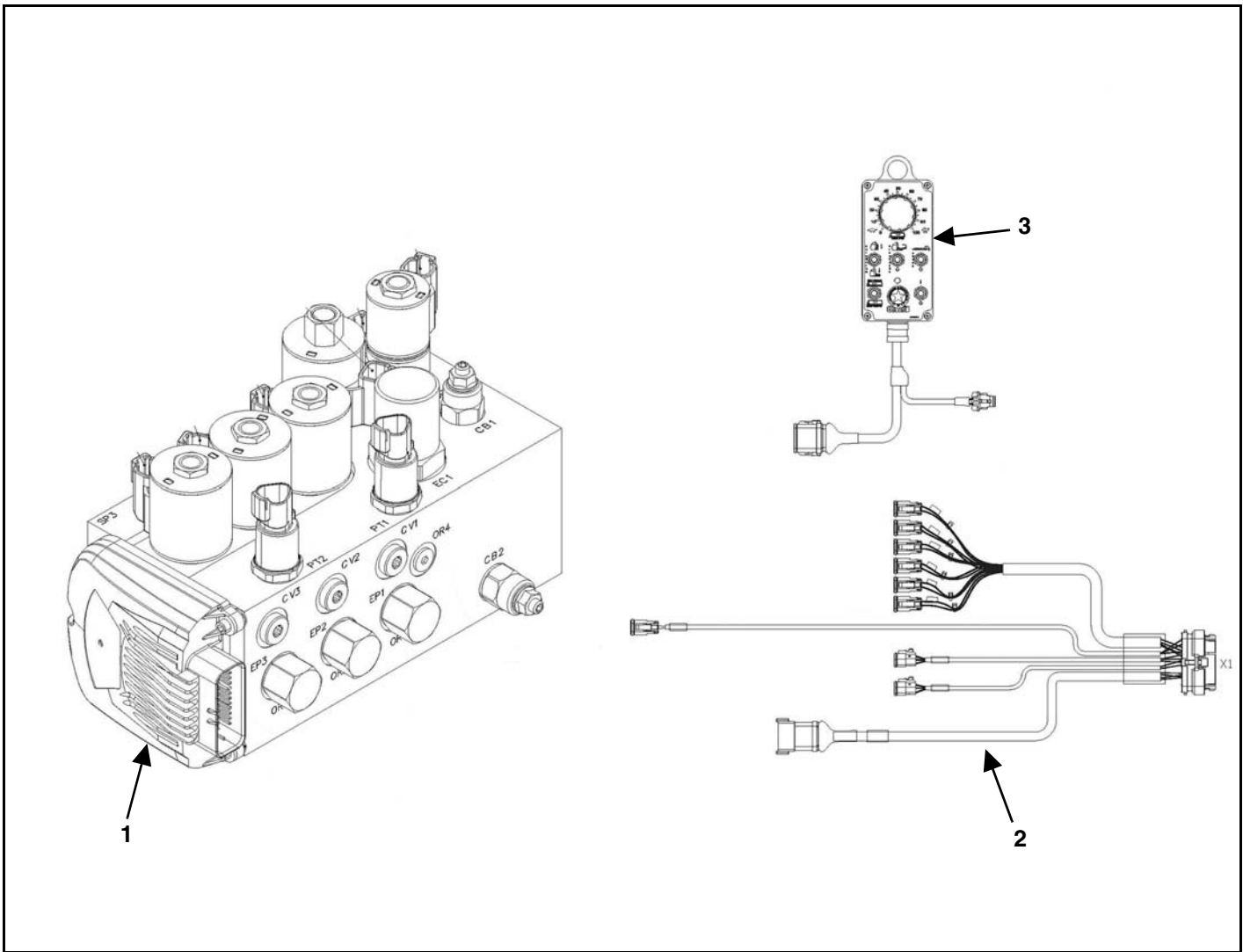
CONTROLLER (PRIOR TO SN 16T9204) (EXCLUDING 16T9201)



RT-054

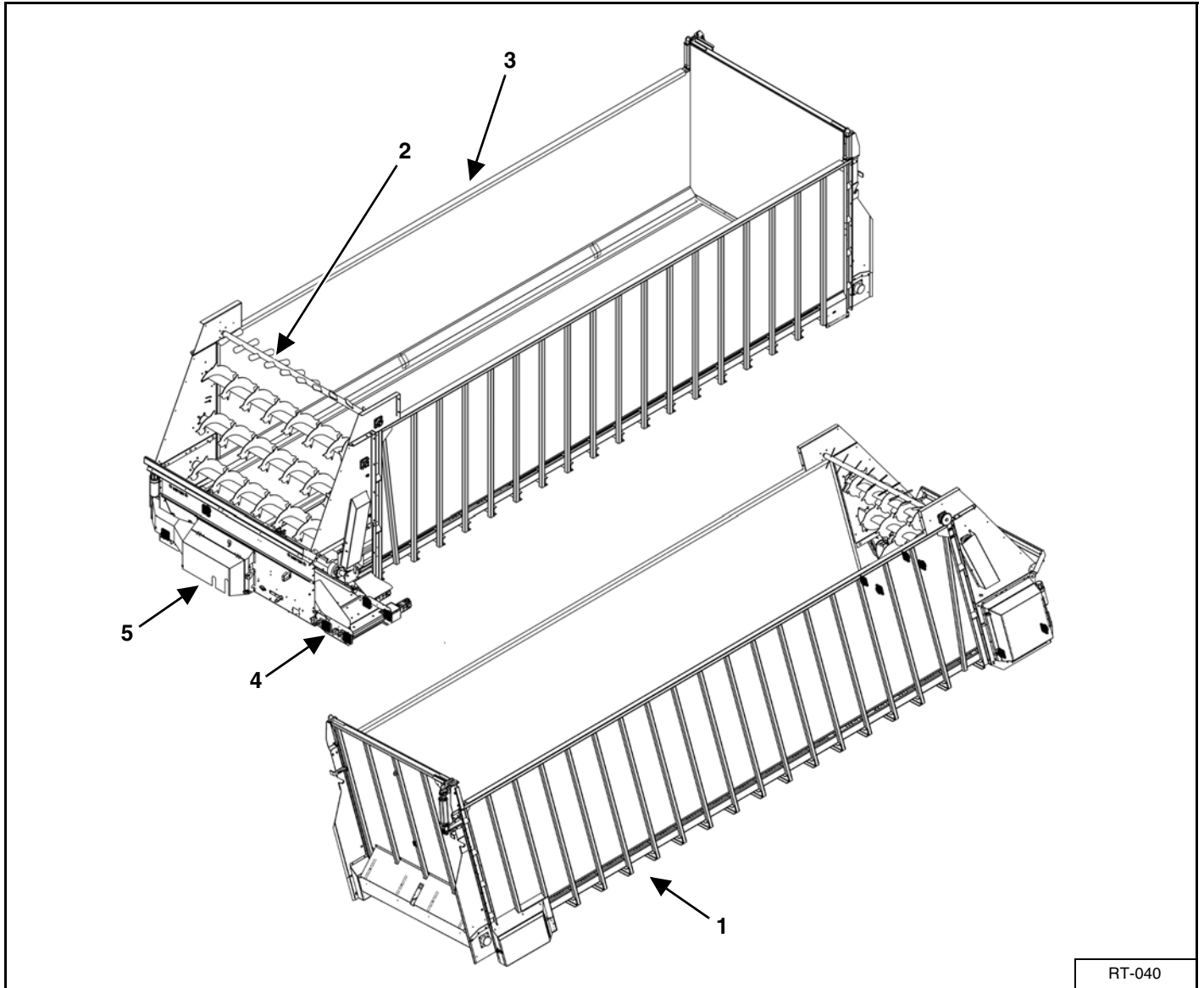
KEY	PART NUMBER	QTY	DESCRIPTION
0	55-0303	1	8200 Control Box, W / Wire Assemblies
1	55-0303-20	1	Control Box Assembly Only
2	56-0121-1-5	1	Fuse Holder
3	55-0303-10	1	Pilot Light
4	55-0303-2	3	Toggle Switch 2 Position
5	56-0122-6	1	Potentiometer 10K
6	55-0303-12	1	Nameplate
7	56-0122-7	1	Potentiometer Knob
8	55-0303-3	4	Toggle Switch Boot
9	55-0303-1	1	Toggle Switch On-Off-Momentary On
10	55-0303-4	1	Cord Grip
11	55-0303-5	1	Cord Grip
12	156-LHP-.625-1	1	Hole Plug
13	56-0121-1-6	1	Fuse, 1.5A
14	55-0303-13	1	12VDC Power Plug
14A	55-0303-14	1	Fuse 6A
15	55-0303-16	1	Control Box Wire Assembly
16	55-0303-17	1	Control Box Extension Wire Assembly
17	55-0303-18	1	Control Box DIN Harness

CONTROLLER (SN 16T9204 & LATER) (INCLUDING 16T9201)



KEY	PART NUMBER	QTY	DESCRIPTION
1	55-0427-1-1	1	Controller Assembly
2	55-0427-3	1	Wiring Harness Assembly
3	55-0427-2	1	Pendant & Harness Assembly

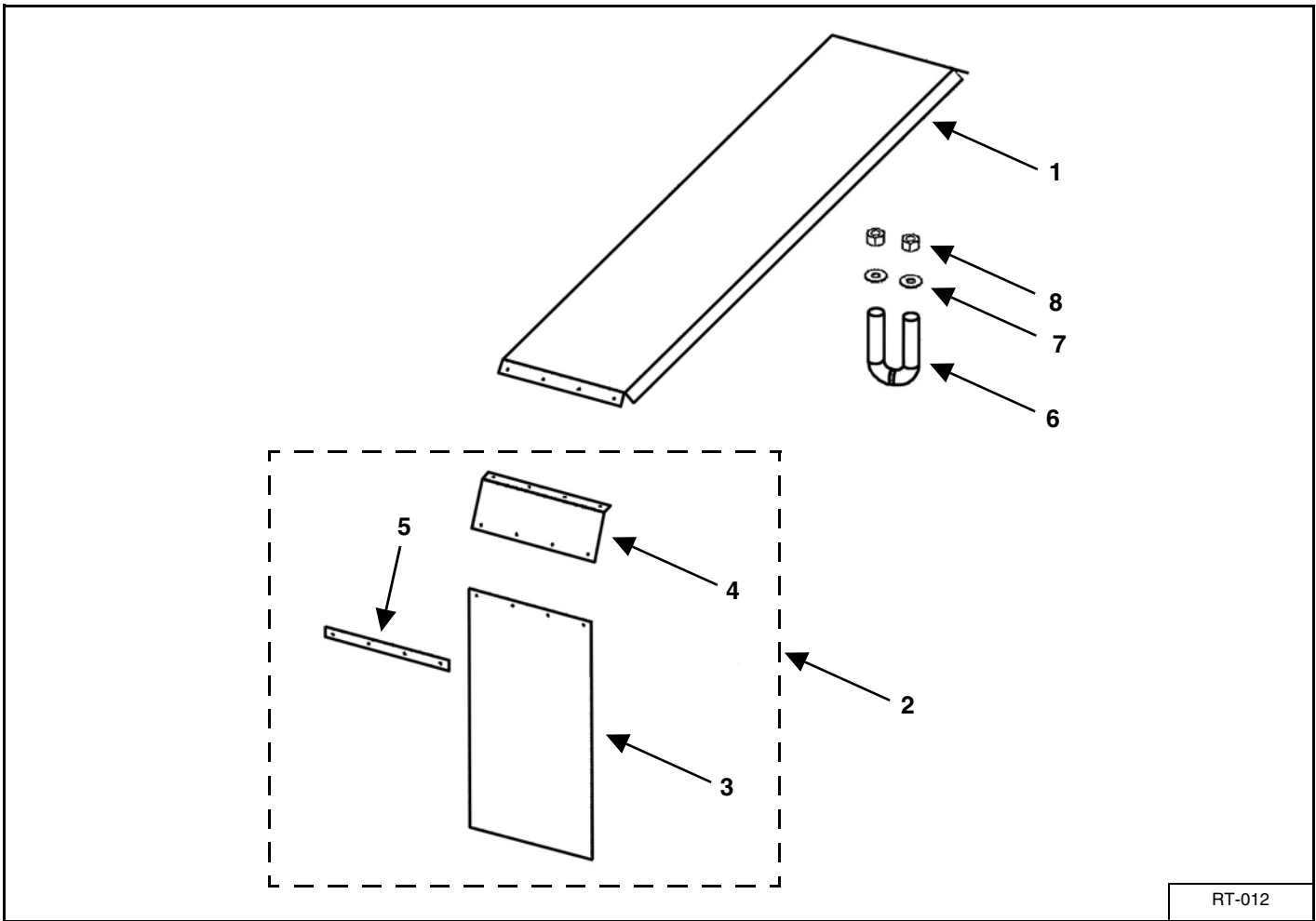
10.0 OPTIONAL EQUIPMENT



RT-040

KEY	DESCRIPTION	PAGE #
1	TRUCK MOUNT FENDER AND MUD FLAP	104
	OPTIONAL WAGON MOUNT KIT	105
2	4TH AUGER OPTION	106
3	HEIGHT EXTENSION	107
4	EXTENSION (T900)	108
5	CONTROLLER (ELECTRONIC SELECTOR VAVLE)	110

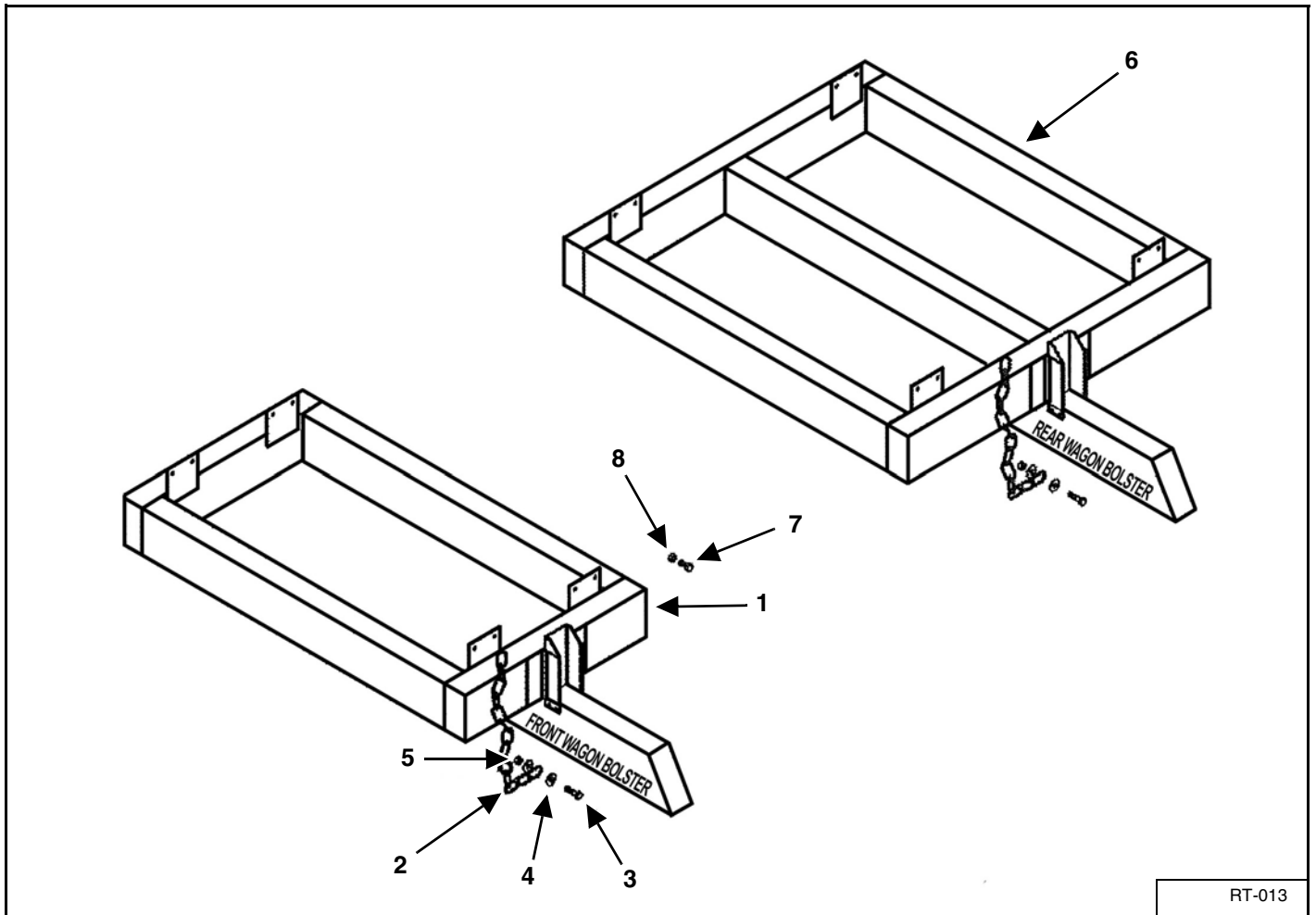
TRUCK MOUNT FENDER AND MUD FLAP



RT-012

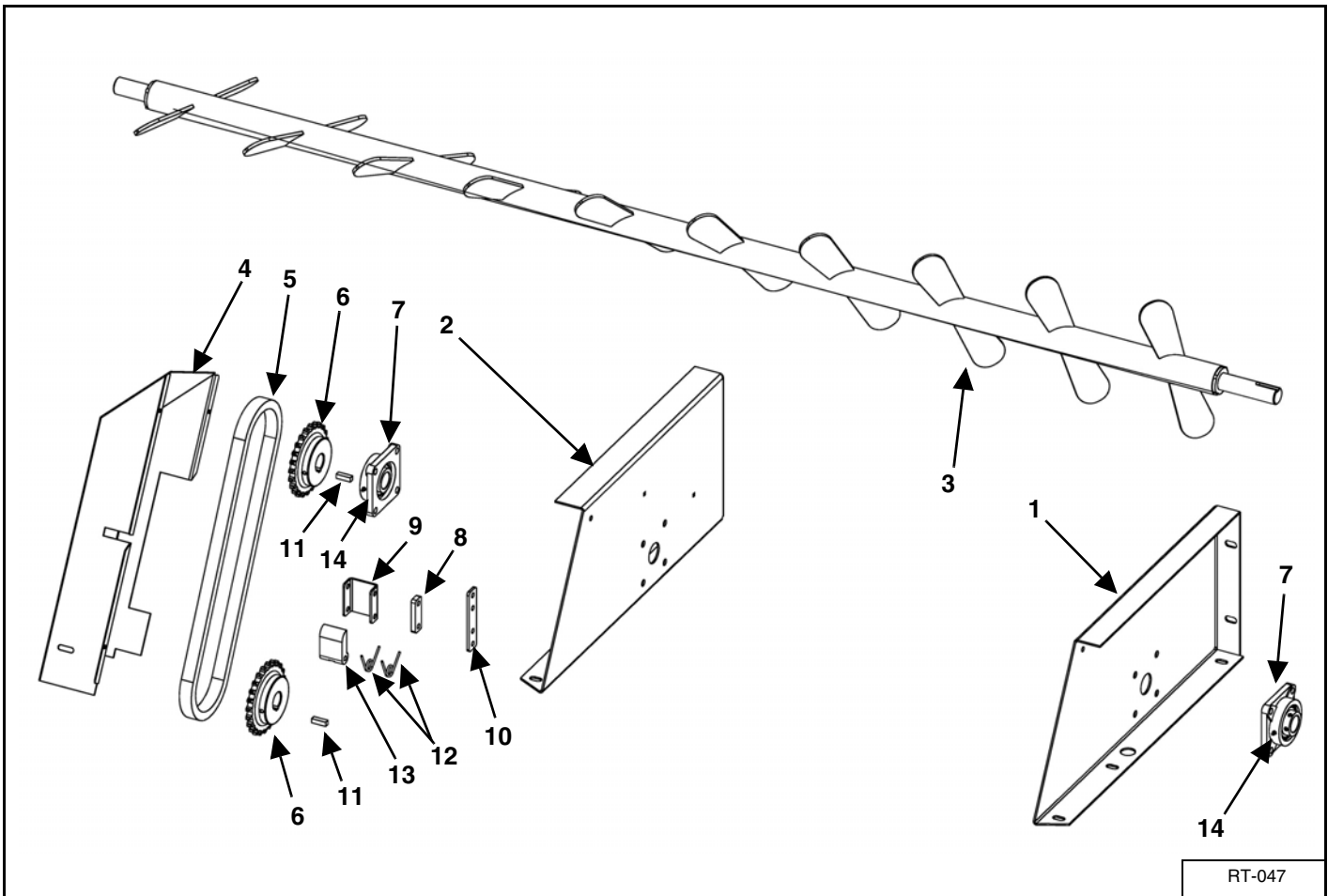
KEY	PART NUMBER	QTY	DESCRIPTION
1	8100-FENDER	1	Red Fender Kit with Mounting Hardware, No Mud Flap
	25-8008	2	Red Fender Only
2	8100-MUD-FLAP	1	Mud Flap & Bracket Kit
3	49-0092	2	Mud Flap
4	25-8014-1	2	Mud Flap Mounting Bracket
5	25-8212	2	Mud Flap Attaching Strip
6	52-0026-5	8	1/2" U-Bolt
7	804-0050-Z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

OPTIONAL WAGON MOUNT KIT



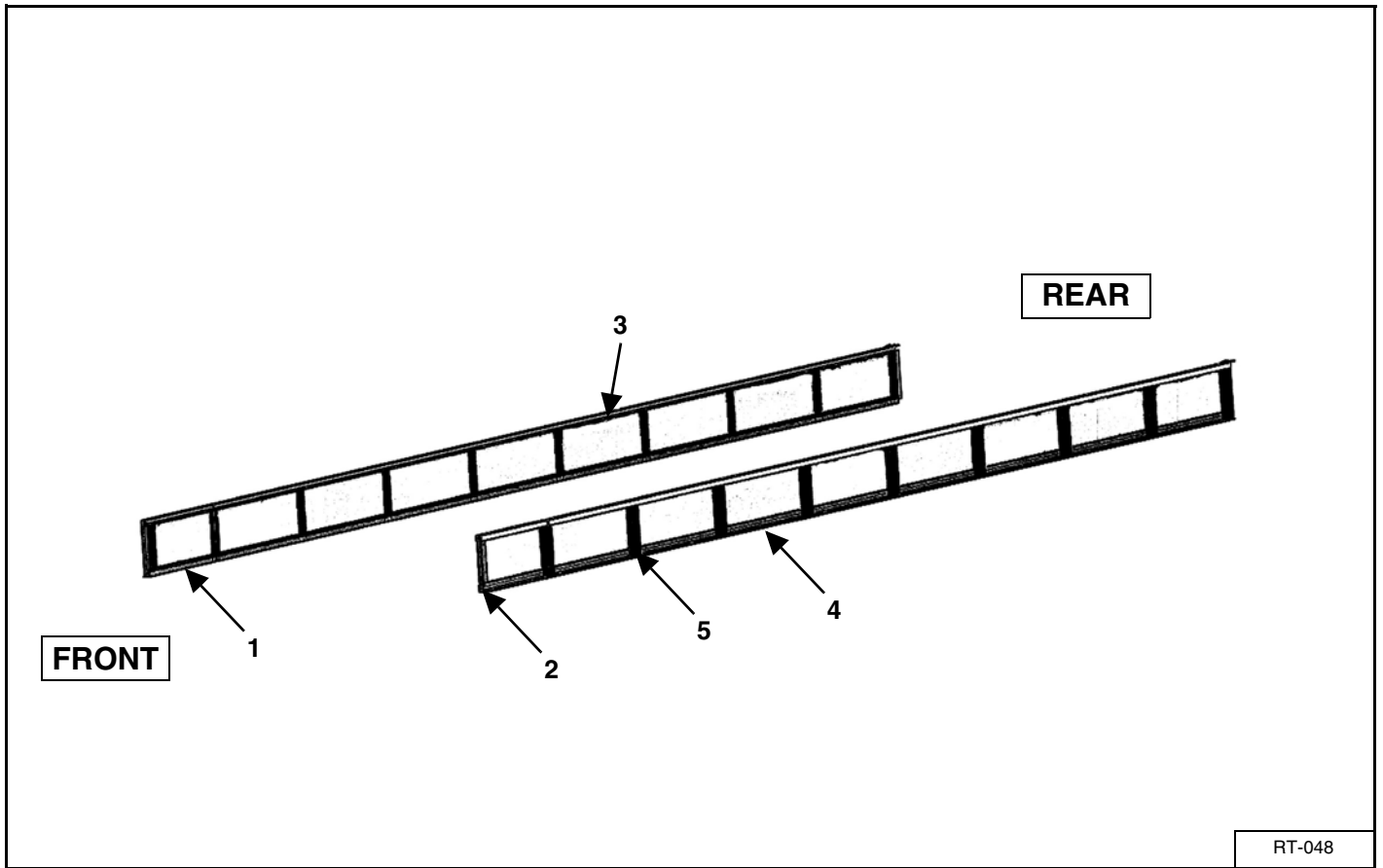
KEY	PART NUMBER	QTY	DESCRIPTION
0	8100-WAGON	1	Wagon Mount Kit
1	25-8025	1	Wagon Mount Weldment - Front
2	75-0341-4-HD	4	Chain, 61" Long
3	851-3816-1.5Z	4	Bolt, 3/8"-16 x 1.5" Hex Head Machine Bolt
4	805-0038-Z	8	Washer, 3/8" Flat
5	814-3816-Z	4	Nut, 3/8"-16 Center Lock
6	25-8026	1	Wagon Mount Weldment - 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	27-0110-LH	1	4th Auger Plate Left Side
2	27-0110-RH	1	4th Auger Plate Right Side
3	26-0103	1	4th Auger Weldment
4	24-0217	1	3rd / 4th Auger Shield Assembly
5	111-0060-77	1	#60 Roller Chain
6	10-0100	2	60B24 1-3/8" Bore Sprocket
7	14-0060	2	1-3/8" 4 - Bolt Bearing
8	25-0504	1	Lower Chain Tightener Spacer
9	25-0047	1	Auger Chain Tightener Bracket
10	100-8201-2-1-10	1	Chain Tightener Mount
11	35-0006	2	3/8" x 1-1/4" Square Key 1045
12	29-0002	2	Tightener Spring
13	41-0002	1	Nylon Tightener Paddle
14	933-3602	2	Compression Fitting
NS	735-.25CT	AR	Grease line (by the foot)

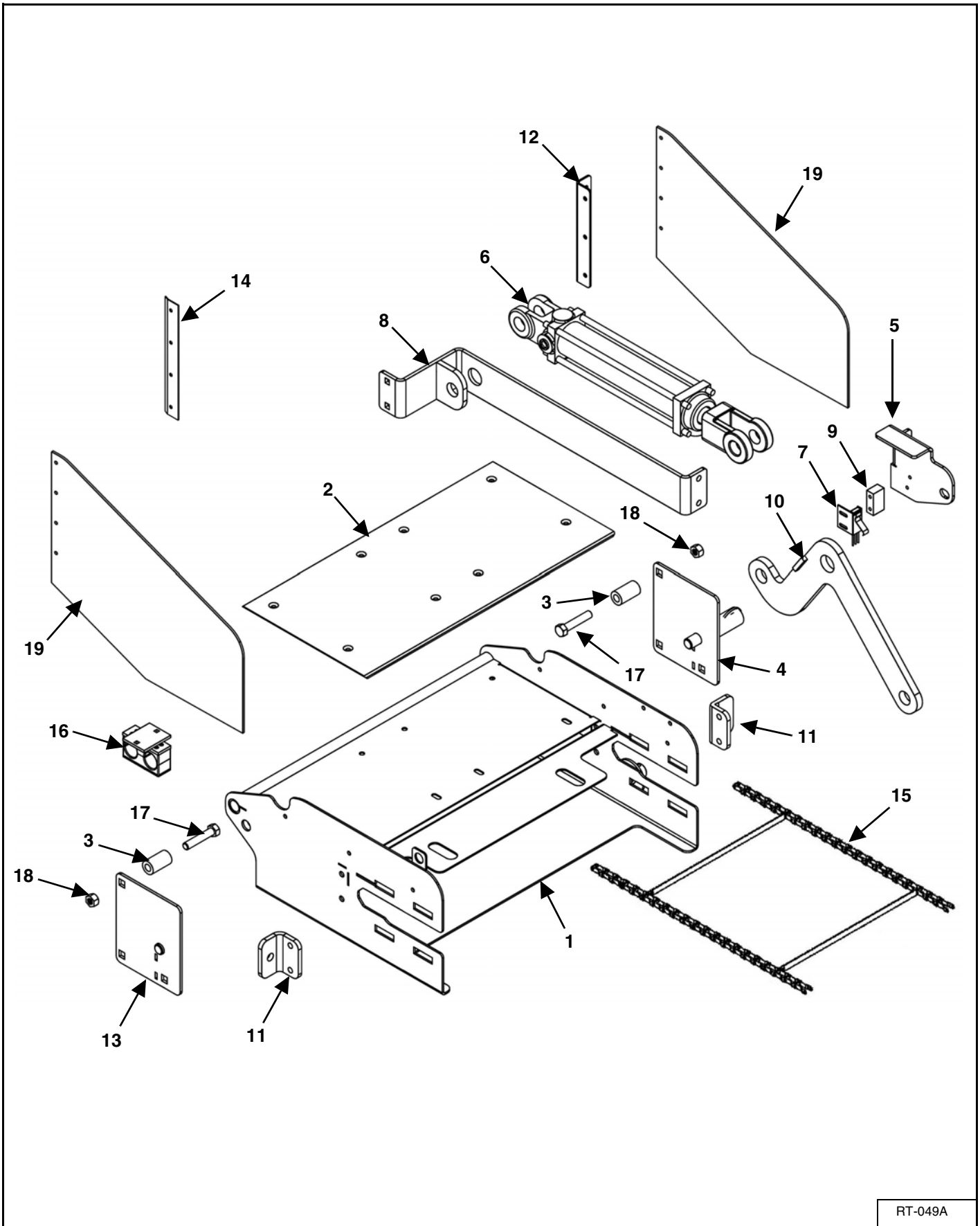
EXTENSION



RT-048

KEY	PART NUMBER	QTY	DESCRIPTION
0	8200-NEXT-22	1	8222 Screen Extension Package
	8200-NEXT-22-S	1	8222 Solid Extension Package
	8200-NEXT-24	1	8224 Screen Extension Package
	8200-NEXT 24-S	1	8224 Solid Extension Package
	8200-NEXT-26	1	8226 Screen Extension Package
	8200-NEXT-26-S	1	8226 Solid Extension Package
1	25-8559	1	8224 Right Front Screen Extension
	25-8557	1	8224 Right Front Solid Extension
	25-8567	1	8226 Right Front Screen Extension
	25-8565	1	8226 Right Front Solid Extension
2	25-8558	1	8224 Left Front Screen Extension
	25-8556	1	8224 Left Front Solid Extension
	25-8566	1	8226 Left Front Screen Extension
	25-8564	1	8226 Left Front Solid Extension
3	25-8563	1	8222 Right Rear Screen Extension
	25-8561	1	8222 Right Rear Solid Extension
	25-8517	1	8224 / 8226 Right Rear Screen Extension
	25-8521	1	8224 / 8226 Right Rear Solid Extension
4	25-8562	1	8222 Left Rear Screen Extension
	25-8560	1	8222 Left Rear Solid Extension
	25-8516	1	8224 / 8226 Left Rear Screen Extension
	25-8520	1	8224 / 8226 Left Rear Solid Extension
5	25-8516-6	2	Extension Splice Cover

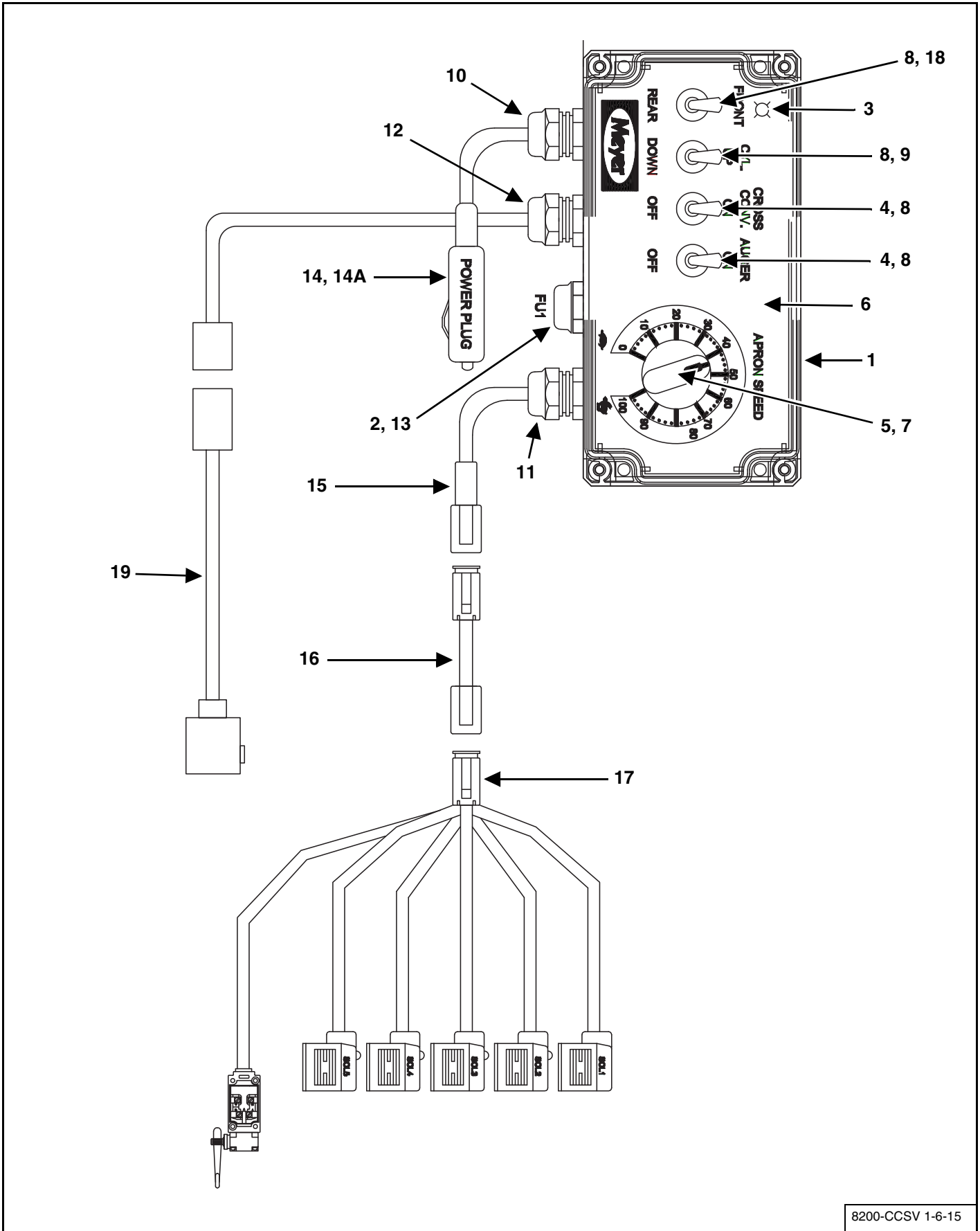
EXTENSION (T900)



RT-049A

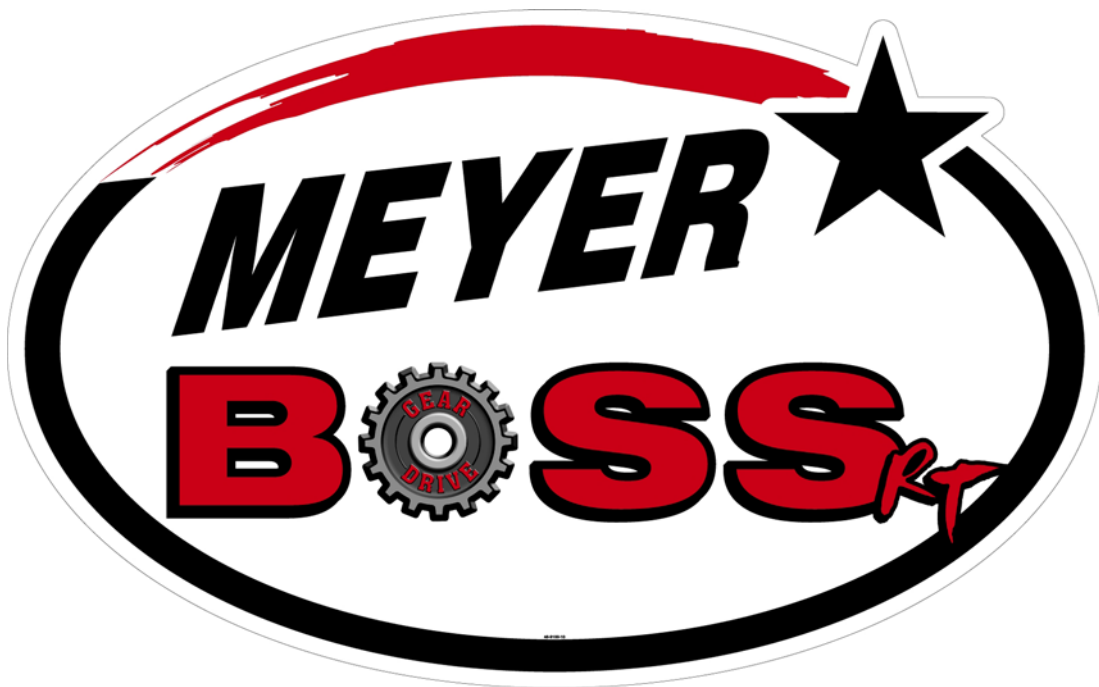
KEY	PART NUMBER	QTY	DESCRIPTION
1	45-0020-1	1	Extension Frame Assembly (24" Extension)
	45-0031-1	1	Extension Frame Assembly (36" Extension)
2	45-0020-4	1	Extension Poly Cover (24" Extension)
	45-0031-4	1	Extension Poly Cover (36" Extension)
3	23-0211	2	Chain Hold Down Shaft
4	45-0021	1	Extension Rear Pivot Pin Assembly
5	45-0025	1	Extension Pivot Arm Mount Bracket
6	55-0227	1	2" x 10" Hydraulic Cylinder
7	56-0098	1	Tilt Switch
8	45-0023	1	Extension Hydraulic Cylinder Mount Assembly
9	45-0028	1	Tilt Switch Spacer Block
10	45-0024	1	Extension Pivot Arm Weldment
11	25-0506	2	Pulley Bearing Adjustment Mount Bracket
12	25-0075	1	Extension Belting Bracket
13	45-0022	1	Extension Front Pivot Assembly
14	45-0032	1	Extension Deflector Guide
15	11-0274-2	1	Cross Apron 81x Chain Extension Assembly (10 Link) (24" Extension)
	11-0273-1	1	Cross Apron 81x Chain Extension Assembly (20 Link) (36" Extension)
16	25-0521	1	Bottom Hydraulic Hose Bracket Weldment
17	851-5013-2.5Z	2	1/2" x 2-1/2" Bolt
18	810-5013-Z	2	1/2" Spin Lock Nut
19	49-0210	2	Extension Side Belt (24" Extension)
	49-0323	2	Extension Side Belt (36" Extension)
NS	155-12R16-147-1	2	3/4" x 147" Hydraulic Hose (24" Extension)
NS	155-12R16-159-1	2	3/4" x 159" Hydraulic Hose (36" Extension)
NS	155-4R16-110-1	1	1/4" x 110" Hydraulic Hose (24" Extension)
NS	155-4R16-122-1	1	1/4" x 122" Hydraulic Hose (36" Extension)
NS	49-0149	1	Hydraulic Hose Support Belt

CONTROLLER (CAB CONTROL SELECTOR VALVE) (PRIOR TO SN 16T9204)(EXCLUDING 16T9201)



8200-CCSV 1-6-15

KEY	PART NUMBER	QTY	DESCRIPTION
0	55-0325	1	8200 Control Box, W / Wires & Assembly, CCSV
1	55-0325-2	1	Control Box Assembly Only
2	55-0303-7	1	Fuse Holder
3	55-0303-10	1	Pilot Light
4	55-0303-2	2	Toggle Switch 2 Position
5	56-0122-6	1	Potentiometer 10K
6	55-0303-12	1	Nameplate
7	55-0303-9	1	Potentiometer Knob
8	55-0303-3	4	Toggle Switch Boot
9	55-0303-1	1	Toggle Switch On-Off-Momentary On
10	55-0303-4	1	Cord Grip
11	55-0303-5	1	Cord Grip
12	55-0303-25	1	Cord Grip
13	55-0303-8	1	Fuse, 1.5A
14	55-0303-13	1	12VDC Power Plug
14A	55-0303-14	1	Fuse 6A
15	55-3030-16	1	Control Box Wire Assembly
16	55-0303-17	1	Control Box Extension Wire Assembly
17	55-0303-18	1	Control Box DIN Harness
18	55-0325-1	1	Toggle Switch, SPDT, CCSV
19	55-0325-3	1	CCSV Valve To Control Box Harness



11.0 SPECIFICATIONS

DIMENSIONS	8222	8224	8226
Inside Length	22'	24' 8"	26'
Inside Width	97"	97"	97"
Inside Height - no extension	72"	72"	72"
Inside Height w/14" extension	85.5"	85.5"	85.5"
Overall Length	27' 1"	29' 8"	31'
Overall Width W Convey. Ext.	119"	119"	119"
Overall Width W / O Convey. Ext.	117'	117'	117'
Overall Height - no extension (top of gate) *	103.5"	103.5"	103.5"
Overall Height w/14" extension (top of gate) *	115.5"	115.5"	115.5"
Overall Side Height - no extension *	88.25"	88.25"	88.25"
Overall Side Height - extension *	102"	102"	102"
Stringer Width (Truck/Trailer Mount)	33.5"	33.5"	33.5"
Capacity (struck level) Cu. Ft. - no extension	1075	1200	1260
Capacity (struck level) Cu. Ft. - w/14" extension	1280	1400	1495
*Height measurements - Straight Truck Mounted Units require hardware which adds approximately 1.5" to height.			

SPECIFICATIONS	8222	8224	8226
Maximum Net Load (off road rating)	25 ton	25 ton	25 ton
Apron Chains (pintle)	667XH	667XH	667XH
Cross Conveyor Apron Chain	HD 81X	HD 81X	HD 81X
Rear Drive Shaft (HD Solid Shaft)	2-3/8"	2-3/8"	2-3/8"
Front Hydraulic Direct Geardrive	STD	STD	STD
Rear Unload Power Source	Dual #120	Dual #120	Dual #120
Upright Spacing	16" o/c	16" o/c	16" o/c
Upright / Cross Member Construction	2 x 2 tubing	2 x 2 tubing	2 x 2 tubing
Enclosed Side Frame/Cross Member Union	STD	STD	STD
Rear Unloading Time (Dependent of Hyd. System)	50 seconds	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.





Meyer Manufacturing Corporation

674 W. Business Cty Rd A

Dorchester, WI 54425

Phone: 1-800-325-9103

Fax: 715-654-5513

Email: sales@meyermfg.com

Website: www.meyermfg.com