

OPERATORS AND PARTS MANUAL NO. 07-01-TSS-6600
FOR
6600 SERIES

MEYER

TSS VARIABLE SPEED MODEL

Front Unload Forage Boxes

with Independent Outfeed Clutch

DO NOT OPERATE EQUIPMENT UNTIL THIS MANUAL HAS BEEN READ AND UNDERSTOOD.

6600 SERIES:

Model 6620
Model 6622
Model 6624



MEMBER



Over
65 years
of service
to our customers

Manufactured by
Meyer Mfg. Corp.

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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's manual 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.

REMEMBER:

**FARM EQUIPMENT BUYERS
TRUST THE NAME MEYER!**

Sincerely,

All Employees of

MEYER MANUFACTURING CORPORATION

Meyer Mfg. Corp. 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.

IMPORTANT:

At the front of this manual is a Product Registration and Inspection Certificate. Be sure your dealer has completed this certificate and promptly forwarded a copy to Meyer Manufacturing to validate the manufacturer's warranty. The product model and serial number are recorded on this certificate and below for proper identification of your Meyer Forage Box by your dealer and the manufacturer when ordering re-

pair parts. The serial number plate is found near the control levers on your forage box and stamped in the front corner of the left hand end frame.

Model No. _____

Serial No. _____

Date of Purchase _____

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

HOW TO READ YOUR SERIAL NUMBER

Your serial number is stamped above the discharge opening on the unit discharge end frame.

Example: 12T7242

Model Year / TSS / Model / Sequence of Build

↓ ↓ ↓ ↓
12 T 7 242

NOTE: All references to right hand (RH) , left hand (LH), front and rear apply to the product as viewed from the rear of the box.

IMPORTANT: The standard forage box header unit discharges to the LH side and the parts illustrations depict these units. If you have an optional RH unit, always specify the part number shown in this book followed by -RH. Nearly all header parts appear similar to the standard unit but are really mirror images. Box parts are all identical. If you specify -RH and there is no difference in the item you wish to order, this will be properly interpreted at the factory and will not cause any problem.

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**NEW MEYER (FRONT UNLOAD) FORAGE BOX
MANUFACTURER'S WARRANTY**

AUGUST, 2009

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 Forage Boxes shall apply only to the original retail customer from an authorized Meyer Mfg. Corp. dealership.

II. This warranty shall not apply to any Meyer Forage Box which has been subjected to misuse, negligence, alteration, accident, incorrect operating procedures, or which shall have been repaired with parts other than those obtained through Meyer Mfg. Corp.

III. Meyer Mfg. Corp. warrants New Meyer Forage Boxes to be free from defects in material and workmanship under recommended use and maintenance service, as stated in the Operator's and Parts Manual," as follows:

A. Meyer Mfg. Corp. will repair or replace F.O.B. Dorchester, WI, as Meyer Mfg. Corp. elects, any part of a new Meyer Forage Box which is defective in material or workmanship:

1. Without charge for either parts or labor during the first (1) year from purchase date to the original retail customer.
2. Without charge for parts only during the second (2) year from purchase date to the original retail customer.

B. In addition to the above basic warranty, Meyer Mfg. Corp. will repair or replace F.O. B. Dorchester, WI as Meyer Mfg. Corp. elects:

1. Any part of the following which is defective in material or workmanship (not neglect to recommended use and service) without charge for parts only (not labor) during the stated time periods from date of purchase to the original retail customer:

Two (2) Years:

- a. The 6600 Series enclosed main apron drive Superior gearbox assembly, Meyer #19-0151.
- b. The D667X pintle main apron chain assembly.

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

Ten (10) Years:

- b. The all bolted or all welded steel frame box structure.
- b. The galvanneal steel painted panels which comprise the sides and rear of the box portion (not front unit) of the forage box, upon evidence satisfactory to Meyer Mfg. Corp., that any such panel either rusted or corroded through or cracked or split.

IV. COMMERCIAL USE: Coverage as in paragraph III A1 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 the transportation of the forage box to the dealership for warranty service or for any service call expenses.

VI. Except as stated above, Meyer Mfg. Corp. shall not be liable for injuries or damages of any kind or nature, direct, consequential, or contingent, to persons or property. This warranty does not extend to loss of crop or for any other reasons.

VII. No person is authorized to give any 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 Forage Boxes made after serial #07T7201.

Tires, optional scales and tarps fall under the original manufacturer's warranty.

SAFETY PRECAUTIONS



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!



WARNING: BEFORE ATTEMPTING TO OPERATE THIS FORAGE BOX, READ AND STUDY THE FOLLOWING SAFETY INFORMATION. IN ADDITION, MAKE SURE THAT EVERY INDIVIDUAL WHO OPERATES OR WORKS WITH THE FORAGE BOX, WHETHER FAMILY MEMBER OR EMPLOYEE, IS FAMILIAR WITH THESE SAFETY PRECAUTIONS.

Require anyone who will operate this forage box to read and completely understand this owner's manual. Give necessary instructions.

DO NOT operate, service, inspect or otherwise handle this forage box until all operators have read this Owner's Manual and have been properly trained in its intended usage.

DO NOT allow minors (children) or inexperienced persons to operate this forage box.

If the forage box becomes clogged, shut off the tractor engine and allow all mechanisms to stop. Disconnect PTO shaft or hydraulic drive supply hoses (relieve hydraulic pressure). Then, clean or work on the forage box as required.

Always shut off power and disconnect PTO shaft or Hydraulic drive supply hoses (relieve hydraulic pressure) from tractor to prevent accidental startup or unexpected movement before working on forage box.

DO NOT clean, adjust or reset the emergency stop while the forage box is in motion.

Make sure all hydraulic fittings are tight and that all hoses are in good condition. Hydraulic fluid escaping under pressure can have sufficient force to penetrate skin and cause serious injury. Never investigate for hydraulic leaks by using a part of the body to feel for escaping fluid.

Inspect when first delivered and regularly thereafter; that all connections and bolts are tight and secure before operating.

Know how to stop the unloading unit of the forage box before starting it!

DO NOT operate until all shields and guards are in place and securely fastened.

Make certain everyone is clear of the forage box before applying power.

Keep hands, feet and clothing away from moving parts. Loose or floppy clothing should not be worn by the operator.

Stay well clear of the cross conveyor and discharge opening while operating.

DO NOT step up on any part of the forage box at any time. DO NOT use the PTO guard as a step.

DO NOT step over the power take-off shaft. Stay clear of the PTO at all times.

Keep PTO shaft telescoping tube shields turning freely. Keep PTO master shield on tractor. Replace damaged or missing shields.

Never operate PTO above normal 540 RPM rating. Never connect forage box PTO shaft to a 1000 RPM tractor PTO.

Keep the forage box away from power lines. Contact with electric lines may result in serious injury or death by electrocution!

Use only properly rated running gear and tires.

DO NOT tow at speeds in excess of 20 MPH when transporting this forage box. Never exceed a safe travel speed.

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.

Always install a SMV emblem on forage box for transporting on roadways and keep this emblem clean and bright.

MEYER MFG. CORP. PROVIDES GUARDS FOR EXPOSED MOVING PARTS FOR THE OPERATOR'S PROTECTION; HOWEVER, SOME AREAS CAN NOT BE GUARDED OR SHIELDED IN ORDER TO ASSURE PROPER OPERATION. THE OPERATOR'S MANUAL AND DECALS ON THE FORAGE BOX ITSELF WARN YOU OF DANGERS AND MUST BE READ AND OBSERVED CLOSELY!

**Study the Above Safety Rules
FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.**



SAFETY FIRST



A brief definition of signal words that are used in this manual is as follows:



DANGER indicates an imminently hazardous situation which, if not avoided, WILL result in death or serious injury.



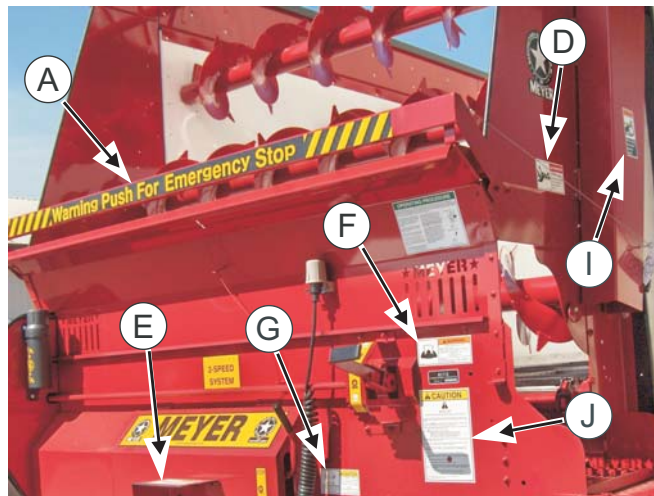
WARNING indicates a potentially hazardous situation which, if not avoided, COULD result in death or serious injury and includes hazards that are exposed when guards are removed.



CAUTION indicates a potentially hazardous situation which, if not avoided, MAY result in minor or moderate injury. It is also used to alert against unsafe practices.

Decal Locations

See page 9 for decals.



CAUTION: READ ALL DECALS ON THE FORAGE BOX AND IN THIS MANUAL. KEEP THESE DECALS CLEAN AND REPLACE ANY LOST OR DESTROYED DECALS. BECOME FAMILIAR WITH ALL TRACTOR AND FORAGE BOX CONTROLS.



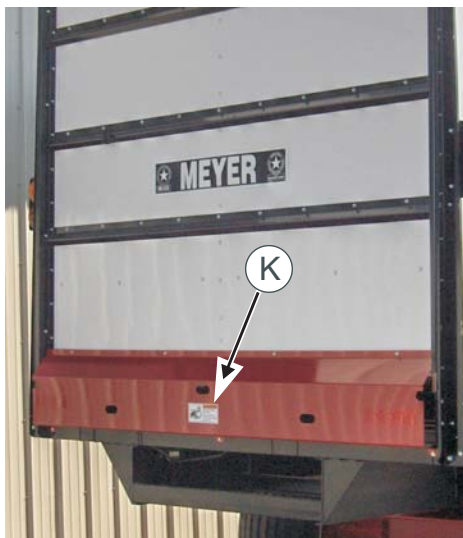
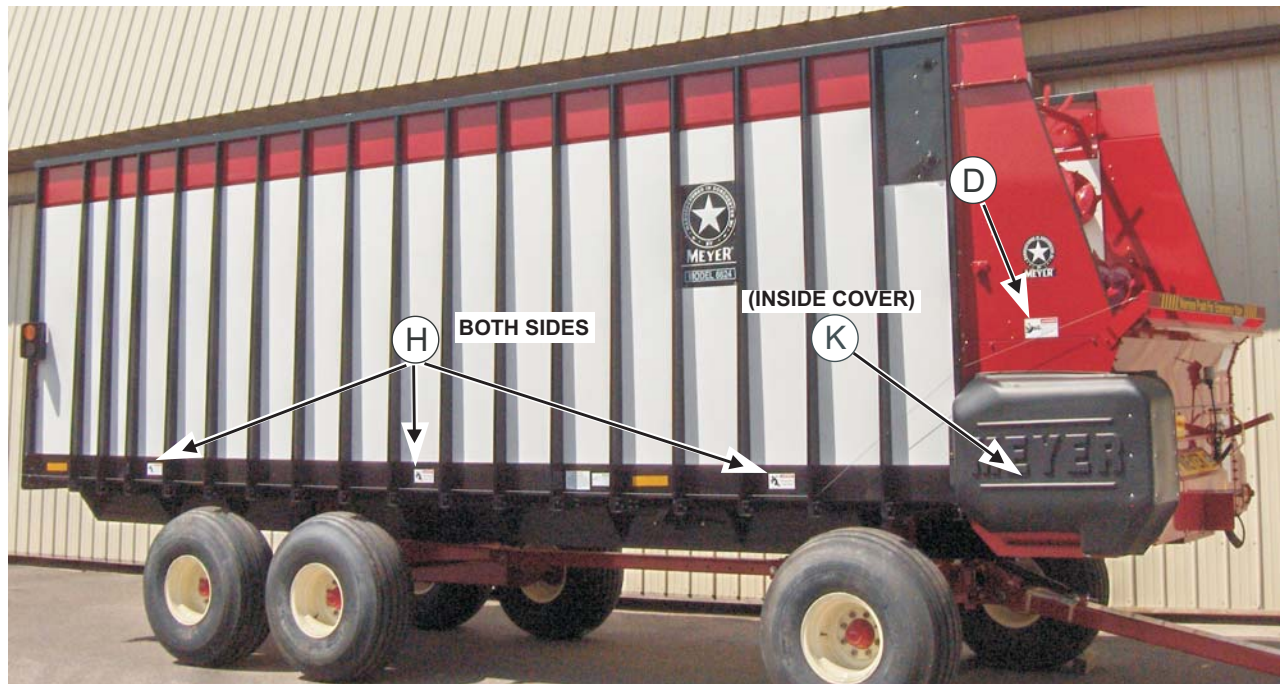
SAFETY FIRST



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



DO NOT REMOVE ANY DECALS. IF DECALS ARE LOST, DAMAGED OR IF FORAGE BOX IS REPAINTED, REPLACE DECALS. REMEMBER: DECALS ARE FOR YOUR PROTECTION AND INFORMATION.

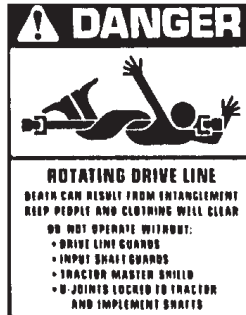


CAUTION: READ ALL DECALS ON THE FORAGE BOX AND IN THIS MANUAL. KEEP THESE DECALS CLEAN AND REPLACE ANY LOST OR DESTROYED DECALS. BECOME FAMILIAR WITH ALL TRACTOR AND FORAGE BOX CONTROLS.

DECALS - 6600

Warning Push For Emergency Stop

A - 46-0001-14 & 46-0001-15

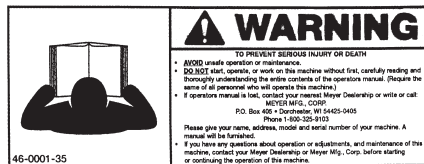


D - 46-0001-5

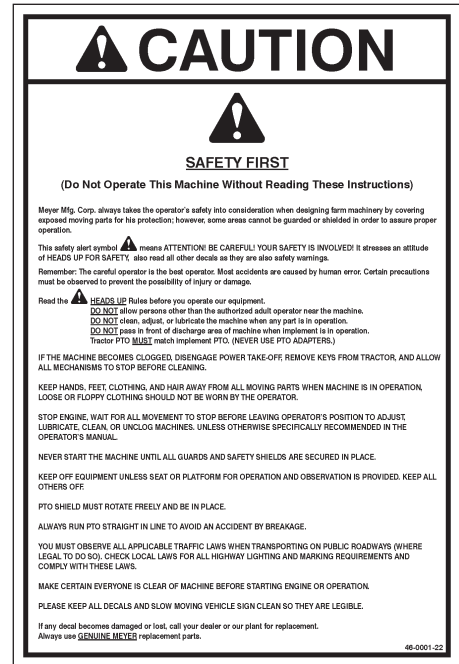
B - 46-0001-13 (ON PTO SHAFT) DRIVE



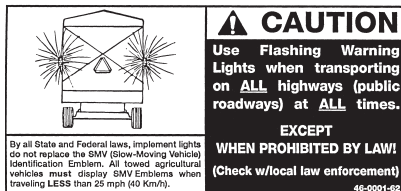
E - 46-0001-2



F - 46-0001-35



J - 46-0001-22



G - 46-0001-62



I - 46-0001-33



H - 46-0001-20



K - 46-0001-26

CAUTION: READ ALL DECALS ON THE FORAGE BOX AND IN THIS MANUAL. KEEP THESE DECALS CLEAN AND REPLACE ANY LOST OR DESTROYED DECALS. BECOME FAMILIAR WITH ALL TRACTOR AND FORAGE BOX CONTROLS.

WARNING:

 **WARNING: IF FOR ANY REASON THE EMERGENCY STOP MECHANISM DOES NOT FUNCTION PROPERLY, DO NOT USE THE MACHINE UNTIL IT IS REPAIRED. FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.**


OPERATION OF THE EMERGENCY STOP

Across the upper edge of the front unloading unit is a “Warning Push For Emergency Stop” pushbar. By pushing on this bar during front unloading operation only, the forage box will shut down in an emergency.

Emergency stop trip cables connected to the “Emergency Stop” pushbar extend along both sides and down the front of the forage box. Pulling on these trip cables will also shut down the front unloading unit of the forage box in an emergency.

Note: The emergency stop mechanism DOES NOT STOP the PTO drive shaft.

RESETTING THE EMERGENCY STOP

 **WARNING: DO NOT RESET THE EMERGENCY STOP MECHANISM UNTIL ALL PEOPLE, TOOLS AND OTHER OBJECTS ARE WELL CLEAR OF THE FORAGE BOX. FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.**



INDEPENDENT OUTFEED CLUTCH CONTROL LEVER

To reset the emergency stop mechanism, fully engage the INDEPENDENT OUTFEED CLUTCH control lever into the “RUN” position.

Check frequently to be assured that the emergency stop mechanism is in proper operating condition. Slowly engage the tractor PTO and operate the forage box at an idle speed to ensure it is operating properly. Push the emergency stop bar across the upper edge of the front unloading unit, to ensure that the forage box can be shut down in an emergency.

Reset the emergency stop and recheck using the emergency stop trip cables at various locations to ensure that the forage box can be shut down in an emergency. Periodically repeat emergency stop inspections during the operating season and at all times keep excessive slack out of the emergency stop trip cables.

EMERGENCY STOP TRIP LOCATIONS



EMERGENCY STOP PUSH BAR

EMERGENCY STOP TRIP CABLES EXTENDING ALONG BOTH SIDES

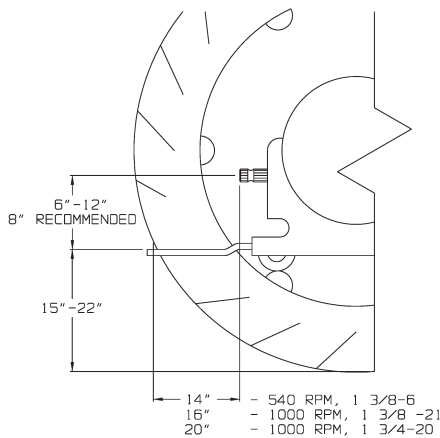
EMERGENCY STOP TRIP CABLE UP FRONT

PRE-OPERATION

Be certain your forage box is properly mounted to the running gear. Consult your dealer if you have any questions about the tie down kit from the manufacturer and illustrated in the parts listing of this manual.

DO NOT fill the cross conveyor unloading area with forage to get extra capacity. Overloading puts unnecessary pressures and strains on the cross conveyor and auger drive.

This forage box is to be operated with 540 rpm PTO ONLY. Set your tractor drawbar to conform to the standard dimensions as shown on the following illustration. This will ensure that the PTO drive shaft will not be over extended.



DRAWBAR & PTO RELATIONSHIP



DANGER: DO NOT OPERATE WITHOUT PTO GUARD ON MACHINE AND ON TRACTOR. MAINTAIN PTO DRIVE SHAFT GUARDS IN OPERATING CONDITION. REPLACE THEM IF DAMAGED AND NOT TURNING FREELY. FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.



WARNING: INSPECT REGULARLY THAT ALL CONNECTIONS AND BOLTS ARE TIGHT AND SECURE BEFORE OPERATING. FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.

Inspect the forage box for proper adjustments as this will ensure maximum machine performance. See "Adjustments" section. Grease and oil the forage box as required. See "Lubrication" section.



WARNING: DO NOT OPERATE UNTIL ALL SHIELDS AND GUARDS ARE IN PLACE AND SECURELY FASTENED. FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.

TRANSPORTING

Always disconnect the PTO drive shaft from the tractor and return it to the PTO storage bracket on the unloading unit before transporting. Failure to do this may result in equipment damage.

If you have a fold down cross conveyor extension, always transport with this extension folded up to reduce your width.



FOLD DOWN CROSS CONVEYOR EXTENSION

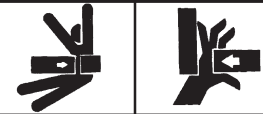
WARNING

To prevent serious injury or death:

- Read and understand owner's manual before using. Review safety precautions annually
- No riders allowed when transporting.
- Securely attach to towing unit. Use a high strength appropriately sized hitch pin with a mechanical retainer and attach safety chain.
- Do not exceed 20 mph (33 kph). Slow down for corners and rough terrain.
- Do not drink and drive.
- Before moving running gear, 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 running gear.
- Maintain wheel bolts at torque as recommended in the manual.
- If equipped with brakes, maintain proper adjustment.

46-0800-8

WARNING



CRUSHING HAZARD

To prevent serious injury or death:

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

46-0800-6

WARNING



RUN-AWAY HAZARD

To prevent serious injury or death:

- Shift to lower gear before going down steep grades.
- Keep towing vehicle in gear at all times.
- Never exceed a safe travel speed.

46-0800-7



WARNING: INSTALL A SMV EMBLEM ON REAR OF FORAGE BOX FOR TRANSPORTING ON ROADWAYS. KEEP THIS EMBLEM CLEAN AND BRIGHT. FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.



PROPER PTO DRIVE SHAFT STORAGE

Your running gear probably has a telescoping tongue for convenience to hitch up. Always back up and lock this tongue in the operating position after hitching.



WARNING: YOU MUST OBSERVE ALL APPLICABLE TRAFFIC LAWS WHEN TRANSPORTING ON PUBLIC ROADWAYS. CHECK LOCAL LAWS FOR ALL HIGHWAY LIGHTING AND MARKING REQUIREMENTS. FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.



WARNING: DO NOT TOW AT SPEEDS IN EXCESS OF 20 MPH. FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.

Operating speed is dictated by the terrain over which you are traveling. Always use caution. Avoid traveling on slopes or hills that are unsafe.

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. You will also be required to install a safety chain device on the running gear.



CAUTION: USE FLASHING WARNING LIGHTS WHEN TRANSPORTING ON ALL PUBLIC ROADWAYS, EXCEPT WHEN PROHIBITED BY LAW.

	<p>CAUTION</p> <p>Use Flashing Warning Lights when transporting on <u>ALL</u> highways (public roadways) at <u>ALL</u> times.</p> <p>EXCEPT WHEN PROHIBITED BY LAW!</p> <p>(Check w/local law enforcement)</p> <p>46-0001-62</p>
<p><small>By all State and Federal laws, implement lights do not replace the SMV (Slow-Moving Vehicle) Identification Emblem. All towed agricultural vehicles must display SMV Emblems when traveling LESS than 25 mph (40 Km/h).</small></p>	

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.

FRONT UNLOAD VARIABLE SPEED OPERATION WITH INDEPENDENT OUTFEED CLUTCH

FORAGE BOX CONTROL LEVERS



WARNING: NEITHER THE VARIABLE SPEED NOR THE HI-LO RANGE CONTROL LEVER WILL DIS-ENGAGE THE CROSS CONVEYOR. ONLY THE TRACTOR PTO, INDEPENDENT OUTFEED CLUTCH, OR EMERGENCY STOP MECHANISM WILL STOP THE CROSS CONVEYOR. FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.

Facing the front of the forage box, the lower most RH control lever is the INDEPENDENT OUTFEED CLUTCH control. Moving this control lever down into the “Run” position engages the cross conveyor and main drive mechanism. Engage this control lever into the “Run” position for normal operation. Once this control lever is engaged, it acts as the emergency stop when pushing on the “Warning Push for Emergency Stop” push bar or when pulling on the emergency stop trip cables.

The LH control lever is the VARIABLE SPEED control. Moving this control lever regulates rotational speed of the unloading augers and the forward speed of the main apron chains, in conjunction with the HI-LO RANGE control. At the uppermost notch on the control quadrant, the VARIABLE SPEED control is in “Neutral” position. In this position, neither the main apron chains advance, nor do the unloading augers rotate under load, regardless of the position of the HI-LO RANGE control. Moving the VARIABLE SPEED control lever down on the control quadrant increases speed of both auger rotation and main apron chain forward travel.

The RH control lever is the HI-LO RANGE control. Center detent is the “Neutral” position. Shifting the lever up on the control quadrant is “LO” RANGE and shifting the lever fully down is “HI” RANGE. Range selection affects the forward speed of the main apron chains only. In the “Neutral” position, the main apron chain does not travel forward.

OPERATING PROCEDURE

NOTE: The VARIABLE SPEED, HI-LO RANGE, and OUTFEED CLUTCH levers must be in the “Neutral” position when engaging and disengaging the PTO drive shaft (or optional hydraulic drive). All forage box control lever selections are to be made while the PTO (or hydraulic) power is in operation. If the control levers are engaged before power is applied, damage may occur to the Variable Speed drive and the Outfeed Clutch drive. Failure to follow correct operating procedures may cause equipment damage and void the manufacturer's warranty.

1. Park the forage box so the discharge cross conveyor is in alignment with the silo filling blower hopper. Park the forage box and tractor in a straight line to prevent wearing of PTO drive shaft joints. Lower forage box cross conveyor extension if equipped.
2. Check that the OUTFEED CLUTCH lever is in the “Stop” position, and the VARIABLE SPEED & HI-LO RANGE levers are in the “Neutral” position.
3. Slowly engage the tractor PTO and set the engine speed from 1300-1500 rpm, which should give a PTO speed of 300-375 rpm.
4. Slowly engage the OUTFEED CLUTCH lever to the “RUN” position and allow the cross conveyor to empty out any accumulation of forage in the front unit of the forage box. After the forage has emptied, fully engage and lock down the OUTFEED CLUTCH lever into the “RUN” position.
5. Slowly engage the VARIABLE SPEED lever to clear forage from the three unloading augers. Quickly, but gradually engage and disengage this lever as needed to free the augers from forage, and then keep the augers turning.
6. With the Variable Speed lever in a slow speed selection, slowly engage the HI-LO Range lever to “LO” and the main aprons will begin to move forward, increase speed of the Variable Speed lever to regulate rate of forage box unloading speed to match capacity of silo filling blower. **DO NOT START AND UNLOAD FULL LOADS IN “HI” RANGE!** Use “HI” RANGE for main apron “cleanout” all small or partial loads.
7. When unloading is complete, slowly return the VARIABLE SPEED lever to the “Neutral” position and then the HI-LO RANGE lever to the “Neutral” position. Then, disengage the OUTFEED CLUTCH lever to the “STOP” POSITION. Idle down the tractor engine rpm and shut off the tractor PTO lever. Disconnect the PTO shaft from the tractor and secure it in the PTO hanger bracket at the front of the forage box. If the forage box is equipped with a cross conveyor extension, raise it up to the transport position.

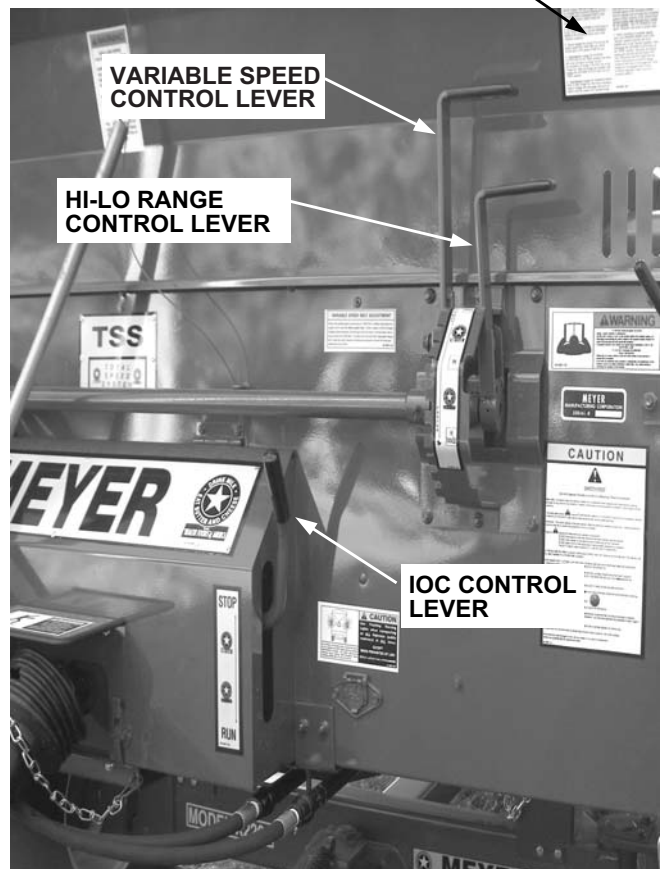
46-0001-64

HI-LO RANGE LEVER

VARIABLE SPEED LEVER

OUTFEED CLUTCH LEVER

DECAL #46-0001-64



Three levers control operating the front unloading unit of the forage box.

- INDEPENDENT OUTFEED CLUTCH - IOC
- VARIABLE SPEED
- “HI-LO RANGE”

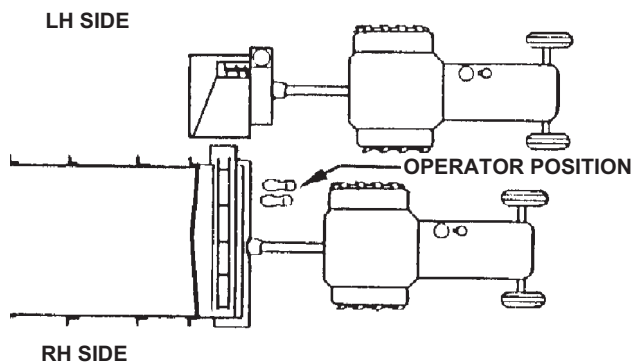
UNLOADING THE FORAGE BOX

Pull the forage box into position and park so that the cross conveyor discharge opening is in alignment with the silo filling blower hopper. If the forage box is equipped with a fold down cross conveyor extension, it can be lowered before pulling in front of the blower.

After a couple of parking trails, you may become familiar with the correct parking place and be able to lower the cross conveyor extension after parking. Always park the forage box and unloading tractor in a straight line. Minimize the unloading angle on the PTO drive shaft to prevent wearing of universal joints when connected to the unloading tractor PTO. Shift the unloading tractor to "Neutral" or "Park" and set the brakes.

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

Properly dismount from the tractor and approach the forage box by walking along the left side of the tractor as shown in the following diagram. Do not approach the forage box from the right side of the machine (left hand unload). Approach the left front area of the forage box, as this is where the control levers are located. Standing in the operator position will not require crossing the PTO drive shaft at any time during the unloading operation.



OPERATOR TRAFFIC PATTERN



WARNING: DO NOT STEP OVER THE PTO DRIVE SHAFT. STAY WELL CLEAR OF THE PTO AT ALL TIMES. FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.



WARNING: DO NOT STEP UP ON ANY PART OF THE FORAGE BOX AT ANY TIME. FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.

START UP PROCEDURES

Remove PTO drive shaft from the forage box PTO storage bracket and connect to the tractor PTO. Be sure the PTO yoke is securely locked to the tractor PTO. If using an optional hydraulic drive, couple the hydraulic hoses to the power supply.

Check that the INDEPENDENT OUTFEED CLUTCH control lever is in the "Stop" position and the VARIABLE SPEED & HI-LO RANGE control levers are in the "Neutral" positions.

NOTE: The INDEPENDENT OUTFEED CLUTCH, VARIABLE SPEED, and HI-LO RANGE control levers must be in their "Stop" or "Neutral" positions when engaging and disengaging the PTO drive shaft (or optional hydraulic drive). All forage box control lever selections are to be made while the PTO (or hydraulic) power is in operation. If the control levers are engaged before power is applied, damage may occur to the Variable Speed drive or Independent Outfeed Clutch drive or both. Failure to follow correct operating procedures may cause equipment damage and may void the manufacturers warranty.

At this time, start the silo filling blower. Return to the forage box unloading tractor, slowly engage the PTO, and set the engine speed from 1300-1500 rpm. to give a PTO speed of 300-375 rpm.

Return to the operator's position adjacent to the forage box controls. Intermittently engage the INDEPENDENT OUTFEED CLUTCH control lever to the "Run" position and allow the cross conveyor to empty out any accumulation of forage in the front unloading unit. After the forage has emptied, fully engage the INDEPENDENT OUTFEED CLUTCH control lever into the "Run" position.

Next, engage the VARIABLE SPEED control lever to clear forage from the three unloading augers. Intermittently move the lever between "Neutral" and the 1st and/or 2nd notch settings on the control quadrant. This will engage and disengage the augers at a slow speed to clear them without the main apron moving forward; because the HI-LO RANGE control lever is still in "Neutral."

With the augers cleared and running and the VARIABLE SPEED control lever in a slow speed setting, move the RANGE control lever to "LO" and the main apron chain will begin to move forward. Moving the VARIABLE SPEED control lever down on the control quadrant will increase speed of both auger rotation and main apron forward travel. Keep increasing speed of the VARIABLE SPEED control to regulate rate of forage box unloading speed to match the capacity of the silo filling blower.

Slow up, but do not stop the VARIABLE SPEED control when shifting to “HI” RANGE.



CAUTION: YOU CAN MOVE THE RANGE CONTROL LEVER TO “HI” FOR CLEAN-OUT AT THE END OF UNLOADING AND YOU MAY ALSO FIND IT TO BE AN APPROPRIATE SPEED SELECTION FOR SMALL OR PARTIAL LOADS. DO NOT START AND UNLOAD FULL LOADS IN “HI” RANGE.

NOTE: Control lever settings must be made while the forage box front unloading unit is in operation. Moving the control levers with the unloading unit stopped will be difficult or impossible. This may cause equipment damages and may void the manufacturer’s warranty.

When finished unloading the forage box, perform the “Shut Down Procedures.”

SHUTDOWN PROCEDURES

For proper operation, it is IMPORTANT that when unloading is completed to slowly return the VARIABLE SPEED control lever to the “Neutral” position and then the HI-LO RANGE control lever to the “Neutral” position. Then, disengage the INDEPENDENT OUTFEED CLUTCH control lever to the “Stop” position. This will prepare the forage box front unloading unit for proper “start-up” on the next load of forage.

NOTE: Control lever settings must be made while the forage box front unloading unit is in operation. Moving the control levers with the unloading unit stopped will be difficult or impossible. This may cause equipment damages and may void the manufacturers warranty.

Idle down the tractor engine rpms. Disengage the PTO drive shaft and turn the tractor “OFF.” When all movement has stopped, disconnect the PTO drive shaft from the forage box unloading tractor and return it to the PTO storage bracket. Secure the PTO drive shaft into the PTO storage bracket with the rubber tie down strap. Shut down the silo filling blower tractor and wait for all motion to stop. If the forage box is equipped with a cross conveyor extension, raise it up to the transport position and securely latch it before traveling on roadways.

The unloading process described is to be performed by the operator alone. This will eliminate unexpected “start-ups” and minimize other hazards that could result by more than one person in control. If the forage box or silo filling blower should become clogged, shut off all power to the forage box and blower. Wait for all motion to stop. Disconnect PTO drive shaft or hydraulic supply and return hoses. Then, clean out the machine.

Never use “live” power to aid in the clean-out of a clogged machine. If any mechanism fails, move the forage box to a safe work area and then repair the mechanism before proceeding with unloading of the forage. If repairs require the removal of forage from inside of the forage box, then remove the rear discharge door (bolted hinges on top of each side) and then empty the forage manually by hand through the rear opening.



DANGER: NEVER ENTER THE FORAGE BOX OR FRONT UNLOADING UNIT FOR ANY REASON WITHOUT FIRST DISCONNECTING PTO DRIVE SHAFT OR HYDRAULIC HOSES FROM POWER SUPPLY. FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.

Never enter the forage box for any reason if there is any possibility of power being applied to the unit.

LUBRICATION



WARNING: DISCONNECT PTO DRIVE SHAFT (OR HYDRAULIC POWER SOURCE) BEFORE CLEANING, ADJUSTING, LUBRICATING OR SERVICING THIS MACHINE. FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.

DAILY LUBRICATION

(every 8-10 loads)

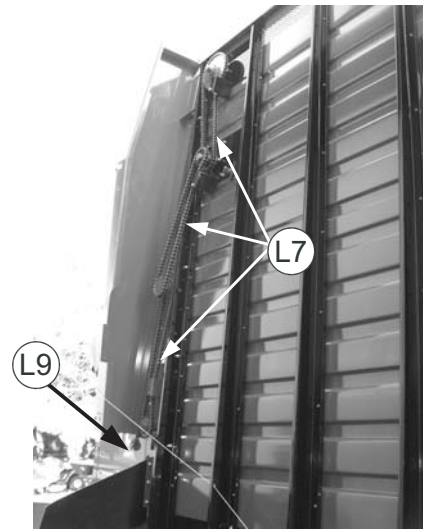
- L1 Grease (2) PTO drive shaft universal joints (not illustrated). Grease (1) PTO drive shaft telescoping shaft and tube. Zerk accessible through the plastic guards (not illustrated).
- L2 Grease front idler sprocket - wipe off excess grease from exterior.
- L3 Grease (2) moveable clutch sheaves - wipe excess from interior and exterior. Prevent oil and grease from getting on clutch sheave belt drive surface.
- L4 Apply grease to lower cluster shaft end and lower variable speed engagement arm.
- L5 Oil (2) roller chains and “HI-LO” range sliding jaw clutch.
- L6 Grease “HI-LO” range brass shifting collar.
- L7 Oil (4) roller chains on auger drive and (1) roller chain on cross conveyor drive. Open the auger chain cover to oil the chains.

BEGINNING OF CROP MAINTENANCE

(Approximately 100-150 loads)

- L9 Grease (2) main apron shaft bearings (Front center bearing grease from zerk in left end frame).
- L10 Grease (3) shifter control lever guide sleeves. Grease (1) Independent Outfeed Clutch handle pivot under front shield.
- L11 Grease (4) gear cluster shaft bearings.
- L13 Maintain oil in the front main apron drive lower gearbox at the check plug level. Change oil in the gearbox after the first season of use and yearly thereafter. Use #85W140 wt. Gear Lube Oil. Lighter oil may be used in temperatures below 20° F.
- L14 Maintain oil in the auger drive upper gearbox at the check plug level. Change oil in the gearbox after the first season of use and yearly thereafter. Use ONLY Synthetic ISO 460 Gear Oil AGMA 7 (Non EP) or equivalent.
- L15 Grease (4) Cross Conveyor Apron Shaft Bearings
- A1 Adjust main apron chain per “Adjustments” section. Adjust cross conveyor chain per “Adjustments” section.
- A2 Adjust shifter controls per “Adjustments” section.
- A3 Remove panel and clean out accumulation of foreign material build-up.

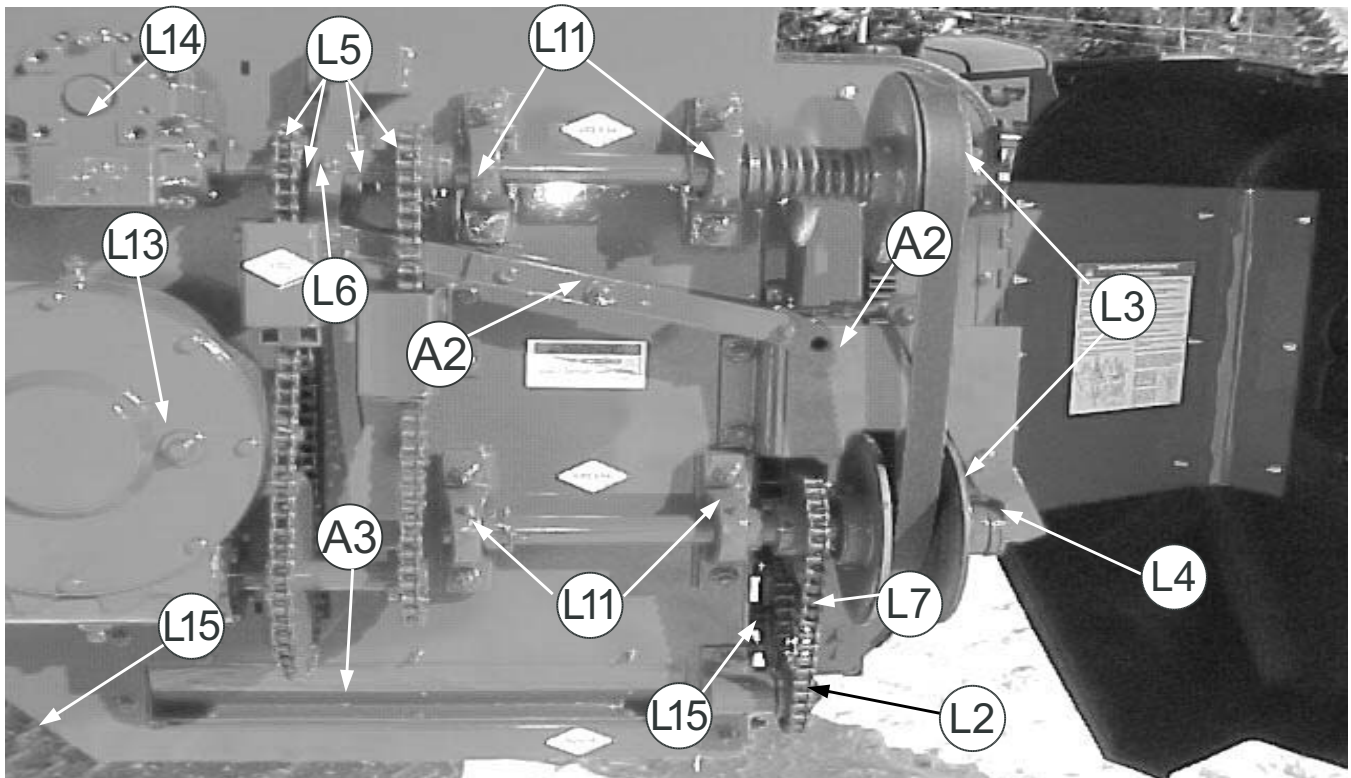
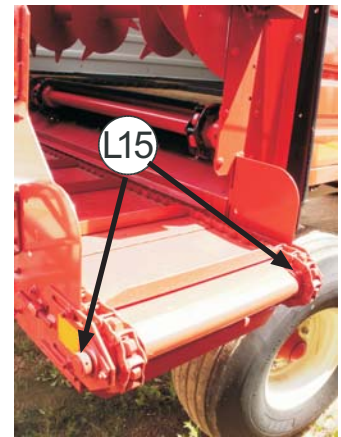
END OF CROP CLEANUP AND MAINTENANCE



Allow box to completely clean out last load of forage. Clean out all forage material from inside the box, roof and on the outside of the box. Clean the front cross conveyor on the top pan and in the lower pan (chain return) area. Clean out the clean-out panel. Clean out the deflector shield at the rear of the box, both inside and outside.

It is recommended to lube the forage box before storage to exclude moisture from bearings. Apply oil to roller chain drives and to the main apron chains and cross conveyor chains. Also, new or used oil is recommended to be applied to the floor and inside of the box walls.

It is also a good time to inspect all adjustments and check for parts that need repair or replacement. Performing these tasks now will guarantee that the forage box is ready for use at the beginning of the next season.



LUBRICATION DIAGRAMS (Cover Open for Illustration Purposes Only)

TWO-SPEED OPERATION

CONTROL LEVER



WARNING: THE RANGE CONTROL LEVER DOES NOT STOP THE CROSS APRON. ONLY THE TRACTOR PTO OR THE EMERGENCY STOP MECHANISM WILL STOP THE CROSS CONVEYOR. FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.



The unloading of the forage box is controlled by the range control lever and the tractor PTO speed.

Center detent on the range control is “NEUTRAL”, up is “LOW” and down is “HIGH” range. Range selection affects the forward speed of the main apron chain only. In neutral, the apron does not advance.

UNLOADING THE FORAGE BOX

Pull the forage box into position and park so that the cross conveyor discharge opening is in alignment with the silo filling blower hopper. If the forage box is equipped with a fold down conveyor extension, it can be lowered before pulling in front of the blower. After a couple of parking trials, you may become familiar with the correct parking place and be able to lower the cross conveyor extension after parking. Always park the forage box and unloading tractor in a straight line. Minimize the unloading angle on the PTO drive shaft to prevent wearing of universal joints when connected to the unloading tractor PTO. Shift the unloading tractor to “Neutral” or “Park” and set the brakes.

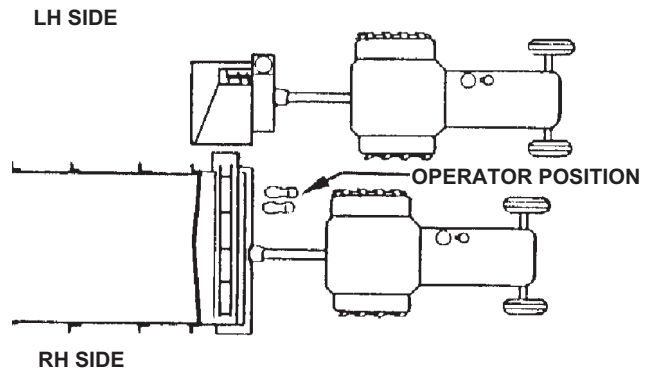
NOTE: Normal operation is using a tractor. If using some other vehicle exercise equivalent caution when parking and exiting this vehicle.

Properly dismount from the tractor and approach the forage box by walking along the left side of the tractor as shown in the following diagram. Do not approach the forage box from the right side of the machine (left hand unload). Approach the left front area of the forage box, as this is where the control levers are located. Standing in the operator position will not

require crossing the PTO drive shaft at any time during the unloading operation.



WARNING: DO NOT STEP OVER THE PTO DRIVE SHAFT. STAY WELL CLEAR OF THE PTO AT ALL TIMES. FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.



OPERATOR TRAFFIC PATTERN



WARNING: DO NOT STEP UP ON ANY PART OF THE FORAGE BOX AT ANY TIME. FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OF DEATH.

START UP PROCEDURES:

Remove the PTO drive shaft from the forage box PTO storage bracket and connect it to the tractor PTO. Be sure the PTO yoke is securely locked to the tractor PTO. If using an optional hydraulic drive, couple the hydraulic hoses to the power supply.

Check that the INDEPENDENT OUTFEED CLUTCH control lever is in the “Stop” position and the HI-LO RANGE control lever is in the “Neutral” position.

NOTE: The INDEPENDENT OUTFEED CLUTCH and HI-LO RANGE control levers must be in their “Stop” or “Neutral” positions when engaging and disengaging the PTO drive shaft (or optional hydraulic drive). All forage box control lever selections are to be made while the PTO (or hydraulic) power is in operation. If the control levers are engaged before power is applied, damage may occur to the Independent Outfeed Clutch drive. Failure to follow correct operating procedures may cause equipment damage and may void the manufacturer’s warranty.

At this time, start the silo filling blower. Return to the forage box unloading tractor, slowly engage the PTO,

and set the engine speed from 1300-1500 rpm. to give a PTO speed of 300-375 rpm.

Return to the operator's position adjacent to the forage box controls. Intermittently engage the INDEPENDENT OUTFEED CLUTCH control lever into the "Run" position and allow the cross conveyor to empty out any accumulation of forage in the front unloading unit. After the forage has emptied, fully engage the INDEPENDENT OUTFEED CLUTCH control lever into the "Run" position.

Next, move the RANGE control lever to "LO" and the main apron chain will begin to move forward.



CAUTION: YOU CAN MOVE THE RANGE CONTROL LEVER TO "HI" FOR CLEAN-OUT AT THE END OF UNLOADING AND YOU MAY ALSO FIND IT TO BE AN APPROPRIATE SPEED SELECTION FOR SMALL OR PARTIAL LOADS. DO NOT START AND UNLOAD FULL LOADS IN "HI" RANGE.

NOTE: Control lever settings must be made while the forage box front unloading unit is in operation. Moving the control levers with the unloading unit stopped will be difficult or impossible. This may cause equipment damages and may void the manufacturer's warranty.

When finished unloading the forage box, perform the "Shut Down Procedures." Refer to page .

TWO SPEED LUBRICATION AND MAINTENANCE



WARNING: DISCONNECT PTO DRIVE SHAFT (OR OPTIONAL HYDRAULIC POWER SOURCE) BEFORE CLEANING, ADJUSTING, LUBRICATING OR SERVICING THIS MACHINE. FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.

ROLLER CHAIN DRIVES

The roller chain drives are tensioned by automatic spring loaded tension blocks.

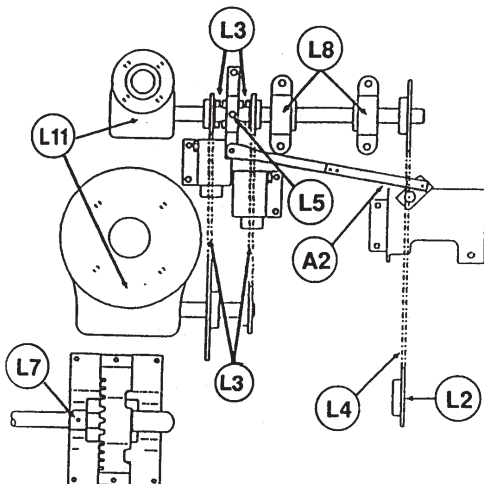
RANGE CONTROL CLUTCH ENGAGEMENT

With the range control lever set to neutral, the engaging jaw clutch should be about midway between the "LO" and "HI" sprocket clutch jaws on the splined shaft. Neither should be engaged. When the lever is moved to "LO" the engaging jaw clutch should mate with "LO" speed sprocket clutch and have about 1/16" of clearance. Likewise for the "HI" speed when the lever is moved to "HI". This engagement is adjusted by changing the length of over-lap on the two, slotted hole linkage bars.

DAILY LUBRICATION MAINTENANCE

(every 8-10 loads)

- (L1) Grease PTO drive shaft joints (not illustrated).
- (L2) Grease front idler sprocket - wipe off excess grease from exterior.
- (L3) Oil roller chains and HI-LO range jaw clutch.
- (L4) Oil roller chains on auger drive and cross conveyor drive.
- (L5) Oil or grease HI-LO range brass shifting collar.



BEGINNING OF CROP MAINTENANCE

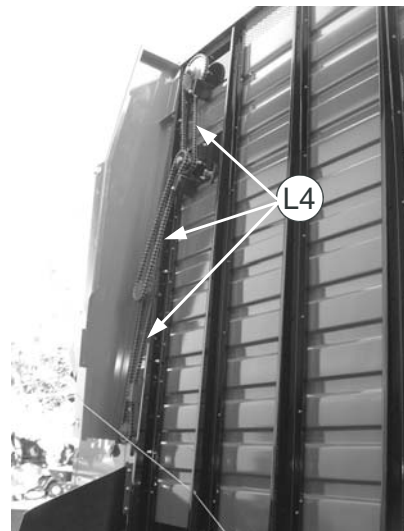
(approximately 100-150 loads)

- (L6) Grease main shaft bearings. (Not Shown)
- (L7) Grease range control sleeve.
- (L8) Grease gear cluster shaft bearings.
- (L11) Maintain oil level in gear boxes. See L13 & L14, page 17.
- (L15) Grease (4) Cross Conveyor Apron Shaft Bearings, see page 17.
- (A2) Adjust range control per "Clutch Engagement".

END OF CROP CLEANUP AND MAINTENANCE

Clean out all forage material from inside the box, roof, and on the outside of the box. Clean the front cross apron on the top and in the lower pan (chain return) area. Clean out the deflector shield at the rear of the box, both inside and outside.

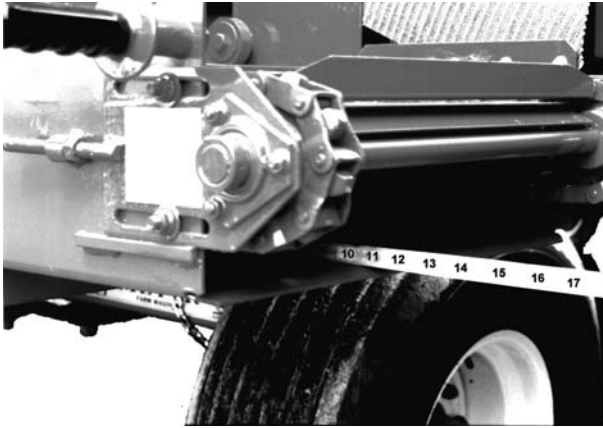
New or used oil is recommended to be applied to the floor and inside of the box walls. Also coat all apron chains and slats with oil.



ADJUSTMENTS



WARNING: DISCONNECT PTO DRIVE SHAFT (OR HYDRAULIC POWER SOURCE) BEFORE CLEANING, ADJUSTING, LUBRICATING OR SERVICING THIS MACHINE. FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.

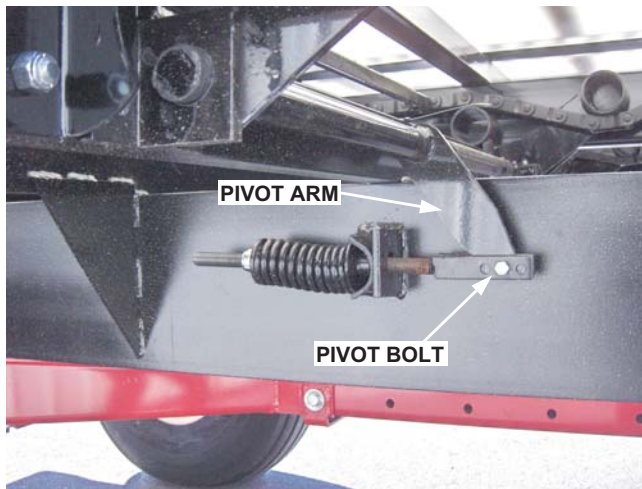


CROSS CONVEYOR CHAIN WITH CROSS APRON HOLD DOWNS

Correct adjustment of the cross apron chain occurs when 12" of chain, APRON SLAT does not touch the BOTTOM PAN of the cross apron return area at the discharge opening. To tighten the chain, loosen the two bolts securing the slotted bearing bracket at each side of the discharge opening. Tighten the chain by tightening the nut on the adjuster bolt. Adjust both sides equally. Retighten the bearing bracket bolts.

MAIN APRON CHAINS

After unloading the first ten loads, check the main apron chain tension. After initial adjustment check chain tension daily for the next five days of operation. Initial wear in of chain will require adjustment to maintain proper chain tension. **FAILURE TO MAINTAIN PROPER CHAIN TENSION MAY VOID WARRANTY.** Removable master links are included in each of the four strands for tightening after tightener travel is at its maximum. Remove a link from each of the four strands at the same time to assure proper timing.



The main aprons are each independently and manually tensioned by a spring loaded tensioner and pivoting arm tightener system. To tighten the main aprons, tighten the tensioner rod on the spring loaded tensioners centrally located at each side of the forage box on the steel 10" stringers. (See page 22) Tighten to 5" compressed length.

In addition to the spring loaded tensioner, there is located on the inner chain strands of each apron assembly a fine adjustment bolt on the pivoting arm tightener. Adjust as needed to equalize stretch in chain strand pairs of each independent apron assembly. See page 22.

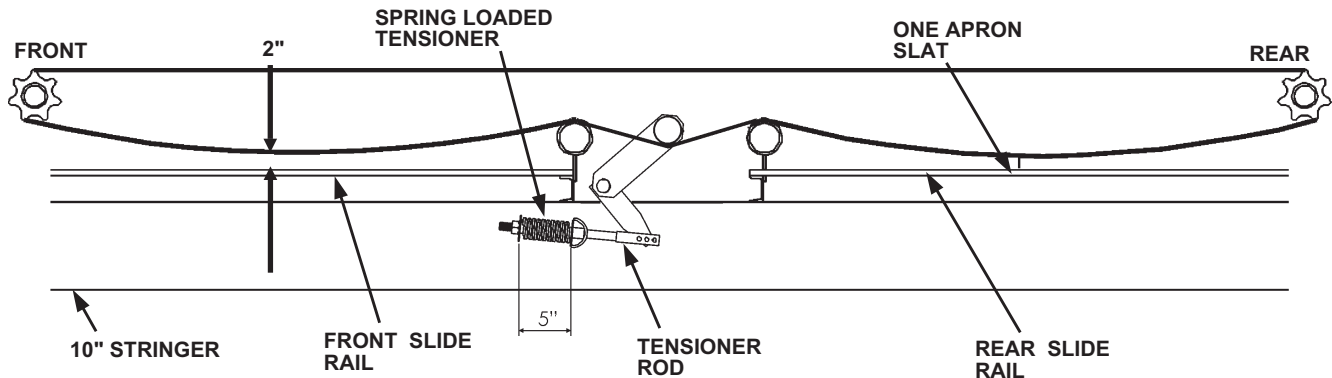


CLEAN-OUT PANEL

Remove clean-out panel on a regular basis to clean out accumulation of foreign material build-up. Keep this area clean for proper cross conveyor chain operation.

ADJUSTMENT DIAGRAMS (Shields Removed for Illustration Purposes Only)

ADJUSTMENT of 6600 SERIES MAIN APRON CHAINS



(Left Hand Side - Side View) - typical both sides

A. For Regular Tightening:

IMPORTANT AT ALL TIMES OF OPERATION!

Correct apron tension occurs when the return main apron slats ride 2" at mid span off of the front pair of slide rails and only one apron slat touches at mid span on the rear pair of slide rails.

For Additional Regular Tightening Adjustment:

There are 3 anchor holes on the clevis end of the tensioner rod. Relieve tension and anchor the clevis to a different hole when there is no more adjustment.

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

B. For Fine Tightening & to Equalize Stretch in Individual Chain Strand Pairs.

1. Allows to Fine Adjust/Tighten Individual Chain Strand Pairs of each Main Apron.
2. Allows to Equalize Stretch in Individual Chain Strand Pairs of each Main Apron.

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

IMPORTANT! WARRANTY MAY BE VOIDED

New Meyer Forage Box "Manufacturer's Warranty" shall not apply to any Meyer Forage Box, main apron chain, which has been subjected to misuse, negligence, alteration, accident or incorrect operation (adjustment) procedures.

Please! Follow Correct Main Apron Tightening and Adjustment Procedures!

ROLLER CHAIN DRIVES

All roller chain drives are tensioned by automatic spring loaded tension blocks.

RANGE CONTROL CLUTCH ADJUSTMENT

With the Range control lever set to "NEUTRAL," the sliding splined jaw clutch should be at midspan between the "LO" and "HI" sprocket clutch jaws on the splined gear cluster shaft. Neither "LO" nor "HI" should be engaged. When the lever is moved to "LO", the engaging jaw clutch should mate with the "LO" range sprocket clutch and have about 1/16" of clearance. Likewise for the "HI" range when the lever is moved to "HI." This engagement is adjusted by changing the length of over-lap on the two, slotted hole linkage bars. See Lubrication Diagram, page 20 for location - A2.

NOTE: Pending sprocket tooth wear, the two clutch sprockets and the sliding splined jaw clutch can be switched from left to right and right to left on the splined gear cluster shaft to access new wear on opposite sides of jaw shoulders.

VARIABLE SPEED BELT REPLACEMENT

3. Shift the Variable Speed control lever to "NEUTRAL" (up).
4. Shift the Range control lever to "NEUTRAL" (center).
5. Move the Independent Outfeed Clutch control lever to "STOP" (up).
6. Lower the Fold Down Cross Conveyor Extension. If machine is equipped.
7. Open cluster shield plastic door.
8. Roll the old belt counter-clockwise off of the top sheaves starting at the 2:00 position.
9. Install the new belt around the lower sheaves and then roll clock-wise onto the top sheaves starting at the 10:00 position.
10. Close and securely fasten the cluster shield plastic door.
11. Raise and latch the Fold Down Cross Conveyor Extension. If machine is equipped.

VARIABLE SPEED CONTROL ADJUSTMENT

When the Variable Speed control lever is in "NEUTRAL," neither the main aprons nor the unloading augers are to operate **when under load** - (when wagon is full of forage). Variable speed operation should begin when the lever is moved down one or two notches from "NEUTRAL." To adjust the drive belt, follow these steps:

1. With the Variable Speed control lever in "NEUTRAL," remove the drive belt as described under Variable Speed Belt Replacement.
2. Move the Variable Speed control lever down to the 2nd from last notch on the control quadrant.
3. Check lower sheaves engagement:
 - A. If bases of sheaves do not set tight together: See step #4 (A)
 - B. If bases of sheaves bottom-out TOO tight together: See step #4 (B)
4. Loosen jam nut and remove bolt from the control rod special bolt and swivel eyelet assembly:
 - A. Lengthen or unthread the eyelet to set base of sheaves tight together.
 - B. Shorten or thread the eyelet to set base of sheaves tight together.
5. Reinstall bolt into control rod special bolt and swivel eyelet assembly, and tighten jam nut.
6. Check adjustment made by creating moderate tension on the Variable Speed control lever when moving lever between 2nd to last notch and last notch on the control quadrant.
7. Place Variable Speed control lever into "NEUTRAL," and reinstall the drive belt as described under Variable Speed Belt Replacement.

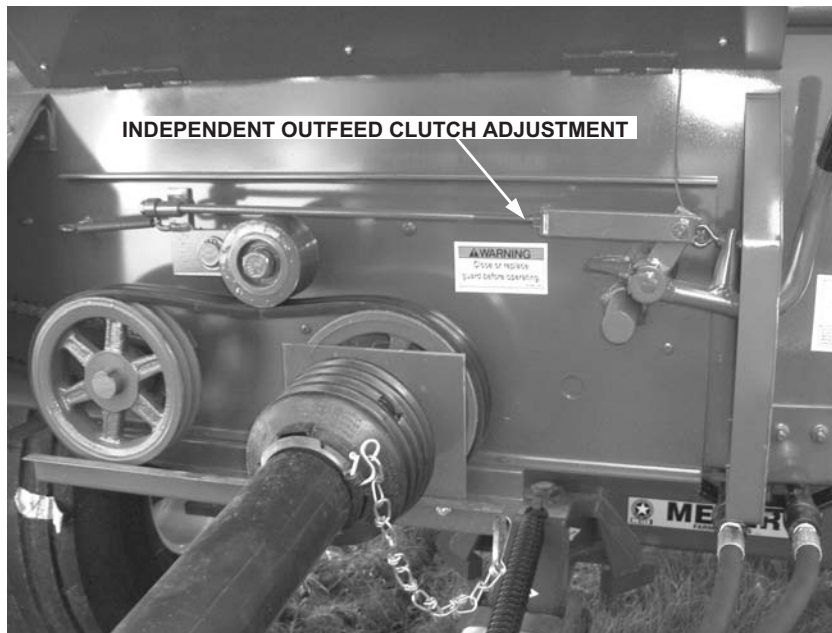
NOTE: The Variable Speed belt should be **RE-PLACED** when sheaves are correctly adjusted and the Variable Speed control lever does not engage the unloading augers until the 5th or 6th notch down on the control quadrant.

INDEPENDENT OUTFEED CLUTCH BELT REPLACEMENT

1. Move the Independent Outfeed Clutch control lever to "STOP" (up).
2. Extend the PTO drive shaft out straight and lower the tractor end down to ground level.
3. Unlatch and raise the hinged top, front chain shield assembly.
4. Remove the clutch bottom bracket - "belt pan."
5. Roll off the old Double V-Belt from the two pulleys.
6. Slide off the old belt down the length and over the end of the PTO drive shaft.
7. Install new Double V-Belt onto the two pulleys and check for proper engage, "RUN" tension. Adjust as needed.
8. Refasten the clutch bottom bracket - "belt pan" and the PTO input shaft cover.'
9. Lower and latch close the hinged top, front chain shield assembly.
10. Raise PTO drive shaft from ground level and return it to the PTO storage bracket.

INDEPENDENT OUTFEED CLUTCH ADJUSTMENT

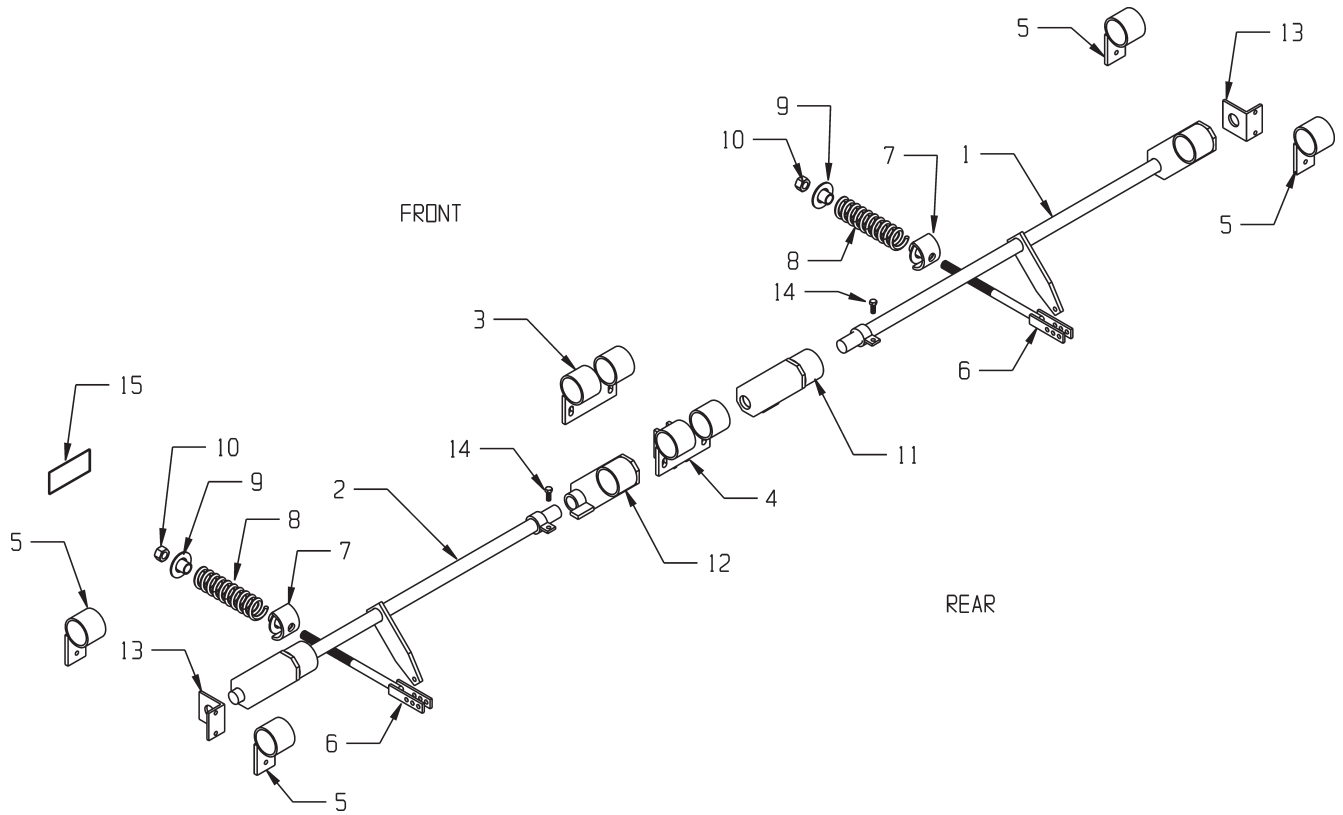
Lengthen or shorten linkage bolt with jam nut to create moderate tension on the Double V-Belt when engaging the Independent Outfeed Clutch control lever into the "Run" position.



INDEPENDENT OUTFEED CLUTCH (Shield Removed for Illustration Purposes Only)

REPAIR PARTS

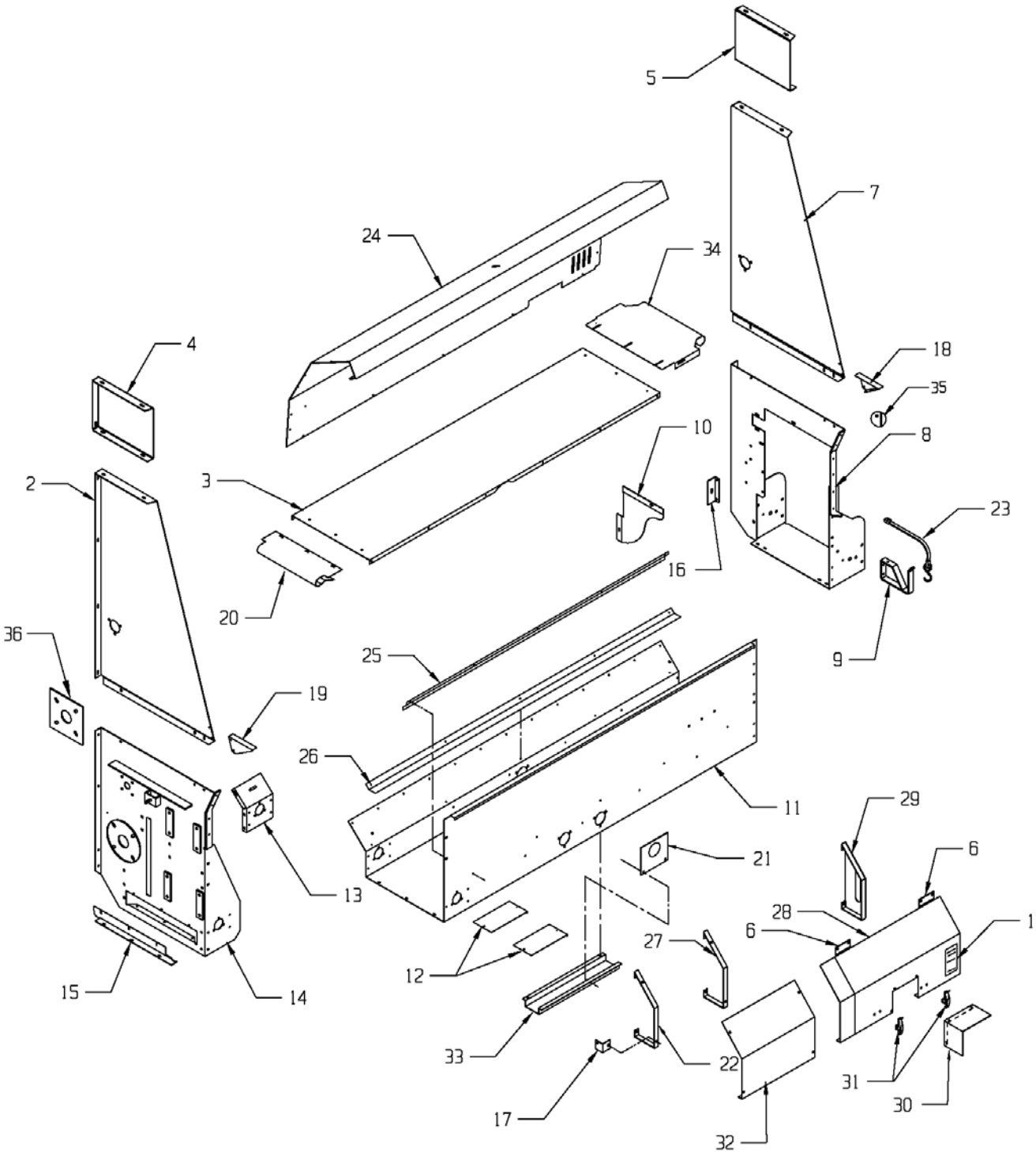
Front Unload Forage Box Main Apron Chain Tightener



Front Unload Forage Box Main Apron Chain Tightener

Key	Part No.	Qty	Description
1	25-6010	1	Tightener Assy., R Main Apron 42" Stringers
	25-6010-TRUCK	1	Tightener Assy., R Main Apron 33-1/2" Stringers
2	25-6009	1	Tightener Assy., L Main Apron 42" Stringers
	25-6009-TRUCK	1	Tightener Assy., L Main Apron 33-1/2" Stringers
3	25-6012	1	Center Lift Pipe Assy., Main Apron
4	25-6013	1	Center Lift Pipe Assy., Main Apron
5	25-6008	1	Outside Lift Pipe, Main Apron Chain
6	25-6007	2	Tightener Rod Assy., Main Apron
7	25-6011	2	Rocking sleeve Assy., Tightener Bolt
8	929-0002	2	Main Apron Tightener Spring
9	925-3841	2	Outer Spring Guide, Tightener Assy.
10	815-7510-Z	2	Nut
11	25-6024	1	Adjustable Tightener Arm RH
12	25-6023	1	Adjustable Tightener Arm, LH
13	25-0215	2	Tightener Assy. Mount Angle
14	851-5013-1.25Z	2	1/2-13 x 1 1/4" Gr5 Bolt (Fine Adjustment Bolt)
15	46-0001-86	2	Decal, Instruction

TSS Unit Frame W/ IOC

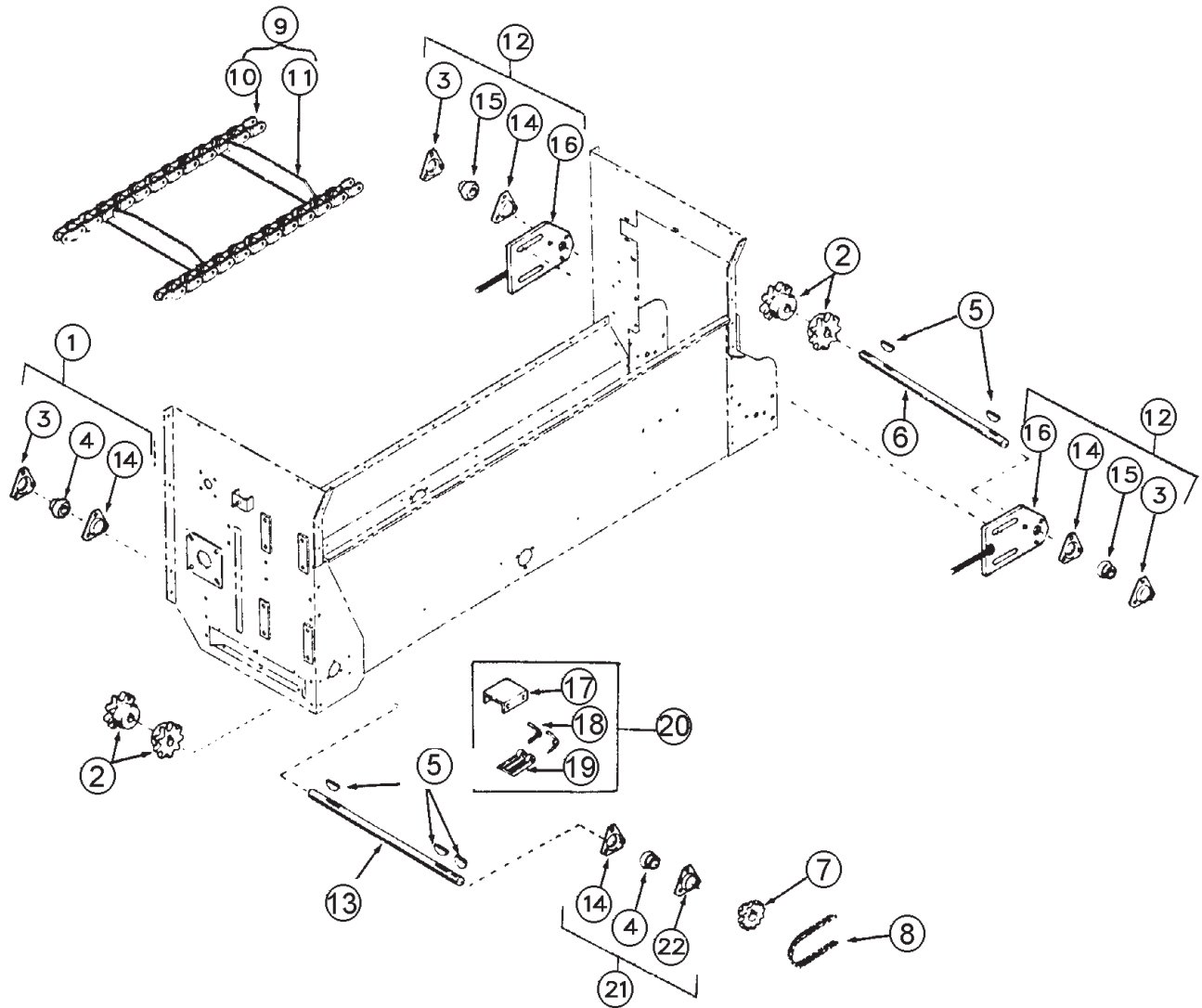


TSS Unit Frame W/ IOC

KEY	PART NO.	QTY	DESCRIPTION
1	46-0001-66	1	Clutch Stop - Run Decal
2	25-0148-2	1	RH Top Auger Extension
3	27-0027	1	Top Apron Pan
4	25-0148-2-12	1	Auger Plate Ext., RH
5	25-0148-1-12	1	Auger Plate Ext., LH
6	24-0123-2	2	Hinge Only, 4" Long- Heavy Duty
7	25-0148-1	1	LH Top Auger Extension
8	39-0017	1	Discharge Frame-Left Hand Unload
	39-0017-RH	1	Discharge Frame-Right Hand Unload
9	25-0006	1	PTO Hanger Bracket
10	24-0099	1	Auger Guard-Left Hand Unload
	24-0099-RH	1	Auger Guard-Right Hand Unload
11	27-0031	1	Apron Pan
	27-0031-RH	1	R.H. Apron Pan
12	24-0103	2	Access Cover
13	39-0024	1	Pan Support Bracket
	39-0024-RH	1	R.H. Pan Support Bracket
14	39-0023	1	End Frame Weldment-Left Hand Unload
	39-0023-RH	1	End Frame Weldment-Right Hand Unload
15	27-0026	1	TSS Clean-Out Panel
16	39-0015-1	1	Left End Frame Tab
17	24-0010-2	1	Front Shield Angle Clip
18	34-0007	1	LH Spillage Guard Gusset
19	34-0008	1	RH Spillage Guard Gusset
20	24-0079	1	Right Conveyor Shaft Shield
21	24-0125-1	1	Clutch, PTO Shaft Cover
22	25-0266-1	1	RH, Front Shield Bracket
23	33-0032	1	Hold Down Strap
24	31-0013	1	Solid Spillage Guard-Left Hand Unload
	31-0013-RH	1	Solid Spillage Guard-Right Hand Unload
25	25-0200	1	TSS X-Apron Front Hold-down-Left Hand Unload
	25-0200-RH	1	TSS X-Apron Front Hold-down-Right Hand Unload
26	25-0203	1	TSS X-Apron Rear Hold-down
27	25-0265-1	1	Center, Front Shield Bracket
28	24-0123	1	Hinged Front Chain Shield Assembly-Left Hand Unload
	24-0123-RH	1	Hinged Front Chain Shield Assembly-Right Hand Unload
29	24-0122	1	Clutch Front Shield End Cap-Left Hand Unload
	24-0122-RH	1	Clutch Front Shield End Cap-Right Hand Unload
30	31-0005	1	PTO Guard (LH)
	31-0002	1	PTO Guard (RH)
31	32-0001-1	1	Door Catch, Latch
32	24-0124	1	RF Stationary Chain Shield
33	25-0261	1	Clutch Bottom Bracket, Belt Pan
34	24-0059	1	Left Conveyor Shaft Shield (No Ext. Only)
35	25-6001-1	1	Auger Shield Catch
36	39-0018-1	1	RH End Frame Seal Plate
NS	TSS-POLY-CC-EXT	1	Poly Cross Conveyor Option for Units with 2' Extension

* FOR EXTENSION SEE PAGE 32.

TSS CROSS CONVEYOR W/IOC



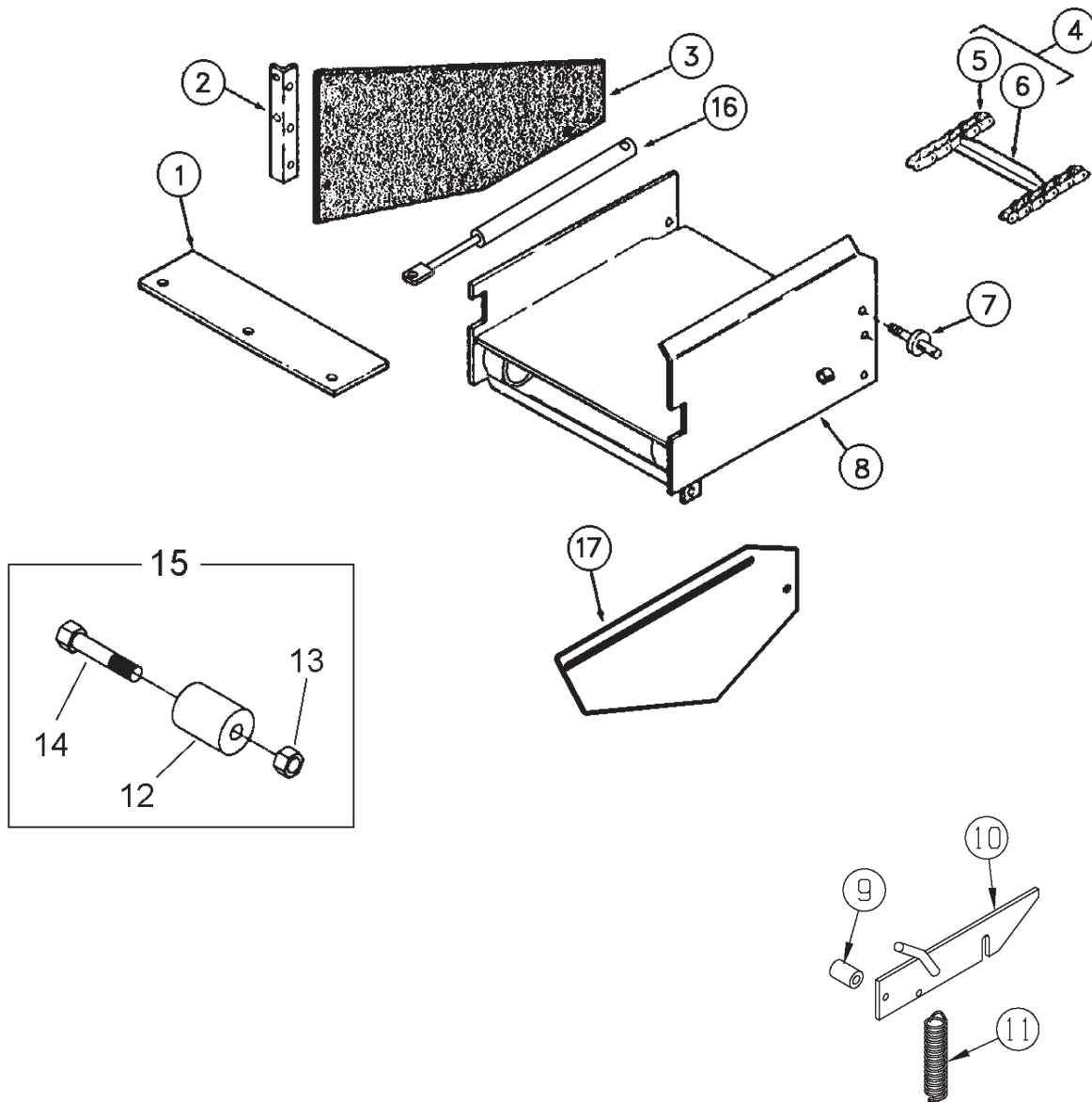
TSS CROSS CONVEYOR W/IOC

KEY	PART NO.	QTY	DESCRIPTION
1	14-0004	1	Bearing Assembly, 1" w/90 Degree Grease Ftg
2	10-0008	4	Sprocket, No.55-8 Tooth
3	14-0057-1	3	3 Hole Flange w/Straight Grease Fitting for 1" Bearing
4	14-0004-3-BTS	2	Bearing, 1" w/collar B-Type Seal
5	35-0002	5	Key, Woodruff, 1/4"x1-1/4"
6	23-0023	1	Shaft, Cross Conveyor (Left)
7	10-0007	1	Sprocket, 50B28, 1" Bore
8	11-0140	1	Roller Chain - #50 (142 links)
9	11-0059	1	Ext. Pintle Chain Assy., Complete
10	11-0006-1	264	Link, Pintle Chain (W/2 pins & cotter pins)
11	11-0006-2	19	Chain Slat w/attachments
12	14-0022	2	Tightener Bearing Assy.
13	23-0008	11	Cross Conveyor Shaft (Right)
14	14-0058-1	4	3 Hole Flange w/No Grease Fitting for 1" Bearing
15	14-0004-3-BTS	2	Bearing, 1" w/collar B-Type Seal
16	25-0074	2	Bracket, Tightener Bearing
17	25-0011	1	Bracket, Chain Tightener
18	29-0002	2	Spring, Chain Tightener
19	41-0001	1	Tightener 5", Nylon Slide
20	41-0024	1	Tightener Assy.
21	14-0004	1	Bearing Assembly, 1" w/90 Degree Grease Ftg
22	14-0059-1	1	3 Hole Flange w/90 Degree Grease Fitting for 1" Bearing

#52-0001TK TSS 12" EXTENSION KIT
(Regular LH Unloading)

#52-0001TK-RH TSS EXTENSION KIT
(Optional RH Unloading)

#52-0021 OPTIONAL HYDRAULIC LIFT PKG
(Not Shown)

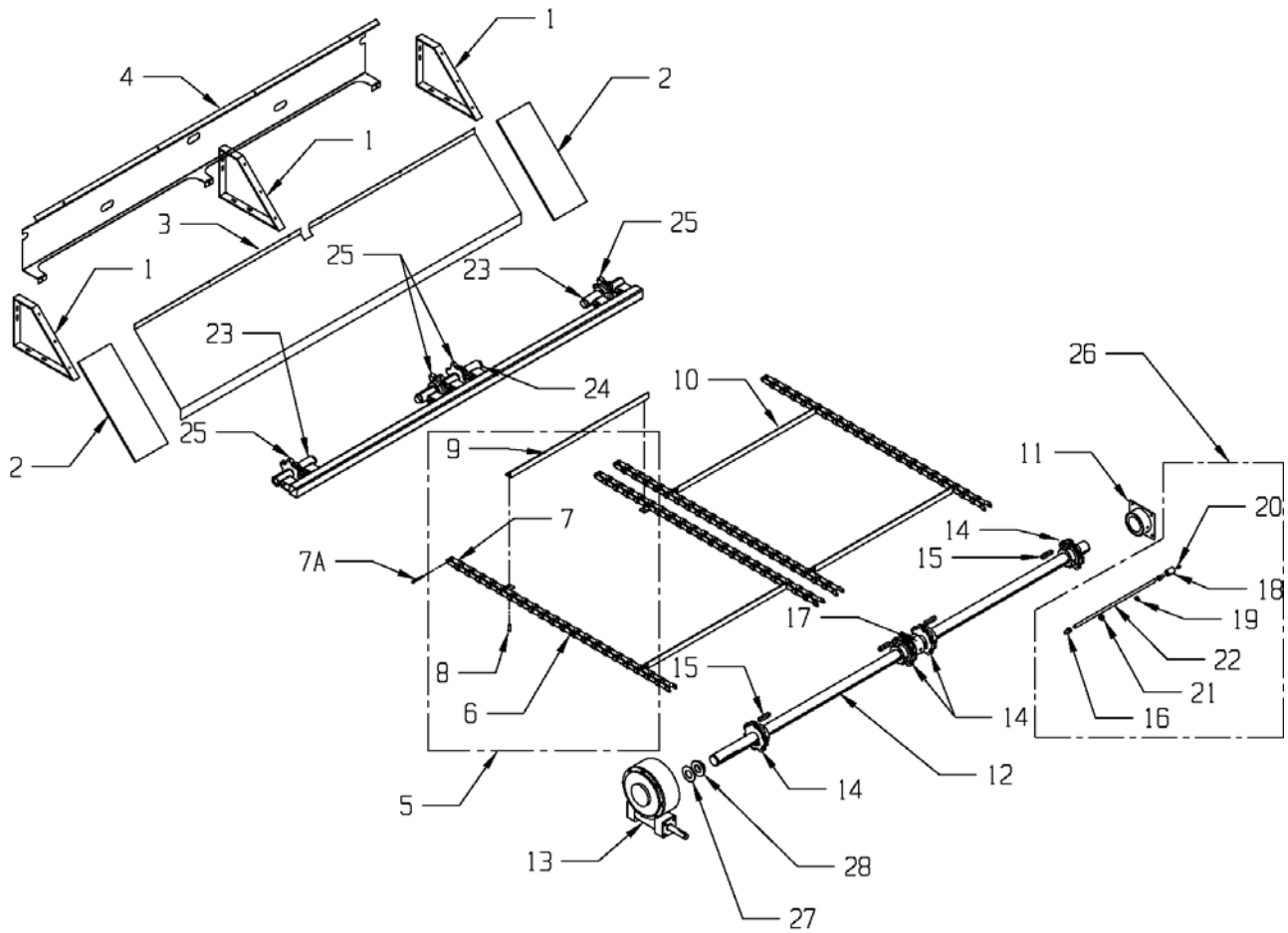


#52-0001TK TSS 12" EXTENSION KIT
 (Regular LH Unloading)
#52-0001TK-RH TSS EXTENSION KIT
 (Optional RH Unloading)
#52-0021 OPTIONAL HYDRAULIC LIFT PKG

KEY	PART NO.	QTY	DESCRIPTION
	52-0001-TK	1	TSS Optional Extension Kit 12"
	52-0001-TK-RH	1	TSS Optional Extension Kit 12" Right Hand Unload
1	24-0068	1	Cross Apron Top Panel Shield
2	25-0075	1	Belting Shield Mount Angle
3	49-0004	1	Belting, Shield
4	11-0061	1	Chain Assembly, Pintel Extension
5	11-0006-1	24	Link, Pintel Chain Extension
6	11-0006-2	2	Chain Slat w/Attachments
7	51-0001	1	Handle Less Grip
	51-0004	1	Black Plastic Grip
8	45-0002	1	Frame Extension 12"
	45-0002-RH	1	Frame Extension 12" Right Hand Unload
	45-0003-FB	1	Frame Extension 24" W/Hydraulic Lift Shaft
	45-0003-FB-RH	1	Frame Extension 24" Right Hand Unload W/Hydraulic Lift Shaft
9	45-0002-7	1	Rod, Tubular Spacer
10	25-0076	1	Bracket, Handle Catch W/Grip
	51-0006	1	Black Plastic Grip
11	29-0005	1	Spring
12	23-0064	2	Chain Holddown Shaft
13	814-5013-Z	2	1/2-13 Indented Locknut
14	851-5013-2.25Z	2	1/2-13x2-1/4" M.B.
15	44-0051	2	Extension Holddown Shaft Assy. w/Bolt
16	955-3703	1	Gas Shock (2011 Model Year and Later)
17	39-0017-2	1	Deflector (2011 Model Year and Later)

#52-0021 HYDRAULIC LIFT EXTENSION PARTS (Not Illustrated)		
PART NO.	QTY.	DESCRIPTION
55-0093	1	2X8" Hydraulic Cylinder
25-0235	1	Upper Cylinder Mount Plate
955-0002	2	3/8x27" hydraulic Hose
55-0054	1	3/8x21" Hydraulic Pipe
55-0067	1	3/8x14" Hydraulic Pipe
955-3605	2	3/8x90 Degree Elbow
955-3609	4	3/8" NPT Coupler
955-0003	2	3/8x90 Degree Street Elbow
933-3602	1	Hydraulic Pipe Bracket
25-0234	1	Hydraulic Pipe Mount Bracket
55-0052	2	3/8x24" Hydraulic Pipe
29-0012	1	Hydraulic Hose Support Spring
55-0033-S	1	1/4" Twin hose Clamp
55-0051	2	1/4x130" Hydraulic Hose
811-3118-2Z	1	5/16-18x2" Eyebolt
823-.18-1.25Z	1	3/16x1-1/4" Cotter Pin

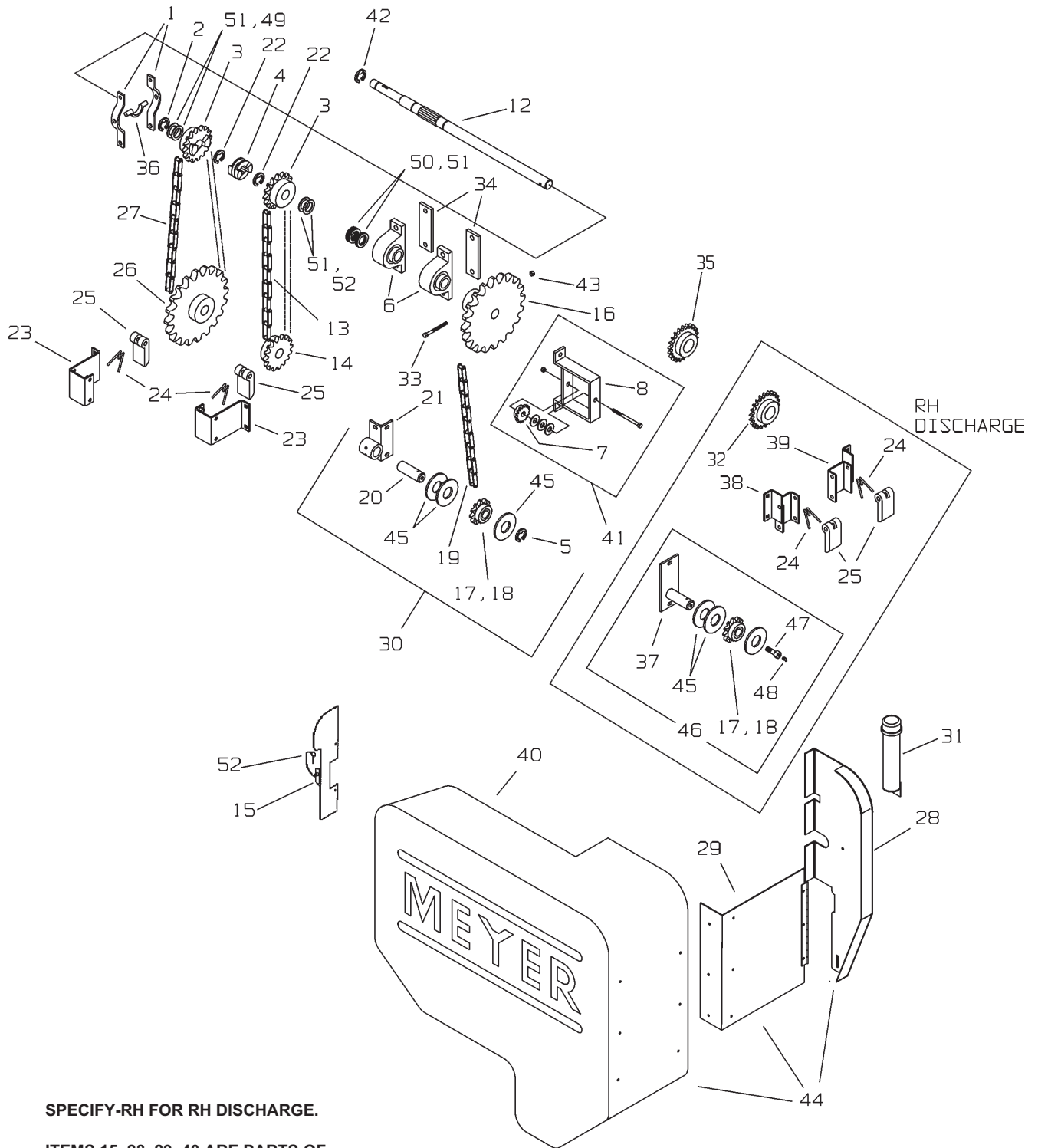
FRONT UNLOAD MAIN APRON



FRONT UNLOAD MAIN APRON

KEY	PART NO.	QTY	DESCRIPTION
1	25-0141	3	Brkt, Deflector Shield Support
2	49-0006	2	Rear Deflector Shield Belting
3	24-0090	1	Deflector Shield
4	24-0127	1	Rear Shield (Prior to Serial # 11T7205)
	24-0131	1	Rear Shield w/LED Light Cutouts (Serial #11T7205 & Later)
5	11-0165-D	2	6620 Floor Chain Assembly DH667X
	11-0166-D	2	6622 Floor Chain Assembly DH667X
	11-0167-D	2	6624 Floor Chain Assembly DH667X
6	11-0008-3-D		Attachment Link-DH667X
7	11-0008-1-D		Pintle Chain Link-DH667X
7A	11-0008-8		Pintle Chain Pin 667X
8	11-0008-2	88	Rivet, 3/8x1
9	11-0080		Main Apron Slat Only
10	11-0084-2-D		Chain Slat w/attachments-DH667X
11	14-0050	1	Shaft Bearing Assy., Front Drive
12	23-0155-1-1045	1	Front Drive Shaft
13	19-0151	1	Front Gear Reducer Less Shaft (50:1) (See page 50)
14	10-0094-F	4	Sprocket Assy., Front Main Drive
15	35-0008	4	1/2x1/2x2" Square Key 1045
16	930-3602	2	Male Brass Compression Fitting
17	14-0038	1	Front Center Main Drive Bearing
18	30-0009	1	1/8" NPT Coupler
19	32-0024	1	9/32" Loom Clamp
20	30-0002	1	1/8" NPT Straight Zerk
21	33-1003	1	Rubber Grommet
22	735-.25CT		Copper Tube Grease Line (By the foot)
23	23-0110	2	RH/LH Idler Shaft
24	23-0111	1	Center Idler Shaft
25	10-0075	4	Rear Idler Sprockets W/Bushing
	13-0018	4	Bronze Bushing
26	933-3637	1	Grease Line Assy
27	933-3606	1	Bronze Washer
28	25-6016	1	Washer Assy, Front Drive

TWO SPEED CLUSTER DRIVE



SPECIFY-RH FOR RH DISCHARGE.

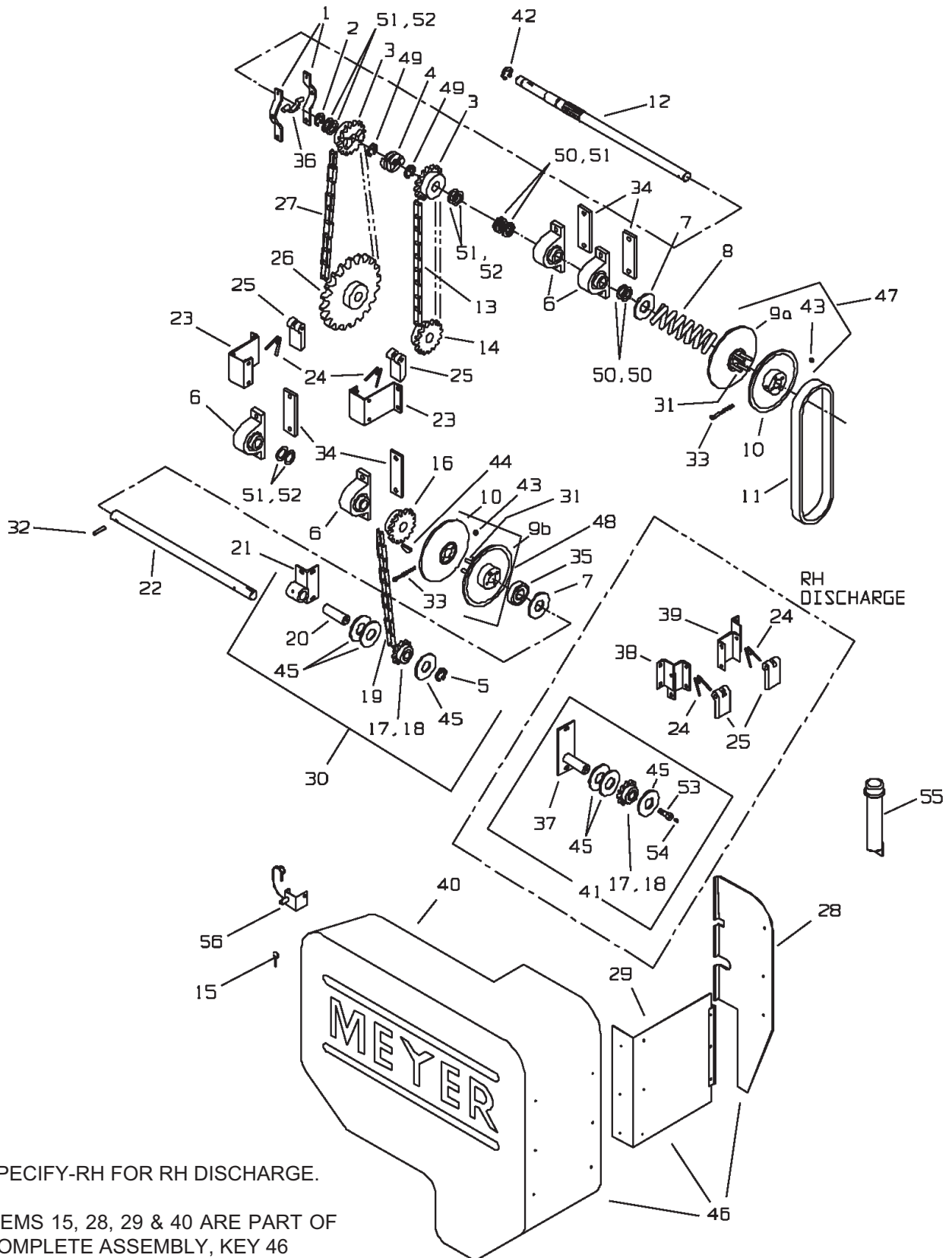
ITEMS 15, 28, 29, 40 ARE PARTS OF COMPLETE ASSEMBLY, KEY 44.

TWO SPEED CLUSTER DRIVE

KEY	PART NO.	QTY.	DESCRIPTION
1	17-0001	2	Clutch Shifter Yoke
2	33-0012	1	1-1/4 Dia Retaining Ring
3	10-0006	2	Clutch Sprocket 50C16 1-1/4 Bore
4	15-0001	1	Jaw Clutch 1-1/4 Splined Bore
5	33-1000	1	1-1/8" Retaining Ring
6	14-0032	4	1-1/4 Pillow Block Bearing
	14-0002-3G		1-1/4 Bearing Only (greaseable)
7	10-0068	1	Idler Sprocket 50C17 w/Bearing
	10-0068-1		1/2" Idler Bearing Only
8	25-0165	1	Idler Sprocket Mounting Brkt
12	19-0015-1-2SP	1	Upper Gearbox Input Shaft, Drilled
13	11-0016	1	#50-75 Roller Chain
14	10-0093	1	Sprocket 50B24 1-1/4" Bore 5/16" Keyway
15	823-0003	1	Pin
16	10-0072	1	Sprocket 50C28 1-1/4" Bore, Drilled
17	14-0026	1	1-1/8" B Needle Bearing Only
18	10-0061	1	Idler Sprocket 50C17 w/Needle Bearing
19	11-0100	1	#50-240 Roller Chain
20	23-0044	1	Idler Shaft
21	25-0164	1	Idler Bracket Weldment
22	33-0018	2	1-1/4" Snap Ring
23	25-0161-1	2	Chain Tensioner Bracket
24	29-0002	4	Tensioner Spring
25	41-0001	2	Tightener, 5" Nylon Slide
26	10-0058	1	Sprocket 50B42 1-1/4 Bore
27	11-0030	1	#50-85 Roller Chain
28	25-0198	1	Shield Mount Plate
29	24-0112-4	1	Shield Support with Hinge
30	44-0048	1	2-Spd Front Idler Shaft Assy.
31	33-0044	1	Manual Holder w/Caps
32	10-0004	1	Lower Shaft Sprocket, 50B17 1 1/4" Bore, 1/4" Keyway
33	851-3118-3.5Z	2	5/16x3-1/2 MB GR5
34	43-0013	4	Spacer Plate
35	10-0019	1	Sprocket 50B22 1" Bore
36	21-0001	1	Collar, Clutch Shifter-Brass
37*	25-0189	1	2-Spd Idler Brkt Plate & Shaft Weldment
38*	25-0183-RHH	1	Tightener Bracket Weldment (High)
39*	25-0183-RHL	1	Tightener Bracket Weldment (Low)
40	24-0112-1	1	Plastic Door Only
41	44-0049	1	2 Spd Idler Brkt Assy. w/Sprocket
42	19-0002-8		1" ID Snap Ring
43	815-3118-Z	1	5/16" Nylon Insert Lock Nut
44	24-0112-K	1	T700 Unit Shield Assembly
45	808-1.13-1.75-18	A/R	18 Ga. 1-1/8 ID Machine Bushing
46*	44-0050	1	RH 2 Spd Idler Plate Assy. w/Sprocket
47	33-0030-RH	1	Idler Shaft Grease Bolt, 1/2"x3/4
48	30-0004	1	1/4"-28 90° Grease Fitting
49	808-1.25-1.875-18	A/R	18 Ga. 1-1/4 ID Machine Bushing
50	808-1.25-1.875-10	A/R	10 Ga. 1-1/4 ID. Machine Bushing
51	808-1.25-1.875-14	A/R	14 Ga. 1-1/4 ID Machine Bushing
52	25-0197	1	Plastic Cluster Door Catch Bracket

* These items for RH discharge units only

TSS VARIABLE SPEED CLUSTER DRIVE W/IOC



SPECIFY-RH FOR RH DISCHARGE.

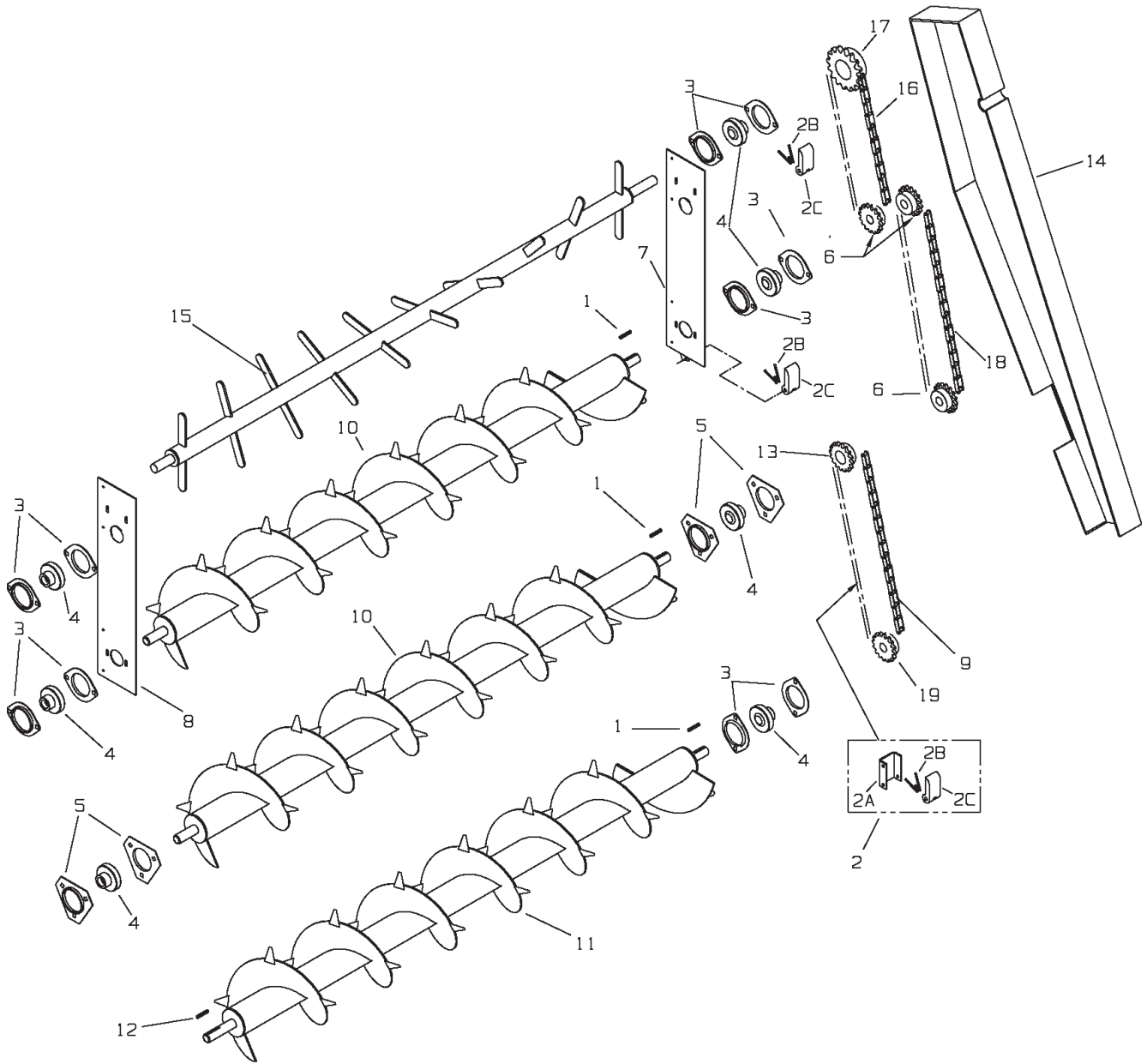
ITEMS 15, 28, 29 & 40 ARE PART OF COMPLETE ASSEMBLY, KEY 46

TSS VARIABLE SPEED CLUSTER DRIVE W/IOC

KEY	PART NO.	QTY.	DESCRIPTION
1	17-0001	2	Clutch Shifter Yoke
2	33-0012	1	1-1/4 Dia Retaining Ring
3	10-0006	2	Clutch Sprocket 50C16 1-1/4 Bore
4	15-0001	1	Jaw Clutch 1-1/4 Splined Bore
5	33-1000	1	1-1/8" Retaining Ring
6	14-0032	4	1-1/4 Pillow Block Bearing
	14-0002-3G		1-1/4 Bearing Only (greaseable)
7	828-0125Z	1	SAE Washer 1-1/4 ID
8	29-0009	1	Spring, Clutch
9a	12-0015-HD	1	Variable Sheave Half, Tapped (Upper Sheave Shaft)
9b	12-0009-HD	1	Variable Sheave Half, Tapped (Lower Sheave Shaft)
	12-0009-1	1	Rubber O-Ring Only (not illustrated)
10	12-0010-HD	2	Fixed Sheave Half
11	49-0013	1	Belt
12	19-0015-1	1	Upper Gearbox Input Shaft
13	11-0016	1	#50-75 Roller Chain
14	10-0093	1	Sprocket 50B24 1-1/4" Bore, 5/16" Keyway
15	823-0003	1	Pin
16	10-0035	1	Sprocket 50B19 1-1/4" Bore
17	10-0061	1	Idler Sprocket 50C17 w/Needle Bearing
18	14-0026	1	1-1/8" B Needle Bearing Only
19	11-0140	1	#50-142 Roller Chain
20	23-0044	1	Idler Shaft
21	25-0160	1	Idler Bracket Weldment
22	23-0045	1	Lower Shaft
23	25-0161-1	2	Chain Tensioner Bracket
24	29-0002	4	Tensioner Spring
25	41-0001	2	Tightener, .5" Nylon Slide
26	10-0058	1	Sprocket 50B42 1-1/4" Bore
27	11-0030	1	#50-85 Roller Chain
28	25-6014	1	Shield Mount Plate
29	24-0112-4	1	Shield Support with Hinge
30	44-0047	1	TSS Front Idler Shaft Assy.
31	12-0011-HD	8	Guide Pins, 1/2" Dia.
32	38-0013	1	Roll Pin, 5/16x1-3/4
33	851-3118-3.5Z	2	5/16x3-1/2 MB GR5
34	43-0013	4	Spacer Plate
35	14-0029	1	1-1/4" Thrust Bearing
36	21-0001	1	Collar, Clutch Shifter-Brass
37*	25-0184	1	Idler Brkt Plate & Shaft Wldmt
38*	25-0183-RHH	1	Tightener Bracket Wldmt (High)
39*	25-0183-RHL	1	Tightener Bracket Wldmt (Low)
40	24-0112-1	1	Plastic Door Only
41*	44-0047-RH	1	RH TSS Front Idler Shaft Assy.
42	19-0002-8		15/16" ID Snap Ring
43	815-3118-Z	2	5/16" Nylon Insert Lock Nut
44	35-0002	1	1/4x1-1/4" Woodruff Key
45	808-1.13-1.75-18	A/R	18 Ga. 1-1/8 ID Machine Bushing
46	24-0112-K	1	T700 Unit Shield Assembly
47	12-0015K	1	Upper Sheave Kit Complete
48	12-0009K	1	Lower Sheave Kit Complete
49	33-0018	2	1 1/4" Snap Ring
50	808-1.25-1.875-10	A/R	10 Ga. 1-1/4 ID Machine Bushing
51	808-1.25-1.875-14	A/R	14 Ga. 1-1/4 ID Machine Bushing
52	808-1.25-1.88-18	A/R	18 Ga. 1-1/4 ID Machine Bushing
53	33-0030-RH	1	Idler Shaft Grease Bolt, 1/2"x3/4"
54	30-0004	1	1/4"-28 90° Grease Fitting
55	33-0044	1	Manual Holder w/Caps
56	25-0197	1	Plastic Cluster Door Catch Bracket

* These items for RH discharge units only

TSS AUGERS & AUGER DRIVE



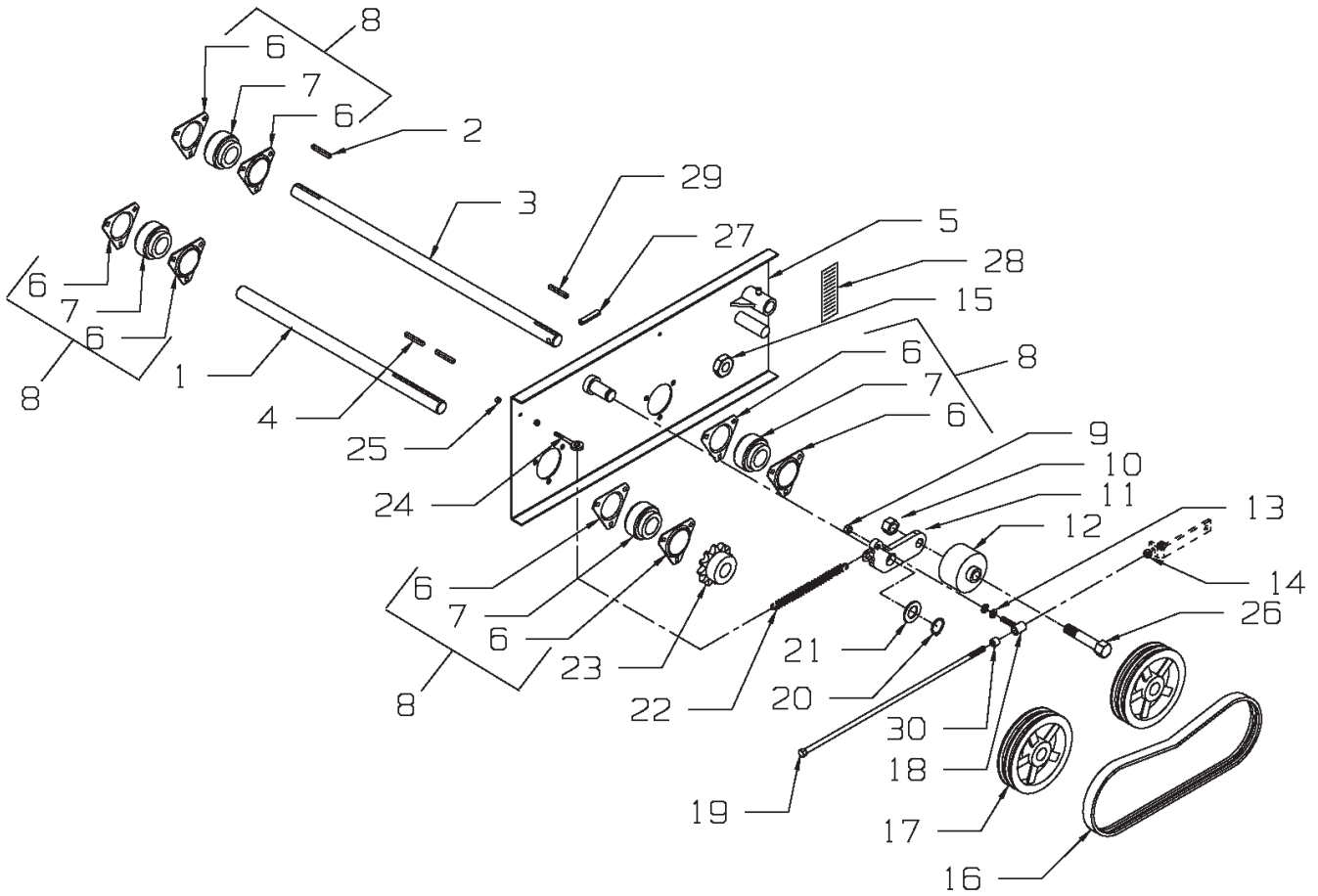
IF YOUR UNIT IS OPTIONAL RH DISCHARGE, OPPOSITE TO ILLUSTRATION, SPECIFY LISTED PART NO. FOLLOWED BY -RH

TSS AUGERS & AUGER DRIVE

KEY	PART NO.	QTY.	DESCRIPTION
1	35-0006	4	Key 3/8x1-1/4
2	41-0009	1	Lower Auger Drive Chain Tightener Assembly
2A	25-0047	1	Mounting Bracket
2B	29-0002	2	Spring
2C	41-0002	2	Tightener, 3" Nylon Slide
3	14-0003-2	10	1-1/4 Bearing Flange, 2 Hole
4	14-0002-3	7	Bearing w/Collar 1-1/4
5	14-0002-2	4	1-1/4 Bearing Flange, 3 Hole
6	10-0012	3	Sprocket 50B17, 1-1/4 Bore, 3/8" Keyway
7	25-6025	1	Top Auger Mounting Bracket w/Tightener Bracket
8	100-9990-200-1-1	1	Right Top Auger Mounting Bracket
9	11-0079	1	Lower Auger #60-80 Roller Chain 4th Auger Option (Prior to SN 11T7201)
	111-0060-83	1	Lower Auger #60-83 Roller Chain 4th Auger Option (SN 11T7201 & Later)
10	26-0034	2	Auger 2nd & 3rd
	26-0034-FB	AR	Auger 2nd & 3rd (Heavy Teeth)
11	26-0033	1	Lower Auger 1/4" Key (Prior to Serial #09T7201)
	26-0036	1	Lower Auger 5/16" Key (Serial #09T7201 & Later)
	26-0036-FB	AR	Lower Auger 5/16" Key (Heavy Teeth)
12	35-0030-H	1	Key 5/16x1-1/4" Hardened (Prior to SN 11T7201)
	135-31W-1.25-1	1	Woodruff Key 5/16"x1-1/4" Hardened (SN 11T7201 & Later)
13	10-0095	1	60B15 Sprocket, 1-1/4" Bore, 3/8" Keyway
14	24-6004	1	Auger Shield Welded Assy.
14A	24-0123-2	3	Hinges Only
15	26-0035	1	Upper Auger 4th
16	11-0139	1	3rd-4th Auger Chain #50-89 Link
17	10-0009	1	50B36 Sprocket, 1-1/4" Bore, 3/8" Keyway
18	11-0074	1	2nd-3rd Auger Chain #50-94
19	10-0095	1	Sprocket 60B15, 1-1/4" Bore, 3/8" Keyway, 4th Auger Option, (Prior to SN 11T7201)
	110-60B20-1.25-1	1	Sprocket 60B20 1-1/4" Bore, 3/8" Keyway, 4th Auger Option (SN 11T7201 and Later)

INDEPENDENT OUTFEED CLUTCH DRIVE

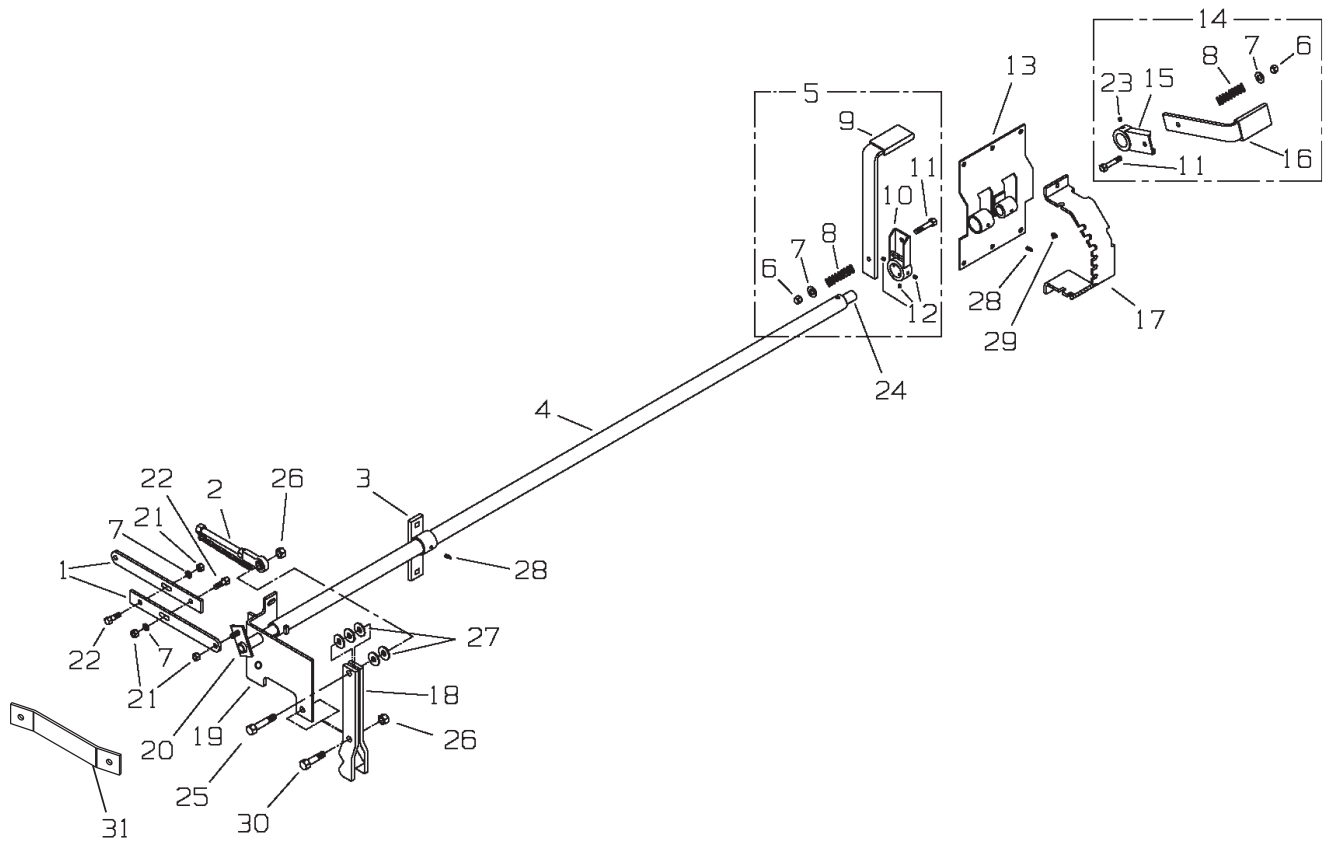
"STOP" & "RUN" CONTROL RELATED PARTS



INDEPENDENT OUTFEED CLUTCH DRIVE

KEY	PART NO.	QTY.	DESCRIPTION
1	23-0081	1	Clutch Drive Idler Shaft
2	35-0016	1	1/4" x 1/4" x 2-1/4" Key
3	23-0082	1	2-Way Unit Center Shaft
4	35-0001	2	1/4" x 1/4" x 1-1/8" Key
5	25-0267	1	Clutch Plate Weldment w/Jam Nut
6	14-0002-2	8	Flange, 3 Hole, 1-1/4"
7	14-0002-3	4	Bearing, 1-1/4" w/Collar
8	14-0002	4	Bearing Assembly, 1-1/4"
9	814-3816-Z	1	3/8" -16 Indented Lock Nut
10	933-3621	1	3/4" -10 Jam Nut
11	25-0260-4	1	Clutch Tightener Arm Weldment
12	912-0002-1	1	Tightener Roller 2" (Rubber)
13	805-0038-Z	2	3/8" Flat Washer
14	813-3816-Z	1	3/8" -16 Regular Nut
15	826-1014	1	1"-14 Jam Nut (only)
16	49-0023	1	Clutch, Double V-Belt
17	12-0020	2	8" Double Pulley, 1-1/4"B, 1/4" KWY
18	16-0041	1	Linkage Pivot Sleeve Weldment
19	801-3816-17.5	1	3/8" -16 x 17-1/2" HHCS
20	33-0020	1	Retaining Ring
21	808-1-1.15-18	A/R	18 Ga. 1" ID Machine Bushing
22	29-0005	1	Extension Spring
23	10-0004	1	50B17 Sprocket, 1-1/4"B, 1/4" KWY
24	811-2520-2.5Z	1	1/4" -20 x 2-1/2" Eye Bolt - Zinc
25	810-2520-Z	2	1/4" -20 Flange Spin Lock Nut
26	851-7510-3Z	1	3/4" -10 x 3" GR5 MB ZN
27	38-0015	1	5/16" x 2" Roll Pin
28	46-0001-68	1	Rear Unload Engage/Disengage Decal
29	35-0021	1	1/4" x 1/4" x 1-3/4" Key
30	43-0022	1	Spacer

VARIABLE SPEED SHIFTER CONTROLS AND EMERGENCY STOP CLUTCH RELATED PARTS

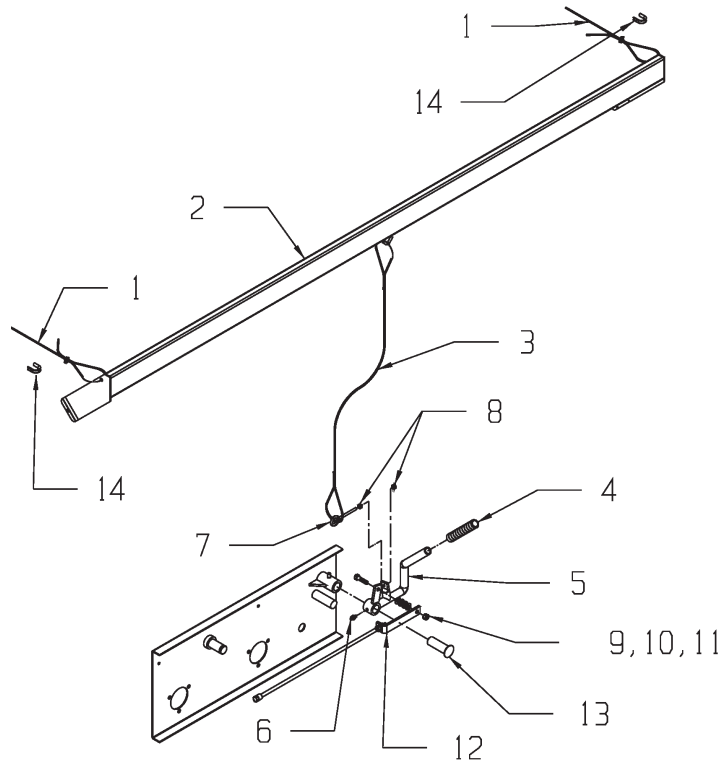


IF YOUR UNIT IS OPTIONAL RH DISCHARGE, OPPOSITE TO ILLUSTRATION, SPECIFY LISTED PART NO. FOLLOWED BY -RH

VARIABLE SPEED SHIFTER CONTROLS AND EMERGENCY STOP CLUTCH RELATED PARTS

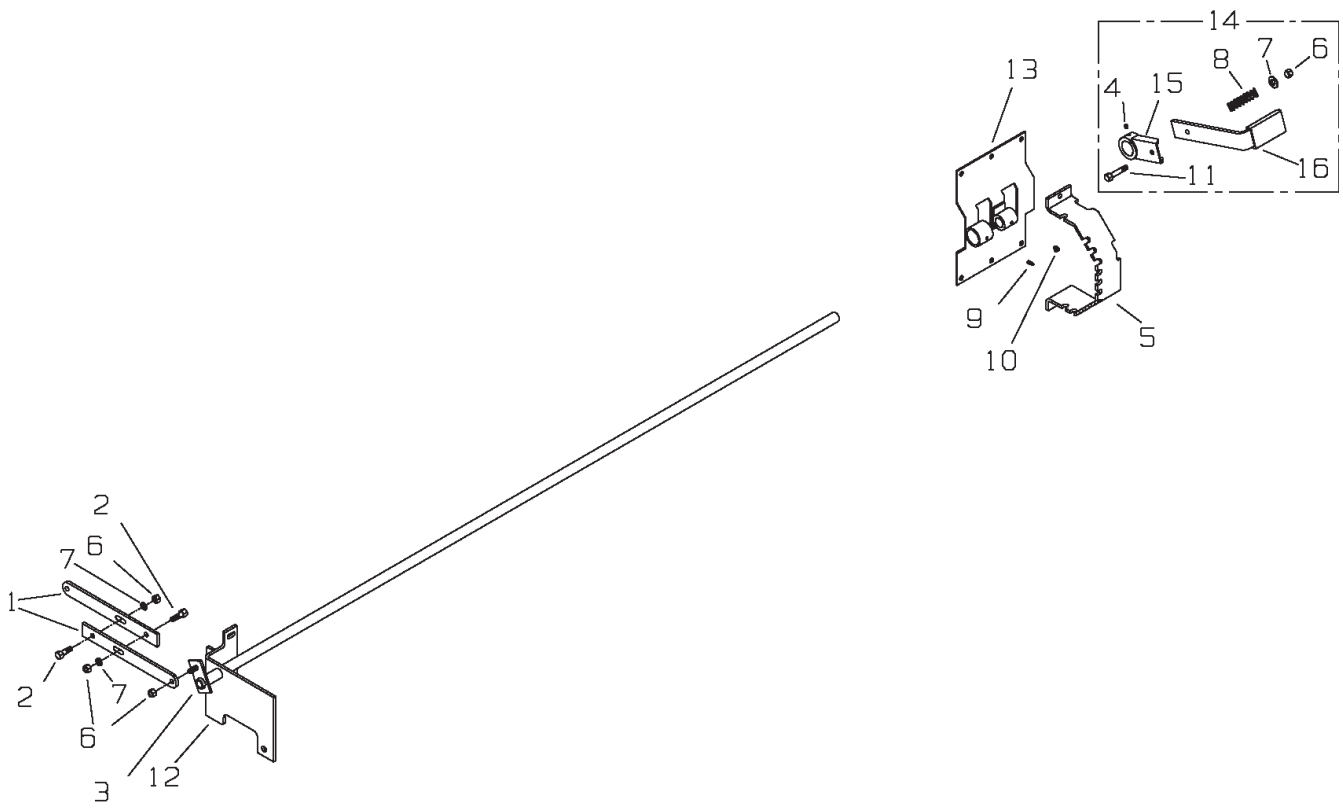
KEY	PART NO.	QTY.	DESCRIPTION
1	42-0022-1	2	Linkage Bar
2	42-0021	1	Bolt w/chain& Eyelet
3	42-0013	1	Pipe Guide Bracket Assy.
4	16-0031	1	Speed Control Pipe-Left Hand Unload
	16-0031-RH	1	Speed Control Pipe-Right Hand Unload
5	16-0029	1	Speed Control Handle Assy.
6	814-3816-Z	2	3/8 Locknut (Zinc)
7	805-0038- Z	4	3/8 Flat Washer (Zinc)
8	29-0008	2	Spring
9	42- 0020	1	Speed Control Handle
10	42-0019	1	Speed Control Hub Wldmt
11	851-3816-2Z	1	3/8x2 Machine Bolt
12	827-3118-.38	3	5/16x3/8 Set Screw
13	25-0158	1	Quadrant Bracket Wldmt
14	16-0030	1	Range Control Handle Assy.
15	42-0018	1	Range Control Hub Wldmt
16	16-0028	1	Range Control Handle
17	25-0154	1	Control Quadrant-Left Hand Unload
	25-0154-RH	1	Control Quadrant-Right Hand Unload
18	25-0151	1	Control Assy..
19	25-0157	1	Speed Control Bracket-Left Hand Unload
	25-0157-RH	1	Speed Control Bracket-Right Hand Unload
20	16-0032-2	1	Range Control Pipe Ear
21	814-3816-Z	3	3/8 Locknut (Zinc)
22	851-3816-1.25Z	2	Bolt 3/8-16x1.25
23	38-0003	1	Roll Pin
24	16-0032	1	Range Control Pipe Assy.-Left Hand Unload
	16-0032-RH	1	Range Control Pipe Assy.-Right Hand Unload
25	851-5013-2.5Z	1	1/2-13x2-1/2" Bolt
26	814-5013-Z	2	1/2-13 Lock Nut
27	828-0050-Z	5	1/2" Washer
28	30-0001	2	1/4" Grease Zerk
29	30-0003	1	1/4" 45° Grease Zerk
30	851-5013-2Z	1	Bolt 1/2x2

INDEPENDENT OUTFEED CLUTCH



KEY	PART NO.	QTY.	DESCRIPTION
1	36-0001	2	Cables, Emergency Stop
2	16-0010	1	Push Bar, Emergency Stop, Control
3	36-0002	1	Cable, Emergency Stop Front,
4	51-0003	1	7/8" ID Rubber Grip Only
5	16-0044	1	I.O.C. Clutch Handle - Left Hand Unload
	16-0044-RH	1	I.O.C. Clutch Handle - Right Hand Unload
6	30-0001	1	1/4"-28 Straight Grease Fitting
7	811-2520-1Z	1	1/4"-20x1" Eye Bolt - Zinc
8	814-2520-Z	1	1/4"-20 Indented Lock Nut
9	851-3816-1.5Z	1	3/8"-16x1-1/2" Machine Bolt - Zinc GR5
10	805-0038-Z	4	3/8" Flat Washer
11	814-3816-Z	1	3/8"-16 Indented Lock Nut
12	25-0268-1	1	Linkage Extension Plate
13	25-0279	1	Pivot Shaft Weldment
14	33-0048	2	Cable Thimble

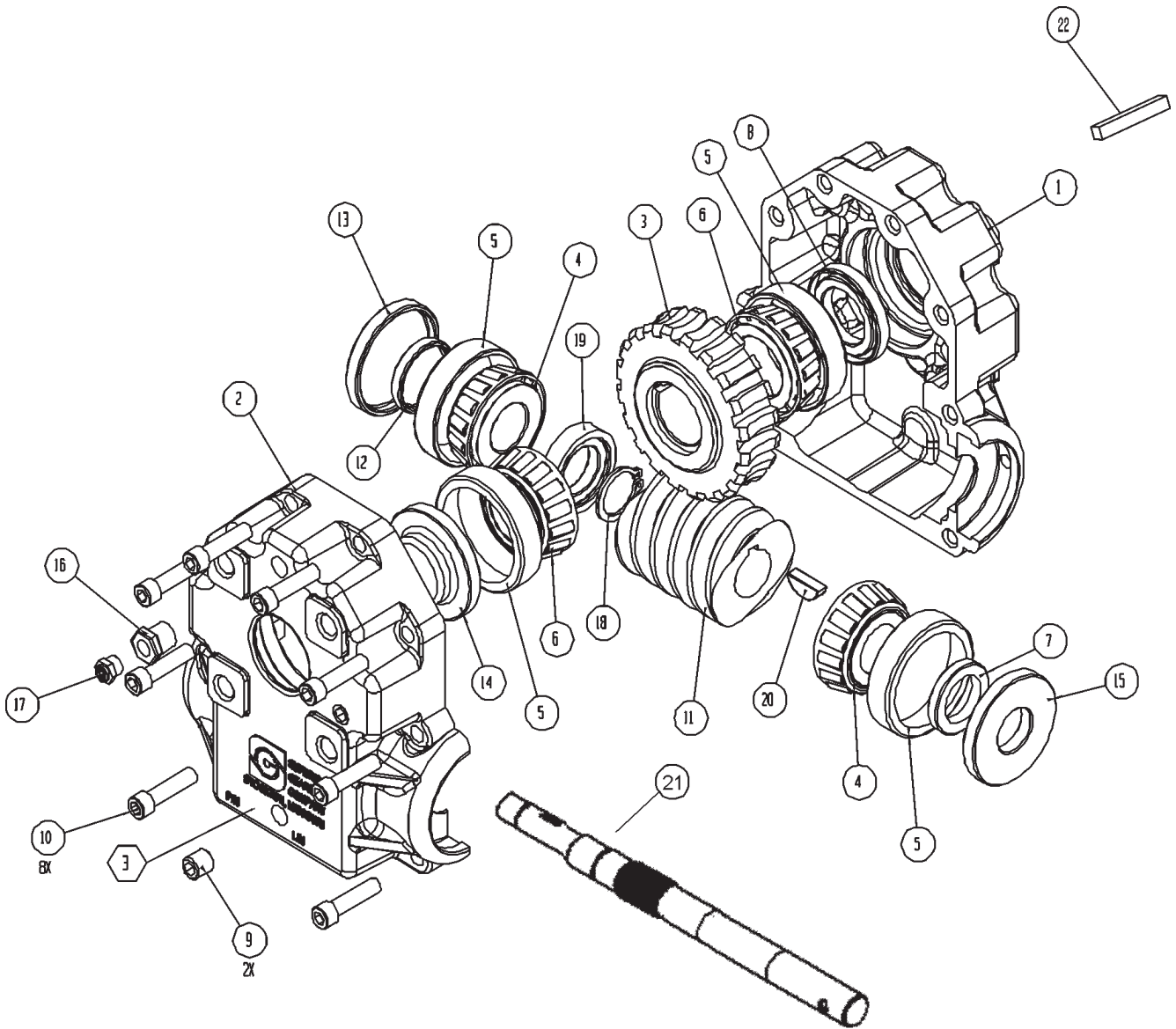
TWO SPEED HI-LO SHIFTER CONTROL



KEY	PART NO.	QTY.	DESCRIPTION
1	42-0022-1	2	Linkage Bar
2	851-3816-1.25Z	2	Bolt 3/8-16x1.25
3	16-0032-2	1	Range Control Pipe Ear
4	38-0003	1	Roll Pin 1/4 x 1-1/4"
5	25-0154	1	Control Quadrant-Left Hand Unload
	25-0154-RH	1	Control Quadrant-Right Hand Unload
6	814-3816-Z	4	3/8 Locknut (Zinc)
7	805-0038- Z	3	3/8 Flat Washer (Zinc)
8	29-0008	1	Spring
9	30-0001	2	1/4" Grease Zerk
10	30-0003	1	1/4" 45° Grease Zerk
11	851-3816-2Z	1	3/8x2 Machine Bolt
12	25-0157	1	Speed Control Bracket-Left hand Unload
	25-0157-RH	1	Speed Control Bracket-Right hand Unload
13	25-0158	1	Quadrant Bracket Wldmt
14	16-0030	1	Range Control Handle Assy.
15	42-0018	1	Range Control Wldmt
16	16-0028	1	Range Control Handle

UPPER GEAR BOX WITH INPUT SHAFT ASSEMBLY

10:1



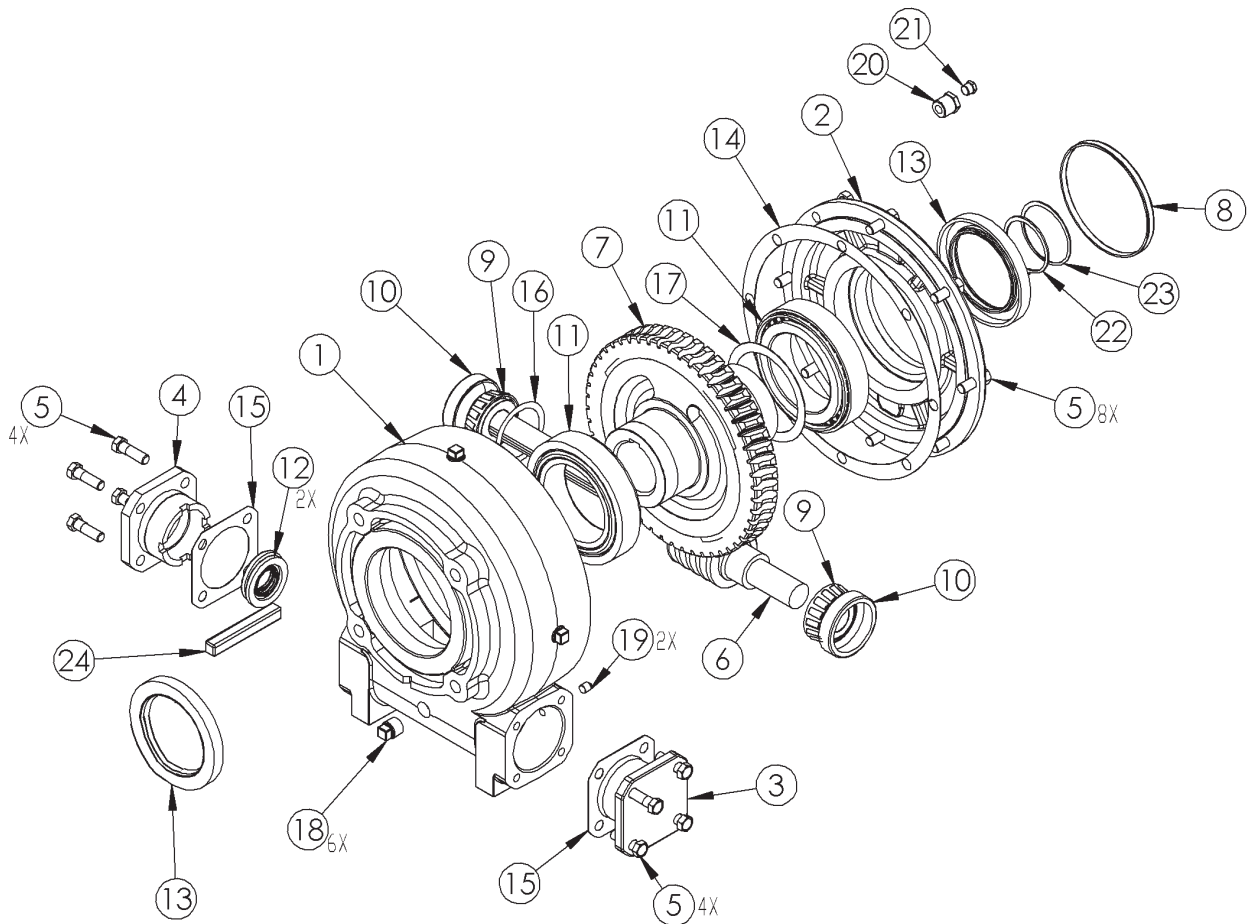
USE ONLY SYNTHETIC ISO 460 GEAR OIL AGMA 7 (NON EP) OR EQUIVALENT. DO NOT USE GREASE FOR LUBRICANT.

UPPER GEAR BOX WITH INPUT SHAFT ASSEMBLY 10:1

KEY	PART NO.	QTY	DESCRIPTION
	19-0158	1	Upper Gearbox w/ Input Shaft, 10:1, 5/16" Key
	19-0158-4	1	Upper Gearbox w/o Input Shaft, 10:1, 5/16" Key
1	19-0055-4-1	1	Tapped Gearbox Casting
2	19-0055-4-2	1	Thru Hole Casting
3	19-0058-GS	1	10:1 Gear Set, 4140 Gear, Bronze Worm, 5/16" Key (Prior to 12T7205)
	19-0058-4-2-4140	1	10:1 4140 Gear, 5/16" Key (Serial # 12T7205 & Later)
4	19-0055-4-4	2	Bearing Cone
5	19-0055-4-5	4	Bearing Cup
6	19-0055-4-6	2	Bearing Cone
7	19-0024-12	1	Seal 1" ID x 1 1/2" OD
8	19-0016-10	1	Seal 1 1/4" ID x 2" OD
9	19-0055-4-9	2	Plug, 1/4-18 NPT Plug
10	19-0055-4-21	AR	Bolt 5/16-18 x 1 1/4" SHCS
11	19-0058-GS	1	10:1 Gear Set, 4140 Gear, Bronze Worm, 5/16" Key (Prior to 12T7205)
	19-0058-4-3-BR	1	Bronze Rolled Worm Gear 10:1 (Serial # 12T7205 & Later)
12	19-0024-28	1	End Cap 1 1/2"
13	19-0024-19	1	End Cap 2 5/16"
14	19-0055-4-15	1	End Cap 2"
15	19-0024-27	1	Seal 1" ID x 2 5/16" OD
16	19-0055-4-17	1	Bushing 1/4" NPT x 1/8" NPT
17	19-0055-4-18	1	Vent Plug 5 PSI
18	19-0055-4-19	1	External Retaining Ring 1.0 Shaft
19	19-0055-4-20	1	1" ID Spacer
20	19-0003-6	1	Woodruff Key
21	19-0015-1	1	TSS Input Shaft
22	35-0028	1	Key, 1/4"x1-1/4" (Superior Split Housing) (Prior to SN 09T3201)
	35-0030-H-SK	1	Key, 1/4"x5/16"x1-1/4" Hardened(w/Updated Gear or GearBox) (Prior to SN 09T3201)
	35-0030-H	1	Key, 5/16"x5/16"x1-1/4" Hardened (Serial #09T3201 thru 11T3222)
	135-31W-1.25-1	1	Key, Woodruff 5/16x1-1/4" Hardened (11T3223 & Later)

**19-0151 LOWER GEARBOX ASSY (LESS SHAFT)
6600 SERIES (LEFT HAND UNLOAD)**

**19-0151-RH LOWER GEARBOX ASSY (LESS SHAFT)
6600 SERIES (RIGHT HAND UNLOAD)**



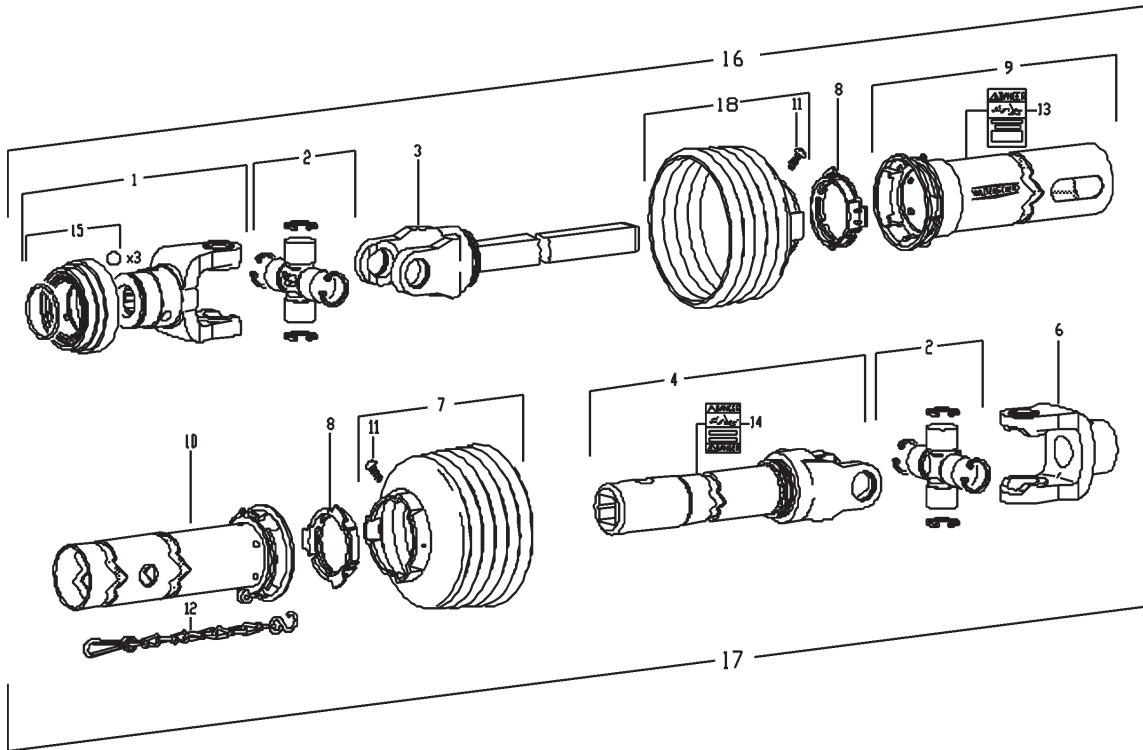
**Use #85W140 wt. Gear Lube Oil ONLY.
DO NOT USE GREASE FOR LUBRICANT.**

**19-0151 LOWER GEARBOX ASSY (LESS SHAFT)
6600 SERIES (LEFT HAND UNLOAD)**

**19-0151-RH LOWER GEARBOX ASSY (LESS SHAFT)
6600 SERIES (RIGHT HAND UNLOAD)**

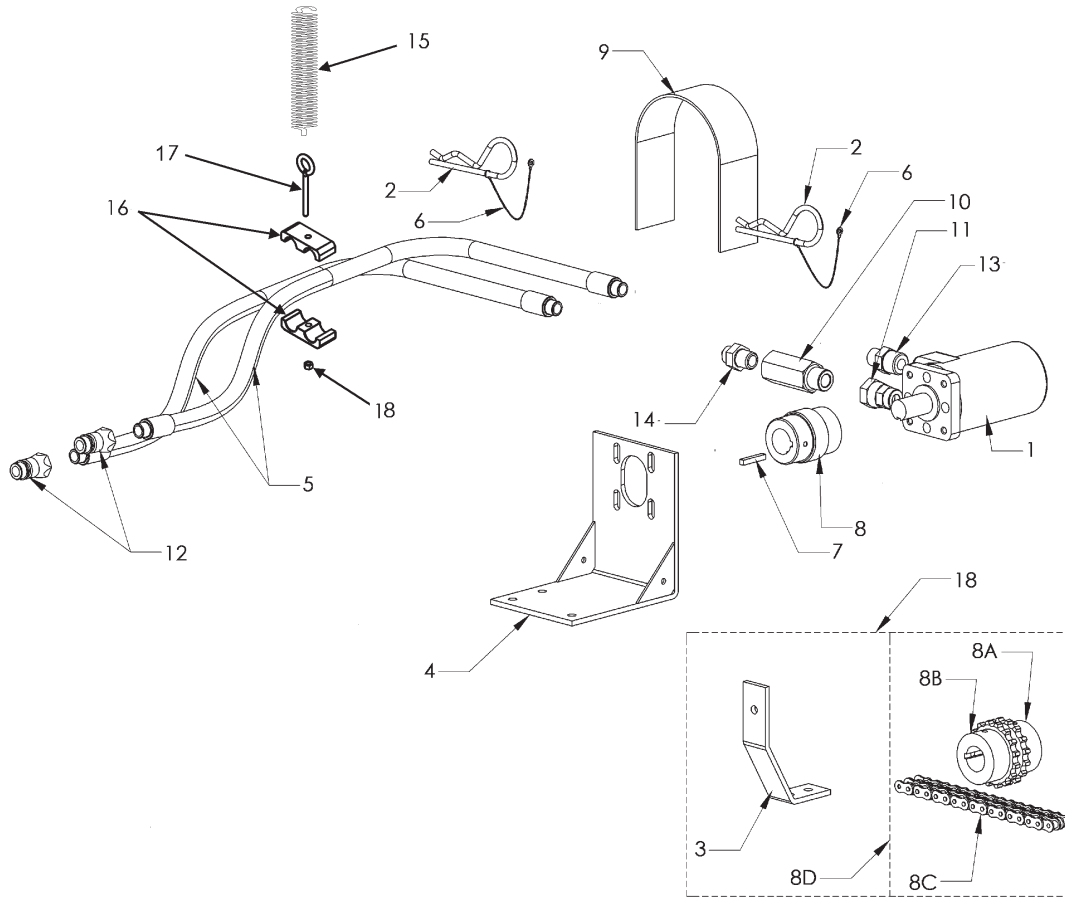
KEY	PART NO.	QTY	DESCRIPTION
1	19-0151-1	1	Housing
2	19-0151-2	1	Cover
3	19-0051-3	1	Endcap (Closed)
4	19-0051-4	1	Endcap (Open)
5	851-3816-1Z	16	3/8-16x1" Machine Bolt Grade 5
6	19-0151-4	1	Input Shaft / Worm Assy.
7	19-0151-5	1	Gear
8	19-0151-6	1	Cover Cap
9	19-0151-7	2	Input Bearing Cone
10	19-0051-8	2	Input Bearing Cup
11	19-0151-7	2	Output Bearing Cup/Cone
12	19-0051-12	2	Input Shaft Seal
13	19-0151-8	2	Output Seal
14	19-0051-16	1	Cover Gasket
15	19-0051-17	2	Endcap Gasket
16	19-0051-18	AR	Input Shim
17	19-0151-9	AR	Output Shim
18	19-0151-10	6	Plug, 1/2-14 NPT
19	19-0151-11	2	Plug, 1/8-27 NPT
20	19-0057-23	1	Bushing, 3/8-18 / 1/8-27
21	19-0057-24	1	Plug, 5 PSI
22	19-0151-12	1	Output Shaft Retaining Ring
23	19-0151-13	1	Hollow Bore Retaining Ring
24	19-0157-18	1	Output Shaft Key
NS	48-0044	88oz.	Lube, E85W140

#18-0117 UNIVERSAL JOINT TELESCOPING ASSEMBLY



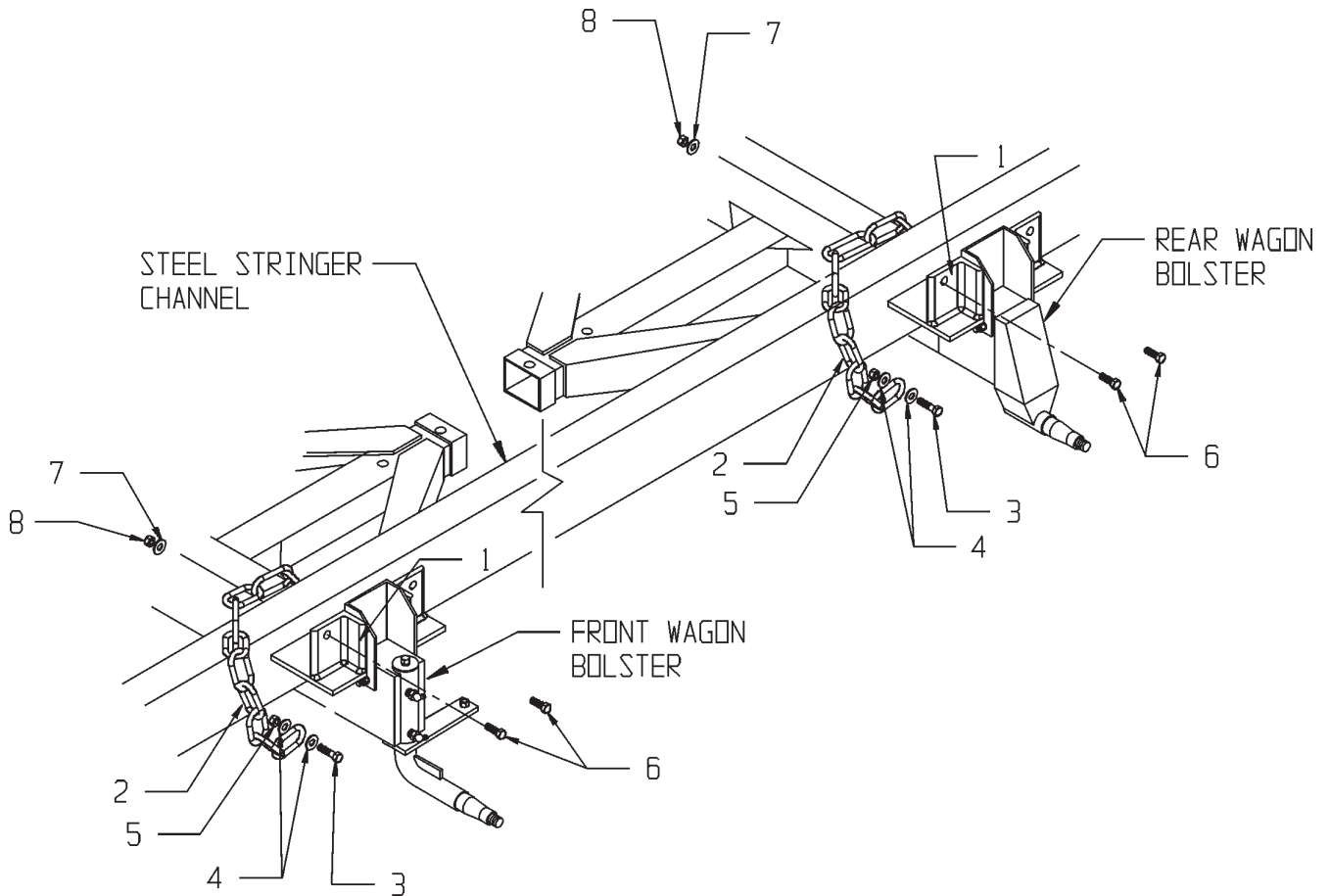
KEY	PART NO.	QTY.	DESCRIPTION
	18-0117	1	Joint Assembly
1	18-0117-1-1	1	1 3/8-6 Spline Yoke ASGE
2	18-0117-1-2	2	Cross and Bearing Kit
3	18-0117-1-3	1	Inboard Yoke and Bar Welded Assy.
4	18-0117-2-1	1	Inboard Yoke, Tube and Sleeve Welded Assy.
6	18-0117-2-2	1	1 1/4" Bore, 1/4" Key Yoke
7	18-0117-1-4	1	Shield Cone 5-Rib
8	918-0208-2-4	2	Bearing Ring SC25
9	18-0117-1-6	1	Outer Shield Tube Oval
10	18-0117-2-3	1	Inner Shield Tube Round
11	918-0208-2-9	2	Screw-Included in Item #7
12	918-0208-2-7	1	Safety Chain
13	918-0208-2-8	1	Decal Outer-Included in Item #9
14	918-0208-1-10	1	Decal Inner-Included in Item #4
15	18-0117-1-1-1	1	ASGE Collar Kit-Included in Item #1
16	18-0117-1	1	Tractor Male Half Complete
17	18-0117-2	1	Implement Female Half Shaft Complete
18	18-0117-1-7	1	Shield Cone 4-Rib

OPTIONAL HYDRAULIC DRIVE



KEY	PART NO.	QTY	DESCRIPTION
1	55-0099	1	Hydraulic Motor T-Series
2	823-.25-5Z	2	Hitch Pin Clip, 1/4 x 5"
3	25-0280-1	1	Hydraulic Clutch Bottom Bracket Brace
4	25-0283	1	Stationary Hydraulic Motor Bracket Assy.
5	55-0034	2	1/2 x 120" Long Hydraulic Hose (Trailer Type Only)
6	32-0022	2	Lanyard
7	35-0012	1	1/4 x 1-1/2" Square Key
8	37-0012	1	Stationary Hydraulic Motor Coupler-Welded (Prior to 07 Serial #)
8A	37-0013-1	1	Shaft Coupler Sprocket-1" Bore (Serial # 07 & Later)
8B	37-0017-1	1	Shaft Coupler Sprocket 1-1/4" Bore (Serial # 07 & Later)
8C	37-0013-2	1	#50 Double Coupler Chain
8D	37-0019	AR	Chain Coupler Assembly Complete (Serial # 07 & Later)
9	49-0027-1	1	Stationary Hydraulic Motor Belting
10	55-0007-B	1	3/4" Check Valve
11	55-0048	1	7/8" Straight to 3/4" NPSM Swivel Coupler
12	55-0013	2	Male Hydraulic Coupler (Trailer Type Only)
13	55-0085	1	1/2"X7/8" ORB Straight Fitting
14	55-0044	1	3/4"X1/2" Bushing
15	29-0012	1	Hydraulic Hose Support Spring
16	55-0033	1	1/2" Hose Support Clamp
17	811-3118-2Z	1	5/16" Eye Bolt
18	810-3118-Z	1	5/16" SpinLock Nut

#52-0003S STEEL STRINGER TIE DOWN KIT

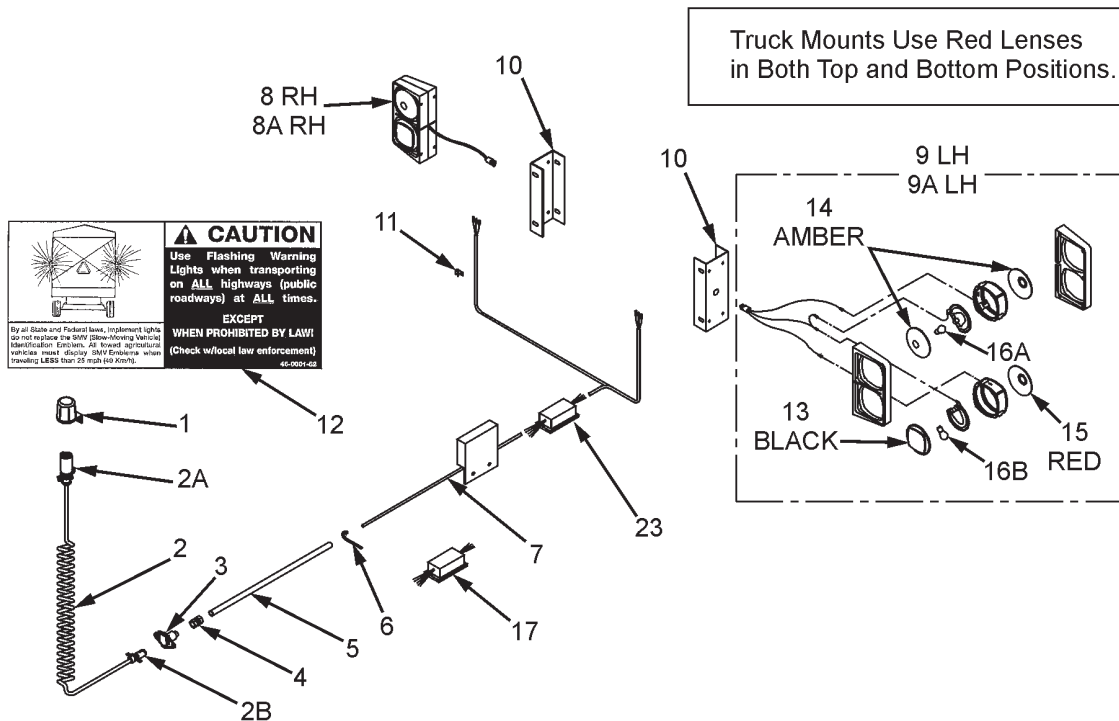


KEY	PART NO.	QTY.	DESCRIPTION
	52-0003S	1	Tie Down Kit (Steel Stringers)
1	25-0084	4	Bracket
2	52-0003-1	4	51" Standard Tie Down Chain
	75-0341-4-HD	4	61" Heavy Duty Tie Down Chain for Riser Option
3	851-3816-1.5Z	4	Bolt, Hex Machine-3/8x1-1/2
4	805-0038-Z	8	3/8 Flat Washer
5	815-3816-Z	4	3/8 Lock Nut
6	851-5013-1.5-Z	8	1/2x1-1/2 Hex Machine Bolt
7	805-0050-Z	8	1/2 Flat Washers
8	815-5013-Z	8	1/2 Lock Nuts

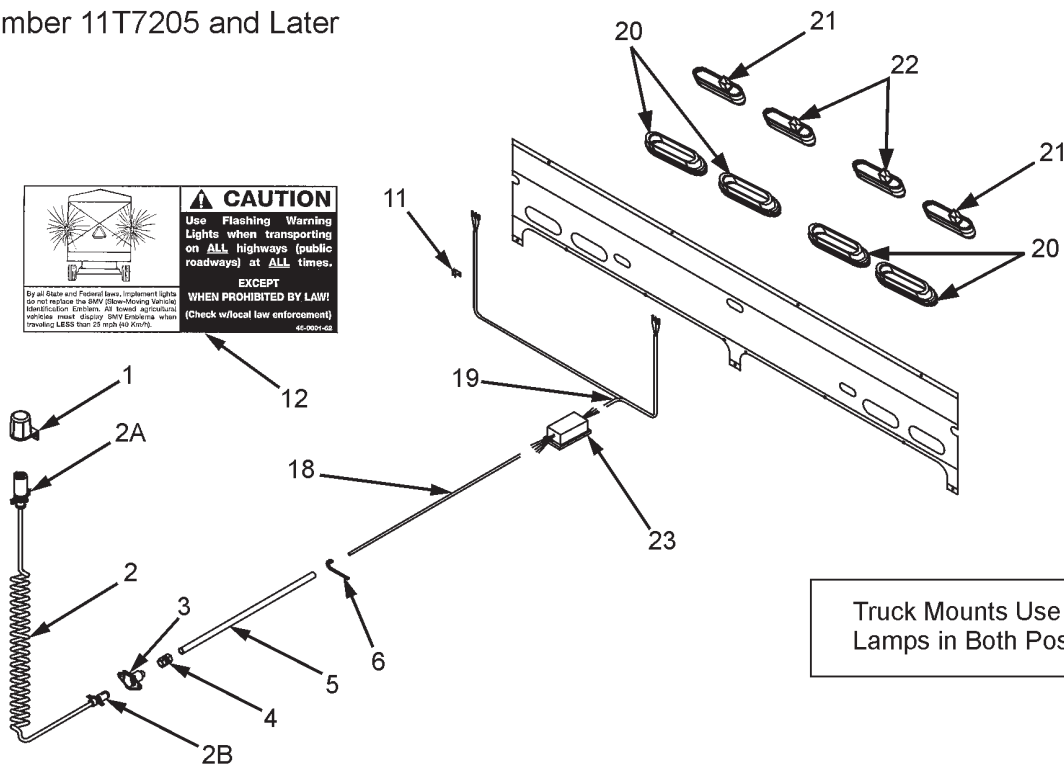
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#52-0019-PKG HIGHWAY LIGHT PACKAGE KIT

Prior to Serial Number 11T7205



Serial Number 11T7205 and Later

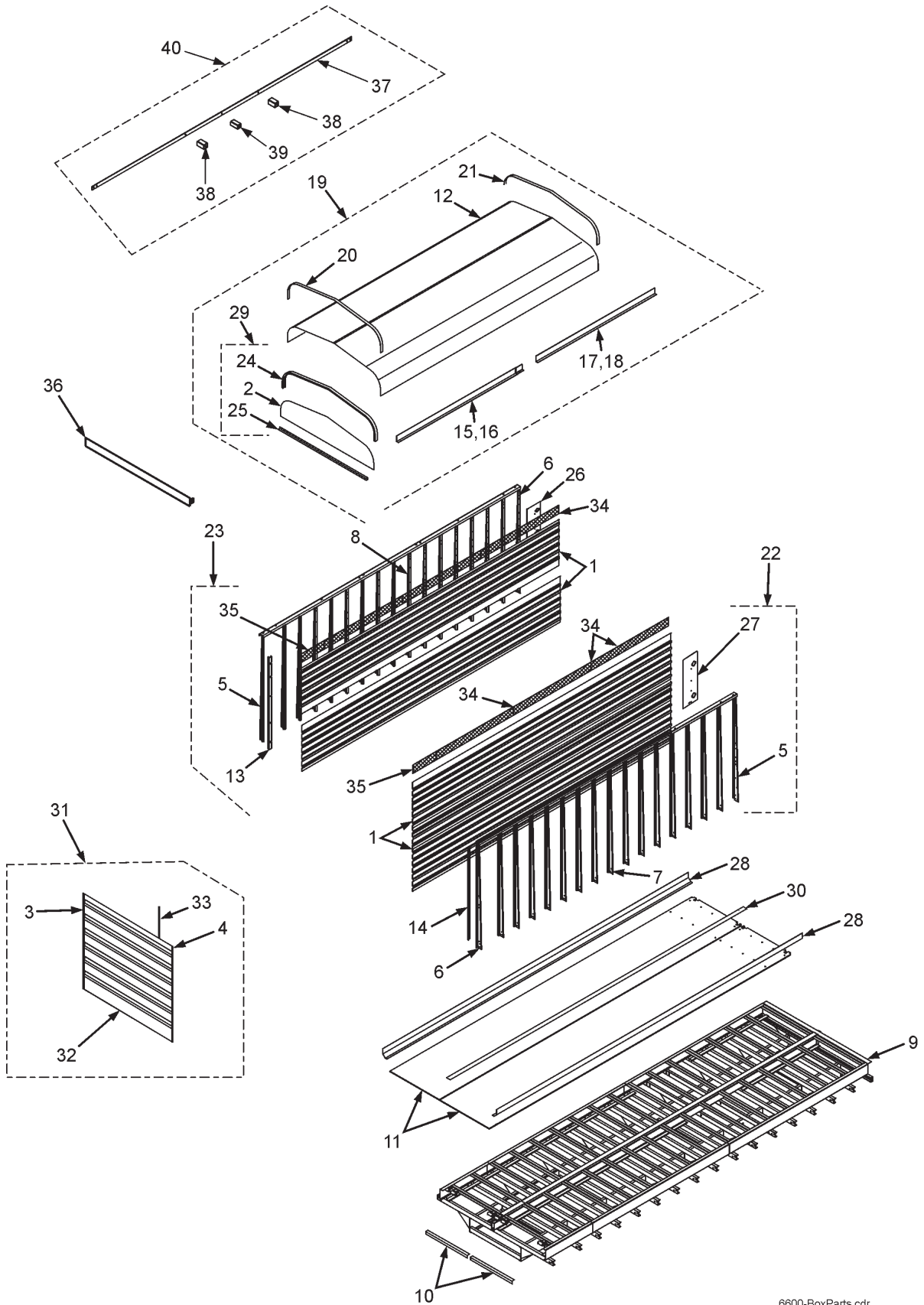


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**#52-0019-PKG
HIGHWAY LIGHT PACKAGE KIT**

KEY	PART NO.	QTY	DESCRIPTION
1	56-0009	1	7-Way "Stor-A-Way"
2	56-0005	1	Coil Cable Assembly
2a	56-0005-2	1	7-Contact Plug End
2b	56-0005-1	1	4 Pole Plug
3	56-0004	1	#1232 4-way Socket (4 pin)
4	56-0007	1	½" EMT Coupler #260-D
5	56-0006	1	Light Wire Tube Deburred, ½" Conduit 22" Long
6	32-0026	8	14" Nylon Tie Strap
7	56-0032	1	Ag Light Harness w/Module
8	56-0031	1	Dual Light RH w/4-Plug
8a	56-0031-TR	1	Truck Mount Dual Light RH w/4-Prong
9	56-0030	1	Dual Light LH w/4-Plug
9a	56-0030-TR	1	Truck Mount Dual Light LH w/4-Prong
10	25-0255	2	Light Mount Bracket (Universal)
11	32-0024	4	3/8" Plated Loom Clamp
12	46-0001-62	1	Caution Tail Light Decal
13	56-0001-3	2	Bezel Blank, Black (Fit Inside Housing)
	56-0030-3	2	Bezel Blank, Black (Fit Over Housing)
14	56-0001-1	4	Amber Lens (Fit Inside Housing)
	56-0030-1	4	Amber Lens (Fit Over Housing)
15	56-0001-2	2	Red Lens (Fit Inside Housing)
	56-0030-2	2	Red Lens (Fit Over Housing)
16a	56-0001-5	2	#1156 Single Filament Bulb
16b	56-0001-4	2	#1157 Dual Filament Bulb
17	56-0028	1	Tail Light Converter (Truck Mount Only)
18	56-0037	AR	4 Conductor Trailer Cable
19	56-0083	1	LED Light Y-Harness
20	56-0082	4	6" Oval Grommet
21	56-0081	2	6" Oval Amber LED Light
22	56-0080	2/4	6" Oval Red LED Light
23	56-0032-1	1	AG Module W/Connectors
	56-0084	1	AG Module W/Connectors (LED Light Harness)

6600 SERIES BOX PARTS 1 OF 2



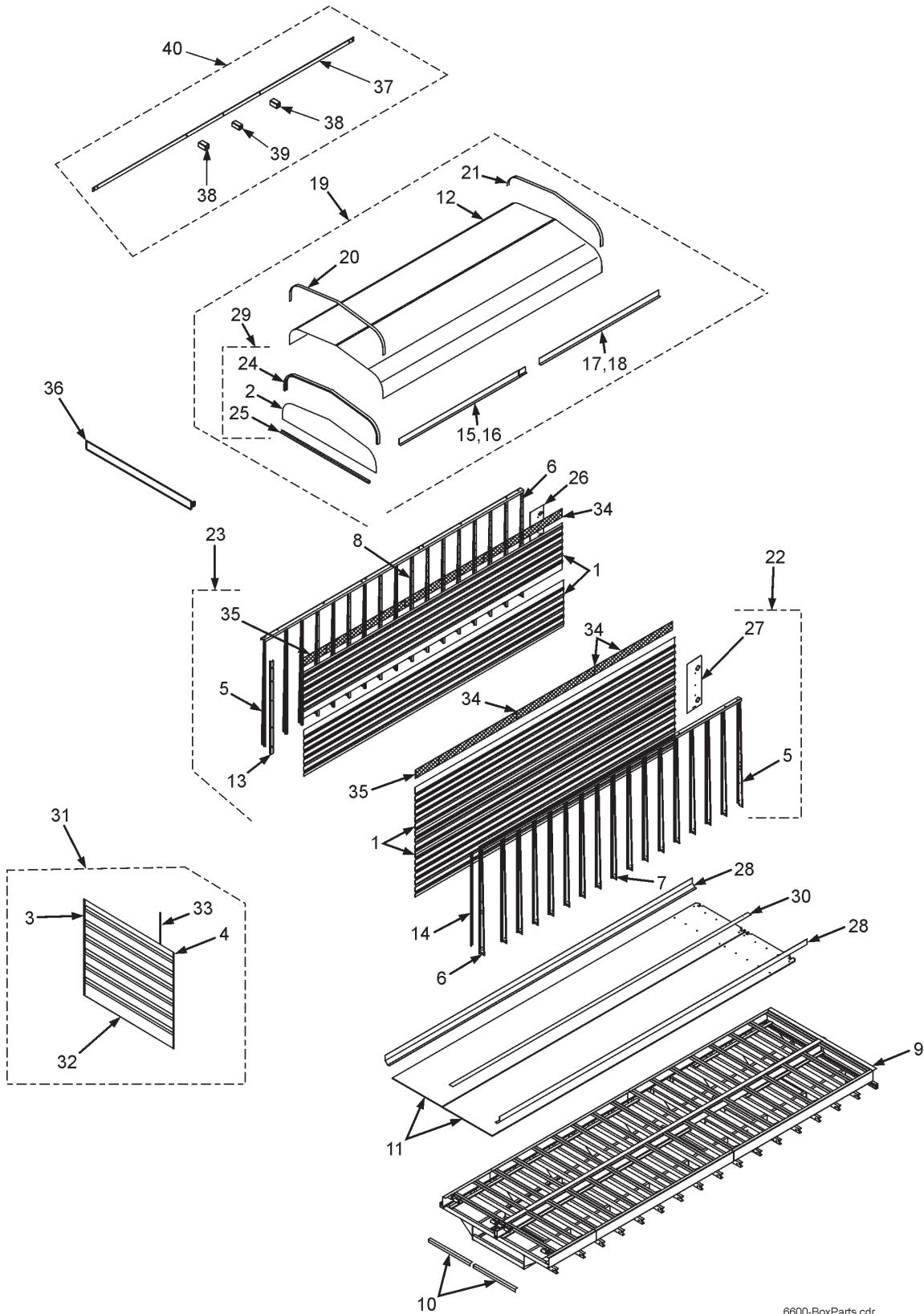
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6600 SERIES BOX PARTS

1 OF 2

KEY	PART NO.	DESCRIPTION
1	761II-40.75-20	20' Side Panel-(6620)
	761II-40.75-22	22' Side Panel-(6622)
	761II-40.75-24	24' Side Panel-(6624)
2	100-9990-15-4	Back Roof Panel, 20-3/8x86 Painted
3	100-9990-17-8-12	HD TSS HS Back Gate Frame Only
4	761II-40.75-85	Galv Panel, Painted, 85"
5	100-9990-8-2-12	Right Front /Left Rear Upright 10GA. X 94-1/2"
6	100-9990-8-1-12	Left Front/Right Rear Upright 10GA. X 94-1/2"
7	100-9990-8-6-12	Right Center Upright 10GA. X 94-1/2"
8	100-9990-8-5-12	Left Center Upright 10GA. X 94-1/2"
9	100-7007	Bottom Frame Complete 6620 (10" Stringers)
	100-7007-TRUCK	Bottom Frame Complete 6620 (6" Stringers)
	100-7005	Bottom Frame Complete 6622 (10" Stringers)
	100-7005-TRUCK	Bottom Frame Complete 6622 (6" Stringers)
	100-7006	Bottom Frame Complete 6624 (10" Stringers)
	100-7006-TRUCK	Bottom Frame Complete 6624 (6" Stringers)
10	25-8203-1	Floor Cover
11	709-48-254.5	Floor Panel 20' (Superslick) (2-Required)
	709-48-275.5	Floor Panel 22' (Superslick) (2-Required)
	709-48-287	Floor Panel 24' (Superslick) (2-Required)
12	100-9990-51-1	Roof Panel Painted 21'-2" (6620)
	100-9990-54-1	Roof Panel Painted 23'-3" (6622)
	100-9990-145	Roof Panel, Black, 25'-2" (6624)
13	100-9990-16-L-12	End Gate Cap, LH
14	100-9990-16-R-12	End Gate Cap, RH
15	100-9990-70	R. Rear Roof Angle (Illustrated) (6620/6622)
	100-9990-97-4	R. Rear Roof Angle (Illustrated) (6624)
16	100-9990-69	L. Rear Roof Angle (Not Illustrated) (6620/6622)
	100-9990-97-3	L. Rear Roof Angle (Not Illustrated) (6624)
17	100-9990-61	R. Front Roof Angle (Illustrated) (6620)
	100-9990-49-2	R. Front Roof Angle (Illustrated) (6622/6624)
18	100-9990-60	L. Front Roof Angle (Not Illustrated) (6620)
	100-9990-49-1	L. Front Roof Angle (Not Illustrated) (6622/6624)
19	100-9990-52	6620, Roof Assy. Complete
	100-9990-56	6622, Roof Assy. Complete
	100-9990-45	6624, Roof Assy. Complete
20	100-9990-14-3	Roof Guard Strap
21	100-9990-14-4	Front Roof Strap/Cap
22	100-7060	Right Side Complete 6620 (Illustrated)
	100-7060-TR	Right Side Complete 6620 (Illustrated)(No Roof)
	100-7050	Right Side Frame Only 6620 (Illustrated)
	100-7050-TR	Right Side Frame Only 6620 (Illustrated)(No Roof)
	100-7062	Right Side Complete 6622 (Illustrated)
	100-7062-TR	Right Side Complete 6622 (Illustrated)(No Roof)
	100-7052	Right Side Frame Only 6622 (Illustrated)
	100-7052-TR	Right Side Frame Only 6622 (Illustrated)(No Roof)

6600 SERIES BOX PARTS 2 OF 2



6600-BoxParts.cdr

6600 SERIES BOX PARTS 2 OF 2

KEY	PART NO.	DESCRIPTION
22	100-7064	Right Side Complete 6624 (Illustrated)
	100-7064-TR	Right Side Complete 6624 (Illustrated)(No Roof)
	100-7054	Right Side Frame Only 6624 (Illustrated)
	100-7054-TR	Right Side Frame Only 6624 (Illustrated)(No Roof)
23	100-7061	Left Side Complete 6620 (Not Illustrated)
	100-7061-TR	Left Side Complete 6620 (Not Illustrated)(No Roof)
	100-7051	Left Side Frame Only 6620 (Not Illustrated)
	100-7051-TR	Left Side Frame Only 6620 (Not Illustrated)(No Roof)
	100-7063	Left Side Complete 6622 (Not Illustrated)
	100-7063-TR	Left Side Complete 6622 (Not Illustrated)(No Roof)
	100-7053	Left Side Frame Only 6622 (Not Illustrated)
	100-7053-TR	Left Side Frame Only 6622 (Not Illustrated)(No Roof)
	100-7065	Left Side Complete 6624 (Not Illustrated)
	100-7065-TR	Left Side Complete 6624 (Not Illustrated)(No Roof)
	100-7055	Left Side Frame Only 6624 (Not Illustrated)
	100-7055-TR	Left Side Frame Only 6624 (Not Illustrated)(No Roof)
24	100-9990-15-1	Roof Bow
25	100-9990-15-9	TSS Rear Roof rail W/Tabs
26	25-6025	Auger Bracket w/Tightener
27	100-9990-200-1-1	Auger Bracket Less Tightener
28	25-8022-1	Floor Cap 96" (6620, 6622, 6624)
	25-6005-4	Floor Cap 31-1/4" (6620)
	25-6005-3	Floor Cap 55-1/4" (6622)
	25-6005-5	Floor Cap 79-1/4" (6624)
	25-8023-1	Floor End Caps
	25-6006-1	Floor Cap Splice Pieces 2"x4"
29	100-9990-15-11	Rear Roof Bow Assy. Complete
30	100-7007-2	6620-Center Superslick Channel-231 7/8"
	100-7000-24	6622/6624 Center Superslick Channel 240"
	100-7005-5	6622 Center Superslick Channel 15-7/8"
	100-7006-1	6624 Center Superslick Channel 39-7/8"
31	100-9990-17-HS-HD	HD TSS HS Back Gate Assembly Complete W/Panels
32	100-9990-17-7	Bent Galv Panel, Painted, 85"
33	100-9990-17-3-12	12" Higher Tss Ctr Back Gate Angle
34	100-9990-8-15	Side Screen 7-1/2x82" Painted (6220, 6222, 6224)
	100-9990-8-17	Side Screen 7-1/2x80" Painted (6220)
35	100-9990-8-16	Side Screen 7-1/2x24" Painted (6222)
	100-9990-8-18	Side Screen 7-1/2x48" Painted (6224)
36	100-9990-87	No Roof Angle
37	100-9990-8-11	16' & 18' Box, Side Support Strap 171"
	100-9990-52-2	20' & 22' Box, Side Support Strap 219"
38	100-9990-52-4	Side Support End Tube
39	100-9990-52-3	Side Support Center Tube
40	TSS-SS-16-PKG	16' & 18' Side Support Package
	TSS-SS-20-PKG	20' & 22' Side Support Package

MEYER FRONT FORAGE BOXES “TROUBLE SHOOTING”

	SYMPTOM	PROBLEM	SOLUTION
AUGERS	Augers shake or chatter.	Stiff roller chains - dry. Loose roller chains. Worn sprockets/chains. Bad roller bearings.	Lubricate roller chains. Tighten roller chains. Replace sprockets/chains. Replace roller bearings.
	Under load, augers do not start in 1st or 2nd notch	Variable speed not adjusted.	Adjust variable speed.
BELT DRIVE “VARIABLE SPEED”	Belt slippage.	Sheaves greasy or wet. Use of “HI” Range w/full load.	Clean sheaves. Use “LO” Range w/full loads.
	Belt wear/breakage.	Variable speed not adjusted. PTO starting w/belt engaged.	Adjust variable speed. Start PTO w/belt in “Neutral.”
	Sheave pin breakage.	Incorrect operating procedures. PTO starting w/belt engaged.	Follow <u>correct</u> operating procedures. Start PTO w/belt in “Neutral.”
CROSS APRON	Material build-up under chain.	Loose cross apron.	Tighten cross apron.
	Bent apron slats.	Dirty cross apron, too much carry back.	Clean apron and return area.
	Broken pintle chain.	Build-up in clean-out panel.	Clean out “Clean-Out” panel.
GEAR BOXES	Clunking sounds.	Gears/bearings wearing — low oil	Replace gears/bearings — fill with oil
	Excessive gear wear.	Full load “HI” Range unloading. Wrong gear lube oil.	Start full loads in “LO” Range. See lubrication section for oil type
	Broken gears.	High speed start-up/no oil. Worn out gears.	Slow start-up/fill with oil. Replace gears.
“HI-LO” RANGE	Hard to shift lever.	Unit not running.	Run unit with variable speed lever engaged.
	“HI-LO” is not engaging.	Worn brass shifting collar.	Replace brass shifting collar.
	Slipping out of range.	Excessive clutch wear.	Adjust range control linkage. Flip over or replace clutches.
MAIN APRON	Jumping links.	Loose main apron.	Tighten main apron.
	Bent apron slats.	Worn/broken chain.	Clean/tighten/replace apron.
	Broken pintle chain.	Front unit sagging.	Lift unit and replace front cross channel.
PTO SHAFT	Whips/shakes.	Over extended or bent PTO.	Shorten wagon gear hitch length. Straighten/replace PTO.
	Vibrates up and down.	Forage box center shaft bent.	Replace center shaft.
	Worn universal joints.	Lack of lubrication/used	Lubricate joints daily/replace
ROLLER CHAINS AND SPROCKETS	Excessive chain wear.	Lack of lubrication. Out of alignment/loose.	Lubricate/align/tighten.
	Roller chain breakage.	Loose roller chain. Worn sprockets.	Tighten roller chains. Replace sprockets.
	Sprocket teeth tipped over.	Worn roller chain. Bad roller bearings.	Replace roller chain. Replace bearings.
SAFETY CLUTCH	Does not trip.	Bad or damaged clutch. Safety cable disconnected. Safety cable broken.	Replace safety clutch. Re-fasten safety cable. Replace safety cable.

MEYER FRONT UNLOAD FORAGE BOXES "SPECIFICATIONS"

MODEL	6620	6622	6624
Floor Length	20'6"	22'6"	24' 6"
Overall Length	24' 5"	26'5"	28' 5"
Main Apron	667X Standard		
Overall Width	All Models 109.5"		
Inside Width	All Models 87"		
Overall Height	All Models 126" w/ Roof		
Inside Height	All Models 106" w/ Roof All Models 84" w/o Roof		
Speed Selection Front Unload	All Models- Low Range: 0 - 7.5'/minute - High Range 0 - 17'/minute		
Auger Feathering System	All Models-Standard Equipment		
Power Source	540 PTO and Hydraulic		
Cross Feed Delivery	Either Left or Right Hand Discharge		
Unloading Auger	3 Large 18" Diameter Augers and 1 - 11 1/2" Diameter Auger		
Cross Conveyor Chain	D662 Pintle Chain		
Cross Conveyor Width	All Models-21"		
Box Tie Down Kit	All Models-Standard Equipment		
Cross Conveyor Outfeed W/Lift Assist	24" Fold-up Standard		
Safety Clutch	All Models Standard Equipment		

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

MEMBER



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