

PB-9700



## 9700

Crop Pro 9724 • 9728 • 9732 Series

Attachment: FPX100 • FPX200

Trailer: Crop Pro SSTS32 • SSTS48

Owner/Operator's Manual  
&  
Parts Book

**Starting 2022 Model Year**



# 1.0 IMPORTANT INFORMATION

The implement serial number plate is located on the front left-hand side.

The attachment serial number is located on the left hand side of the attachment frame.

The trailer serial number is located on the front of the left frame rail above the manual holder.

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



Implement Model No. \_\_\_\_\_

Implement Serial No. \_\_\_\_\_

Attachment Model No. \_\_\_\_\_

Attachment Serial No. \_\_\_\_\_

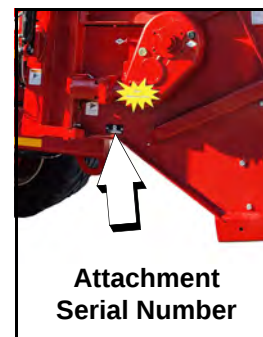
Trailer Model No. \_\_\_\_\_

Trailer Serial No. \_\_\_\_\_

Date of Purchase \_\_\_\_\_

Dealership \_\_\_\_\_

Dealership Phone No. \_\_\_\_\_



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

## HOW TO READ THE SERIAL NUMBER

### IMPLEMENT / TRAILER

EXAMPLE: 2297201

Model Year / Model / Sequence Of Build

↓ ↓ ↓  
22 97 201

### ATTACHMENT

EXAMPLE: CP222201

Model / Model Year / Sequence Of Build

↓ ↓ ↓  
CP2 22 201

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



## 2.0 PRE-DELIVERY & DELIVERY 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 Spreader 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. Refer to LUBRICATION on page 47.
- ☐ PTO shields turn freely.
- ☐ Main apron chains are at proper tension. Refer to ADJUSTMENTS on page 53.
- ☐ All roller chain and belt springs adjusted properly for automatic tensioning. Refer to ADJUSTMENTS on page 53.
- ☐ All stop/tail/turn lights work properly.
- ☐ Masking is removed from SMV decal on pull-type units.
- ☐ All decals are in place and legible.

#### 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 implement.
- ☐ Explain and review with customer the implements manufacturer's warranty.
- ☐ Show the customer where to find the serial number on the implement.
- ☐ Explain and review with the customer the **SAFETY PRECAUTIONS** on page 14.
- ☐ Explain and review with customer the proper "Start-up and Operating Procedures" sections of this manual.
- ☐ Demonstrate the PTO Shaft Locking Device and proper PTO shaft storage. Also, demonstrate 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 implement. Review with the customer the LUBRICATION and ADJUSTMENTS sections of this manual.
- ☐ Explain and review with customer the recommended loading and unloading procedures for different types of manure.
- ☐ Fully complete this PRE-DELIVERY & DELIVERY CHECK LIST with the customer.



## 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*

---

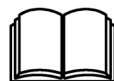
The 9700 is available as a pull-type unit pulled and powered by a farm tractor.

When the PTO is referred to, it means power take-off from the tractor.

The 9700 may be referred to as Crop Pro, spreader or implement 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 implement spreader by your dealer and the manufacturer when ordering repair parts. The serial number plate is located on the front left-hand side.



**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 number and serial number of the implement 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.



## 4.0 MANUFACTURER'S WARRANTY

01/2025

### MEYER 9700 CROP MAX SPREADER

- I. The "Product Registration & Inspection Certificate" along with the original billing invoice "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 Crop Pro Spreaders shall apply only to the original retail customer from an authorized Meyer Mfg. Corp. dealership.
- II. This warranty shall not apply to any Meyer Crop Pro Spreader which has been subjected to misuse, negligence, alteration, accident, incorrect operating procedures, or which shall have been repaired with parts other than those obtained through Meyer Mfg. Corp.
- III. Meyer Mfg. Corp. warrants new Meyer Implements to be free from defects in material and workmanship under recommended use and maintenance service, as stated in the "Owner / Operator's Manual & 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 Implements 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.
  - 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) with a "pro-rated" charge for parts only (not labor) during the stated time period from date of purchase to the original retail customer:
      - a. Seven (7) Years: After a period of (1) year, the spreader tank body is warranted against rust-through for an additional period of (6) years. (Pro-Rated Parts Only). Parts included, front and rear end panels, side panels.
- IV. COMMERCIAL USE: Coverage as in paragraph III.A.i. ONLY, except warranty coverage 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 any service call and/or transportation of the Implement to the dealership for warranty service or 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 other 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. This warranty is effective on all sales of Meyer Crop Pro Spreaders made after June 1, 2020.

#### Purchased Product Warranty:

This warranty does not apply to component parts not manufactured by Meyer such as but not limited to wheels, tires, tubes, PTO shafts, clutches, hydraulic cylinders, scales, tarps, etc.



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## 5.0 SAFETY

The Meyer implement is manufactured with operator safety in mind. Located on the implement are various safety signs to aid in operation and warn of danger or caution areas. Pay close attention to all safety signs on the implement.

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 implement, read and study the following safety information. In addition, make sure that every individual who operates or works with the implement, 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 implement itself warn you of dangers 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 serious injury or death.



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.



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 implement must read and completely understand this Owner / Operator's and Parts Manual. Operator must receive instructions before operating the machine. Untrained operators can cause injury or death.**

- DO NOT allow anyone to operate, service, inspect or otherwise handle this implement until all operators have read and understand all of the instructional materials in this Owner / 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 implement.
- DO NOT operate until all shields and guards are in place and securely fastened.
- DO NOT step up on any part of the implement at any time.
- DO NOT adjust, clean or lubricate while the implement 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 implement before starting it!
- Make certain everyone is clear of the implement before applying power.
- 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. Refer to SHUTOFF & LOCKOUT POWER on page 23.
- 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.
- Comply with state and local laws governing highway safety and movement of machinery on roadways.

**Safety Precautions For Hydraulic System:**

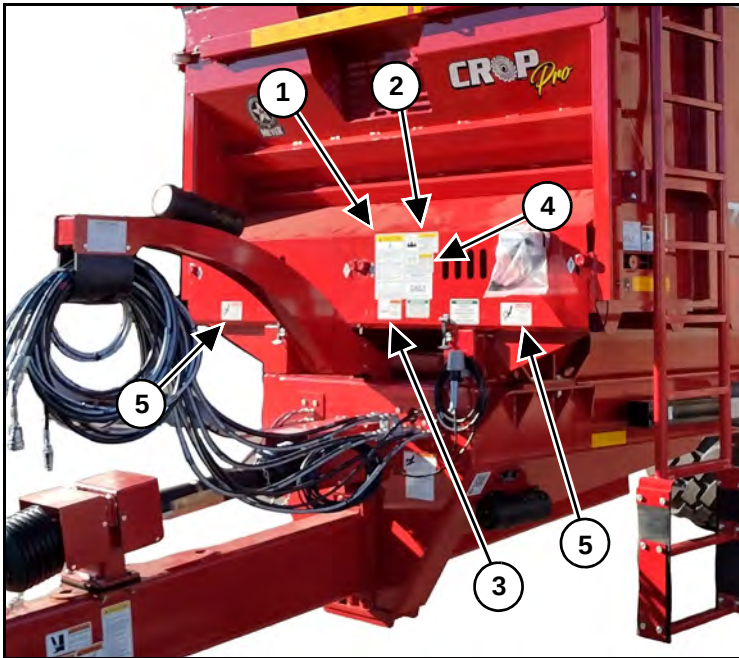
- Check hydraulic tubes, hoses and fittings for damage and leakage. Never use hands to check for leaks. Hydraulic tubes and hoses must be properly routed and have adequate support and secure clamps. Tighten or replace any parts that show leakage.
- Always clean fluid spills. Do not use gasoline or diesel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

## 5.2 SAFETY SIGNS

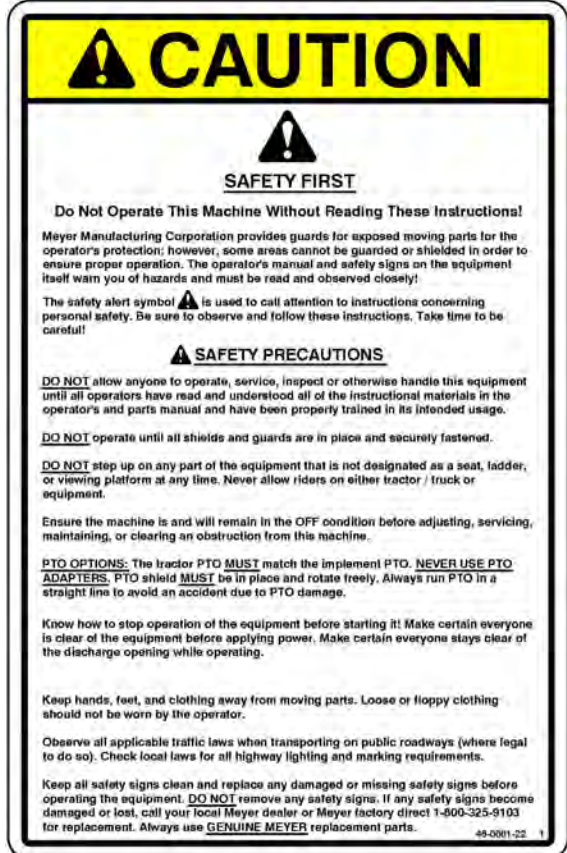


Read all safety signs on the implement and in this manual. Keep all safety signs clean and replace any damaged or missing safety signs before operating the equipment. Do not remove any safety signs. Safety signs are for operator protection and information.

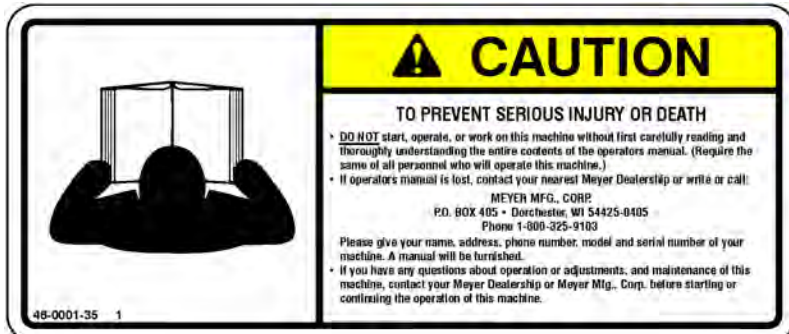
FRONT OF IMPLEMENT



1

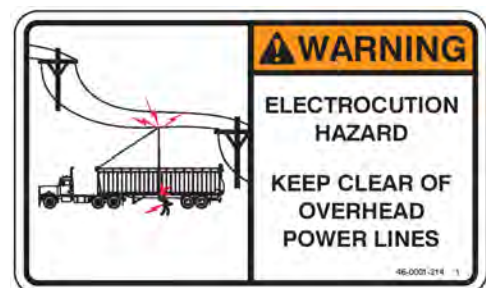


PART NO. 46-0001-22



PART NO. 46-0001-35

3



PART NO. 46-0001-214

4



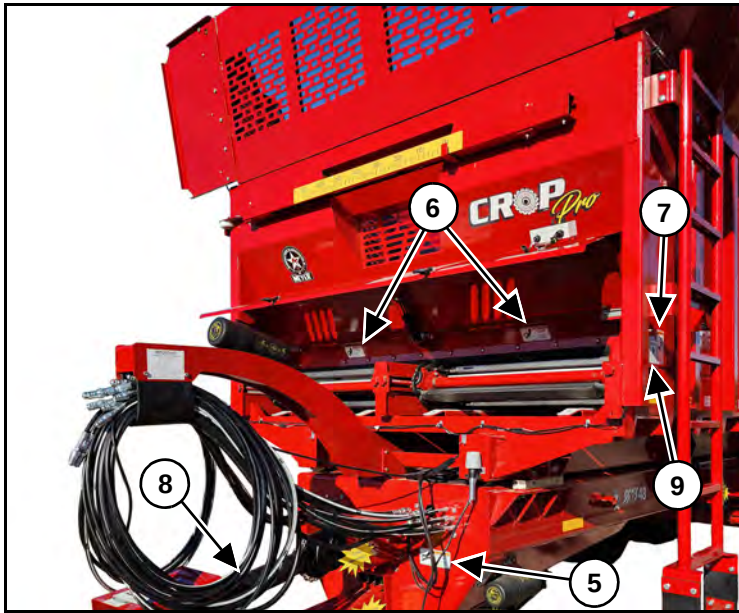
PART NO. 46-0001-62

5



PART NO. 46-0001-4

# FRONT OF IMPLEMENT



5



PART NO. 46-8500-7

6



PART NO. 46-3600-2  
(Located Under Shield)

7



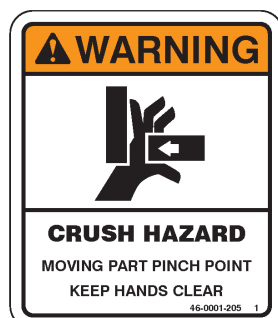
PART NO. 46-0001-210

8



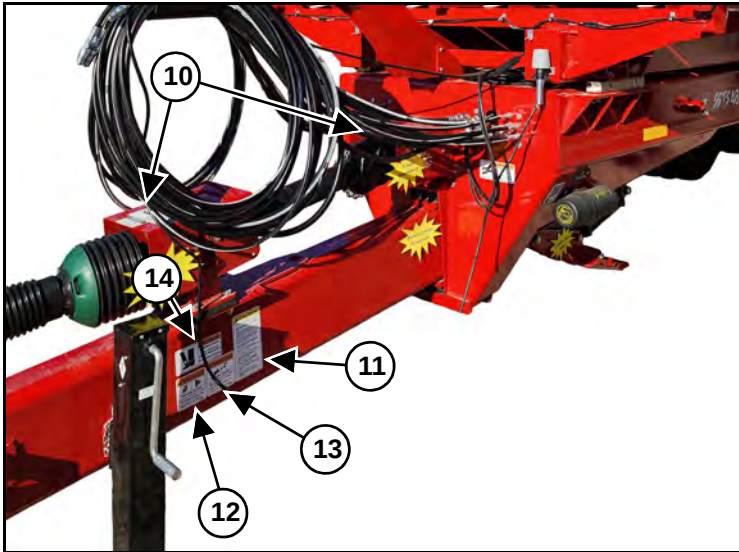
PART NO. 46-0001-13 A

9

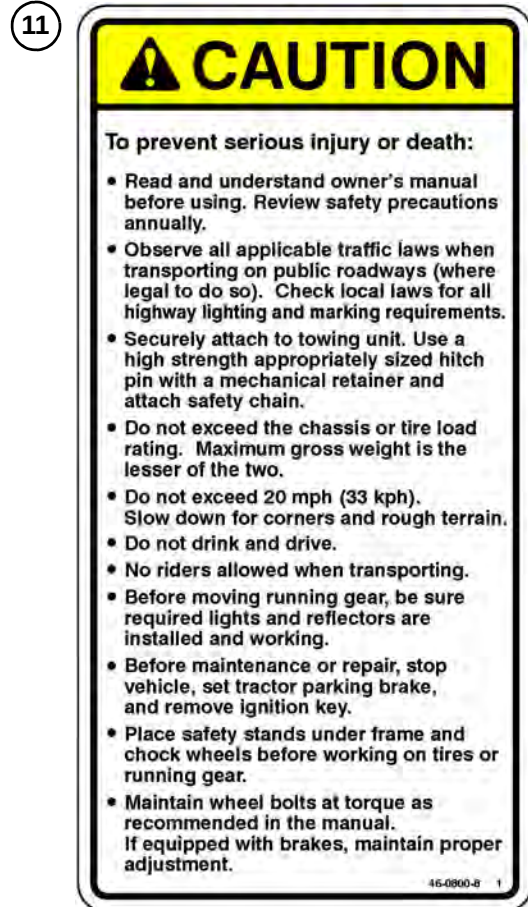


PART NO. 46-0001-205

# FRONT OF IMPLEMENT



PART NO. 46-0004-2



PART NO. 46-0800-8



PART NO. 46-0800-6

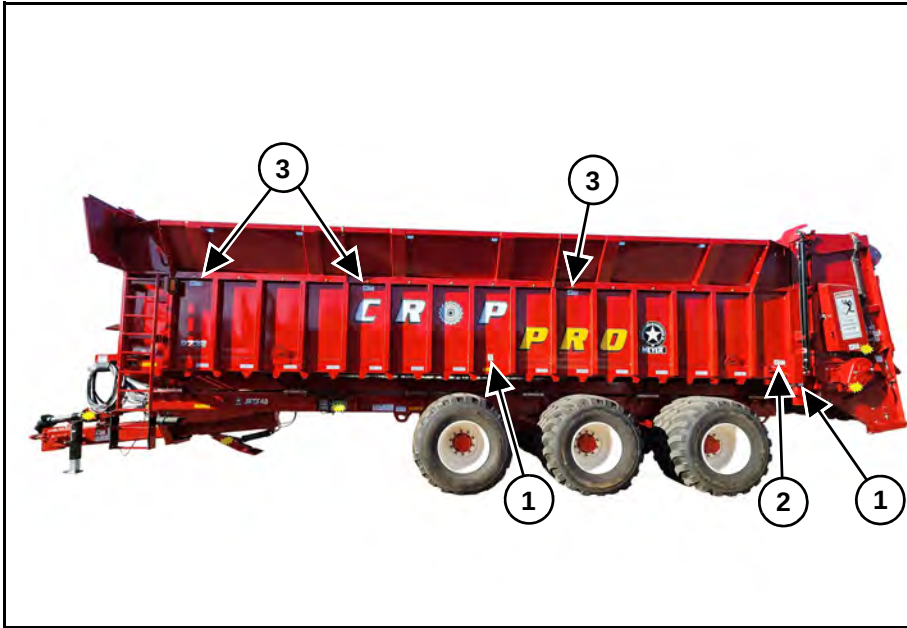


PART NO. 46-0800-7

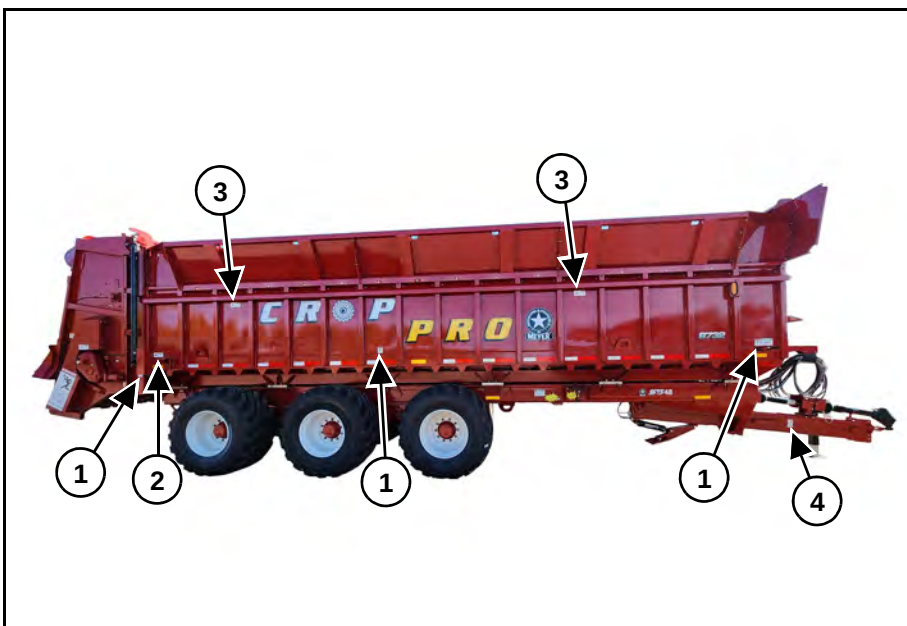


PART NO. 46-3600-6

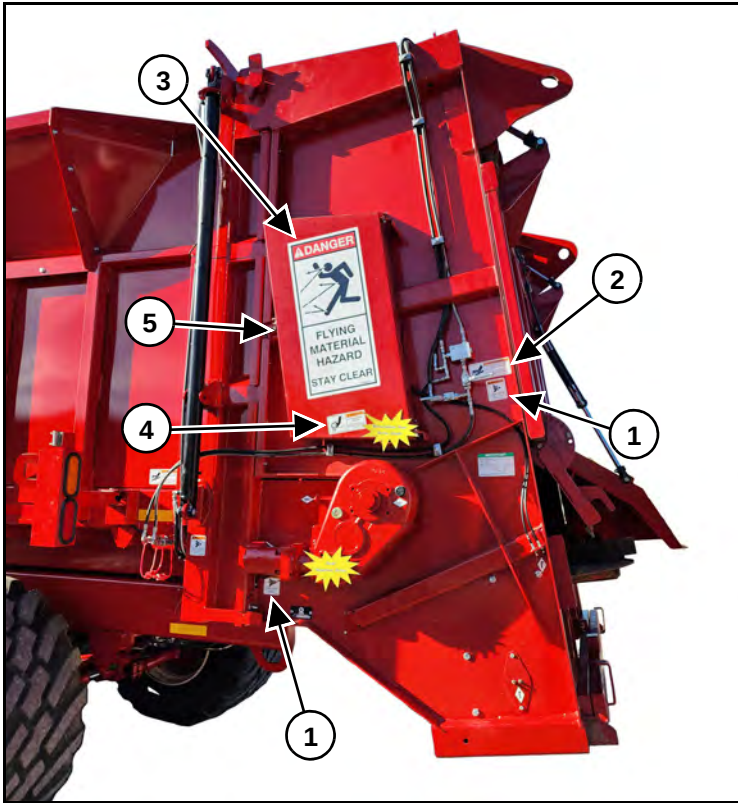
# LEFT SIDE OF IMPLEMENT



# RIGHT SIDE OF IMPLEMENT



# LEFT SIDE OF FPX100



PART NO. 46-0001-205



PART NO. 46-8500-7



PART NO. 46-9500-22

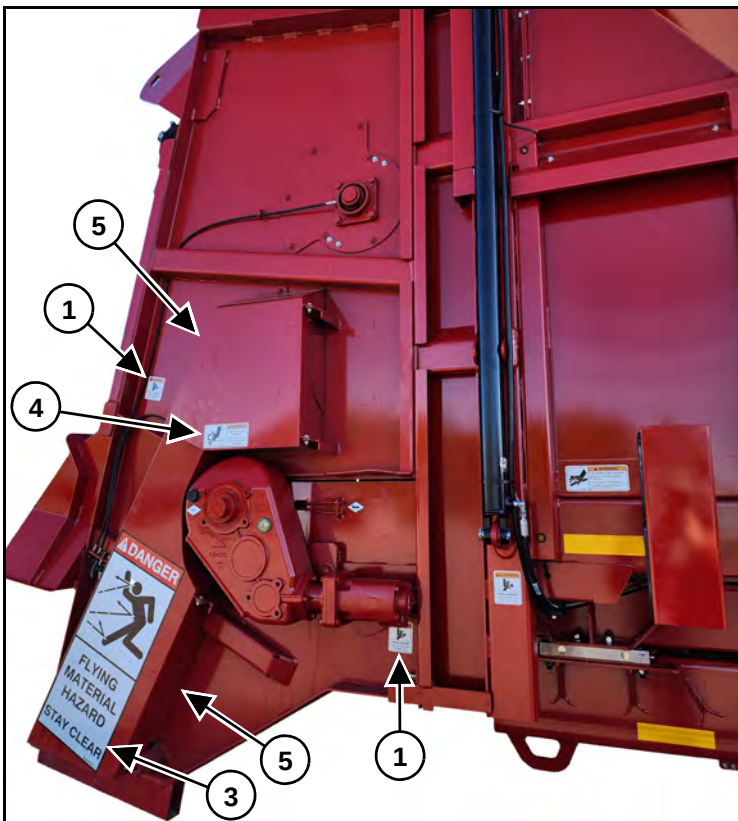


PART NO. 46-0001-4

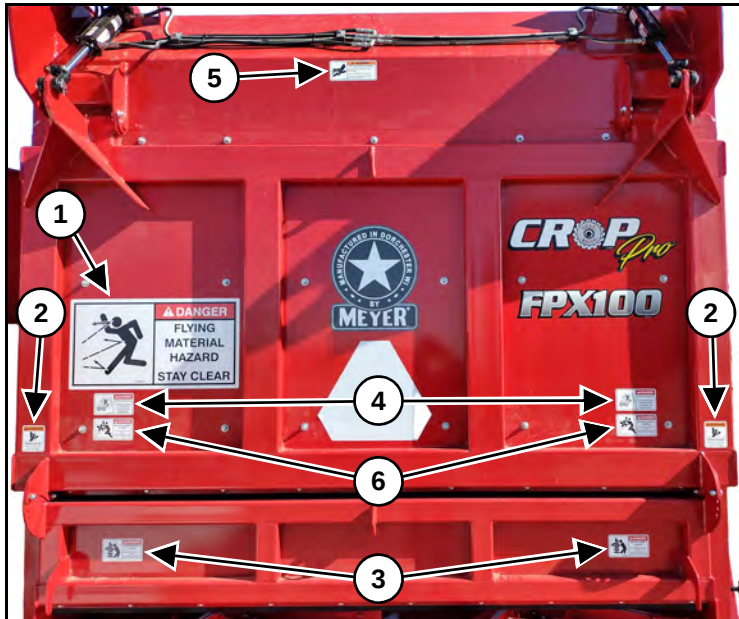


PART NO. 46-3600-2  
(Located Under Shield)

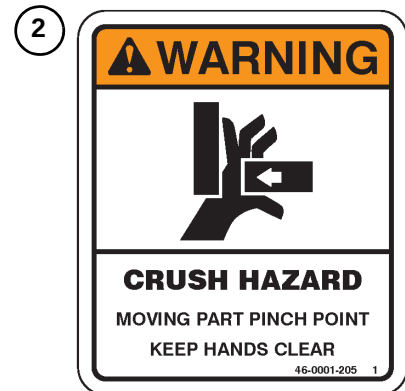
# RIGHT SIDE OF FPX100



# REAR OF FPX100



PART NO. 46-8865-4



PART NO. 46-0001-205



PART NO. 46-9500-4



PART NO. 46-9500-2



PART NO. 46-8500-7



PART NO. 46-9500-5

# LEFT SIDE OF FPX200

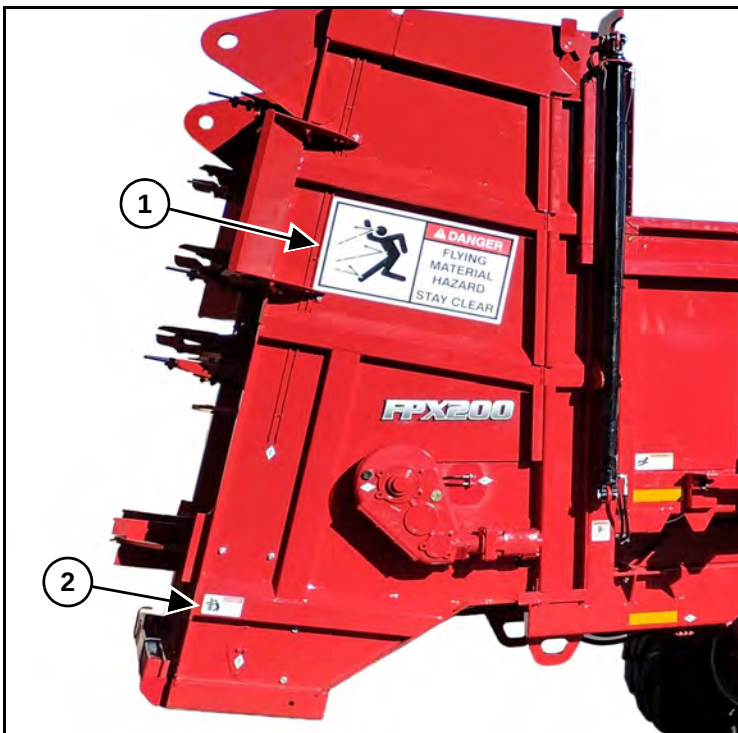


PART NO. 46-8865-4



PART NO. 46-9500-4

# RIGHT SIDE OF FPX200



## 5.3 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.

### 5.3.1 Shutoff & Lockout Power Procedure

#### 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, but not limited to 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 movable 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



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



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

Verify that the implement is securely hitched to the tractor/truck.

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

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.

### 6.1 STATIC INSPECTION



Hydraulic fluid escaping under pressure can have sufficient force to cause injury. Keep all hoses and connections in good serviceable condition.

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

1. Check that all safety signs are in good and legible condition.
2. Inspect the spreader for proper adjustments. (See 8.2 ADJUSTMENTS on page 53.)
3. Lubricate the equipment. (See 8.1 LUBRICATION on page 47.)
4. Make sure that all guards and shields are in place, secured and functioning as designed.
5. Check condition of all hydraulic components for leaks. Repair or replace as required.
6. Check the hydraulic and gear box oil level. (See 8.1 LUBRICATION on page 47.)
7. Remove any twine, wire or other material that has become entangled around the rear attachment spinners. (If Equipped)
8. Check to see that no obstructions are present in the spreader. Be sure that there are no tools laying on or in the spreader.
9. Verify that all electrical and hydraulic connections are tight and secure before operating.
10. Check that all hardware is in place and is tight.
11. Watch for any worn or cracked welds. If found, have qualified personnel repair immediately or replacement is necessary.
12. Check all bearings for wear. Replace as needed.
13. Check that the rear gate is completely closed.
14. Set apron chain tension. (See 8.2.1 Apron Chains on page 53.)

## 6.2 LIGHT HOOK-UP

**NOTE:** The lighting system provided is intended for being transported by an agricultural tractor.

Ensure that lights and indicators are clean and in good working order. When attaching to a towing vehicle always check lighting for proper operation. Connect to the standardized 7-pin socket located at the back of the tractor.

| Color  | Function            | SAE Terminal | SAE Connector                                                                                           |
|--------|---------------------|--------------|---------------------------------------------------------------------------------------------------------|
| White  | Ground              | 1            | <br>Viewed From Back |
|        | Not Used            | 2            |                                                                                                         |
| Yellow | Left Turn & Hazard  | 3            |                                                                                                         |
|        | Not Used            | 4            |                                                                                                         |
| Green  | Right Turn & Hazard | 5            |                                                                                                         |
| Brown  | Tail Lights         | 6            |                                                                                                         |
|        | Auxiliary Power     | 7            |                                                                                                         |

## 6.3 HYDRAULIC HOOK-UP



**WARNING**

Hydraulic fluid escaping under pressure can have sufficient force to cause injury. Keep all hoses and connections in good serviceable condition.



**CAUTION**

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

Hydraulic input to the 9700 spreader should not exceed 40 GPM @ 3000 PSI. Call the factory for further information.

**NOTE:** Case drain port profile must match ISO10628 specifications.



**IMPORTANT**

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

**NOTE:** The PTO horsepower and/or hydraulic requirements may not reflect adequate tractor size for towing the machine.

## 6.4 PTO DRIVELINE OPTION



Do not operate without PTO guard on implement and tractor. Maintain PTO drive shaft guard in good operating condition. Replace them if damaged and not turning freely.



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

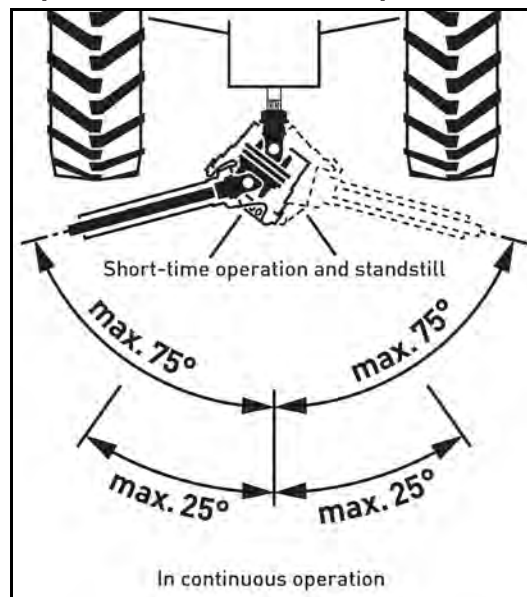
The tractor half of the PTO drive shaft assembly must be locked securely to the tractor output shaft and the implement half of the PTO drive shaft assembly must be locked securely to the implement driveline.

See the PTO Installation, Service, and Safety Instruction Manual for additional PTO details. For a replacement manual, call the factory at 1-800-325-9103.

See the ADMA Safety Manual for further safety situations and precautions, ensure all operators become familiar with it. For a replacement manual, call the factory at 1-800-325-9103.



Do not exceed the maximum 75° turning angle on the constant velocity PTO driveline. Exceeding the turning angle will damage the constant velocity “center housing” and exerts excessive pressures on the PTO input center shaft and related bearings.



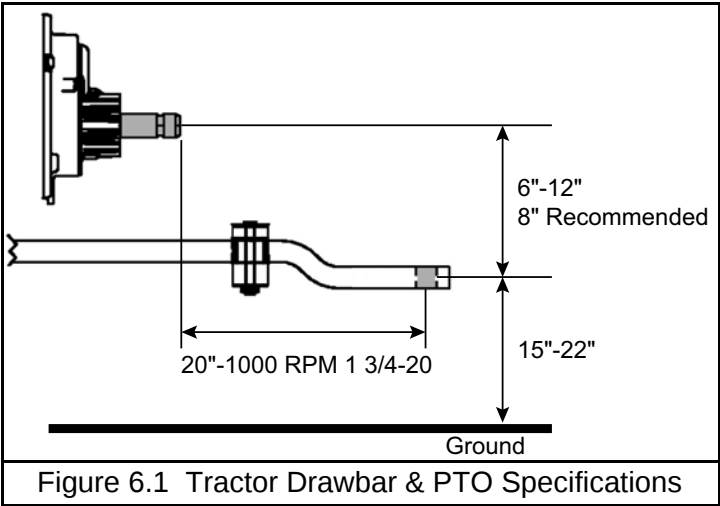
6.5 TRACTOR DRAWBAR SETUP



Do not operate without PTO guard on implement and tractor.  
Maintain PTO drive shaft guard in good operating condition.  
Replace them if damaged and not turning freely.

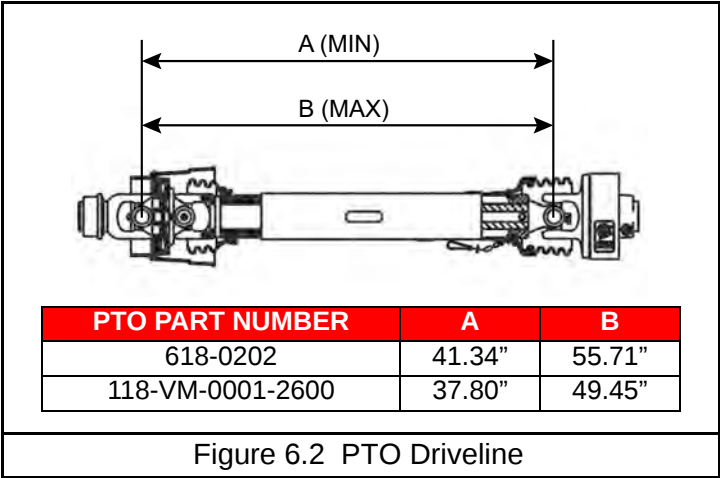
This spreader is to be operated with 1000 RPM PTO only. No PTO adapter should be used to alter speed or geometry.

Set the tractor drawbar to conform to the standard dimensions. This will ensure that the PTO drive shaft is not over extended.



An improperly positioned hitch point may cause damage to the universal joints of the PTO drive shaft. Conforming to the standard 20" drawbar & PTO relationship will ensure that the PTO drive shaft will not become over-extended.

With initial hook-up to your implement, test PTO travel by turning equipment in both directions observing the minimum (A) and maximum (B) travel dimensions as shown, Figure 6.2.



## 6.6 HITCHING TO TRACTOR

Attach the optional rock guard to the tractor 3-point for further tractor cab protection from airborne projectiles (If equipped).

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 implement.**

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

**NOTE: Lower or raise the implement jack to properly align the drawbar and hitch.**

Fasten the implement 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, light cord and PTO drive shaft to the tractor. Slide the spring loaded locking collar onto the PTO yoke rearward, and then slide the yoke onto the tractor PTO shaft. Release the spring loaded collar. Be sure the pins fall into the groove of the tractor PTO shaft and that the collar snaps forward into the locked position. Move the tractor hydraulic controls to observe proper gate operation. Connect any optional equipment as needed.

## 6.7 CONTROLS

### 1. Three Position Toggle Switch

- The spreader apron is off when the toggle switch is in the middle position.
- The spreader apron speed dial is active when the toggle switch is in the ON position.
- The spreader apron can be reversed if the toggle switch is held in the down position while reversing the tractor SCV operating the spreader apron.

### 2. Speed Dial

- Set the spreader apron speed using the dial.

**NOTE: If using an attachment, select an apron speed between 0-35 while unloading. Apron speeds between 36-100 should only be used for clean out.**



## 6.8 START-UP AND SHUT-DOWN PROCEDURE



### **WARNING**

Disengage electric/ 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 from moving components.



### **CAUTION**

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

Before operating the implement, look in all directions to ensure there are no bystanders, especially small children, in the work area.

### **6.8.1 Start-Up Procedure**

1. Enter the tractor and start the engine.
2. Slowly engage the PTO and operate at idle speed.
3. Turn apron controls to the on position and slowly engage both apron SCV's. Adjust apron speed up to 35.

### **6.8.2 Shut-Down Procedure**

1. Turn apron controls to the off position and move apron hydraulics to float.
2. Disengage the PTO.
3. Park the tractor on a flat, level surface.
4. Engage the parking brake, stop the engine and exit the tractor.

## 6.9 OPERATIONAL CHECKS



**Make certain all personnel are clear of the implement and the rotating spinners or beaters before applying power.**



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



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

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

**Before operating the implement, look in all directions to ensure there are no bystanders, especially small children, in the work area.**

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

1. Make sure spreader is empty.
2. Follow the Start-Up procedure section. (See 6.8.1 Start-Up Procedure on page 30.)
3. Raise and lower the gate a couple times.
4. Operate the spreader for approximately 5-10 minutes.
5. Follow the Shut-Down procedure section. (See 6.8.2 Shut-Down Procedure on page 30.)
6. Check drive components to be sure components are not abnormally hot.
7. Check all hydraulic components for leaks.
8. Adjust and lubricate equipment as needed. (See ADJUSTMENTS on page 53 & LUBRICATION on page 47.)

## 6.10 TRANSPORTING

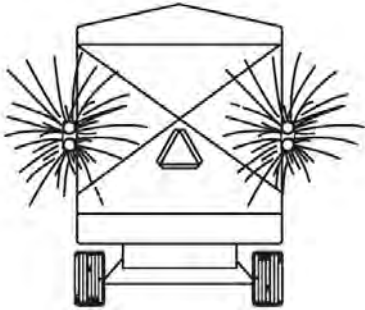
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### CAUTION

- DO NOT allow anyone to operate, service, inspect or otherwise handle this implement until all operators have read and understand all of the instructional materials in this Owner/Operator's and Parts Manual and have been properly trained in its intended usage.
  - Before operating the implement, look in all directions to ensure there are no bystanders, especially small children, 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).
  - Adhere to 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



- 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



- 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 (may 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.

## IMPORTANT

Verify that the rear discharge door is in the closed position before traveling on roadways.

If you will travel on public roads and it is legal to do so, you must know all rules governing such operation. This will include lighting and brake requirements in addition to traffic rules.

**NOTE:** An optional highway lighting package is available to assist in meeting these requirements. See your Meyer dealer for details.

### 6.10.1 Safety Chain

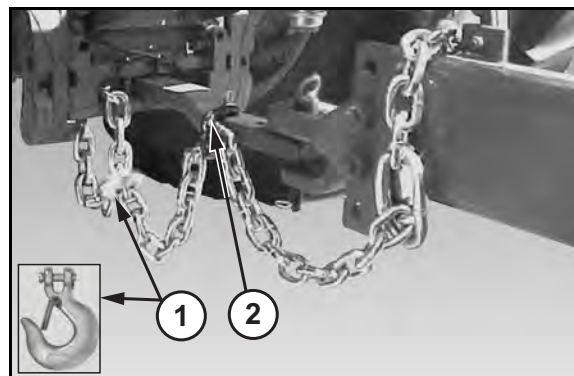
## WARNING

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 implement.

**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 implement.



**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.

### 6.10.2 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 two thirds 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.

**NOTE: Implement Loaded Weight x 0.667 = Minimum Tractor Weight Up to 20 mph**

| Model       | MAXIMUM IMPLEMENT GROSS WEIGHT (LBS) | MINIMUM TRACTOR WEIGHT UP TO 20 MPH (LBS) |
|-------------|--------------------------------------|-------------------------------------------|
| 9724        | 72,800                               | 48,750                                    |
| 9728 Tridem | 109,300                              | 73,000                                    |
| 9728 Quad   | 145,600                              | 97,250                                    |
| 9732 Tridem | 109,300                              | 73,000                                    |
| 9732 Quad   | 145,600                              | 97,250                                    |

### 6.10.3 Brake Information

Two brake control options are offered for your implement. A brake system is recommended for any implement operated on public roads and may be a requirement.

#### 6.10.3.1 Lever Operated Hydraulic Brakes

**IMPORTANT** When brakes are not required, the selector control valve lever must be in the “float” position.

This brake system is connected to the tractor remote hydraulic ports and is controlled by the tractor hydraulic system. The two hose system has a hydraulic manifold with pressure relief to prevent excessive pressure to the brake activating cylinders.

Applying hydraulic pressure from the tractor causes tractor hydraulic fluid to flow under pressure to the pressure relief valve which extends the brake cylinders to activate the brakes.

**Applying The Brakes** - Gradually move the tractor SCV (Selector Control Valve) lever as required to apply the brakes. The hydraulic hoses should be connected to the tractor ports so the SCV lever gives the expected response. Test this after hooking up. If response is opposite of expected, reverse the hoses.

**Releasing The Brakes** - Move the tractor SCV lever to the opposite direction and hold momentarily. Then return lever to the “Float” position.

**NOTE: Simply returning the SCV lever to the neutral position without first moving the lever to the opposite position, will not release the brakes.**

#### 6.10.3.2 Pedal Operated Hydraulic Brakes

**CAUTION** At no time should the brake system be used as a parking brake. With loss of hydraulic pressure, the brakes will lose their holding power.

This brake system is a one hose system. The single hydraulic hose must be connected to the tractor remote pedal port.

**Applying The Brakes** - Gradually apply the tractor brake pedal to apply the brakes.

**Releasing The Brakes** - Release the tractor brake pedal to release the brakes.

#### 6.10.4 Lock-Out Steering Instruction (Steering Axle Models Only)



Failing to lock steering on hillsides could cause loss of control.



Turning with steer axles locked may result in equipment damage.

- Steering should be locked out for any high-speed traveling, such as road traveling with a full load, and also when operating on steep side hills. Failing to lock the steering in either scenario may result in unintended sideways movement of the box or increased tire wear.
- Steering is locked out by activating the SCV for this circuit for approximately 5 seconds. The operator knows the steering has been locked out when the tires are seen straightening themselves. After the steer axle tires are straightened, the operator can move the SCV to the neutral position.
- Steering should be unlocked when turning.
- When the operator wishes to return the steering function of the axles, the SCV should be returned to the float position.
- Note that for normal operation the SCV for this circuit should always be in the float position.
- When reversing with steer axles, start by driving forward to align the tractor and implement to the line you plan on reversing to. Lock the steering axles and back the implement in a straight line to the desired location.

### 6.11 ATTACHMENT UNIT CHANGE OVER

Installing or swapping attachments is done best in good lighting conditions with 2 people and a lifting device having the capacity to lift the attachment safely.

When lifting the attachment ensure that the lifting device has the capacity at the lifting point to lift a minimum of 5,500 pounds with the attachment being clean and empty.

#### 6.11.1 Hydraulic Disconnect (FPX100 Only)

On the left rear side of the spreader, unhook the two attachment hoses (Item 1) from the quick disconnect couplers attached to the box. Keep both the male and female couplers clean.



### 6.11.2 Attachment Removal



**Crushing Hazard:**  
**Do Not work under suspended or blocked parts**



Unhook the rear drive shaft from the center gearbox on the attachment and from the driveshaft on the spreader.

**NOTE:** Use a lifting device and chains that are in good condition and of adequate size to lift the attachment.

Connect a lifting device and chains or straps to the lifting eyes (Item 1) on the attachment. Install the stabilizer legs. (See section 6.11.4 Attachment Stabilizer Legs.) Tension the lifting device to the attachment by removing slack in chains without binding the two lower retaining bolts (Item 2).

There are 14 bolts (Item 2) that retain the lower part of the attachment to the box frame. Remove the bolts holding the attachment in place.



Figure 6.3 FPX100

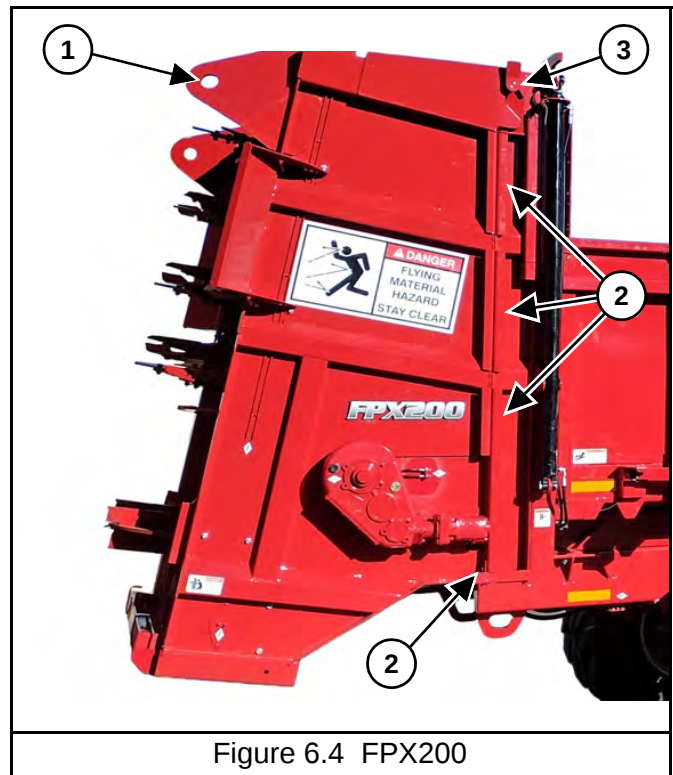


Figure 6.4 FPX200

Slowly raise the attachment vertically until the upper attachment guide pins (Item 3) disengage from the box pin receivers. The lower end of the attachment will swing away from the box, slightly. Then slowly back the attachment away from the box.

Move the attachment to the storage location. Lower the attachment to the ground and remove the lifting device.

If using the spreader without an attachment, install the safety shields on either side of the rear apron drive.

### 6.11.3 Attachment Installation



**Crushing Hazard:**

**Do Not work under suspended or blocked parts**



**NOTE:** Use a lifting device and chains that are in good condition and of adequate size to lift the attachment.

Remove both apron shields on either side of the rear apron drive shaft, if installed.

Connect the lifting device and chains or straps to the lifting eyes on the attachment.

Slightly raise the attachment off the ground. Remove the stabilizer legs and place the legs in the storage location. (See section 6.11.4 Attachment Stabilizer Legs.)

Move the attachment to the rear of the spreader. Slowly raise the attachment until the upper attachment guide pins are above the box pin receivers. Move the attachment forward until the upper attachment guide pins are aligned with the pin receivers.

Slowly lower the attachment until the upper attachment guide pins engage the pin receivers. Continue to lower the attachment until the attachment swings in to meet the bottom of the box.

Install retaining bolts.

Install the center driveline.

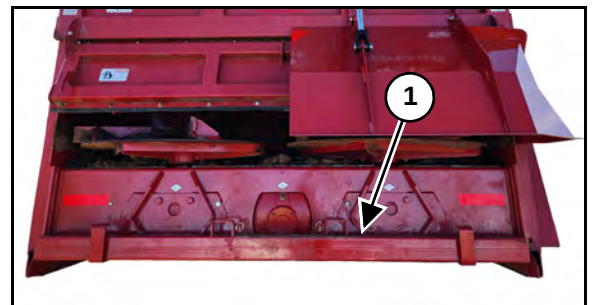
Install the hydraulic hoses.

### 6.11.4 Attachment Stabilizer Legs

The attachment stabilizer legs are used to stabilize the attachment when placing the attachment on the ground.

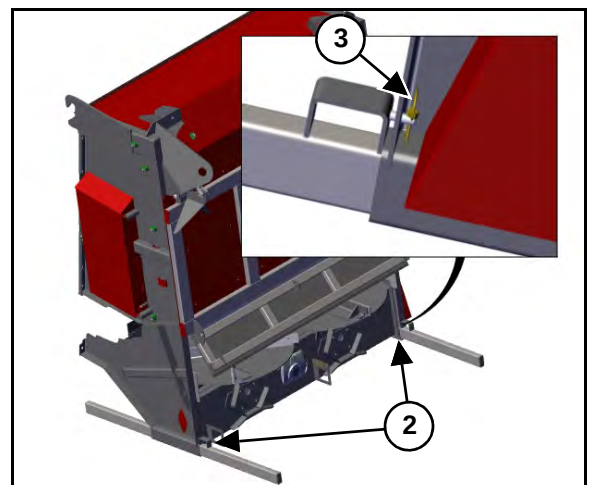
#### Storage Location:

- The storage location (Item 1) for the attachment stabilizer legs is accessible on the rear left side of the implement.



#### Installed In Attachment:

- The stabilizer legs are installed into the pockets (Item 2) at the bottom of the attachment.
- Install lynch pins (Item 3) to secure stabilizer legs in place.



## **6.12 OPTIONAL EQUIPMENT**

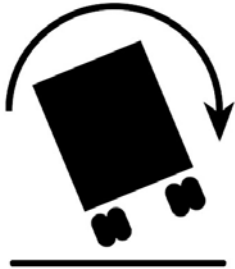
Refer to scale indicator manufacturer's operators manual for operation.

See 8.4.1 Digital Scale Indicator for additional scale maintenance information.

## 7.0 OPERATION

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### CAUTION



- DO NOT allow anyone to operate, service, inspect or otherwise handle this implement until all operators have read and understand all of the instructional materials in this Owner/ Operator's and Parts Manual and have been properly trained in its intended usage.
- Before operating the implement, look in all directions to ensure there are no bystanders, especially small children, in the work area.
- Do not climb or step on any part of the implement 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 OPERATIONAL CHECKS

### DANGER

Make certain all personnel are clear of the implement and the rotating spinners or beaters before applying power.

### WARNING

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

### CAUTION

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

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

Before operating the implement, look in all directions to ensure there are no bystanders, especially small children, in the work area.

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

1. Make sure spreader is empty.
2. Follow the Start-Up procedure section. (See 6.7.1 Start-Up on page 30.)
3. Raise and lower the gate a couple times.
4. Operate the spreader for approximately 5-10 minutes.
5. Follow the Shut-Down procedure section. (See 6.7.2 Shut-Down on page 30.)
6. Check drive components to be sure components are not abnormally hot.
7. Check all hydraulic components for leaks.
8. Adjust and lubricate equipment as needed. (See 8.2 ADJUSTMENTS on page 53 & 8.1 LUBRICATION on page 47.)

## 7.2 LOADING

---

### **WARNING**

Overloading a tractor's drawbar can lead to serious dangers, including increased risk of rollover, loss of steering, loss of brake control and component failure.

Never exceed the recommended hitch weight for your tractor drawbar. Always check your tractor's operating manual for specific guidelines.

---

### **CAUTION**

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

Overloading may cause failure of hitches, axles, tires & structural members which may lead to loss of vehicle control. Do not exceed maximum gross weight.

---

### **IMPORTANT**

Do not use the jack except when the implement is empty. The jack does not support added weight. Unbalanced weight may result in unexpected "TIP UP" of the implement.

Filling the spreader evenly from the front to rear ensures there is downward force on the tractor hitch and provide traction for the tractor wheels.

This machine is not intended to be a bale grinder, hay chopper or bedding machine. Failure to comply may damage the drivetrain and void the warranty.

It is unlawful to allow manure to splash or leak onto public roads.

To prevent damage to spinners and drivelines, foreign objects (stones, concrete, timber, metal or large frozen chunks of manure) should never be loaded into the spreader.

Before loading, especially in freezing weather, make sure the apron chain and spinners are free to rotate and the rear gate moves freely up and down.

Ensure the rear end gate is completely closed before loading, to prevent packing of material into the beaters and to help prevent leakage during transport.

Ensure the tractor is properly ballasted with any attachments properly mounted and secure.

When the spreader is parked for loading, shift the tractor to neutral or park and set the brakes.

**NOTE: Maximum Gross Weight is the lesser value between the implement, axles, tires, tractor rating, etc.**

## IMPORTANT

Overloading can have detrimental effects on the integrity of the spreader and its safe use. Some materials may not be able to be filled to struck level. Overloading voids warranty and increases risk to the operator's safety. Always be aware of the gross weight.

| MATERIAL ESTIMATED WEIGHT PER CUBIC FOOT |                 |
|------------------------------------------|-----------------|
| MATERIAL                                 | (LBS / CU. FT.) |
| Lime Sludge                              | 110 - 115 lbs.  |
| Dry Feedlot Manure                       | 63 - 65 lbs.    |
| Chicken Litter                           | 63 - 65 lbs.    |
| Cake Sludge                              | 62 - 65 lbs.    |
| Semi-Solid Manure                        | 58 - 60 lbs.    |
| Pen Packed Manure                        | 30 - 35 lbs.    |
| Liquid Manure                            | 63 - 65 lbs.    |
| SAE D384.2                               |                 |

| MODEL       | AXLE WEIGHT RATING*<br>(LBS) |
|-------------|------------------------------|
| 9724 Tandem | 72,800                       |
| 9728 Tridem | 109,300                      |
| 9728 Quad   | 145,600                      |
| 9732 Tridem | 109,300                      |
| 9732 Quad   | 145,600                      |

\* Maximum Gross Weight is the lesser value between the implement, axles, tires, tractor rating, etc.

| MODEL       | APPROXIMATE<br>EMPTY WEIGHT*<br>(LBS) | CU. FT. CAPACITY**<br>(Struck/Heaped) | APPROXIMATE<br>HITCH WEIGHT***<br>(%) |
|-------------|---------------------------------------|---------------------------------------|---------------------------------------|
| 9724 Tandem | 31,780                                | 684/886                               | 15 - 17.5                             |
| 9728 Tridem | 37,530                                | 800/1,036                             | 11.7 - 14.2                           |
| 9728 Quad   | 40,490                                | 800/1,036                             | 4 - 6.7                               |
| 9732 Tridem | 39,950                                | 915/1,186                             | 11.2 - 13.6                           |
| 9732 Quad   | 42,910                                | 915/1,186                             | 4 - 6.5                               |

\* Approximate empty weight shown with FPX200 attached & 800/45x26.5 tires installed.  
(Without extensions)

\*\* Heaped loads significantly increase weight.

\*\*\* Estimated with evenly distributed load on level ground.

**NOTE: Hitch weight percentage will be affected by how the equipment is equipped, load distribution, uneven terrain, etc.**

It is critical to know the limitations of your tractor drawbar and hitch weight applied from the implement. Taking an actual weight reading is the best way to estimate your hitch weight. Use the equation below to approximate your hitch weight.

#### HITCH WEIGHT CALCULATION

$$\text{Hitch Weight Percentage} \times \text{Gross Weight} = \text{Approximate Hitch Weight}$$

$$\text{Example: } .065 \times 145,600 = 9,464$$

| DRAWBAR | APPROXIMATE<br>MAX HITCH<br>WEIGHT*<br>(LBS) | CALCULATED<br>APPROXIMATE<br>HITCH WEIGHT<br>(LBS) |
|---------|----------------------------------------------|----------------------------------------------------|
| Cat 4   | 10,000                                       |                                                    |
| Cat 5   | 12,000                                       |                                                    |

\* Hitch drawbar ratings differ by manufacturer.

**NOTE: The front of the spreader is equipped with a mesh window to monitor levels from the operator's seat.**

Fill the spreader evenly to properly distribute the load.

## 7.3 UNLOADING



Make certain all personnel are clear of the implement and the rotating spinners or beaters before applying power.



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



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 from more than one person in control.

### NOTES:

- *Unloading is best observed from the operator’s seat.*
- *The front of the spreader is equipped with a metal mesh window to monitor levels from the operator’s seat.*
- *If equipped with steer axles, follow section Lock-Out Steering Instructions (Steering Axle Option Only) in your trailer manual when backing up.*
- *Unloading speed will be maximized when both apron hydraulic circuits are hooked up (2 inlets and 2 outlets, utilizing 2 SCV’s total) and both SCV’s should be set to 20 GPM each.*

1. Enter the tractor, start the engine, release the parking brake. Move the tractor and spreader to the unloading area.
2. Place all tractor controls in neutral, engage the parking brake and SLOWLY engage the tractor PTO to start the spinners and beaters. Gradually increase the PTO speed to 1000 RPM.
3. Release the parking brake and begin moving forward.
4. Open the rear end gate with the tractor hydraulic lever maintaining a minimum opening of 20 inches.

**NOTE: Until you become familiar with the manure being spread, it is advisable to open the end gate fully and then gradually close the gate down to regulate the discharge rate.**

5. Engage both apron SCV’s with the tractor hydraulic lever.

**NOTE: Starting the apron and regulating the rear end gate can be done while traveling forward to avoid a heavier application of manure at the edge of the field.**

6. Turn the control ON (See Controls on page 29) and slowly increase the speed dial CW to increase the apron speed and discharge rate. Once you determine the correct combination of apron speed, end gate opening and ground speed for a particular manure type, reference that speed for the next load. When the spreader is nearly finished unloading, you may increase apron speed for faster clean out.

**NOTE: If the attachment rock door bolts shear see section 7.7 ATTACHMENT ROCK DOOR RESET to reset it. It is recommended to adjust the rock door to the most open position if the manure being spread contains a lot of rocks and/or foreign objects.**

7. Return controller to 0 or off position for next load.
8. When the spreader is empty, idle the tractor and stop the PTO.
9. Close the rear gate.

## **NOTES:**

- *Fine control of the application rate for semi-solid manure can be obtained by regulating the end gate opening (maintain a 20" minimum gate opening). For solid manure (dry, pen-packed or manure containing long straw or hay) the rear end gate MUST be completely open.*
- *The spread pattern will vary for each specific condition. The factors that contribute most to differing patterns will be moisture content and the amount and length of bedding material. For most typical conditions, the spread pattern should be uniform and about 40-60 ft wide.*
- *Further control of the application rate is possible by the relationship of tractor engine speed to ground speed (transmission gear selection). For optimum, trouble-free performance it is recommended to operate at or near engine PTO speed.*
- *Maximum life of the PTO shaft universal joints will result if you stop the PTO while making turns at the end of the field.*

### **7.3.1 PTO Cutout Clutch**

Spreaders are equipped with a cutout type clutch on the implement half of the PTO driveline. The clutch is designed to limit the amount of torque transferred to the machine through the driveline. If excessive torque is developed, the clutch will disengage. A loud ratcheting sound will be heard and the transfer of power to the machine will be disrupted. To re-engage the machine, turn the PTO to off and allow the driveline to come to a stop. The PTO can then be re-engaged to restart the spreader. The cutout clutch will either re-engage upon shut down of the PTO or just before it comes to a complete stop.

The cutout clutch will disengage if start up is done in an abrupt or reckless manner. It will also disengage from foreign materials entering the expeller area of the spreader. It may also disengage if the apron speed is too fast for the expellers to properly remove the manure from the spreader. If PTO clutch fails to re-engage it will be necessary to remove the foreign object from the spreader before restarting.

## **7.4 FREEZING WEATHER OPERATION**



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

Allow spreader to completely empty the last of its contents. Allow all movement to stop before you shutoff and lockout power. Clean the spreader.

Scrape clean any remaining debris from the attachment, main drive roller and rear gate. Make certain that all personnel are clear of the spreader and the rotating components before slowly engaging the PTO. Operate the spreader several minutes to clean manure scrapings and to allow any remaining manure and the spreader to freeze dry. Power up and hydraulically run the rear gate up and down to clean the gate slides. Park the spreader with the gate halfway open.

Before loading in freezing weather, make sure apron chains/slats are not frozen to the floor, both spinners/beaters are free to rotate, and the rear gate moves freely up and down.

## 7.5 REVERSE APRON FEATURE



**Make certain all personnel are clear of the implement and the rotating spinners or beaters before applying power.**



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

If excessive torque is developed the clutch will disengage. A loud ratcheting sound will be heard.

1. IMMEDIATELY turn the cab control for the apron speed to 0.
2. Disengage the PTO and allow the driveline to come to a stop.

***NOTE: If the unload attachment does not re-engage on startup, run the reverse apron to allow the load to slowly move forward away from the unloading mechanism.***

3. Set apron hydraulic controls to flow in the opposite direction.
4. Manually hold the three way control lever in the reverse position, as shown in section 6.7 Controls, until expeller obstruction has been cleared. STOP REVERSE BEFORE LOAD JAMS IN BOX FRONT.
5. Move apron hydraulic controls to the float position.
6. See section 7.3 UNLOADING to restart the process of unloading.

## 7.6 UNHOOKING THE TRACTOR

1. Park the implement on level ground. Put the tractor controls in neutral, set the parking brake, and turn off the engine 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 PTO drive shaft yoke from the splined tractor PTO shaft and store in the provided support bracket.
6. 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.



**Jack is not designed to support the implement when it is loaded.**

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

## 7.7 ATTACHMENT ROCK DOOR RESET



### CAUTION

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

**NOTE:** *It is recommended to set the rock door to the furthest open position if the manure being spread contains a lot of rocks and/or foreign objects.*

To adjust the rock door, remove both adjustment bolts. Align holes for the desired position. Reinstall adjustment bolts.

The rock door is designed to shear the adjustment bolts if sufficient force is applied by rocks or debris. If the adjustment bolts shear, replace them using hardware listed below.

Bolt Part #: 801-5013-1.25Z

Nut Part #: 814-5013-Z

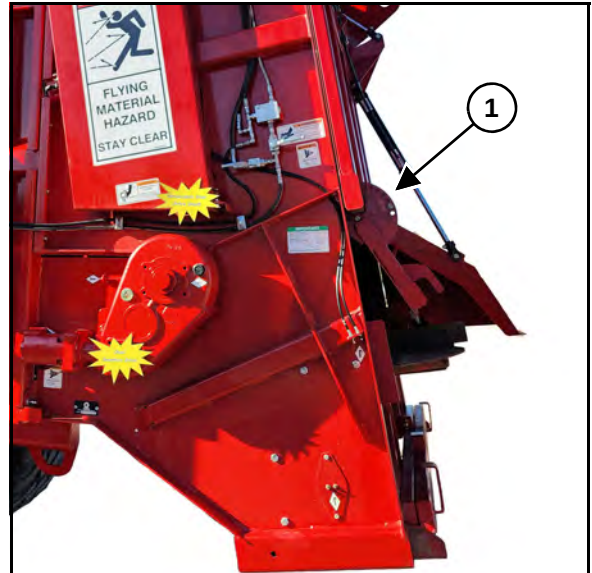


Figure 7.1 Attachment Rock Door Reset

## 8.0 MAINTENANCE

### 8.1 LUBRICATION



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

### 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.

Failure to grease the CV center housing and telescoping members will reduce the life of the CV joint.

Check regularly for any lubricant leakage of the gearboxes at the rear of the spreader.

The PB-ADR-B manual should be used in conjunction with this manual.

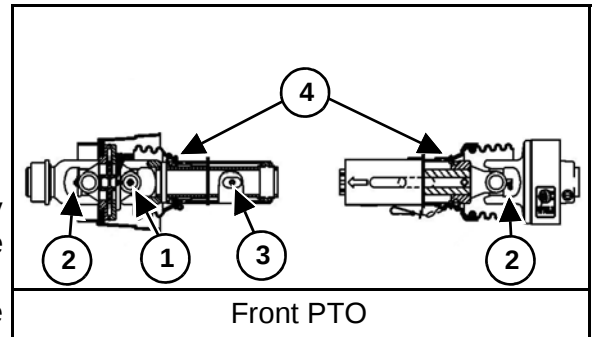
#### **NOTES:**

- *If telescoping members become hard to slide during normal operation, it is recommended the shaft be taken apart, cleaned with solvent and re-coated with grease before reassembling.*
- *Use a grease type that is composed of a high quality lithium complex or better, unless otherwise stated. We recommend using a #1 grade in colder temperatures or a #2 grade in warmer temperatures.*
- *Do not mix synthetic and mineral oils.*
- *It is important that the quantity of oil in the gearboxes does not exceed what is indicated. An excessive quantity of oil in the gearboxes would cause a rise in temperature, and therefore shorten its life.*

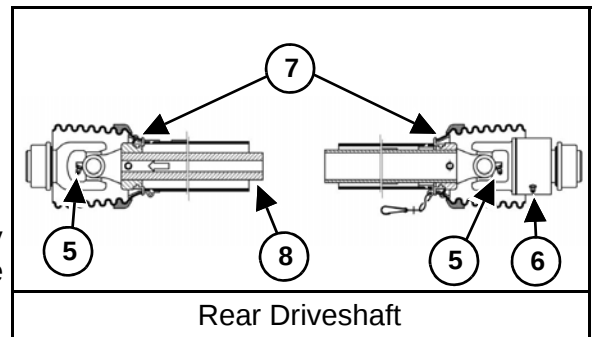
### 8.1.1 Daily Lubrication (Every 8-10 Loads\*)

**NOTE:** \*Estimating 5 minutes of run time per load.

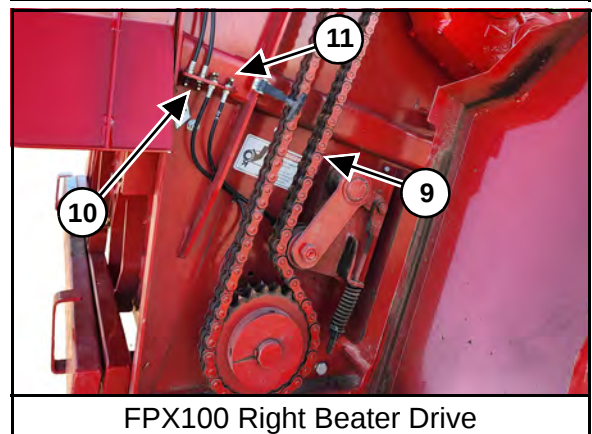
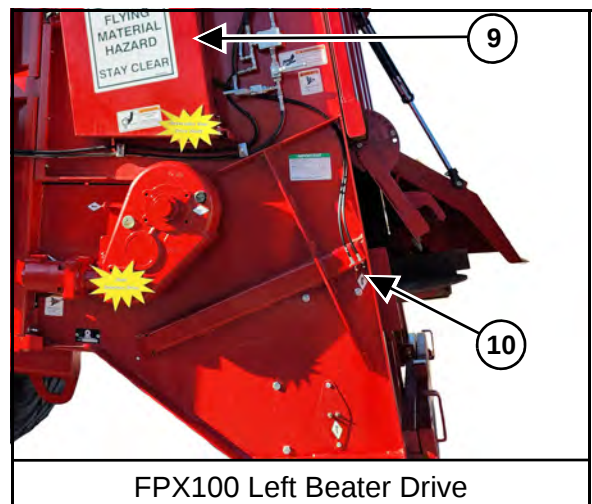
- CV center housing (Item 1) add grease until it is evident around the center sliding disk (CV gets greased through the cross and bearing).
- Grease the cross bearings on yokes (Item 2), both ends, of front PTO. Add grease until it is purged around the seals.
- Telescoping members (Item 3) add grease until it adequately covers the sliding members. Take apart occasionally to make sure adequate lubrication is being added. Take apart each season to be cleaned with solvent and re-coated with grease before re-assembling.
- Shield bearings (Item 4) add 2-3 pumps.



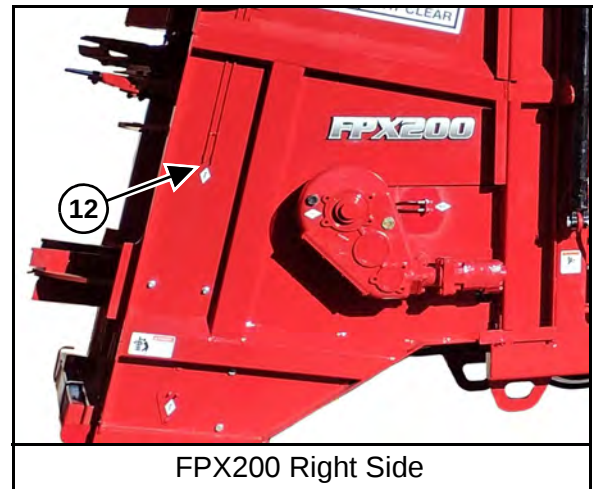
- Grease the cross bearings on yokes (Item 5), both ends, of rear telescoping drive shaft. Add one pump of grease.
- Grease the over-running clutch (Item 6).
- Shield bearings (Item 7) add 2-3 pumps.
- Telescoping members (Item 8) add grease until it adequately covers the sliding members. Take apart occasionally to make sure adequate lubrication is being added.



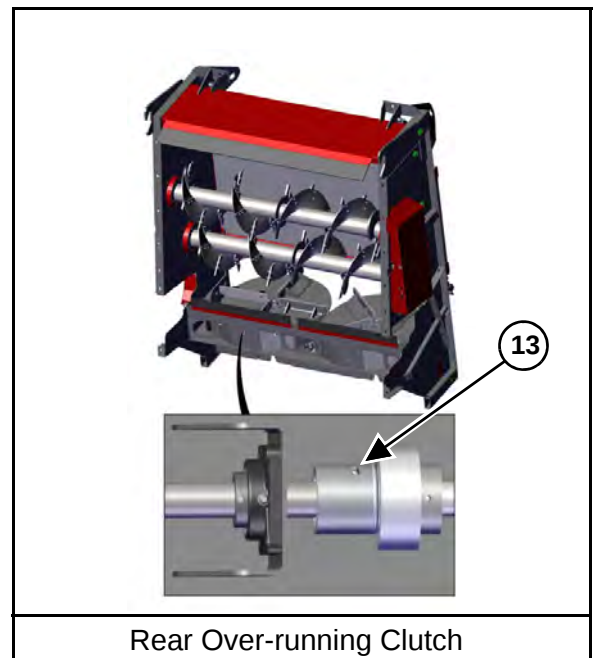
- **FPX100** - Oil horizontal beater roller chain drives (Item 9) with light machine oil. Roller chains are accessible by opening drive covers.
- **FPX100** - Grease four horizontal beater bearings (Item 10) located 2 per side.
- **FPX100** - Grease two lower beater drive bearings using the grease zerks on the lower left side of the attachment (Item 11). **Do not over grease.**



- **FPX200** - Grease the two top bearings (Item 12) on each vertical beater via grease on the RH side of the attachment. **Do not over grease.**



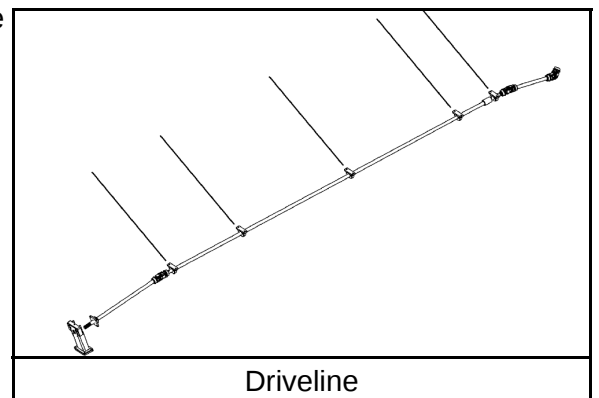
- Grease rear over-running clutch (Item 13).



### 8.1.2 Weekly Lubrication (Every 65-70 Loads\*)

**NOTE: \*Estimating 5 minutes of run time per load.**

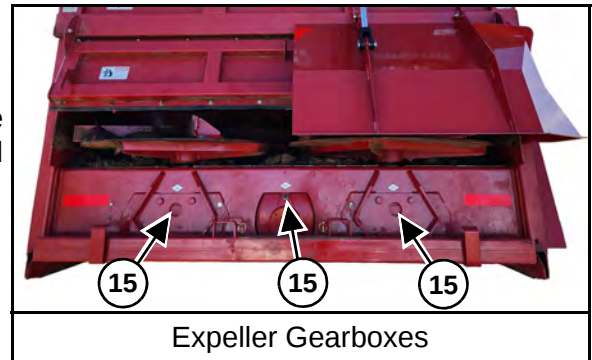
- Grease all driveline bearings. They are accessible via grease lines on RH side of the implement.
- Grease one bearing on the front driveline shaft and grease the cross bearings on universal yoke at the other end of this shaft. **Do not over grease.**



### 8.1.3 Monthly Lubrication (Every 260-300 Loads\*)

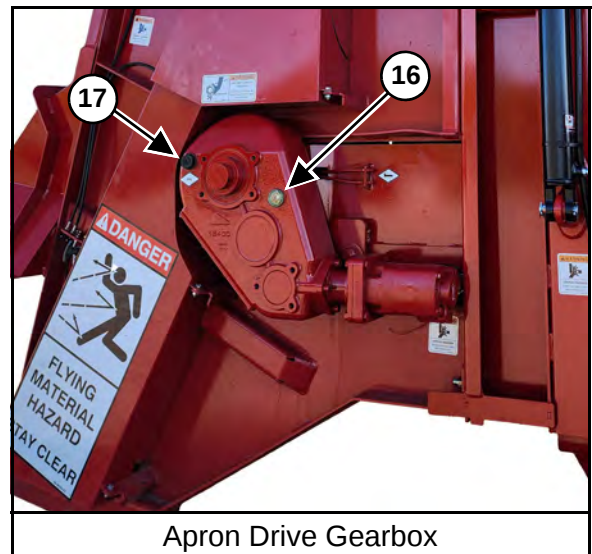
**NOTE:** \*Estimating 5 minutes of run time per load.

- Maintain oil level in the expeller gearboxes at the check plugs (Item 15). Check regularly for any observable oil leakage. If oil leakage is excessive, replace required input/output shaft oil seals. Use ONLY EP #80-90 weight gear lube oil or an equivalent. Lighter weight gear lube oil may be used in temperatures lower than 20°F. Change oil in the gearboxes after the first season of use and regularly thereafter.



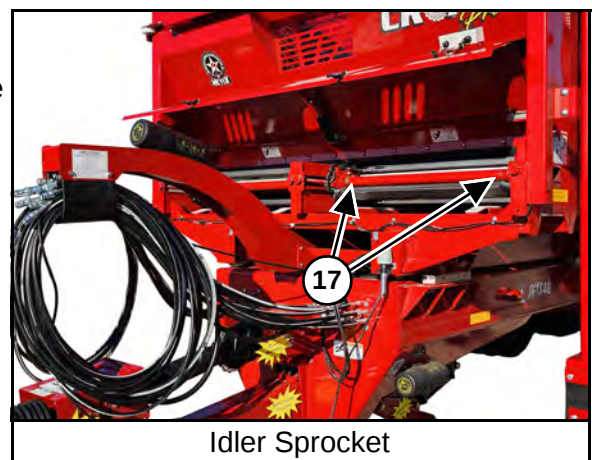
Expeller Gearboxes

- Maintain the lube level visible in the apron drive gearbox sight glass (Item 16). Check regularly for any observable leakage. If oil leakage is excessive, replace required input/output shaft oil seals. Use ONLY SAE 90 EP gear lube oil or an equivalent. A fill plug (Item 17) is provided. Change oil in the gearboxes after the first season of use and annually thereafter.



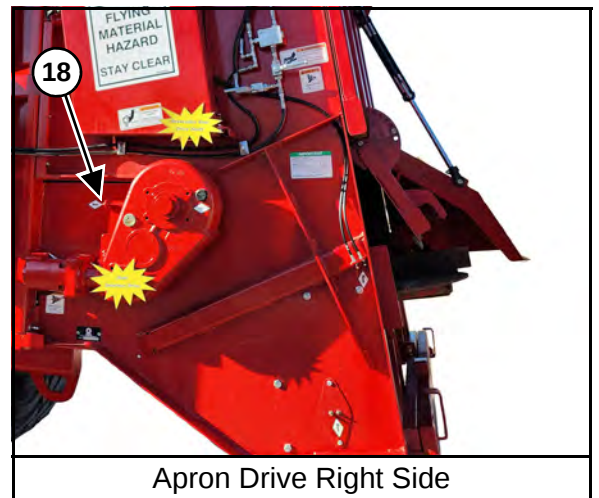
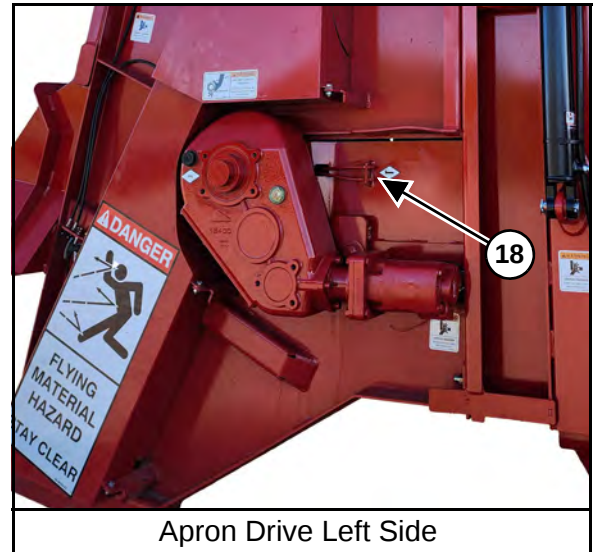
Apron Drive Gearbox

- Grease the four front idler sprockets on the front of the machine under the shield. Use the grease zerks (Item 17) located on the front of both idler sprocket shafts to grease the idler sprockets. Over greasing is not possible.



Idler Sprocket

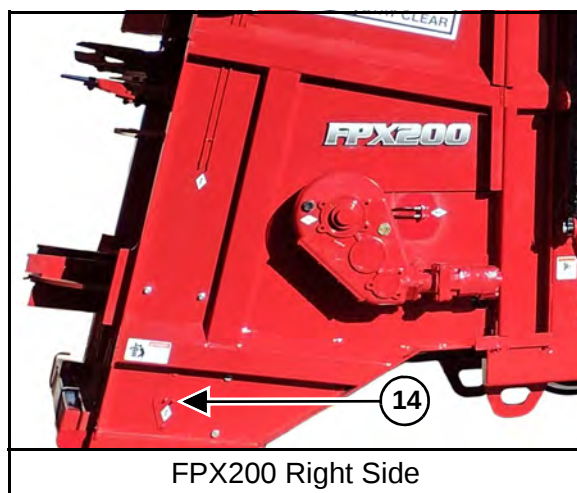
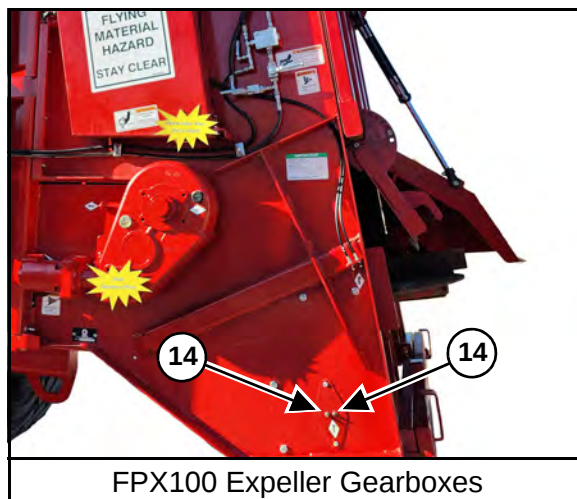
- Grease the three apron drive shaft bearings (Item 18). They are accessible via grease lines near both apron gearboxes. Over greasing is not possible.



#### 8.1.4 Annually or Every 1000 Hours (Whichever Is First)

**NOTE:** *\*Estimating 5 minutes of run time per load.*

- Grease the upper bearing (Item 14) of the two expeller gearboxes until you see grease exiting the breather fitting located on the expeller output shaft housing. They are accessible via two grease lines on the lower LH side of the attachment.



## 8.2 ADJUSTMENTS

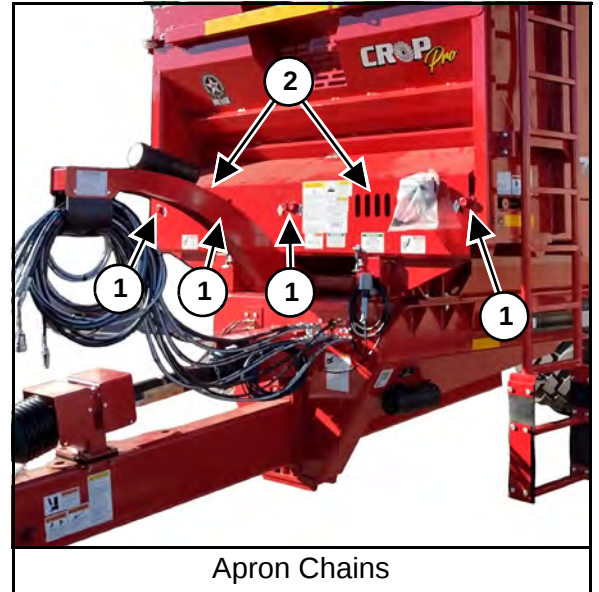


**Shutoff and lockout power before adjusting, servicing, maintaining, or clearing an obstruction from this machine. Refer to section 5.3 SHUTOFF & LOCKOUT POWER.**

### 8.2.1 Apron Chains

Each apron chain is adjusted with two adjuster bolts (Item 1) at the front of the box. These adjuster bolts pull the apron idler shafts toward the front, thereby removing slack from the chains. Each apron conveyor chain has its own idler shaft. Loosen tightener bolt. Evenly tighten the adjuster bolts using a torque wrench to 50 lb-ft. If adjuster bolt(s) reaches maximum travel, remove equal links from each strand. Removable links are provided in the chain.

Slots (sight holes) (Item 2) in the front idler shaft cover permit observing the slats during adjustment.



### 8.2.2 Beater Drive Chains (FPX100)

The chains are tensioned during normal operation by spring loaded tensioners.

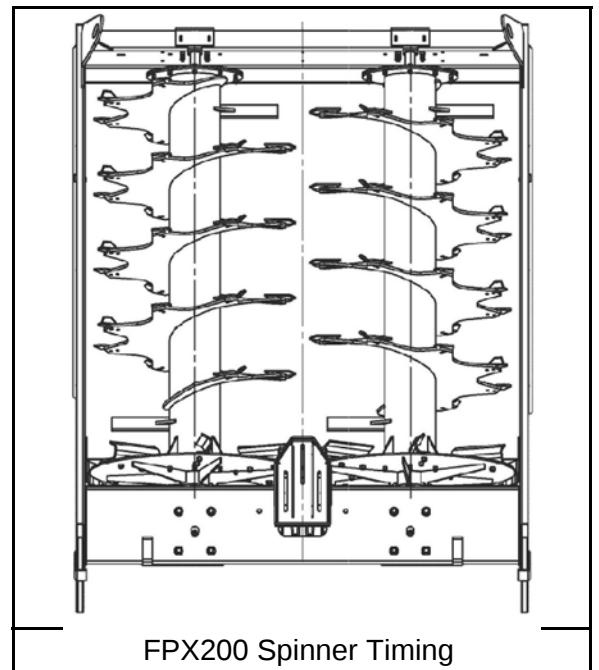
**NOTE: Spring on the left tensioner should be tensioned to 3-1/4" in total length. Spring on the right tensioner should be tensioned to 3-3/8" in total length.**

If necessary tighten the tensioner nut to increase the spring tension.

### 8.2.3 Timing of Spinners (FPX200)

Verify that the spinners are timed when performing repairs or adjustments on the FPX200 attachment.

Time the expellers so flighting is staggered from one side to the other. Fine tune if necessary for balancing/smooth running.



#### **8.2.4 Balance of Spinners**

Review the rear spinner disks to make sure all paddles are in place and securely fastened. The loss of a paddle can cause the spinner to be unbalanced, causing damage to the machine. If the spinners are out of balance do not operate until corrective action has been taken.

#### **8.2.5 PTO Cutout Clutch Connection**

The cutout clutch end of the PTO driveline must always be attached to the implement. The PTO driveline is equipped with a 1-3/4 x 20 spline on the implement half for attaching to the spreader. Remove the M17-hexagon bolt from the splined hub and slide the PTO onto the implement splined input shaft. Install the hexagon bolt through the hub being sure the bolt is falling into the groove on the splined shaft. Torque tight using a metric size M17 6-point socket and torque down to 75 ft. lbs. A M17 6-POINT METRIC SOCKET MUST BE USED AS ROUNDING OF HEXAGON BOLT AND INACCURACY OF TORQUE SETTINGS COULD OCCUR.

If removal of the M-17 hexagon bolt is necessary, use the same M-17 6-point socket and loosen bolt 1/2 turn. Insert a 1/4" drift punch in the hole on the opposite side of the hexagon bolt and tap to loosen the seated portion of the bolt from the splined hub. Loosen in 1/4 turn increments and tapping to loosen. After bolt seat has been released, remove the bolt. If bolt is not unseated, damage to the hexagon bolt will occur.

Attach the shield safety chain to a suitable area on the spreader, preferably to the implement PTO steel shield.

## 8.3 FASTENER TORQUE SPECIFICATIONS

After an initial break in period approximately four months and periodically thereafter, ALL bolts and nuts should be checked to ensure that recommended torque values are being maintained.

### 8.3.1 General Torque Specifications

| Head Marking                                                                                        | Grade and Material                                                         | Nominal Size Range (inches)             |
|-----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|-----------------------------------------|
| <br>No Markings    | <b>Grade 2</b><br>Low or medium carbon steel                               | 1/4" thru 3/4"<br>Over 3/4" thru 1-1/2" |
| <br>3 Radial Lines | <b>Grade 5</b><br>Medium carbon steel, quenched and tempered               | 1/4" thru 1"<br>Over 1" thru 1-1/2"     |
| <br>6 Radial Lines | <b>Grade 8</b><br>Medium carbon alloy steel, quenched and tempered         | 1/4" thru 1-1/2"                        |
| <br>A325         | <b>Grade A325</b><br>Carbon or Alloy Steel with or without Boron           | 1/2" thru 1-1/2"                        |
| Stainless markings vary. Most stainless is non-magnetic                                             | <b>18-8 Stainless</b><br>Steel alloy with 17-19% Chromium and 8-13% Nickel | All Sizes thru 1"                       |

Figure 8.3 SAE Bolt Grade

| Head Marking                                                                                | Class and Material                                                         | Nominal Size Range (mm)             |
|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|-------------------------------------|
| <br>8.8  | <b>Class 8.8</b><br>Medium carbon steel, quenched and tempered             | All Sizes below 16mm<br>16mm - 72mm |
| <br>10.9 | <b>Class 10.9</b><br>Alloy steel, quenched and tempered                    | 5mm - 100mm                         |
| <br>12.9 | <b>Class 12.9</b><br>Alloy steel, quenched and tempered                    | 1.6mm - 100mm                       |
| Stainless markings vary. Most stainless is non-magnetic. Usually stamped A-2.               | <b>A-2 Stainless</b><br>Steel alloy with 17- 19% chromium and 8-13% nickel | All Sizes thru 20mm                 |

Figure 8.2 Metric Bolt Grade

| SAE           |                    |             |                    |             |
|---------------|--------------------|-------------|--------------------|-------------|
|               | Grade 5, 5.1 & 5.2 |             | Grade 8 & 8.2      |             |
| Size (inches) | Lubricated (lb-ft) | Dry (lb-ft) | Lubricated (lb-ft) | Dry (lb-ft) |
| <b>1/4</b>    | 7                  | 9           | 10                 | 12.5        |
| <b>5/16</b>   | 15                 | 18          | 21                 | 26          |
| <b>3/8</b>    | 26                 | 33          | 36                 | 46          |
| <b>7/16</b>   | 41                 | 52          | 58                 | 75          |
| <b>1/2</b>    | 63                 | 80          | 90                 | 115         |
| <b>9/16</b>   | 90                 | 115         | 130                | 160         |
| <b>5/8</b>    | 125                | 160         | 160                | 225         |
| <b>3/4</b>    | 225                | 280         | 310                | 400         |
| <b>7/8</b>    | 360                | 450         | 500                | 650         |
| <b>1</b>      | 540                | 675         | 750                | 975         |
| <b>1-1/8</b>  | 675                | 850         | 1075               | 1350        |
| <b>1-1/4</b>  | 950                | 1200        | 1500               | 1950        |
| <b>1-3/8</b>  | 1250               | 1550        | 2000               | 2550        |
| <b>1-1/2</b>  | 1650               | 2100        | 2650               | 3350        |

| METRIC     |                    |             |                    |             |                    |             |                    |             |
|------------|--------------------|-------------|--------------------|-------------|--------------------|-------------|--------------------|-------------|
|            | Class 4.8          |             | Class 8.8 & 9.8    |             | Class 10.9         |             | Class 12.9         |             |
| Size (mm)  | Lubricated (lb-ft) | Dry (lb-ft) | Lubricated (lb-ft) | Dry (lb-ft) | Lubricated (lb-ft) | Dry (lb-ft) | Lubricated (lb-ft) | Dry (lb-ft) |
| <b>M6</b>  | 3.5                | 4.5         | 6.5                | 8.5         | 9.5                | 12          | 11.5               | 14.5        |
| <b>M8</b>  | 8.5                | 11          | 16                 | 20          | 24                 | 30          | 28                 | 35          |
| <b>M10</b> | 17                 | 21          | 32                 | 40          | 47                 | 60          | 55                 | 70          |
| <b>M12</b> | 29                 | 37          | 55                 | 70          | 80                 | 105         | 95                 | 120         |
| <b>M14</b> | 47                 | 60          | 88                 | 110         | 130                | 165         | 150                | 109         |
| <b>M16</b> | 73                 | 92          | 140                | 175         | 200                | 225         | 240                | 300         |
| <b>M18</b> | 100                | 125         | 195                | 250         | 275                | 350         | 325                | 410         |
| <b>M20</b> | 140                | 180         | 275                | 350         | 400                | 500         | 460                | 580         |
| <b>M22</b> | 190                | 250         | 375                | 475         | 540                | 675         | 625                | 800         |
| <b>M24</b> | 250                | 310         | 475                | 600         | 675                | 850         | 800                | 1000        |
| <b>M27</b> | 360                | 450         | 700                | 875         | 1000               | 1250        | 1150               | 1500        |
| <b>M30</b> | 490                | 625         | 950                | 1200        | 1350               | 1700        | 1600               | 2000        |
| <b>M33</b> | 675                | 850         | 1300               | 1650        | 1850               | 2350        | 2150               | 2750        |
| <b>M36</b> | 850                | 1075        | 1650               | 2100        | 2350               | 3000        | 2750               | 3500        |

## 8.4 ELECTRICAL

### 8.4.1 Digital Scale Indicator

Refer to scale indicator manufacturer's operators manual for maintenance.

***NOTE: Some scale drift may occur after the scale is turned on but should level out within 10 to 15 minutes. Temperature changes may also cause some drifting.***

#### Scale Set Up Numbers

| 9724 (8 Load Cells) |               |
|---------------------|---------------|
| SET UP #            | CALIBRATION # |
| 127088              | 70547         |

| 9728 (10 Load Cells) |               |
|----------------------|---------------|
| SET UP #             | CALIBRATION # |
| 127110               | 88184         |

| 9732 (12 Load Cells) |               |
|----------------------|---------------|
| SET UP #             | CALIBRATION # |
| 127110               | 105821        |

## 8.5 STORING THE IMPLEMENT



### CAUTION

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

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

- Fully empty the material from the spreader. (See 7.0 Operation on page 39.)
- Thoroughly clean the equipment.
- Lubricate the equipment. (See 8.1 LUBRICATION on page 47.)
- Apply oil to the apron chains and inspect all spreader components for wear or damage. Repair and replace components as necessary.
- Make appropriate adjustments to equipment. (See 8.2 ADJUSTMENTS on page 53.)
- Place hydraulic hoses and 7-pin connector in the storage brackets.
- 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 RETURN THE IMPLEMENT TO SERVICE

After the Meyer spreader 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. (See 8.1 LUBRICATION on page 47.)
- Connect to a tractor and operate equipment; verify all functions operate correctly.
- Check for leaks; repair as needed.

## 9.0 PARTS REPAIR AND REPLACEMENT



### WARNING

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



### CAUTION

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



### CAUTION

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



### IMPORTANT

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

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

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



### WARNING

**Crushing Hazard:**  
**Do Not work under suspended or blocked parts**



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

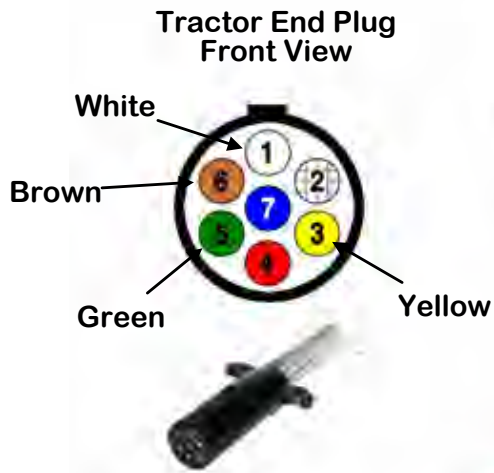


### IMPORTANT

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

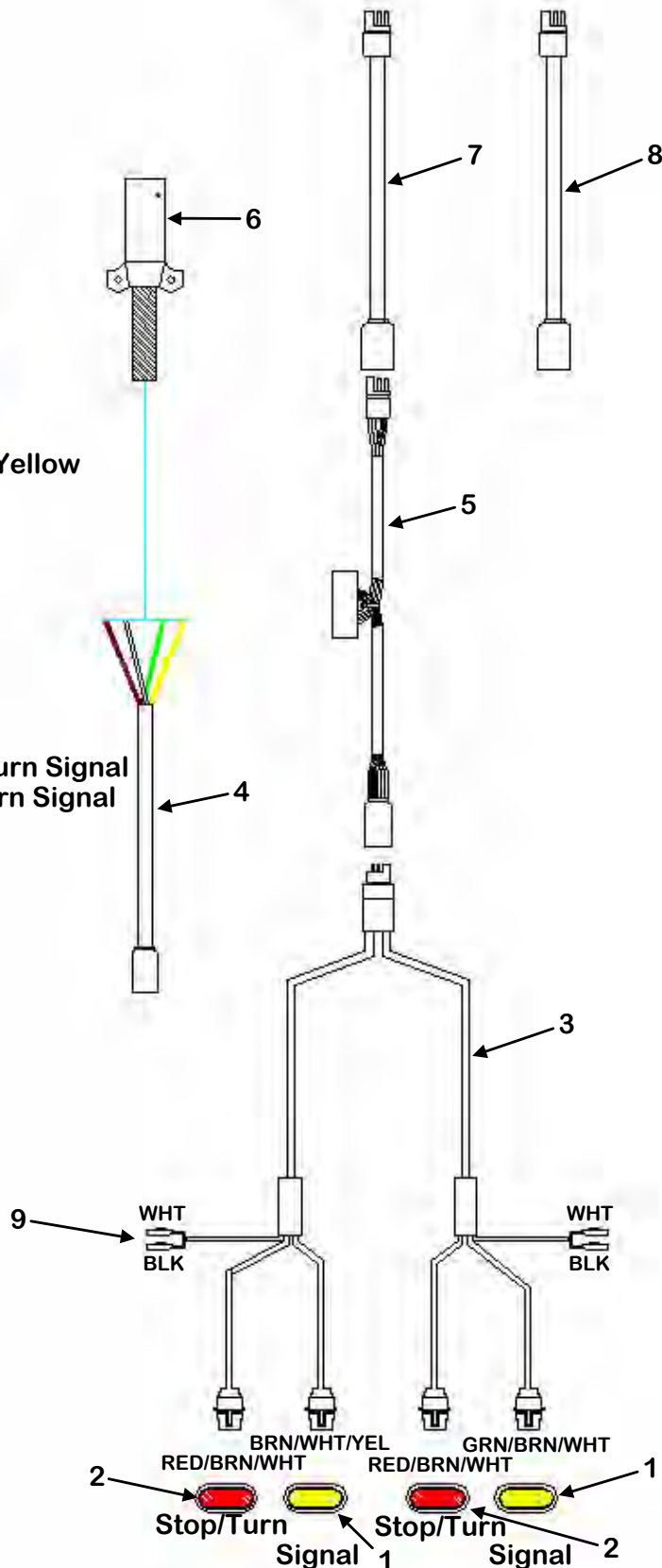
**NOTE:** Be environmentally friendly and dispose of any waste materials properly. Recycle when appropriate.

# LIGHTS



## Cable Color Code

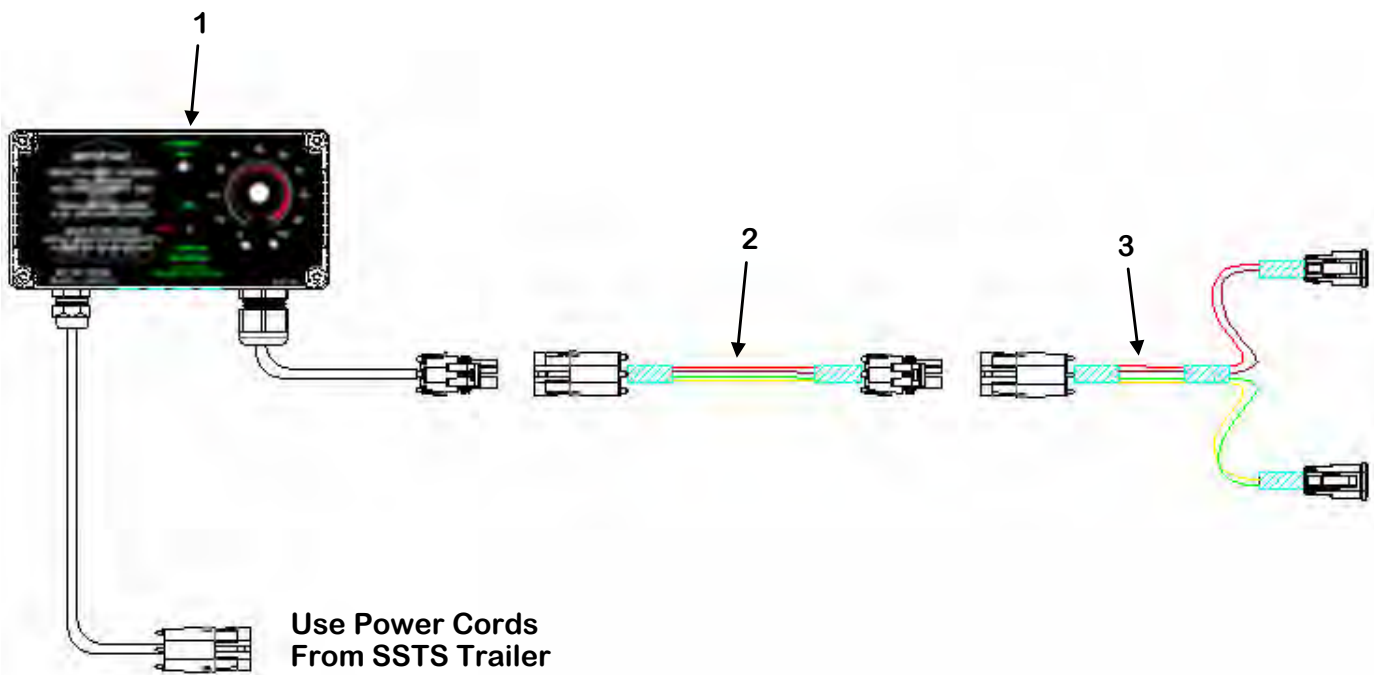
- 6) Brown Wire - Tail Lights
- 5) Green Wire - Right Side Brake/Turn Signal
- 3) Yellow Wire - Left Side Brake/Turn Signal
- 1) White Wire - Ground



CP-97-0022-1

| KEY | PART NUMBER | QTY | DESCRIPTION                            | MODEL      |
|-----|-------------|-----|----------------------------------------|------------|
| 1   | 56-0081-AMP | 2   | 6-1/2" Oval Amber Light                | All Models |
|     | 56-0082     | 2   | 6-1/2" Oval Grommet                    | All Models |
| 2   | 56-0115-AMP | 2   | 6-1/2" Oval Red Light                  | All Models |
|     | 56-0082     | 2   | 6-1/2" Oval Grommet                    | All Models |
| 3   | 56-0305     | 1   | Rear Harness                           | All Models |
| 4   | 56-0306     | 1   | 191" Front Power                       | All Models |
| 5   | 56-0284     | 1   | AG Module Flasher                      | All Models |
| 6   | 56-0005-4   | 1   | 7-Way Plug With Spring Male            | All Models |
| 7   | 56-0309     | 1   | 150" Primary Power Extension Harness   | 9724/9728  |
|     | 56-0307     | 1   | 198" Secondary Power Extension Harness | 9732       |
| 8   | 56-0309     | 1   | 150" Secondary Power Extension Harness | 9724/9728  |
|     | 56-0307     | 1   | 198" Secondary Power Extension Harness | 9732       |
| 9   | 56-0260     | 4   | Maxi-Seal Plug                         | All Models |

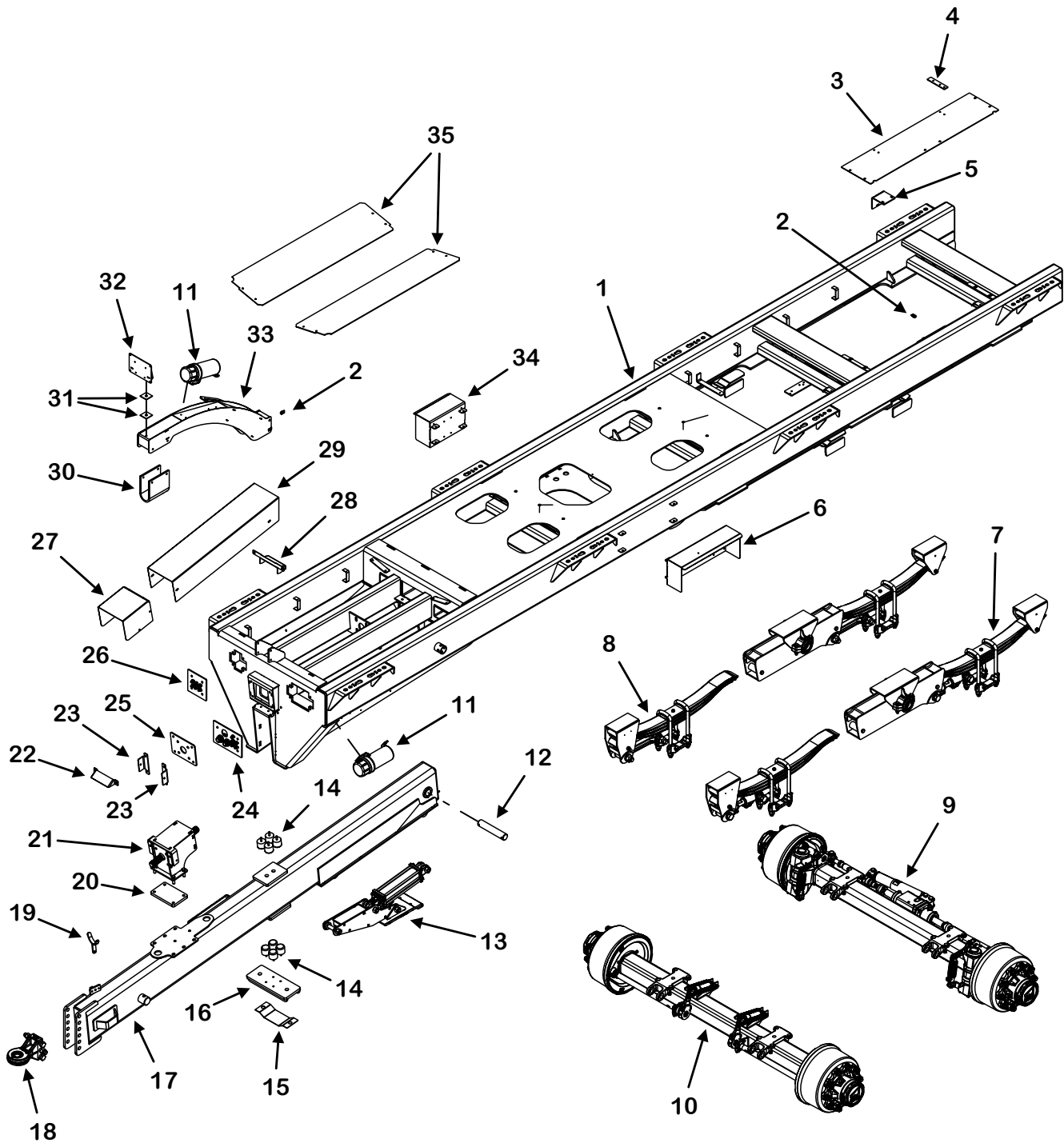
## CONTROL BOX ELECTRICAL



CP-97-0023-1

| KEY | PART NUMBER | QTY | DESCRIPTION                     | MODEL      |
|-----|-------------|-----|---------------------------------|------------|
| 1   | 656-0300-5  | 1   | Control Box Assembly With Leads | All Models |
| 2   | 656-0300-2  | 1   | Front Wiring Harness Assembly   | All Models |
| 3   | 656-0300-10 | 1   | Rear Wiring Harness Assembly    | 9724       |
|     | 656-0300-9  | 1   | Rear Wiring Harness Assembly    | 9728       |
|     | 656-0300-8  | 1   | Rear Wiring Harness Assembly    | 9732       |

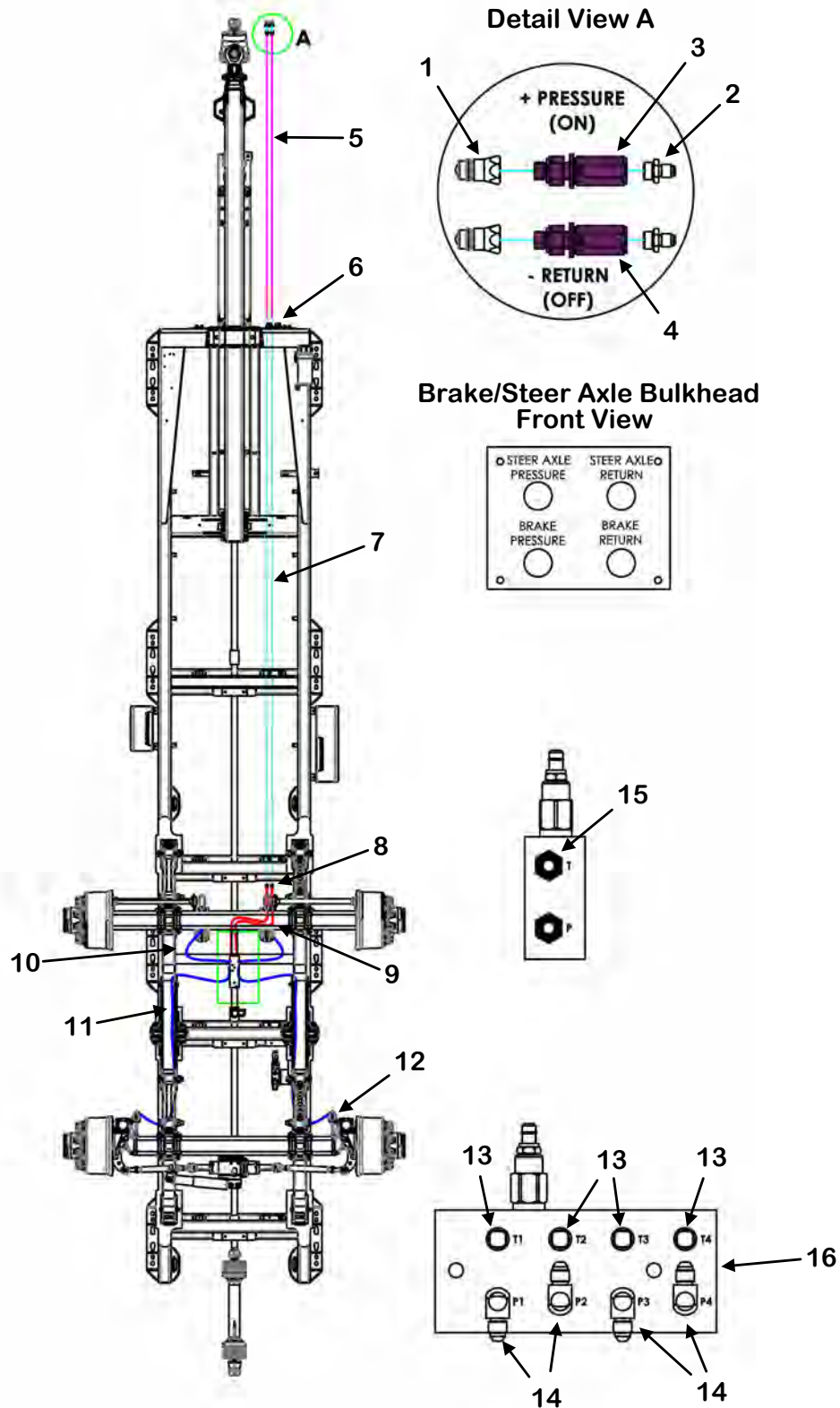
# 9724 TANDEM TRAILER



CP-97-0001-1

| KEY | PART NUMBER  | QTY | DESCRIPTION                                         |
|-----|--------------|-----|-----------------------------------------------------|
| 1   | 675-1047     | 1   | Trailer Weldment (Includes Key #s 7 & 8)            |
| 2   | 32-0302      | 10  | Clip On Nut                                         |
| 3   | 601-0760     | 1   | Cover Plate                                         |
| 4   | 601-0770     | 1   | Bracket                                             |
| 5   | 675-1011-30  | 1   | EPFC Bracket                                        |
| 6   | 624-0028     | 1   | J-Box Mount Weldment                                |
| 7   | See Page 90  | 1   | Rear Suspension                                     |
| 8   | See Page 86  | 1   | Front Suspension                                    |
| 9   | See Page 82  | 1   | Rigid Axle                                          |
|     | See Page 84  | 1   | Steerable Axle (Optional)                           |
| 10  | See Page 82  | 1   | Rigid Axle                                          |
| 11  | 33-0060      | 2   | Operator Manual Canister                            |
| 12  | 675-1080     | 1   | Tongue Pin                                          |
| 13  | See Page 152 | 1   | Hydraulic Jack (Optional)                           |
| 14  | 649-0058     | 8   | Crane Buffer                                        |
| 15  | 675-1072     | 1   | Hitch Tube Keeper Plate Cover                       |
| 16  | 675-1042     | 1   | Hitch Tube Keeper Plate Weldment                    |
| 17  | 75-4577      | 1   | Hitch Tube Weldment                                 |
|     | 75-4581      | 1   | Hitch Tube Weldment Hydraulic Jack Ready (Optional) |
| 18  | 75-2045-KIT  | 1   | Bull Pull Hitch (Includes Hardware)                 |
|     | 881-1008-7Z  | 3   | 1"-08 x 7" Hex Cap Screw                            |
|     | 885-1008-Z   | 3   | 1"-08 Nylon Insert Lock Nut                         |
| 19  | 675-1024     | 1   | PTO Holder Weldment                                 |
| 20  | 649-0002     | 1   | Bearing Backer Base Pad                             |
| 21  | See Page 92  | 1   | Attachment Driveline                                |
| 22  | 675-1044     | 1   | Front Bump Stop Bolt Cover Plate                    |
| 23  | 675-1050-8   | 2   | Bracket                                             |
| 24  | 675-1034     | 1   | Bulkhead Plate Weldment                             |
| 25  | 675-1022     | 1   | Bearing Mount Plate                                 |
| 26  | 675-1054     | 1   | Bulkhead Mount Plate                                |
| 27  | 931-3810     | 1   | PTO Guard Welded Assembly                           |
| 28  | 675-1045     | 1   | Rear Bump Stop Bolt Cover Plate                     |
| 29  | 675-1050-7   | 1   | PTO Cover                                           |
| 30  | 649-0070     | 1   | Rubber Hose Holder                                  |
| 31  | M9-1-8-0004  | 2   | Rubber Washer                                       |
| 32  | M9-1-8-0002  | 1   | Scale Indicator Mount Weldment                      |
| 33  | 601-0690     | 1   | Hose Support Assembly (Includes Key #s 2 & 30)      |
| 34  | 624-0029     | 1   | J-Box Mount Weldment                                |
| 35  | 601-0754     | 2   | Cover Plate                                         |

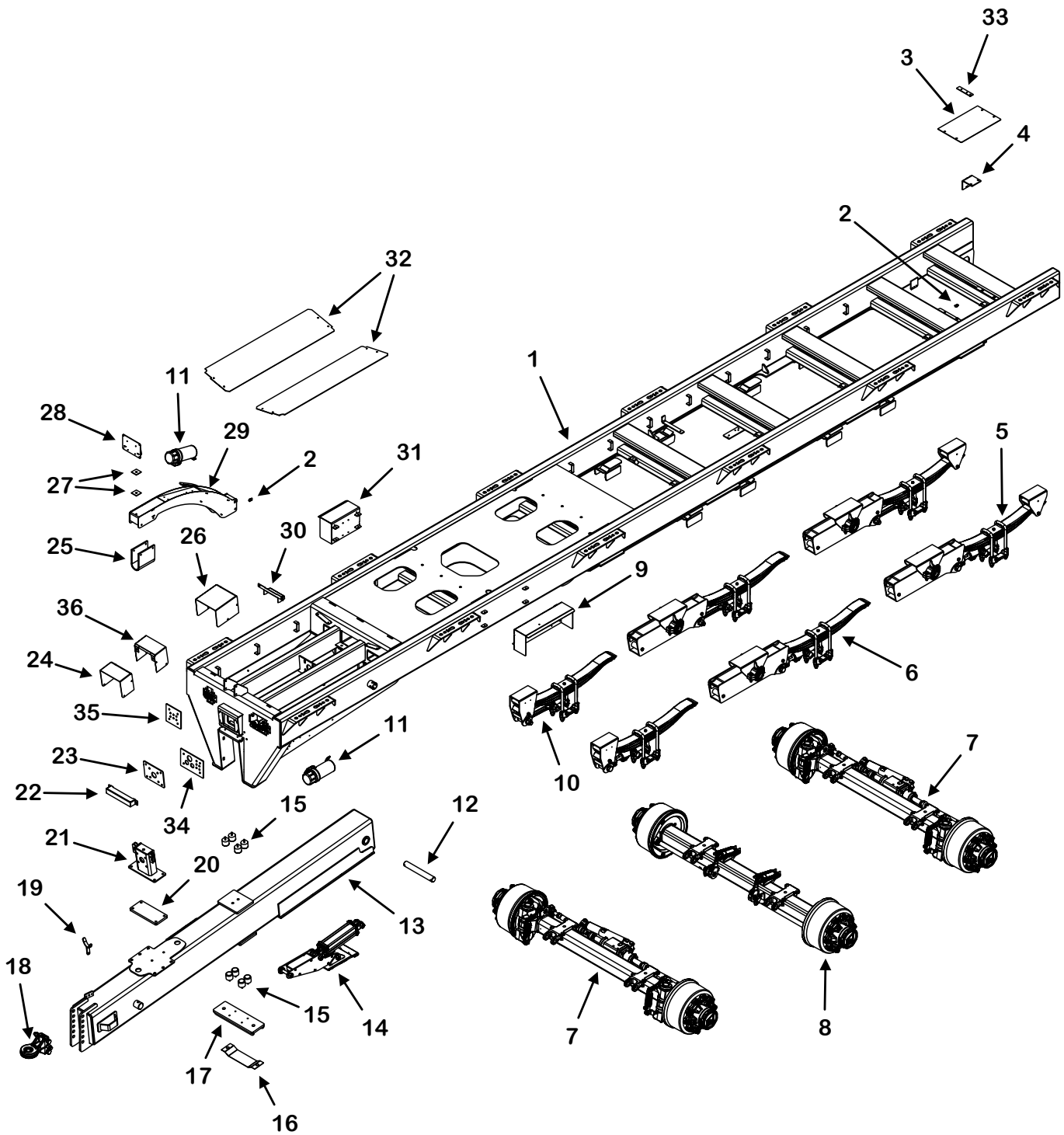
# 9724 TANDEM BRAKE HYDRAULIC SYSTEM



CP-97-0004-1

| KEY | PART NUMBER       | QTY | DESCRIPTION               |
|-----|-------------------|-----|---------------------------|
| 1   | 155-8010-15       | 2   | 1/2" Male Tip             |
| 2   | 155-6400-6-8      | 2   | Straight Adapter          |
| 3   | 155-HH-PU-1       | 1   | "+" Purple Hose Handle    |
| 4   | 155-HH-PU-2       | 1   | "-" Purple Hose Handle    |
| 5   | 155-04R17-139-1   | 2   | 1/4" x 139" Hose Assembly |
| 6   | 155-2700-LN-06-06 | 2   | Bulkhead Straight Coupler |
| 7   | 55-0493           | 2   | 3/8" x 200" Tube          |
| 8   | 155-2403-06-06    | 2   | Straight Adapter          |
| 9   | 155-04R17-28-1    | 2   | 1/4" x 28" Hose Assembly  |
| 10  | 155-04R17-75-1    | 2   | 1/4" x 75" Hose Assembly  |
| 11  | 155-04R17-97-1    | 2   | 1/4" x 97" Hose Assembly  |
| 12  | 155-7202-06-06    | 4   | 90° Fitting               |
| 13  | 55-0167           | 4   | Plug                      |
| 14  | 155-2501-06-04    | 4   | 90° Fitting               |
| 15  | 155-2404-06-04    | 2   | Straight Adapter          |
| 16  | 57-0046           | 1   | Manifold                  |

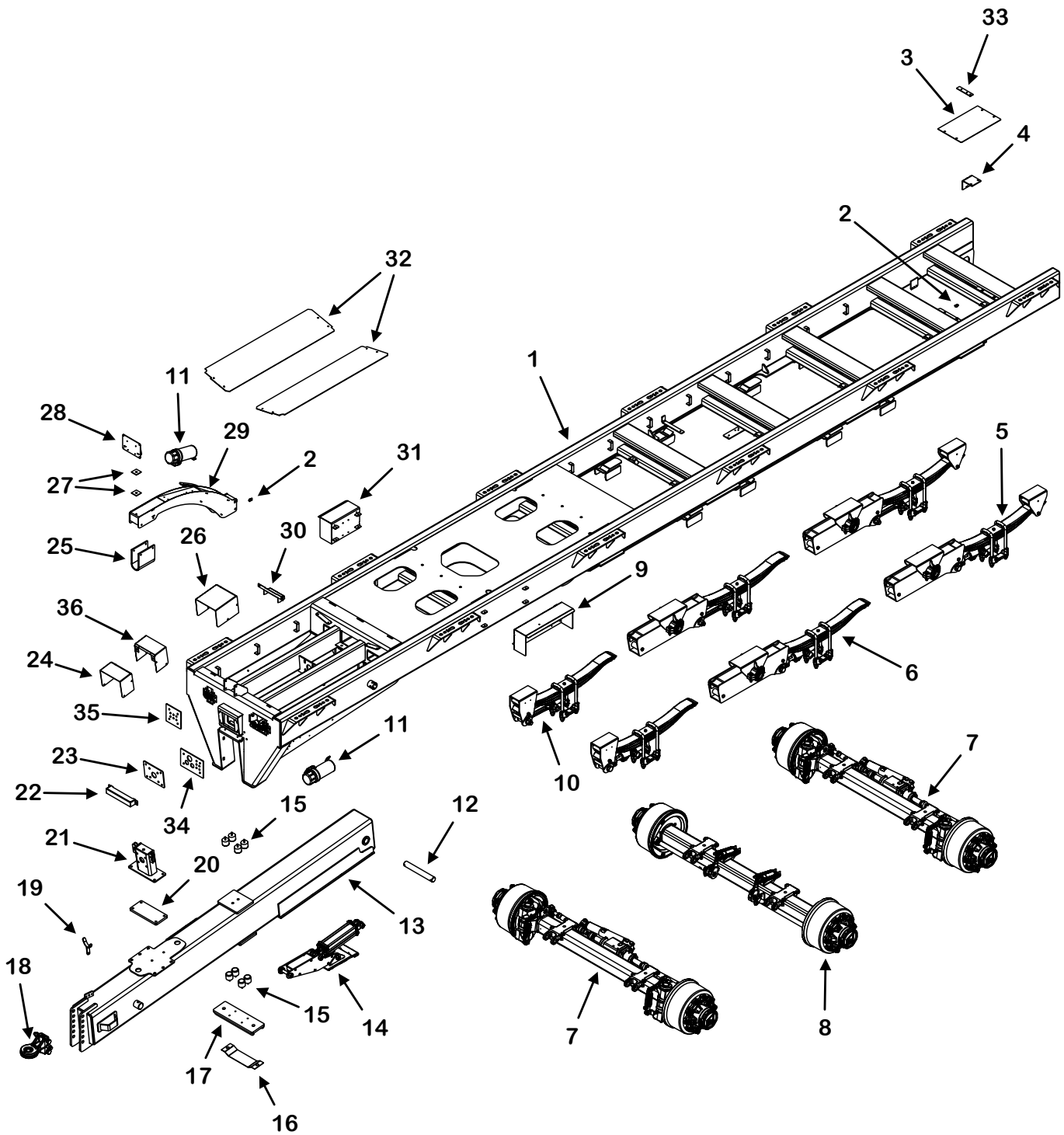
# 9728 / 9732 TRIDEM TRAILER



CP-97-0002-1

| KEY | PART NUMBER         | QTY  | DESCRIPTION                                                  |
|-----|---------------------|------|--------------------------------------------------------------|
| 1   | 675-1055            | 1    | Trailer Weldment (Includes Key #s 5, 6 & 10)                 |
| 2   | 32-0302             | 10/8 | Clip On Nut (9728/9732)                                      |
| 3   | 601-0759            | 1    | 9728 Cover Plate                                             |
|     | 601-0755            | 1    | 9732 Cover Plate                                             |
| 4   | 675-1011-30         | 1    | EPFC Bracket                                                 |
| 5   | See Page 90         | 1    | Rear Suspension                                              |
| 6   | See Page 88         | 1    | Center Suspension                                            |
| 7   | See Page 84         | 2    | Steerable Axle                                               |
| 8   | See Page 82         | 1    | Rigid Axle                                                   |
| 9   | 624-0028            | 1    | J-Box Mount Weldment                                         |
| 10  | See Page 86         | 1    | Front Suspension                                             |
| 11  | 33-0060             | 2    | Operator Manual Canister                                     |
| 12  | 675-1002-7          | 1    | Tongue Pin (Prior to 2025 Model Year)                        |
|     | Call 1-800-325-9103 | 1    | Tongue Pin Update Kit (2025 Model Year Through SN 26SSTS202) |
|     | 675-1079            | 1    | Tongue Pin (SN 26SSTS203 & Later)                            |
| 13  | 75-4580             | 1    | Hitch Tube Weldment (Prior to 2025 Model Year)               |
|     | 75-4583             | 1    | Hitch Tube Weldment (2025 Model Year & Later)                |
| 14  | See Page 152        | 1    | Hydraulic Jack (Optional)                                    |
| 15  | 649-0058            | 8    | Crane Buffer                                                 |
| 16  | 675-1043            | 1    | Hitch Tube Keeper Plate Cover (Prior to 2025 Model Year)     |
|     | 675-1061            | 1    | Hitch Tube Keeper Plate Cover (2025 Model Year & Later)      |
| 17  | 675-1042            | 1    | Hitch Tube Keeper Plate Weldment (Prior to 2025 Model Year)  |
|     | 675-1060            | 1    | Hitch Tube Keeper Plate Weldment (2025 Model Year & Later)   |
| 18  | 75-2052             | 1    | Bull Pull Hitch                                              |
|     | 881-1008-7Z         | 3    | 1"-08 x 7" Hex Cap Screw                                     |
|     | 885-1008-Z          | 3    | 1"-08 Nylon Insert Lock Nut                                  |
| 19  | 675-1024            | 1    | PTO Holder Weldment                                          |
| 20  | 649-0087            | 1    | Front Bearing Base Plate                                     |
| 21  | See Page 92         | 1    | Attachment Driveline                                         |
| 22  | 675-1044            | 1    | Front Bump Stop Bolt Cover Plate (Prior to 2025 Model Year)  |
|     | 675-1062            | 1    | Front Bump Stop Bolt Cover Plate (2025 Model Year & Later)   |
| 23  | 675-1022            | 1    | Bearing Mount Plate                                          |
| 24  | 675-1066            | 1    | PTO Guard Welded Assembly                                    |

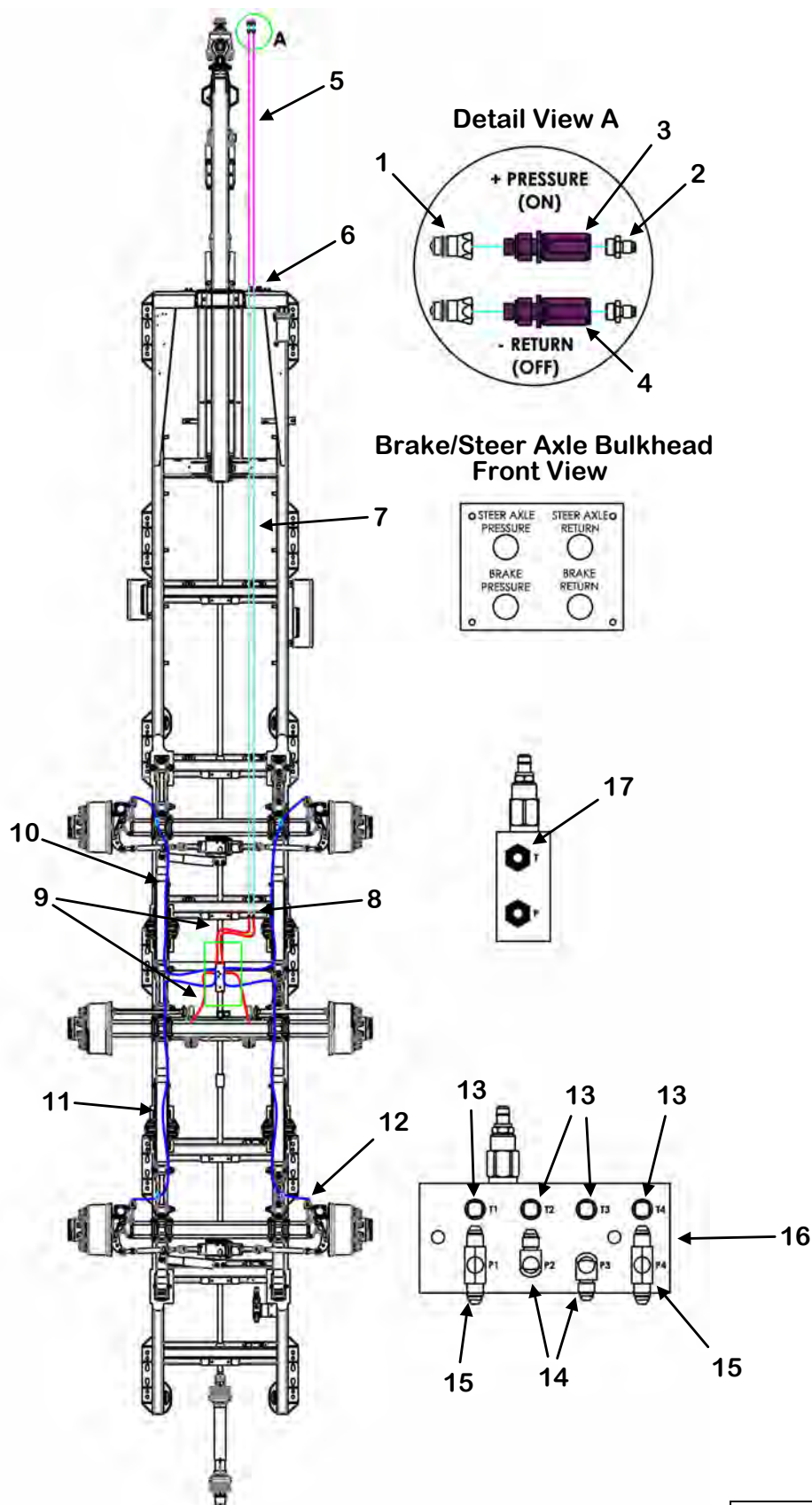
# 9728 / 9732 TRIDEM TRAILER



CP-97-0002-1

| KEY | PART NUMBER | QTY | DESCRIPTION                                    |
|-----|-------------|-----|------------------------------------------------|
| 25  | 649-0070    | 1   | Rubber Hose Holder                             |
| 26  | 675-1023    | 1   | PTO Guard Weldment                             |
| 27  | M9-1-8-0004 | 2   | Rubber Washer                                  |
| 28  | M9-1-8-0002 | 1   | Scale Indicator Mount Weldment                 |
| 29  | 601-0690    | 1   | Hose Support Assembly (Includes Key #s 2 & 25) |
| 30  | 675-1045    | 1   | Rear Bump Stop Bolt Cover Plate                |
| 31  | 624-0029    | 1   | J-Box Mount Weldment                           |
| 32  | 601-0754    | 2   | Cover Plate                                    |
| 33  | 601-0770    | 1   | Bracket (9728 Only)                            |
| 34  | 675-1034    | 1   | Bulkhead Plate Weldment                        |
| 35  | 675-1054    | 1   | Bulkhead Mount Plate                           |
| 36  | 675-1065    | 1   | PTO Guard Welded Assembly                      |

9728 / 9732 TRIDEM BRAKE HYDRAULIC SYSTEM

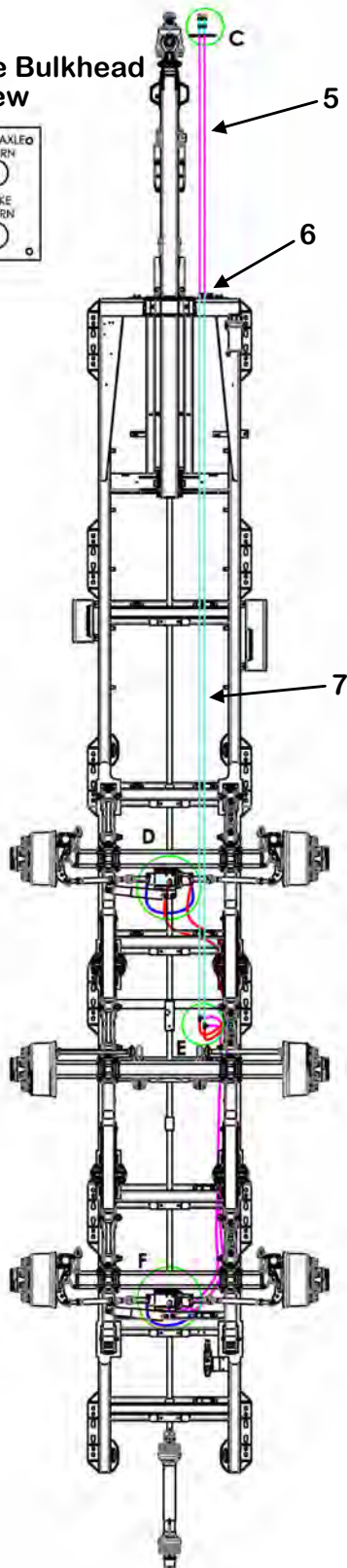
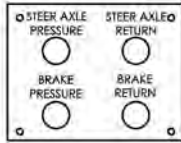


CP-97-0005-1

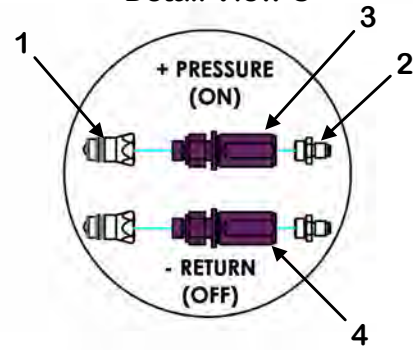
| KEY | PART NUMBER       | QTY | DESCRIPTION               | MODEL |
|-----|-------------------|-----|---------------------------|-------|
| 1   | 155-8010-15       | 2   | 1/2" Male Tip             | Both  |
| 2   | 155-6400-6-8      | 2   | Straight Adapter          | Both  |
| 3   | 155-HH-PU-1       | 1   | "+" Purple Hose Handle    | Both  |
| 4   | 155-HH-PU-2       | 1   | "-" Purple Hose Handle    | Both  |
| 5   | 155-04R17-139-1   | 2   | 1/4" x 139" Hose Assembly | Both  |
| 6   | 155-2700-LN-06-06 | 2   | Bulkhead Straight Coupler | Both  |
| 7   | 55-0497           | 2   | 3/8" x 216" Tube          | 9728  |
|     | 55-0372           | 2   | 3/8" x 242" Tube          | 9732  |
| 8   | 155-2403-06-06    | 2   | Straight Adapter          | Both  |
| 9   | 155-04R17-28-1    | 4   | 1/4" x 28" Hose Assembly  | Both  |
| 10  | 155-04R17-107-1   | 2   | 1/4" x 107" Hose Assembly | Both  |
| 11  | 155-04R17-120-1   | 2   | 1/4" x 120" Hose Assembly | Both  |
| 12  | 155-7202-06-06    | 4   | 90° Fitting               | Both  |
| 13  | 55-0167           | 4   | Plug                      | Both  |
| 14  | 155-2501-06-04    | 2   | 90° Fitting               | Both  |
| 15  | 155-2601-06-06-04 | 2   | Tee Fitting               | Both  |
| 16  | 57-0046           | 1   | Manifold                  | Both  |
| 17  | 155-2404-06-04    | 2   | Straight Adapter          | Both  |

# 9728 / 9732 TRIDEM LOCK & STEER HYDRAULIC SYSTEM

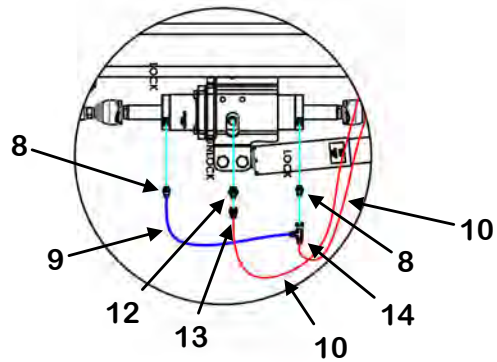
Brake/Steer Axle Bulkhead  
Front View



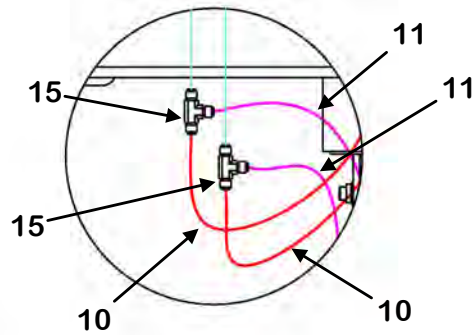
Detail View C



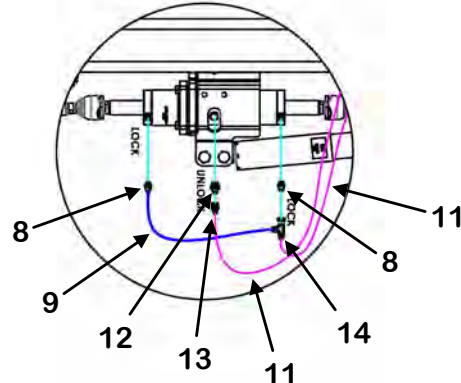
Detail View D



Detail View E



Detail View F



CP-97-0024-1

| KEY | PART NUMBER       | QTY | DESCRIPTION               | MODEL |
|-----|-------------------|-----|---------------------------|-------|
| 1   | 155-8010-15       | 2   | 1/2" Male Tip             | Both  |
| 2   | 155-6400-6-8      | 2   | Straight Adapter          | Both  |
| 3   | 155-HH-BK-1       | 1   | "+" Black Hose Handle     | Both  |
| 4   | 155-HH-BK-2       | 1   | "-" Black Hose Handle     | Both  |
| 5   | 155-04R17-139-1   | 2   | 1/4" x 139" Hose Assembly | Both  |
| 6   | 155-2700-LN-06-06 | 2   | Bulkhead Straight Coupler | Both  |
| 7   | 55-0497           | 2   | 3/8" x 216" Tube          | 9728  |
|     | 55-0372           | 2   | 3/8" x 242" Tube          | 9732  |
| 8   | 155-7002-06-04    | 4   | Straight Adapter          | Both  |
| 9   | 155-04R17-15-1    | 2   | 1/4" x 15" Hose Assembly  | Both  |
| 10  | 155-04R17-88-1    | 2   | 1/4" x 88" Hose Assembly  | 9728  |
|     | 155-04R17-102-1   | 2   | 1/4" x 102" Hose Assembly | 9732  |
| 11  | 155-04R17-132-1   | 2   | 1/4" x 132" Hose Assembly | Both  |
| 12  | 155-JB06          | 2   | Straight Adapter          | Both  |
| 13  | 155-2406-06-06    | 2   | Straight Adapter          | Both  |
| 14  | 155-6602-06-06-06 | 2   | Tee Fitting               | Both  |
| 15  | 155-2603-06-06-06 | 2   | Tee Fitting               | Both  |

This technical diagram illustrates the exploded view of a vehicle chassis assembly. The main frame (1) is shown with various components numbered 1 through 36. The components include:

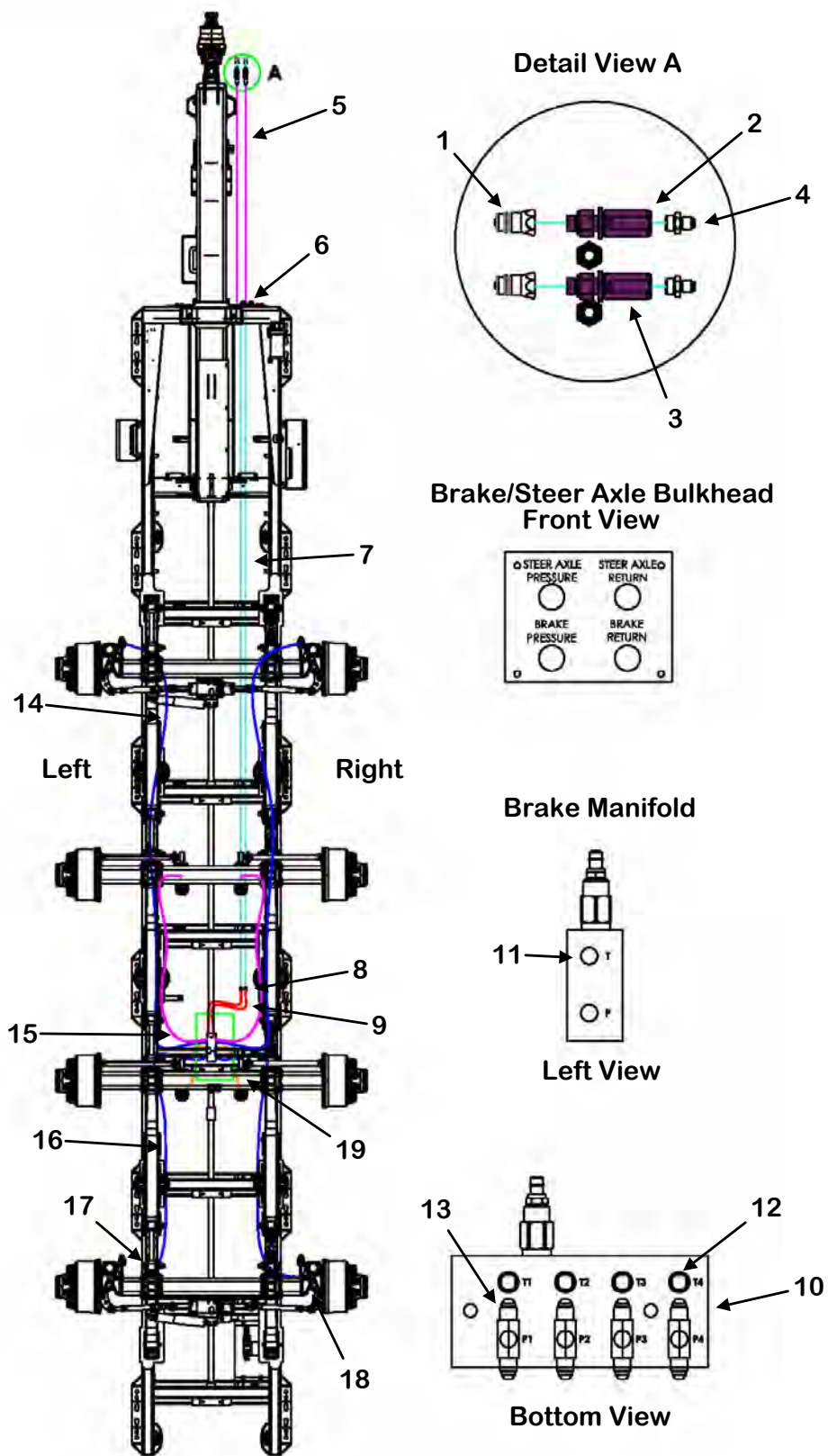
- 1**: Main chassis frame.
- 2**: Small rectangular component.
- 3**: Small rectangular component.
- 4**: Small rectangular component.
- 5**: Suspension arm assembly.
- 6**: Suspension arm assembly.
- 7**: Axle assembly with wheels.
- 8**: Axle assembly with wheels.
- 9**: Small rectangular component.
- 10**: Suspension arm assembly.
- 11**: Small rectangular component.
- 12**: Small rectangular component.
- 13**: Small rectangular component.
- 14**: Small rectangular component.
- 15**: Small rectangular component.
- 16**: Small rectangular component.
- 17**: Small rectangular component.
- 18**: Small rectangular component.
- 19**: Small rectangular component.
- 20**: Small rectangular component.
- 21**: Small rectangular component.
- 22**: Small rectangular component.
- 23**: Small rectangular component.
- 24**: Small rectangular component.
- 25**: Small rectangular component.
- 26**: Small rectangular component.
- 27**: Small rectangular component.
- 28**: Small rectangular component.
- 29**: Small rectangular component.
- 30**: Small rectangular component.
- 31**: Small rectangular component.
- 32**: Small rectangular component.
- 33**: Small rectangular component.
- 34**: Small rectangular component.
- 35**: Small rectangular component.
- 36**: Small rectangular component.

The diagram shows the assembly of the chassis, including the frame, suspension arms, axles, and various small components.

CP-97-0032-1

| KEY | PART NUMBER         | QTY | DESCRIPTION                                    |
|-----|---------------------|-----|------------------------------------------------|
| 1   | 675-1067            | 1   | Trailer Weldment (Includes Key #s 5, 6 & 10)   |
| 2   | 32-0302             | 16  | Clip On Nut                                    |
| 3   | 601-0759            | 1   | 9728 Cover Plate                               |
|     | 601-0755            | 1   | 9732 Cover Plate                               |
| 4   | 675-1011-30         | 1   | EPFC Bracket                                   |
| 5   | See Page 90         | 1   | Rear Suspension                                |
| 6   | See Page 88         | 2   | Center Suspension                              |
| 7   | See Page 84         | 2   | Steerable Axle                                 |
| 8   | See Page 82         | 2   | Rigid Axle                                     |
| 9   | 624-0028            | 1   | J-Box Mount Weldment                           |
| 10  | See Page 86         | 1   | Front Suspension                               |
| 11  | 33-0060             | 2   | Operator Manual Canister                       |
| 12  | Call 1-800-325-9103 | 1   | Tongue Pin Update Kit (Prior to SN 26SSTS203)  |
|     | 675-1079            | 1   | Tongue Pin (SN 26SSTS203 & Later)              |
| 13  | 75-4583             | 1   | Hitch Tube Weldment For Hydraulic Tongue Jack  |
| 14  | See Page 152        | 1   | Hydraulic Jack (Optional)                      |
| 15  | 649-0058            | 8   | Crane Buffer                                   |
| 16  | 675-1071            | 1   | Hitch Tube Keeper Plate Cover                  |
| 17  | 675-1060            | 1   | Hitch Tube Keeper Plate Weldment               |
| 18  | 75-2052             | 1   | Bull Pull Hitch                                |
|     | 881-1008-7Z         | 3   | 1"-08 x 7" Hex Cap Screw                       |
|     | 885-1008-Z          | 3   | 1"-08 Nylon Insert Lock Nut                    |
| 19  | 675-1024            | 1   | PTO Holder Weldment                            |
| 20  | 649-0087            | 1   | Front Bearing Base Plate                       |
| 21  | See Page 92         | 1   | Attachment Driveline                           |
| 22  | 675-1062            | 1   | Front Bump Stop Bolt Cover Plate               |
| 23  | 675-1022            | 1   | Bearing Mount Plate                            |
| 24  | 675-1066            | 1   | PTO Guard Welded Assembly                      |
| 25  | 649-0070            | 1   | Rubber Hose Holder                             |
| 26  | 675-1023            | 1   | PTO Guard Weldment                             |
| 27  | M9-1-8-0004         | 2   | Rubber Washer                                  |
| 28  | M9-1-8-0002         | 1   | Scale Indicator Mount Weldment                 |
| 29  | 601-0690            | 1   | Hose Support Assembly (Includes Key #s 2 & 25) |
| 30  | 675-1070            | 1   | Rear Bump Stop Bolt Cover Plate                |
| 31  | 624-0029            | 1   | J-Box Mount Weldment                           |
| 32  | 601-0754            | 2   | Cover Plate                                    |
| 33  | 624-0034            | 1   | Wire Cover                                     |
| 34  | 675-1065            | 1   | PTO Shield Weldment                            |
| 35  | 675-1034            | 1   | Bulkhead Plate Weldment                        |
| 36  | 675-1054            | 1   | Bulkhead Mount Plate                           |

9728 / 9732 QUAD BRAKE HYDRAULIC SYSTEM

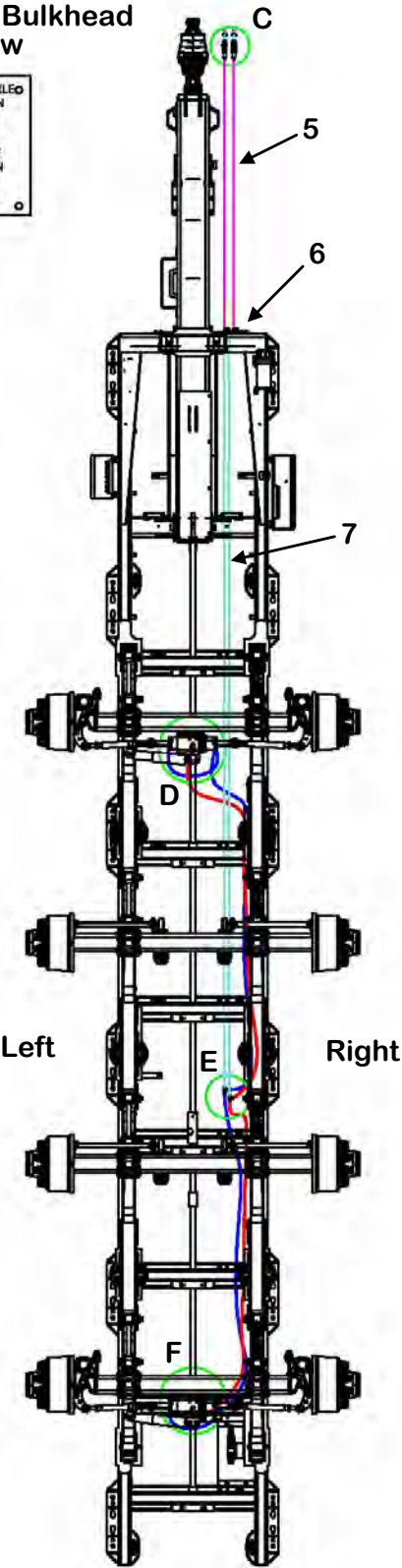
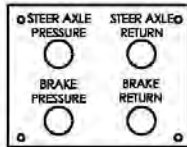


CP-97-0029-1

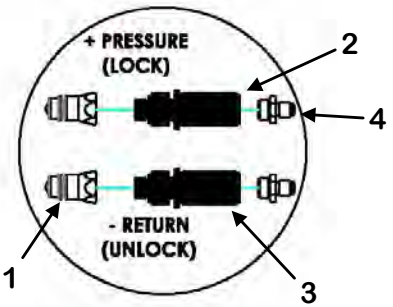
| KEY | PART NUMBER       | QTY | DESCRIPTION                                         |
|-----|-------------------|-----|-----------------------------------------------------|
| 1   | 155-8010-15       | 2   | #8 ORB Female, Male Tip                             |
| 2   | 155-HH-PU-1       | 1   | “+” Purple Hose Handle                              |
| 3   | 155-HH-PU-2       | 1   | “-” Purple Hose Handle                              |
| 4   | 155-6400-6-8      | 2   | #6 JIC Male, #8 ORB Male, Straight Adapter          |
| 5   | 155-04R17-139-1   | 2   | 1/4” x 139” Hose Assembly                           |
| 6   | 155-2700-LN-06-06 | 2   | #6 JIC Male, #6 JIC Male, Straight Bulkhead Adapter |
| 7   | 55-0372           | 2   | 3/8” x 342” Tube                                    |
| 8   | 155-2403-06-06    | 2   | #6 JIC Male, #6 JIC, Straight Adapter               |
| 9   | 155-04R17-28-1    | 2   | 1/4” x 28” Hose Assembly                            |
| 10  | 57-0046           | 1   | Manifold Block                                      |
| 11  | 155-2404-06-04    | 2   | #6 JIC Male, #4 P Male Straight Adapter             |
| 12  | 55-0167           | 4   | #4 P Male Plug                                      |
| 13  | 155-2601-06-06-04 | 4   | #6 JIC Male, #6 JIC Male, #4 P Male Tee Adapter     |
| 14  | 155-04R17-193-1   | 2   | 1/4” x 193” Hose Assembly                           |
| 15  | 155-04R17-88-1    | 2   | 1/4” x 88” Hose Assembly                            |
| 16  | 155-04R17-152-1   | 2   | 1/4” x 152” Hose Assembly                           |
| 17  | 32-0033           | 4   | 1/2” Loom Clamp                                     |
|     | 815-2520-z        | 4   | 1/4” Nylon Lock Nut                                 |
| 18  | 155-7202-06-06    | 8   | #6 JIC Male, #6 BSPP Male, 90° Adapter              |
| 19  | 155-04R17-32-1    | 2   | 1/4” x 32” Hose Assembly                            |

9728 / 9732 QUAD LOCK & STEER HYDRAULIC SYSTEM

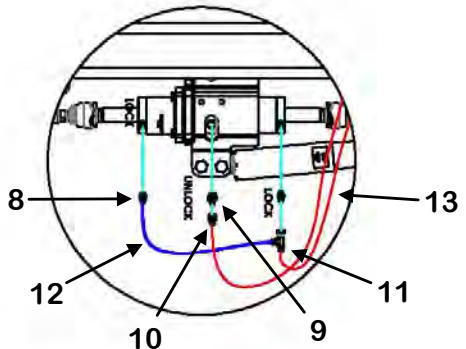
Brake/Steer Axle Bulkhead  
Front View



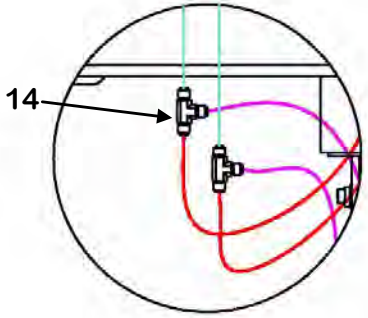
Detail View C



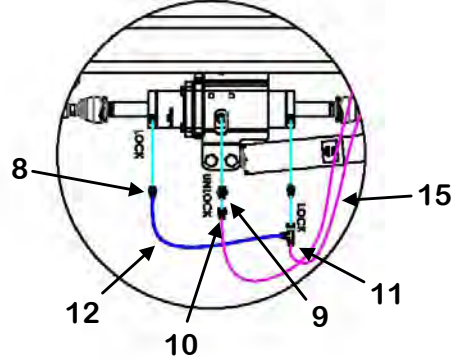
Detail View D



Detail View E



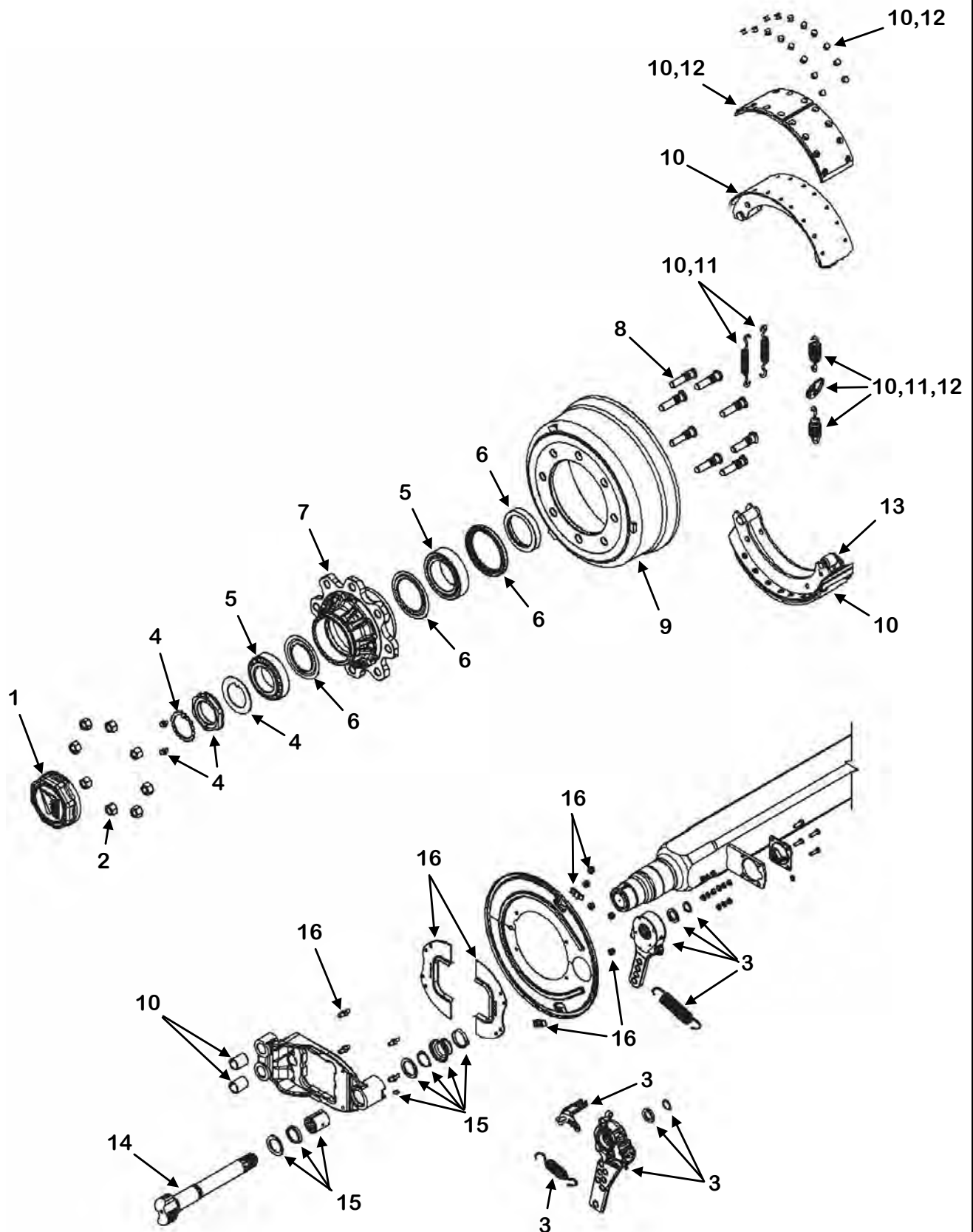
Detail View F



CP-97-0030-1

| KEY | PART NUMBER       | QTY | DESCRIPTION                                                |
|-----|-------------------|-----|------------------------------------------------------------|
| 1   | 155-8010-15       | 2   | #8 ORB Female, Male Tip                                    |
| 2   | 155-HH-BK-1       | 1   | “+” Black Hose Handle                                      |
| 3   | 155-HH-BK-2       | 1   | “-” Black Hose Handle                                      |
| 4   | 155-6400-6-8      | 2   | #6 JIC Male, #8 ORB Male, Straight Adapter                 |
| 5   | 155-04R17-139-1   | 2   | 1/4” x 139” Hose Assembly                                  |
| 6   | 155-2700-LN-06-06 | 2   | #6 JIC Male, #6 JIC Male, Straight Adapter                 |
| 7   | 55-0372           | 2   | 3/8” x 242” Tube                                           |
| 8   | 155-7002-06-04    | 3   | #6 JIC Male, #4 BSPP Male, Straight Adapter                |
| 9   | 155-JB06-06       | 2   | #6 JIC Male, #6 BSPP Male, Straight Adapter                |
| 10  | 155-2406-06-06    | 2   | #6 JIC Female, #6 JIC Male, Straight Adapter               |
| 11  | 155-6602-06-06-06 | 2   | #6 JIC Male, #6 JIC Female Swivel, #6 JIC Male Tee Adapter |
| 12  | 155-04R17-15-1    | 2   | 1/4” x 15” Hose Assembly                                   |
| 13  | 155-04R17-130-1   | 2   | 1/4” x 130” Hose Assembly                                  |
| 14  | 155-2603-06-06-06 | 2   | #6 JIC Male, #6 JIC Male, #6 JIC Male Tee Adapter          |
| 15  | 155-04R17-144-1   | 2   | 1/4” x 144” Hose Assembly                                  |

# RIGID AXLE

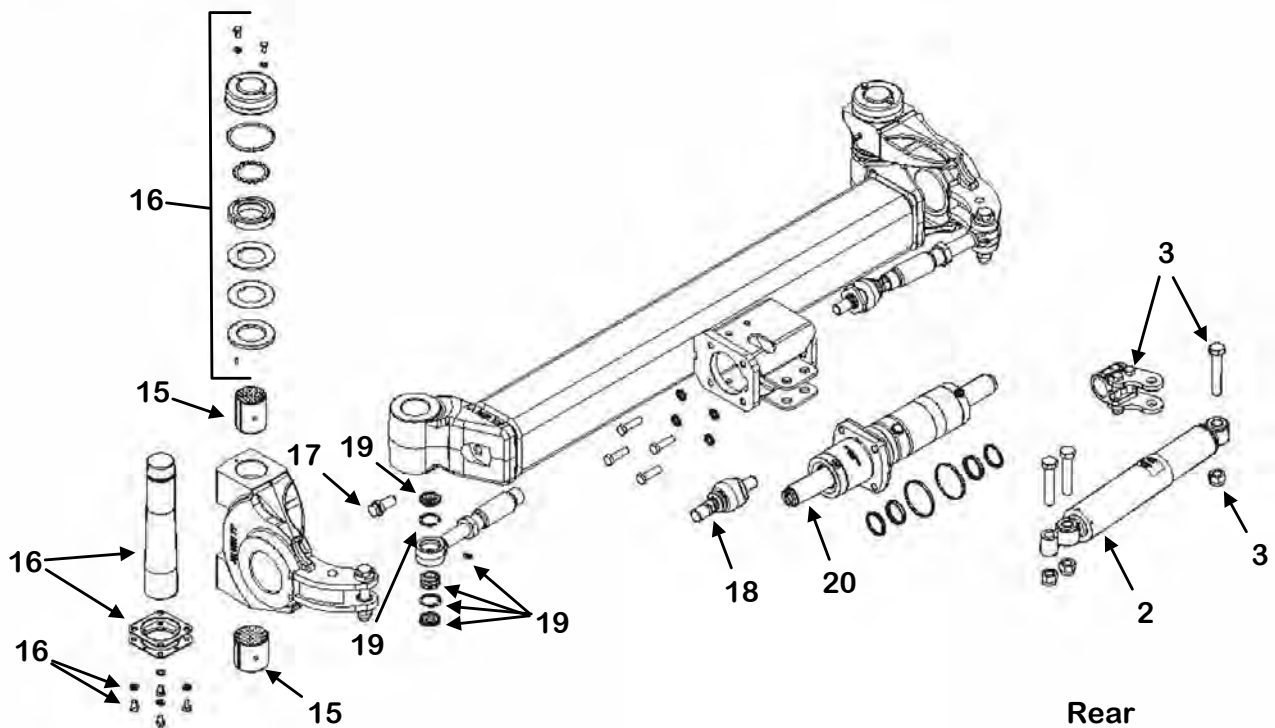
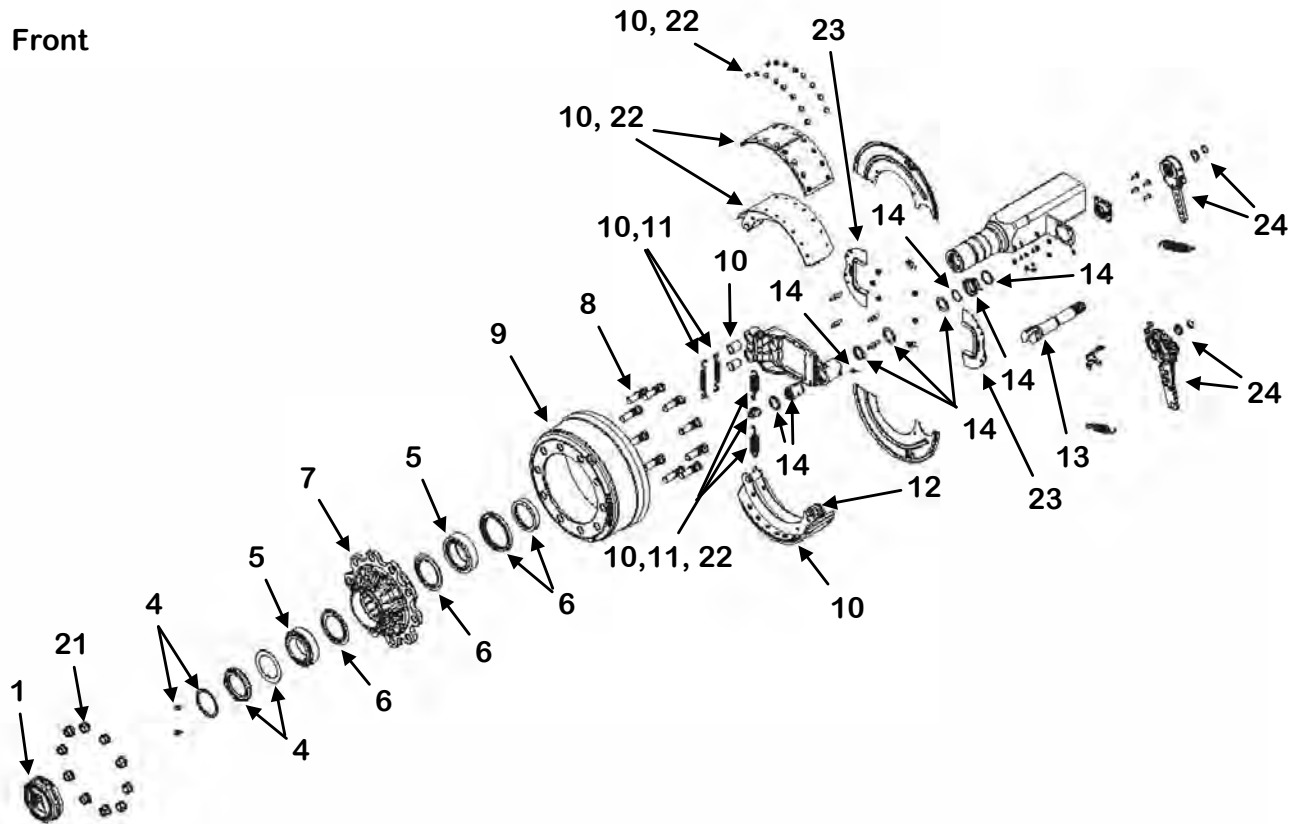


675-0010

| KEY | PART NUMBER     | QTY | DESCRIPTION                                                      |
|-----|-----------------|-----|------------------------------------------------------------------|
| 0   | 675-0010        | AR  | Rigid Axle Assembly                                              |
| 1   | 675-0010-1      | 2   | Cap Kit                                                          |
| 2   | 75-4500-1-1-2   | AR  | Lug Nut                                                          |
| 3   | 675-0010-6      | 1   | Slack Adjuster Spare Parts                                       |
| 4   | 675-0002-6      | 2   | Spindle Nut Kit                                                  |
| 5   | 675-0010-2      | 2   | Wheel Bearing Kit                                                |
| 6   | 675-0010-3      | 2   | Race & Seal Kit                                                  |
| 7   | 675-0010-4      | 2   | Hub Casting                                                      |
| 8   | 675-0002-10     | 2   | Wheel Stud Kit (10 Wheel Studs Per Kit)                          |
|     | 675-0002-10-1   | 20  | Wheel Stud                                                       |
| 9   | 675-0010-5      | 2   | Drum                                                             |
| 10  | 775-0002-1-33   | 2   | Brake Shoe Kit Contains Brake Shoes, Springs, Extender & Bushing |
| 11  | 75-4505-1-3-K   | 2   | Spring Kit Contains Brake Springs, Shoe Springs & Extender       |
| 12  | 775-0002-1-34   | 2   | Lining Kit                                                       |
| 13  | 675-0001-11     | 1   | Roll Brake Kit                                                   |
| 14  | 75-4505-1-4     | 1   | Right Cam Shaft                                                  |
|     | 75-4505-1-5     | 1   | Left Cam Shaft                                                   |
| 15  | 75-4505-1-CAM-K | 1   | Camshaft Kit (Does Not Include Cams)                             |
|     | 75-4505-1-6     | 4   | Washer                                                           |
|     | 75-4505-1-7     | 4   | Grease Seal                                                      |
|     | 75-4505-1-8     | 2   | Bushing                                                          |
|     | 75-4500-1-3-21  | 2   | Snap Ring                                                        |
|     | 75-4505-1-14    | 2   | Rubber Cap                                                       |
|     | 75-4505-1-17    | 2   | Grease Zerk                                                      |
| 16  | 775-0002-1-35   | 2   | Protection Plate Kit                                             |

# STEERABLE AXLE

Front

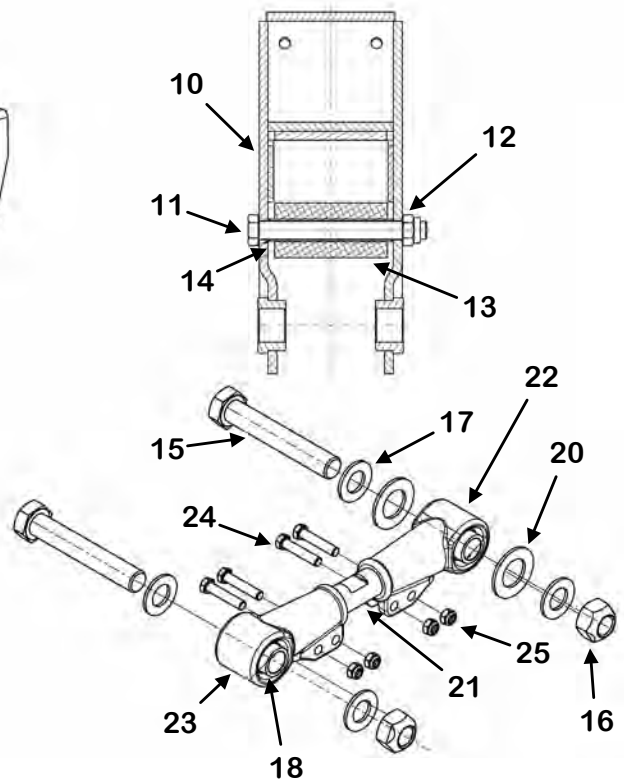
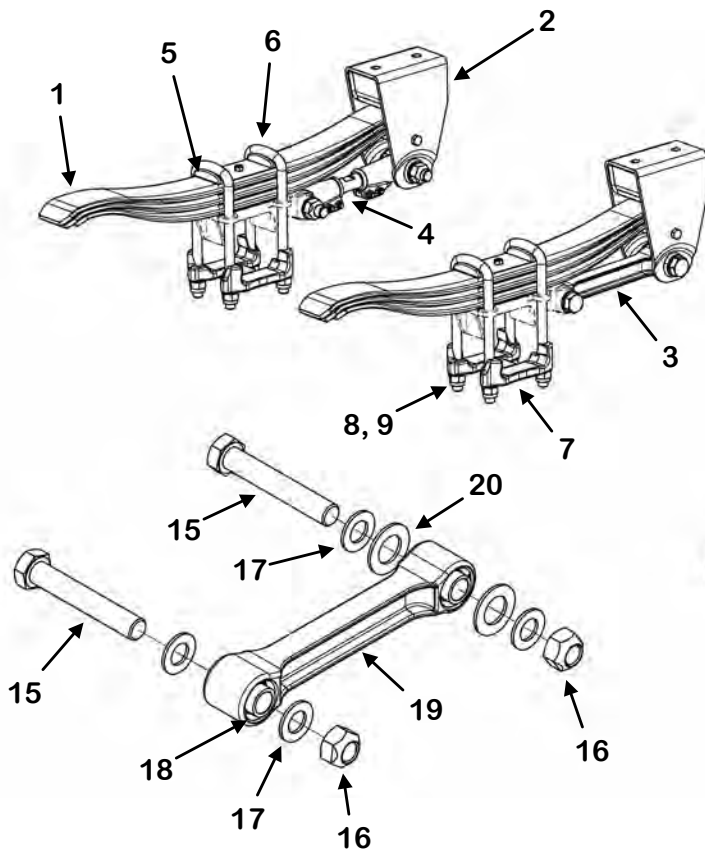


Rear

675-0011

| KEY | PART NUMBER     | QTY | DESCRIPTION                                                   |
|-----|-----------------|-----|---------------------------------------------------------------|
| 0   | 675-0011        | AR  | Steerable Axle Assembly                                       |
| 1   | 675-0010-1      | 2   | Cap Kit                                                       |
| 2   | 75-4500-1-3-38  | 1   | Shock Absorber                                                |
| 3   | 675-0002-14     | 1   | Shock Support Kit                                             |
| 4   | 675-0002-6      | 2   | Spindle Nut Kit                                               |
| 5   | 675-0010-2      | 2   | Wheel Bearing Kit                                             |
| 6   | 675-0010-3      | 2   | Race & Seal Kit                                               |
| 7   | 675-0010-4      | 2   | Hub Casting                                                   |
| 8   | 675-0002-10     | 2   | Wheel Stud Kit                                                |
|     | 675-0002-10-1   | 20  | Wheel Stud                                                    |
| 9   | 675-0010-5      | 2   | Drum                                                          |
| 10  | 775-0002-1-33   | 2   | Brake Shoe Kit With Brake Shoes, Springs, Extenders & Bushing |
| 11  | 75-4505-1-3-K   | 1   | Spring Kit Includes Brake Springs, Shoe Springs & Extenders   |
|     | 75-4505-1-2     | 2   | Spring Extender                                               |
|     | 75-4505-1-3     | 4   | Brake Spring                                                  |
|     | 75-4505-1-18    | 4   | Brake Shoe Spring                                             |
| 12  | 675-0001-11     | 2   | Roll Brake Kit                                                |
| 13  | 675-0011-1      | 1   | Right Cam Shaft                                               |
|     | 675-0011-2      | 1   | Left Cam Shaft                                                |
| 14  | 75-4505-1-CAM-K | 1   | Camshaft Kit (Does Not Include Cams)                          |
|     | 75-4505-1-6     | 4   | Washer                                                        |
|     | 75-4505-1-7     | 4   | Grease Seal                                                   |
|     | 75-4505-1-8     | 2   | Bushing                                                       |
|     | 75-4505-1-3-21  | 2   | Snap Ring                                                     |
|     | 75-4505-1-14    | 2   | Rubber Cap                                                    |
|     | 75-4505-1-17    | 2   | Grease Zerk                                                   |
| 15  | 675-0002-3-1    | 2   | Bushing Kit                                                   |
| 16  | 675-0002-4      | 2   | Pin & Cap Kit                                                 |
| 17  | 75-4500-1-2-4   | 1   | Stop Kit (Includes 4 Stop Bolts)                              |
| 18  | 75-4505-1-38    | 2   | Axial Ball Joint                                              |
| 19  | 675-0002-13     | 2   | Steering Joint Kit                                            |
| 20  | 75-4505-1-42    | 1   | Hydraulic Cylinder                                            |
| 21  | 75-4500-1-1-2   | AR  | Lug Nut                                                       |
| 22  | 775-0002-1-34   | 1   | Lining Spare Parts Kit                                        |
| 23  | 675-0011-3      | 2   | Protection Spare Parts Kit                                    |
| 24  | 675-0010-6      | 1   | Slack Adjuster Spare Parts                                    |

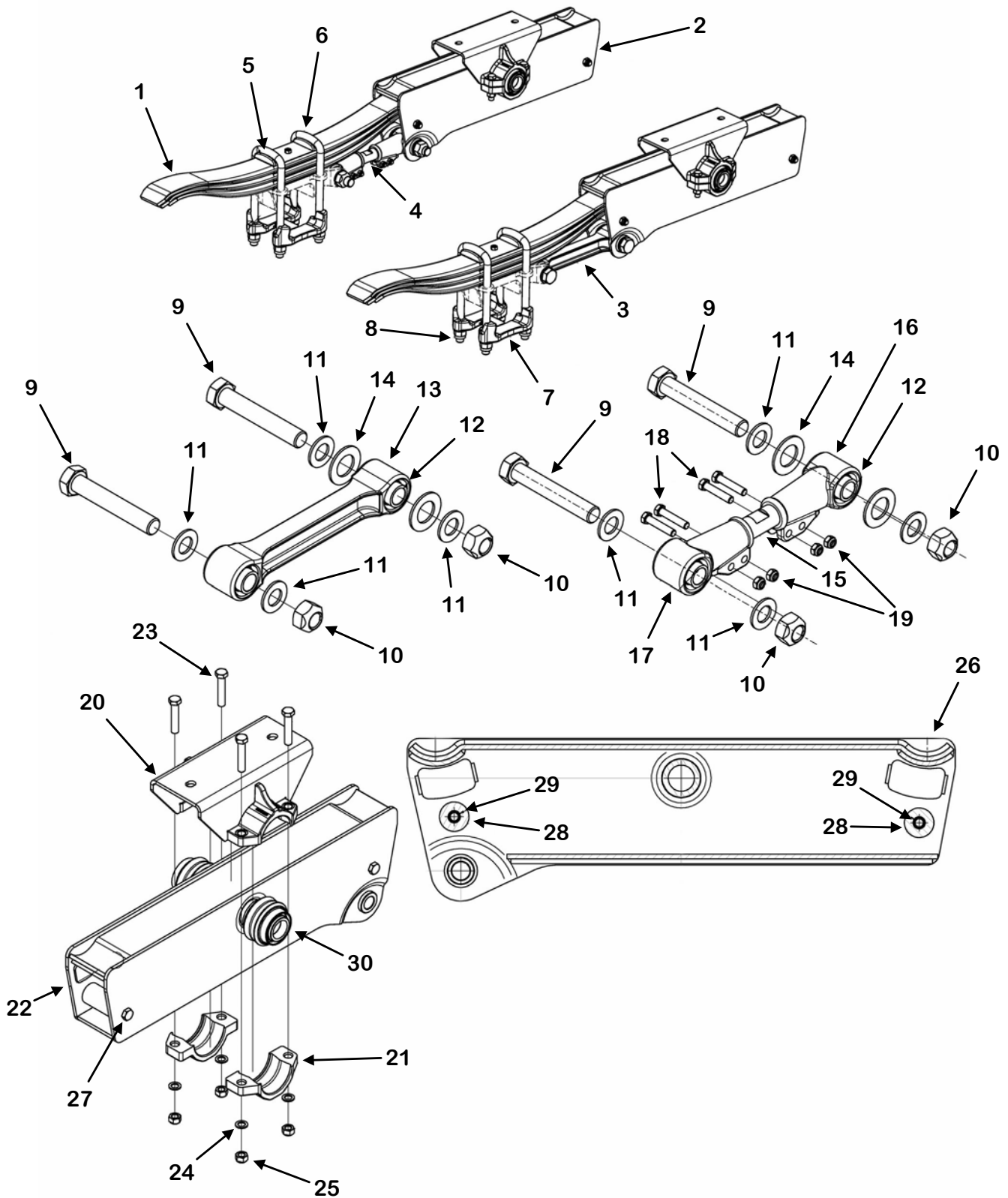
# FRONT SUSPENSION



675-0012

| KEY | PART NUMBER    | QTY | DESCRIPTION               |
|-----|----------------|-----|---------------------------|
| 0   | 675-0012       | 1   | Front Suspension Assembly |
| 1   | 675-0012-1     | 2   | Spring                    |
| 2   | 675-0012-2     | 2   | Front Support             |
| 3   | 675-0012-3     | 1   | Fixed Rod                 |
| 4   | 675-0012-4     | 1   | Adjustable Rod            |
| 5   | 75-4500-1-5-11 | 2   | U-Bolt Seat               |
| 6   | 675-0012-5     | 4   | U-Bolt                    |
| 7   | 675-0012-6     | 2   | Clamp For U-Bolt          |
| 8   | 675-0012-7     | 8   | Washer                    |
| 9   | 675-0012-8     | 8   | Nut                       |
| 10  | 675-0012-9     | 2   | Front Hand                |
| 11  | 75-4515-3-4    | 2   | Screw                     |
| 12  | 75-4505-3-8    | 2   | Self Locking Nut          |
| 13  | 675-0012-10    | 2   | Spacer                    |
| 14  | 675-0012-11    | 2   | Spacer                    |
| 15  | 675-0012-12    | 4   | Screw                     |
| 16  | 675-0012-13    | 4   | Self Locking Nut          |
| 17  | 675-0012-14    | 8   | Washer                    |
| 18  | 675-0012-15    | 4   | Silent Block              |
| 19  | 675-0012-16    | 1   | Fixed Rod                 |
| 20  | 675-0012-17    | 4   | Shim                      |
| 21  | 675-0012-18    | 1   | Threaded Rod              |
| 22  | 675-0012-19    | 1   | Head Adjust Rod           |
| 23  | 675-0012-20    | 1   | Head Adjust Rod           |
| 24  | 675-0012-21    | 4   | Screw                     |
| 25  | 75-4505-1-46   | 4   | Self Locking Nut          |

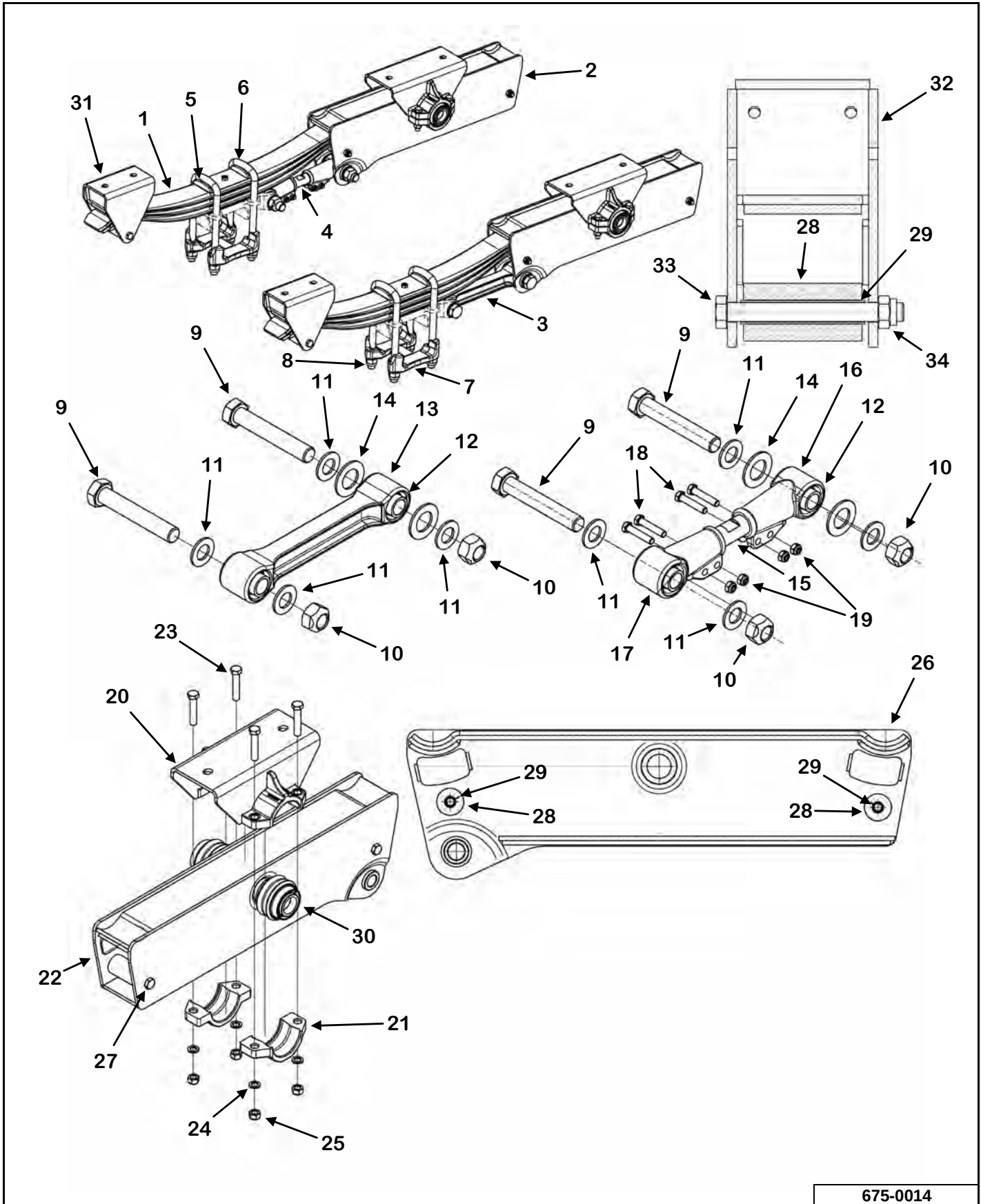
# CENTER SUSPENSION



675-0013

| KEY | PART NUMBER    | QTY | DESCRIPTION                |
|-----|----------------|-----|----------------------------|
| 0   | 675-0013       | 1   | Center Suspension Assembly |
| 1   | 675-0012-1     | 2   | Spring                     |
| 2   | 675-0013-3     | 2   | Rocker                     |
| 3   | 675-0012-3     | 1   | Fixed Rod                  |
| 4   | 675-0012-4     | 1   | Adjustable Rod             |
| 5   | 75-4500-1-5-11 | 2   | U-Bolt Seat                |
| 6   | 675-0012-5     | 4   | U-Bolt                     |
| 7   | 675-0012-6     | 2   | Clamp For U-Bolt           |
| 8   | 675-0012-7     | 8   | Washer                     |
|     | 675-0012-8     | 8   | Nut                        |
| 9   | 675-0012-12    | 4   | Screw                      |
| 10  | 675-0012-13    | 4   | Self Locking Nut           |
| 11  | 675-0012-14    | 8   | Washer                     |
| 12  | 675-0012-15    | 4   | Silent Block               |
| 13  | 675-0012-16    | 1   | Fixed Rod                  |
| 14  | 675-0012-17    | 4   | Shim                       |
| 15  | 675-0012-18    | 1   | Threaded Rod               |
| 16  | 675-0012-19    | 1   | Head Adjust Rod            |
| 17  | 675-0012-20    | 1   | Head Adjust Rod            |
| 18  | 675-0012-21    | 4   | Screw                      |
| 19  | 75-4505-1-46   | 4   | Self Locking Nut           |
| 20  | 675-0013-4     | 2   | Central Hand               |
| 21  | 675-0013-5     | 4   | Plate Fixing               |
| 22  | 675-0013-6     | 2   | Compensator                |
| 23  | 675-0013-7     | 8   | Screw                      |
| 24  | 675-0013-8     | 8   | Washer                     |
| 25  | 675-0013-9     | 8   | Self Locking Nut           |
| 26  | 675-0013-11    | 2   | Compensator                |
| 27  | 75-4505-3-8    | 4   | Self Locking Nut           |
|     | 675-0013-12    | 4   | Screw                      |
| 28  | 675-0012-10    | 4   | Spacer                     |
| 29  | 675-0012-11    | 4   | Spacer                     |
| 30  | 675-0013-13    | 4   | Silent Block               |

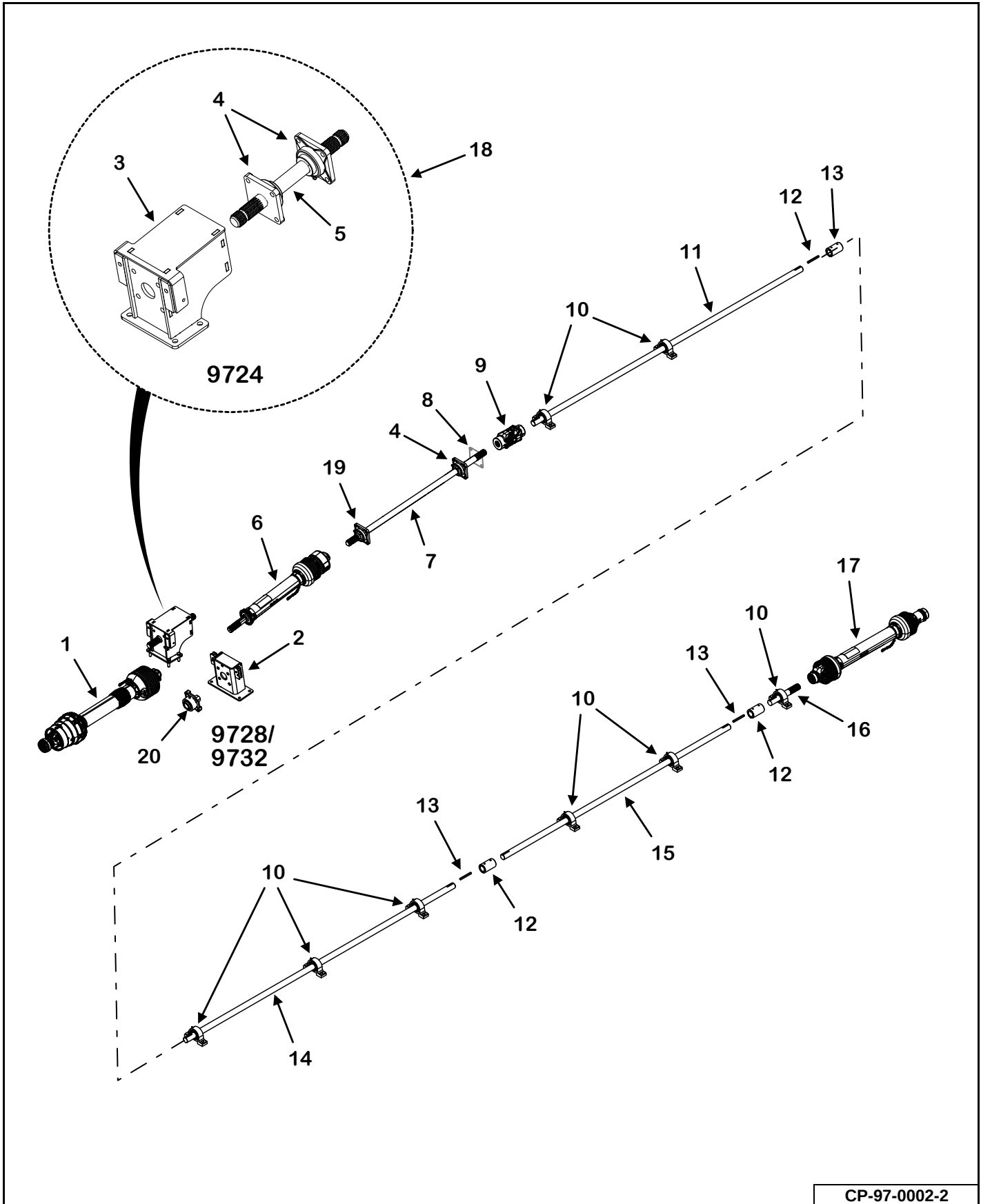
# REAR SUSPENSION



675-0014

| KEY | PART NUMBER    | QTY | DESCRIPTION              |
|-----|----------------|-----|--------------------------|
| 0   | 675-0014       | 1   | Rear Suspension Assembly |
| 1   | 675-0012-1     | 2   | Spring                   |
| 2   | 675-0013-3     | 2   | Rocker                   |
| 3   | 675-0012-3     | 1   | Fixed Rod                |
| 4   | 675-0012-4     | 1   | Adjustable Rod           |
| 5   | 75-4500-1-5-11 | 2   | U-Bolt Seat              |
| 6   | 675-0012-5     | 4   | U-Bolt                   |
| 7   | 675-0012-6     | 2   | Clamp For U-Bolt         |
| 8   | 675-0012-7     | 8   | Washer                   |
|     | 675-0012-8     | 8   | Nut                      |
| 9   | 675-0012-12    | 4   | Screw                    |
| 10  | 675-0012-13    | 4   | Self Locking Nut         |
| 11  | 675-0012-14    | 8   | Washer                   |
| 12  | 675-0012-15    | 4   | Silent Block             |
| 13  | 675-0012-16    | 1   | Fixed Rod                |
| 14  | 675-0012-17    | 4   | Shim                     |
| 15  | 675-0012-18    | 1   | Threaded Rod             |
| 16  | 675-0012-19    | 1   | Head Adjust Rod          |
| 17  | 675-0012-20    | 1   | Head Adjust Rod          |
| 18  | 675-0012-21    | 4   | Screw                    |
| 19  | 75-4505-1-46   | 4   | Self Locking Nut         |
| 20  | 675-0013-4     | 2   | Central Hand             |
| 21  | 675-0013-5     | 4   | Plate Fixing             |
| 22  | 675-0013-6     | 2   | Compensator              |
| 23  | 675-0013-7     | 8   | Screw                    |
| 24  | 675-0013-8     | 8   | Washer                   |
| 25  | 675-0013-9     | 8   | Self Locking Nut         |
| 26  | 675-0013-11    | 2   | Compensator              |
| 27  | 75-4505-3-8    | 4   | Self Locking Nut         |
|     | 675-0013-12    | 4   | Screw                    |
| 28  | 675-0012-10    | 6   | Spacer                   |
| 29  | 675-0012-11    | 6   | Spacer                   |
| 30  | 675-0013-13    | 4   | Silent Block             |
| 31  | 675-0014-2     | 2   | Rear Support             |
| 32  | 675-0014-1     | 2   | Rear Hand                |
| 33  | 75-4515-3-4    | 2   | Screw                    |
| 34  | 75-4505-3-8    | 2   | Self Locking Nut         |

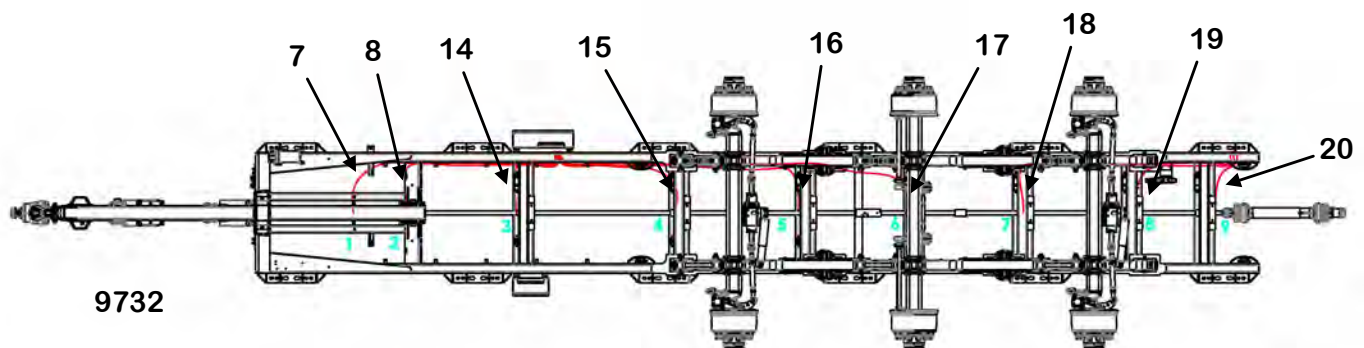
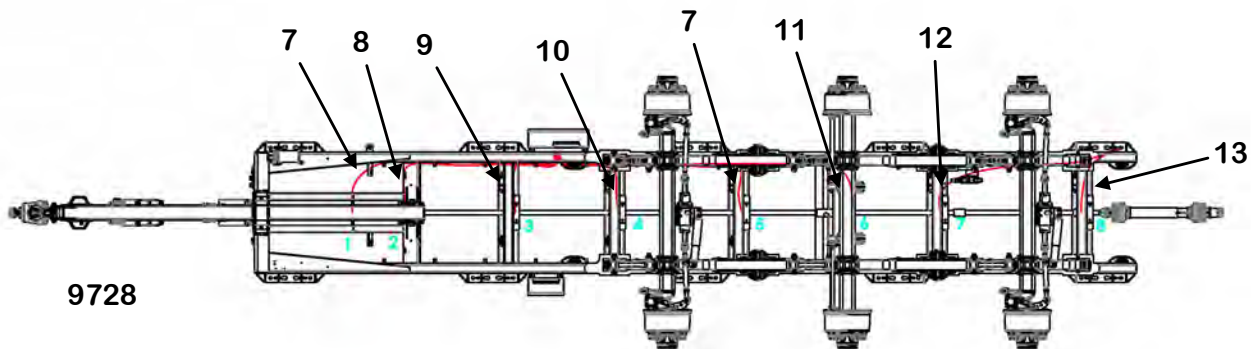
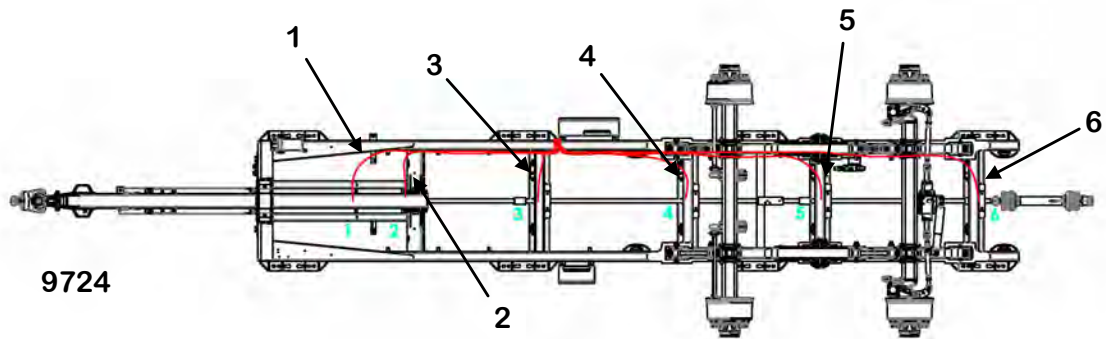
# ATTACHMENT DRIVELINE



CP-97-0002-2

| KEY | PART NUMBER         | QTY | DESCRIPTION                                                                    | MODEL      |
|-----|---------------------|-----|--------------------------------------------------------------------------------|------------|
| 1   | See Page 98         | 1   | 9724 Primary PTO                                                               | 9724       |
|     | See Page 100        | 1   | 9728 / 9732 Primary PTO                                                        | 9728/9732  |
| 2   | Call 1-800-325-9103 | 1   | Front PTO Shaft Bracket Update Kit (Tridem Trailer)<br>(Prior to SN 25SSTS204) | 9728/9732  |
|     | 675-1069            | 1   | Front PTO Shaft Bracket Assembly (Tridem Trailer)<br>(SN 25SSTS204 & Later)    | 9728/9732  |
|     | 675-1069            | 1   | Front PTO Shaft Bracket Assembly (Quad Trailer)                                | 9732       |
| 3   | 675-1050            | 1   | Jack Shaft Bearing Mount Weldment                                              | 9724       |
| 4   | 914-3819            | 3   | 1-3/4" 4-Bolt Flange Bearing                                                   | 9724       |
|     | 914-3819            | 1   | 1-3/4" 4-Bolt Flange Bearing                                                   | 9728/9732  |
| 5   | 623-0049            | 1   | Splined Input Shaft                                                            | 9724       |
| 6   | See Page 103        | 1   | 9724 Secondary PTO                                                             | 9724       |
|     | See Page 104        | 1   | 9728 / 9732 Secondary PTO                                                      | 9728/9732  |
| 7   | 123-1.75-0007       | 1   | 1-3/4" x 58" PTO Drive Shaft                                                   | All Models |
| 8   | 649-0086            | 1   | Bearing Trash Guard                                                            | All Models |
| 9   | See Page 109        | 1   | Driveline U-Joint                                                              | All Models |
| 10  | 614-0001            | 5   | 1-3/4" Pillow Block Bearing                                                    | 9724       |
|     | 614-0001            | 7   | 1-3/4" Pillow Block Bearing                                                    | 9728       |
|     | 614-0001            | 8   | 1-3/4" Pillow Block Bearing                                                    | 9732       |
| 11  | 623-0005            | 1   | Front Drive Shaft Extension                                                    | 9724       |
|     | 623-0036            | 1   | Main Drive Shaft                                                               | 9728/9732  |
| 12  | 35-0022             | 3   | 3/8" x 3/8" x 4-1/2" Key                                                       | All Models |
| 13  | 937-0005-OS         | 3   | 1-3/4" x 4-1/2" Coupler                                                        | All Models |
| 14  | 623-0036            | 1   | 1-3/4" x 112-3/4" Main Drive Shaft                                             | All Models |
| 15  | 623-0047            | 1   | 1-3/4" x 65-5/8" Main Drive Shaft                                              | 9724       |
|     | 623-0048            | 1   | 1-3/4" x 47-1/8" Main Drive Shaft                                              | 9728       |
|     | 623-0043            | 1   | 1-3/4" x 95-1/8" Main Drive Shaft                                              | 9732       |
| 16  | 623-0003            | 1   | 1-3/4" x 12" Rear Adapter Shaft                                                | All Models |
| 17  | See Page 136        | 1   | 9724 Attachment PTO                                                            | 9724       |
|     | See Page 138        | 1   | 9728 / 9732 Attachment PTO                                                     | 9728/9732  |
| 18  | 675-1051            | 1   | Jack Shaft Bearing Mount Assembly                                              | 9724       |
| 19  | 914-3819            | 1   | 1-3/4" 4-Bolt Flange Bearing                                                   | 9724       |
|     | 914-3846            | 1   | 1-3/4" 4-Bolt Flange Bearing                                                   | 9728/9732  |
| 20  | 914-3846            | 1   | 1-3/4" 4-Bolt Flange Bearing                                                   | 9728/9732  |

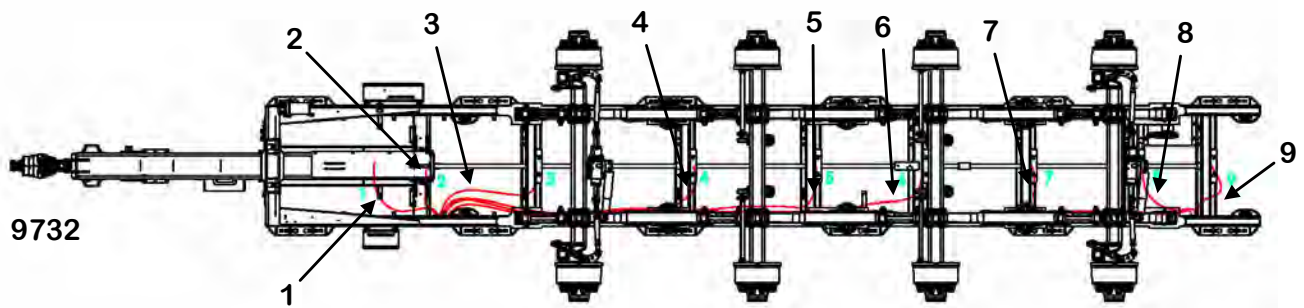
# TANDEM & TRIDEM TRAILER ATTACHMENT DRIVELINE GREASE HOSES



CP-97-0027-1

| KEY | PART NUMBER  | QTY | DESCRIPTION               | MODEL     |
|-----|--------------|-----|---------------------------|-----------|
| 1   | 155-02-125-1 | 1   | 125" Grease Hose Assembly | 9724      |
| 2   | 155-02-101-1 | 1   | 101" Grease Hose Assembly | 9724      |
| 3   | 155-02-54-1  | 1   | 54" Grease Hose Assembly  | 9724      |
| 4   | 155-02-59-1  | 1   | 59" Grease Hose Assembly  | 9724      |
| 5   | 155-02-108-1 | 1   | 108" Grease Hose Assembly | 9724      |
| 6   | 155-02-168-1 | 1   | 168" Grease Hose Assembly | 9724      |
| 7   | 155-02-102-1 | 3   | 102" Grease Hose Assembly | 9728/9732 |
| 8   | 155-02-83-1  | 2   | 83" Grease Hose Assembly  | 9728/9732 |
| 9   | 155-02-36-1  | 1   | 36" Grease Hose Assembly  | 9728      |
| 10  | 155-02-49-1  | 1   | 49" Grease Hose Assembly  | 9728      |
| 11  | 155-02-136-1 | 1   | 136" Grease Hose Assembly | 9728      |
| 12  | 155-02-94-2  | 1   | 94" Grease Hose Assembly  | 9728      |
| 13  | 155-02-33-1  | 1   | 33" Grease Hose Assembly  | 9728      |
| 14  | 155-02-26-1  | 1   | 26" Grease Hose Assembly  | 9732      |
| 15  | 155-02-78-1  | 1   | 78" Grease Hose Assembly  | 9732      |
| 16  | 155-02-120-1 | 1   | 120" Grease Hose Assembly | 9732      |
| 17  | 155-02-160-1 | 1   | 160" Grease Hose Assembly | 9732      |
| 18  | 155-02-81-1  | 1   | 81" Grease Hose Assembly  | 9732      |
| 19  | 155-02-41-1  | 1   | 41" Grease Hose Assembly  | 9732      |
| 20  | 155-02-29-1  | 1   | 29" Grease Hose Assembly  | 9732      |

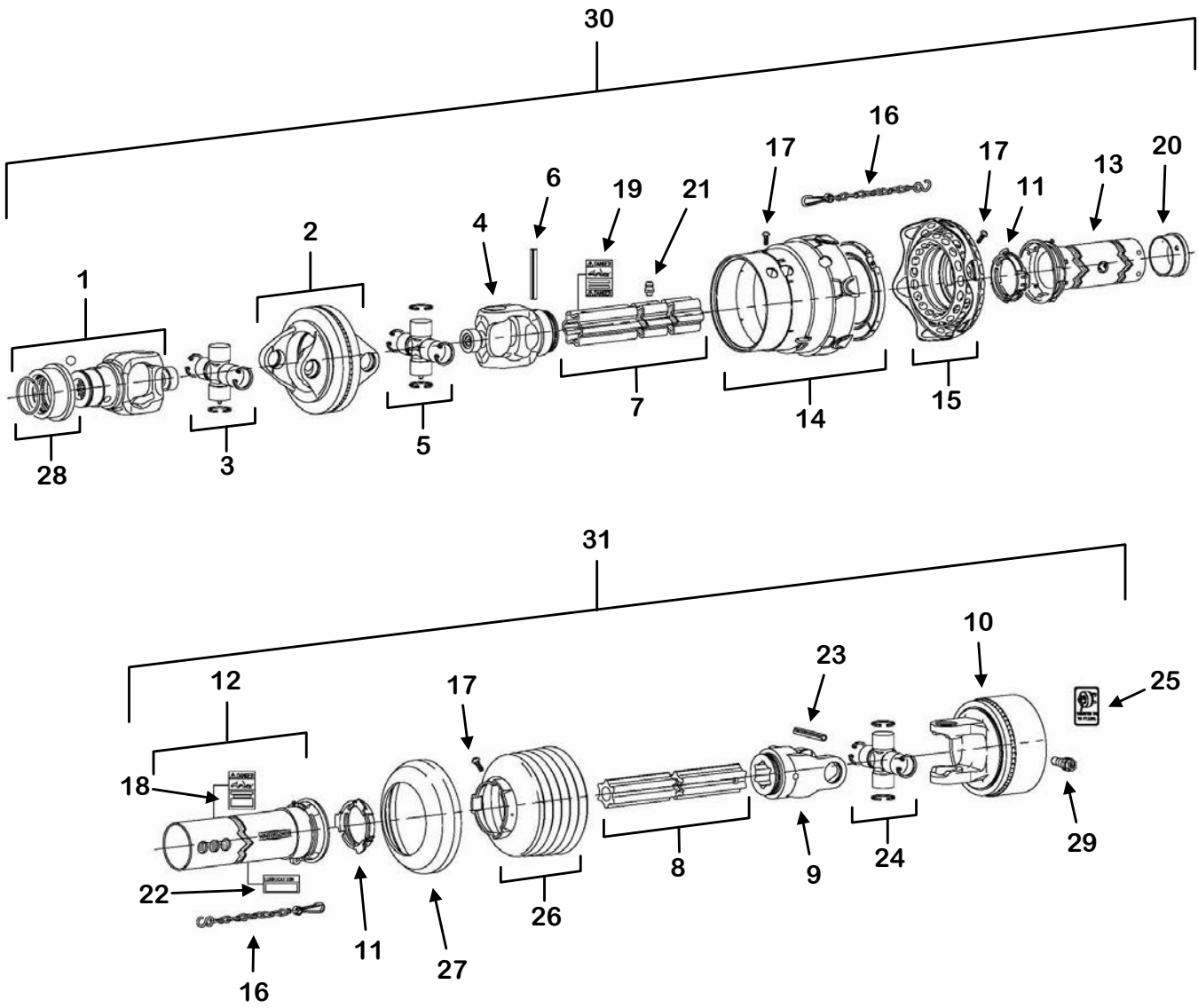
## QUAD TRAILER ATTACHMENT DRIVELINE GREASE HOSES



CP-97-0031-1

| KEY | PART NUMBER  | QTY | DESCRIPTION                     |
|-----|--------------|-----|---------------------------------|
| 1   | 155-02-52-1  | 1   | 1/8" x 52" Grease Hose          |
|     | 155-2GK-NUT  | 1   | Grease Nut                      |
|     | 30-0001      | 1   | 1/4"-28 Straight Grease Fitting |
| 2   | 155-02-31-1  | 1   | 1/8" x 31" Grease Hose          |
|     | 155-2GK-NUT  | 1   | Grease Nut                      |
|     | 30-0001      | 1   | 1/4"-28 Straight Grease Fitting |
| 3   | 155-02-69-1  | 1   | 1/8" x 69" Grease Hose          |
|     | 155-2GK-NUT  | 1   | Grease Nut                      |
|     | 30-0001      | 1   | 1/4"-28 Straight Grease Fitting |
| 4   | 155-02-127-1 | 1   | 1/8" x 127" Grease Hose         |
|     | 155-2GK-NUT  | 1   | Grease Nut                      |
|     | 30-0001      | 1   | 1/4"-28 Straight Grease Fitting |
| 5   | 155-02-168-1 | 1   | 1/8" x 168" Grease Hose         |
|     | 155-2GK-NUT  | 1   | Grease Nut                      |
|     | 30-0001      | 1   | 1/4"-28 Straight Grease Fitting |
| 6   | 155-02-208-1 | 1   | 1/8" x 208" Grease Hose         |
|     | 155-2GK-NUT  | 1   | Grease Nut                      |
|     | 30-0001      | 1   | 1/4"-28 Straight Grease Fitting |
| 7   | 155-02-83-1  | 1   | 1/8" x 83" Grease Hose          |
|     | 155-2GK-NUT  | 1   | Grease Nut                      |
|     | 30-0001      | 1   | 1/4"-28 Straight Grease Fitting |
| 8   | 155-02-44-1  | 1   | 1/8" x 44" Grease Hose          |
|     | 155-2GK-NUT  | 1   | Grease Nut                      |
|     | 30-0001      | 1   | 1/4"-28 Straight Grease Fitting |
| 9   | 155-02-29-1  | 1   | 1/8" x 29" Grease Hose          |
|     | 155-2GK-NUT  | 1   | Grease Nut                      |
|     | 30-0001      | 1   | 1/4"-28 Straight Grease Fitting |

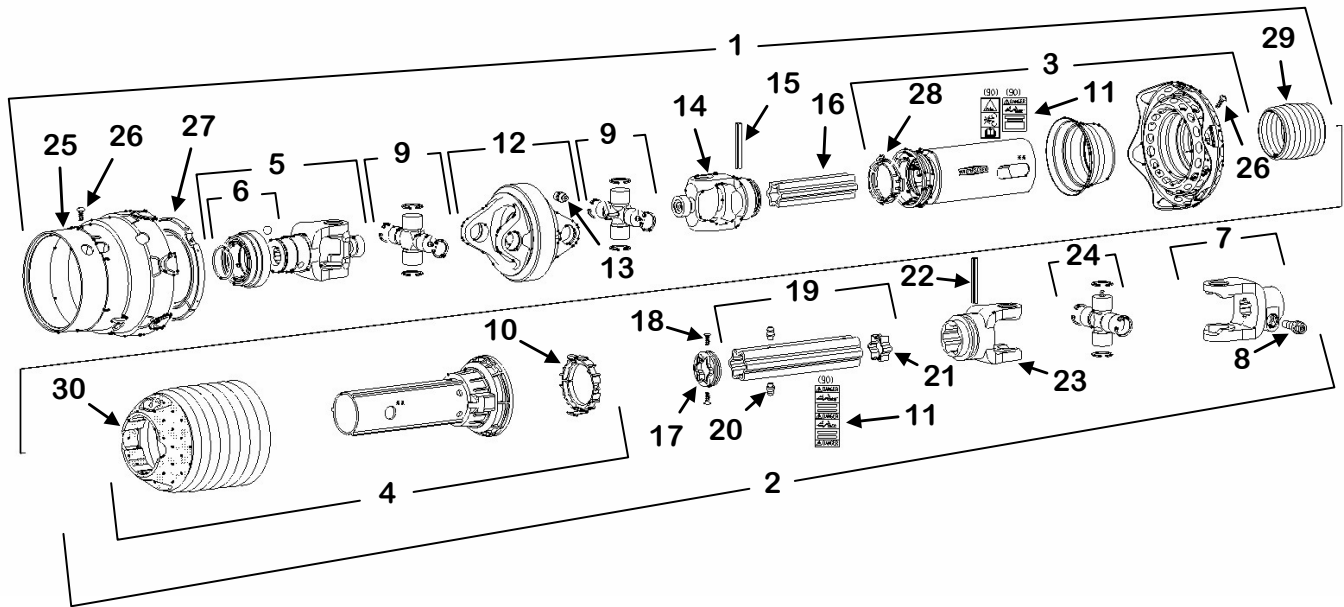
# 9724 PRIMARY PTO DRIVE SHAFT



618-0202

| KEY | PART NUMBER    | QTY | DESCRIPTION                  |
|-----|----------------|-----|------------------------------|
| 0   | 618-0202       | 1   | Complete PTO                 |
| 1   | 618-0202-1-1   | 1   | Yoke 1-3/4" 20 Spline        |
| 2   | 618-0202-1-2   | 1   | Double Yoke                  |
| 3   | 618-0202-1-3   | 1   | Cross & Bearing Kit          |
| 4   | 618-0202-1-4   | 1   | Inboard Yoke S5              |
| 5   | 618-0202-1-5   | 1   | Cross & Bearing Kit          |
| 6   | 918-0308-1-5   | 1   | Spring Pin, 10 x 75          |
| 7   | 618-0202-1-6   | 1   | Outer Profile S5GL           |
| 8   | 618-0202-2-1   | 1   | Inner Profile S4GA           |
| 9   | 618-0202-2-2   | 1   | Inboard Yoke S4              |
| 10  | See Page 106   | 1   | Cut-Out Clutch               |
| 11  | 918-0208-2-4   | 2   | Bearing Ring SC25            |
| 12  | 618-0202-2-4   | 1   | Guard Tube Outer             |
| 13  | 618-0202-1-7   | 1   | Guard Tube Inner             |
| 14  | 618-0202-1-11  | 1   | CV Guard & Bearing Assembly  |
| 15  | 918-0212-1-5   | 1   | Flex Net & Guard Assembly    |
| 16  | 918-0208-2-7   | 2   | Restraint Chain              |
| 17  | 918-0208-2-9   | 2   | Screw (In Items 14 & 15)     |
| 18  | 918-0208-2-8   | 1   | Decal Outer (In Item 12)     |
| 19  | 918-0208-1-10  | 1   | Decal Inner (In Item 7)      |
| 20  | 618-0202-1-10  | 1   | Support Bearing              |
| 21  | 918-0208-1-12  | 1   | Zerk (In Item 7)             |
| 22  | 618-0202-2-9   | 1   | Lubrication Decal            |
| 23  | 618-0202-2-5   | 1   | Spring Pin, 10 x 90          |
| 24  | 618-0202-2-6   | 1   | Cross & Bearing Kit          |
| 25  | 918-0208-2-10  | 1   | Decal                        |
| 26  | 618-0202-2-7   | 1   | Guard Cone 6 Rib             |
| 27  | 618-0202-2-8   | 1   | Reinforcing Collar           |
| 28  | 918-0210-1-1-1 | 1   | ASG Collar Kit (In Item 1)   |
| 29  | 918-0410-2-1-1 | 1   | Clamp Cone Lock (In Item 10) |
| 30  | 618-0202-1     | 1   | PTO Tractor Half             |
| 31  | 618-0202-2     | 1   | PTO Implement Half           |

# 9728 / 9732 PRIMARY PTO DRIVE SHAFT

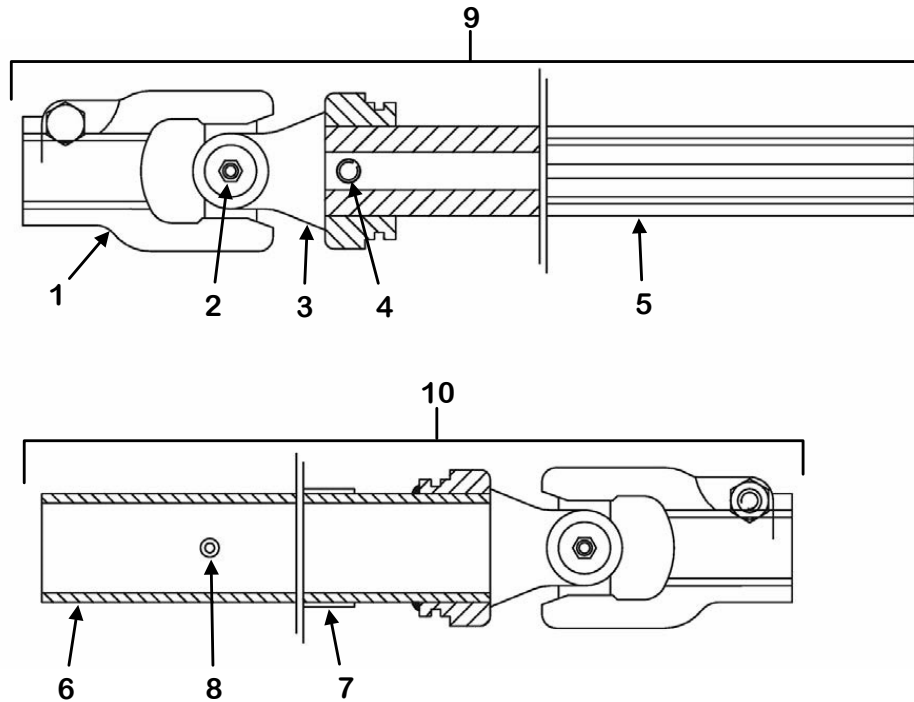


118-VM-0001-2600

| KEY | PART NUMBER        | QTY | DESCRIPTION                           |
|-----|--------------------|-----|---------------------------------------|
| 0   | 118-VM-0001-2600   | 1   | 1-3/4"-20 Spline PTO Complete         |
| 1   | 118-VM-0001-2600-1 | 1   | Tractor PTO Half                      |
| 2   | 118-VM-0001-2600-2 | 1   | Implement PTO Half                    |
| 3   | 118-2600-1         | 1   | Outer Guard Half                      |
| 4   | 118-2600-2         | 1   | Inner Guard Half                      |
| 5   | 118-2600-3         | 1   | Yoke                                  |
| 6   | 118-2600-4         | 1   | Lock                                  |
| 7   | 118-2600-5         | 1   | Yoke With Lock                        |
| 8   | 918-0410-2-1-1     | 1   | Clamping Cone                         |
| 9   | 118-2600-6         | 2   | Cross & Bearing Kit Complete          |
|     | 118-2600-7         | 2   | Zerk                                  |
|     | 118-2600-8         | 2   | Hose                                  |
| 10  | 118-2600-23        | 1   | Bearing Ring                          |
| 11  | 118-2600-24        | 1   | Instruction Manual With Set Of Decals |
| 12  | 118-2600-9         | 1   | Double Yoke                           |
| 13  | 918-0208-1-2       | 1   | Zerk                                  |
| 14  | 118-2600-10        | 1   | Inboard Yoke                          |
| 15  | 918-0208-1-6       | 1   | Spring Type Straight Pin              |
| 16  | 118-2600-11        | 1   | Hardened Tube Profile                 |
| 17  | 118-2600-12        | 1   | Seal Ring For Outer Profile           |
| 18  | 118-2600-13        | 2   | Screw                                 |
| 19  | 118-2600-14        | 1   | Profile Tube With Zerk                |
| 20  | 918-0208-1-12      | 2   | Zerk                                  |
| 21  | 118-2600-15        | 1   | Plug                                  |
| 22  | 118-2600-16        | 1   | Spring Type Straight Pin              |
| 23  | 118-2600-17        | 1   | Inboard Yoke                          |
| 24  | 118-2600-18        | 1   | Cross & Bearing Kit Complete          |
|     | 118-2600-7         | 1   | Zerk                                  |
| 25  | 118-2600-19        | 1   | Guard Cone                            |
| 26  | 918-0208-2-9       | 9   | Screw                                 |
| 27  | 118-2600-20        | 1   | Bearing Ring                          |
| 28  | 918-0208-2-4       | 1   | Bearing Ring                          |
| 29  | 118-2600-21        | 1   | Cover                                 |
| 30  | 118-2600-22        | 1   | Guard Cone                            |



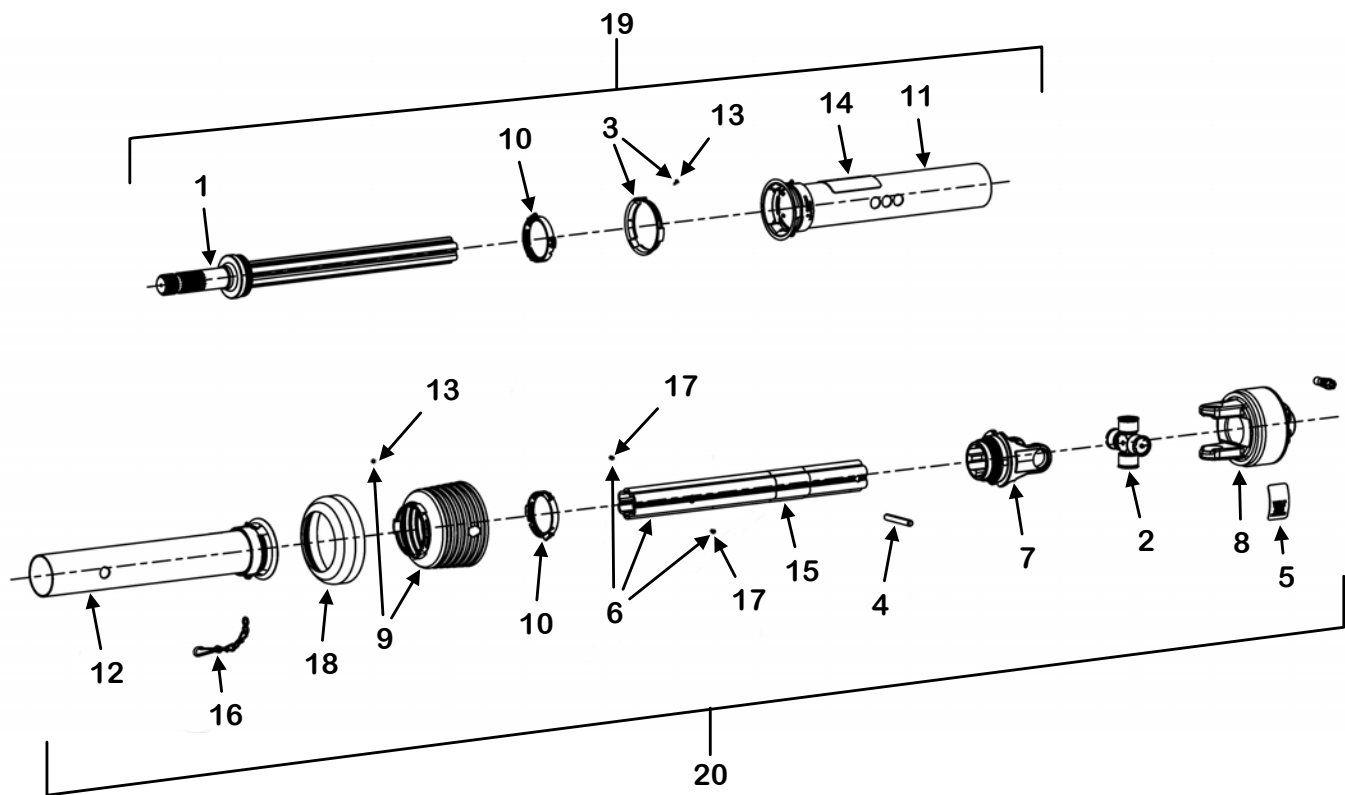
## 9724 SECONDARY PTO DRIVE SHAFT



118-VM-0027-55

| KEY | PART NUMBER      | QTY | DESCRIPTION                         |
|-----|------------------|-----|-------------------------------------|
| 0   | 118-VM-0027-55   | 1   | 1-3/4"-20 Spline PTO Complete       |
| 1   | 118-VM-0010-25-1 | 2   | Yoke AGKF                           |
| 2   | 118-VM-0010-25-2 | 2   | Cross & Bearing Kit                 |
| 3   | 618-0202-2-2     | 1   | Inboard Yoke                        |
| 4   | 618-0202-2-5     | 1   | Spring pin, 10 x 90                 |
| 5   | 118-VM-0027-55-3 | 1   | Inner Profile                       |
| 6   | 118-VM-0027-55-4 | 1   | Inboard Yoke (Includes Items 8 & 9) |
| 7   | 618-0007-6       | 1   | Decal                               |
| 8   | 918-0208-1-12    | 2   | Zerk                                |
| 9   | 118-VM-0027-55-1 | 1   | Male Half Shaft                     |
| 10  | 118-VM-0027-55-2 | 1   | Female Half Shaft                   |

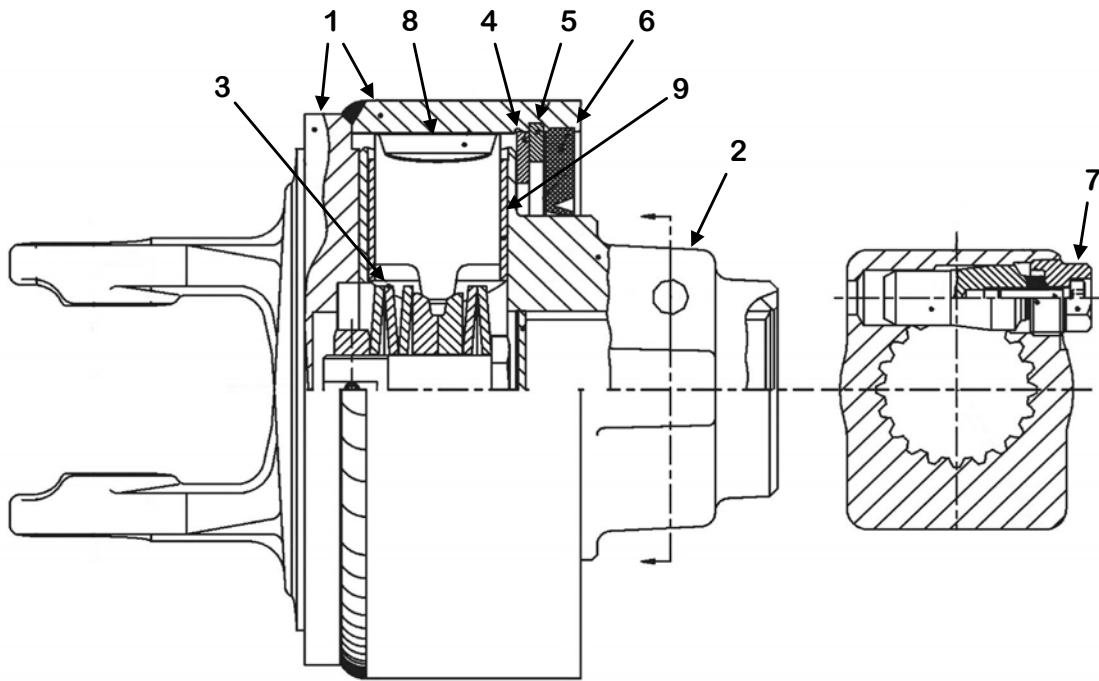
# 9728 / 9732 SECONDARY PTO DRIVE SHAFT



118-VM-0003-2600

| KEY | PART NUMBER        | QTY | DESCRIPTION                   |
|-----|--------------------|-----|-------------------------------|
| 0   | 118-VM-0003-2600   | 1   | 1-3/4"-20 Spline PTO Complete |
| 1   | 118-2600-48        | 1   | Stub Shaft                    |
| 2   | 118-2600-18        | 1   | Cross & Bearing Kit           |
| 3   | 118-2600-53        | 1   | Guard Ring                    |
| 4   | 118-2600-16        | 1   | Spring Pin                    |
| 5   | 918-0208-2-10      | 1   | Decal                         |
| 6   | 118-2600-49        | 1   | Outer Profile                 |
| 7   | 118-2600-30        | 1   | Inboard Yoke                  |
| 8   | See Page 107       | 1   | Cutout Clutch                 |
| 9   | 118-2600-45        | 1   | Guard Cone                    |
| 10  | 118-2600-33        | 2   | Bearing Ring                  |
| 11  | 118-2600-51        | 1   | Guard Tube Outer              |
| 12  | 118-2600-52        | 1   | Guard Tube Inner              |
| 13  | 918-0208-2-9       | 2   | Screw                         |
| 14  | 918-0208-2-8       | 1   | Decal Outer                   |
| 15  | 918-0208-1-10      | 1   | Decal Inner                   |
| 16  | 918-0208-2-7       | 1   | Restraint Chain               |
| 17  | 918-0208-1-12      | 2   | Zerk                          |
| 18  | 118-2600-36        | 1   | Reinforcing Collar            |
| 19  | 118-VM-0003-2600-1 | 1   | Stub Shaft Half               |
| 20  | 118-VM-0003-2600-2 | 1   | Cutout Clutch Half            |

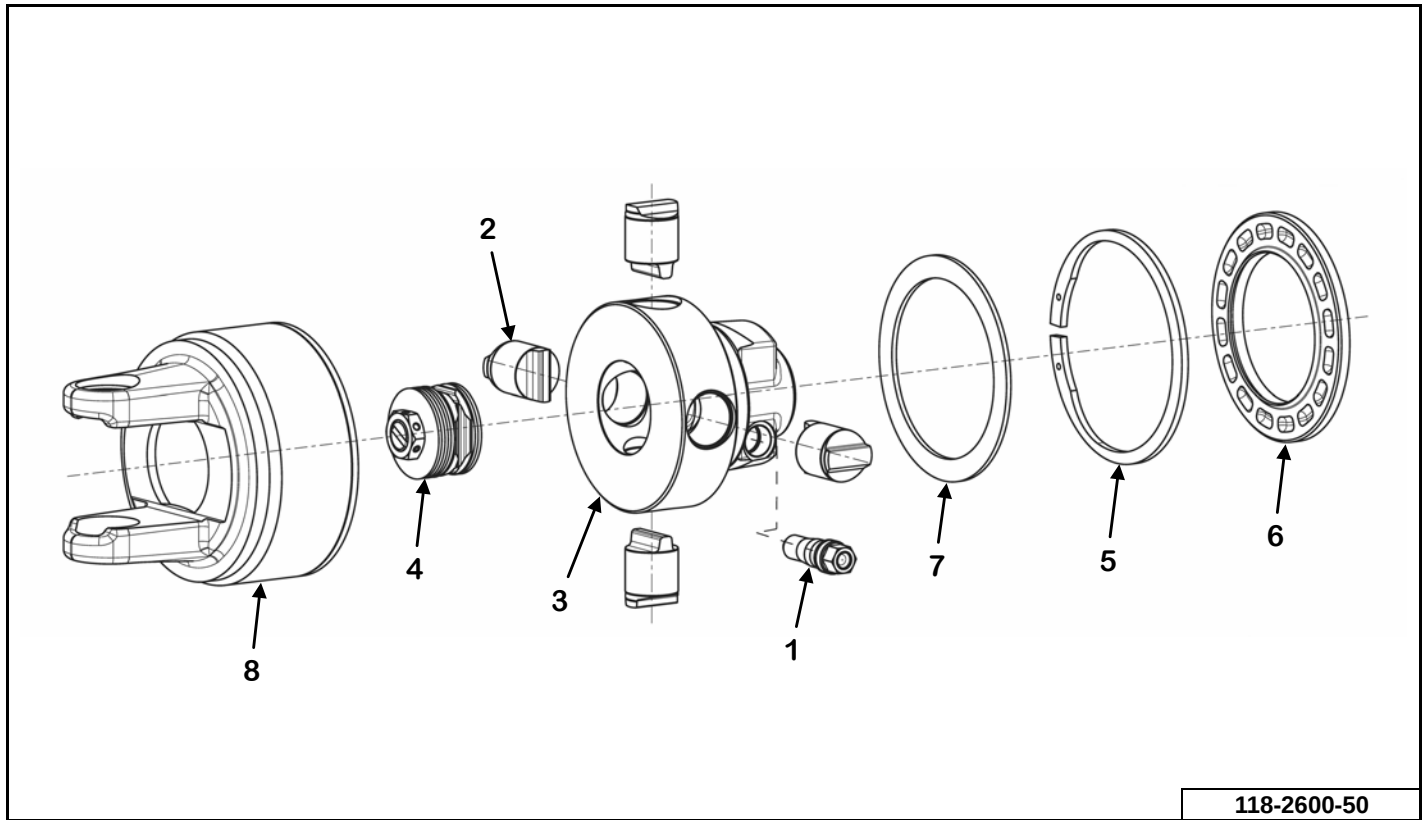
## 9724 CUTOUT CLUTCH



618-0202-2-3

| KEY | PART NUMBER     | QTY | DESCRIPTION            |
|-----|-----------------|-----|------------------------|
| 0   | 618-0202-2-3    | 1   | Cutout Clutch          |
| 1   | 618-0202-2-3-1  | 1   | Housing                |
| 2   | 618-0003-2-1    | 1   | Hub With Bushings      |
| 3   | 618-0102-2-2-1  | 1   | Spring Pack            |
| 4   | 918-0208-2-3-5  | 1   | Washer                 |
| 5   | 918-0208-2-3-6  | 1   | Retaining Ring         |
| 6   | 918-0208-2-3-7  | 1   | Sealing Ring           |
| 7   | 918-0410-2-1-1  | 1   | Clamp Cone Locking Pin |
| 8   | 918-0308-2-2-4  | 2   | Cam                    |
| 9   | 918-0312-1-1-2  | 2   | Bushing                |
| NS  | 918-0208-2-3-11 | 1   | Shim Kit               |

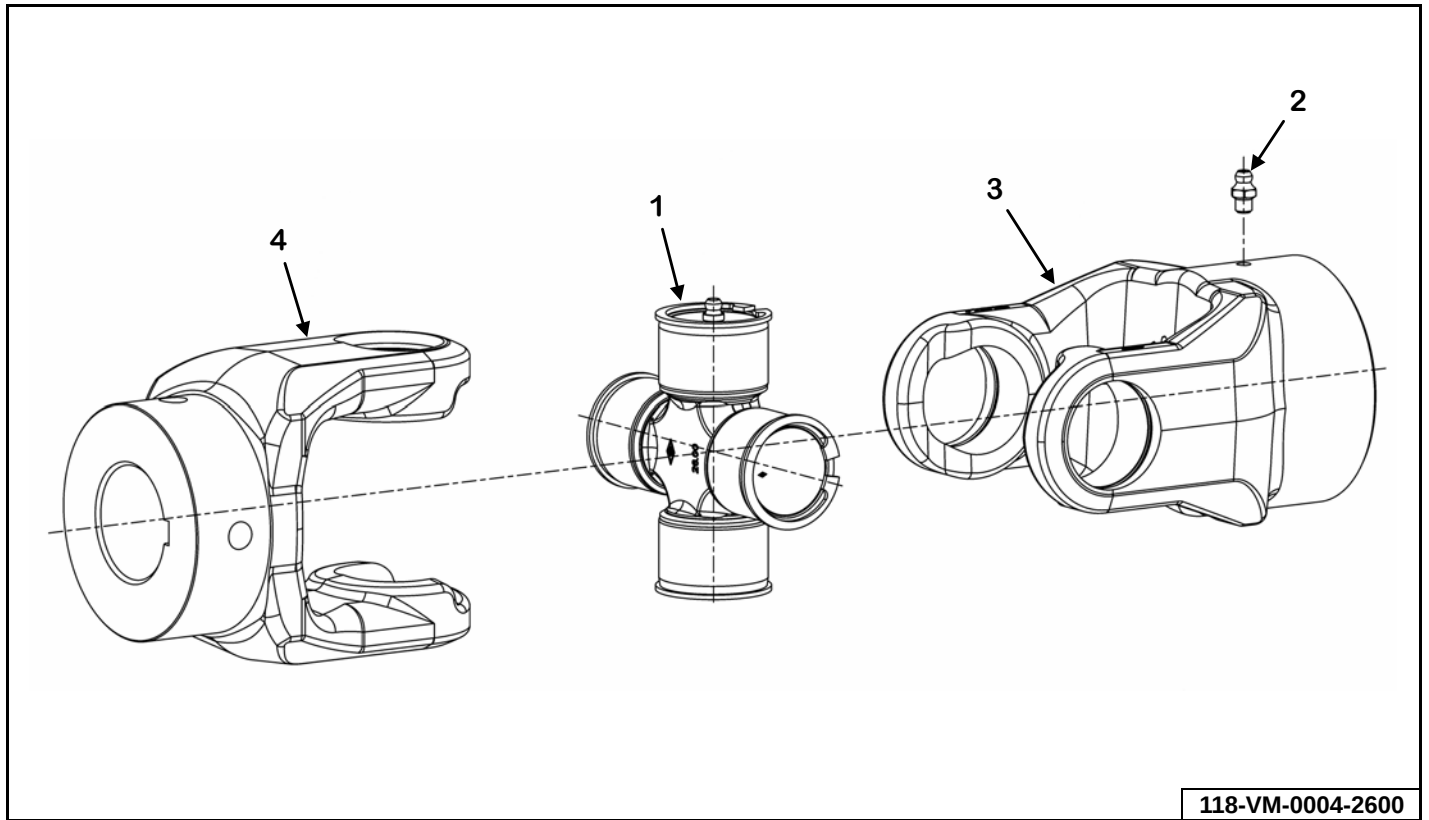
## 9728 / 9732 CUTOUT CLUTCH



| KEY | PART NUMBER        | QTY | DESCRIPTION                     |
|-----|--------------------|-----|---------------------------------|
| 0   | 118-2600-50        | 1   | Cutout Clutch Complete Assembly |
| 1   | 918-0410-2-1-1     | 1   | Clamp Cone Assembly             |
| 2   | 918-0308-2-2-4     | 4   | Cam                             |
| 3   | 118-VM-0021-55-1-1 | 1   | Hub                             |
| 4   | 118-2600-50-1      | 1   | Spring Pack                     |
| 5   | 118-2600-44-2      | 1   | Retaining Ring                  |
| 6   | 918-0208-2-3-7     | 1   | Sealing Ring                    |
| 7   | 918-0208-2-3-5     | 1   | Washer                          |
| 8   | 118-2600-44-3      | 1   | Housing                         |

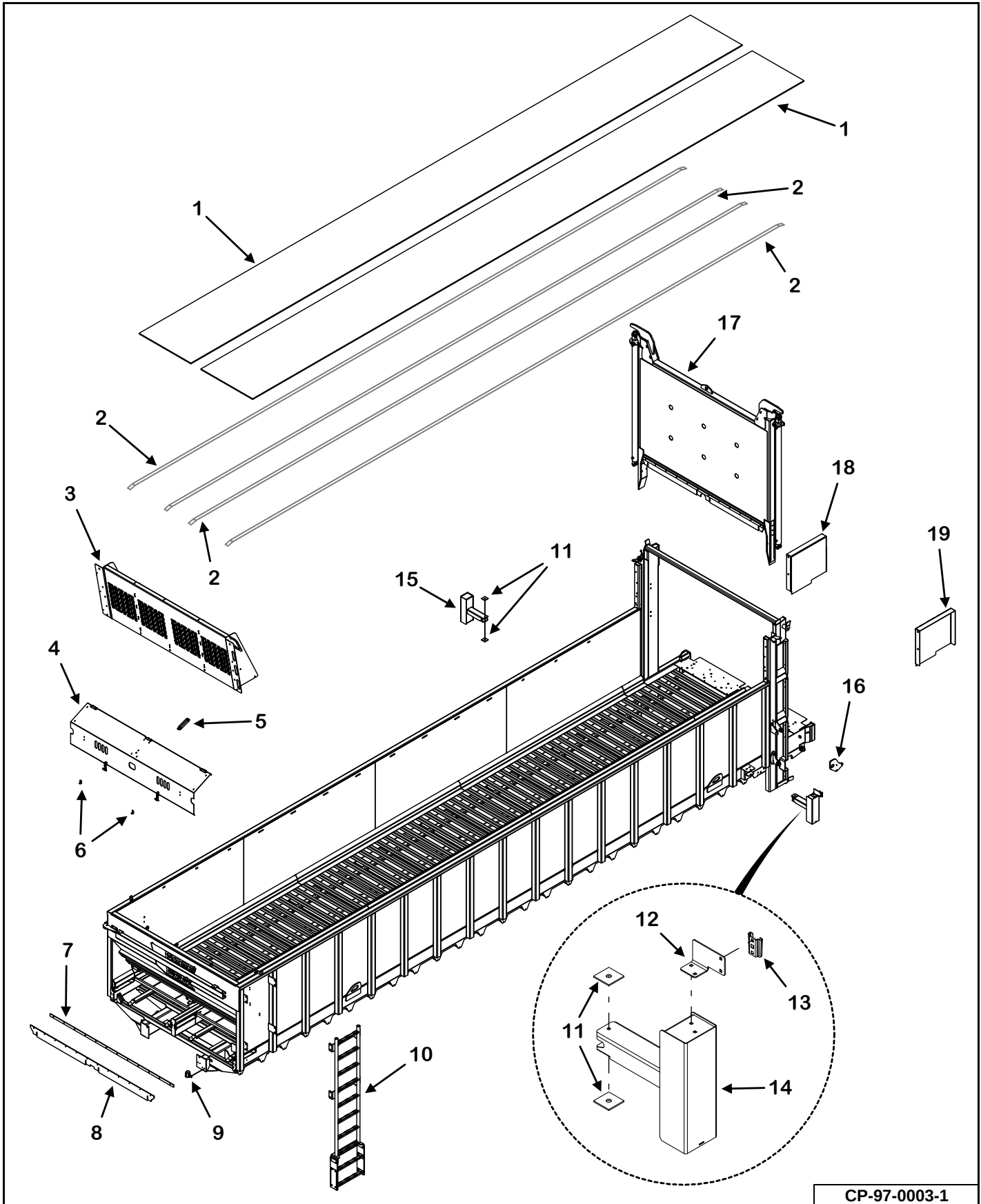


## DRIVELINE U-JOINT



| KEY | PART NUMBER      | QTY | DESCRIPTION                  |
|-----|------------------|-----|------------------------------|
| 0   | 118-VM-0004-2600 | 1   | 1-3/4-20 Spline PTO Complete |
| 1   | 118-2600-18      | 1   | Cross & Bearing Kit          |
| 2   | 618-0005-1-1     | 1   | Zerk                         |
| 3   | 118-2600-54      | 1   | Yoke                         |
| 4   | 118-2600-55      | 1   | Yoke                         |

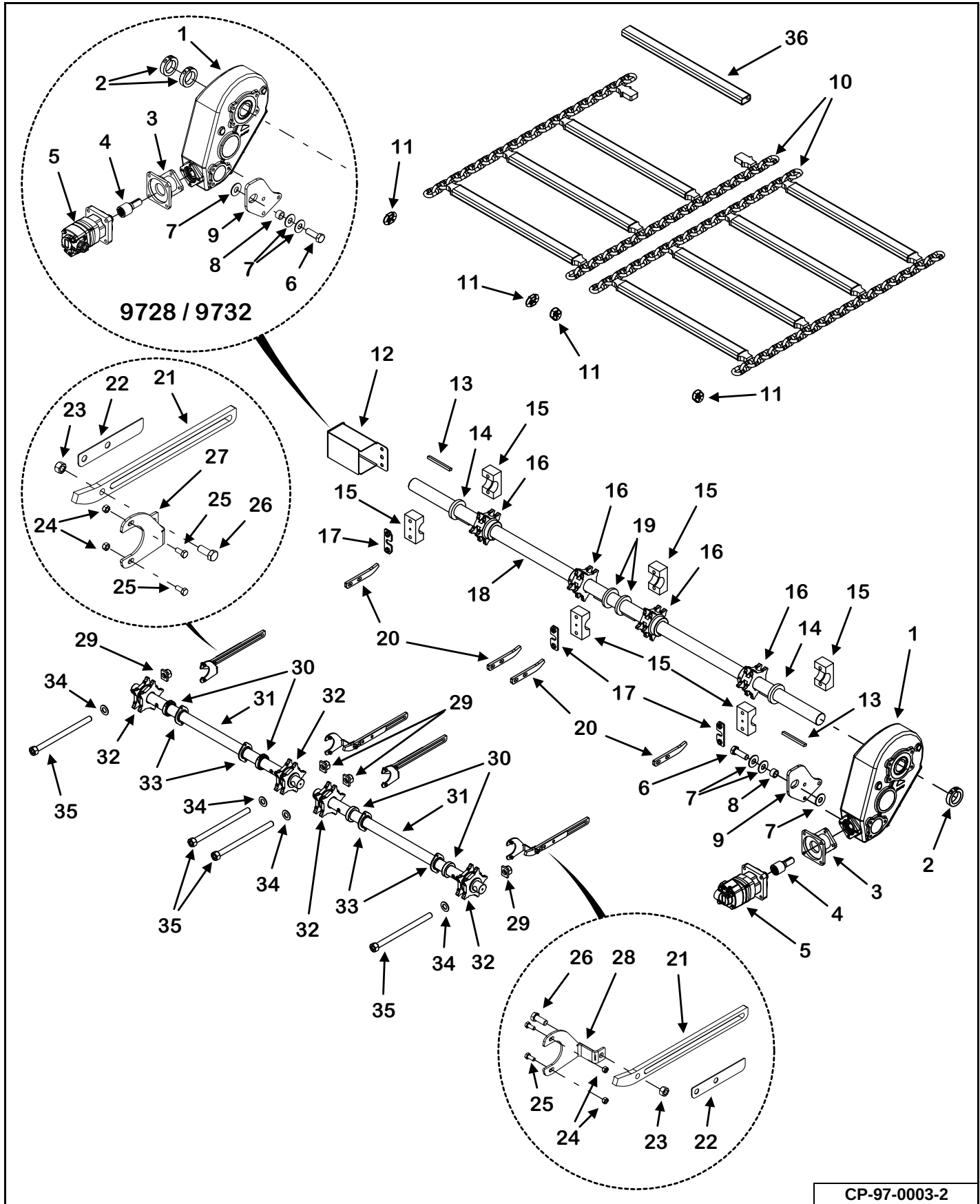
# BODY



CP-97-0003-1

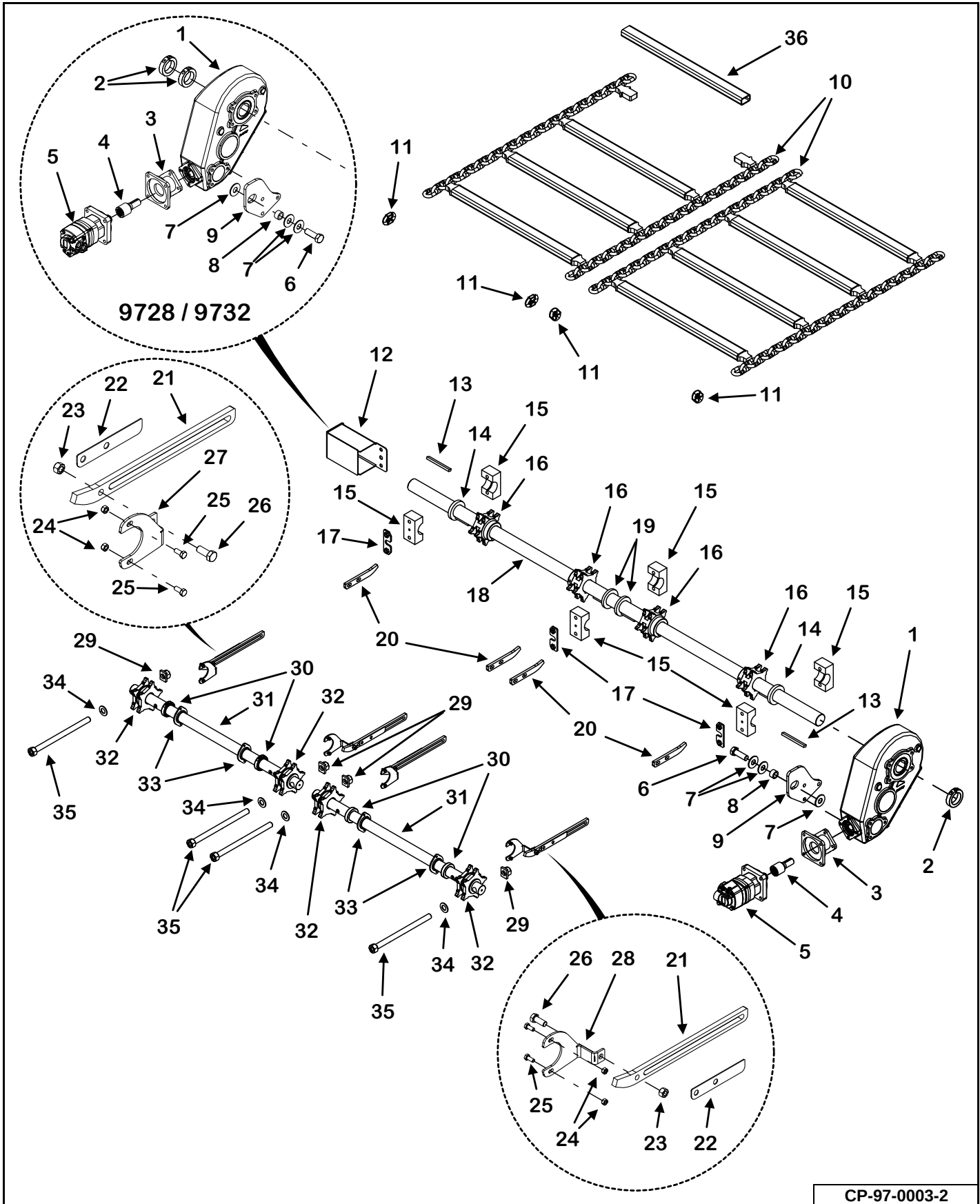
| KEY | PART NUMBER  | QTY | DESCRIPTION                      | MODEL      |
|-----|--------------|-----|----------------------------------|------------|
| 1   | 649-0076     | 2   | 307-1/16" Poly Floor             | 9724       |
|     | 649-0078     | 2   | 354-29/32" Poly Floor            | 9728       |
|     | 649-0073     | 2   | 402-3/4" Poly Floor              | 9732       |
| 2   | 649-0077     | 4   | 310-19/32" Poly Chain Slide Rail | 9724       |
|     | 649-0079     | 4   | 357-21/32" Poly Chain Slide Rail | 9728       |
|     | 649-0074     | 4   | 406-19/32" Poly Chain Slide Rail | 9732       |
| 3   | 601-0500     | 1   | Rock Guard Weldment              | All Models |
| 4   | 601-0602-1   | 1   | Front Apron Shield               | All Models |
|     | 924-0515-2   | 3   | Hinge                            | All Models |
|     | 32-0032-2    | 2   | Rubber T-Latch                   | All Models |
| 5   | 155-GS-0005  | 3   | Gas Spring                       | All Models |
|     | 601-0601-5   | 6   | Bushing                          | All Models |
| 6   | 32-0032-3A   | 2   | T-Latch Keeper                   | All Models |
| 7   | 601-0573-11  | 1   | Apron Seal Backer                | All Models |
| 8   | 649-0061     | 1   | Front Apron Seal                 | All Models |
| 9   | 56-0009      | 1   | Light Plug Holder                | All Models |
| 10  | See Page 126 | 1   | Ladder                           | All Models |
| 11  | M9-1-8-0004  | 4   | Rubber Washer                    | All Models |
| 12  | 611-0466-3   | 1   | SMV Mount Bracket                | All Models |
| 13  | 33-1002      | 1   | SMV Sign Mount                   | All Models |
| 14  | 601-0466     | 1   | Left Tail Light Weldment         | All Models |
| 15  | 601-0465     | 1   | Right Tail Light Weldment        | All Models |
| 16  | See Page 112 | 1   | Apron Gearbox Mount              | All Models |
| 17  | See Page 128 | 1   | Rear Gate With Indicator         | All Models |
| 18  | 601-0678-1   | 1   | Right Apron Guard                | All Models |
| 19  | 601-0677-1   | 1   | Left Apron Guard                 | All Models |

# APRON



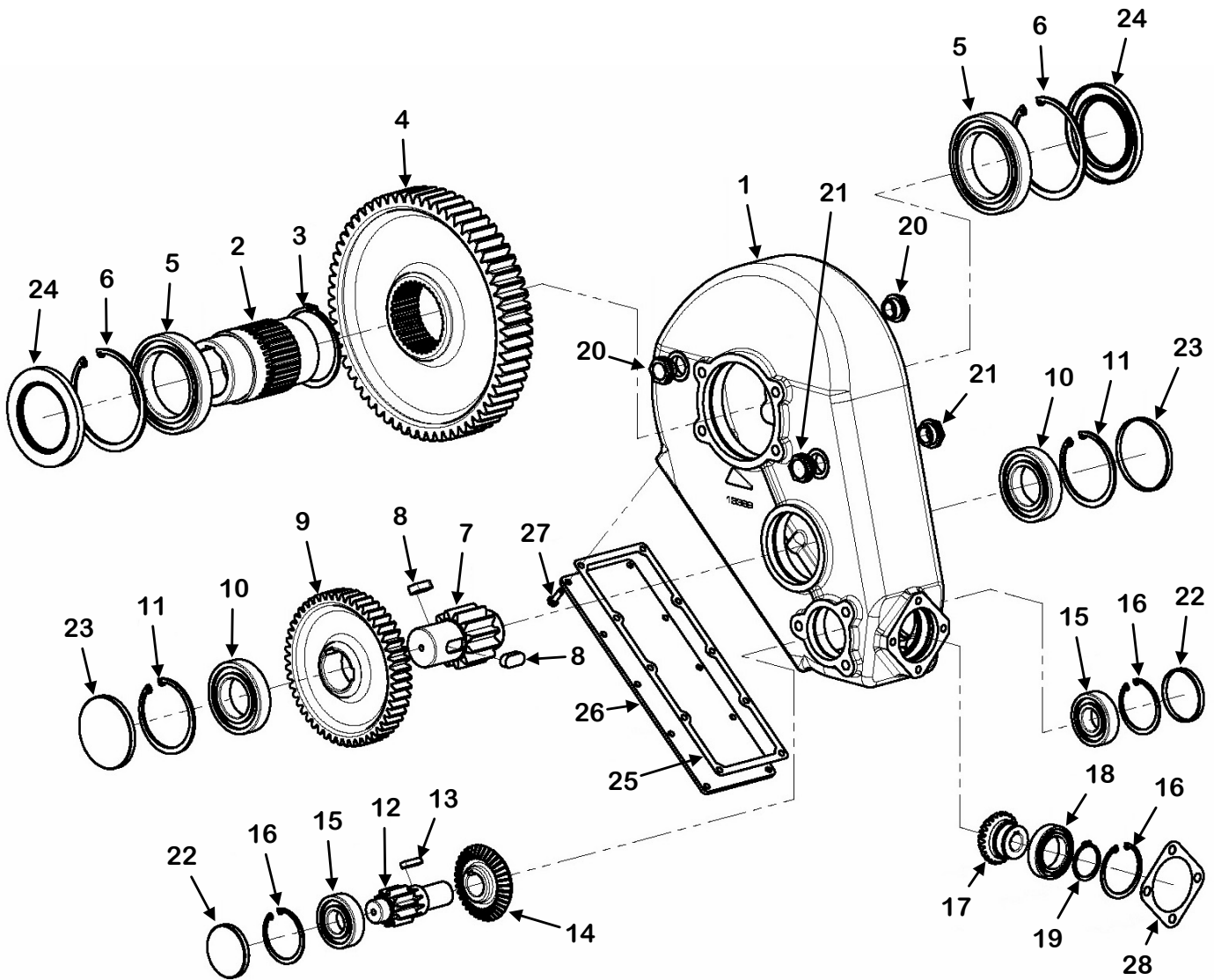
| KEY | PART NUMBER   | QTY | DESCRIPTION                                                 | MODEL      |
|-----|---------------|-----|-------------------------------------------------------------|------------|
| 1   | See Page 116  | 1   | Apron Gearbox                                               | 9724       |
|     | See Page 118  | 2   | Apron Gearbox                                               | 9728/9732  |
| 2   | 33-0402       | 1   | 2-1/2" Clamp-On Shaft Collar                                | 9724       |
|     | 33-0402       | 2   | 2-1/2" Clamp-On Shaft Collar                                | 9728/9732  |
| 3   | 601-0560      | 1   | Motor To Gearbox Mount Weldment                             | 9724       |
|     | 601-0560      | 2   | Motor To Gearbox Mount Weldment                             | 9728/9732  |
| 4   | 623-0034      | 1   | Keyed Adapter Shaft Weldment                                | 9724       |
|     | 623-0034      | 2   | Keyed Adapter Shaft Weldment                                | 9728/9732  |
| 5   | See Page 122  | 1   | Apron Hydraulics                                            | 9724       |
|     | See Page 124  | 2   | Apron Hydraulics                                            | 9728/9732  |
| 6   | 881-1014-3Z   | 1   | 1"-14 x 3" Hex Cap Screw                                    | 9724       |
|     | 881-1014-3Z   | 2   | 1"-14 x 3" Hex Cap Screw                                    | 9728/9732  |
| 7   | 805-0010-Z    | 3   | 1" Flat Washer                                              | 9724       |
|     | 805-0010-Z    | 6   | 1" Flat Washer                                              | 9728/9732  |
| 8   | 601-0001-83   | 1   | Torque Arm Bushing                                          | 9724       |
|     | 601-0001-83   | 2   | Torque Arm Bushing                                          | 9728/9732  |
| 9   | 601-0574-7    | 1   | Torque Arm Plate RT800                                      | 9724       |
|     | 601-0574-7    | 2   | Torque Arm Plate RT800                                      | 9728/9732  |
| 10  | 611-0338      | 1   | Apron Chain Assembly (2 Apron Assemblies)                   | 9724       |
|     | 611-0341      | 1   | Apron Chain Assembly (2 Apron Assemblies)                   | 9728       |
|     | 611-0335      | 1   | Apron Chain Assembly (2 Apron Assemblies)                   | 9732       |
| 11  | 611-0332      | AR  | Apron Chain Connector Link With Roller Pins                 | All Models |
|     | 611-0332-1    | AR  | Spring Pin Kit For Connector Link                           | All Models |
| 12  | 601-0622      | 1   | Shaft Cover Weldment                                        | 9724       |
| 13  | 35-0044       | 1   | Key                                                         | 9724       |
|     | 35-0044       | 2   | Key                                                         | 9728/9732  |
| 14  | 601-0576-2    | 2   | Spacer                                                      | All Models |
| 15  | 614-0015      | 6   | Bearing Half                                                | All Models |
| 16  | 601-0576-1    | 4   | 5/8" Round Chain Sprocket                                   | All Models |
| 17  | 601-0743      | 3   | Nut Retainer Weldment                                       | All Models |
| 18  | 623-0014      | 1   | Apron Driveshaft                                            | All Models |
|     | 601-0576      | 1   | Apron Driveshaft Assembly (Includes Key #s 13, 14, 16 & 19) | All Models |
| 19  | 601-0576-3    | 2   | Spacer                                                      | All Models |
| 20  | 601-0570-25   | 4   | Scraper                                                     | All Models |
| 21  | 601-0570-26   | 4   | Scraper                                                     | All Models |
| 22  | 601-0600-2    | 4   | Spacer                                                      | All Models |
| 23  | 813-5013-Z    | 4   | 1/2"-13 Hex Nut                                             | All Models |
| 24  | 813-3118      | 8   | 5/16"-18 Hex Nut                                            | All Models |
| 25  | 851-3118-.75Z | 8   | 5/16"-18 x 3/4" Hex Cap Screw                               | All Models |

# APRON (CONT'D)



| KEY | PART NUMBER    | QTY | DESCRIPTION                                                                        | MODEL      |
|-----|----------------|-----|------------------------------------------------------------------------------------|------------|
| 26  | 851-5013-1.25Z | 4   | 1/2"-13 x 1-1/4" Hex Cap Screw                                                     | All Models |
| 27  | 601-0733-3     | 2   | Scraper Carrier                                                                    | All Models |
| 28  | 601-0733-4     | 2   | Scraper Carrier                                                                    | All Models |
| 29  | 601-0577-4     | 4   | Rear Tightener Block Weldment                                                      | All Models |
| 30  | 33-0400        | 4   | 2" Clamp Shaft Collar                                                              | All Models |
| 31  | 623-0015       | 2   | Idler Shaft Assembly                                                               | All Models |
|     | 601-0577       | 2   | Apron Idler Shaft Complete Assembly (Includes 2 Of Key #s 29, 30, 32, 33, 34 & 35) | All Models |
| 32  | 601-0577-2     | 4   | Front Apron Idler Sprockets                                                        | All Models |
|     | 13-0025        | 4   | Idler Sprocket Bushing                                                             | All Models |
| 33  | 601-0733       | 4   | Scraper Carrier Mount Weldment                                                     | All Models |
| 34  | 828-0010-Z-H   | 4   | 1" Hardened Washer                                                                 | All Models |
| 35  | 601-0577-3     | 4   | Tightener Rod Weldment                                                             | All Models |
| 36  | 611-0307-3     | AR  | 3/16" x 1-1/2" x 2-1/2" x 32-9/16" Tube                                            | All Models |

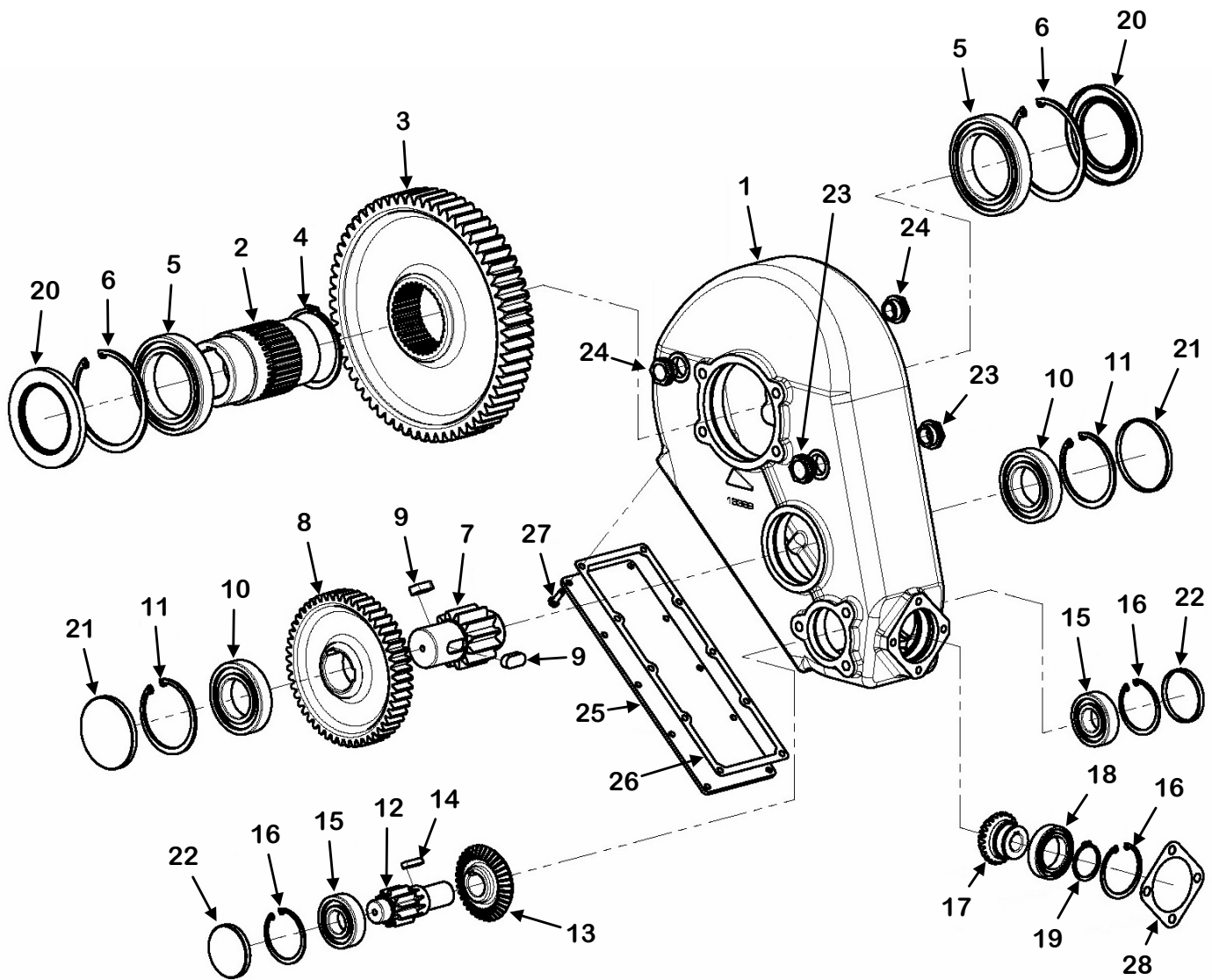
# 9724 APRON GEARBOX



619-0022

| KEY | PART NUMBER | QTY | DESCRIPTION                  |
|-----|-------------|-----|------------------------------|
| 0   | 619-0022    | 1   | Apron Gearbox (31.7:1 Ratio) |
| 1   | 619-0001-1  | 1   | Housing                      |
| 2   | 619-0022-1  | 1   | Hub                          |
| 3   | 619-0001-3  | 1   | Circlip                      |
| 4   | 619-0001-4  | 1   | Gear                         |
| 5   | 619-0021-4  | 2   | Bearing                      |
| 6   | 619-0001-6  | 2   | Circlip                      |
| 7   | 619-0001-7  | 1   | Pinion                       |
| 8   | 619-0001-8  | 2   | Key                          |
| 9   | 619-0001-9  | 1   | Gear                         |
| 10  | 619-0020-6  | 2   | Bearing                      |
| 11  | 619-0001-11 | 2   | Circlip                      |
| 12  | 619-0001-12 | 1   | Pinion                       |
| 13  | 619-0001-14 | 1   | Gear                         |
| 14  | 619-0001-13 | 1   | Key                          |
| 15  | 619-0001-29 | 2   | Bearing                      |
| 16  | 619-0001-16 | 3   | Circlip                      |
| 17  | 119-B-100   | 1   | Pinion                       |
| 18  | 619-0012-2  | 1   | Bearing                      |
| 19  | 619-0001-19 | 1   | Circlip                      |
| 20  | 619-0001-20 | 2   | Oil Breather Plug            |
| 21  | 619-0020-8  | 2   | Oil Level Indicator          |
| 22  | 619-0001-22 | 2   | Cap                          |
| 23  | 619-0001-23 | 2   | Cap                          |
| 24  | 619-0001-24 | 2   | Oil Seal                     |
| 25  | 619-0001-25 | 1   | Cover Gasket                 |
| 26  | 619-0001-26 | 1   | Cover                        |
| 27  | 619-0001-27 | 8   | M8 x 16 Screw                |
| 28  | 619-0001-28 | 1   | Gasket                       |

9728 / 9732 APRON GEARBOX

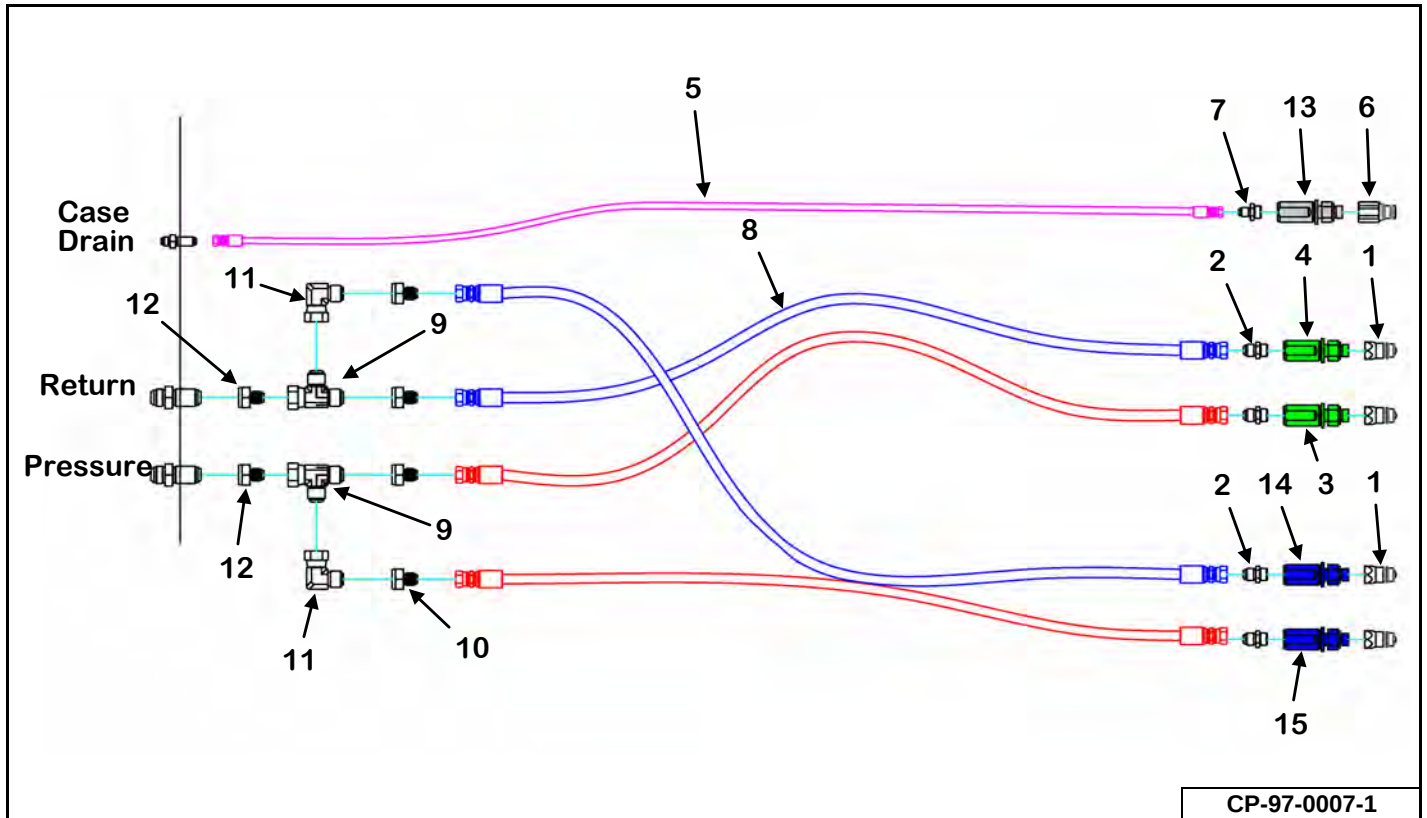


619-0021

| KEY | PART NUMBER | QTY | DESCRIPTION                  |
|-----|-------------|-----|------------------------------|
| 0   | 619-0021    | 2   | Apron Gearbox (37.8:1 Ratio) |
| 1   | 619-0021-1  | 1   | Housing                      |
| 2   | 619-0021-3  | 1   | Hub                          |
| 3   | 619-0021-2  | 1   | Gear                         |
| 4   | 619-0001-3  | 1   | Circlip                      |
| 5   | 619-0021-4  | 2   | Bearing                      |
| 6   | 619-0001-6  | 2   | Circlip                      |
| 7   | 619-0021-5  | 1   | Pinion                       |
| 8   | 619-0021-7  | 1   | Gear                         |
| 9   | 619-0021-6  | 2   | Key                          |
| 10  | 619-0020-6  | 2   | Bearing                      |
| 11  | 619-0001-11 | 2   | Circlip                      |
| 12  | 619-0021-8  | 1   | Pinion                       |
| 13  | 619-0001-14 | 1   | Gear                         |
| 14  | 619-0001-13 | 1   | Key                          |
| 15  | 619-0021-9  | 2   | Bearing                      |
| 16  | 619-0001-16 | 3   | Circlip                      |
| 17  | 619-0021-10 | 1   | Pinion                       |
| 18  | 619-0021-11 | 1   | Bearing                      |
| 19  | 619-0001-19 | 1   | Circlip                      |
| 20  | 619-0001-24 | 2   | Oil Seal                     |
| 21  | 619-0001-23 | 2   | Plug                         |
| 22  | 619-0001-22 | 2   | Plug                         |
| 23  | 619-0020-8  | 2   | Oil Level Indicator          |
| 24  | 619-0001-20 | 2   | Oil Breather Plug            |
| 25  | 619-0021-12 | 1   | Cover                        |
| 26  | 619-0021-13 | 1   | Gasket                       |
| 27  | 619-0001-27 | 10  | M8 x 16 Screw                |
| 28  | 619-0001-28 | 1   | Gasket                       |

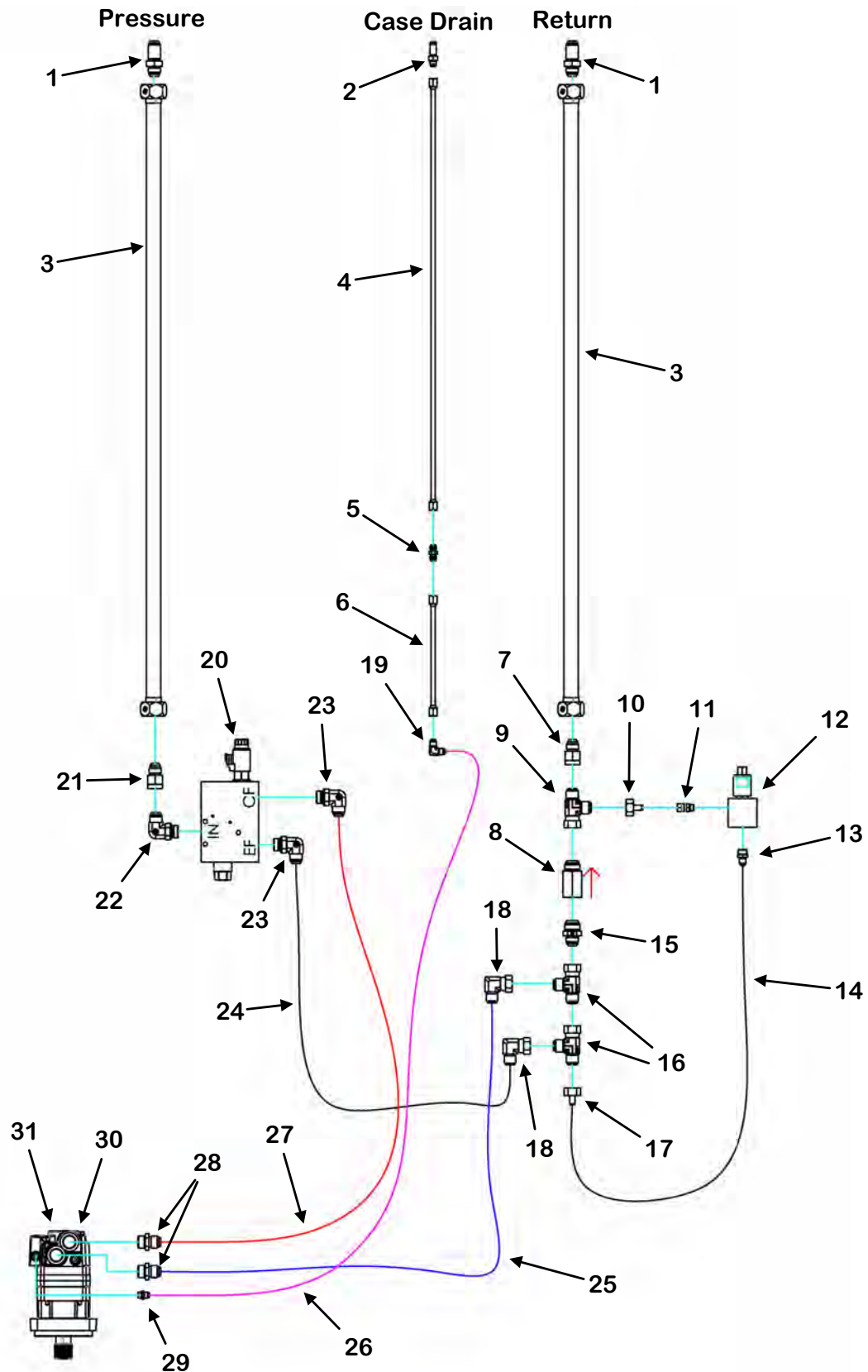


## APRON FRONT HOSES



| KEY | PART NUMBER     | QTY | DESCRIPTION               |
|-----|-----------------|-----|---------------------------|
| 1   | 155-8010-15     | 4   | ORB Male Tip              |
| 2   | 155-6400-8-8    | 4   | Straight Adapter          |
| 3   | 155-HH-GR-1     | 1   | "+" Green Hose Handle     |
| 4   | 155-HH-GR-2     | 1   | "-" Green Hose Handle     |
| 5   | 155-04R17-139-1 | 1   | 1/4" x 139" Hose Assembly |
| 6   | 55-0346         | 1   | Flat Face Coupler         |
| 7   | 155-6400-06-06  | 1   | Straight Adapter          |
| 8   | 155-08R17-138-1 | 4   | 1/2" x 138" Hose          |
| 9   | 155-6602-12A    | 2   | Tee                       |
| 10  | 155-2406-12-08  | 4   | Straight Adapter          |
| 11  | 155-6500-12     | 2   | 90° Elbow                 |
| 12  | 155-2406-20-12  | 2   | Straight Adapter          |
| 13  | 155-HH-WH-2     | 1   | White Hose Handle         |
| 14  | 155-HH-BL-2     | 1   | "-" Black Hose Handle     |
| 15  | 155-HH-BL-1     | 1   | "+" Black Hose Handle     |

# 9724 APRON HYDRAULICS



CP-97-0008-1

| KEY | PART NUMBER        | QTY | DESCRIPTION                     |
|-----|--------------------|-----|---------------------------------|
| 1   | 155-2700-LN-20-20  | 2   | Straight Bulkhead Coupler       |
| 2   | 155-2700-LN-06-06  | 1   | Straight Bulkhead Coupler       |
| 3   | 55-0490            | 2   | 1-1/4" x 233" Tube              |
| 4   | 55-0372            | 1   | 3/8" x 242" Tube                |
| 5   | 155-2403-06-06     | 1   | Straight Adapter                |
| 6   | 55-0489            | 1   | 3/8" x 47" Tube                 |
| 7   | 155-2406-16-20     | 1   | Straight Coupler                |
| 8   | 155-CV-1916FF      | 1   | 40 GPM Check Valve              |
| 9   | 155-6602-16        | 1   | Tee                             |
| 10  | 155-2406-16-06     | 1   | Straight Adapter                |
| 11  | 155-6402-08-06     | 1   | Straight Adapter                |
| 12  | 655-0300           | 1   | Apron Reversing Valve           |
| 13  | 155-6400-6-8       | 1   | Straight Adapter                |
| 14  | 155-04R17-28-1     | 1   | 1/4" x 28" Hose                 |
| 15  | 155-2406-12-16     | 1   | Straight Adapter                |
| 16  | 155-6602-12A       | 2   | Tee                             |
| 17  | 155-2406-12-06     | 1   | Straight Adapter                |
| 18  | 155-6500-12        | 2   | 90° Elbow                       |
| 19  | 155-2500-06-06     | 1   | 90 Degree Elbow                 |
| 20  | 155-EPFC-40-1      | 1   | 40 GPM Flow Control Assembly    |
| 21  | 155-2406-16-20     | 1   | Straight Adapter                |
| 22  | 155-6801-16-12     | 1   | 90° Elbow                       |
| 23  | 155-6801-12        | 2   | 90° Elbow                       |
| 24  | 155-12R17-32-1     | 1   | 3/4" x 32" Hose Assembly        |
| 25  | 155-12R17-117-1    | 1   | 3/4" x 117" Hose Assembly       |
| 26  | 155-04R17-28-1     | 1   | 1/4" x 28" Hose                 |
| 27  | 155-12R17-132-3    | 1   | 3/4" x 132" Hose Assembly       |
| 28  | 155-6400-12-12     | 2   | Straight Adapter                |
| 29  | 155-6400-06-04     | 1   | Straight Adapter                |
| 30  | 155-4000-12.5-SS-1 | 1   | 12.5 Cubic Inch Hydraulic Motor |
| 31  | 655-0001-SS-3      | 1   | Speed Sensor (Optional)         |

The diagram illustrates a two-circuit refrigeration system with the following components and connections:

- Pressure Line:** Labeled at the top, it includes components 1, 3, 37, 36, 21, 22, and 20.
- Case Drain Line:** Labeled at the top, it includes components 2, 4, 5, 6, 18, 19, and 35.
- Return Line:** Labeled at the top, it includes components 1, 3, 37, 36, 7, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, and 34.
- Compressors:** Two compressors are shown at the bottom, labeled 30 and 31.
- Condensers:** Two condensers are shown at the bottom, labeled 28 and 29.
- Expansion Valves:** Two expansion valves are shown at the bottom, labeled 25 and 26.
- Receiver/Storage Tank:** A central receiver or storage tank is labeled 32.
- Other Components:** Various other components are labeled with numbers 7 through 33, including valves, filters, and piping.

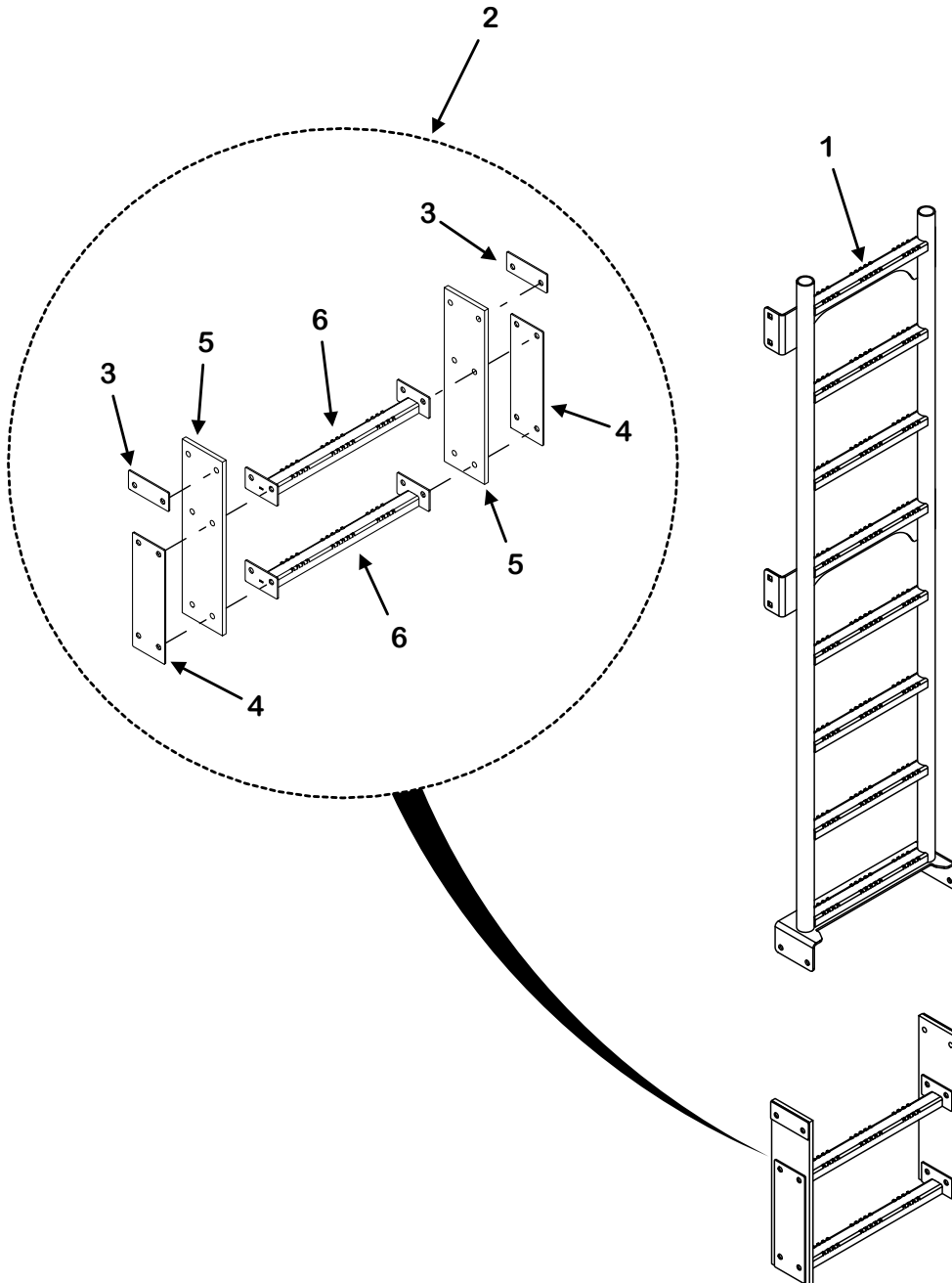
The piping is color-coded to distinguish between the two circuits and the refrigerant lines:

- Red Line:** Connects the pressure line to the return line via the receiver.
- Blue Line:** Connects the case drain line to the return line via the receiver.
- Green Line:** Connects the return line to the receiver.
- Black Line:** Connects the receiver to the condensers and expansion valves.

The diagram is identified by the code **CP-97-0009-1** in the bottom right corner.

| KEY | PART NUMBER       | QTY | DESCRIPTION                    | MODEL |
|-----|-------------------|-----|--------------------------------|-------|
| 1   | 155-2700-LN-20-20 | 2   | Straight Bulkhead Coupler      | Both  |
| 2   | 155-2700-LN-06-06 | 1   | Straight Bulkhead Coupler      | Both  |
| 3   | 55-0494           | 2   | 1-1/4" x 38" Tube              | 9728  |
|     | 55-0446           | 2   | 1-1/4" x 228" Tube             | 9732  |
| 4   | 55-0372           | 1   | 3/8" x 242" Tube               | Both  |
| 5   | 155-2403-06-06    | 1   | Straight Adapter               | Both  |
| 6   | 55-0496           | 1   | 3/8" x 88" Tube                | 9728  |
|     | 55-0469           | 1   | 3/8" x 136" Tube               | 9732  |
| 7   | 155-2406-16-20    | 1   | Straight Coupler               | Both  |
| 8   | 155-CV-1916FF     | 1   | 40 GPM Check Valve             | Both  |
| 9   | 155-6602-16       | 1   | Tee                            | Both  |
| 10  | 155-2406-16-06    | 1   | Straight Adapter               | Both  |
| 11  | 155-6402-08-06    | 1   | Straight Adapter               | Both  |
| 12  | 655-0300          | 1   | Apron Reversing Valve          | Both  |
| 13  | 155-6400-6-8      | 1   | Straight Adapter               | Both  |
| 14  | 155-04R17-28-1    | 1   | 1/4" x 28" Hose                | Both  |
| 15  | 155-2406-12-16    | 1   | Straight Adapter               | Both  |
| 16  | 155-6602-12A      | 1   | Tee                            | Both  |
| 17  | 155-2406-12-06    | 1   | Straight Adapter               | Both  |
| 18  | 155-6500-12       | 5   | 90° Elbow                      | Both  |
| 19  | 155-2500-06-06    | 1   | 90° Elbow                      | Both  |
| 20  | 155-EPFC-40-1     | 1   | 40 GPM Flow Control Assembly   | Both  |
| 21  | 155-2406-16-20    | 1   | Straight Adapter               | Both  |
| 22  | 155-6801-16-12    | 1   | 90° Elbow                      | Both  |
| 23  | 155-6801-12       | 1   | 90° Elbow                      | Both  |
| 24  | 155-12R17-32-1    | 1   | 3/4" x 32" Hose Assembly       | Both  |
| 25  | 155-12R17-115-2   | 2   | 3/4" x 115" Hose Assembly      | 9728  |
|     | 155-12R17-85-1    | 2   | 3/4" x 85" Hose Assembly       | 9732  |
| 26  | 155-04R17-51-1    | 2   | 1/4" x 51" Hose                | Both  |
| 27  | 155-12R17-129-1   | 2   | 3/4" x 129" Hose Assembly      | 9728  |
|     | 155-12R17-102-1   | 2   | 3/4" x 102" Hose Assembly      | 9732  |
| 28  | 155-6400-12-12    | 4   | Straight Adapter               | Both  |
| 29  | 155-6400-06-04    | 2   | Straight Adapter               | Both  |
| 30  | 155-4000-9.9-SS-1 | 2   | 9.9 Cubic Inch Hydraulic Motor | Both  |
| 31  | 655-0001-SS-3     | 2   | Speed Sensor (Optional)        | Both  |
| 32  | 155-04R17-38-1    | 1   | 1/4" x 38" Hose                | 9728  |
|     | 155-04R17-32-1    | 1   | 1/4" x 32" Hose                | 9732  |
| 33  | 155-2603-06-06-06 | 1   | Tee                            | Both  |
| 34  | 155-2650-12       | 1   | Cross                          | Both  |
| 35  | 155-6803-12       | 1   | Tee                            | Both  |
| 36  | 55-0433           | 2   | 1-1/4" x 242" Tube             | 9728  |
|     | 55-0467           | 2   | 1-1/4" x 129" Tube             | 9732  |
| 37  | 155-2403-20-20    | 2   | Straight Coupler               | Both  |

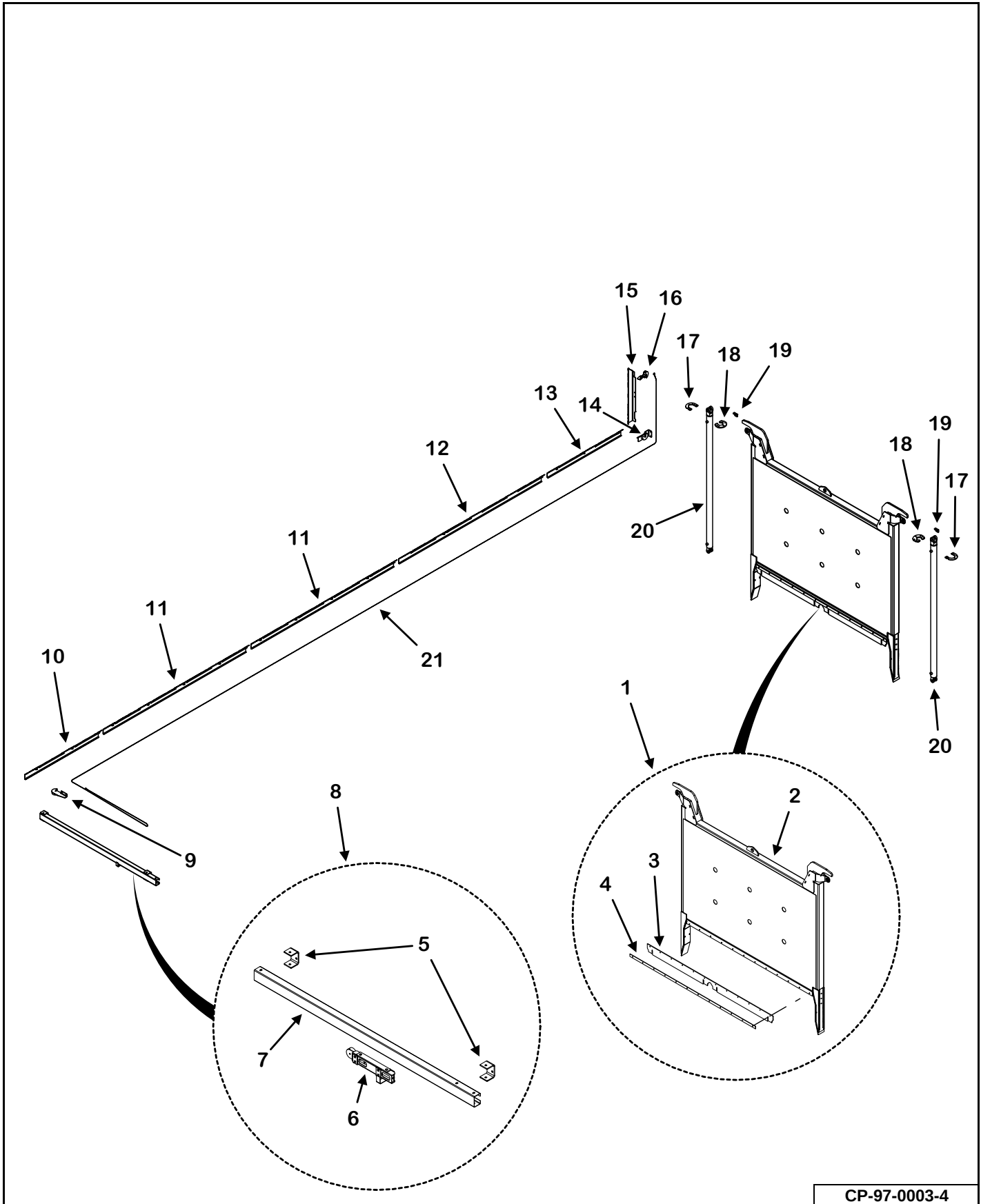
# LADDER



CP-97-0003-3

| KEY | PART NUMBER | QTY | DESCRIPTION               |
|-----|-------------|-----|---------------------------|
| 1   | 601-0693    | 1   | Ladder Weldment           |
| 2   | 601-0695    | 1   | Ladder Extension Assembly |
| 3   | 601-0693-3  | 2   | Ladder Extension Plate    |
| 4   | 601-0693-5  | 2   | Ladder Extension Plate    |
| 5   | 649-0075    | 2   | Belt                      |
| 6   | 601-0694    | 2   | Step Weldment             |

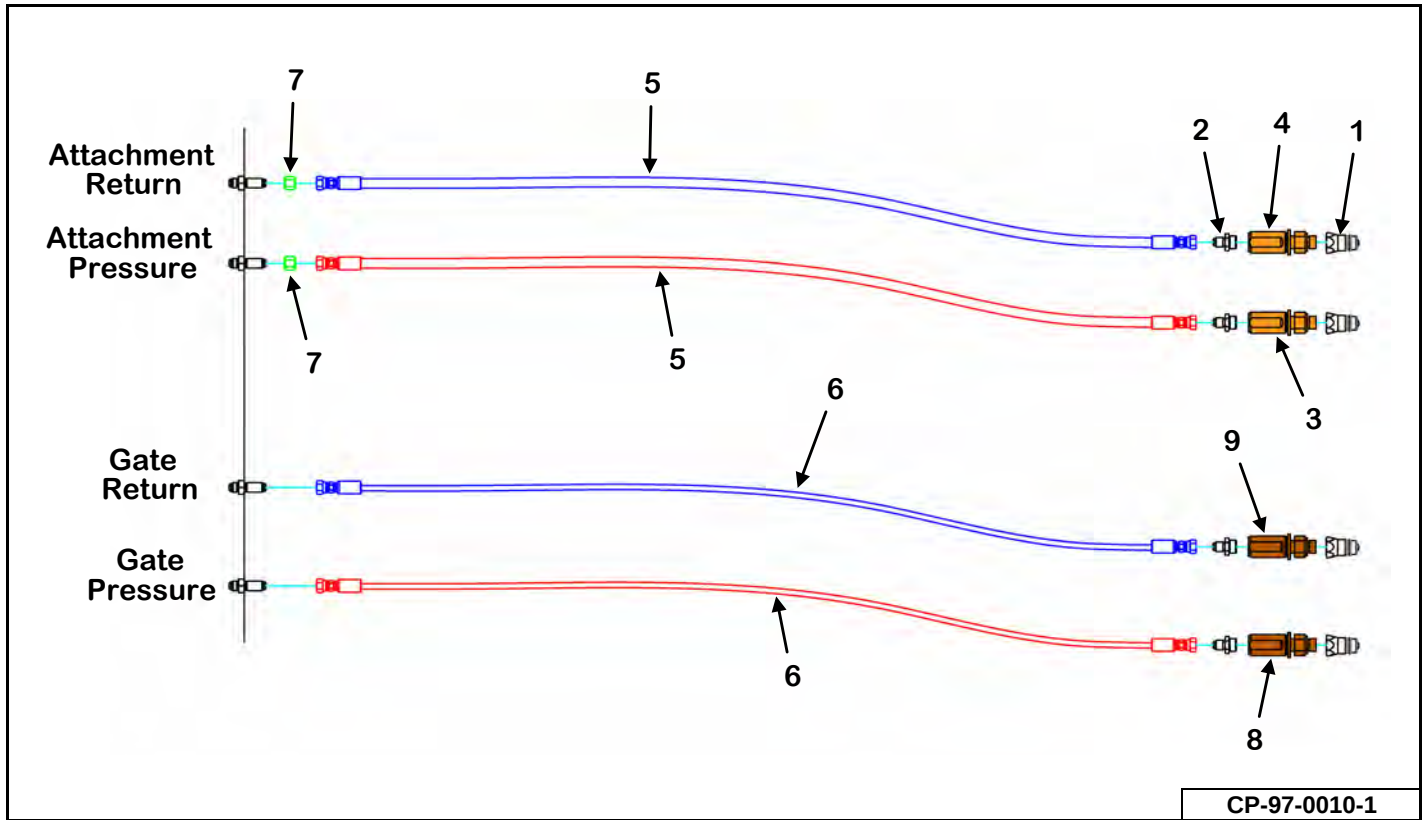
## REAR GATE WITH INDICATOR



| KEY | PART NUMBER  | QTY | DESCRIPTION                                       | MODEL      |
|-----|--------------|-----|---------------------------------------------------|------------|
| 1   | 601-0608     | 1   | Guillotine Gate Assembly                          | All Models |
| 2   | 601-0704     | 1   | Guillotine Gate Weldment                          | All Models |
| 3   | 649-0082     | 1   | Gate Apron Seal                                   | All Models |
| 4   | 601-0608-1   | 1   | Gate Apron Seal Backer                            | All Models |
| 5   | 601-0699-1   | 2   | Bracket                                           | All Models |
| 6   | 601-0478     | 1   | Slider Assembly                                   | All Models |
| 7   | 601-0351     | 1   | Guillotine Gate Indicator Slider Channel Weldment | All Models |
| 8   | 601-0699     | 1   | Guillotine Gate Indicator Slider Assembly         | All Models |
| 9   | 601-0700     | 1   | Cable Guide Assembly                              | All Models |
|     | 601-0700-1   | 1   | Guide Pulley                                      | All Models |
| 10  | 601-0681-5   | 1   | Cover                                             | All Models |
|     | 32-0302      | 4   | Clip On Nut                                       | All Models |
| 11  | 601-0681-4   | 2   | Cover                                             | All Models |
|     | 32-0302      | 16  | Clip On Nut                                       | All Models |
| 12  | 601-0681-4   | 1   | Cover                                             | 9732       |
|     | 32-0302      | 8   | Clip On Nut                                       | 9732       |
| 13  | 601-0681-6   | 1   | Cover                                             | 9724/9732  |
|     | 601-0681-7   | 1   | Cover                                             | 9728       |
|     | 32-0302      | 4   | Clip On Nut                                       | 9724/9732  |
|     | 32-0302      | 8   | Clip On Nut                                       | 9728       |
| 14  | 601-0701     | 1   | Cable Guide Assembly                              | All Models |
|     | 601-0700-1   | 1   | Guide Pulley                                      | All Models |
| 15  | 601-0702-1   | 1   | Plate                                             | All Models |
| 16  | 601-0703     | 1   | Cable Guide Assembly                              | All Models |
|     | 601-0703-1   | 1   | Guide Pulley                                      | All Models |
| 17  | 601-0571-22  | 2   | Gate Cylinder Retainer                            | All Models |
| 18  | 601-0691-4   | 2   | Plate                                             | All Models |
| 19  | 25-1091-1    | 2   | 3/4" Side Marker Light Bracket                    | All Models |
| 20  | See Page 132 | 1   | Rear Gate & FPX100 Attachment Body Hydraulics     | All Models |
| 21  | 636-0004     | 1   | 37'-6" Gate Indicator Cable                       | 9724       |
|     | 636-0005     | 1   | 41'-7" Gate Indicator Cable                       | 9728       |
|     | 636-0003     | 1   | 45'-7" Gate Indicator Cable                       | 9732       |

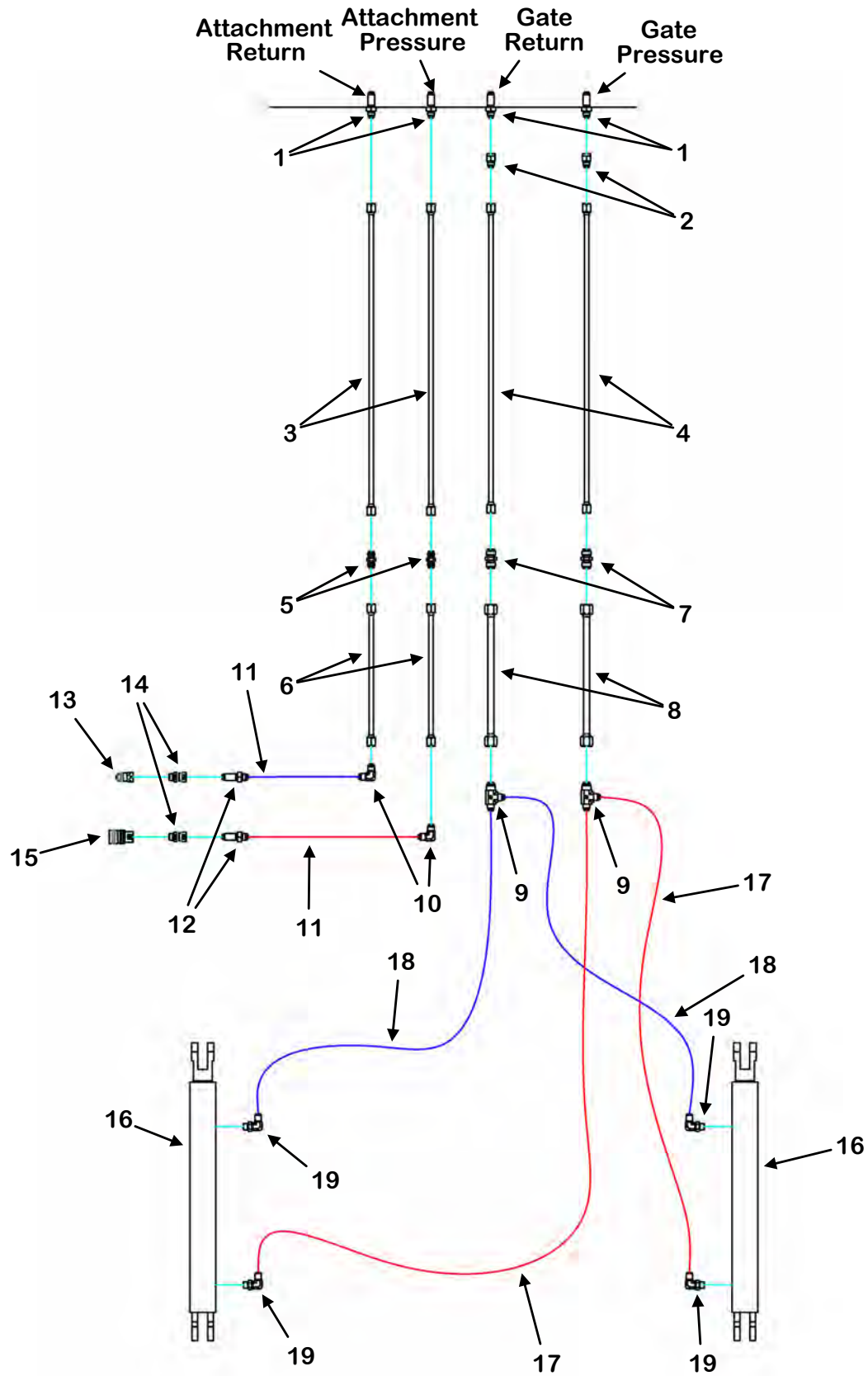


## REAR GATE & FPX100 ATTACHMENT FRONT HOSES



| KEY | PART NUMBER     | QTY | DESCRIPTION            |
|-----|-----------------|-----|------------------------|
| 1   | 155-8010-15     | 4   | ORB Male Tip           |
| 2   | 155-6400-6-8    | 4   | Straight Adapter       |
| 3   | 155-HH-OR-1     | 1   | "+" Orange Hose Handle |
| 4   | 155-HH-OR-2     | 1   | "-" Orange Hose Handle |
| 5   | 155-04R17-139-1 | 2   | 1/4" x 139" Hose       |
| 6   | 155-06R17-138-1 | 2   | 3/8" x 138" Hose       |
| 7   | 155-304-C-06    | 2   | Cap                    |
| 8   | 155-HH-BR-1     | 1   | "+" Brown Hose Handle  |
| 9   | 155-HH-BR-2     | 1   | "-" Brown Hose Handle  |

# REAR GATE & FPX100 ATTACHMENT BODY HYDRAULICS

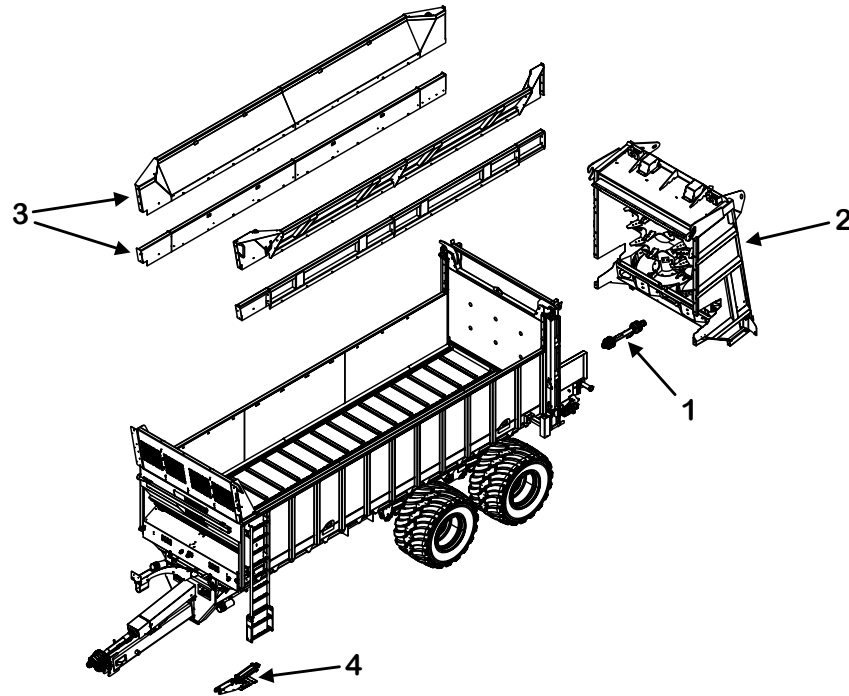


CP-97-0011-1

| KEY | PART NUMBER       | QTY | DESCRIPTION                     | MODEL      |
|-----|-------------------|-----|---------------------------------|------------|
| 1   | 155-2700-LN-06-06 | 4   | Straight Bulkhead Coupler       | All Models |
| 2   | 155-2406-06-08    | 2   | Straight Adapter                | All Models |
| 3   | 55-0372           | 2   | 3/8" x 242" Tube                | All Models |
| 4   | 55-0369           | 2   | 1/2" x 242" Tube                | All Models |
| 5   | 155-2403-06-06    | 2   | Straight Coupler                | All Models |
| 6   | 55-0491           | 2   | 3/8" x 49" Tube                 | 9724       |
|     | 55-0496           | 2   | 3/8" x 88" Tube                 | 9728       |
|     | 55-0469           | 2   | 3/8" x 136" Tube                | 9732       |
| 7   | 155-2403-08-08    | 2   | Straight Coupler                | All Models |
| 8   | 55-0492           | 2   | 1/2" x 47" Tube                 | 9724       |
|     | 55-0495           | 2   | 1/2" x 88" Tube                 | 9728       |
|     | 55-0468           | 2   | 1/2" x 137" Tube                | 9732       |
| 9   | 155-2603-08-06-06 | 2   | Tee                             | All Models |
| 10  | 155-2500-06-06    | 2   | 90° Elbow                       | All Models |
| 11  | 155-04R17-48-1    | 2   | 1/4" x 48" Hose Assembly        | All Models |
| 12  | 155-2700-LN-06-06 | 2   | Straight Bulkhead Coupler       | All Models |
| 13  | 55-0269           | 1   | ORB Male Tip                    | All Models |
| 14  | 155-6402-06-06    | 2   | Straight Coupler                | All Models |
| 15  | 55-0270           | 1   | ORB Female Tip                  | All Models |
| 16  | 155-2.5-72-1.5-1  | 2   | 2-1/2" x 72" Hydraulic Cylinder | All Models |
| 17  | 155-06R17-88-1    | 4   | 3/8" x 88" Hose                 | All Models |
| 18  | 155-06R17-160-1   | 2   | 3/8" x 160" Hose                | All Models |
| 19  | 155-6801-06-06    | 4   | 90° Elbow                       | All Models |



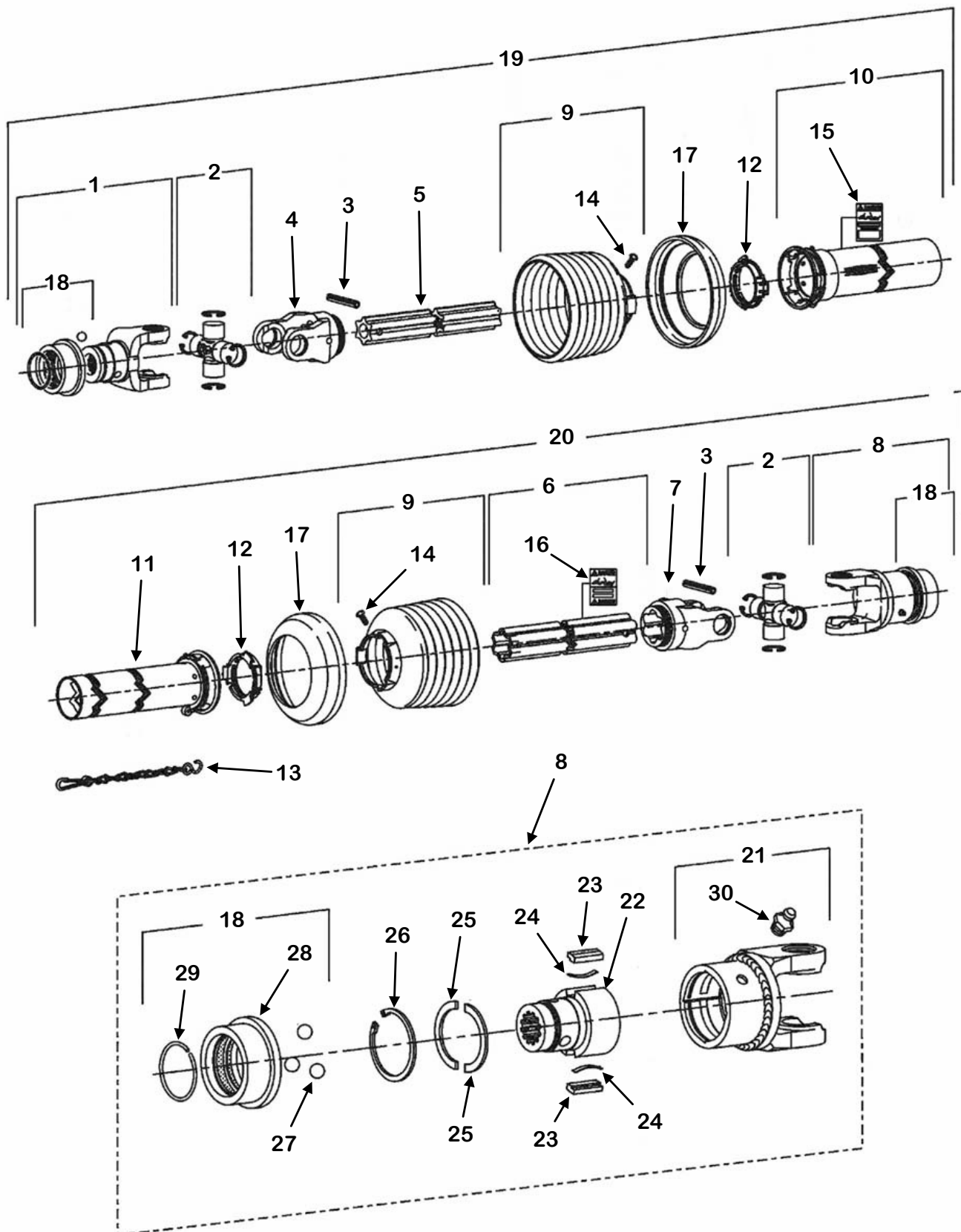
## 10.0 OPTIONAL PARTS



CP-97-0025-1

| KEY | DESCRIPTION                            | PAGE # |
|-----|----------------------------------------|--------|
| 1   | 9724 ATTACHMENT PTO                    | 136    |
|     | 9728 / 9732 ATTACHMENT PTO             | 138    |
| 2   | FPX200 ATTACHMENT BODY & SHIELDS       | 140    |
|     | FPX200 ATTACHMENT SPINNERS & DRIVELINE | 142    |
|     | FPX200 ATTACHMENT GREASE HOSES         | 144    |
|     | ATTACHMENT CENTER GEARBOX              | 146    |
|     | ATTACHMENT SPINNER GEARBOX             | 148    |
| 3   | SILAGE KIT EXTENSIONS                  | 150    |
| 4   | HYDRAULIC JACK                         | 152    |
|     | HYDRAULIC JACK HOSES                   | 154    |
| NS  | ROCK GUARD                             |        |
| NS  | 10 LIGHT AG PACK                       | 158    |
| NS  | ATHENE SYSTEM                          | 160    |

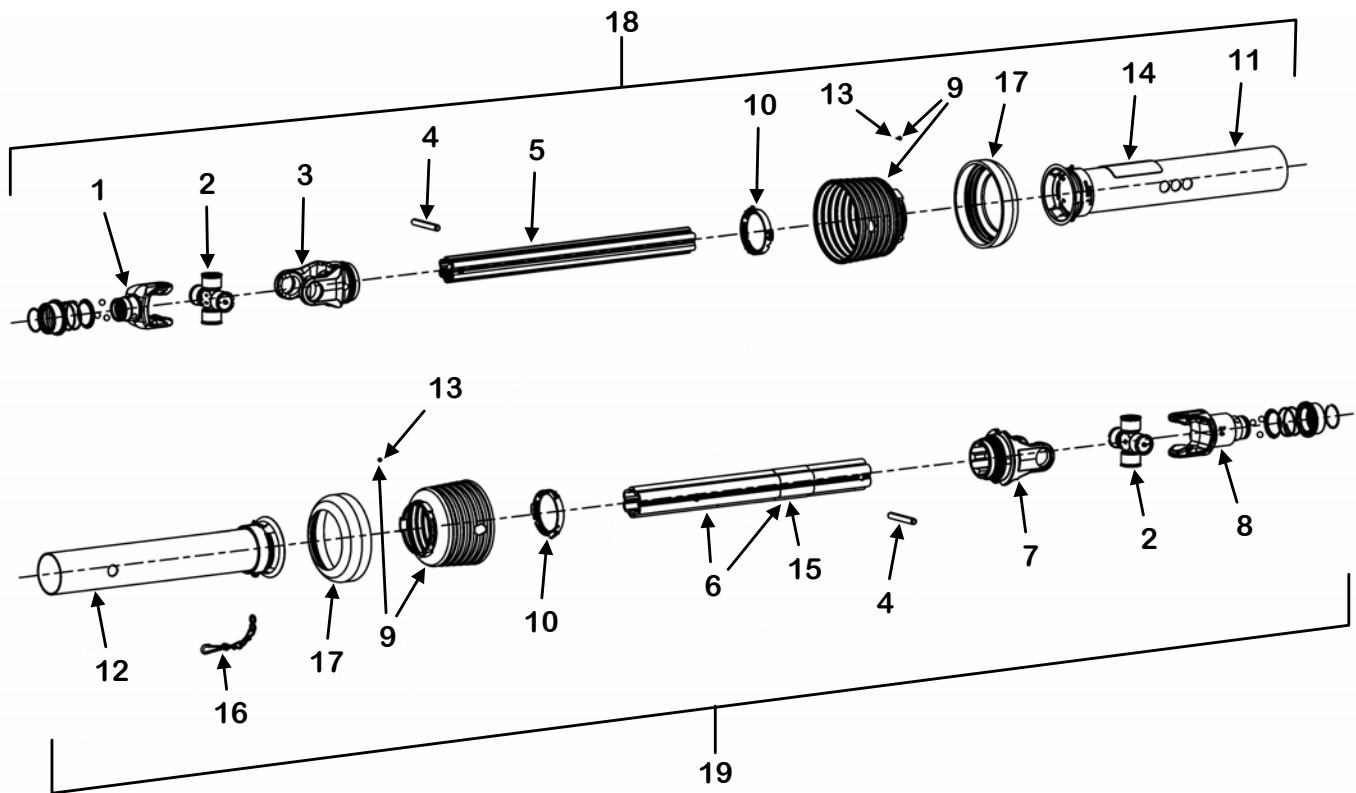
# 9724 ATTACHMENT PTO



618-0201

| KEY | PART NUMBER    | QTY | DESCRIPTION                    |
|-----|----------------|-----|--------------------------------|
| 0   | 618-0201       | 1   | Complete PTO                   |
| 1   | 618-0201-1-1   | 1   | Yoke 1-3/4"-20 Spline ASG      |
| 2   | 618-0201-1-2   | 2   | Cross & Bearing Kit            |
| 3   | 618-0202-2-5   | 2   | Spring Pin, 10 x 90            |
| 4   | 618-0202-2-2   | 1   | Inboard Yoke S4                |
| 5   | 618-0201-1-3   | 1   | Inner Profile S4GA             |
| 6   | 618-0201-2-1   | 1   | Outer Profile S5G              |
| 7   | 618-0201-2-2   | 1   | Inboard Yoke S5                |
| 8   | 618-0201-2-3   | 1   | Overrunning Clutch             |
| 9   | 618-0201-2-4   | 2   | Guard Cone 7 Rib               |
| 10  | 618-0201-1-4   | 1   | Guard Tube Outer               |
| 11  | 618-0201-1-5   | 1   | Guard Tube Inner               |
| 12  | 918-0208-2-4   | 2   | Bearing Ring SC25              |
| 13  | 918-0208-2-7   | 1   | Restraint Chain                |
| 14  | 918-0208-2-9   | 2   | Screw (In Item 9)              |
| 15  | 918-0208-2-8   | 1   | Decal Outer (In Item 10)       |
| 16  | 918-0208-1-10  | 1   | Decal Inner (In Item 6)        |
| 17  | 618-0202-2-8   | 2   | Reinforcing Collar             |
| 18  | 918-0210-1-1-1 | 1   | ASG Collar Kit (In Item 1 & 8) |
| 19  | 618-0201-1     | 1   | PTO Tractor Half               |
| 20  | 618-0201-2     | 1   | PTO Implement Half             |
| 21  | 618-0201-2-3-1 | 1   | Clutch Housing                 |
| 22  | 618-0004-1-2   | 1   | Hub                            |
| 23  | 18-0119-1-1-2  | 2   | Key                            |
| 24  | 18-0119-1-1-1  | 2   | Leaf Spring                    |
| 25  | 618-0004-1-3   | 2   | Supporting Ring                |
| 26  | 18-0119-1-1-6  | 1   | Retaining Ring                 |
| 27  | 618-0004-1-4   | 3   | Ball                           |
| 28  | 618-0004-1-1   | 1   | ASG Collar - C Size            |
| 29  | 618-0004-1-5   | 1   | Snap Ring                      |
| 30  | 918-0208-1-2   | 1   | Zerk (In Item 21)              |

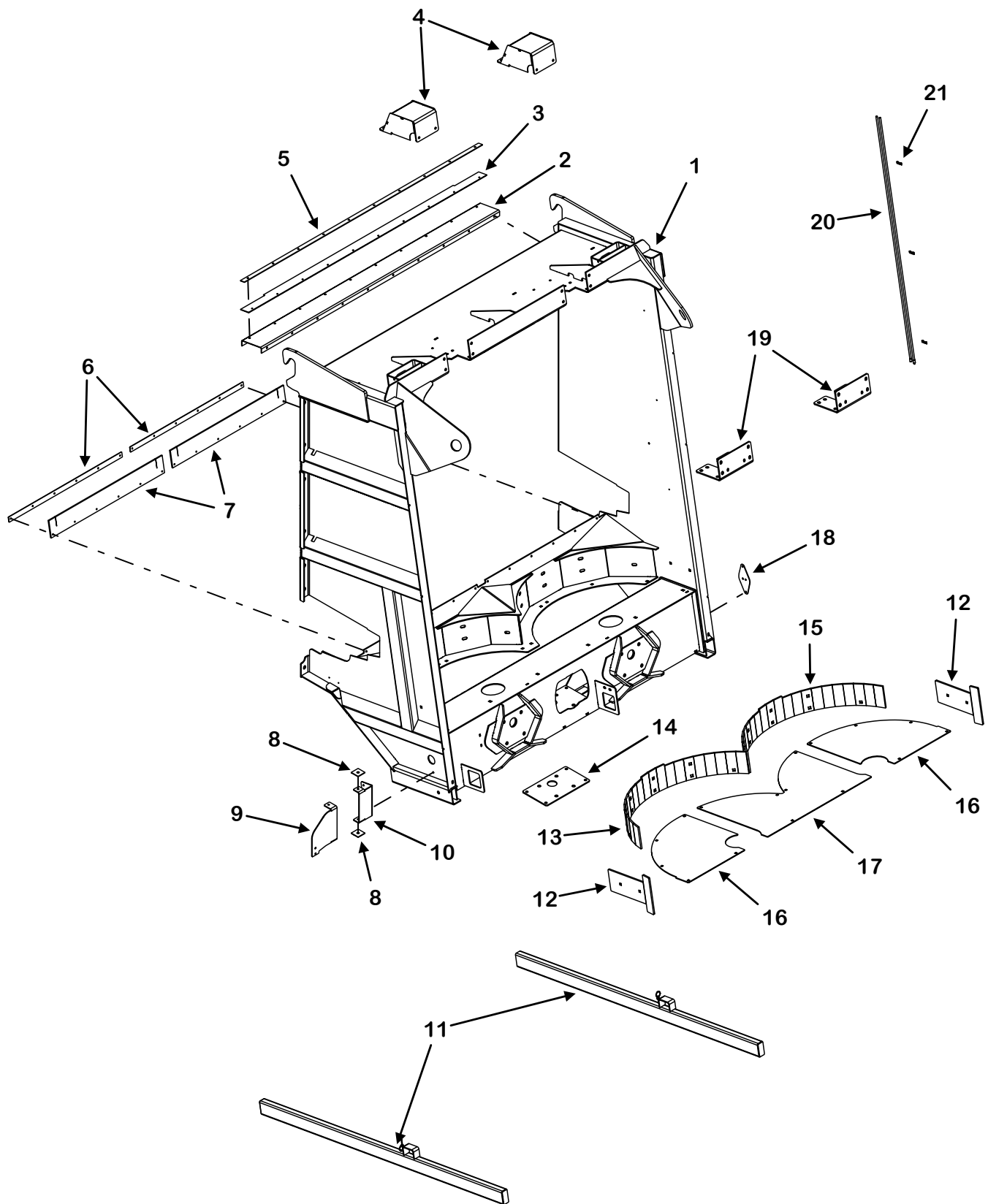
# 9728 / 9732 ATTACHMENT PTO



118-VM-0005-2600

| KEY | PART NUMBER        | QTY | DESCRIPTION         |
|-----|--------------------|-----|---------------------|
| 0   | 118-VM-0005-2600   | 1   | Complete PTO        |
| 1   | 118-2600-25        | 1   | Yoke                |
| 2   | 118-2600-26        | 2   | Cross & Bearing Kit |
| 3   | 118-2600-27        | 1   | Inboard Yoke        |
| 4   | 118-2600-16        | 2   | Spring Pin          |
| 5   | 118-2600-28        | 1   | Inner Profile       |
| 6   | 118-2600-29        | 1   | Outer Profile       |
| 7   | 118-2600-30        | 1   | Inboard Yoke        |
| 8   | 118-2600-31        | 1   | Overrunning Clutch  |
| 9   | 118-2600-32        | 2   | Guard Cone          |
| 10  | 118-2600-33        | 2   | Bearing Ring        |
| 11  | 118-2600-34        | 1   | Guard Tube Outer    |
| 12  | 118-2600-35        | 1   | Guard Tube Inner    |
| 13  | 918-0208-2-9       | 2   | Screw               |
| 14  | 918-0208-2-8       | 1   | Decal Outer         |
| 15  | 918-0208-1-10      | 1   | Decal Inner         |
| 16  | 918-0208-2-7       | 1   | Restraint Chain     |
| 17  | 118-2600-36        | 2   | Reinforcing Collar  |
| 18  | 118-VM-0005-2600-1 | 1   | Spreader PTO Half   |
| 19  | 118-VM-0005-2600-2 | 1   | Attachment PTO Half |

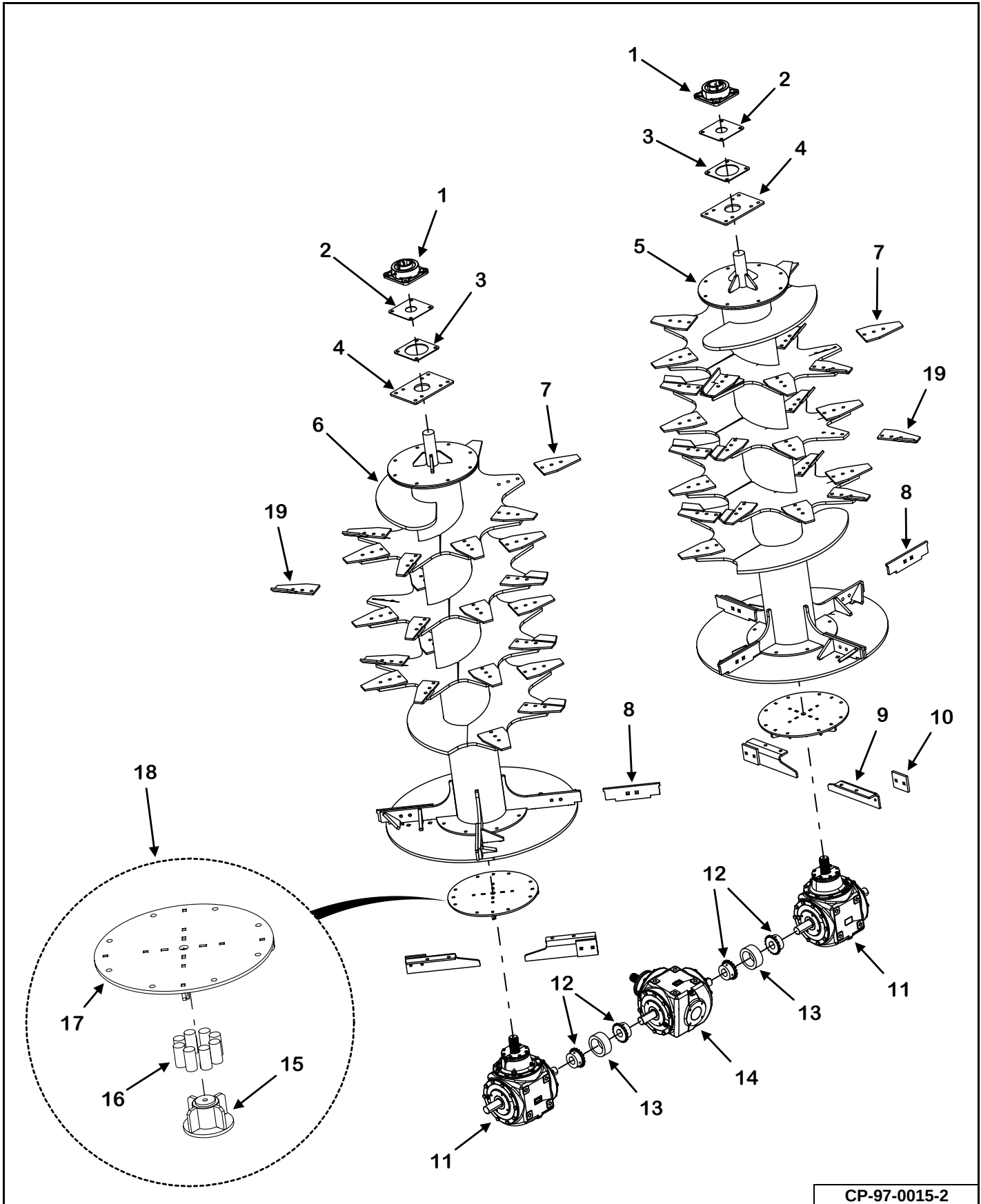
# FPX200 ATTACHMENT BODY & SHIELDS



CP-97-0015-1

| KEY | PART NUMBER  | QTY | DESCRIPTION                                         |
|-----|--------------|-----|-----------------------------------------------------|
| 1   | 601-0591     | 1   | Frame Subweldment                                   |
| 2   | 601-0675-1   | 1   | Seal Plate                                          |
|     | 601-0675     | 1   | Attachment Seal Assembly (Includes Key #s 2, 3 & 5) |
| 3   | 649-0072     | 1   | Seal                                                |
|     | 601-0675     | 1   | Attachment Seal Assembly (Includes Key #s 2, 3 & 5) |
| 4   | 601-0731     | 2   | Bearing Cover Weldment                              |
| 5   | 601-0675-3   | 1   | Retainer                                            |
|     | 601-0675     | 1   | Attachment Seal Assembly (Includes Key #s 2, 3 & 5) |
| 6   | 601-0588-14  | 2   | Belt Backer                                         |
| 7   | 649-0056     | 2   | Spinner Box Belt Seal                               |
| 8   | M9-1-8-0004  | 2   | Rubber Washer                                       |
| 9   | 601-0590-9   | 1   | Plate                                               |
| 10  | 601-0590-8   | 1   | Plate                                               |
| 11  | 601-0594     | 2   | Attachment Leg Weldment                             |
|     | 823-0003     | 2   | Lynch Pin                                           |
| 12  | 601-0588-13  | 2   | Spinner Disc Side Wear Plate                        |
| 13  | 601-0588-3   | 1   | Wear Ring Mount                                     |
| 14  | 601-0752-13  | 1   | Plate                                               |
| 15  | 601-0588-4   | 1   | Wear Ring Mount                                     |
| 16  | 601-0588-12  | 2   | Floor Plate                                         |
| 17  | 601-0588-11  | 1   | Floor Plate                                         |
| 18  | 601-0589-15  | 1   | Grease Line Holder                                  |
| 19  | 601-0587-7   | 2   | Plate                                               |
| 20  | See Page 144 | 2   | 72" Grease Pipe                                     |
| 21  | 632-0002     | 3   | 2-Channel Metal Strap                               |

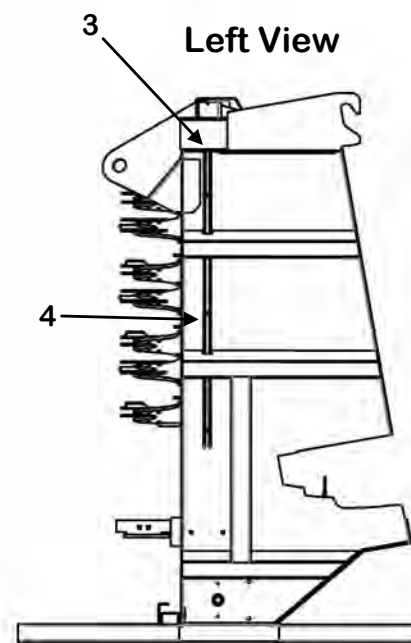
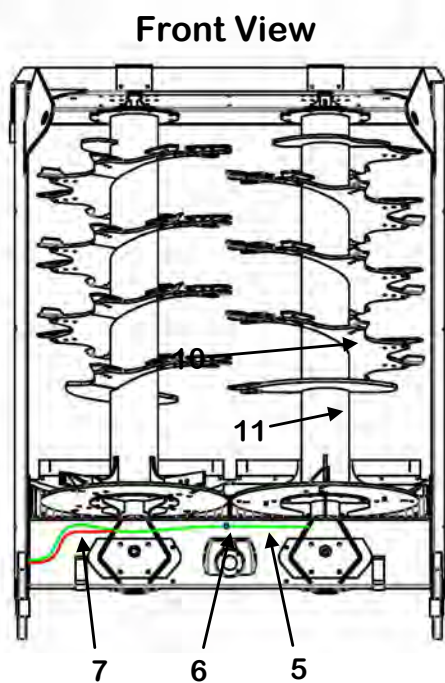
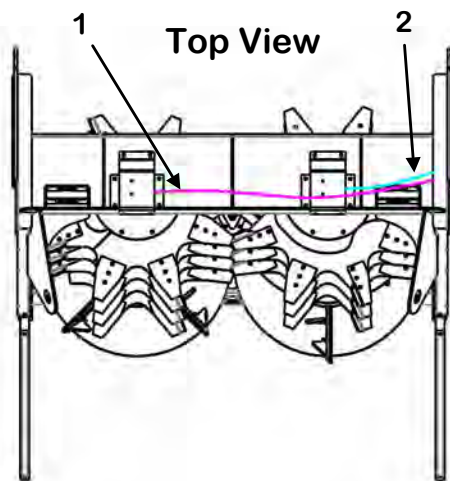
# FPX200 ATTACHMENT SPINNERS & DRIVELINE



CP-97-0015-2

| KEY | PART NUMBER        | QTY    | DESCRIPTION                                                    |
|-----|--------------------|--------|----------------------------------------------------------------|
| 1   | 914-3845           | 2      | 2-1/2" 4-Bolt Flange Bearing                                   |
| 2   | 649-0084           | 2      | Trash Guard                                                    |
| 3   | 914-3837-NS        | 2      | Rubber Bearing Backer                                          |
| 4   | 601-0587-6         | 2      | Bearing Doubler Plate                                          |
| 5   | 601-0582           | 1      | Right Expeller Weldment                                        |
|     | 601-0583           | 1      | Right Expeller Assembly (Includes Key #s 7, 8, 9, 10, 18 & 19) |
| 6   | 601-0584           | 1      | Left Expeller Weldment                                         |
|     | 601-0585           | 1      | Left Expeller Assembly (Includes Key #s 7, 8, 9, 10, 18 & 19)  |
| 7   | 601-0585-1         | 16 Per | Flat Expeller Tooth                                            |
| 8   | 601-0583-1         | 4 Per  | Reversible Expeller Paddle                                     |
| 9   | 601-0583-3         | 2 Per  | Lower Scraper                                                  |
| 10  | 601-0583-4         | 2 Per  | Wear Plate                                                     |
| 11  | See Page 148       | 2      | Spinner Gearbox                                                |
| 12  | 937-0010-1-HT      | 4      | 60B18 1-3/4" Bore Coupler Sprocket                             |
| 13  | 111-0060-18-CC-UST | 2      | Chain Coupler With Connector Pin & Snap Plate                  |
| 14  | See Page 146       | 1      | Center Gearbox                                                 |
| 15  | 637-0002           | 1 Per  | Lower Coupling Weldment                                        |
| 16  | 637-0004           | 8 Per  | Amber Coupling Rod                                             |
| 17  | 601-0592           | 1 Per  | Expeller Mount Weldment                                        |
| 18  | 601-0593           | 1 Per  | Expeller Mount Assembly                                        |
| 19  | 601-0585-2         | 12 Per | Bent Expeller Tooth                                            |

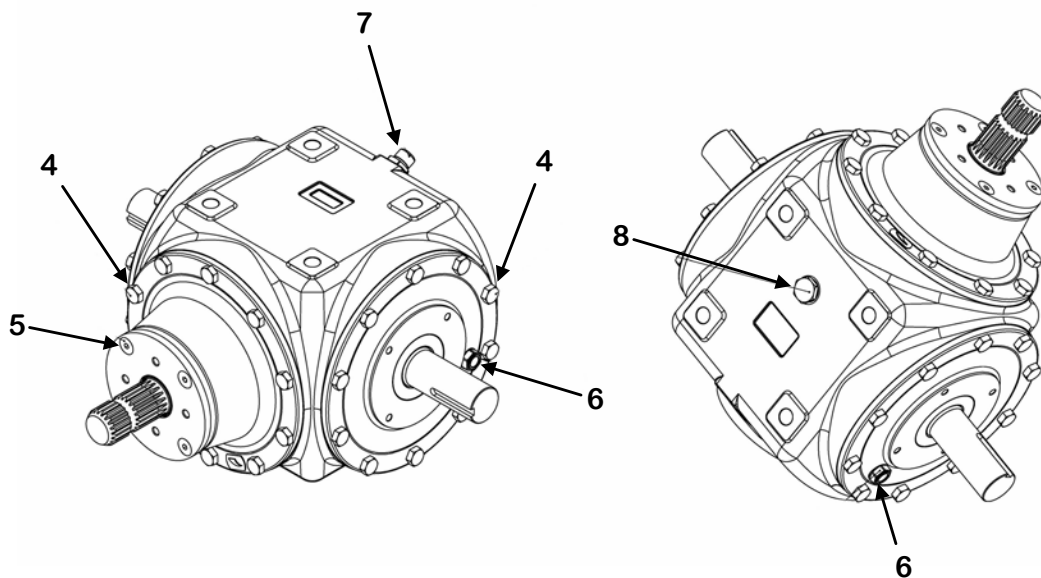
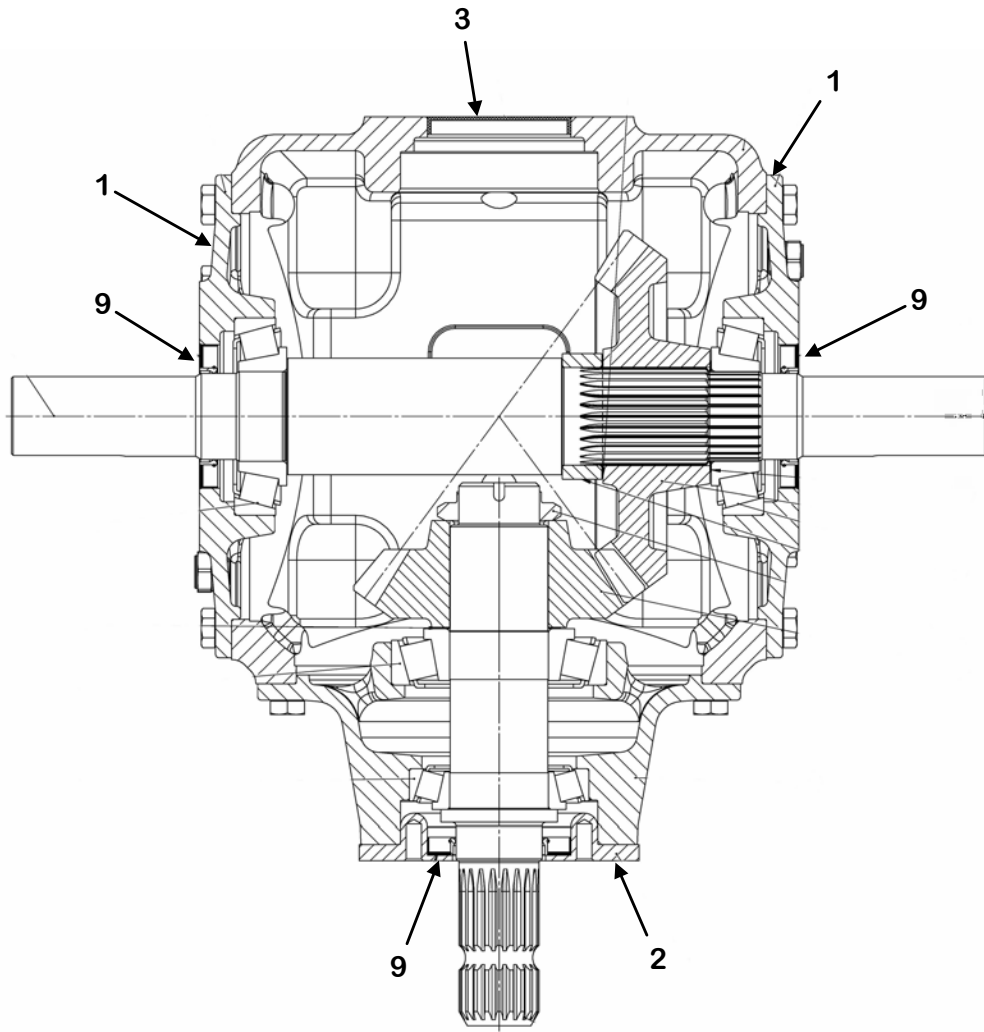
## FPX200 ATTACHMENT GREASE HOSES



CP-97-0016-1

| KEY | PART NUMBER   | QTY | DESCRIPTION                     |
|-----|---------------|-----|---------------------------------|
| 1   | 155-02-68-2   | 1   | 1/8" x 68" Grease Hose          |
| 2   | 155-02-22-2   | 1   | 1/8" x 22" Grease Hose          |
| 3   | 633-0002      | 2   | 1/8" Pipe 90° Elbow             |
| 4   | 633-0001      | 2   | 1/8" x 72" Grease Pipe          |
|     | 30-0009       | 2   | 1/8" NPT x 3/4" Coupler         |
|     | 30-0007       | 2   | 1/8" NPT 45° Zerk               |
| 5   | 155-02-68-1   | 1   | 1/8" x 68" Grease Hose          |
|     | 155-2GK-NUT   | 1   | Grease Nut                      |
|     | 30-0001       | 1   | 1/4"-28 Straight Grease Fitting |
| 6   | 32-0024       | 1   | 3/8" Loom Clamp                 |
|     | 851-2520-.75Z | 1   | 1/4"-20 x 3/4" Hex Bolt         |
|     | 815-2520-Z    | 1   | 1/4"-20 Nylon Lock Nut          |
| 7   | 155-02-40-1   | 1   | 1/8" x 40" Grease Hose          |
|     | 155-2GK-NUT   | 1   | Grease Nut                      |
|     | 30-0001       | 1   | 1/4"-28 Straight Grease Fitting |

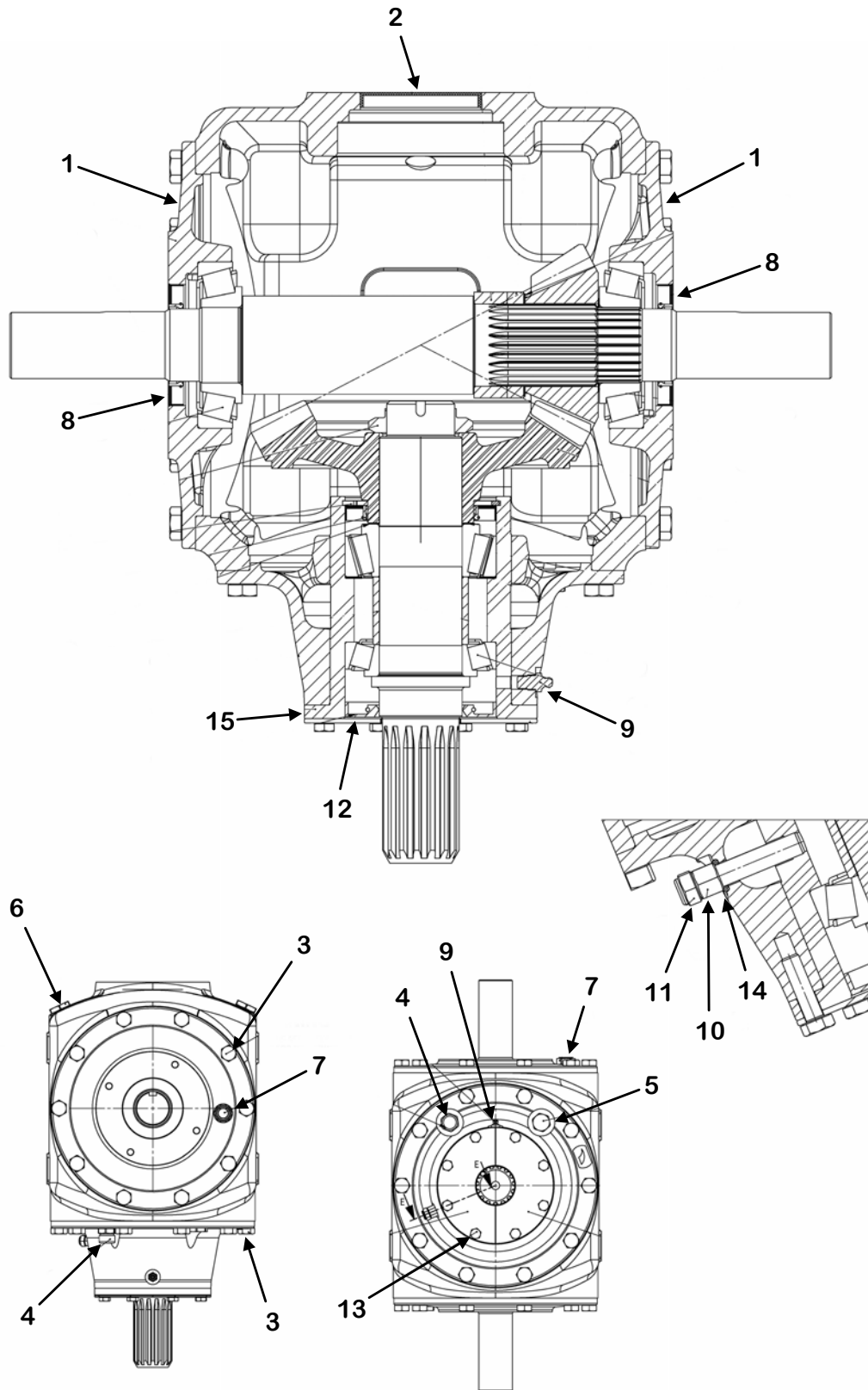
## ATTACHMENT CENTER GEARBOX



619-0023

| KEY | PART NUMBER | QTY | DESCRIPTION                   |
|-----|-------------|-----|-------------------------------|
| 0   | 619-0023    | 1   | Center Gearbox (1.35:1 Ratio) |
| 1   | 119-B-106   | 2   | Closing Top                   |
| 2   | 119-B-107   | 1   | Flange                        |
| 3   | 119-B-59    | 1   | Closing Cap                   |
| 4   | 119-B-06    | 30  | Bolt                          |
| 5   | 119-B-108   | 4   | Bolt                          |
| 6   | 119-B-58    | 2   | See-Through Plug              |
| 7   | 119-B-109   | 1   | Breather Plug                 |
| 8   | 119-B-110   | 1   | Level/Drain Plug              |
| 9   | 119-B-111   | 3   | Double Dust Lip Seal          |

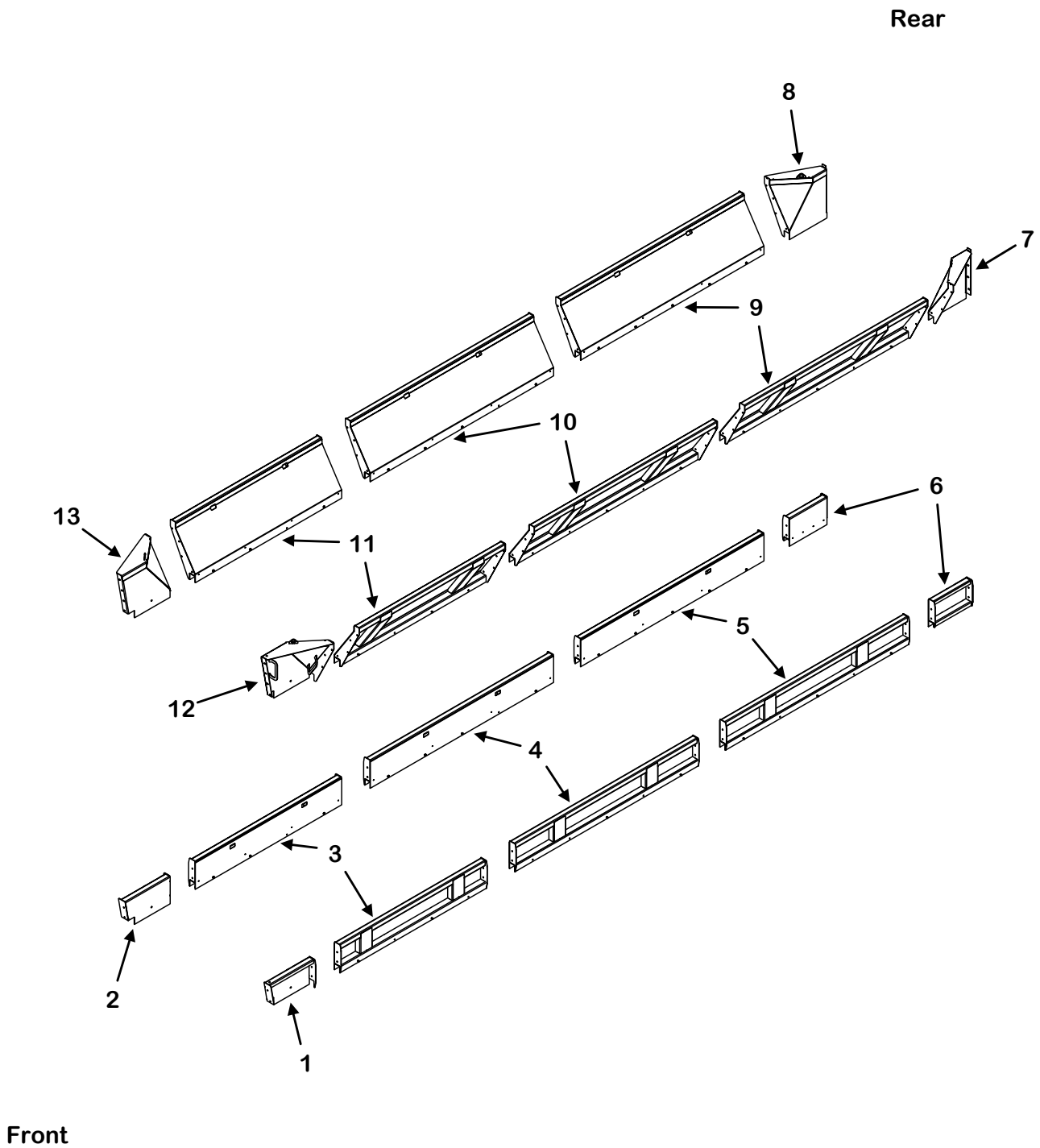
# ATTACHMENT SPINNER GEARBOX



619-0024

| KEY | PART NUMBER | QTY | DESCRIPTION                    |
|-----|-------------|-----|--------------------------------|
| 0   | 619-0024    | 2   | Spinner Gearbox (1.93:1 Ratio) |
| 1   | 119-B-106   | 2   | Closing Top                    |
| 2   | 119-B-59    | 1   | Closing Cap                    |
| 3   | 119-B-06    | 30  | Bolt                           |
| 4   | 119-B-03    | 1   | Breather Plug                  |
| 5   | 119-B-02    | 2   | Level/Drain Plug               |
| 6   | 119-B-110   | 2   | Level/Drain Plug               |
| 7   | 119-B-58    | 1   | See-Through Plug               |
| 8   | 119-B-111   | 2   | Double Dust Lip Seal Ring      |
| 9   | 119-B-112   | 1   | Grease Straight Nipple         |
| 10  | 119-B-113   | 1   | Extension With Breather        |
| 11  | 119-B-114   | 1   | Breather Plug                  |
| 12  | 119-B-115   | 1   | Double Dust Lip Seal Ring      |
| 13  | 119-B-116   | 8   | Hex Head Screw                 |
| 14  | 119-B-117   | 1   | O-Ring                         |
| 15  | 119-B-118   | 1   | Cover                          |

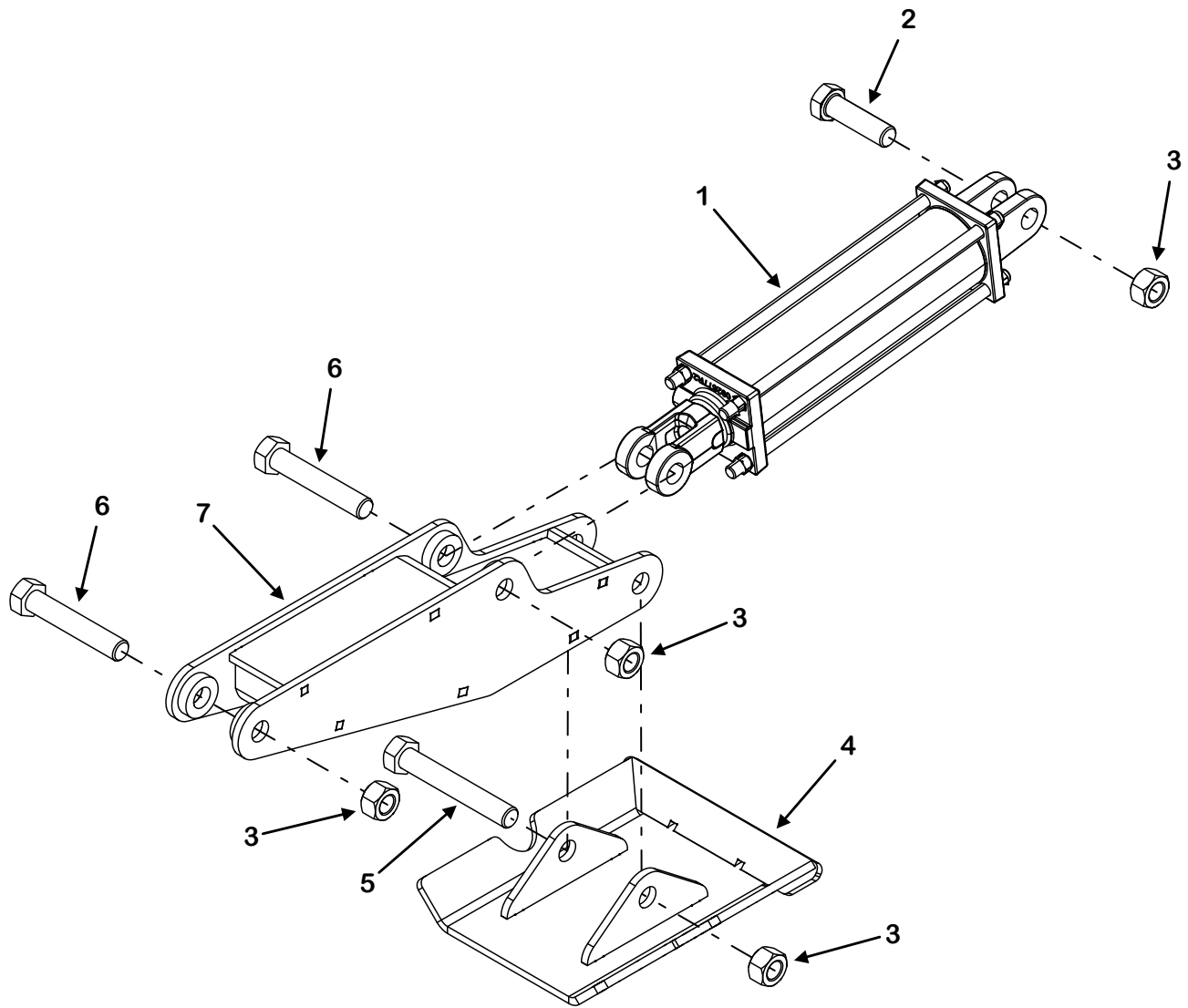
## SILAGE KIT EXTENSIONS



CP-97-0017-1

| KEY | PART NUMBER  | QTY | DESCRIPTION                                   | MODEL      |
|-----|--------------|-----|-----------------------------------------------|------------|
| 0   | 9700-1224-SE | 1   | 12" Straight Extension Kit                    | 9724       |
|     | 9700-2424-FE | 1   | 24" Flared Extension Kit                      | 9724       |
|     | 9700-1228-SE | 1   | 12" Straight Extension Kit                    | 9728       |
|     | 9700-2428-FE | 1   | 24" Flared Extension Kit                      | 9728       |
|     | 9700-1232-SE | 1   | 12" Straight Extension Kit                    | 9732       |
|     | 9700-2432-FE | 1   | 24" Flared Extension Kit                      | 9732       |
| 1   | 601-0711     | 1   | Front Left Straight Extension Panel Weldment  | All Models |
| 2   | 601-0710     | 1   | Front Right Straight Extension Panel Weldment | All Models |
| 3   | 601-0720     | 2   | Straight Extension Panel Weldment             | 9724       |
|     | 601-0729     | 2   | Straight Extension Panel Weldment             | 9728       |
|     | 601-0707     | 2   | Straight Extension Panel Weldment             | 9732       |
| 4   | 601-0705     | 2   | Straight Extension Panel Weldment             | 9728/9732  |
| 5   | 601-0705     | 2   | Straight Extension Panel Weldment             | All Models |
| 6   | 601-0709     | 2   | Rear Straight Extension Panel Weldment        | All Models |
| 7   | 601-0645     | 1   | Rear Left Flared Extension Panel Weldment     | All Models |
| 8   | 601-0646     | 1   | Rear Right Flared Extension Panel Weldment    | All Models |
| 9   | 601-0644     | 2   | Flared Extension Panel Weldment               | All Models |
| 10  | 601-0727     | 2   | Flared Extension Panel Weldment               | 9728       |
|     | 601-0644     | 2   | Flared Extension Panel Weldment               | 9732       |
| 11  | 601-0718     | 2   | Flared Extension Panel Weldment               | 9724       |
|     | 601-0644     | 2   | Flared Extension Panel Weldment               | 9728       |
|     | 601-0684     | 2   | Flared Extension Panel Weldment               | 9732       |
| 12  | 601-0647     | 1   | Front Left Flared Extension Panel Weldment    | All Models |
| 13  | 601-0648     | 1   | Front Right Flared Extension Panel Weldment   | All Models |

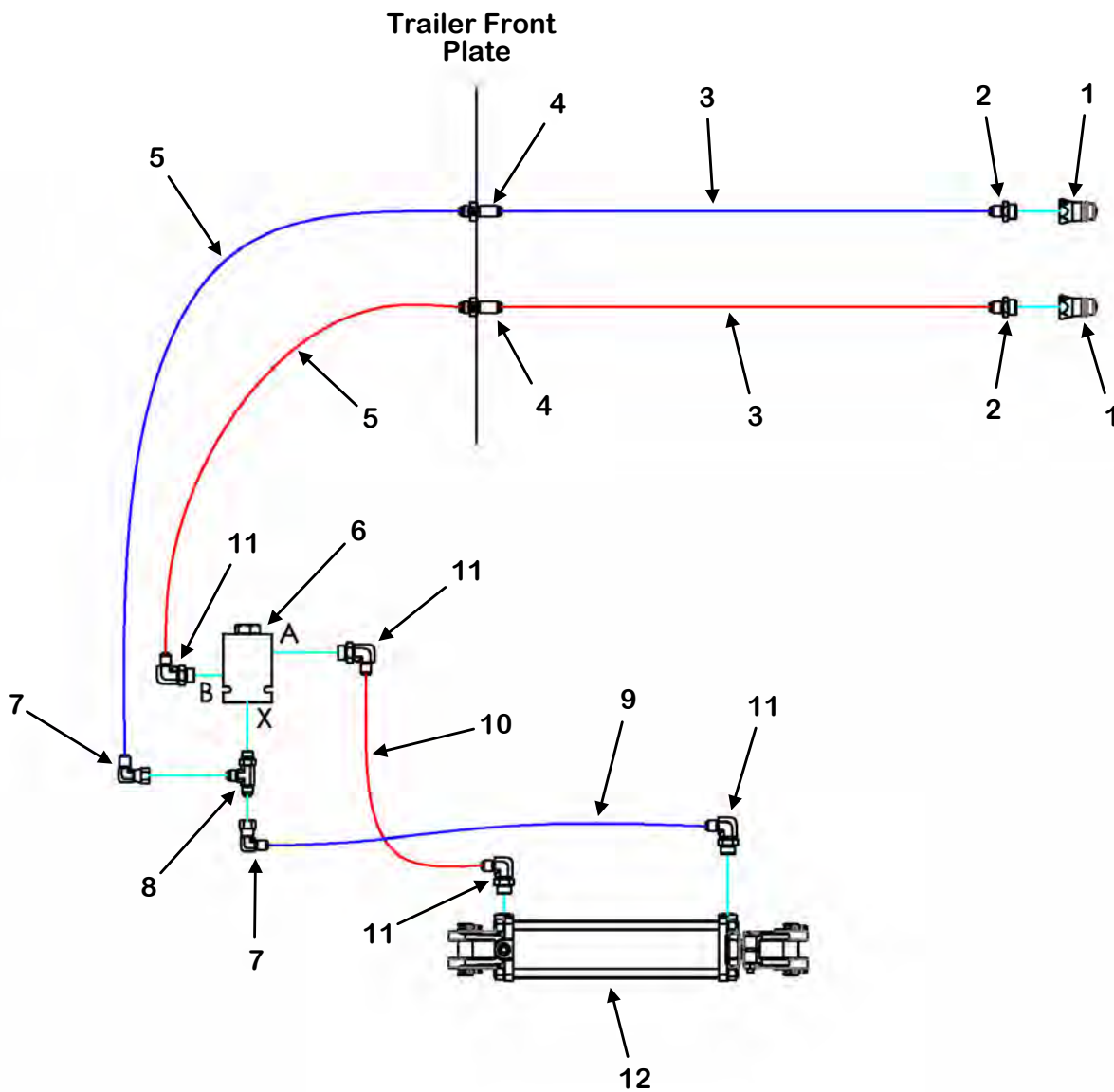
## HYDRAULIC JACK



CP-97-0019-1

| KEY | PART NUMBER   | QTY | DESCRIPTION                              | MODEL      |
|-----|---------------|-----|------------------------------------------|------------|
| 1   | See Page 154  | 1   | 3-1/2" x 12" x 1-1/4" Hydraulic Cylinder | All Models |
| 2   | 851-1008-3.5Z | 1   | 1"-08 x 3-1/2" Hex Cap Screw             | All Models |
| 3   | 814-1008-Z    | 4   | 1"-08 Center Lock Nut                    | All Models |
| 4   | 601-0758      | 1   | Jack Pad Weldment                        | All Models |
| 5   | 851-1008-6.5Z | 1   | 1"-08 x 6-1/2" Hex Cap Screw             | All Models |
| 6   | 851-1008-5.5Z | 2   | 1"-08 x 5-1/2" Hex Cap Screw             | All Models |
| 7   | 601-0757      | 1   | Jack Arm Weldment                        | All Models |

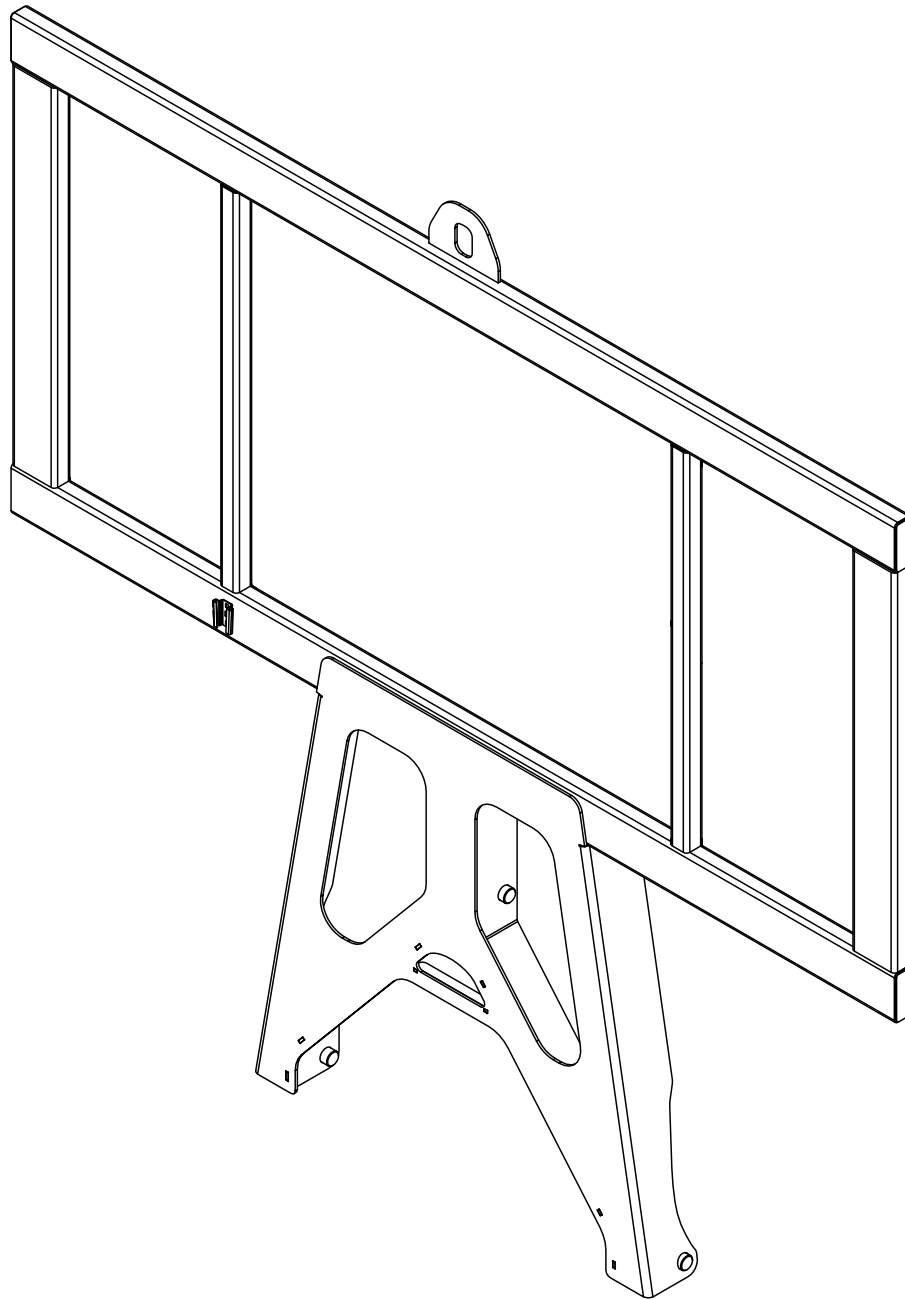
# HYDRAULIC JACK HOSES



CP-97-0020-1

| KEY | PART NUMBER       | QTY | DESCRIPTION                              |
|-----|-------------------|-----|------------------------------------------|
| 1   | 155-8010-15       | 2   | 1/2" Body Male Tip                       |
| 2   | 155-6400-6-8      | 2   | Straight Adapter                         |
| 3   | 155-04R17-139-1   | 2   | 1/4" x 139" Hose Assembly                |
| 4   | 155-2700-LN-06-06 | 2   | Straight Bulkhead Coupler                |
| 5   | 155-04R17-96-2    | 2   | 1/4" x 96" Hose Assembly                 |
| 6   | 55-0420           | 1   | Pilot-To-Open Check Valve                |
| 7   | 155-6500-06-06    | 2   | 90° Elbow                                |
| 8   | 155-6804-06-06-06 | 1   | Tee Fitting                              |
| 9   | 155-04R17-24-1    | 2   | 1/4" x 24" Hose Assembly                 |
| 10  | 155-04R17-11-1    | 2   | 1/4" x 11" Hose Assembly                 |
| 11  | 155-6801-6-8      | 4   | 90° Elbow                                |
| 12  | 155-3.5-12-1.25-2 | 1   | 3-1/2" x 12" x 1-1/4" Hydraulic Cylinder |

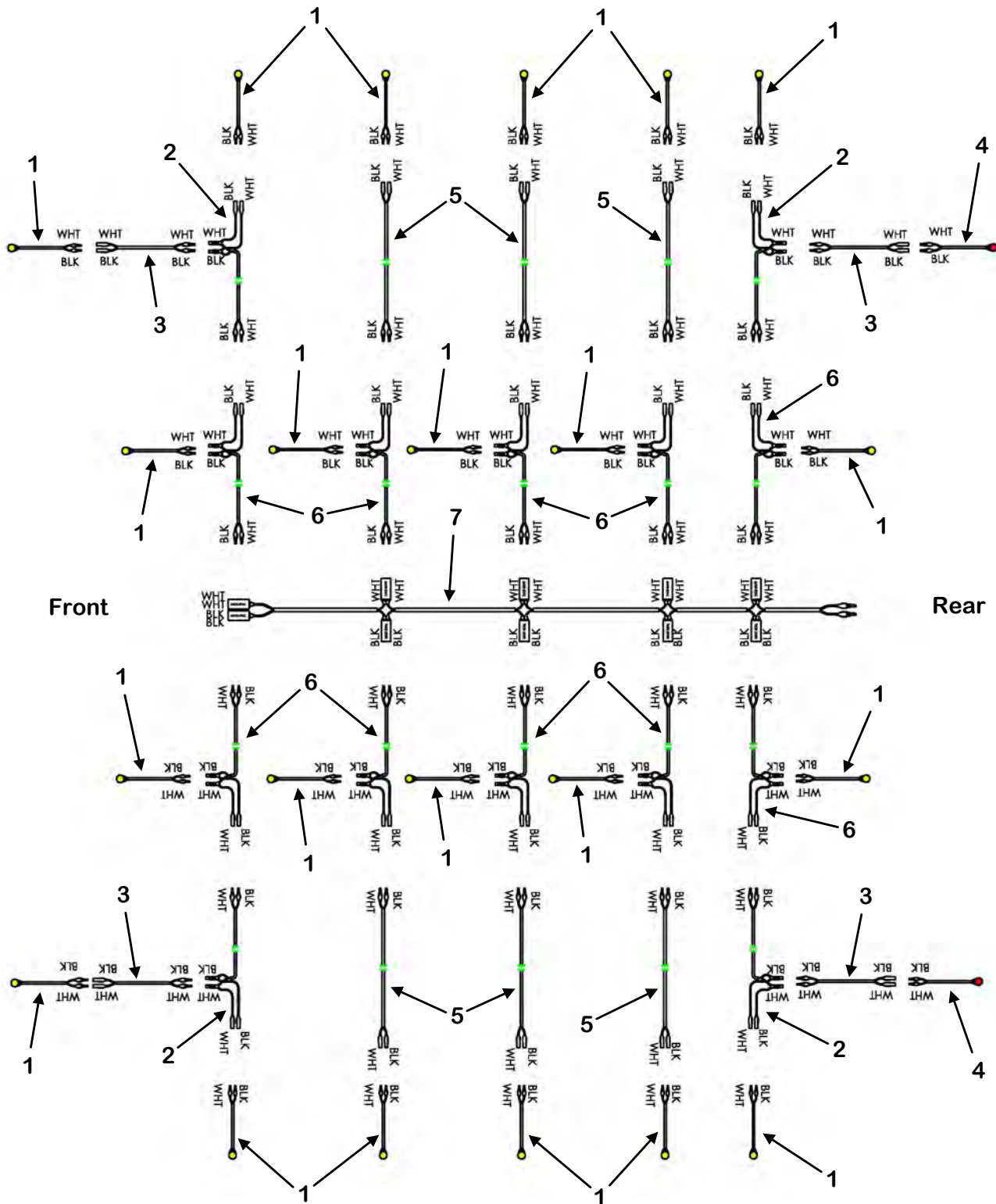
## ROCK GUARD



CP-97-0028-1

| KEY | PART NUMBER | QTY | DESCRIPTION         | MODEL      |
|-----|-------------|-----|---------------------|------------|
| 0   | 601-0767    | 1   | Rock Guard Weldment | All Models |

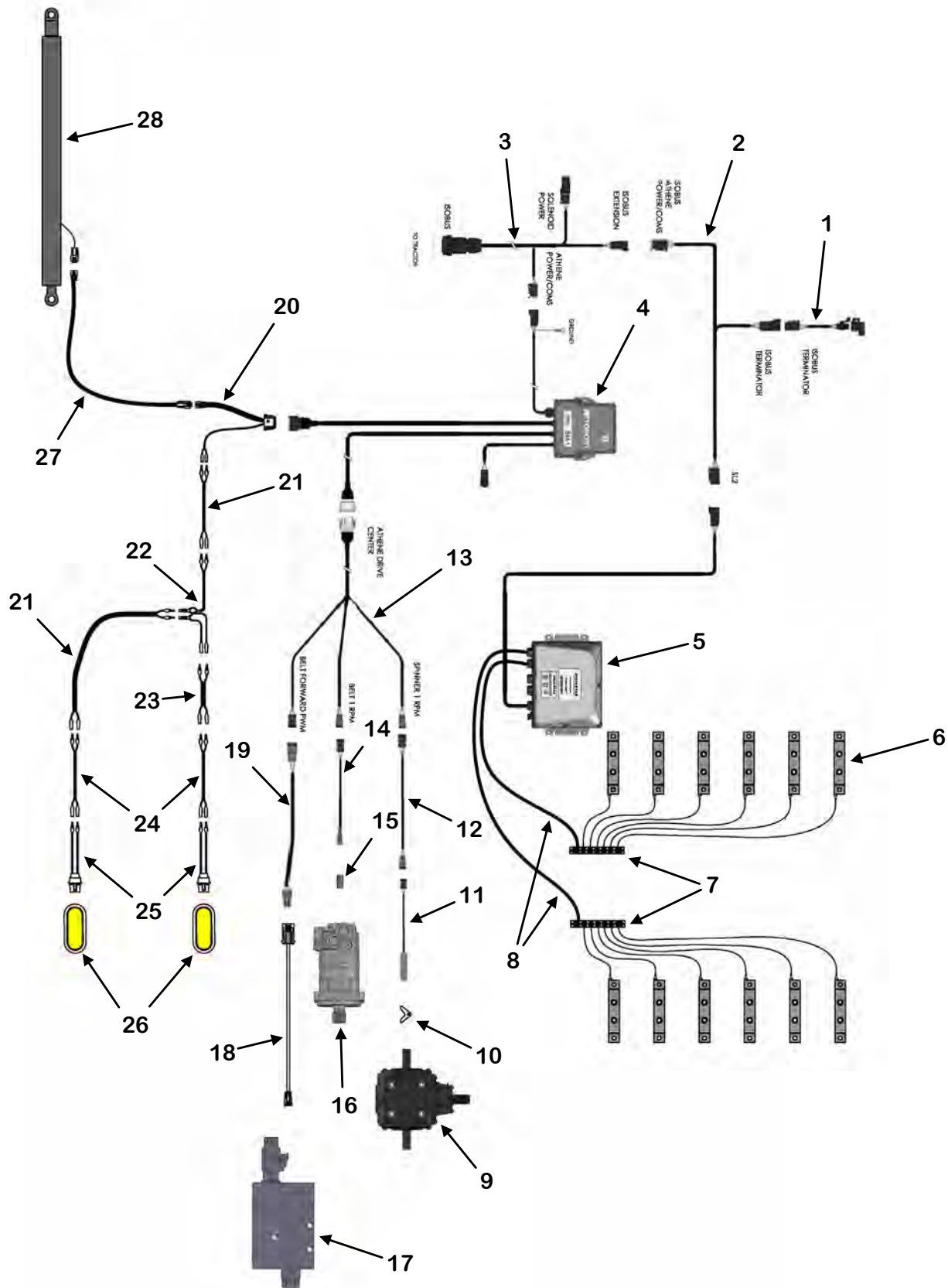
# 10 LIGHT AG PACK



CP-97-0021-1

| KEY | PART NUMBER | QTY | DESCRIPTION                    | MODEL      |
|-----|-------------|-----|--------------------------------|------------|
| 1   | 56-0111-BT  | 22  | Flat 1-Diode Amber LED Light   | All Models |
| 2   | 56-0311     | 4   | 48" Maxi-Seal Double Extension | All Models |
| 3   | 56-0259     | 4   | 32" Maxi-Seal Single Extension | All Models |
| 4   | 56-0112-BT  | 2   | Flat 1-Diode Red LED Light     | All Models |
| 5   | 56-0325     | 6   | 48" Maxi-Seal Single Extension | All Models |
| 6   | 56-0312     | 10  | 72" Maxi-Seal Double Extension | All Models |
| 7   | 56-0270     | 1   | Maxi-Seal Harness              | 9724       |
|     | 56-0253     | 1   | Maxi-Seal Harness              | 9728       |
|     | 56-0251     | 1   | Maxi-Seal Harness              | 9732       |

# ATHENE SYSTEM



CP-97-0026-1

| KEY | PART NUMBER        | QTY | DESCRIPTION                              | MODEL      |
|-----|--------------------|-----|------------------------------------------|------------|
| 1   | 58-1030682-01      | 1   | ISOBUS Terminator                        | All Models |
| 2   | 58-1030681-01      | 1   | SL2 Interface Y-Harness                  | All Models |
| 3   | 58-1018208-01      | 1   | Athene Power/Coms                        | All Models |
| 4   | 58-1013105-01      | 1   | Athene Controller                        | All Models |
| 5   | 58-410618          | 1   | Athene SL2210                            | All Models |
| 6   | 58-0053-DG         | 8   | Flat Weigh Bar                           | 9724       |
|     | 58-0053-DG         | 10  | Flat Weigh Bar                           | 9728       |
|     | 58-0053-DG         | 12  | Flat Weigh Bar                           | 9732       |
| 7   | 58-50040-0015      | 2   | 6-Weigh Bar Junction Box                 | All Models |
| 8   | 58-0015-2          | 2   | 5-Pin Military To Bare Lead Harness      | All Models |
| 9   | See Page 148       | 2   | Spinner Gearbox                          | All Models |
| 10  | 58-0016-410521-8   | 1   | Magnet (Optional)                        | All Models |
| 11  | 58-0016-410521-7-1 | 1   | Sensor With 10' Cable (Optional)         | All Models |
| 12  | 58-0016-410521-7-2 | 1   | 26' Spinner Extension Harness (Optional) | All Models |
| 13  | 58-1036142-01      | 1   | Athene Single System Harness             | All Models |
| 14  | 58-411871          | 1   | Belt RPM Extension                       | All Models |
| 15  | 655-0001-SS-3      | 1   | Speed Sensor                             | All Models |
| 16  | See Page 122       | 1   | Apron Hydraulics                         | 9724       |
|     | See Page 124       | 1   | Apron Hydraulics                         | 9728/9732  |
| 17  | See Page 122       | 1   | Apron Hydraulics                         | 9724       |
|     | See Page 124       | 1   | Apron Hydraulics                         | 9728/9732  |
| 18  | 56-0494            | 1   | Flow Control Adapter                     | All Models |
| 19  | 58-411870          | 1   | Belt Forward PWM Extension               | All Models |
| 20  | 56-0602            | 1   | Beacon/Gate Y-Harness                    | All Models |
| 21  | 56-0325            | 2   | 48" Single Harness (Optional)            | All Models |
| 22  | 56-0243            | 1   | 110" Double Harness (Optional)           | All Models |
| 23  | 56-0258            | 1   | 16" Single Harness (Optional)            | All Models |
| 24  | 56-0241            | 2   | 98" Single Harness (Optional)            | All Models |
| 25  | 56-0199            | 2   | AMP To Bullet Harness (Optional)         | All Models |
| 26  | 56-0081-AMP        | 2   | Amber Light (Optional)                   | All Models |
| 27  | 56-0603            | 1   | Gate Indicator Harness (Optional)        | All Models |
| 28  | 155-2.5-72-1.5-2   | 1   | Cylinder With Sensor (Optional)          | All Models |



# 11.0 SPECIFICATIONS

| SPREADER DIMENSIONS / SPECIFICATIONS     |                                  |                                  |                                  |
|------------------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MODEL:                                   | 9724 Tandem                      | 9728 Tridem                      | 9728 Quad                        |
| Box Inside Length                        | 24'                              | 28'                              | 28'                              |
| Overall Length                           | 32' 5" w/SSTS32                  | 36' 5" w/SSTS48                  | 36' 5" w/SSTS64                  |
| Inside Width                             | 90-3/4"                          | 90-3/4"                          | 90-3/4"                          |
| Overall Width Box/Box w/ Standard Tires  | 104-1/2"/142-1/2" w/800/45Rx26.5 | 104-1/2"/142-1/2" w/800/45Rx26.5 | 104-1/2"/142-1/2" w/800/45Rx26.5 |
| Inside Height                            | 46"                              | 46"                              | 46"                              |
| Overall Height w/FPX200                  | 158.5" w/SSTS32 w/800/45Rx26.5   | 158.5" w/SSTS48 w/800/45Rx26.5   | 158.5" w/SSTS64 w/800/45Rx26.5   |
| Loading Height                           | 120.6" w/Trailer                 | 120.6" w/Trailer                 | 120.6" w/Trailer                 |
| Loading Height (12" Extensions)          | 132.6" w/Trailer                 | 132.6" w/Trailer                 | 132.6" w/Trailer                 |
| Loading Height (24" Extensions)          | 144.6" w/Trailer                 | 144.6" w/Trailer                 | 144.6" w/Trailer                 |
| Capacity-Struck/Heaped Std.              | 684/880 Cu. Ft                   | 800/1030 Cu. Ft                  | 800/1030 Cu. Ft                  |
| Capacity-Struck/Heaped 12" Ext.          | 866/1068 Cu. Ft                  | 1012/1248 Cu. Ft                 | 1012/1248 Cu. Ft                 |
| Capacity-Struck/Heaped 24" Ext.          | 1094/1360 Cu. Ft                 | 1280/1590 Cu. Ft                 | 1280/1590 Cu. Ft                 |
| Weight (Approx.) w/FPX200 w/o Extensions | 31,780 Lbs w/800/45Rx26.5        | 37,530 Lbs w/800/45Rx26.5        | 40,490 Lbs w/800/45Rx26.5        |
| Horse Power Required-Min.                | 275 HP                           | 350 HP                           | 350 HP                           |
| Apron Chains                             | 5/8" Log Chain 2-Aprons          | 5/8" Log Chain 2-Aprons          | 5/8" Log Chain 2-Aprons          |
| Slats Per Apron                          | 43/86 Per Box                    | 49/98 Per Box                    | 49/98 Per Box                    |
| Apron Drive                              | Single Hydraulic - Variable      | Dual Hydraulic - Variable        | Dual Hydraulic - Variable        |
| Reversing Apron / In-Cab                 | Standard                         | Standard                         | Standard                         |
| Floor                                    | Super Slide - Solid Poly         | Super Slide - Solid Poly         | Super Slide - Solid Poly         |
| Box Sides                                | Steel - 10 Gauge                 | Steel - 10 Gauge                 | Steel - 10 Gauge                 |
| High Rise Guillotine Tailgate            | Standard                         | Standard                         | Standard                         |
| Front 36" Guard/Deflector                | Standard                         | Standard                         | Standard                         |
| LED Rear Transport Lights                | Standard                         | Standard                         | Standard                         |
| Paint Color                              | Black                            | Black                            | Black                            |
| <b>OPTIONS</b>                           |                                  |                                  |                                  |
| Rear Attach FPX100/FPX200                | Optional                         | Optional                         | Optional                         |
| Capacity Extension 12" Straight          | Optional                         | Optional*                        | Optional                         |
| Capacity Extension 24" Flared            | Optional                         | Optional*                        | Optional                         |
| Scale Package - Variable Rate            | Athene Rate Controller           | Athene Rate Controller           | Athene Rate Controller           |
| Side Marker Clearance Light Pkg          | Optional                         | Optional                         | Optional                         |
| Hydraulic Jack                           | Optional                         | Optional                         | Optional                         |
| 3pt Mounted Debris Deflector             | Optional                         | Optional                         | Optional                         |
| *Do Not Exceed Tractor Drawbar Rating.   |                                  |                                  |                                  |

| <b>SPREADER DIMENSIONS / SPECIFICATIONS</b> |                                  |                                  |
|---------------------------------------------|----------------------------------|----------------------------------|
| MODEL:                                      | <b>9732 Tridem</b>               | <b>9732 Quad</b>                 |
| Box Inside Length                           | 32                               | 32'                              |
| Overall Length                              | 42' 5" w/SSTS48                  | 42' 5" w/SSTS64                  |
| Inside Width                                | 90-3/4"                          | 90-3/4"                          |
| Overall Width Box/Box w/ Standard Tires     | 104-1/2"/142-1/2" w/800/45Rx26.5 | 104-1/2"/142-1/2" w/800/45Rx26.5 |
| Inside Height                               | 46"                              | 46"                              |
| Overall Height w/FPX200                     | 158.5" w/SSTS48 w/800/45Rx26.5   | 158.5" w/SSTS64 w/800/45Rx26.5   |
| Loading Height                              | 120.6" w/Trailer                 | 120.6" w/Trailer                 |
| Loading Height (12" Extensions)             | 132.6" w/Trailer                 | 132.6" w/Trailer                 |
| Loading Height (24" Extensions)             | 144.6" w/Trailer                 | 144.6" w/Trailer                 |
| Capacity-Struck/Heaped Std.                 | 915/1,186 Cu. Ft                 | 915/1,186 Cu. Ft                 |
| Capacity-Struck/Heaped 12" Ext.             | 1158/1428 Cu. Ft                 | 1158/1428 Cu. Ft                 |
| Capacity-Struck/Heaped 24" Ext.             | 1465/1820 Cu. Ft                 | 1465/1820 Cu. Ft                 |
| Weight (Approx.) w/FPX200 w/o Extensions    | 39,950 Lbs w/800/45Rx26.5        | 42,910 Lbs w/800/45Rx26.5        |
| Horse Power Required-Min.                   | 375 HP                           | 375 HP                           |
| Apron Chains                                | 5/8" Log Chain 2-Aprons          | 5/8" Log Chain 2-Aprons          |
| Slats Per Apron                             | 55/110 Per Box                   | 55/110 Per Box                   |
| Apron Drive                                 | Dual Hydraulic - Variable        | Dual Hydraulic - Variable        |
| Reversing Apron / In-Cab                    | Standard                         | Standard                         |
| Floor                                       | Super Slide - Solid Poly         | Super Slide - Solid Poly         |
| Box Sides                                   | Steel - 10 Gauge                 | Steel - 10 Gauge                 |
| High Rise Guillotine Tailgate               | Standard                         | Standard                         |
| Front 36" Guard/Deflector                   | Standard                         | Standard                         |
| LED Rear Transport Lights                   | Standard                         | Standard                         |
| Paint Color                                 | Black                            | Black                            |
| <b>OPTIONS</b>                              |                                  |                                  |
| Rear Attach FPX100/FPX200                   | Optional                         | Optional                         |
| Capacity Extension 12" Straight             | Optional*                        | Optional                         |
| Capacity Extension 24" Flared               | Optional*                        | Optional                         |
| Scale Package - Variable Rate               | Athene Rate Controller           | Athene Rate Controller           |
| Side Marker Clearance Light Pkg             | Optional                         | Optional                         |
| Hydraulic Jack                              | Optional                         | Optional                         |
| 3pt Mounted Debris Deflector                | Optional                         | Optional                         |
| *Do Not Exceed Tractor Drawbar Rating.      |                                  |                                  |

| <b>TRAILER DIMENSIONS / SPECIFICATIONS</b>  |                                                       |                                                  |                                                  |
|---------------------------------------------|-------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|
| MODEL:                                      | <b>SSTS32 (9724)</b>                                  | <b>SSTS48 (9728)</b>                             | <b>SSTS64 (9728)</b>                             |
| Trailer Frame                               | 4" x 12" Tubing                                       | 4" x 12" Tubing                                  | 4" x 12" Tubing                                  |
| Axle Configuration*                         | Tandem - Non Steer                                    | Tridem - Steerable F&R                           | Quad - Steerable F&R                             |
|                                             | Tandem - Steerable Rear                               | N/A                                              | N/A                                              |
|                                             | 36,400 Lbs x 2                                        | 36,400 Lbs x 3                                   | 36,400 Lbs x 4                                   |
|                                             | Fixed Spring Suspension                               | Fixed Spring Suspension                          | Fixed Spring Suspension                          |
| Heavy Duty Hubs                             | Grease Filled - 10 Bolt                               | Grease Filled - 10 Bolt                          | Grease Filled - 10 Bolt                          |
| Articulating Implement Hitch                | Std - Requires 1.5" or 2" Pin Hammerstrap Style Hitch | Std - Requires 2.75" Pin Hammerstrap Style Hitch | Std - Requires 2.75" Pin Hammerstrap Style Hitch |
| Tire Options                                | New 800/45Rx26.5 High Floatation                      | New 800/45Rx26.5 High Floatation                 | New 800/45Rx26.5 High Floatation                 |
|                                             | New 710/50Rx26.5 High Floatation                      | New 710/50Rx26.5 High Floatation                 | New 710/50Rx26.5 High Floatation                 |
| Brakes (Hydraulic Hand Lever or Foot Pedal) | Standard (Hand Lever)                                 | Standard (Hand Lever)                            | Standard (Hand Lever)                            |
| <b>OPTIONS</b>                              |                                                       |                                                  |                                                  |
| Safety Chain/SMV                            | Optional                                              | Optional                                         | Optional                                         |
| Hydraulic Jack                              | Optional                                              | Optional                                         | Optional                                         |

| <b>TRAILER DIMENSIONS / SPECIFICATIONS</b>  |                                                  |                                                  |
|---------------------------------------------|--------------------------------------------------|--------------------------------------------------|
| MODEL:                                      | <b>SSTS48 (9732)</b>                             | <b>SSTS64 (9732)</b>                             |
| Trailer Frame                               | 4" x 12" Tubing                                  | 4" x 12" Tubing                                  |
| Axle Configuration*                         | Tridem - Steerable F&R                           | Quad - Steerable F&R                             |
|                                             | N/A                                              | N/A                                              |
|                                             | 36,400 Lbs x 3                                   | 36,400 Lbs x 4                                   |
|                                             | Fixed Spring Suspension                          | Fixed Spring Suspension                          |
| Heavy Duty Hubs                             | Grease Filled - 10 Bolt                          | Grease Filled - 10 Bolt                          |
| Articulating Implement Hitch                | Std - Requires 2.75" Pin Hammerstrap Style Hitch | Std - Requires 2.75" Pin Hammerstrap Style Hitch |
| Tire Options                                | New 800/45Rx26.5 High Floatation                 | New 800/45Rx26.5 High Floatation                 |
|                                             | New 710/50Rx26.5 High Floatation                 | New 710/50Rx26.5 High Floatation                 |
| Brakes (Hydraulic Hand Lever or Foot Pedal) | Standard (Hand Lever)                            | Standard (Hand Lever)                            |
| <b>OPTIONS</b>                              |                                                  |                                                  |
| Safety Chain/SMV                            | Optional                                         | Optional                                         |
| Hydraulic Jack                              | Optional                                         | Optional                                         |

## 12.0 MAINTENANCE RECORDS

MODEL NO. \_\_\_\_\_

SERIAL NO. \_\_\_\_\_

[illegible][illegible]

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