



**745 & 865**

**TRAILER, TRUCK, & STATIONARY  
TWIN VERTICAL FEED MIXER  
OPERATION AND PARTS MANUAL**



**ROTO-MIX LLC  
P.O. BOX 1724  
2205 E. Wyatt Earp Blvd.  
Dodge City, Kansas 67801  
(620) 225-1142  
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Revision Date	Changes
05/2026	Correct font issue, page 29.

# INTRODUCTION

Congratulations on the purchase of your new Vertical Mixer from ROTO-MIX. With proper operation and preventative maintenance it will last for years.



This SAFETY ALERT SYMBOL indicates important safety messages in the manual. When you see this symbol, be alert to the possibility of PERSONAL INJURY and carefully read the message that follows.

NEVER OPERATE WITHOUT ALL COVERS, SHIELDS AND GUARDS IN PLACE. KEEP HANDS, FEET AND CLOTHING AWAY FROM MOVING PARTS.

**⚠ WARNING** Some covers and guards have been removed for illustrative/photographic purposes only in this manual. However, equipment should never be operated in this condition. Keep all shields in place. If shield removal becomes necessary for repairs, replace the shield prior to use.

The Guarantee appears in the front of this book along with the Registration and Inspection Certificate.

For information on ordering repair parts, refer to the Repair Parts section at the back of this book.

The serial number plate is located on the drivers side lower front of the main frame. This number should be recorded on the Registration and Inspection Certificate for your reference and for proper identification of your spreader by ROTO-MIX.

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 safe operation of the mixer could lead to serious injury.

If you do not understand the instructions in this manual contact either your dealer or ROTO-MIX at Dodge City, Kansas 67801.

This supersedes all previous published instructions.



## Limited Warranty Statement

ROTO-MIX LLC warrants to the original purchaser all products manufactured by it to be free from defects in material and workmanship under normal use and service.

ROTO-MIX's obligation under this warranty is limited to repairing or replacing, as the company may elect, free of charge and without charge for installation, at the place of business of a dealer or distributor authorized to handle the equipment covered by this warranty or at a ROTO-MIX facility, any parts that prove, in the company's judgment, to be defective in material or workmanship within one (1) year after delivery to the original purchaser, and still owned by the original purchaser. This warranty shall in no way make ROTO-MIX liable to anyone for personal injuries or damages, loss of time, or expense of any kind either direct or indirect resulting from part failure or defect. This warranty is subject to acts of God, fire and existing conditions of supply and demand, or production, or ability or inability to deliver, or for any other valid reason beyond the reasonable control of ROTO-MIX, to obtain materials, manufactured replacement parts, or make delivery thereof. No distributor, dealer, agent, or ROTO-MIX employee (other than the CEO or President in writing) is authorized to extend any other or further express or implied warranty or incur any additional obligation on ROTO-MIX's behalf in connection with the sale of this product.

If ROTO-MIX, or its duly authorized representative, shall find that such returned part or parts are defective and such defects, or defect, are included in and covered by said warranty, then such defective part or parts shall promptly be replaced without charge to the purchaser, F.O.B. the ROTO-MIX plant.

**Product Registration** - It is a condition of this warranty that the original purchaser must fill out the warranty card furnished by ROTO-MIX and that it be returned to ROTO-MIX within 10 days of purchase and be recorded in ROTO-MIX's owner file for this warranty to be valid. In the event an owner's card is not on file at the ROTO-MIX office, the warranty period will extend only from date equipment was picked up or shipped from the ROTO-MIX plant.

**Maintenance** - It is the customer's responsibility to maintain their equipment in accordance with the instructions provided in the Operator's Manual. ROTO-MIX recommends that you keep records and receipts; you may be asked to prove that maintenance instructions have been followed.

**Operation** - It is the customer's responsibility to operate the equipment only for the purpose for which it was designed and in accordance with all safety and operational recommendations contained in the Operators Manual. If a defect in materials or workmanship occurs, it is the customer's responsibility to cease operating the equipment until authorized repairs are made. **Damage, which occurs from continued operation, may not be covered by this warranty.**

### What this Warranty Covers

This warranty covers failures caused by defects in materials or workmanship only.

### This Warranty does **not** cover failures caused by:

- Improper operation
- Natural calamities
- Unauthorized modifications
- Unauthorized repairs
- Use of Non ROTO-MIX parts
- Neglected maintenance
- The use of PTO Shaft Adaptors
- Usage contrary to the intended purpose of the product

**Warranty continues on the next page.**

## ***Limited Warranty Statement continued***

**This Warranty does not cover replacement of Wear or Maintenance Items including, but not limited to.**

- Lubricants
- Filters
- Hoses
- Tires
- Augers
- Wipers
- Chains
- Idlers
- Batteries
- Blades
- Belts

**This Warranty does not cover:**

- Pickup and delivery of the equipment
- Service Calls or Travel Time to and from sites
- Rental of replacement equipment during repair period
- Products that have been declared a total loss and subsequently salvaged
- Overtime labor charges
- ROTO-MIX is not responsible and will not be liable for damage caused to persons or property, commercial loss, loss of time or production, loss of use by reason of the installation or use of ROTO-MIX products or their mechanical failure.

### **Right to Make Changes**

ROTO-MIX reserves the right to make any changes to a ROTO-MIX product at any time without incurring any obligation with respect to any product previously ordered, sold or shipped, with or without notice.

### **Parts Warranty**

ROTO-MIX warrants replacement parts against defects in materials or workmanship for a period of 90 days or the remainder of the product warranty, whichever is longer. Remedy for defective replacement parts for units that are beyond the original product warranty, will be limited to replacement of the failed part. Failures that are due to damage, improper installation, lack of maintenance or improper operation will not be covered.

**ROTO-MIX 2205 East Wyatt Earp Blvd., Dodge City, KS 67801 (620) 225-1142 Fax: (620) 225-6370**

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## ***SCALES WARRANTY & SERVICE POLICY***

### **DIGI-STAR SCALE SYSTEMS**

Digi-Star, LLC warrants for a period of one year from date of installation, to correct by repair or replacement, at Digi-Star's option, any defect in material or workmanship in any part of this product. In the event of replacement, Digi-Star's sole obligation shall be to provide replacement products or parts. F.O.B. Digi-Star, LLC, W5527 Hwy 106, Fort Atkinson, WI 53538 USA.

### **WEIGH-TRONIX SCALE SYSTEMS**

WEIGH-TRONIX warrants for a period of one year from date of installation, to correct by repair or replacement, at Weigh-Tronix's option, any defect in material or workmanship in any part of this product. In the event of replacement, Weigh-Tronix's sole obligation shall be to provide replacement products or parts. F.O.B. Avery Weigh-Tronix, 1000 Armstrong Drive, Fairmont, MN 56031-1439 USA.

## OPERATOR QUALIFICATIONS

Operation of this mixer shall be limited to competent and experienced persons. In addition, anyone who will operate or work around a mixer must use good common sense. In order to be qualified, he or she must also know and meet all other qualifications, such as:

1. Some regulations specify that no one under the age of sixteen (16) may operate power machinery. It is your responsibility to know what these regulations are in your area and/or situation.
2. Current OSHA regulations state in part: At the time of initial assignment and at least annually thereafter, the employer shall instruct **EVERY** employee in the safe operation and servicing of all equipment with which the employee is, or will be involved.
3. Unqualified persons are to **STAY OUT OF THE WORK AREA.**
4. A person who has not read and understood all operating and safety instructions is not qualified to operate the machinery.

**FAILURE TO READ THIS MIXER MANUAL AND ITS SAFETY INSTRUCTIONS IS A MISUSE OF THE EQUIPMENT.**



## **SAFETY**

**TAKE NOTE!** THIS SAFETY ALERT SYMBOL FOUND THROUGHOUT THIS MANUAL IS USED TO CALL YOUR ATTENTION TO INSTRUCTIONS INVOLVING YOUR PERSONAL SAFETY AND THE SAFETY OF OTHERS. FAILURE TO FOLLOW THESE INSTRUCTIONS CAN RESULT IN INJURY OR DEATH.



**THIS SYMBOL MEANS**

**ATTENTION!**

**BECOME ALERT!**

**YOUR SAFETY IS INVOLVED!**

**SIGNAL WORDS:** Note the use of the signal words DANGER, WARNING, and CAUTION with the safety messages. The appropriate signal word for each has been selected using the following guidelines:

**DANGER:** Indicates an imminently hazardous situation that, if not avoided, will result in serious injury or death. This signal word is to be limited to the most extreme situations typically for machine components which, for functional purposes, cannot be guarded.

**WARNING:** Indicates a potentially hazardous situation that, if not avoided, will result in serious injury or death, and includes hazards that are exposed when guards are removed. It may also be used to alert against unsafe practices.

**CAUTION:** Indicates a potentially hazardous situation that, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.

If you have questions not answered in this manual or require additional copies or the manual is damaged, please contact your dealer or ROTO-MIX, 2205 E. Wyatt Earp, Dodge City, Kansas, 67801. (Telephone) 620-225-1142 (Fax) 620-225-6370

## **SAFETY FIRST**

**REMEMBER:** The careful operator is the best operator. Most accidents are caused by human error. Certain precautions must be observed to prevent the possibility of injury or death.



**DO NOT ALLOW PERSONNEL OTHER THAN THE QUALIFIED OPERATOR NEAR THE MACHINE.**



**NEVER START MACHINE UNTIL ALL GUARDS AND SAFETY SHIELDS ARE IN PLACE.**



**DO NOT CLEAN, ADJUST OR LUBRICATE THE MACHINE WHILE IT IS IN MOTION.**



**BEFORE STARTING TRACTOR ENGINE, BE SURE PTO SHIELDS TURN FREELY.**



**LOOSE OR FLOPPY CLOTHING SHOULD NOT BE WORN BY THE OPERATOR.**

### **OPERATING PRECAUTIONS & INSTRUCTIONS:**

- A. Check to see that no obstructions are present in the mixer prior to start up.
- B. Before loading, run the mixer empty and check all operations.
- C. Do not overload the mixer. Maximum load for the 745 is 18,500LB., for the 865 it is 22,000LB. Maximum load is determined by weight, not volume.
- D. Be sure all shields are in place before operation.
- E. Use common sense when operating.



## EQUIPMENT SAFETY GUIDELINES

Safety of the operator is one of the main concerns in designing and developing a new piece of equipment. Designers and manufactures build in as many safety features as possible. However, every year many accidents occur which could have been avoided by a few seconds of thought and a more careful approach to handling equipment. You, the operator, can avoid many accidents by observing the following precautions in this section. To avoid personal injury, study the following precautions and insist those working with you, or for you, follow them.

In order to provide a better view, certain photographs or illustrations in this manual may show an assembly with a safety shield removed. However, equipment should never be operated in this condition. Keep all shields in place. If a shield is removed to perform maintenance or make a repair, reinstall the shield after the maintenance or repair is complete.

Replace any CAUTION, WARNING, DANGER or instruction safety decal that is not readable or is missing. Location of such decals are indicated in this manual.

Do not attempt to operate this equipment under the influence of drugs or alcohol.

Review the safety instructions with all users annually.

This equipment is dangerous to children and persons unfamiliar with its operation. The operator should be a responsible adult familiar with farm machinery and trained in this equipment's operations. Do not allow persons to operate or perform maintenance or repairs on this unit until they have read this manual and have developed a thorough understanding of the safety precautions and of how it works.

Do not paint over, remove or deface any safety signs or warning decals on your equipment. Observe all safety signs and follow the instructions on them.

Never exceed the limits of a piece of machinery, in its ability to do a job, or to do so safely, if safe operation is in question - **DON'T TRY IT.**



## LIGHTING AND MARKING

It is the responsibility of the customer to know the lighting and marking requirements of the local highway authorities and to install and maintain the equipment to provide compliance with the regulations. Add extra lights when transporting at night or during periods of limited visibility.



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## KEEP ALL SHIELDS IN PLACE

Do not operate mixer without safety shields in place.

Rotating parts can crush or dismember causing personal injury or death.

Disconnect PTO driveline before removing shields for adjustment or service.



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## OPERATE MIXER SAFELY

Rotating parts can entangle or strike people, resulting in personal injury or death.

Never enter a mixer while in operation.

Operate the mixer from the operator's tractor seat only.

Do not exceed load capacity of the mixer. (See loading instructions).

Reduce speed when turning or traveling on rough terrain.

Avoid traveling over loose fill, rocks, ditches or holes.

Keep transmissions in gear when traveling downhill.



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## KEEP RIDERS OFF MIXER

Keep riders off.

Riders are subject to injury such as being struck by foreign objects and being thrown off. Riders also obstruct the operator's view resulting in the machine being operated in an unsafe manner.





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## STAY CLEAR OF ROTATING DRIVELINES

Entanglement in rotating driveline can cause serious injury or death.

Keep driveline shields in place at all times. Make sure rotating shields turn freely.

Do not wear loose-fitting clothing which may catch in moving parts. Stop the engine and be sure PTO driveline is stopped before making adjustments, connections, or cleaning out PTO driven equipment .



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## PREVENT BATTERY EXPLOSIONS

Keep sparks, lighted matches, and open flame away from the top of battery. Battery gas can explode.

Never check battery charge by placing a metal object across the posts. Use a volt-meter or hydrometer.

Do not charge a frozen battery; it may explode. Warm battery to 60F (16C).



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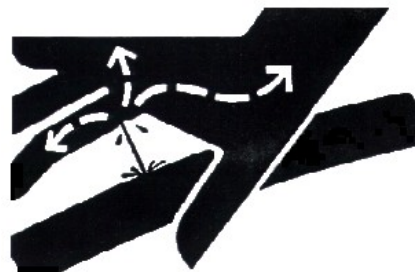
## AVOID HIGH-PRESSURE FLUIDS

Escaping fluid under pressure can penetrate the skin causing serious injury or death.

Avoid this hazard, relieve pressure before disconnecting hydraulic or other lines. Tighten all connections before applying pressure.

Search for leaks with a piece of cardboard. Protect hands and body from high pressure fluids.

If an accident occurs, see a doctor immediately. Any fluid injected into the skin must be surgically removed within a few hours or gangrene may result. Doctors unfamiliar with this type of injury should reference a knowledgeable medical source.





## SAFETY DECAL CARE

Keep safety decals and signs clean and legible at all times.

Replace safety decals and signs that are missing or have become illegible.

Replaced parts that displayed a safety sign should also display the current sign.

Safety decals or signs are available from your dealer or the ROTO-MIX manufacturing plant.

### How to Install Safety Decals:

Be sure that the installation area is clean and dry.

Decide on the exact position before you remove the backing paper of the decal.

Remove the smallest portion of the split backing paper.

Align the decal over the specified area and carefully press the small portion with the exposed sticky backing in place.

Slowly peel back the remaining paper and carefully smooth the remaining portion of the decal in place.

Small air pockets can be pierced with a pin and smoothed out using the piece of decal backing paper.



**IMPORTANT**  
ALWAYS REDUCE ENGINE SPEED  
TO IDLE BEFORE ENGAGING  
AND DISENGAGING PTO.  
DISENGAGE TRACTOR PTO  
BEFORE TURNING.

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## PRACTICE FIRE PREVENTION

Keep fire extinguishers accessible at all times. Use the extinguisher recommended for the material being processed. It should be rated safe for use on electrical fires.

Never smoke close to combustible material.

Clean the area before welding or other activities which may make sparks.

Keep all components that generate excessive heat clear of oil and other combustible materials.



## **REMEMBER**

**Your best assurance against accidents is a careful and responsible operator. If there is any portion of this manual or function you do not understand, contact your dealer or the ROTO-MIX plant.**

### **BEFORE OPERATION:**

Carefully study and understand this manual.

Do not wear loose-fitting clothing which may catch in moving parts.

Always wear protective clothing and substantial shoes.

Keep wheel lug nuts or bolts tightened to specified torque (220 ft-lb).

Assure that tires are inflated evenly.

Give the unit a visual inspection for any loose bolts, worn parts or cracked welds, and make necessary repairs. Follow the maintenance safety instructions included in this manual.

Be sure that there are no tools lying on or in the mixer.

Do not use the unit until you are sure that the area is clear, especially clear of children and animals.

Because it is possible that this mixer may be used in dry areas or the presence of combustibles, special precautions should be taken to prevent fires and fire fighting equipment should be readily available.

Don't hurry the learning process or take the unit for granted. Become familiar with your new mixer before operating.

Practice operation of your mixer and its attachments. Completely familiarize yourself and other operators with its operation before using.



## DURING OPERATION:

Beware of bystanders, **particularly children !**  
Always look around to make sure that it is safe to start the engine or move the unit. This is very important with higher noise levels and quiet cabs, you may not hear people shouting.



**NO PASSENGERS ALLOWED** - Do not carry passengers anywhere on, or in equipment, except as required for operation.

Keep hands and clothing clear of moving parts.

Do not clean, lubricate or adjust your mixer while it is moving.

Be observant of the operating area and terrain - watch for holes, rocks or other hidden hazards. Always inspect the area prior to operation.

**Do not** operate near the edge of drop-offs or banks.

**Do not** operate on steep slopes as rollover may result.

**Operate** up and down (not across) slopes. Avoid sudden starts and stops.

Pick a smooth and as level as possible route when transporting across fields. Avoid the edges of ditches or gullies and steep hillsides.

Be extra careful when working on inclines.

Clear the equipment of brush, twigs or other materials to prevent buildup of dry combustible materials.

Maneuver the vehicle at safe speeds.

Avoid overhead wires or other obstacles. Contact with overhead lines could cause serious injury or death.

Avoid loose fill, rocks and holes; they can be dangerous for equipment operation or movement. Allow for unit length when making turns.

Do not walk or work under raised components or attachments unless securely positioned and blocked.

Keep all bystanders, pets and livestock clear of the work area.

Operate the towing vehicle from the tractor operator's seat only.

Never attempt to start engine and/or operate machine while standing alongside of unit.



## **DURING OPERATION (CONT)**

Never leave running mixer unattended.

As a precaution, always recheck the hardware on mixer following every 100 hours of operation. Correct all problems. Follow the maintenance safety procedures.



## **FOLLOWING OPERATION:**

Following operation, set the brakes, disengage all power drives, shut off the engine and remove the ignition keys.

Store the unit in an area away from human activity.

Do not park equipment where it will be exposed to livestock for long periods of time. Damage to equipment and livestock injury could result.

Do not permit children to play on or around the stored unit.

Make sure parked machine is on a hard, level surface and engage all safety devices.

Wheel chocks may be needed to prevent unit from rolling.



## **HIGHWAY AND TRANSPORT OPERATIONS:**

Adopt safe driving practices:

Always drive at a safe speed relative to local conditions and ensure that your speed is low enough for an emergency stop to be safe and secure. Keep speed to a minimum.

Reduce speed prior to turns to avoid the risk of overturning.

Avoid sudden uphill turns on steep slopes.

Always keep the vehicle in gear to provide engine braking when going downhill. Do not coast.

Do not drink and drive.



## **HIGHWAY AND TRANSPORT OPERATIONS (CONT):**

Comply with state and local laws governing highway safety and movement of farm machinery on public roads.

Use approved accessory lighting, flags and necessary warning devices to protect operators of other vehicles on the highway during daylight and nighttime transport.

The use of flashing amber lights is acceptable in most localities. However, some localities prohibit their use. Local laws should be checked for all highway lighting and marking requirements.

When driving mixer on the road or highway under 20 MPH (40 KPH) at night or during the day, use flashing amber warning lights and a slow moving vehicle (SMV) identification emblem.

Plan your route to avoid heavy traffic.

Be a safe courteous driver. Always yield to oncoming traffic in all situations, including narrow bridges, intersections, etc.

Be observant of bridge loading ratings. Do not cross bridges rated lower than the gross weight at which you are operating.

Watch for obstructions overhead and to the side while transporting.

Always operate mixer in a position to provide maximum visibility at all times. Make allowances for increased length and weight of the mixer when making turns, stopping the unit, etc.



## **PERFORMING MAINTENANCE:**

Good maintenance is your responsibility. Poor maintenance is an invitation to trouble.

Make sure there is plenty of ventilation. Never operate the engine of the vehicle in a closed building. The exhaust fumes can cause asphyxiation.

Before working on the mixer, stop the vehicle, set the brakes, disengage the PTO and all power drives, shut off the engine and remove the ignition keys.

Be certain all moving parts on attachments have come to a complete stop before attempting to perform maintenance.

Always use a safety support and block the wheels. Never use a jack to support the machine.

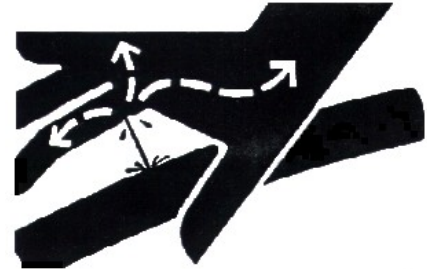


## PERFORMING MAINTENANCE (CONT):

Always use the proper tools or equipment for the job at hand.

Use extreme caution when making adjustments.

Never use your hands to locate hydraulic leaks on attachments. Use a small piece of cardboard or wood. Hydraulic fluid escaping under pressure can penetrate the skin.



When disconnecting hydraulic lines, shut off hydraulic supply and relieve all hydraulic pressure.

Openings in the skin and minor cuts can be infected from hydraulic fluid. If injured by escaping hydraulic fluid, see a doctor at once. Gangrene can result. Without immediate treatment, serious infection and reactions can occur.

Replace all shields and guards after servicing and before moving.

After servicing, be sure all tools, parts and service equipment are removed.

Do not allow grease or oil to build up on any step or platform.

Never replace hex bolts with less than grade five (5) bolts unless otherwise specified.

Where replacement parts are necessary for periodic maintenance and servicing, genuine factory replacement parts must be used to restore your equipment to original specifications. ROTO-MIX will not claim responsibility for use of unapproved parts and/or accessories and other damages as a result of their use.

If equipment has been altered in any way from original design, ROTO-MIX does not accept any liability for injury or warranty.

A fire extinguisher and first aid kit should be kept readily accessible while performing maintenance on this mixer.

## READ THE FOLLOWING BEFORE WELDING ON THIS MIXER

When welding on your mixer, do not allow the current to flow through the ball bearings or the roller chains. Ground directly to the item being welded. Clean the area before welding and have a fire extinguisher accessible at all times.

Always disconnect the scale instrumentation from the weigh bars or load cells and the power source. Be sure the current does not pass through weigh bars or load cells or scale indicator. The towing vehicle's alternator should always be disconnected if the mixer is not disconnected from the vehicle.



## PREPARING TRACTOR FOR TRAILER MIXER

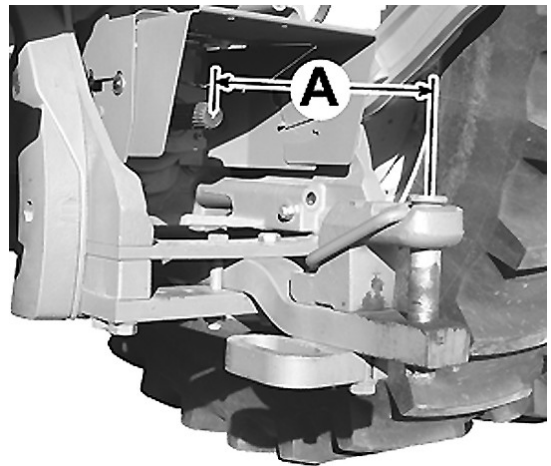
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### POSITIONING DRAWBAR

**IMPORTANT:** Drive components can be damaged from excessive speed. Do not operate tractor at speeds in excess of recommended PTO rpm .

This feed mixer is equipped with a 1000 RPM driveline. Match tractor PTO with the feed mixer driveline.

**IMPORTANT:** To prevent driveline damage, adjust tractor drawbar to recommended setting. Disengage tractor PTO before turning.



Install clevis on tractor drawbar.

Adjust drawbar length:

PTO SPEED	DIMENSION (A)
1000 RPM (1-3/8"-21 SPLINE)	16 inches (406 mm)
1000 RPM (1-3/4"-20 SPLINE)	20 inches (508 mm)

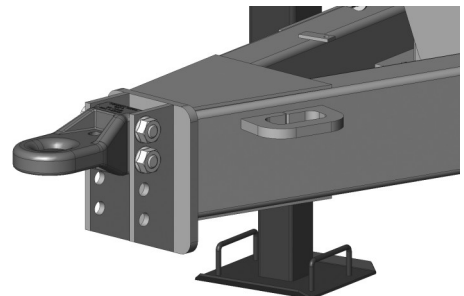
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### ADJUST TRAILER HITCH

Mixer should be approximately level when attached to tractor.

Adjust hitch by changing hole location on mixer tongue.

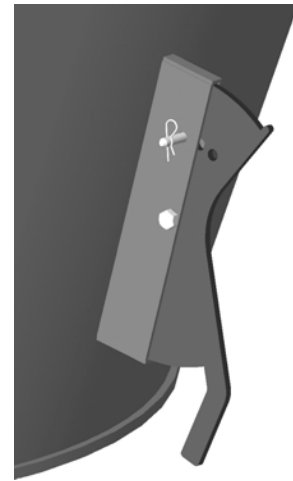
Hitch Pin Size - 1" Dia. Minimum - 1-1/2" Dia. Maximum



## LOADING INSTRUCTIONS & PRECAUTIONS

- A. Visually inspect mixer before each load.
- B. Do not overload the mixer. Mixer capacity is determined by weight. An overloaded mixer will not mix correctly, and will pull harder, which could damage your unit. **Maximum weight is 18,500 LB for the 745 model and 22,000 LB for the 865 model.**
- C. Load hay first with machine running: **TRACTOR RUNNING AT 1000 RPM PTO SPEED, TRUCK ENGINE RUNNING FROM 1,700 - 1,800 RPM.** Use a slower auger speed if you are using very tender, very fine stemmed hay that breaks apart very easily. Slower speeds allow for maximum staple length. Increase auger speed (TRACTOR - using the 2 speed gearbox) (TRUCK - using the hydrostat control handle) as the hay texture changes from very tender, to fine stemmed, to normal good quality hay, to very rough course hay.

Adjust restrictor plates (dogs) to fine tune length of cut. Always start with one dog, preferably the rear, engaged one hole and increase until length of cut is correct. **NOTE: engaging dogs and excessive amount will cause mix quality to deteriorate.**



- D. Add balance of grain and/or commodities, keeping more fragile ingredients toward the end of the loading sequence as possible. For best results, add concentrates or other dry ingredients of small quantity as close to the middle of the loading sequence as possible.
- E. Load silage, green chop and/or other high moisture products.
- F. Load molasses, animal fat, and/or other liquid supplements last.
- G. Allow mixer three to four minutes to complete mixing after last ingredient is added. (**NOTE:** this time will vary, and could be longer under certain conditions.)
- H. View mixing operation only from observation platform of mixer. Never allow more than two people on platform at one time.
- I. For best results, off load mixed feed at as high a RPM as possible, and with the door as open as possible.

### HAY PREPARATION:

SMALL BALES (60 to 150 lbs., 2 or 3 wire), LARGE SQUARE BALES (3' x 4' x 8' or 4' x 4' x 8') and ROUND BALES.

**Remove all twine, wire and/or wrapping and load bale in mixer.**

## TROUBLE SHOOTING

**⚠ WARNING** ALWAYS DISCONNECT OR DISENGAGE POWER TAKE OFF AND REMOVE KEYS FROM TRACTOR OR TRUCK BEFORE CLEANING, ADJUSTING, LUBRICATING OR SERVICING THIS MACHINE. FAILURE TO FOLLOW THIS RECOMMENDATION MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.

**NOTE:** THIS CHART DOES NOT COVER ALL PROBLEMS. CONTACT YOUR DEALERSHIP FOR FURTHER ASSISTANCE.

PROBLEM	POSSIBLE CAUSE	POSSIBLE REMEDY
Machine Vibration	Universal Joints Are Out Of Alignment.	Check And Realign
	Worn Out Bearing.	Replace Bearing.
Excessive Bearing Failure	Improper Lubrication	Refer To Lubrication Chart.
	Contamination	Check Seal
	Excessive Loads.	Refer To General Information About Machine Loading
Mixing quality poor, not thorough.	Batch has high concentration of light weight ingredients and rotates too fast inside tub for thorough mixing.	Extend restrictor plates (dogs) further into tub as instructed on page 20.
	High concentration of long hay, not being torn apart.	Extend restrictor plates (dogs) further into tub as instructed on page 20.
Hay being added to batch, but not being incorporated into mixture.	Hay not getting shredded by mixing action, batch rotating inside tub too fast.	Extend restrictor plates (dogs) further into tub as instructed on page 20.
Too much power being consumed to mix.	Restrictor plates extend too far into tub and retarding rotation of batch.	Move restrictor plates (dogs) away from tub as instructed on page 20.

## LUBRICATION

**DISENGAGE PTO & SHUT OFF POWER BEFORE LUBRICATING THE MACHINE.**

**DO NOT WEAR LOOSE FITTING CLOTHING THAT MAY CATCH IN MOVING PARTS.**

**PTO SHAFTS & U-JOINTS:** Grease every 8 hours of operation.

**IT IS RECOMMENDED THAT ALL TRUCK HYDRAULIC RESERVOIRS (except the gearbox reservoir) (Citgo Transguard Tractor Hydraulic Fluid #633310001 or equivalent).**

**Approximate quantity of oil in truck hydraulic reservoir is 32 gallons. Hydrostat system uses a 1-1/4" filter element SE-10, part #362442. Gear pump hydraulic system uses a 1" filter, part #362402.**

**OIL FILTER SERVICE:** All filters should be changed the first 24 hours after start up of the system, then after the running-in period (50-100 hours of service) and during normal maintenance every 300 - 500 hours of service. 10 micron filter elements are recommended. All reservoirs should be checked daily for proper fluid level. Visually check daily for any fluid leakage.

**PLANETARY GEARBOXES:** After the first 500 hours of operation, drain initial oil, preferably when box is warm. For an effective oil change, the unit should be flushed with a liquid detergent recommended by the lubricant supplier and refilled with oil. Thereafter oil should be changed every 2000 hours or 12 months, whichever comes first. Inspect and wash oil reservoir breather cap as needed. Air dry before reinstalling. Fill each gearbox with approximately 6 gallon of, **NOTE: (Mobil Delvac Synthetic Gear Oil 75W-90). Gearbox hydraulic system uses 3/4" filter AE-10, #362440 .** Approximate volume of the planetary gearboxes and their reservoir is 15 gallons.

**PROCEDURE FOR FILLING PLANETARY GEARBOX:** Remove lower and upper oil line from gearbox and attach the lower oil line to the oil supply pump. Pressure oil in gear box until oil appears in the upper oil line. Repeat process with the other planetary gearbox. Reconnect oil lines and fill reservoir to center of sight gauge, run unit and add oil up to center of sight gauge if needed.. Check daily, oil level must always be visible in sight gauge. **NOTE: Refilling the gearbox through the oil reservoir can be done but you will have to let the unit set a considerable amount of time (possibly over night) to equalize the oil level in the gearboxes.**

**2 SPEED GEARBOX (TRAILER UNIT):** After the first 500 hours of operation, drain initial oil, preferably when box is warm. For an effective oil change, the unit should be flushed with a liquid detergent recommended by the lubricant supplier and refilled with oil. Thereafter oil should be changed every 2000 hours or 12 months, whichever comes first. Fill the gear box to sight plug with approximately 6 quarts of, **NOTE: (Mobil Delvac Synthetic Gear Oil 75W-90).**

**RECOMMENDATION:** It is advisable to check the oil level of gearboxes at least once a month. If more than 10% of the total oil capacity has to be added, check for oil leaks.

**GEARBOX TEMPERATURES:** During normal running conditions, the temperature of the outer casing of the gearbox should not exceed 175°F (80°C).

## LUBRICATION CHART

**⚠ WARNING** ALWAYS DISCONNECT OR DISENGAGE POWER TAKE OFF AND REMOVE KEYS FROM TRACTOR OR TRUCK BEFORE CLEANING, ADJUSTING, LUBRICATION OR SERVICING THIS MACHINE. FAILURE TO HEED MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH.

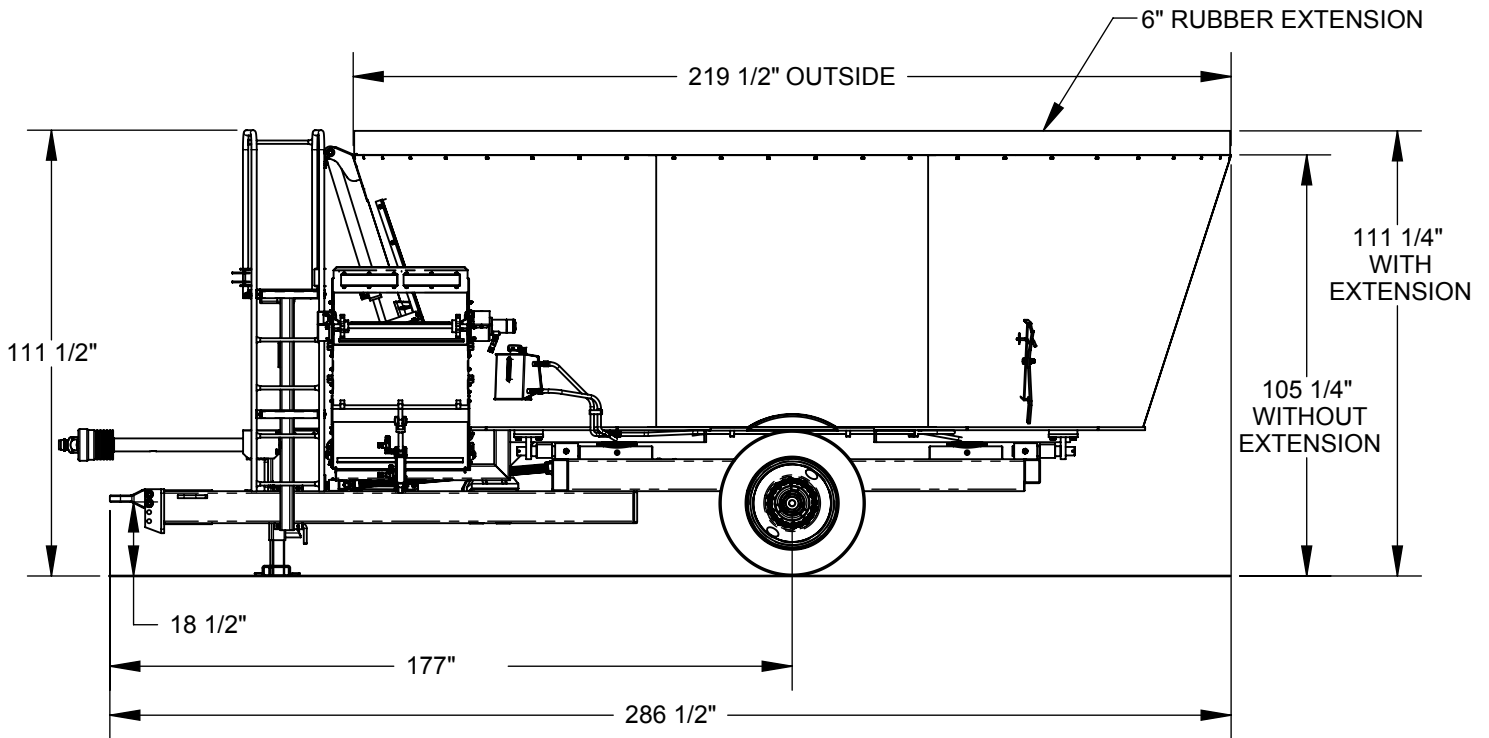
ITEM	LUBRICATION	INTERVAL
Conveyor Chain	Light Weight Oil	Brush or spray on lightly every 40 hours of operation
Conveyor Bearings	Good Quality Grease	One pump every 8 hours of operation
PTO (Slip Shaft)	Good Quality Grease	Every 8 hours  IMPORTANT: At each lubrication make sure the slip shaft slides in and out freely, failure of the shaft to slide freely will result in drive train damage.
Wheel Bearings	90W Gear Lube	Inspect daily for leaks.
U-Joint	Good Quality Grease	Every 8 hours
CV-Joint	Good Quality Grease	Every 8 hours
Truck Hydrostat Reservoir	Citgo Transguard Tractor Hydraulic Fluid #633310001 or equivalent	2000 hours or every 12 months, whichever comes first
Planetary Gearbox	Mobil Delvac Synthetic Gear Oil 75W-90	After the first 500 hours of operation, then 2000 hours or every 12 months, whichever comes first
2 Speed Gearbox	Mobil Delvac Synthetic Gear Oil 75W-90	After the first 500 hours of operation, then 2000 hours or every 12 months, whichever comes first
Oil Filters		<ol style="list-style-type: none"> <li>1. 24 hours after start up of the system.</li> <li>2. After the running-in period (50-100 hours of service).</li> <li>3. Normal maintenance every 300-500 hours of service.</li> </ol>

## 745 / 865 TWIN VERTICAL FEATURES & SPECIFICATIONS

<b>Specifications</b>	<b>745 (Trailer)</b>	<b>745 (Truck)</b>	<b>865 (Trailer)</b>	<b>865 (Truck)</b>
Maximum Load by Weight	18,500 lbs.	18,500 lbs.	21,500 lbs.	21,500 lbs.
Empty Weight for <b>Side Discharge</b> Approximate	17,680 lbs.	11,900 LBS Add Truck Weight	18,100 lbs.	12,320 LBS Add Truck Weight
Empty Weight for <b>Front Discharge</b> Approximate	19,610 lbs.	17,920 LBS Add Truck Weight	20,030 lbs.	18,340 LBS Add Truck Weight
Overall Length	280 1/4"	NA	283 1/4"	NA
Transport Width	109 1/2"	111" Approx.	111"	111" Approx.
Overall Height	105 1/4"	127" Approx.	115 1/4"	137" Approx.
Minimum Horsepower	130	225	135	225
Mixing Capacity in Cubic Feet	740	740	860	860
Tire Size	255/70R22.5	NA	255/70R22.5	NA
Tire, OD	36"	NA	36"	NA
Discharge Magnets	Optional	Optional	Optional	Optional
Screw Speeds	26 RPM in low, 39 RPM in high @ 1000 RPM	Variable up to 39 RPM @ 1,600 RPM	26 RPM in low, 39 RPM in high @ 1000 RPM	Variable up to 39 RPM @ 2,000 RPM
PTO Speed	1000	2,000 RPM Truck Engine	1000	2,000 RPM Truck Engine
Conveyor Width	42"	42"	42"	42"

**All Dimensions & Specifications are Approximate and Subject to Change Without Notice.**

# 745 VERTICAL TRAILER DIMENSIONS

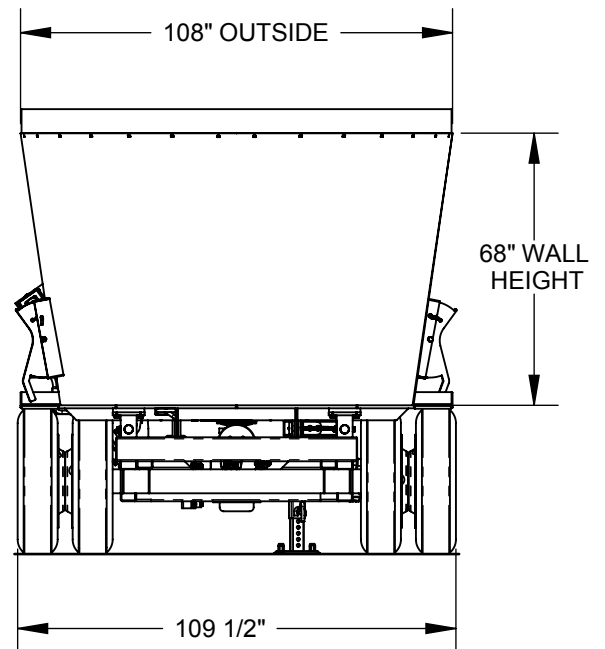


**HEIGHT DIMS BASED ON  
A 36" OD TIRE 255/70R22.5**

**EMPTY WEIGHT = 15,200 LBS**

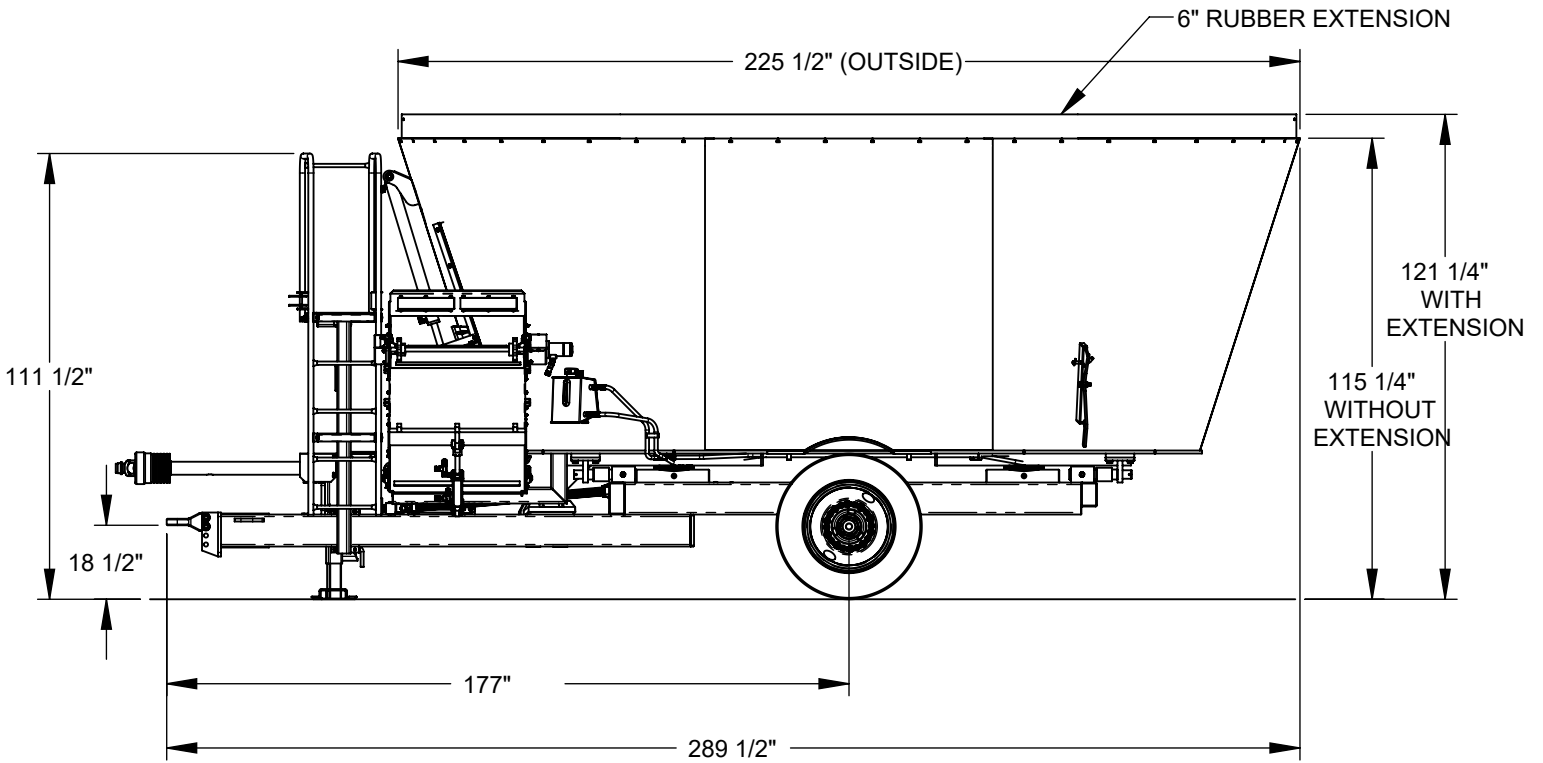
**1000 PTO RPM = 39 AUGER RPM**

**MAXIMUM LOAD BY WEIGHT = 18,500 LBS**



**All Dimensions & Specifications are Approximate and Subject to Change Without Notice.**

# 865 TRAILER DIMENSIONS

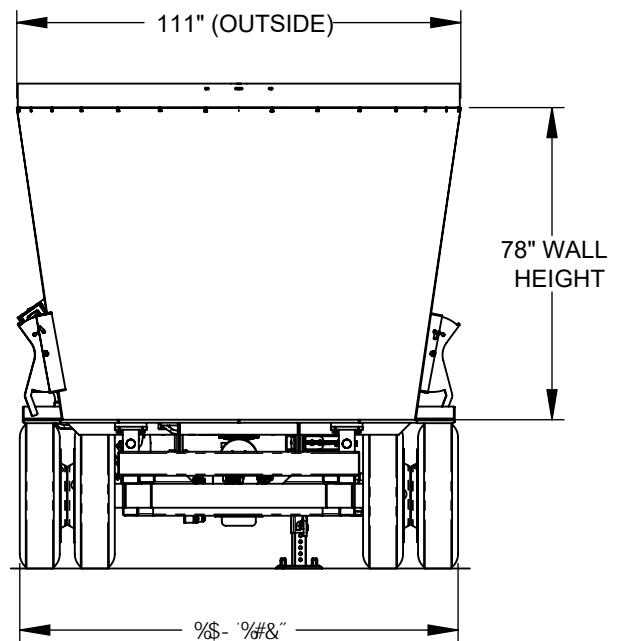


**HEIGHT DIMS BASED ON  
36" OD TIRE 255/70R22.5**

**EMPTY WEIGHT = 16,000 LBS**

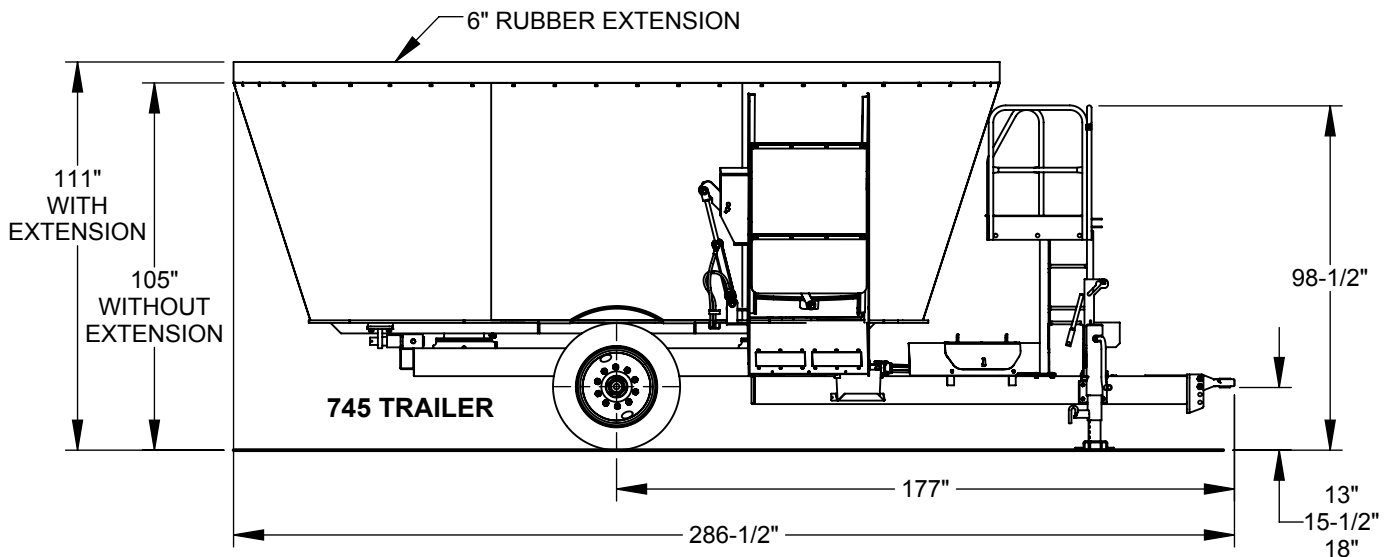
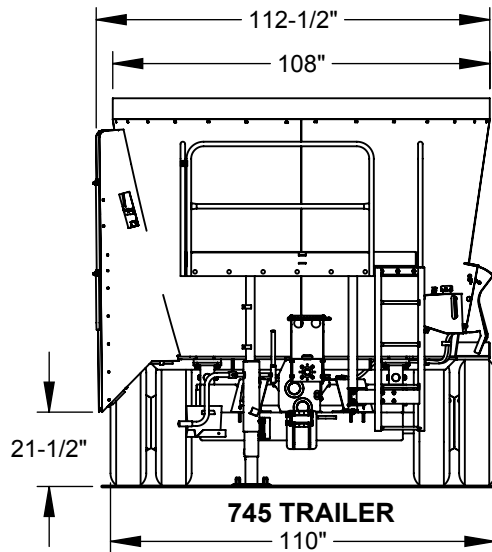
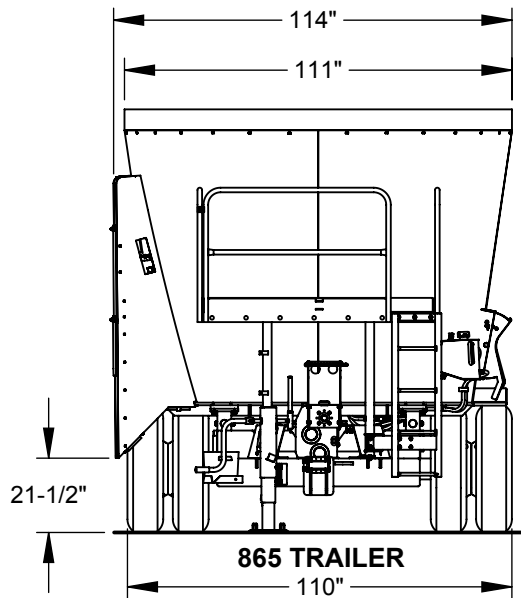
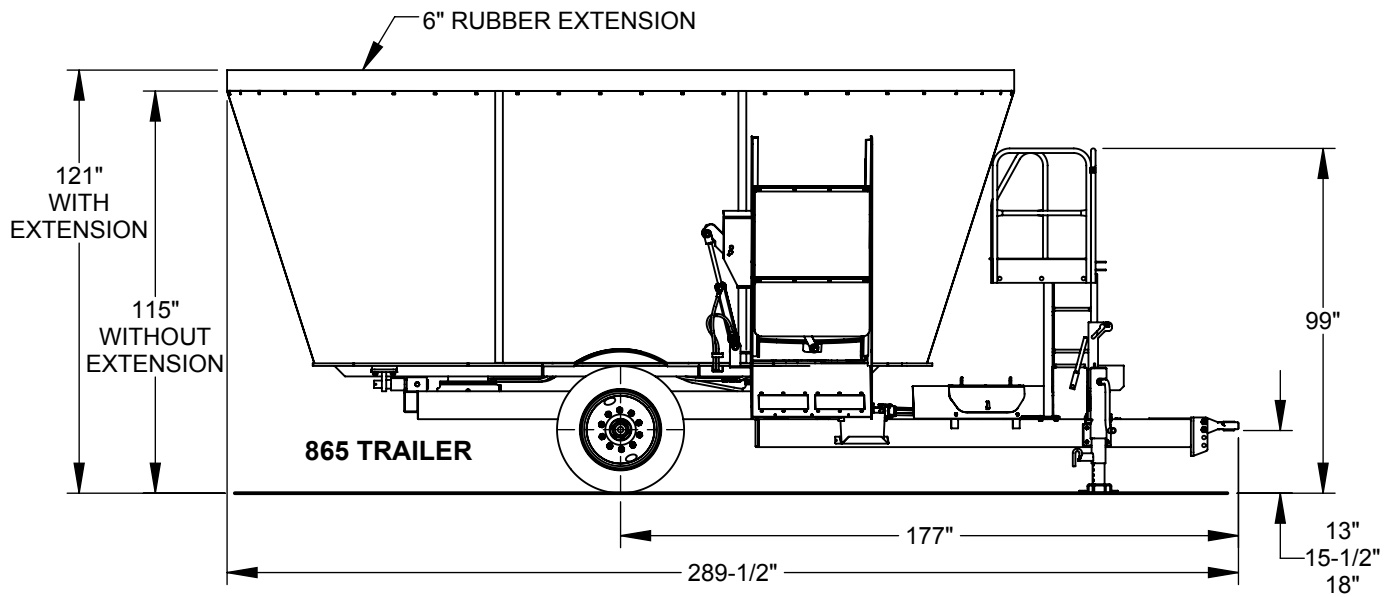
**1000 PTO RPM = 39 AUGER RPM**

**MAXIMUM LOAD BY WEIGHT = 21,500 LBS**



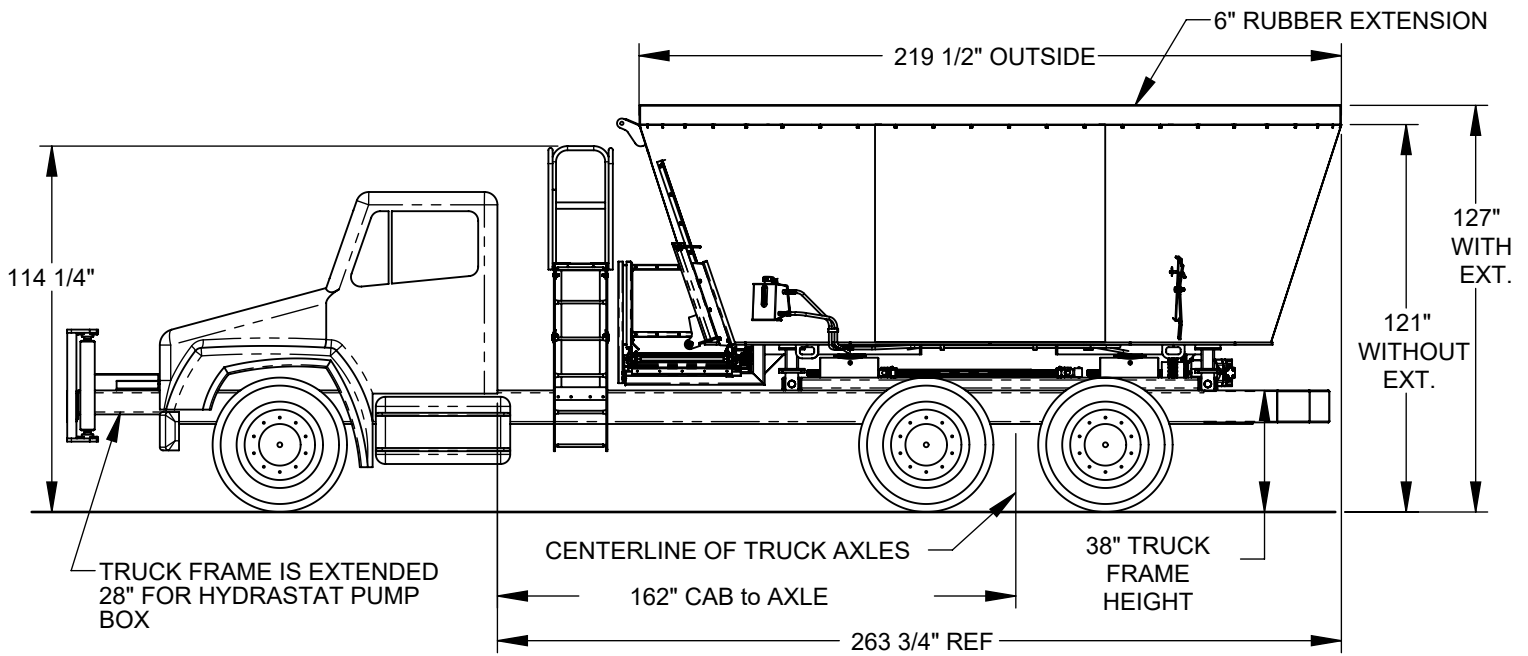
**All Dimensions & Specifications are Approximate and Subject to Change Without Notice.**

# 745 - 865 TRAILER SIDE DISCHARGE DIMENSIONS



All Dimensions & Specifications are Approximate and Subject to Change Without Notice.

# 745 VERTICAL TRUCK DIMENSIONS

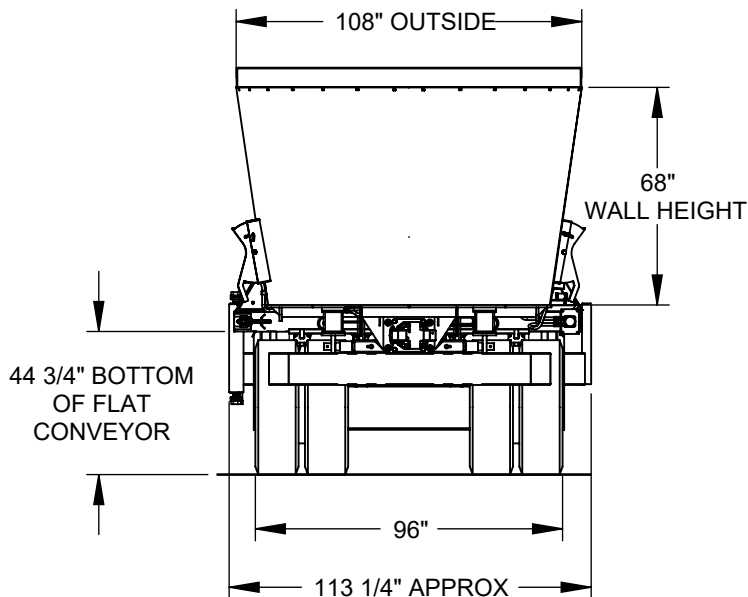


**APPROXIMATE WEIGHT OF MIXER ON TRUCK: 11,900 LBS**

**MAXIMUM LOAD BY WEIGHT: 18,500 LBS**

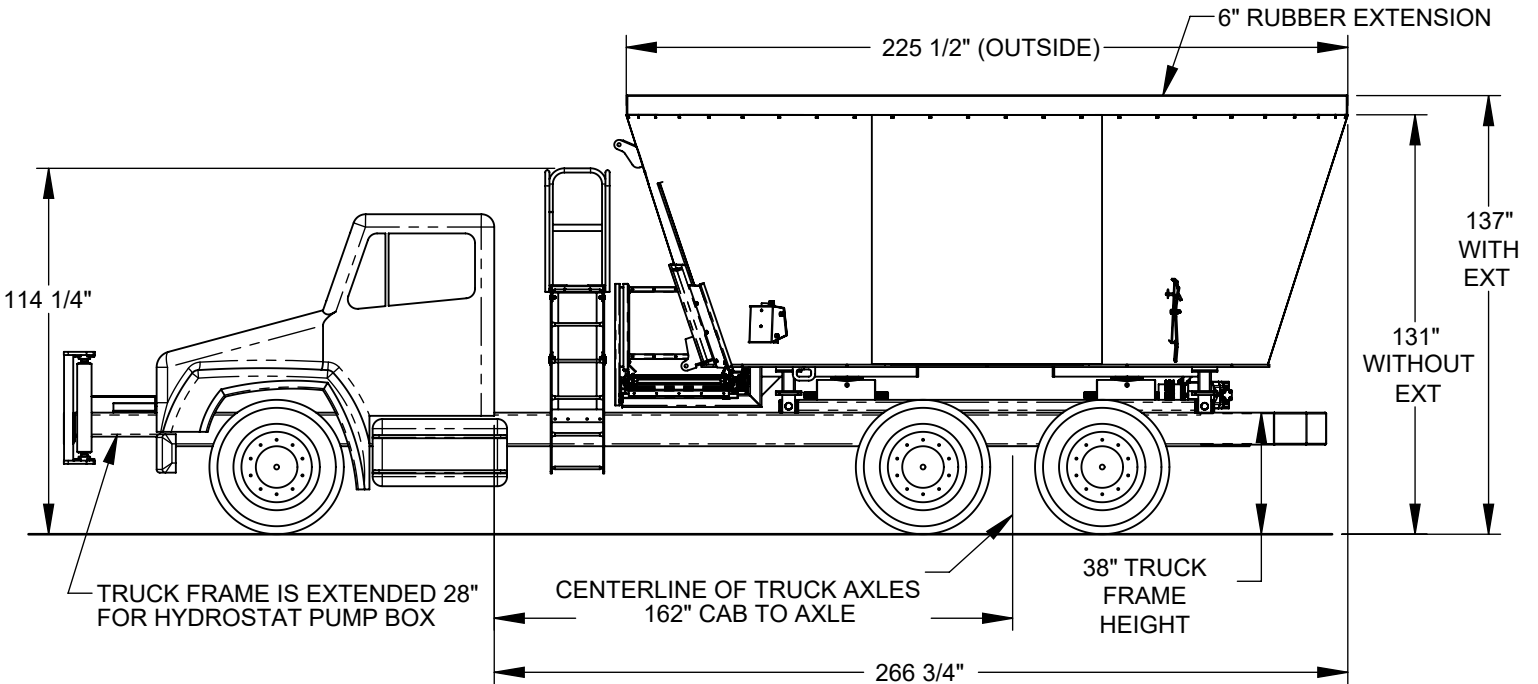
**HEIGHT DIMENSIONS SHOWN ARE  
BASED ON A 38" TRUCK FRAME**

**HEIGHT DIMENSIONS WILL VARY  
ACCORDING TO TRUCK HEIGHT**



**All Dimensions & Specifications are Approximate and Subject to Change Without Notice.**

# 865 VERTICAL TRUCK DIMENSIONS

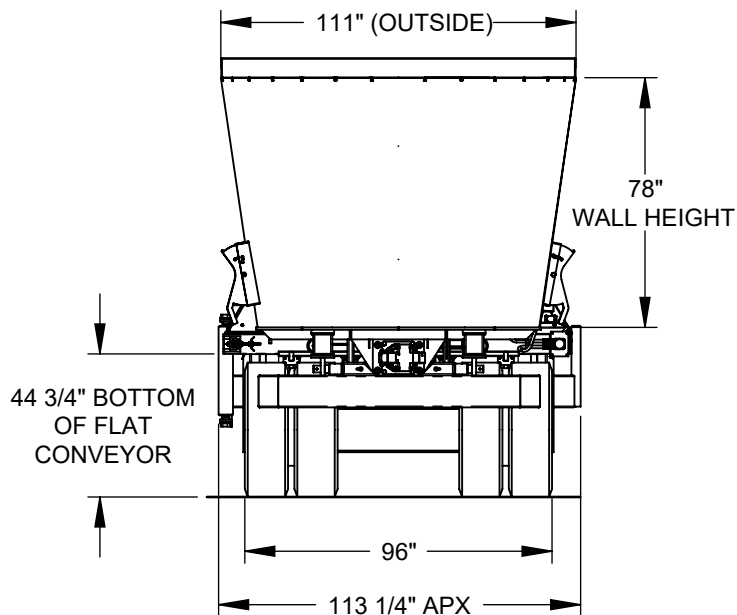


**APPROXIMATE WEIGHT OF MIXER ON TRUCK: 12,700 LBS**

**MAXIMUM LOAD BY WEIGHT: 21,500 LBS**

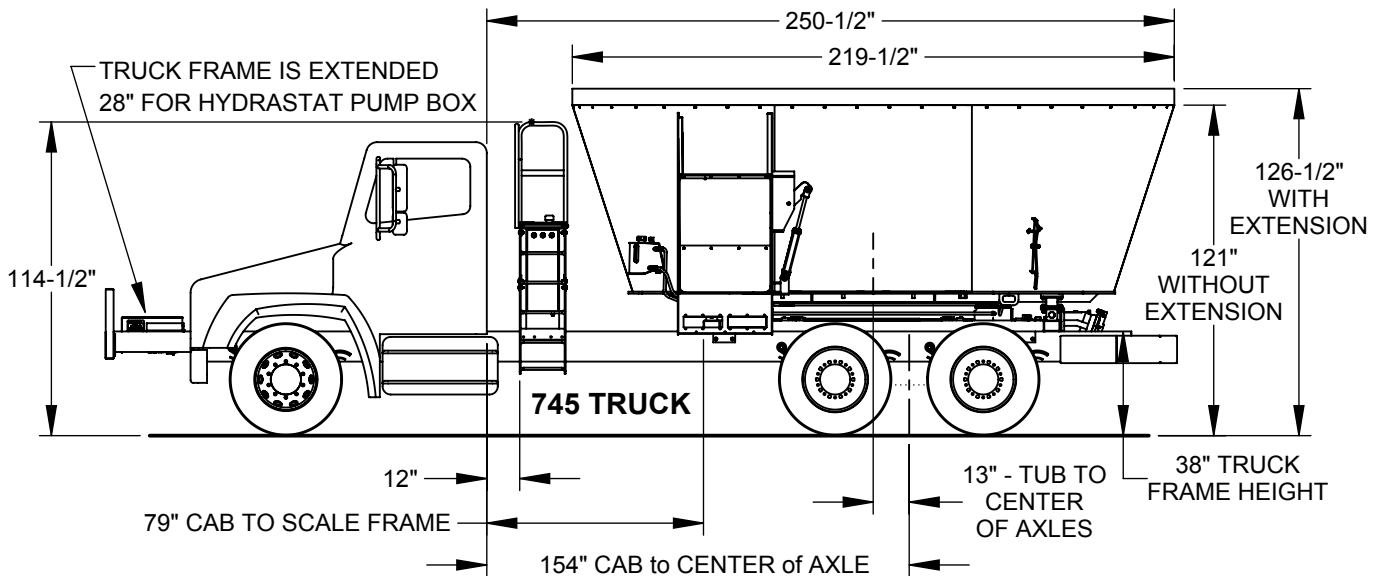
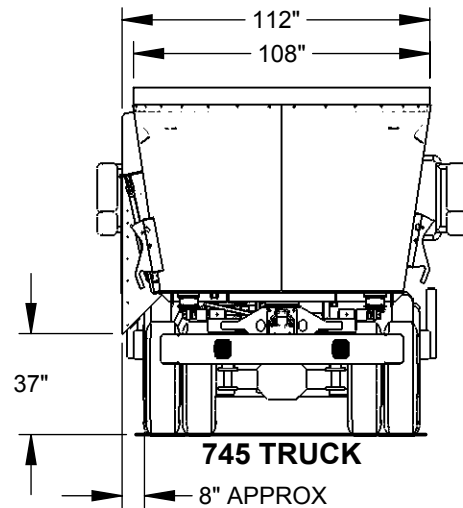
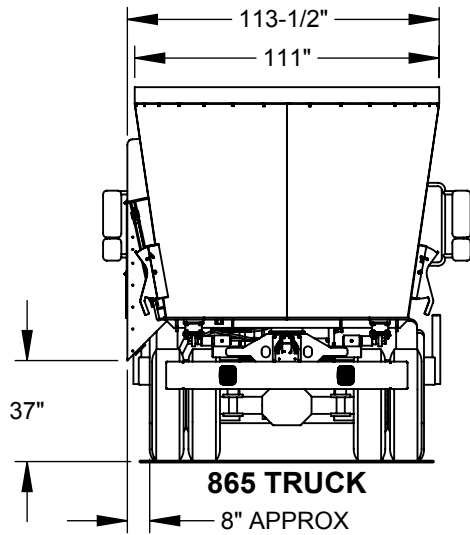
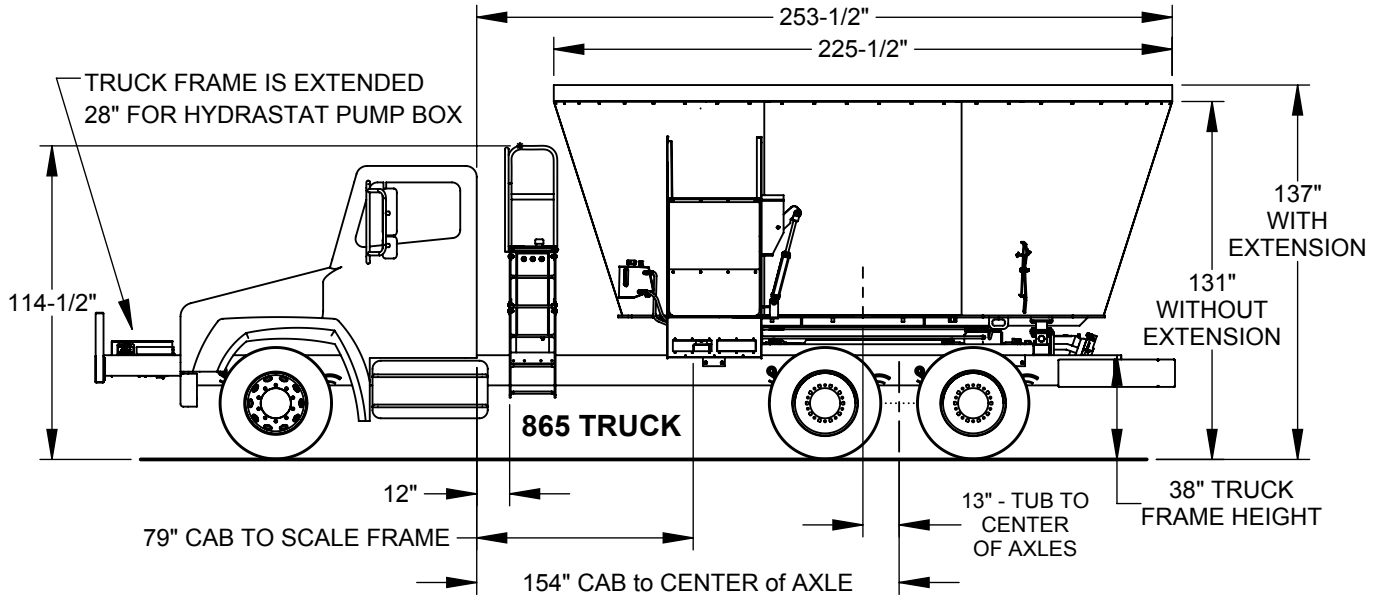
**HEIGHT DIMENSIONS SHOWN ARE BASED ON A 38" TRUCK FRAME**

**HEIGHT DIMENSIONS WILL VARY ACCORDING TO TRUCK HEIGHT**



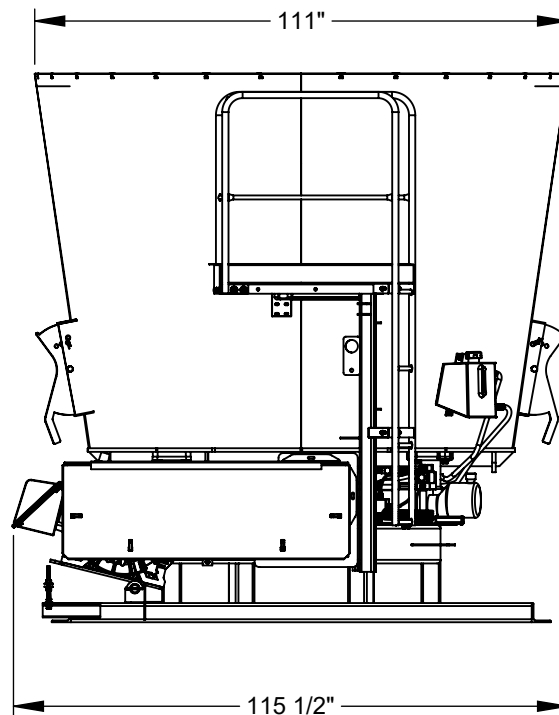
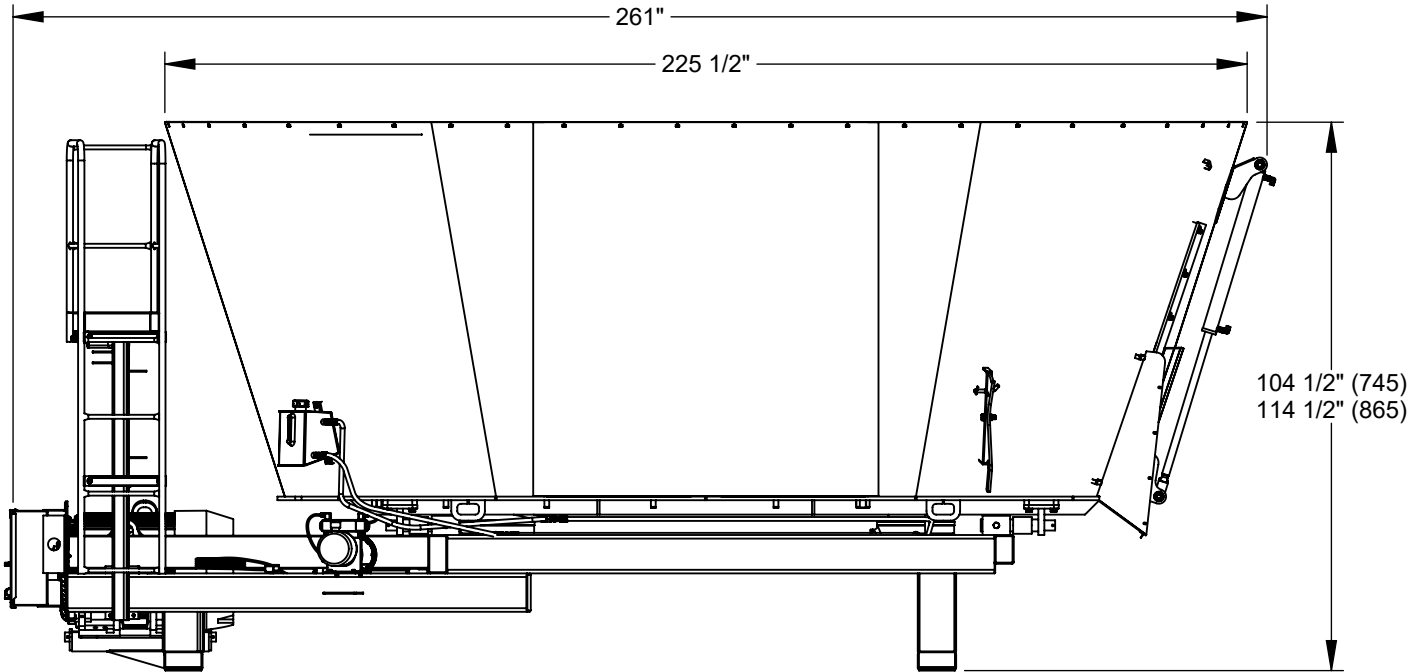
**All Dimensions & Specifications are Approximate and Subject to Change Without Notice.**

# 745 & 865 SIDE DISCHARGE TRUCK DIMENSIONS



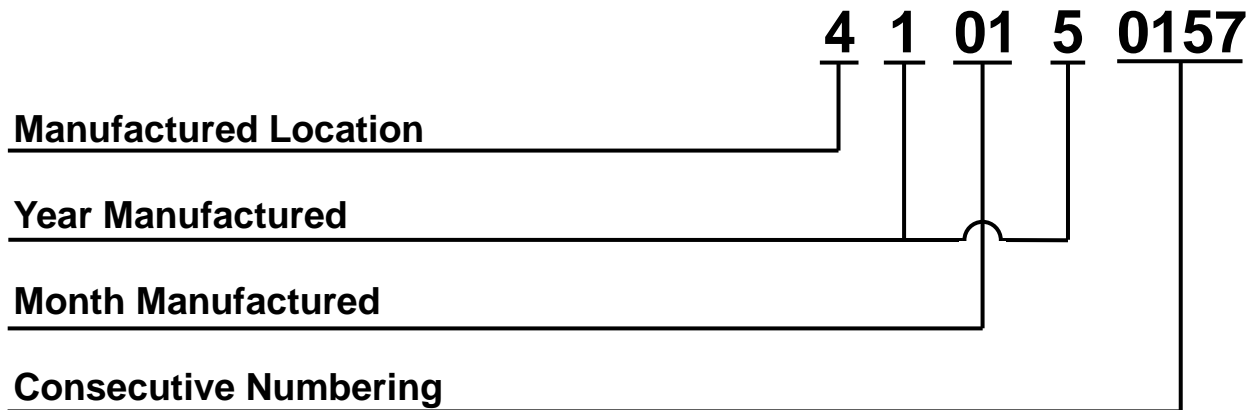
**All Dimensions & Specifications are Approximate and Subject to Change Without Notice.**

# 745 - 865 STATIONARY DIMENSIONS



**\* All Dimensions & Specifications are Approximate and Subject to Change Without Notice.**

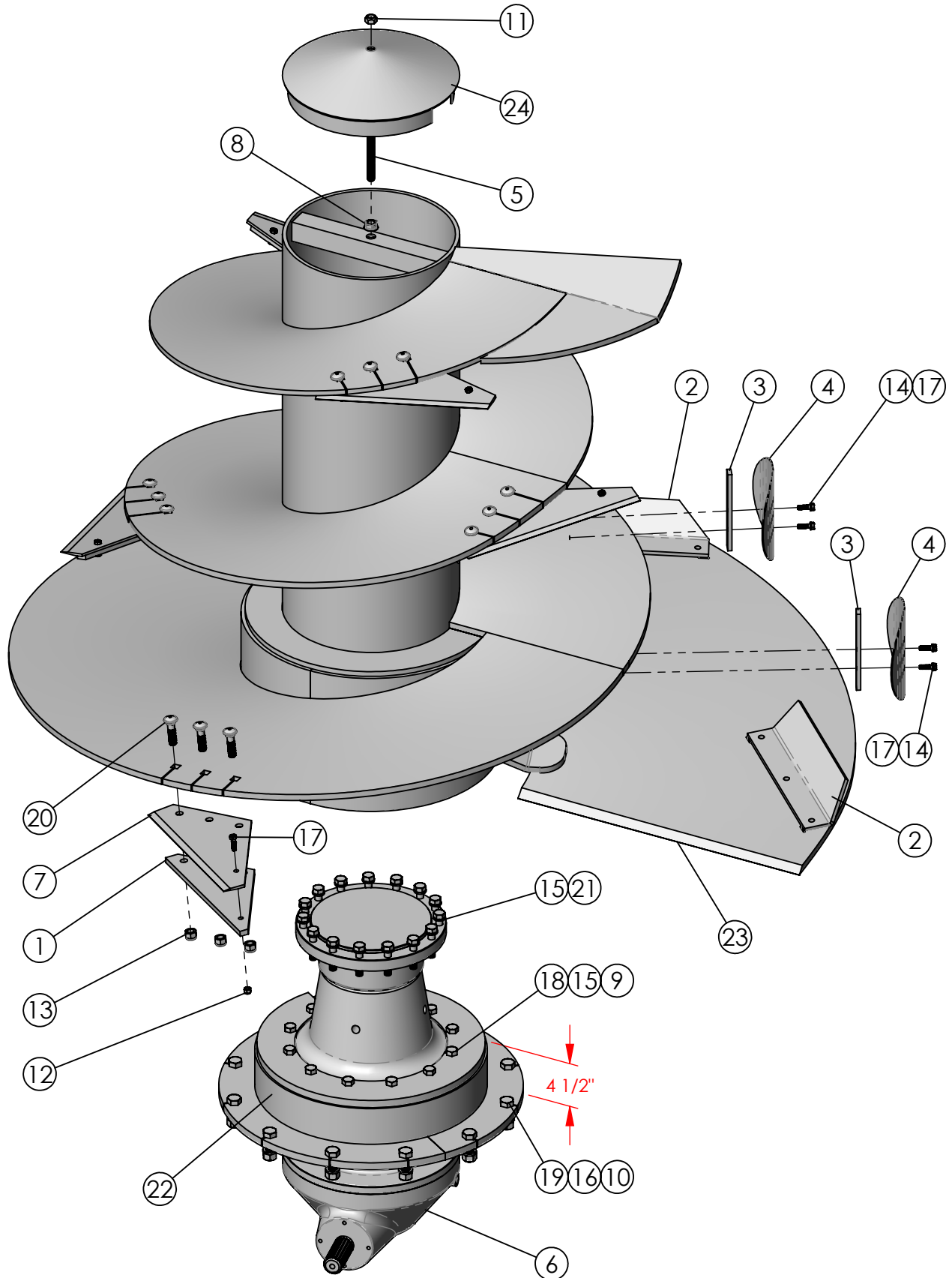
# How to read a Roto-Mix Serial Number



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# 745 - 865 VERTICAL AUGER ASSEMBLY INCLUDING & AFTER SERIAL# 810139359



## 745 - 865 VERTICAL AUGER ASSEMBLY INCLUDING & AFTER SERIAL# 810139359

ITEM #	PART #	DESCRIPTION	QTY.
1	160076	KNIFE BACKUP PLATE RH, 5 13/16" x 16 3/8"	7
2	160761	AUGER KICKER - 16"	2
3	161290	AUGER COVER BOLT BAR 3/8 x 1 x 8	2
4	161298	AUGER ACCESS COVER - 7" OD	2
5	162399	ALL THREAD 5/8 x 5-1/4"	1
6	344146	PLANETARY GEARBOX - TRAILER & STAT.	1
	344158	PLANETARY GEARBOX - TRUCK	1
7	385007	KNIFE BLADE 7 1/2" x 17 1/4"	7
8	400115	FLANGE NUT, 5/8-11 SERRATED	1
9	400210	HEX NUT 5/8"-11 #5 PLTD	12
10	400212	HEX NUT 3/4"-10 #5 PLTD	12
11	400910	HEX CROWN LOCNUT 5/8"-11 #9 PLTD	1
12	401106	HEX NUT, 3/8"-16 NYLOC #5 PLTD	7
13	401110	HEX NYLOC NUT 5/8"-11 #5 Pltd	21
14	402006	WASHER SPRING LOCK 3/8" MED PLTD	4
15	402010	SPRING LOCK WASHER 5/8" PLTD	27
16	402012	SPRING LOCK WASHER 3/4" PLTD	12
17	405654	HHCS 3/8"-16 x 1-1/4" #5 PLTD	11
18	405758	HHCS 5/8"-11 x 3" #5 PLTD	12
19	405781	HHCS 3/4"-10 x 2-1/2" #5 PLTD	12
20	407122	CHCS 5/8"-11 x 2-1/2" #5 Pltd	21
21	407817	HHCS M16 x 70MM GRADE 10.9	15
22	860591	GEAR BOX FLANGE WA, 745/865-(42W CONV)	1
23	860697	745/865 AUGER WA, (42W CONV)	1
24	860845	AUGER TUBE CAP WA - 16" PIPE	1

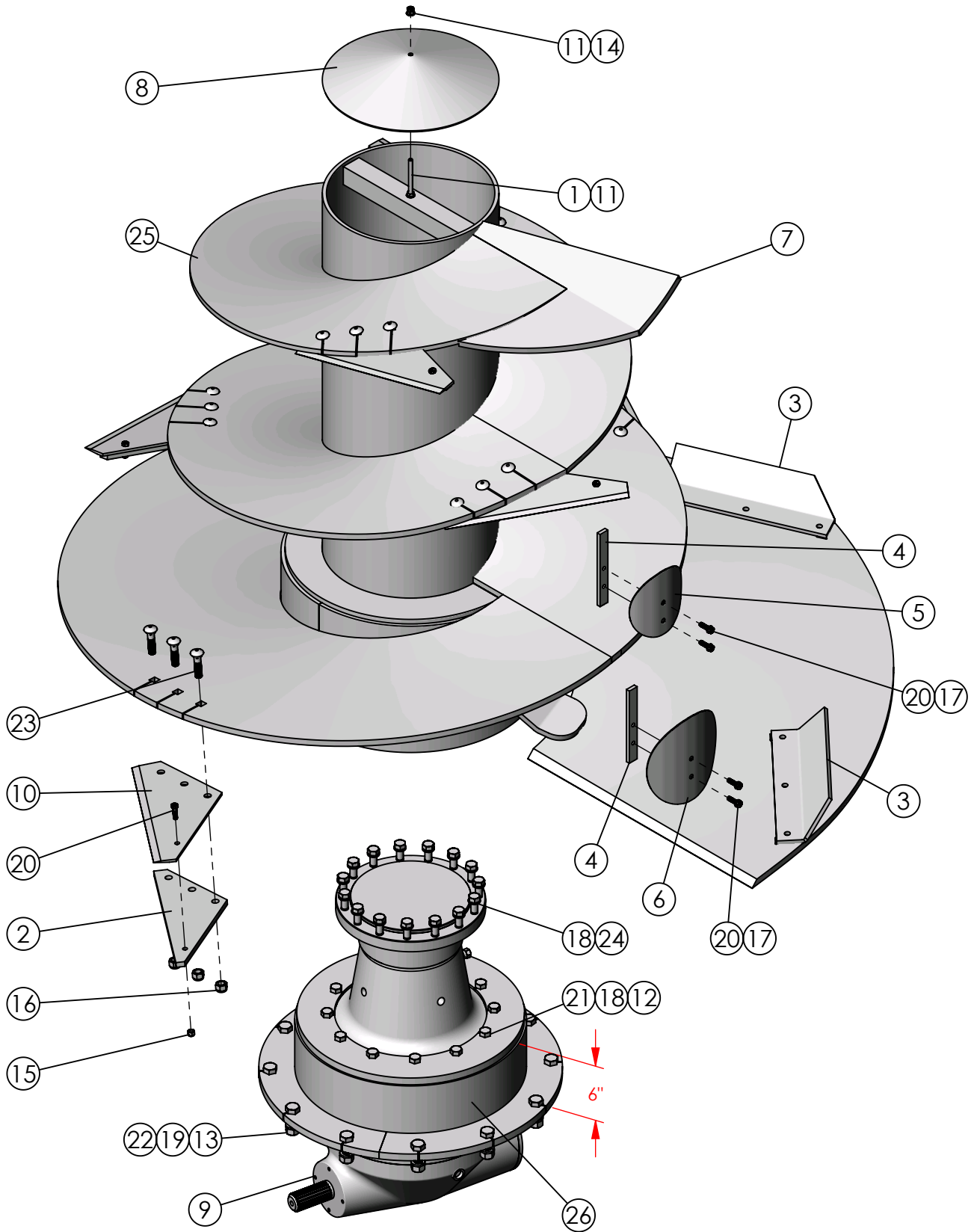
**KNIFE OPTIONS:**

385007 - STANDARD KNIFE

385008 - CARBIDE KNIFE

385018 - DOUBLE SPRAYED BUSATIS KNIFE

# 745 - 865 VERTICAL AUGER ASSEMBLY INCLUDING & BEFORE SERIAL #810139336



## 745 - 865 VERTICAL AUGER ASSEMBLY INCLUDING & BEFORE SERIAL #810139336

ITEM #	PART #	DESCRIPTION	QTY.
1	140099	ALL THREAD 3/8' x 5"	1
2	160076	KNIFE BACKUP PLATE RH, 5 13/16" x 16 3/8"	7
3	160761	AUGER KICKER - 16"	2
4	161290	AUGER COVER BOLT BAR 3/8 x 1 x 8	2
5	161291	AUGER ACCESS COVER - 7" OD	1
6	161298	AUGER ACCESS COVER - 7" OD	1
7	161361	745 TOP FLIGHT EXTENSION	1
8	161363	AUGER TUBE CAP-17"	1
9	344146	PLANETARY GEARBOX - TRAILER & STAT.	1
	344158	PLANETARY GEARBOX - TRUCK	1
10	385007	KNIFE BLADE 7 1/2" x 17 1/4"	7
11	400107	HEX NUT, 3/8"-16 SERRATED FLANGE #5	2
12	400210	HEX NUT 5/8"-11 #5 PLTD	12
13	400212	HEX NUT 3/4"-10 #5 PLTD	12
14	400606	HEX JAM NUT 3/8-16"	1
15	401106	HEX NUT, 3/8"-16 NYLOC #5 PLTD	7
16	401110	HEX NYLOC NUT 5/8"-11 #5 Pltd	21
17	402006	WASHER SPRING LOCK 3/8" MED PLTD	4
18	402010	SPRING LOCK WASHER 5/8" PLTD	27
19	402012	SPRING LOCK WASHER 3/4" PLTD	12
20	405654	HHCS 3/8"-16 x 1-1/4" #5 PLTD	11
21	405758	HHCS 5/8"-11 x 3" #5 PLTD	12
22	405781	HHCS 3/4"-10 x 2-1/2" #5 PLTD	12
23	407122	CHCS 5/8"-11 x 2-1/2" #5 Pltd	21
24	407817	HHCS M16 x 70MM GRADE 10.9	15
25	860415	745/865 AUGER WA, (30W CONV)	1
26	860417	GEAR BOX FLANGE WA, (30W CONV)	1

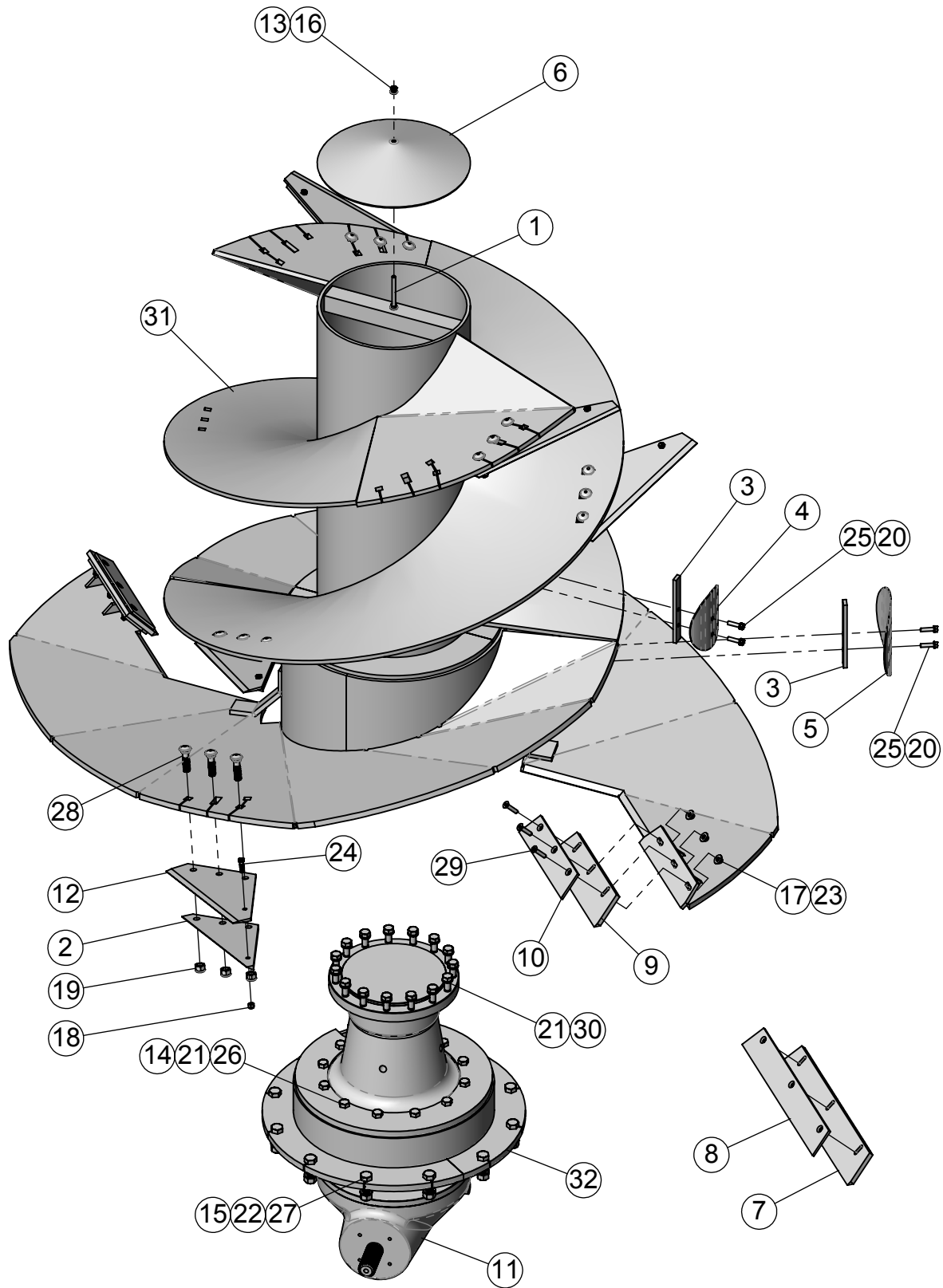
**KNIFE OPTIONS:**

385007 - STANDARD KNIFE

385008 - CARBIDE KNIFE

385018 - DOUBLE SPRAYED BUSATIS KNIFE

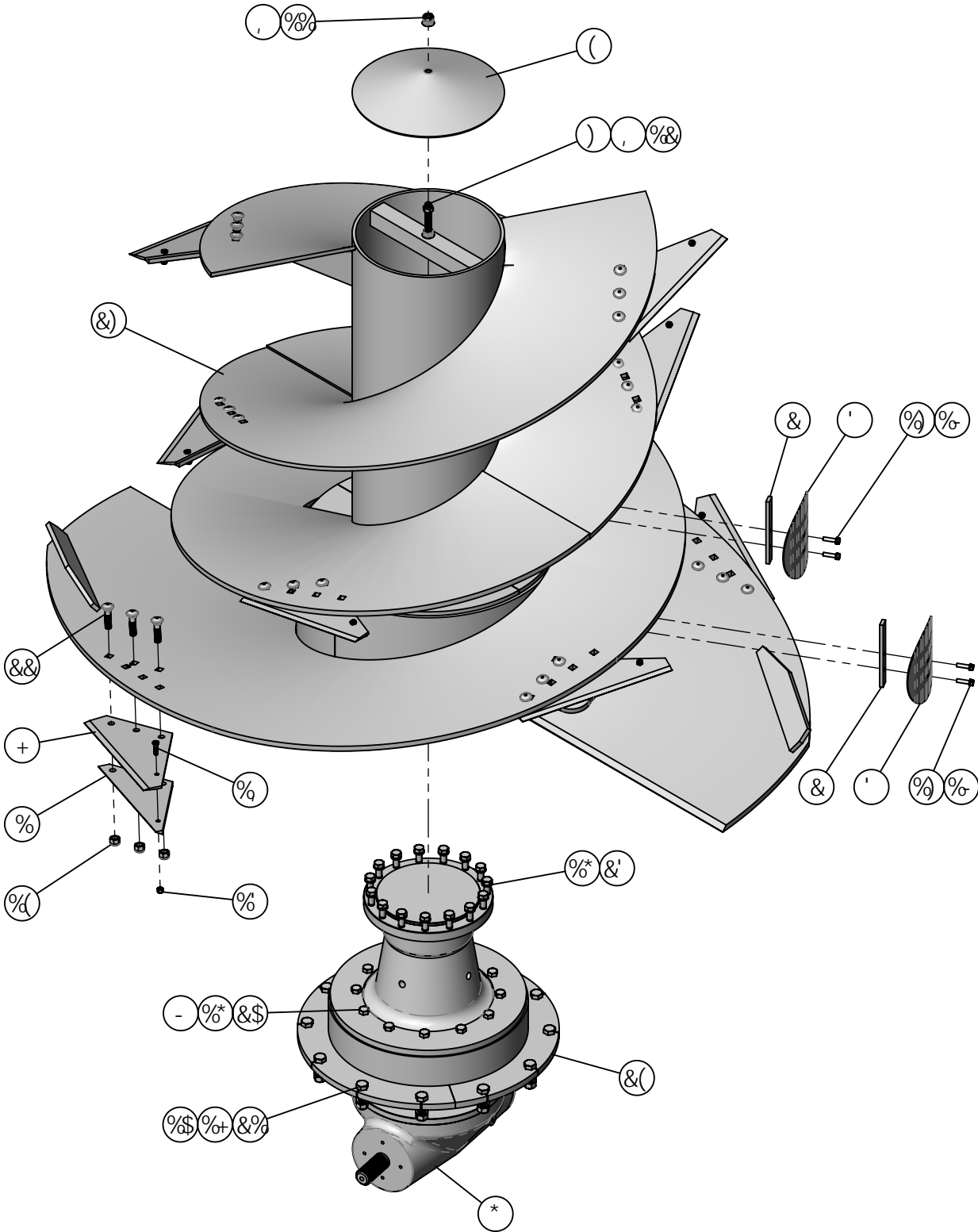
# 745 - 865 VERTICAL CYCLONE AUGER ASSEMBLY INCLUDING & BEFORE SERIAL #810829167



## 745 - 865 VERTICAL CYCLONE AUGER ASSEMBLY INCLUDING & BEFORE SERIAL #810829167

ITEM #	PART #	DESCRIPTION	QTY.
1	140099	ALL THREAD 3/8' x 5"	1
2	160076	KNIFE BACKUP PLATE	6
3	161290	AUGER COVER BOLT BAR 3/8 x 1 x 8	2
4	161291	AUGER ACCESS COVER - 7" OD	1
5	161298	AUGER SKIRT COVER - 9 1/4" OD	1
6	161363	AUGER TUBE CAP-17"	1
7	161847	PLASTIC LEADING EDGE 22-5/8" LONG	1
8	161848	LEADING EDGE SUPPORT PLATE 21-1/2" LONG	1
9	162123	PLASTIC LEADING EDGE 14" LONG	2
10	162124	LEADING EDGE PLATE 12-7/8" LONG	2
11	344146	COMER TEE - GEARBOX	1
12	385007	KNIFE BLADE 7 1/2" x 17 1/4"	6
13	400107	HEX NUT, SERRATED FLANGE 3/8"-16	2
14	400210	HEX NUT 5/8"-11 #5 PLTD	12
15	400212	HEX NUT 3/4"-10 #5 PLTD	12
16	400606	HEX JAM NUT 3/8-16"	1
17	400906	HEX NUT, 3/8"-16 CROWN LOC	6
18	401106	HEX NUT, 3/8"-16 NYLOC #5 PLTD	6
19	401110	HEX NYLOC NUT 5/8"-11 #5 Pltd	18
20	402006	WASHER SPRING LOCK 3/8" MED PLTD	4
21	402010	SPRING LOCK WASHER 5/8" PLTD	27
22	402012	SPLIT LOCK WASHER 3/4" PLTD	12
23	402406	FLAT WASHER 3/8" PLTD	6
24	405654	HHCS 3/8"-16 x 1-1/4" #5 PLTD	6
25	405655	HHCS 3/8"-16 x 1 1/2" #5 PLTD	4
26	405758	HHCS 5/8"-11 x 3" #5 PLTD	12
27	405781	HHCS 3/4"-10 x 2-1/2" #5 PLTD	12
28	407122	CHCS 5/8"-11 x 2-1/2" #5 Pltd	18
29	407549	FHCS 3/8"-16 x 1-3/4" SOCKET HEAD	6
30	407817	HHCS M16 x 70MM GRADE 10.9	15
31	860539	745/865 DBL FLIGHT AUGER WA	1
32	860591	GEAR BOX FLANGE W.A. - 745/865	1

# 745 - 865 VERTICAL CYCLONE AUGER ASSEMBLY INCLUDING & AFTER SERIAL #810929201



## 745 - 865 VERTICAL CYCLONE AUGER ASSEMBLY INCLDING & AFTER SERIAL #810929201

ITEM #	PART #	DESCRIPTION	QTY.
1	160076	KNIFE BACKUP PLATE RH, 5 13/16" x 16 3/8"	10
2	161290	AUGER COVER BOLT BAR 3/8 x 1 x 8	2
3	161298	AUGER ACCESS COVER - 7" OD	2
4	162323	AUGER TUBE CAP-17" - 5/8" HOLE	1
5	162399	ALL THREAD 5/8 x 5-1/4"	1
6	344146	COMER TEE - GEARBOX	1
7	385007	KNIFE BLADE 7 1/2" x 17 1/4"	10
8	400115	HEX NUT, 5/8"-11 SERRATED FLANGE #5 PLTD	2
9	400210	HEX NUT 5/8"-11 #5 PLTD	12
10	400212	HEX NUT 3/4"-10 #5 PLTD	12
11	400610	HEX JAM NUT, 5/8"-11 #5 PLTD	1
12	400910	HEX CROWN LOCNUT 5/8"-11 #9 PLTD	1
13	401106	HEX NUT, 3/8"-16 NYLOC #5 PLTD	10
14	401110	HEX NYLOC NUT 5/8"-11 #5 Pltd	30
15	402006	WASHER SPRING LOCK 3/8" MED PLTD	4
16	402010	SPRING LOCK WASHER 5/8" PLTD	27
17	402012	SPRING LOCK WASHER 3/4" PLTD	12
18	405654	HHCS 3/8"-16 x 1-1/4" #5 PLTD	10
19	405655	HHCS 3/8"-16 x 1 1/2" #5 PLTD	4
20	405758	HHCS 5/8"-11 x 3" #5 PLTD	12
21	405781	HHCS 3/4"-10 x 2-1/2" #5 PLTD	12
22	407122	CHCS 5/8"-11 x 2-1/2" #5 Pltd	30
23	407817	HHCS M16 x 70MM GRADE 10.9	15
24	860591	GEAR BOX FLANGE W.A. - 745/865	1
25	860664	865 CYLONE AUGER	1

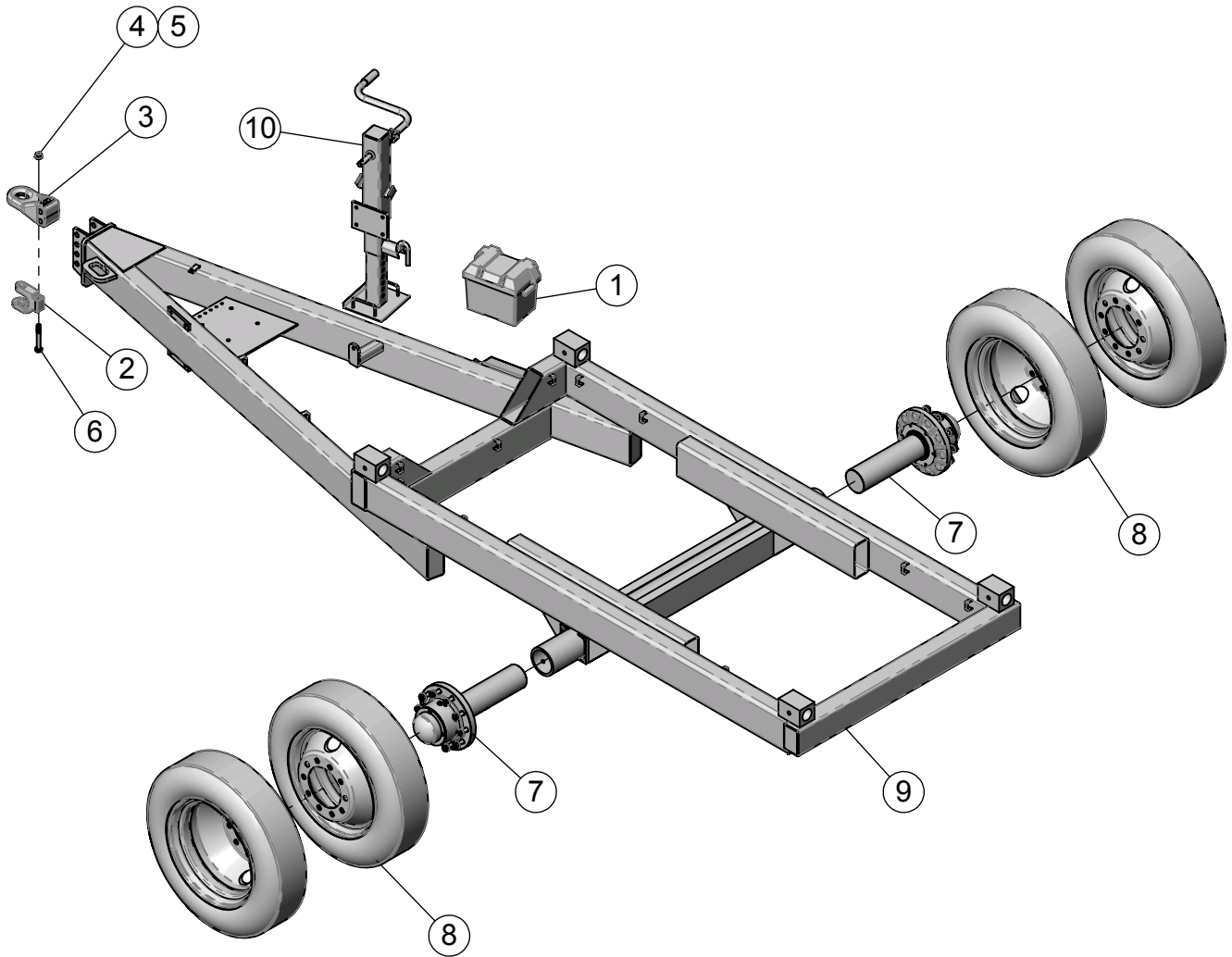
**KNIFE OPTIONS:**

385007 - STANDARD KNIFE

385008 - CARBIDE KNIFE

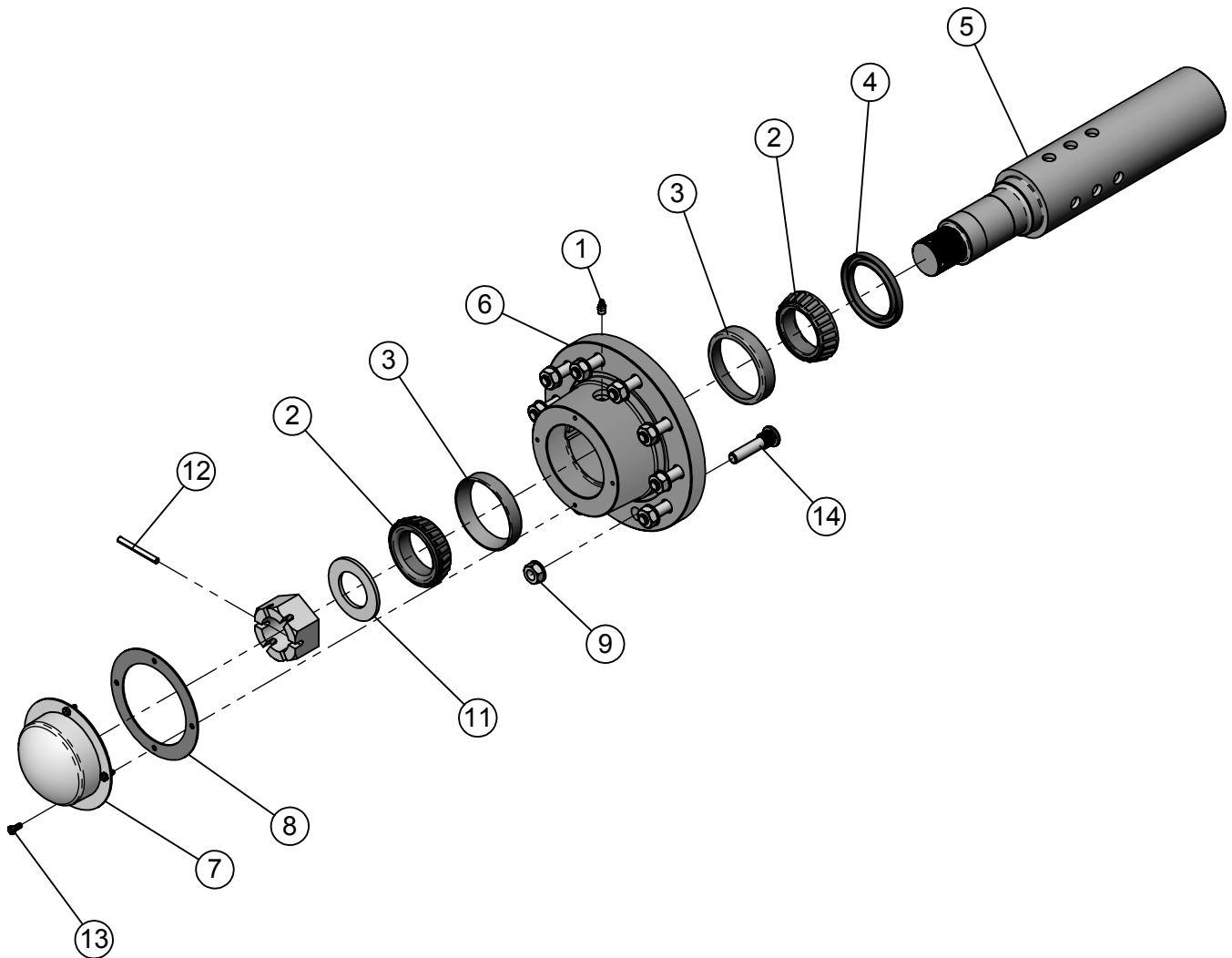
385018 - DOUBLE SPRAYED BUSATIS KNIFE

# 745 - 865 VERTICAL TRAILER ASSEMBLY



ITEM #	PART #	DESCRIPTION	QTY.
1	357400	BATTERY BOX W/STRAP	1
2	374101	CAT 3 CLEVIS INSERT (PPI-208VR)	1
3	374109	BASE HITCH ISO-21244 PPI-301VH	1
4	400918	HEX CROWN LOCKNUT 3/4"-10 #8 PLTD	1
5	402512	FLAT WASHER 3/4" SAE	2
6	406488	HHCS 3/4"-10 x 5-1/2" #8 Pltd	1
7	750113	TRAILER HUB ASSY 20K GROVE (Starting with Serial #810991539)	2
	750110-C	TRAILER HUB ASSY, 20K, (Prior to Serial #810991539)	
8	781235	RECAP TIRE & DUAL WHEEL 255R70 x 22.5	4
9	860419	745 & 865 TRAILER WA (30" WIDE CONVEYOR)	1
	860585	745 & 865 TRAILER WA (42" WIDE CONVEYOR)	1
10	872090	DROP LEG JACK 9T	1

# SINGLE AXLE TRAILER HUB & SPINDLE ASM 20,000 LB #750113 (Used on Serial #810991539 and Forward)

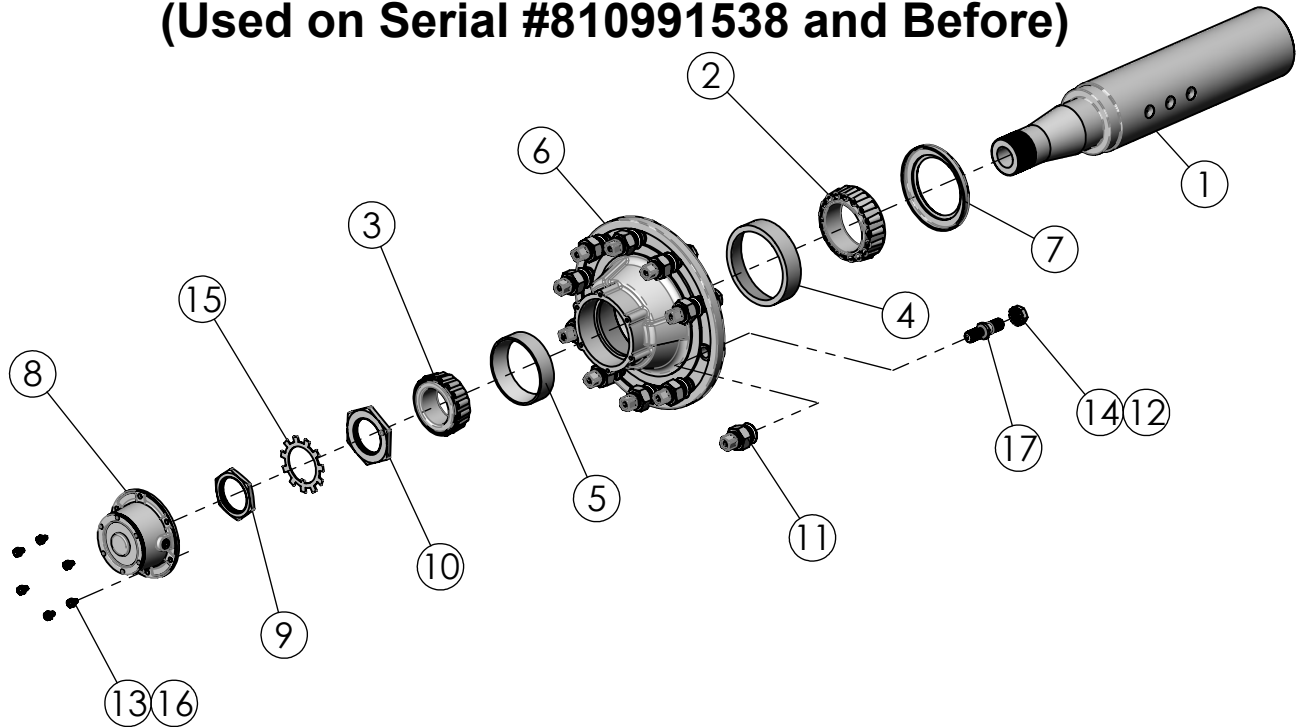


ITEM #	PART #	DESCRIPTION	QTY.
1	310750	FPT GREASE ZERK PLTD 1/8	1
2	342223	CONE, 3.25 BORE TIM #47687	2
3	342224	RACE 5.25 OD TIM #47620	2
4	355058	SEAL - 3 7/8" I.D. CR 38731	1
5	372013	SPINDLE, 20K 4.9375" x 25.5"	1
6	372214	HUB, 10 BOLT ON 11.25BC 20K	1
7	372325	DUST CAP, 20K GROVE HUB	1
8	372326	GASKET, 20K HUB CAP	1
9	400131	NUT, SWIVEL FLANGE LUG 3/4-16	10
10	401833	2-1/2"-12 HEX CSTL NUT SAE	1
11	402913	WASHER, 4.5"ODx 2.625ID x.25 THK	1
12	404134	ROLL DRIVE PIN 3/8"x3-1/2"	1
13	405627	HHCS #5 PLTD 5/16"X 3/4"	4
14	407732	STUD BOLT 3/4"-16 x 3-1/2"OAL	10

# SINGLE AXLE TRAILER SPINDLE & HUB ASSY

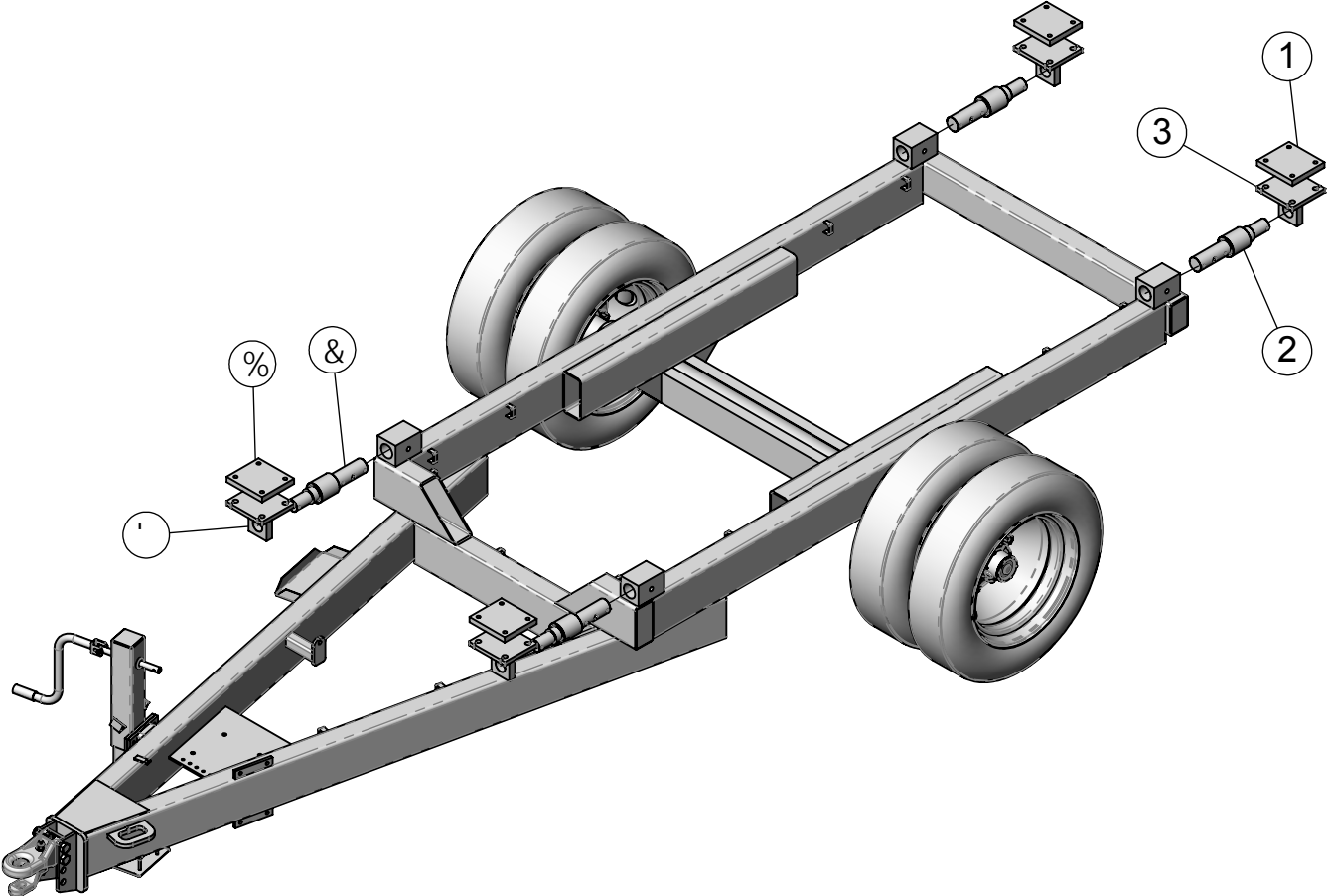
## 20,000 LB #750110

(Used on Serial #810991538 and Before)



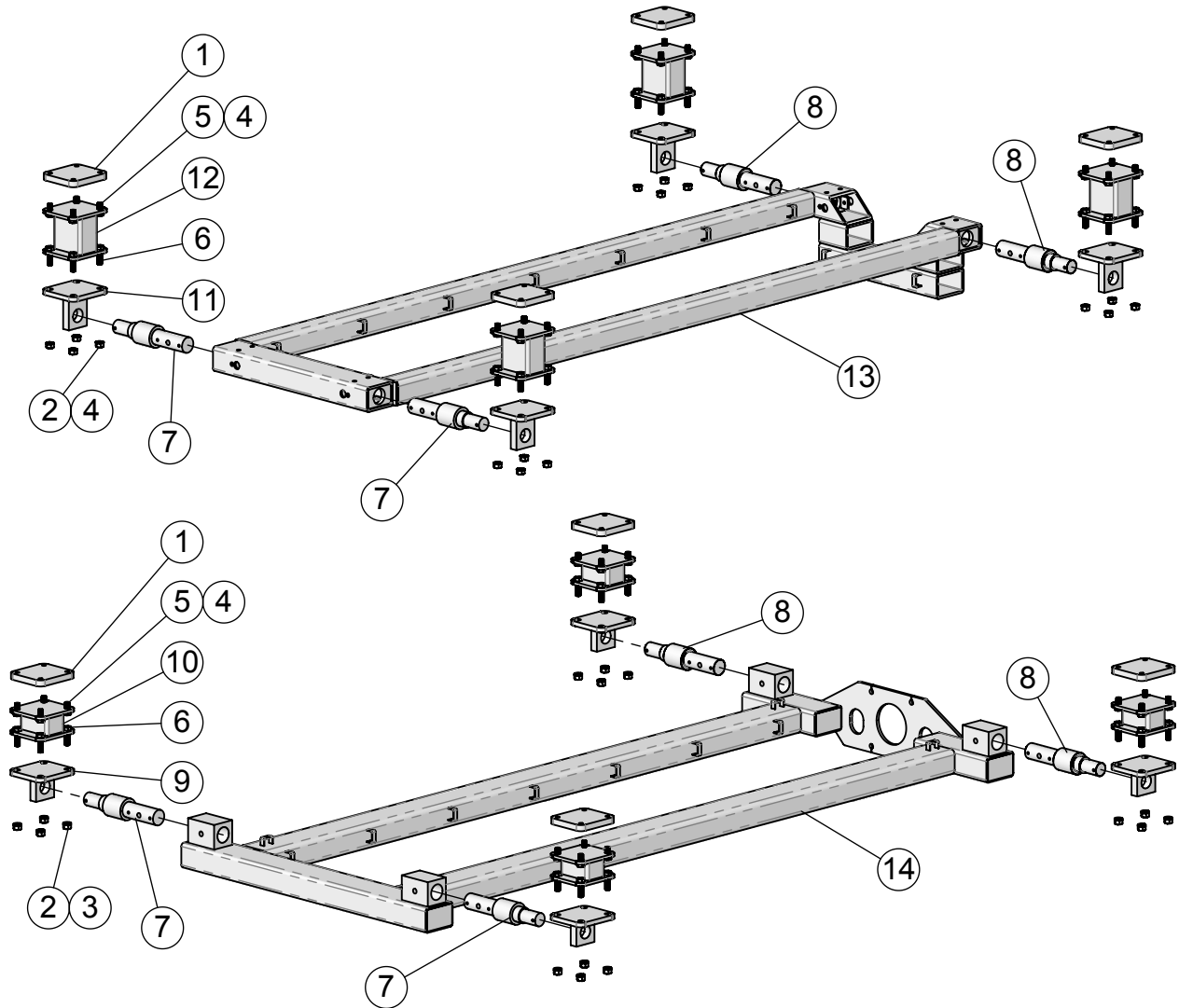
ITEM #	PART #	DESCRIPTION	QTY.
1	184614	SPINDLE, 20,000#	1
2	342213	INNER BEARING 3.543" BORE	1
3	342214	OUTSIDE BEARING 2-5/8" OD	1
4	342215	INNER BEARING RACE 5.787"OD	1
5	342216	OUTSIDE BEARING RACE 4-13/16" OD	1
6	372212	10-BOLT HUB ASSEMBLY, (RIGHT HAND) 20,000#	1
7	372304	SEAL 4-3/8" BORE	1
8	372309	DUST CAP, 20,000# HUB	1
9	400033	OUTER NUT, 3/8" THICK x 2-5/8" ID	1
10	400034	INNER NUT, 3/8" THICK x 2-5/8" ID	1
11	400112	RH INNER THIMBLE & OUTER LUG NUT	10
12	400712	HEX JAM NUT 3/4"-16	10
13	402005	WASHER 5/16", SPRING LOCK, MED PLTD	6
14	402112	LOCK WASHER, EXTERNAL STAR 3/4"	10
15	402904	LOCKING WASHER 1/4" THICK x 2-41/64" ID	1
16	405625	HHCS 5/16"-18 x 1/2" #5 PLTD	6
17	407724	STUD BOLT RH 3/4"-16	10

# 745 - 865 TRAILER SCALE FRAME ASSEMBLY



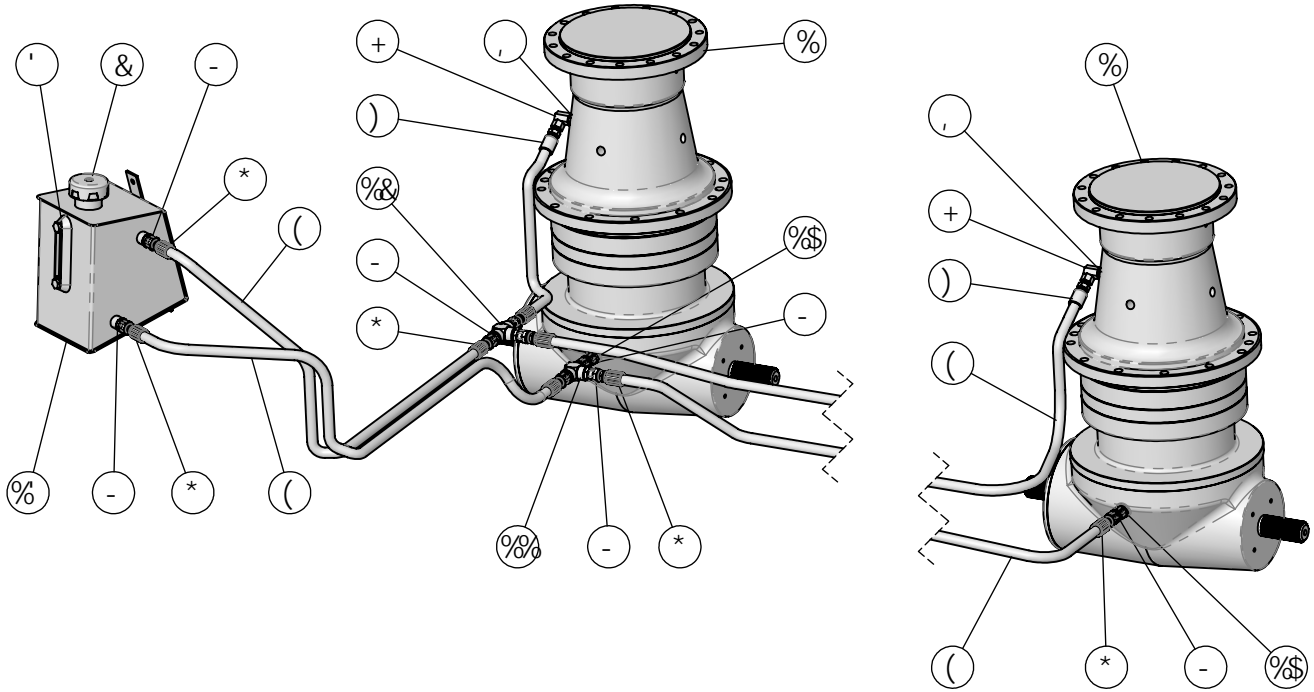
ITEM #	PART #	DESCRIPTION	QTY.
1	160016	SCALE PAD 7 1/8" x 7 7/8"	4
2	450824	WEIGH BAR 2-1/2", 21 FT CORD	4
3	860426	WEIGH BAR MOUNT W.A. 2 1/2"	4

# 745 - 865 TRUCK SCALE FRAME ASSEMBLY



ITEM #	PART #	DESCRIPTION	QTY.
1	160016	SCALE PAD 7-1/8" x 7-7/8"	4 PER
2	400212	HEX NUT 3/4"-10 #5 PLTD	AN
3	402012	SPRING LOCK WASHER 3/4" PLTD	AN
4	402112	LOCK WASHER, EXTERNAL STAR 3/4"	AN
5	405777	HHCS #5 PLTD 3/4" 10 x 1 1/2"	AN
6	405781	HHCS 3/4"-10 x 2-1/2" #5 PLTD	AN
7	450824	WEIGH BAR 2-1/2", 21 FT CORD	2 PER
8	450837	WEIGH BAR 2-1/2", 30FT CORD (BACK OF MIXER)	2 PER
9	860054	2 1/2" BAR END BLOCK WA	4
10	860107	4" RISER BLOCK WA	4
11	860426	WEIGH BAR MOUNT W.A. 2-1/2"	4
12	860471	RISER BLOCK WA	4
13	860483	745 TRUCK SCALE FRAME - WEIGHBARS	1
14	860803	2-1/2 SCALE BAR FRAME WA 745/865	1

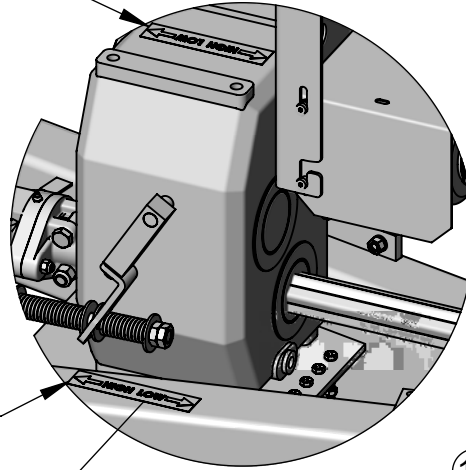
# 745 - 865 GEARBOX HYDRAULIC SYSTEM



ITEM #	PART #	DESCRIPTION	QTY.
1	344146	COMER TEE - GEARBOX (Trailer & Stat. Units Only)	2
	344158	GEARBOX, RRUSA (Truck Units Only)	2
2	362549	TANK BREATHER 8" DIP STICK	1
3	362555	SIGHT GAUGE 5"	1
4	366008	HYDRAULIC HOSE 1/2"-2 (3000 PSI)	5
5	367086	HOSE STEM 3/8"MP x 1/2" MEGACRIMP	2
6	367088	HOSE COUPLING 1/2"MP x 1/2" MEGACRIMP	8
7	368020	HYDRAULIC ADAPTER 3/8"MP x 3/8"FPX 90°	2
8	368108	HYD ADAPTER STRAIGHT 3/8"MBPP x 3/8"FP	2
9	368111	STRAIGHT ADAPTER 1/2" x 1/2"FP SWIVEL	9
10	368218	STRAIGHT ADAPTER 1/2"BSPP x 1/2"FP SWIVEL	2
11	368608	STREET TEE 1/2"FP x 1/2"FP x 1/2"FP	1
12	368609	TEE 1/2"FP x 1/2"FP x 1/2"FP	1
13	860064	GEARBOX RESERVOIR WA	1

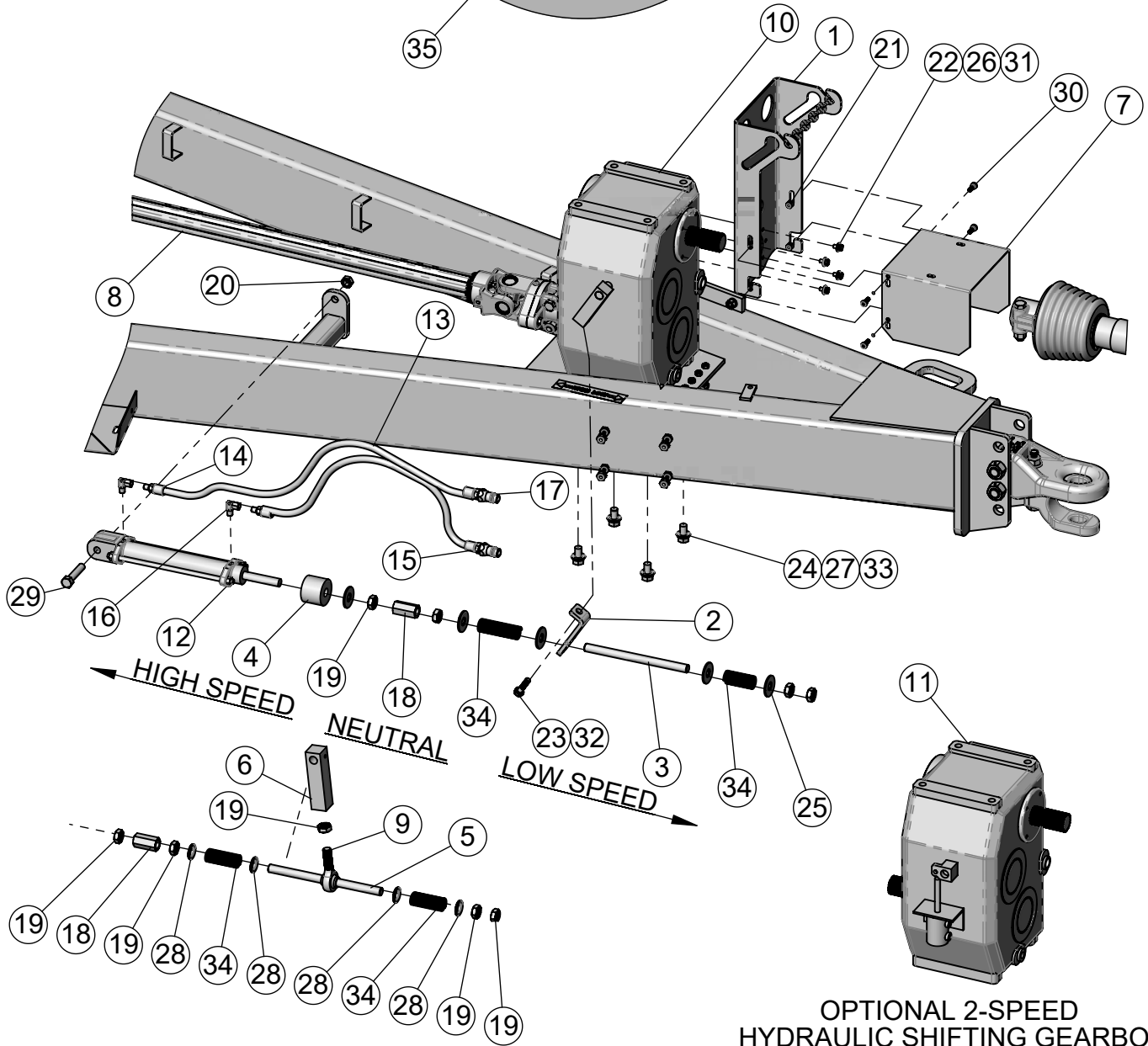
# 745 - 865 TRAILER 2-SPEED GEARBOX WITH HYDRAULIC SHIFTER & SHIELDS

DECAL LOCATION WITH MANUAL SHIFTER



DECAL LOCATION WITH HYDRAULIC SHIFTER

35



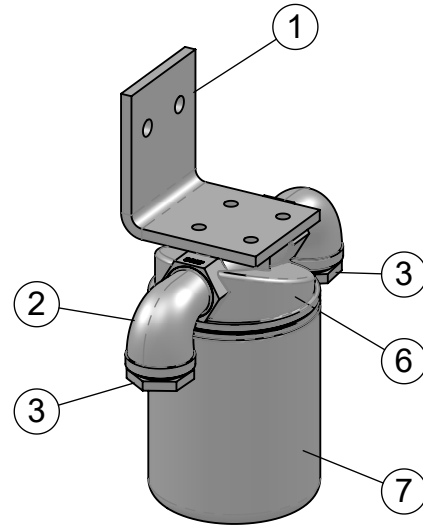
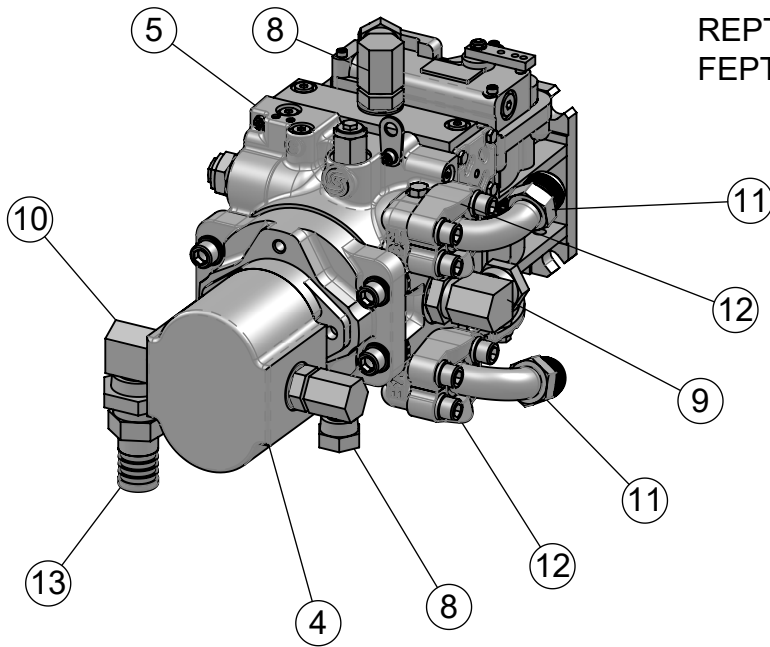
OPTIONAL 2-SPEED HYDRAULIC SHIFTING GEARBOX

## 745 - 865 TRAILER 2-SPEED GEARBOX WITH HYDRAULIC SHIFTER & SHIELDS

ITEM #	PART #	DESCRIPTION	QTY
1	161391	PTO SHIELD MOUNT BRACKET	1
2	161411	SHIFTER ARM	1
3	161412	ALL THREAD x 10-1/2"	1
4	161513	CYLINDER STOP x 2"	1
5	162771	ALL THREAD x 12-1/2"	1
6	162772	SHIFT LINKAGE BAR	1
7	185302	P.T.O. SHIELD	1
8	338038	DRIVE SHAFT, W2500 W/SHEAR 396993	1
9	343025	BALL JOINT ROD END	1
10	344147	COMER GEARBOX 1.5 : 1	1
11	344174	COMER GEARBOX 1.5 : 1 HYD SHIFT	1
12	364035	HYDRAULIC CYLINDER 1-1/2" x 8"	1
13	366006	HYDRAULIC HOSE 3/8"-2	1
14	367064	HOSE STEM 3/8" x 1/4" MP	2
15	367068	HOSE COUPLING, 3/8" x 1/2" MP MEGA	2
16	368011	HYD ADPT, 1/4MP x 1/4FPX 90° 1/16"ORIFICE	2
17	368238	QD, MALE PIONEER, 1/2" FEMALE PIPE	2
18	400140	HEX COUPLING NUT 3/4"-16 #5 PLTD	2
19	400712	HEX JAM NUT 3/4"-16	9
20	400910	HEX CROWN LOCNUT 5/8"-11 #9 PLTD	1
21	401106	HEX NUT, 3/8"-16 NYLOC #5 PLTD	4
22	402005	WASHER 5/16", SPRING LOCK, MED PLTD	4
23	402008	SPRING LOCK WASHER 1/2" PLTD	1
24	402010	SPRING LOCK WASHER 5/8" PLTD	4
25	402412	FLAT WASHER 3/4" PLTD	5
26	402505	FLAT WASHER 5/16" SAE	4
27	402510	FLAT WASHER 5/8" SAE PLTD	4
28	402512	FLAT WASHER 3/4" SAE	4
29	405758	HHCS 5/8"-11 x 3" #5 PLTD	1
30	407410	SHOULDER BOLT, 3/8 x 3/8 LG x 5/16 THD	4
31	407804	HHCS 8mm x 16mm - 8.8 C.T.P.	4
32	407819	HHCS M12-1.75 x 45mm 10.9	1
33	407821	HHCS M16 x 300MM GRADE 8.8	4
34	410015	COMPRESSION SPRING 1-1/4" OD x 4" x 0.148"	4
35	440986	GEARBOX SPEED DECAL	1

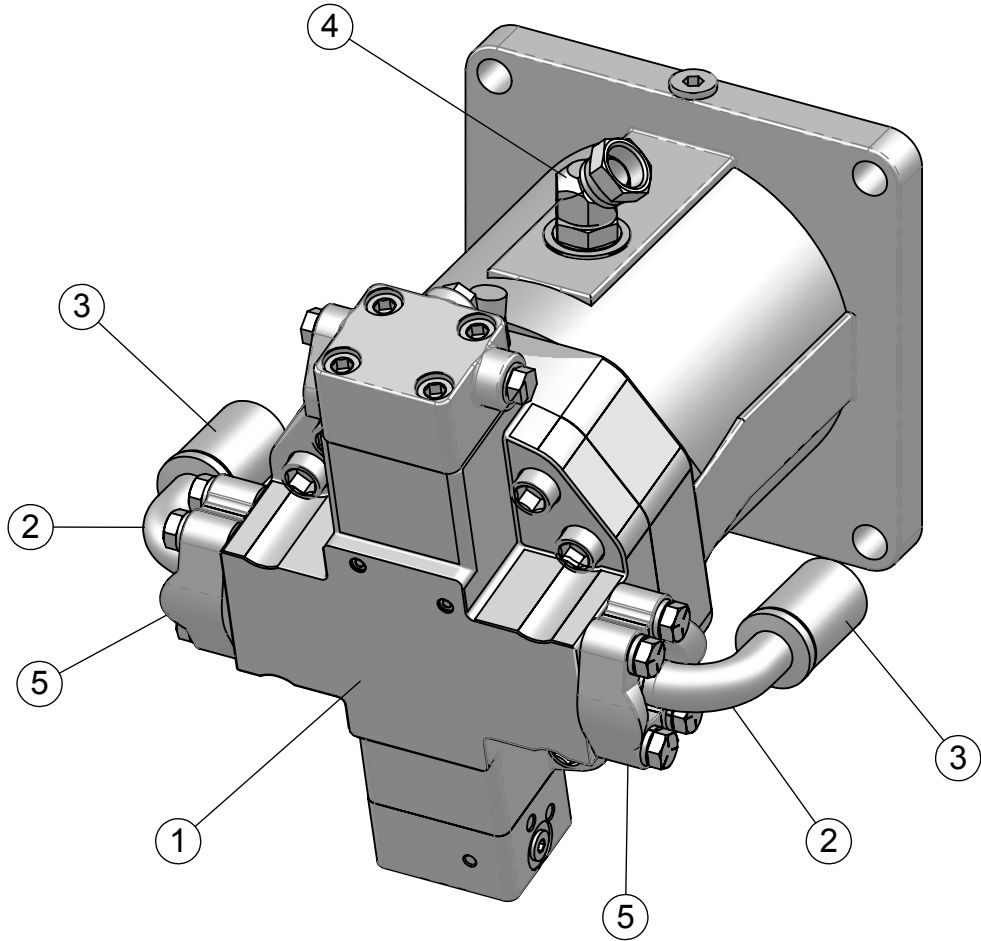
# 745 - 865 TRUCK HYDRAULIC PUMP ASSEMBLY

REPTO & PTO PUMPS ARE RH ROTATION  
FEPTO PUMPS ARE LH ROTATION



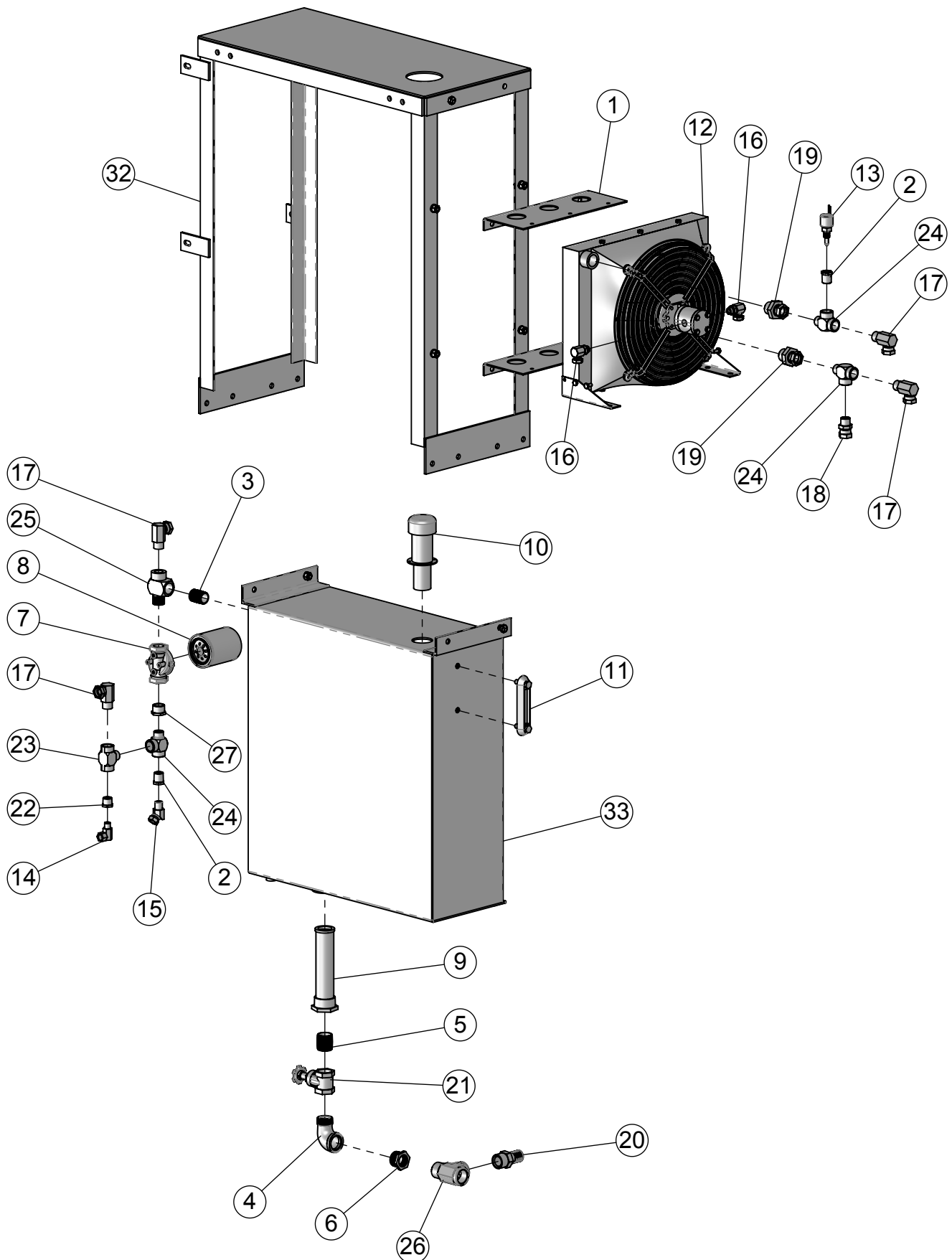
ITEM #	PART #	DESCRIPTION	QTY.
1	189210	BRACKET, HYDRO-STAT FILTER	1
2	310841	ELBOW 1-1/4" MP x 1-1/4" FP	2
3	310844	BUSHING 1-1/4" MP x 1" FP	2
4	362031	GEAR PUMP 1.92 IN <sup>3</sup> 11T SPLINE (FEPTO)	1
	362031RH	GEAR PUMP 1.92 IN <sup>3</sup> 11T SPLINE (REPTO OR PTO)	1
	362009LH	GEAR PUMP 1.08 IN <sup>3</sup> 9T SPLINE (FEPTO SIDE DOOR)	1
5	362104	HYDROSTAT PUMP #100 LH EDC (SAE A 11T)	1
	362101	HYDROSTAT PUMP #100 LH MAN (SAE A 11T)	1
	362104RH	HYDROSTAT PUMP #100 RH EDC (SAE A 11T)	1
	362101RH	HYDROSTAT PUMP #100 RH MAN (SAE A 11T)	1
	362097	HYDROSTAT PUMP #100 LH EDC (SAE A 9T) SIDE DOOR	1
	362096	HYDROSTAT PUMP #100 LH MAN (SAE A 9T) SIDE DOOR	1
6	362404	FILTER HEAD, 1-1/4" FP	1
7	362442	FILTER ELEMENT 1-1/4"	1
8	368057	SWIVEL, 90° 1-1/16" MOR x 3/4" FPS	2
9	368063	HYD FITTING 1-5/16" MOR x 1" FPS - 90deg.	1
10	368066	HYD FITTING 1-5/16" MOR x 1-1/4" FPS - 90deg.	1
11	368450	FLANGE ADAPTER 16FLH-16MJ90 CODE 62	2
12	368451	FLANGE SET 16 FHH SPLIT C62 (1")	2
13	368514	HOSE BARB 1-1/4" MP x 1-1/4"	1

# 745 - 865 TRUCK HYDRAULIC MOTOR ASSEMBLY



ITEM #	PART #	DESCRIPTION	QTY.
1	360120	BENT AXIS MOTOR 250 VARI DISP	1
2	367140	HOSE STEM 1", 16GS-20FL90	2
3	367415	FERRULE, 16GS1F-4	2
4	368058	HYD ADAPTER 1-1/16" MOR x 3/4" FPS 45°	1
5	368453	FLANGE SET 20 FHH C62 (1-1/4")	2

# 745 - 865 TRUCK HYDRAULIC RESERVOIR & COOLING FAN ASSEMBLY (Prior to 2013)

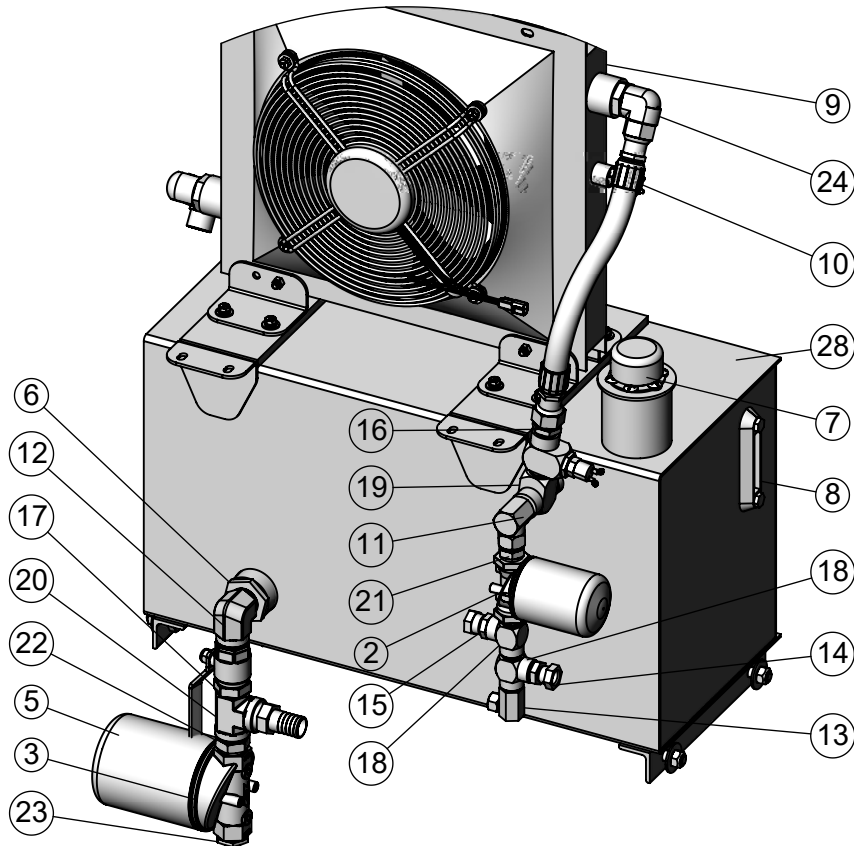


## 745 - 865 TRUCK HYDRAULIC RESERVOIR & COOLING FAN ASSEMBLY

ITEM #	PART #	DESCRIPTION	QTY
1	161584	COOLER MOUNT BRACKET	2
2	310818	BUSHING 3/4" MP x 1/2" FP	2
3	310831	CLOSE NIPPLE 1"	1
4	310841	ELBOW 1-1/4" MP x 1-1/4" FP	1
5	310842	CLOSE NIPPLE 1-1/4"	1
6	310844	BUSHING 1-1/4" MP x 1" FP	1
7	362402	FILTER HEAD 1"	1
8	362441	FILTER ELEMENT VE-10 - 1"	1
9	362507	SUCTION SCREEN 2" x 1 1/4"	1
10	362551	HI-NECK FILLER CAP ASSY.	1
11	362555	SIGHT GAUGE 5"	1
12	362582	HEAT EXCHANGER ASSY WITH HYD FAN	1
13	362812	SWITCH, 190 DEG. FAN THERMOSTAT	1
14	368020	HYD SWIVEL 3/8"MP x 3/8"FP 90° L	1
15	368029	HYD SWIVEL 1/2"MP x 1/2"FP 45°	1
16	368040	HYD SWIVEL 3/4" MOR x 3/8"FP 90°	2
17	368042	HYD SWIVEL 3/4" MP x 3/4" FP 90°	4
18	368117	STRAIGHT ADAPTOR 3/4" MP x 3/4" FPS	1
19	368145	STRAIGHT ADAPTOR 1-5/16" MOR x 3/4" FPSW	2
20	368514	HOSE BARB 1-1/4" MP x 1-1/4"	1
21	368525	GATE VALVE 1-1/4"	1
22	368612	STEEL BUSHING 3/4"MP x 3/8"FP	1
23	368614	BRANCH TEE 3/4" MP x 3/4" FP x 3/4" FP	1
24	368616	STREET TEE 3/4" MP x 3/4" FP x 3/4" FP	3
25	368620	STREET TEE 1" MP x 1" FP x 1" FP	1
26	368631	STREET TEE, 1-1/4"	1
27	368670	BRASS REDUCER 1" MP x 3/4" FP	1
28	400208	HEX NUT 1/2"-13 #5 PLTD	8
29	402008	SPRING LOCK WASHER 1/2" PLTD	8
30	405701	HHCS 1/2"-20 x 1" #5 PLTD	4
31	405702	HHCS 1/2"-13 x 1-1/4" #5 PLTD	4
32	872607	TRUCK PLATFORM W.A.	1
33	874138	HYDROSTAT RESERVOIR WA	1

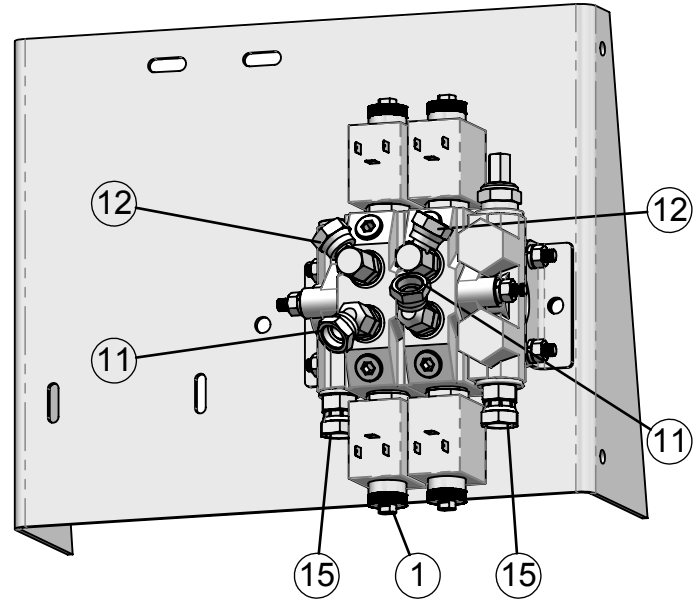
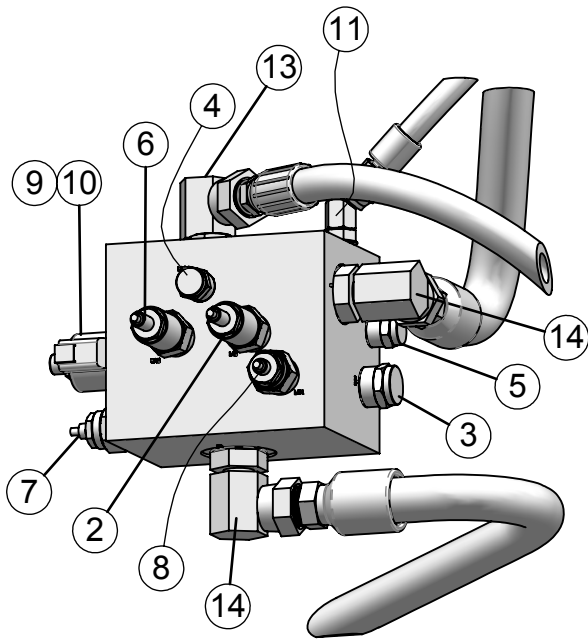
# 745 - 865 TRUCK HYDRAULIC RESERVOIR ASSEMBLY

## Starting in 2013



ITEM#	PART#	DESCRIPTION	QTY.
1	162835	BRACKET, COOLER MOUNT, D36	4
2	362402	1" FILTER ASSY	1
3	362404	FILTER HEAD, 1-1/4" FP	1
4	362441	FILTER ELEMENT VE-10 - 1"	1
5	362442	FILTER ELEMENT 1-1/4"	1
6	362507	SUCTION SCREEN 2" x 1 1/4" (100 MESH)	1
7	362550	FILLER CAP ASSY. FLOE EZY - AB1000-3	1
8	362555	SIGHT GAUGE 5"	1
9	362586	HEAT EXCHANGER W/ELECTRIC FAN	1
10	362819	SWITCH, 115° TEMP W/SPADES	1
11	368034	ELBOW, STREET 90° 1" MP x 1" FP	1
12	368036	ELBOW, STREET 90° 1-1/4"MP x 1-1/4"FP	1
13	368041	SWIVEL, 90° 3/4" MP x 1/2" FP	1
14	368113	STRAIGHT SWIVEL, 3/4" MP x 1/2" FPS	1
15	368117	STRAIGHT SWIVEL, 3/4" MP x 3/4" FPS	1
16	368134	STRT ADPT, 1"MP x 1-7/16" ORFS	1
17	368527	BALL VALVE, 1-1/4" FP	1
18	368616	STREET TEE 3/4"MP x 3/4"FP x 3/4"FP	2
19	368620	STREET TEE 1" MP x 1" FP x 1" FP 5602-16	1
20	368631	STREET TEE, 1-1/4"	1
21	368647	HEX NIPPLE, 1" MP x 1" MP	1
22	368648	HEX NIPPLE, 1-1/4" MP x 1-1/4" MP	2
23	368666	HEX REDUCER, 1-1/4" MP x 1" FP	1
24	368675	ELBOW, 90° 1-5/8"MOR x 1-7/16"FFOR	2
25	368676	TEE, RUN 1-7/16" FFORX	1
26	368697	BUSHING, 1" MP x 3/4" FP PLTD (STEEL)	1
27	781892	HOSE ASM, 1 x 15, 1-7/16 FFOR x 1-7/16 FFOR	1
28	860725	VERTICAL HYDRAULIC RESERVOIR WA - 30 GAL	1

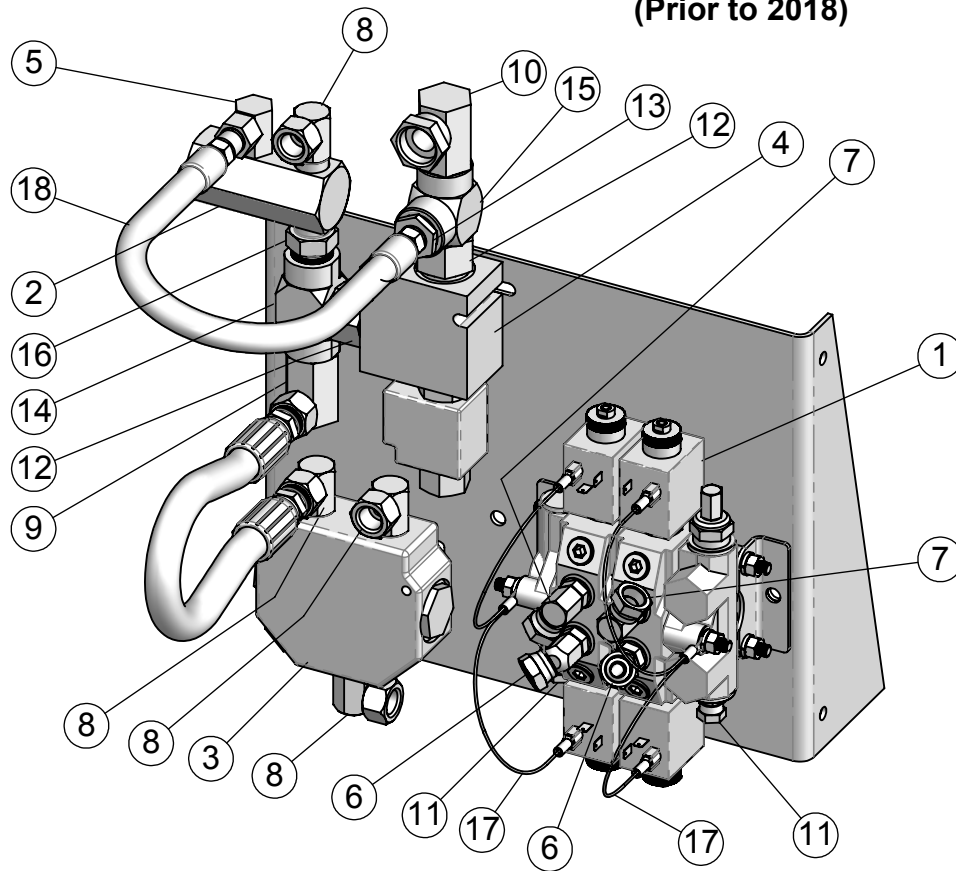
# 745 - 865 TRUCK HYDRAULIC VALVE ASSEMBLY WITH MANIFOLD VALVE #362414



ITEM #	PART #	DESCRIPTION	QTY.
1	362209	HYD VALVE 12V DOUBLE, BUCHER	1
2	362415	RELIEF VALVE, ADJUSTABLE 400-3000 PSI RV1 - CYLINDER	1
3	362416	PRESSURE COMPENSATOR, 80PSI	1
4	362417	PILOT LOGIC ELEMENT	1
5	362418	FLOW DIVIDER, 7.5 GPM	1
6	362419	RELIEF VALVE, DIRECT ACTING 1400-2400 PSI RV2 - MOTOR	1
7	362420	NEEDLE VALVE, ADJ 11 GPM NV2 - CONVEYOR SPEED	1
8	362421	NEEDLE VALVE, ADJ 20 GPM NV1 - CYLINDER SPEED	1
9	362422	VALVE, SOLENOID - 2 WAY	1
10	362423	12VDC COIL, DEUTSCH CONNECTOR	1
11	368024	HYD SWIVEL 9/16"MOR x 3/8"FPS 45°	3
12	368030	SWIVEL 90° 9/16MORx3/8FP	2
13	368039	3/4" MOR x 1/2" FPS - 90°.	1
14	368057	SWIVEL, 90° 1-1/16"MOR x 3/4"FPS	2
15	368115	STRAIGHT ADAPTER 9/16 MOR x 3/8 FPS	2

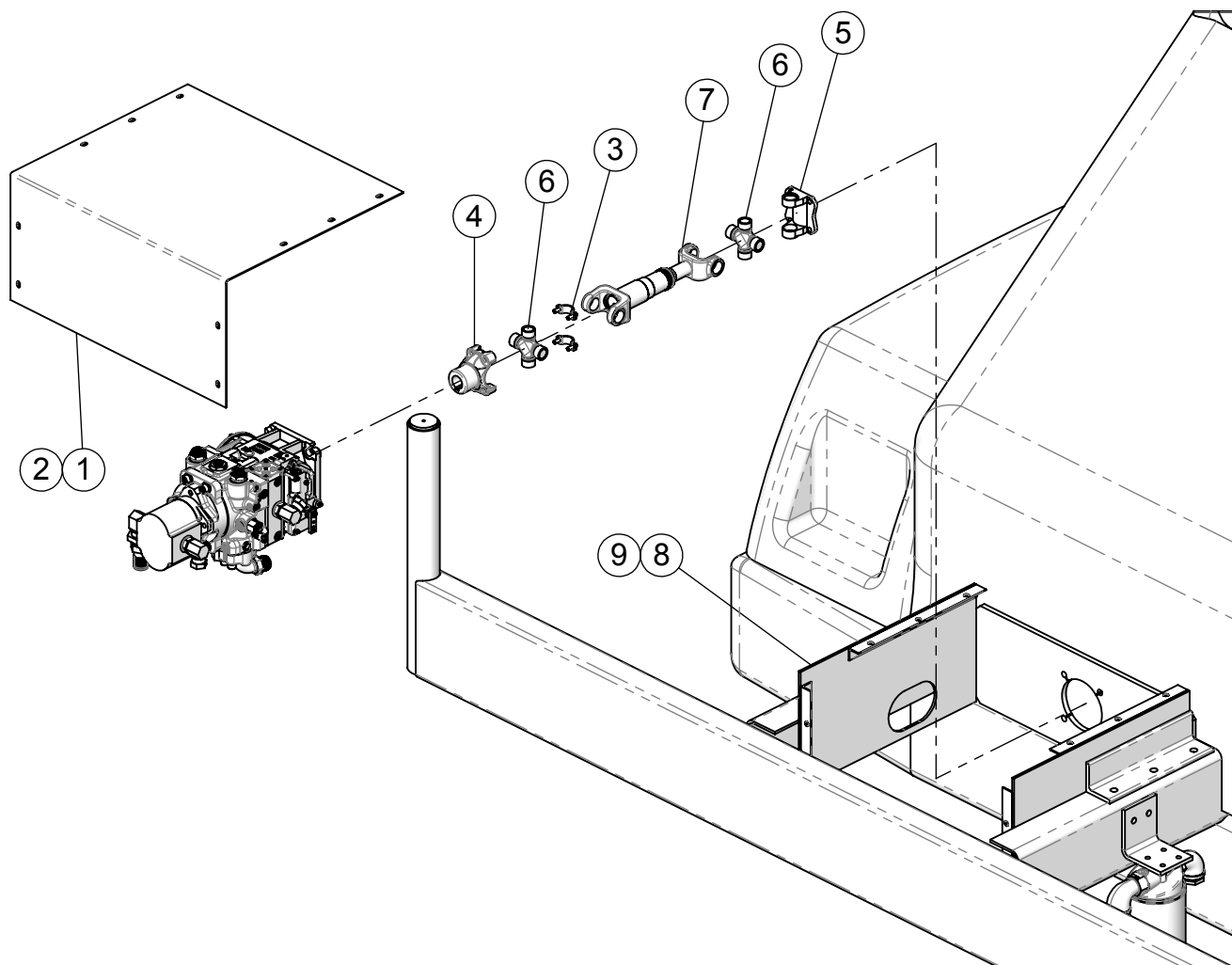
# 745 - 865 TRUCK HYDRAULIC VALVE ASSEMBLY

(Prior to 2018)



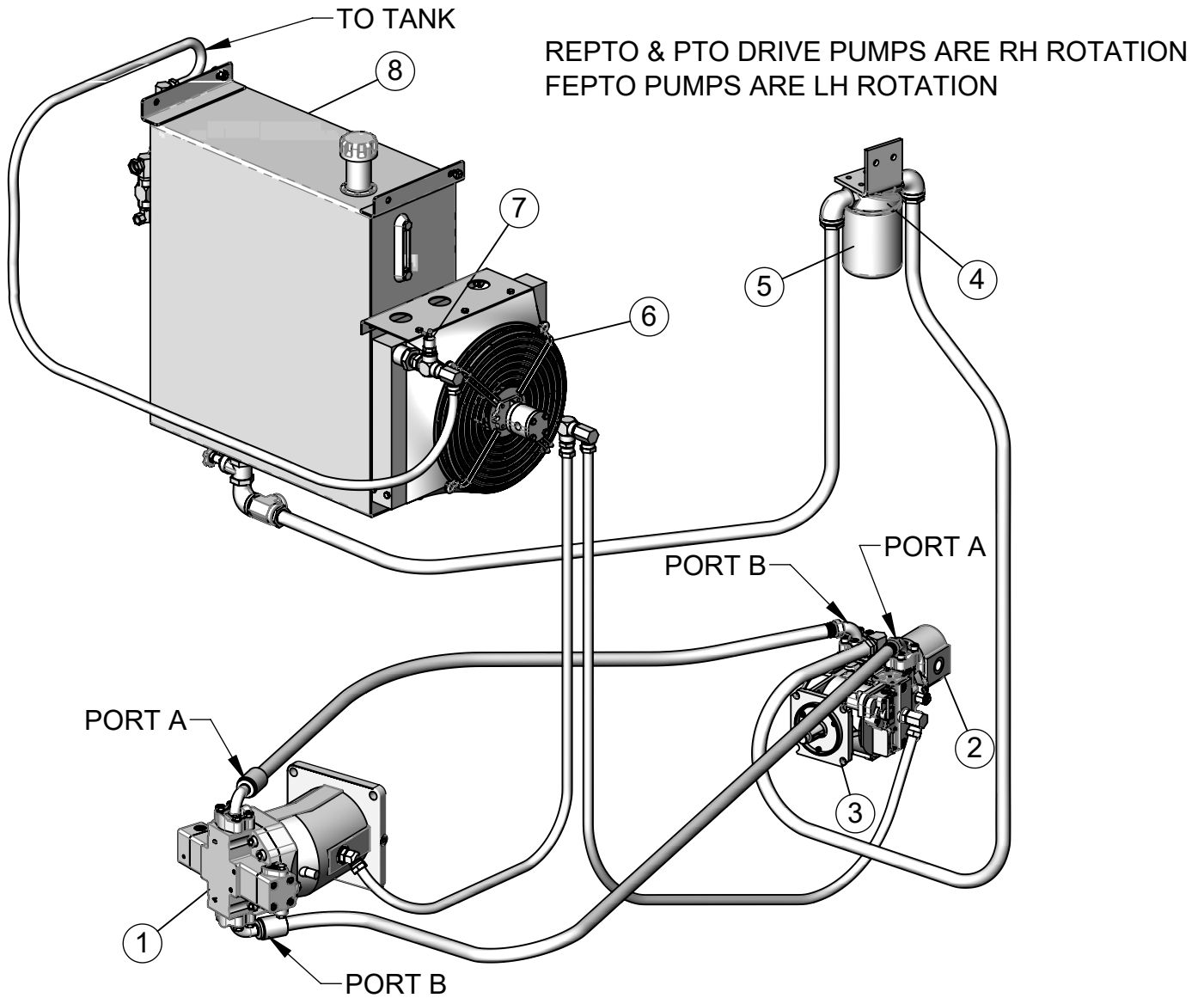
ITEM #	PART #	DESCRIPTION	QTY
1	362209	HYD VALVE 12V DOUBLE, BUCHER	1
2	362230	HYD PRESSURE RELIEF VALVE	1
3	362286	VALVE PRINCE HYD. FLOW DIVIDER 70/30	1
4	362302	HYDRAFORCE DUMP VALVE	1
5	368020	HYD SWIVEL 3/8"MP x 3/8"FP 90° L	1
6	368024	HYD SWIVEL 9/16"MOR x 3/8"FPS 45°	2
7	368030	HYD SWIVEL 9/16"MOR x 3/8"FPS 90°	2
8	368031	HYD SWIVEL 1/2" MP x 1/2" FP 90°	4
9	368041	HYD SWIVEL 3/4" MP x 1/2" FP - 90°	1
10	368042	HYD SWIVEL 3/4" MP x 3/4" FP 90°	1
11	368115	STRAIGHT ADAPTOR 9/16" MOR x 3/8" FP SWIVEL	2
12	368127	STRAIGHT ADAPTOR 1-1/16" MOR x 3/4" FP	2
13	368612	STEEL BUSHING 3/4" MP to 3/8" FP	1
14	368614	BRANCH TEE 3/4" MP x 3/4" FP x 3/4" FP	1
15	368616	STREET TEE 3/4" MP x 3/4" FP x 3/4" FP	1
16	368643	STRAIGHT ADAPTOR 3/4" MP x 1/2" MP ( 5404-12-8)	1
17	781057	12 VOLT SOLENOID VALVE GROUND WIRE	2
18	781059	HYD HOSE ASSY 3/8" x 20", 3/8"MP x3/8"MP	1

## 745 - 865 TRUCK HYDROSTAT DRIVE LINE



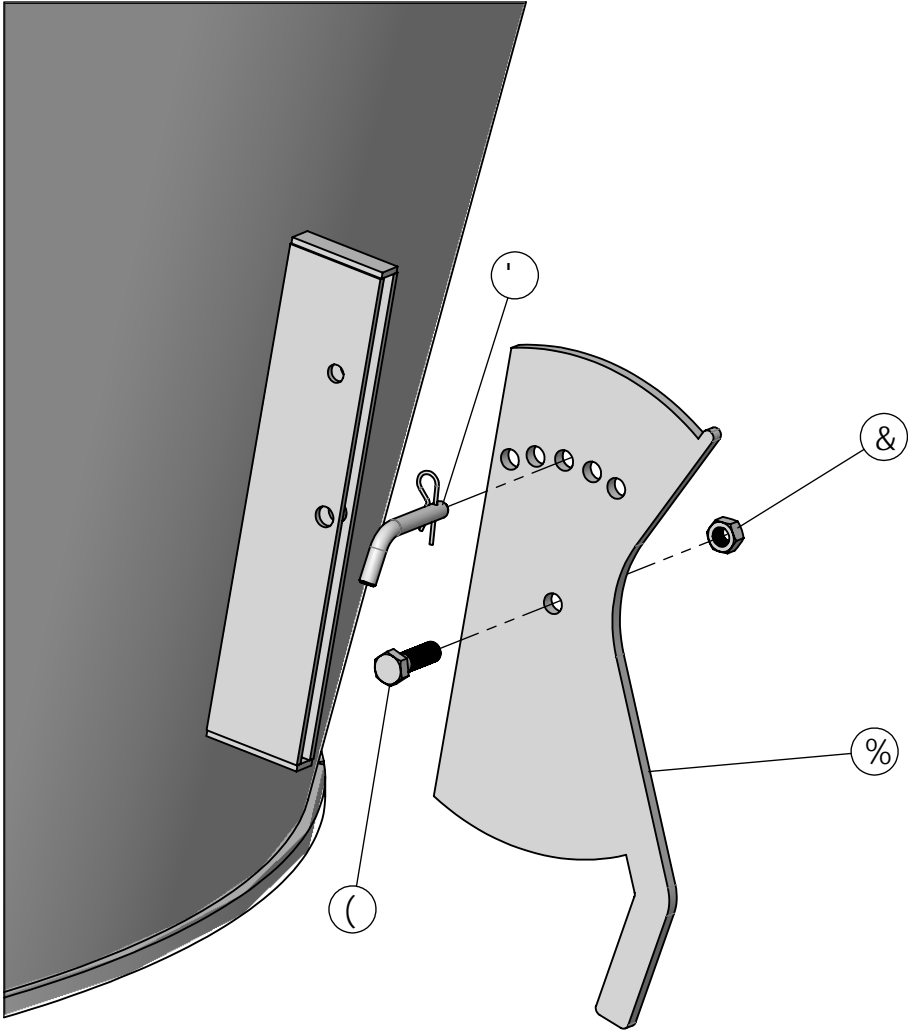
ITEM #	PART #	DESCRIPTION	QTY
1	189216	LONG PUMP BOX COVER 22-1/4"	1
2	189576	SHORT PUMP BOX COVER 16-1/4"	1
3	338413	U-STRAP & BOLT KIT 1350	2
4	338415	SPICER YOKE 1350 1-1/2" TAPER	1
5	338429	SPICER FLANGE YOKE 3-2-119 1350	1
6	338436	SPICER 1350 CROSS KIT, 5-17X	2
7	781401	1350 SHAFT AND YOKE ASSY	1
8	872388	LONG PUMP BOX 22-1/4"	1
9	872609	SHORT PUMP BOX 16-1/2"	1

# 745 - 865 TRUCK HYDROSTAT HYDRAULIC SCHEMATIC



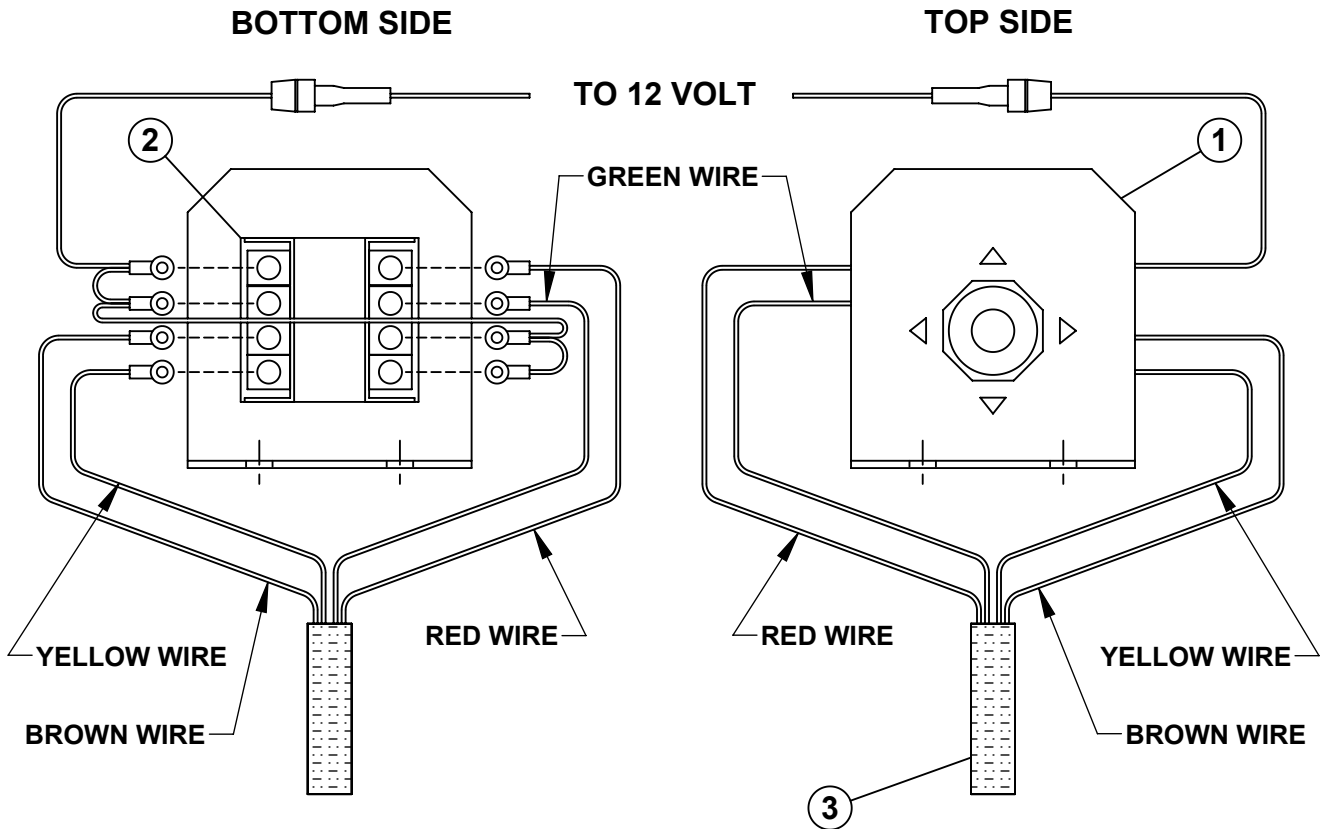
ITEM #	PART #	DESCRIPTION	QTY
1	360125	BENT AXIS MOTOR 250 VARI DISP	1
2	362031	GEAR PUMP 1.92 IN <sup>3</sup> 11T SPLINE	1
	362031RH	GEAR PUMP 1.92 IN <sup>3</sup> 11T SPLINE	1
3	362104	HYDROSTAT PUMP #100 LH EDC (SAE A 11T)	1
	362104RH	HYDROSTAT PUMP #100 RH EDC (SAE A 11T)	1
4	362404	FILTER HEAD, 1-1/4" FP	1
5	362442	FILTER ELEMENT 1-1/4"	1
6	362582	HEAT EXCHANGER ASSY WITH HYD FAN	1
	362586	HEAT EXCHANGER ASSY WITH ELECTRIC FAN	1
7	362812	SWITCH, 190° TEMP w/SPADES	1
8	874138	HYDROSTAT RESERVOIR WA	1
	860725	HYDROSTAT RESERVOIR WA (AFTER 2013)	1

# 745 - 865 VERTICAL KNIFE GATE ASSEMBLY



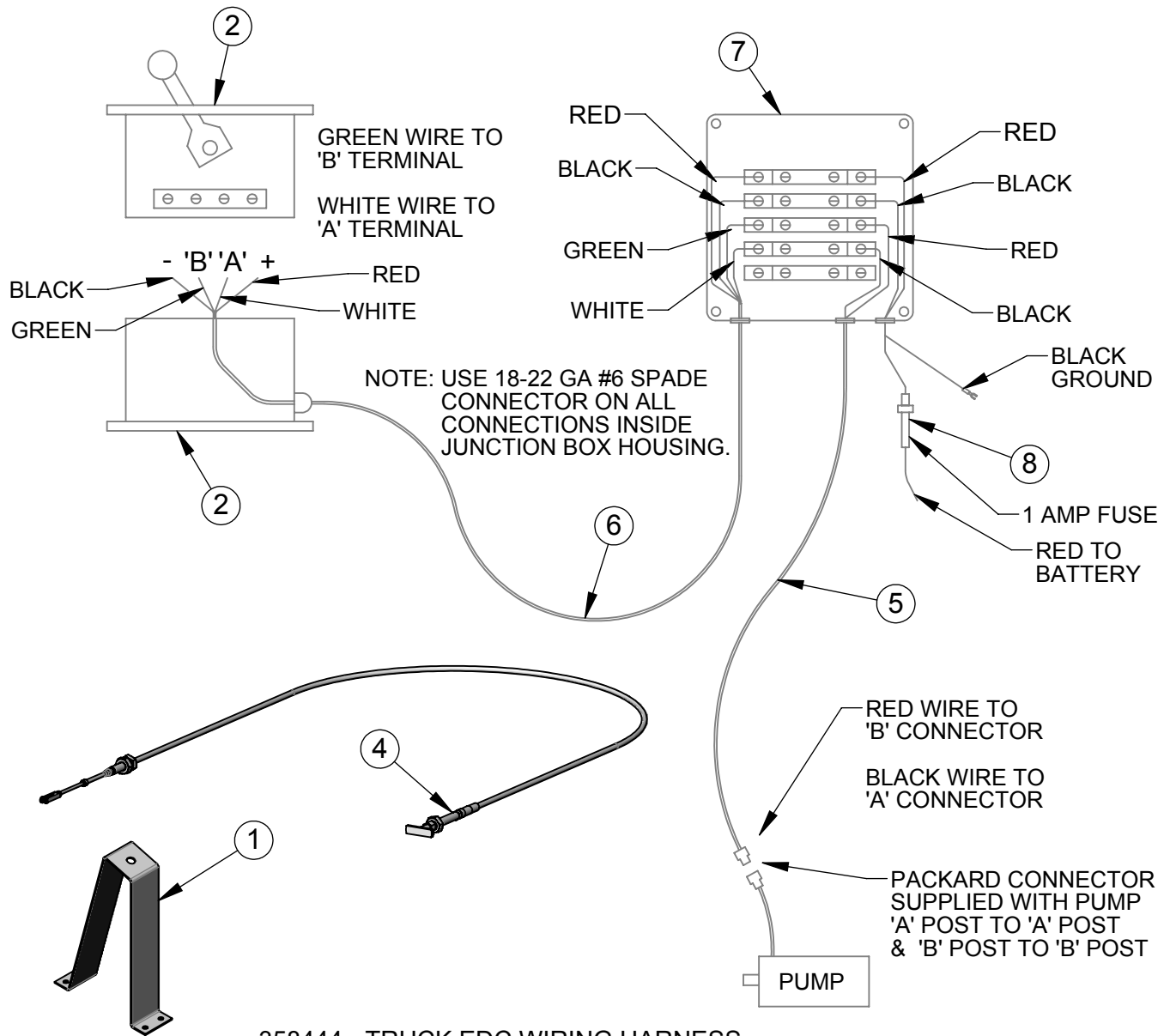
ITEM #	PART #	DESCRIPTION	QTY.
1	161086	325/425 TUB KNIFE	1
2	400912	HEX CROWN LOCK NUT 3/4"-10 #5 PLTD	1
3	404209	PIN, 5/8" x 4", RECEIVER HITCH	1
4	405781	HHCS 3/4"-10 x 2-1/2" #5 PLTD	7

# JOYSTICK ASSEMBLY



REF #	PART #	DESCRIPTION	QTY.
1	185575	JOYSTICK BRACKET	1
2	357705	JOYSTICK SWITCH	1
3	781055	SWITCH WIRE ASSEMBLY	1

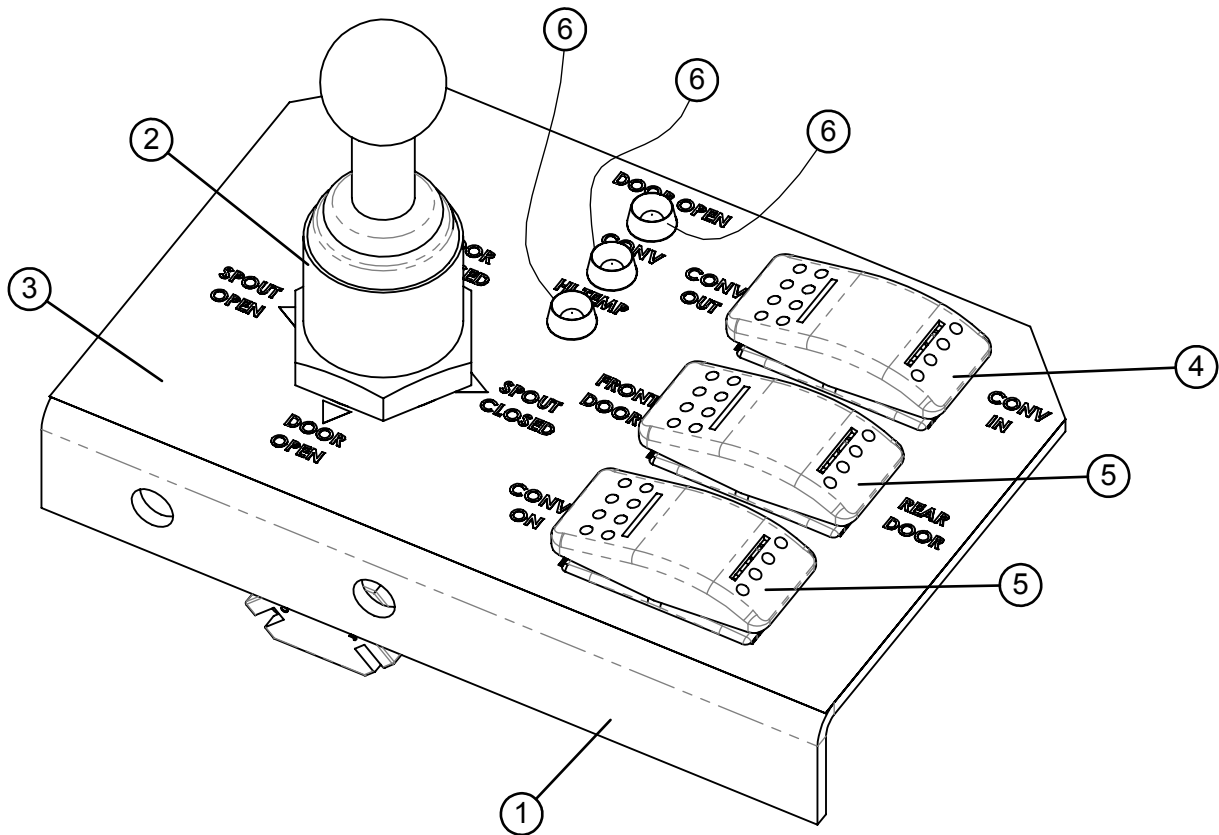
# 745 - 865 TRUCK HYDROSTAT ELECTRIC DISPLACEMENT CONTROL & MANUAL CONTROL ENGINE DRIVEN PUMP



358444 - TRUCK EDC WIRING HARNESS

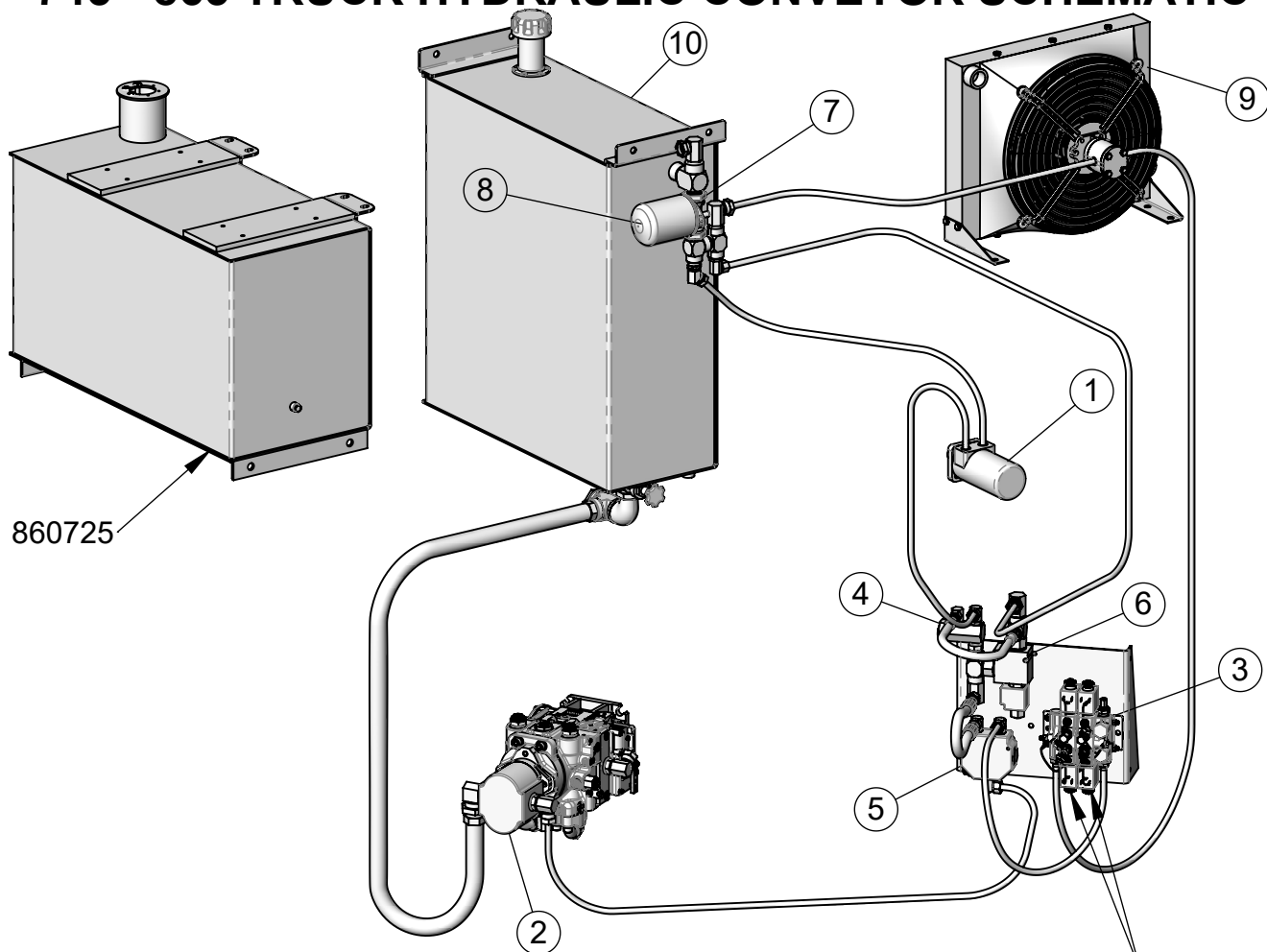
ITEM #	PART #	DESCRIPTION	QTY
1	189267	T-LOCK CABLE BRACKET	1
2	357710	MECHANICAL CONTROL HANDLE	1
3	358235	SPADE CONNECTOR 18-22 GA #6	8
4	370304	T-LOCK CABLE WITH 1/4" CLEVIS 10'	1
5	453314	ELECTRICAL WIRE 1172 - 22 GA	15 FT
6	453326	ELECTRICAL WIRE 1174C - 22 GA	4 FT
7	453717	JUNCTION BOX SHELL JB 2010	1
8	455122	INLINE FUSE HOLDER	1

# 745-865 TRUCK JOYSTICK SWITCH PANEL ASSEMBLY



ITEM #	PART #	DESCRIPTION	QTY.
1	162624	JOYSTICK BRACKET W/REAR DOOR SWITCH	1
2	357705	JOYSTICK, (4-WAY) SCHNEIDER 9001K35	1
3	440864	DECAL, 4-WAY JOYSTICK (VERTICALS)	1
4	452743	SWITCH, ROCKER ON-OFF-ON, (DPDT) 44323	1
5	452744	SWITCH, ROCKER ON-OFF, (SPST), 44301	2
6	454111	LIGHT, RED LED	3

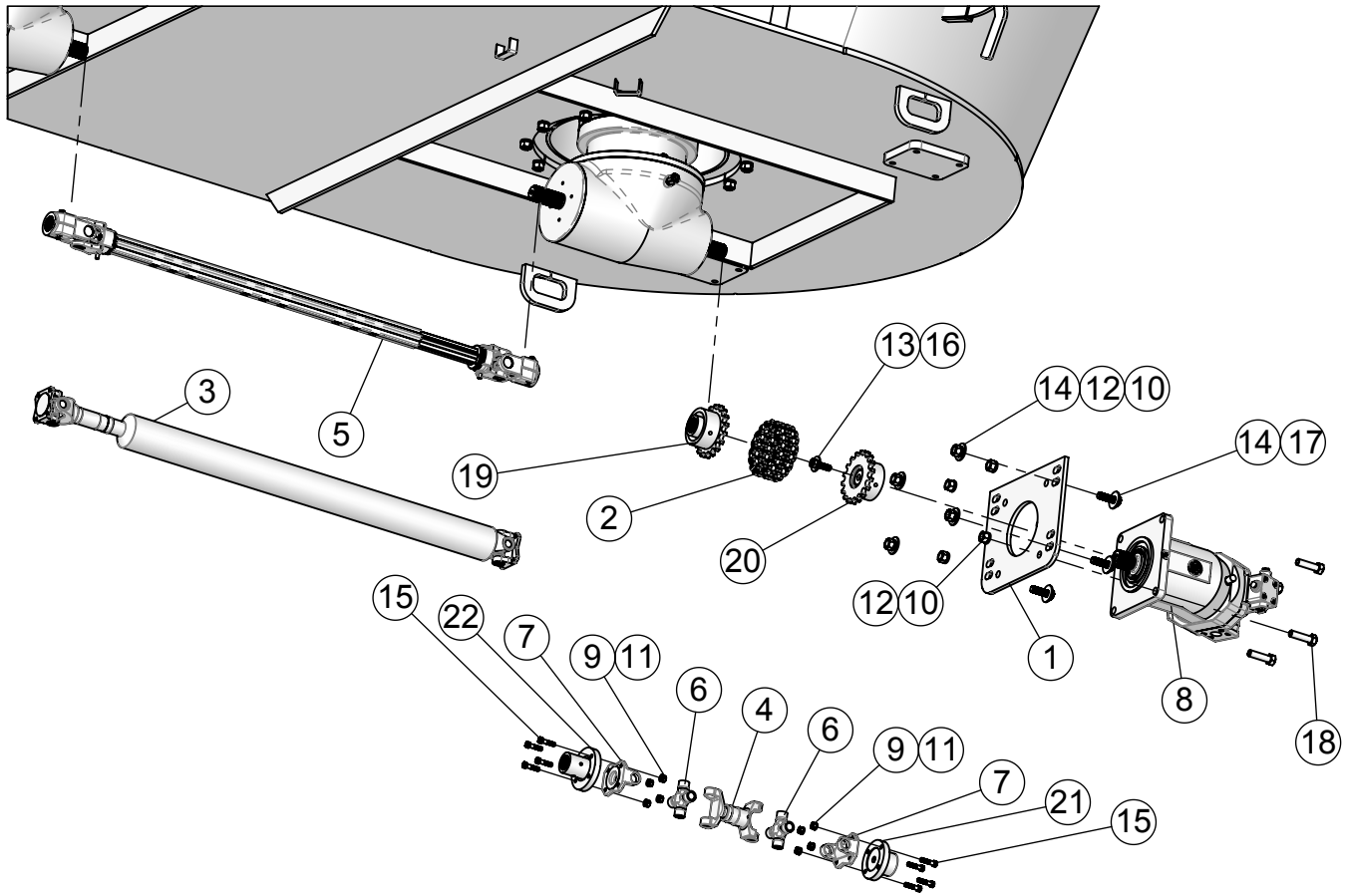
# 745 - 865 TRUCK HYDRAULIC CONVEYOR SCHEMATIC



HOSES FROM THESE VALVES GO TO THE DISCHARGE DOOR CYLINDER & THE CONVEYOR SPOUT AND/OR CONVEYOR SHIFT CYLINDER

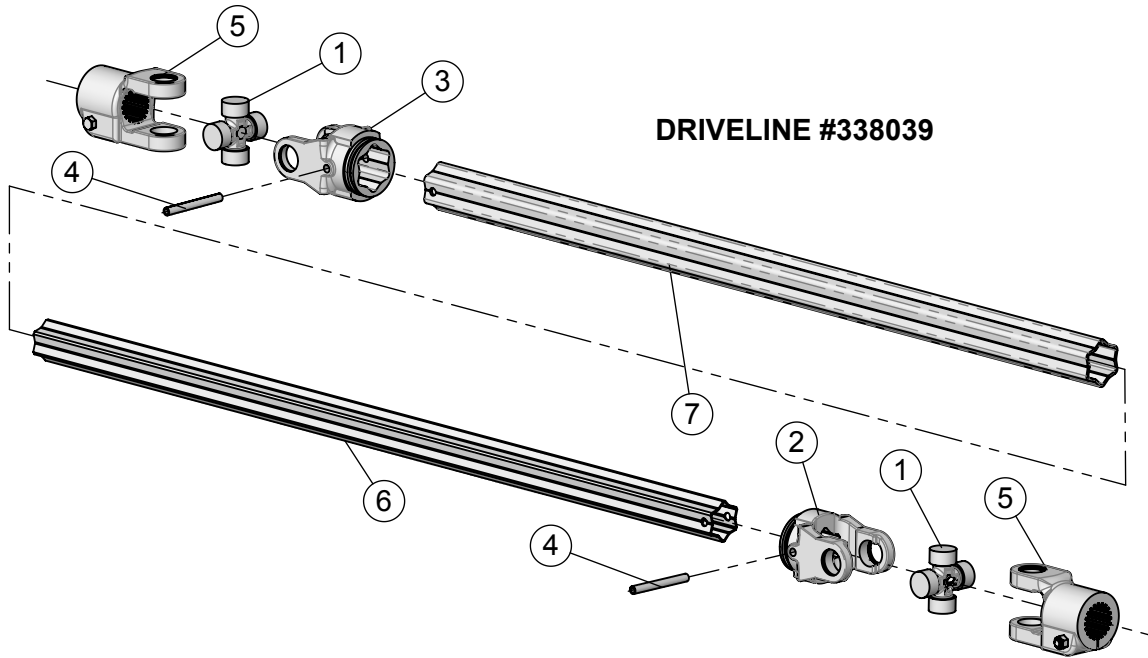
ITEM #	PART #	DESCRIPTION	QTY
1	360014	HYDRAULIC MOTOR 101-1012 14.1 CU IN.	1
2	362031	GEAR PUMP 1.92 IN <sup>3</sup> 11T SPLINE	1
	362031RH	GEAR PUMP 1.92 IN <sup>3</sup> 11T SPLINE (FOR REPTO)	1
3	362209	HYD VALVE 12V DOUBLE, BUCHER	1
4	362230	HYD PRESSURE RELIEF VALVE	1
5	362286	VALVE PRINCE HYD. FLOW DIVIDER 70/30	1
6	362302	HYDRAFORCE DUMP VALVE	1
7	362402	FILTER HEAD 1"	1
8	362441	FILTER ELEMENT VE-10 - 1"	1
9	362582	HEAT EXCHANGER ASSY WITH HYD FAN	1
	362586	HEAT EXCHANGER ASSY WITH ELEC FAN	1
10	874138	HYDROSTAT RESERVOIR WA	1
	860725	HYDROSTAT RESERVOIR WA (AFTER 2013)	1

# 745 - 865 TRUCK DRIVE LINE ASSEMBLY

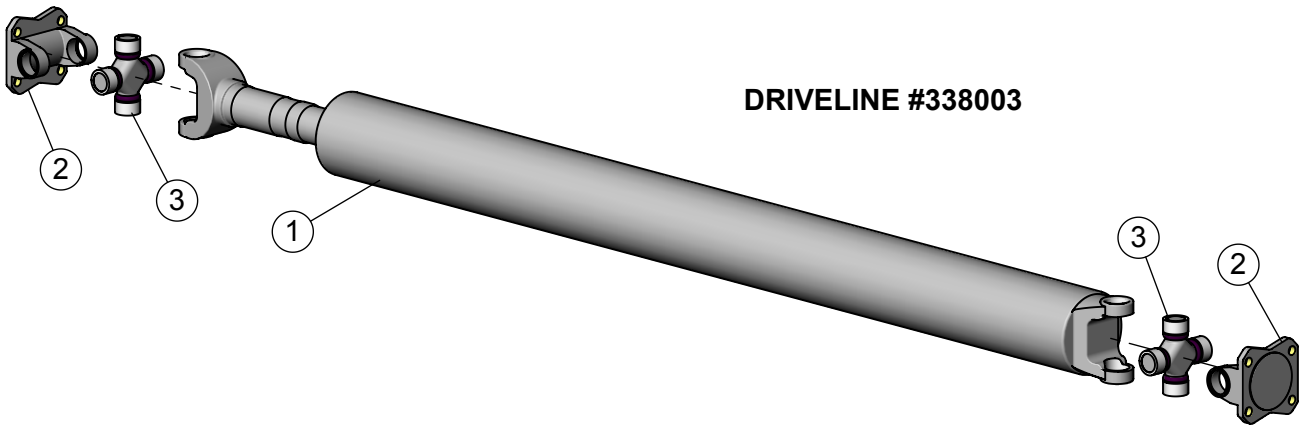


ITEM #	PART #	DESCRIPTION	QTY
1	161566	200 MOTOR PLATE 13" x 16"	1
2	320818	COUPLER CHAIN #80-2 RC x 18 COMPLETE	1
3	338003	1410 DRIVELINE 61 C-C W/ FLANGES	1
4	338007	Driveline 1410 5.35" C-C, Includes Items 4, 6, & 7	1
5	338039	DRV SHAFT W2400 1-3/4" 20T x 1-3/4" 20T	1
6	338402	SPICER, CROSS KIT, 1410 5-160X	2
7	338411	FLANGE YOKE, SPICER 1410, 3-2-159	2
8	360120	BENT AXIS MOTOR 250 VARI DISP	1
9	400207	HEX NUT # 5 PLTD 7/16"	8
10	400212	HEX NUT 3/4"-10 #5 PLTD	8
11	402007	SPRING LOCK WASHER 7/16" PLTD	8
12	402012	SPRING LOCK WASHER 3/4" PLTD	8
13	402410	FLAT WASHER 5/8" MED PLTD	1
14	402412	FLAT WASHER 3/4" PLTD	8
15	405679	HHCS 7/16 x 1-3/4 #5 PLTD	8
16	405754	HHCS, 5/8"-11 x 2" #5 PLTD	1
17	405780	HHCS 3/4"-10 x 2-1/4" #5 PLTD	4
18	405782	HHCS 3/4"- 10 x 2-3/4" #5 PLTD	4
19	860494	CHAIN COUPLER 1-3/4"-20T SPLINE	1
20	860495	CHAIN COUPLER 15T 8/16 SPLINE, 18T SPRKT	1
21	860797	1350 COMP FLANGE 15T 8/16 SPLINE	1
22	860798	1350 COMP FLANGE 1-3/4-20T SPLINE	1

# 745 - 865 TRUCK, TRAILER & STATIONARY DRIVE LINE BETWEEN GEARBOXES



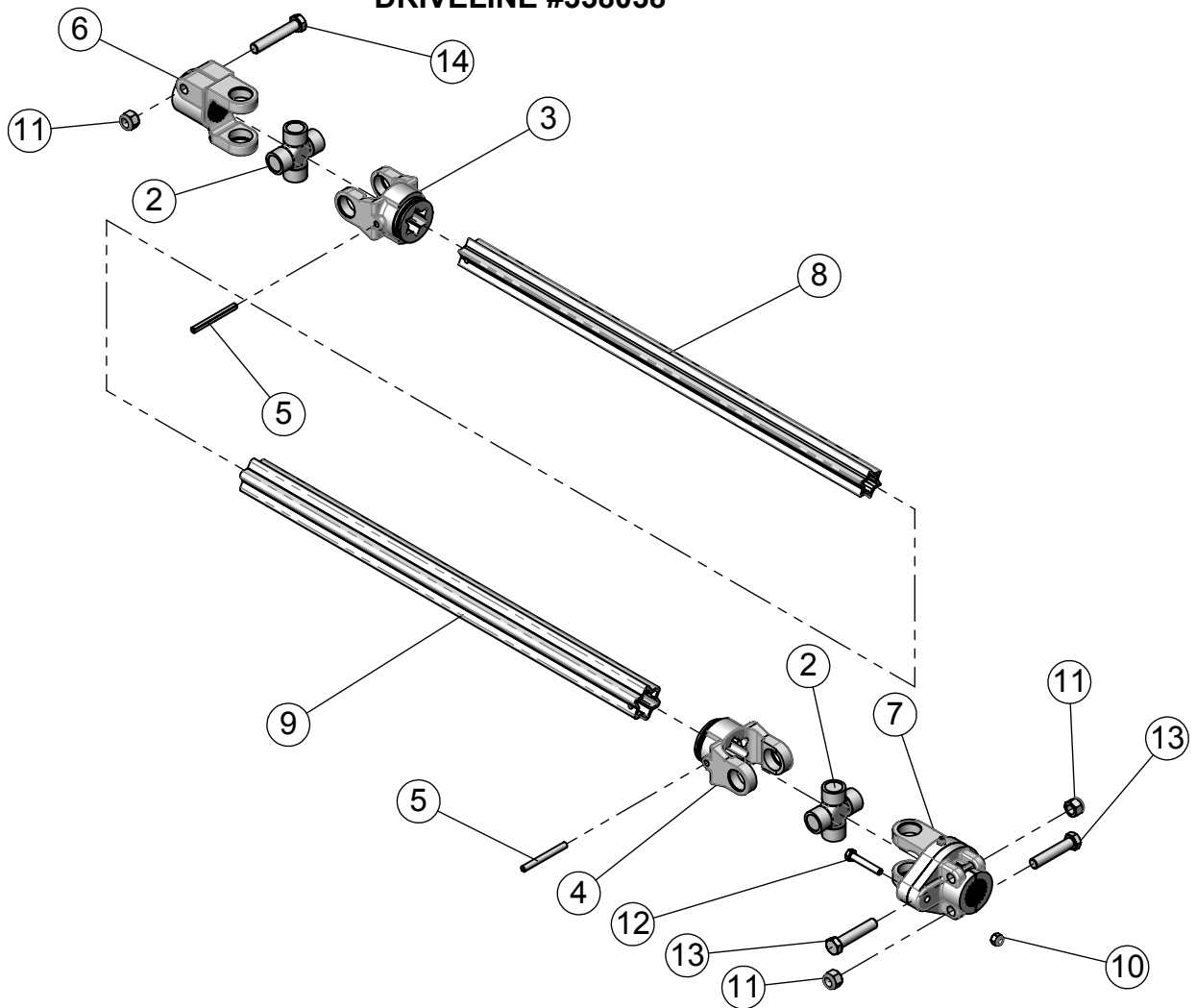
ITEM #	PART #	DESCRIPTION	QTY
1	338443	CROSS KIT 32mm x 76mm W2400	2
2	338450	INBOARD YOKE W2400 S4 356905	1
3	338452	INBOARD YOKE S5 W2400 356906	1
4	338473	ROLL DRIVE PIN W LTSH 10MM x 90MM	2
5	338612	YOKE 1-3/4" 20 SPLINE W2400 331053	2
6	338614	INNER PROFILE S4 W2400 391623	1
7	338615	OUTER PROFILE S5 W2400 109485	1



ITEM #	PART #	DESCRIPTION	QTY.
1	338003	DRIVE LINE 1410 70" C-C	1
2	338410	FLANGE YOKE, SPICER 1410	2
3	338436	CROSS KIT, SPICER 1350 5-178X	2

# 745 - 865 TRAILER DRIVELINE 2 SPEED GEARBOX TO AUGER GEARBOX

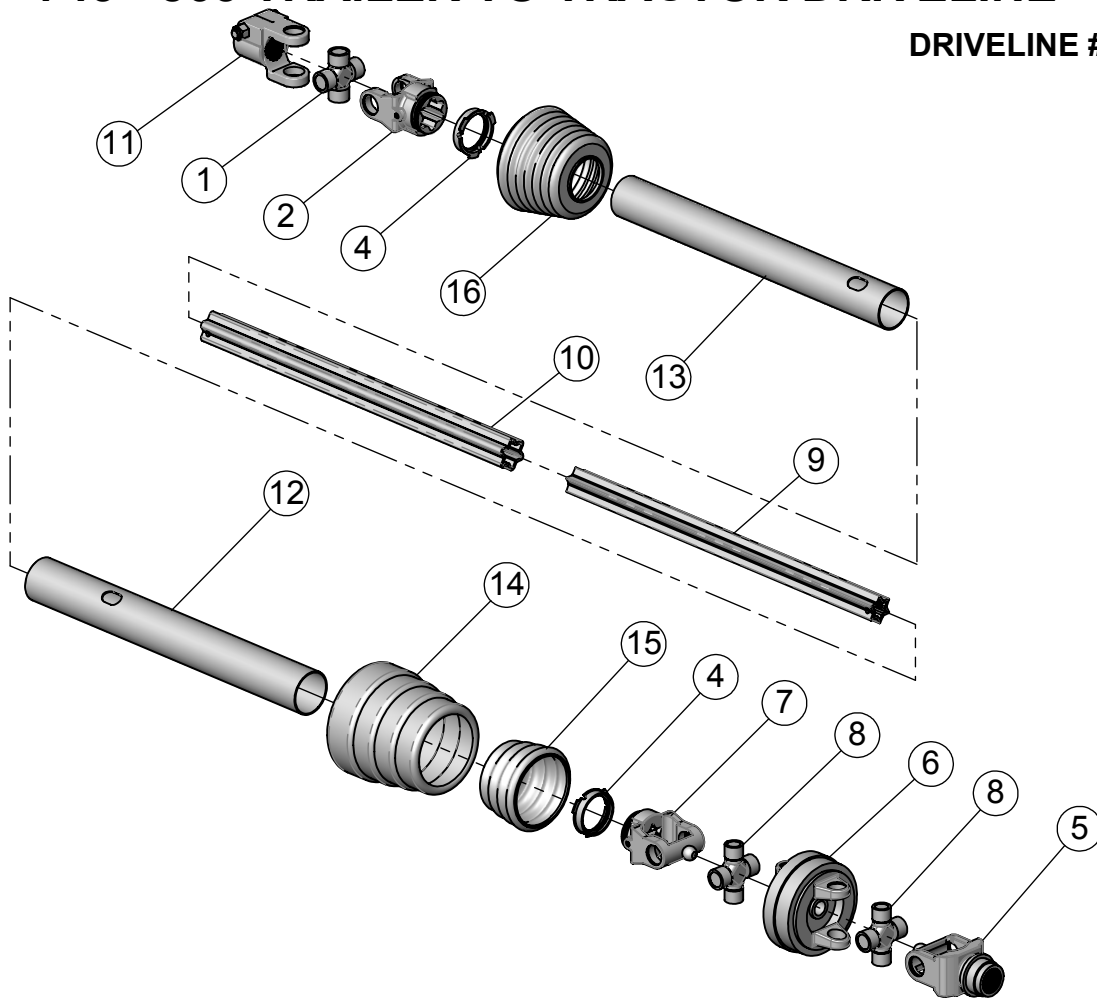
DRIVELINE #338038



ITEM #	PART #	DESCRIPTION	QTY
1	310748	1/8"-27 MALE PIPE GREASE ZERK	1
2	338446	CROSS KIT W2500 312209	2
3	338453	INBOARD YOKE W2500 S4 097133	1
4	338454	INBOARD YOKE W2500 S5 097140	1
5	338473	ROLL PIN #10 METRIC 10 x 90	2
6	338606	YOKE 1-3/4" 20 SPL W2500 325027	1
7	338637	YOKE 1-3/4" 20 SPL W/CLUTCH W2500 387505	1
8	338638	INNER PROFILE S4GA W2500 325280	1
9	338639	OUTER PROFILE & SLEEVE WA S5G W2500 695245	1
10	400010	HEX NYLOC NUT M10-1.5, 8.8 PLTD (In Item 7)	1
11	400014	HEX NYLOC NUT M16-2.0 #5 PLTD (In Item 6 & 7)	3
12	407800	HHCS M10-1.5 x 60MM, GRADE 8.8 PLTD ( In Item 7)	1
13	407841	HHCS M16-2.0 x 80, 8.8 #5 PTLTD (In Item 7)	2
14	407842	HHCS M16-2.0 x 90, 8.8 #5 PLTD ( In Item 6)	1

# 745 - 865 TRAILER TO TRACTOR DRIVELINE

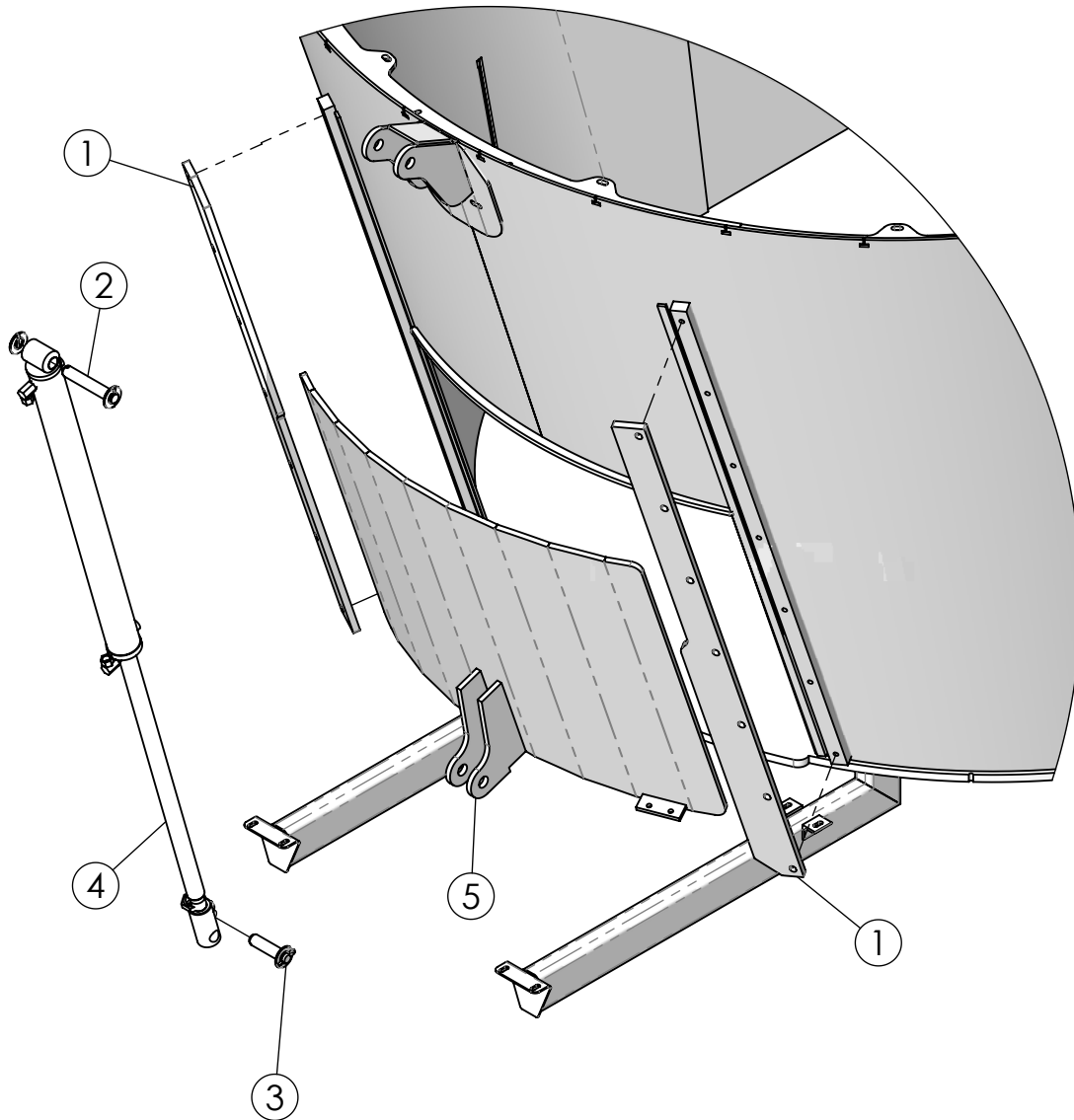
DRIVELINE #338040



ITEM #	PART #	DESCRIPTION	QTY
1	338446	CROSS KIT W2500 312209	1
2	338454	INBOARD YOKE W2500 S5 097140	1
3	338473	ROLL PIN #10 METRIC 10 x 80	2
4	338489	BEARING RING SC 25 -087276	2
5	338600	YOKE 1-3/4" - 20 SPL QD W2500 ASG 135316	1
6	338601	DOUBLE YOKE CVC W-2500 365725	1
7	338602	INBOARD YOKE W2500 S5 135294	1
8	338603	CV Cross Kit - W2580 384316	2
9	338604	INNER PROFILE W2500 S4GA 344144	1
10	338605	OUTER PROFILE & SLEEVE WA W2500 388535	1
11	338606	YOKE 1-3/4" 20 SPL W2500 325027	1
12	338607	OUTER SHIELD TUBE OVL - W-2500 397529	1
13	338608	INNER SHIELD TUBE ROUND - W-2500 387147	1
14	338609	CV CONE & BEARING ASSEMBLY -W-2500 386165	1
15	338610	SHIELD CONE 4 RIB 104786	1
16	338611	SHIELD CONE 7 RIB 365387	1

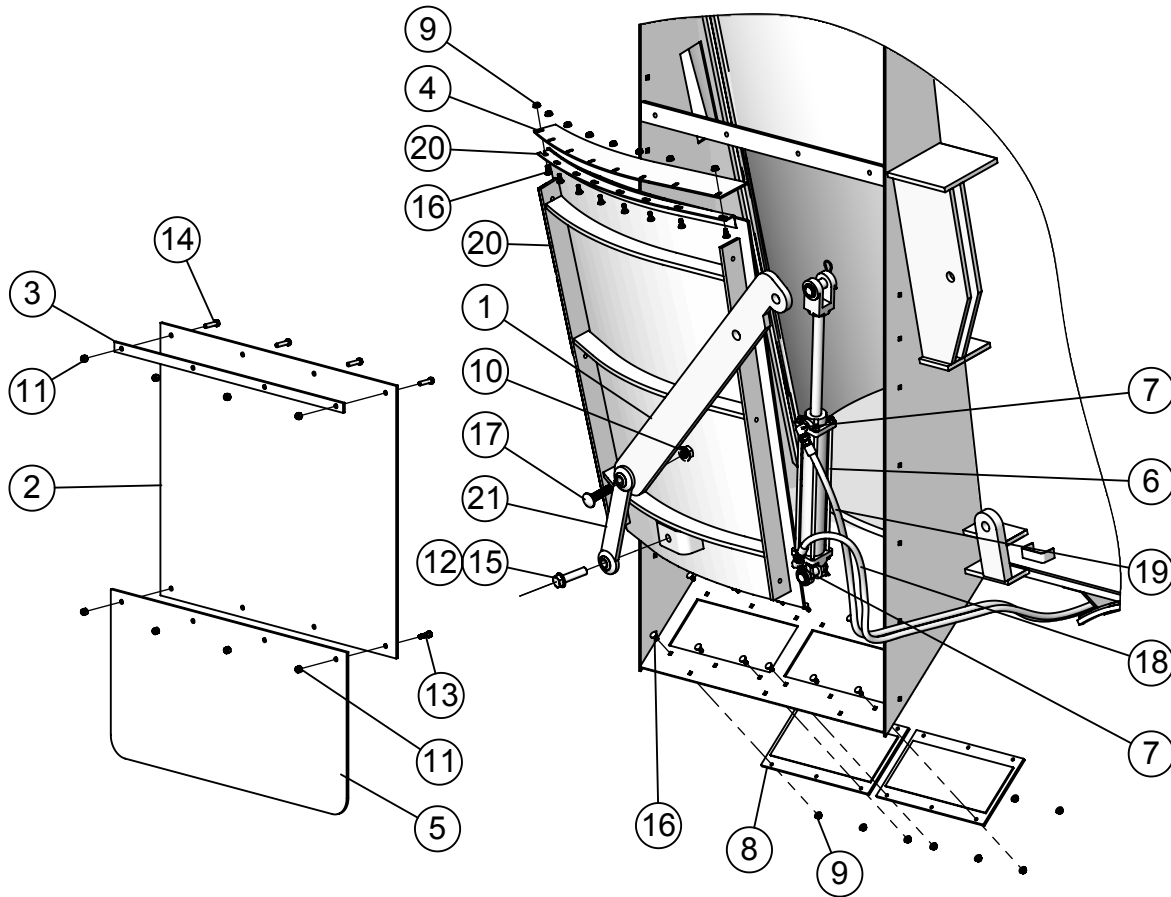
# 745 - 865 VERTICAL TRUCK & TRAILER FRONT CENTER & REAR DOOR

TRUCK REAR DOOR KIT - 660229  
TRAILER REAR DOOR KIT - 660211



ITEM #	PART #	DESCRIPTION	QTY
1	160115	DOOR GUIDE BAR	2
2	160619	CYLINDER PIN 5 7/8"	1
3	160620	CYLINDER PIN 1" x 4 1/4"	1
4	364079	HYDRAULIC CYLINDER 2-1/2" x 1-1/2" ROD x 30-1/4"	1
5	860402	FRONT CENTER DOOR, 30" WIDE CONV	1
	860578	FRONT CENTER DOOR, 42" WIDE CONV	1
	860493	REAR CENTER DOOR	1

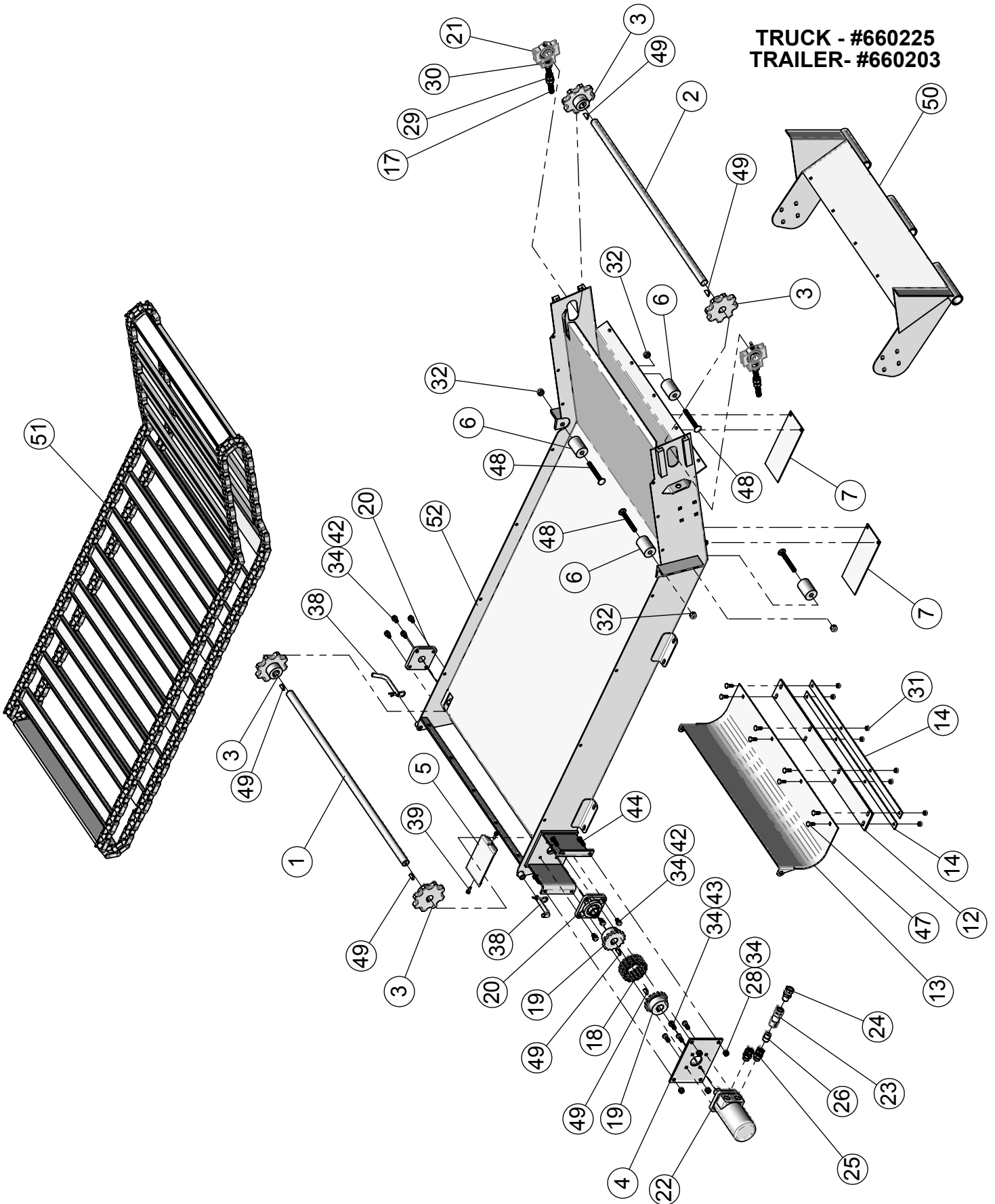
# 745 - 865 VERTICAL TRUCK & TRAILER SIDE DOOR DISCHARGE



ITEM #	PART #	DESCRIPTION	QTY.
1	162341	DOOR LIFT ARM	1
2	162415	DEFLECTOR BELT	1
3	162417	BELTING STRAP	2
4	162419	DISCH DOOR TOP SEAL PLATE	1
5	162420	DISCH DOOR DEFLECTOR BELT PLATE	1
6	364058	HYDRAULIC CYLINDER, 2" x 12", 22-1/4 CC	1
7	368258	SWIVEL 90, <sup>o</sup> 3/8 MP x 3/8 FPX .047 ORIFICE	2
8	375004	ACRO PLATE MAGNET AM 1500	2
9	400106	HEX NUT, 5/16"-18 SER. FLANGE #5 PLTD	20
10	400912	HEX CROWN LOCK NUT 3/4"-10 #5 PLTD	2
11	401106	HEX NUT, 3/8"-16 NYLOC #5 PLTD	8
12	402512	FLAT WASHER 3/4" SAE	2
13	405654	HHCS 3/8"-16 x 1-1/4" #5 PLTD	4
14	405655	HHCS 3/8"-16 x 1 1/2" #5 PLTD	4
15	405783	HHCS 3/4-10 x 3" #5 PLTD	1
16	407020	CHCS 5/16"-18 x 3/4" #5 PLTD	20
17	407142	CHCS 3/4" x 3" #5 PLTD	1
18	781389	3/8 x 255 HOSE ASM 3/8MP x 1/2MP	1
19	781389	3/8 x 255 HOSE ASM 3/8MP x 1/2MP	1
20	860671	865 LH DISCHARGE DOOR WA	1
21	860672	DOOR LIFT BAR	1

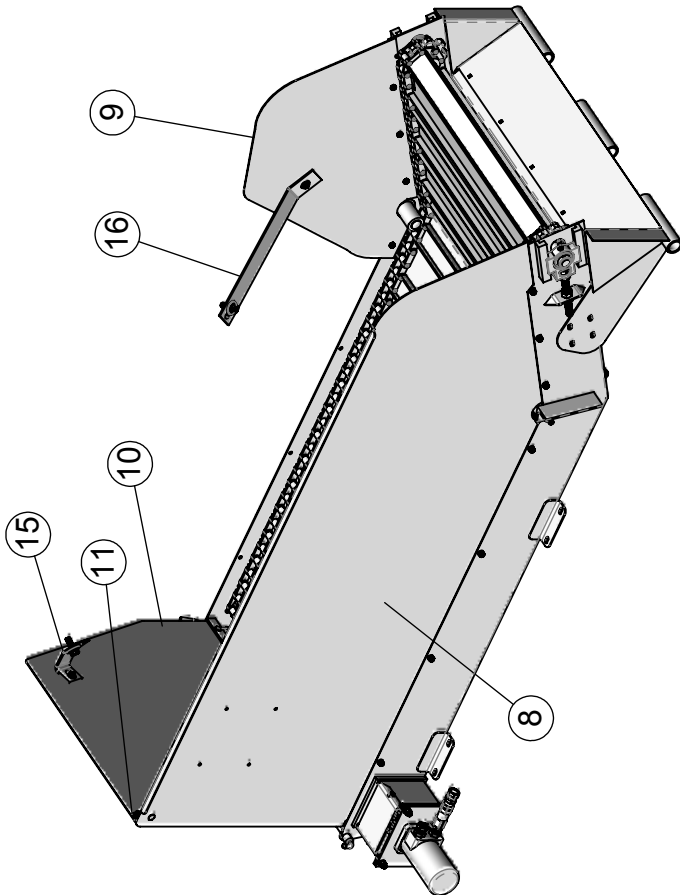
# 745 - 865 TRUCK & TRAILER INCLINE 30" WIDE CONVEYOR ASSEMBLY

TRUCK - #660225  
TRAILER- #660203



# 745 - 865 TRUCK & TRAILER INCLINE 30" WIDE CONVEYOR ASSEMBLY

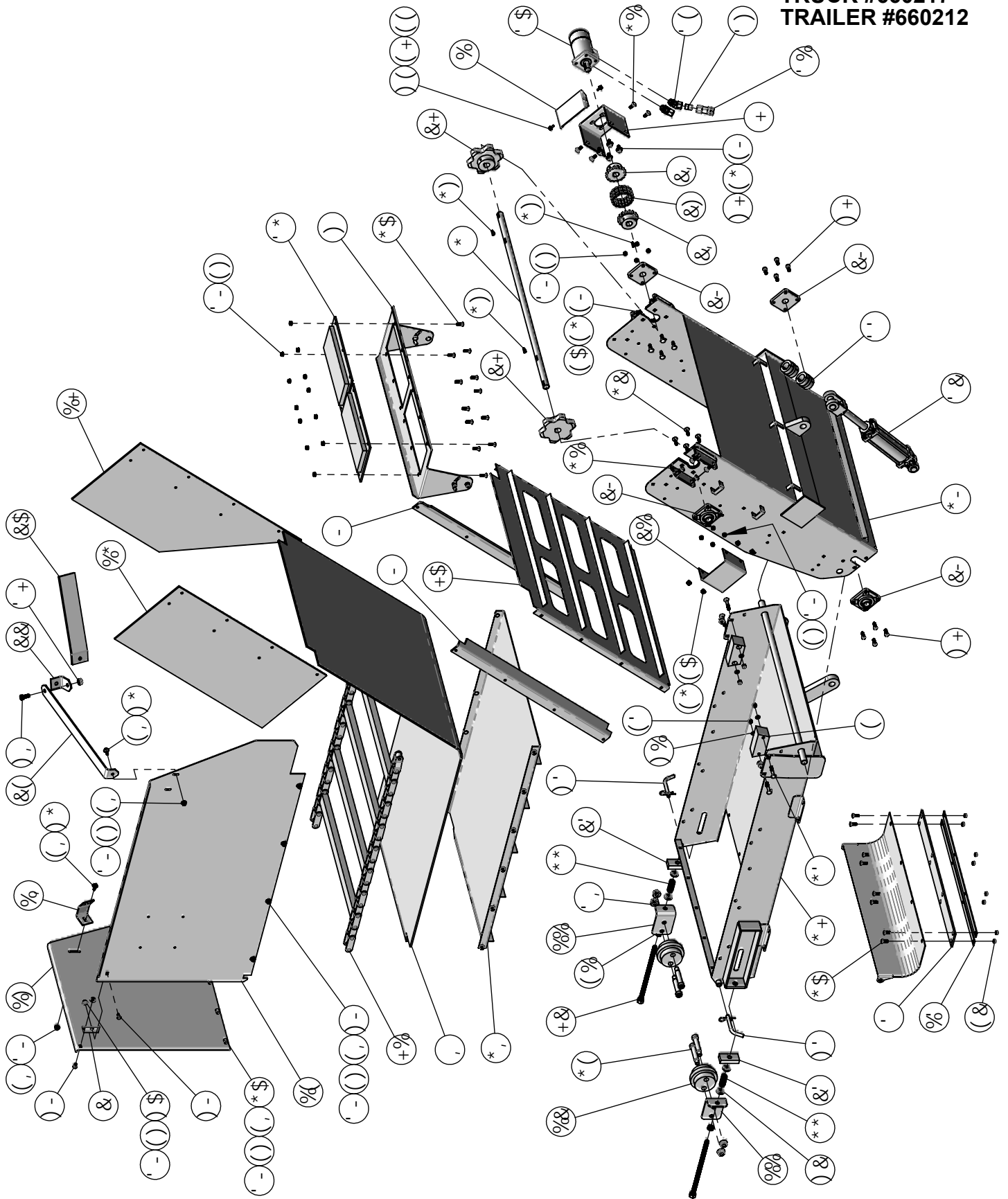
ITEM #	PART #	DESCRIPTION	QTY
18	320516	COUPLER CHAIN #50-2 RC x 16	1
19	332606	COUPLER SPROCKET, 50B16 x 1"	2
20	340316	FLANGE BEARING 1" 4 BOLT RCJC	2
21	341323	TAKE-UP BEARING 1"	2
22	360014	HYDRAULIC MOTOR 101-1012 14.1 CU IN.	1
23	362240	CHECK VALVE 1/2" FP x 1/2" FP	1
24	368111	STRAIGHT ADAPTER 1/2" x 1/2"FP SWIVEL	1
25	368118	STRAIGHT ADAPTER 7/8"MOB x 1/2"FP SW	2
26	368642	HEX NIPPLE 1/2" x 1/2" MP	1
27	400205	HEX NUT 5/16"-18 #5 PLTD	19
28	400206	HEX NUT 3/8"-16 #5 PLTD	4
29	400210	HEX NUT 5/8"-11 #5 PLTD	6
30	400810	HEX NUT 5/8-11 UNILOCK	2
31	401105	HEX NYLOC NUT #5 Pltd., 5/16"-18	13
32	401108	HEX NYLOC NUT, 1/2"-13 #5 PLTD	2
33	402005	SPRING LOCK WASHER 5/16" MED PLTD	19
34	402006	SPRING LOCK WASHER 3/8" MED PLTD	13
35	402405	FLAT WASHER 5/16" MED PLTD	9
36	402406	FLAT WASHER 3/8" PLTD	2
37	402408	FLAT WASHER 1/2" MED PLTD	2
38	404214	PIN, 1/2" x 3", RECEIVER HITCH	2
39	405602	HHCS 1/4" -20 x 3/4" USS #5 PLTD.	2
40	405627	HHCS 5/16" x 3/4" #5 PLTD	15
41	405628	HHCS 5/16"-18 x 1" #5 PLTD	2
42	405652	HHCS 3/8"-16 x 3/4" #5 PLTD	8
43	405653	HHCS 3/8"-16 x 1" #5 Pltd	4
44	405654	HHCS 3/8"-16 x 1 1/4" #5 Pltd	4
45	405703	HHCS 1/2"-13 x 1-1/2" #5 PLTD	2
46	407020	CHCS 5/16"-18 x 3/4" #5 PLTD	2
47	407021	CHCS 5/16"-18 x 1" #5 PLTD	13
48	407110	CARRIAGE BOLT 1/2"-13 X 4"	2
49	409916	WOODRUFF KEY 1/4" x 1"	6
50	860398	SPOUT HINGE PLATE WA	1
51	860407	CONVEYOR CHAIN WA	1
52	860418	CONVEYOR BODY WA	1



ITEM #	PART #	DESCRIPTION	QTY
1	160021	CONVEYOR DRIVE SHAFT	1
2	160022	CONVEYOR IDLER SHAFT	1
3	160025	SPROCKET C55, 8 TOOTH x 1" I.D.	4
4	160082	MOTOR MOUNT PLATE	1
5	160083	MOTOR MOUNT COVER	1
6	161271	IDLER BLOCK x 2 1/2"	2
7	161315	CONVEYOR BTM COVER	2
8	161380	CONVEYOR FRONT SHIELD	1
9	161381	CONVEYOR REAR SHIELD	1
10	161382	CONVEYOR SIDE SHIELD	1
11	161383	MOUNT ANGLE	1
12	161448	RUBBER HINGE	1
13	161506	CLEANOUT DOOR	1
14	161509	STRAP	2
15	161597	STIFFENER	1
16	161602	CONVEYOR SHIELD STIFFNER	1
17	188390	TAKE UP BOLT x 7"	2

# 745 - 865 TRUCK & TRAILER ADJUSTABLE 30" WIDE CONVEYOR ASSEMBLY

TRUCK #660217  
TRAILER #660212



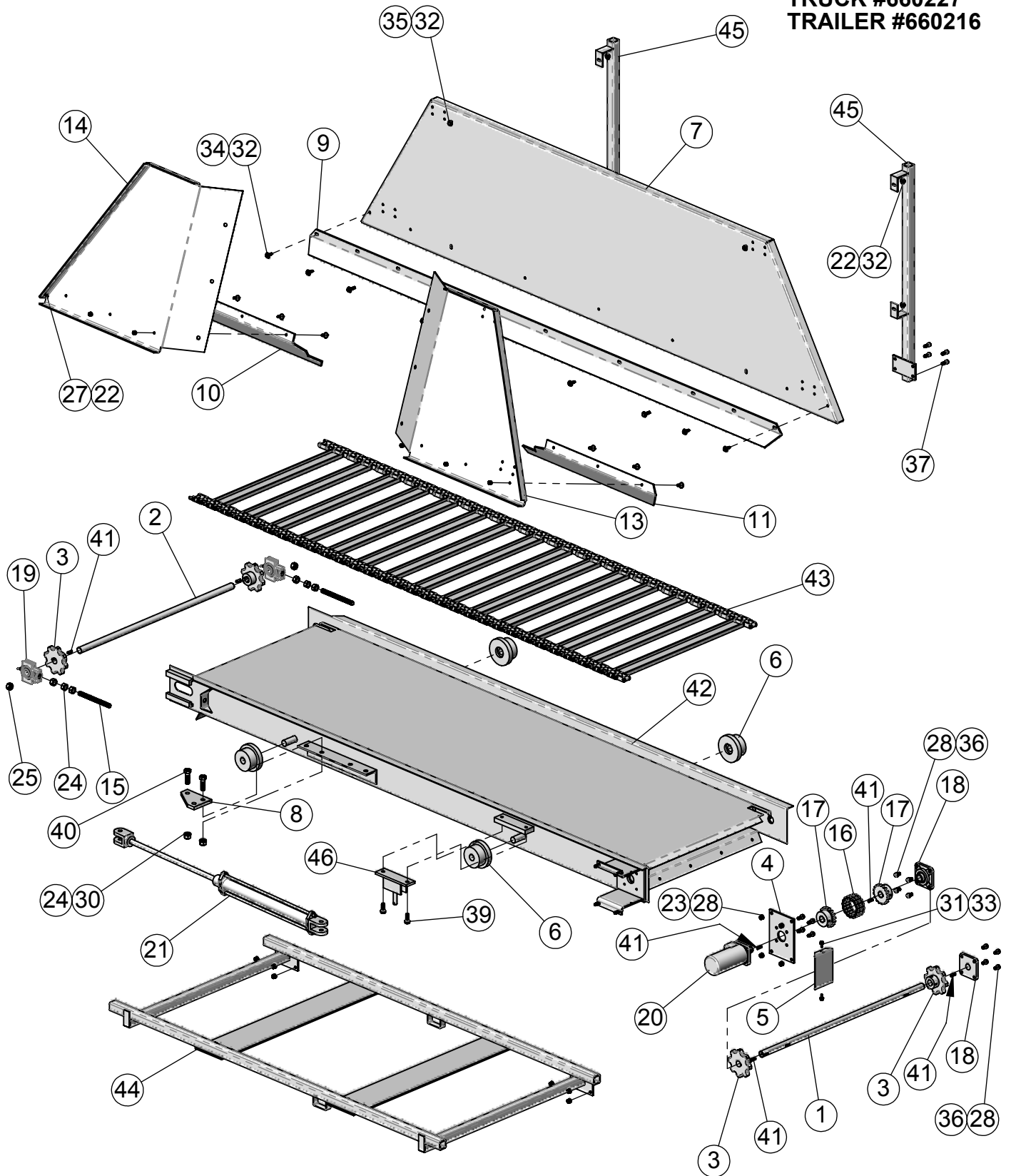
# 745 - 865 TRUCK & TRAILER ADJUSTABLE 30" WIDE CONVEYOR ASSEMBLY

ITEM #	PART #	DESCRIPTION	QTY
37	400114	HEX NUT, 1/2"-13 SERRATED FLANGE	1
38	400115	HEX NUT 5/8"-11 SERRATED FLANGE #5	4
39	400205	HEX NUT 5/16"-18 #5 PLTD	53
40	400206	HEX NUT 3/8"-16 #5 PLTD	24
41	400610	HEX JAM NUT, 5/8"-11 #5 PLTD	2
42	401105	HEX NUT NYLOC 5/16"-18 #5 PLTD	30
43	401106	HEX NUT, 3/8"-16 NYLOC #5 PLTD	8
44	402004	SPRING LOCK WASHER 1/4" PLTD	2
45	402005	SPRING LOCK WASHER 5/16" MED PLTD	53
46	402006	WASHER SPRING LOCK 3/8" MED PLTD	28
47	402404	FLAT WASHER 1/4" PLTD	2
48	402405	FLAT WASHER 5/16" MED PLTD	13
49	402406	FLAT WASHER 3/8" PLTD	24
50	402505	FLAT WASHER 5/16" SAE	44
51	402506	FLAT WASHER 3/8" SAE PLTD	8
52	402510	FLAT WASHER 5/8" SAE PLTD	4
53	404214	PIN, 1/2" x 3", RECEIVER HITCH	2
54	405602	HHCS 1/4" -20 x 3/4" USS #5 PLTD.	2
55	405627	HHCS 5/16" x 3/4" #5 PLTD	8
56	405628	HHCS 5/16"-18 x 1" #5 PLTD	16
57	405653	HHCS 3/8"-16 x 1" #5 PLTD	20
58	405702	HHCS 1/2"-13 x 1-1/4" #5 PLTD	1
59	407020	CHCS 5/16"-18 x 3/4" #5 PLTD	26
60	407021	CHCS 5/16"-18 x 1" #5 PLTD	25
61	407040	CHCS 3/8"-16 x 1" #5 PLTD	12
62	407041	CHCS 3/8"-16 x 1-1/4" #5 PLTD	8
63	407045	CARRIAGE HEAD 3/8"-16 x 2-1/4" #5 PLTD	4
64	407411	SHOULDER BOLT, 5/8"-11 x 3/4" DIA x 3" LG	4
65	409916	WOODRUFF KEY 1/4" x 1"	3
66	410016	COMPRESSION SPRING 15/16" x 4" x 0.148	2
67	860447	CONVEYOR BODY WA	1
68	860448	VERTICAL CONVEYOR PAN WA	1
69	860449	PIVOTING CONVEYOR WA	1
70	860450	PIVOTING CONVEYOR PAN WA	1
71	860451	CONVEYOR CHAIN WA 81X	1
72	860489	ALL THREAD WA	2

ITEM #	PART #	DESCRIPTION	QTY
1	160083	MOTOR MOUNT COVER	1
2	161383	MOUNT ANGLE	1
3	161448	RUBBER HINGE	1
4	161492	SLIDER BLOCK	2
5	161495	MAGNET BAFFLE	1
6	161498	CONVEYOR DRIVE SHAFT	1
7	161503	MOTOR MOUNT PLATE	1
8	161504	PLASTIC LINER ADJUSTABLE CONVEYOR	1
9	161505	PLASTIC SLIDE	2
10	161506	CLEANOUT DOOR	1
11	161507	TENSION BRACKET	2
12	161508	PLASTIC IDLER	2
13	161509	STRAP	2
14	161510	CONVEYOR FRONT SHIELD	1
15	161511	CONVEYOR SIDE SHIELD	1
16	161532	CONVEYOR EXTENSION	1
17	161533	CONVEYOR EXTENSION	1
18	161597	STIFFENER	1
19	161598	STIFFENER	1
20	161599	PLASTIC DEFLECTOR	1
21	161600	SHAFT END COVER	1
22	161650	CONVEYOR STIFFENER BRACKET	1
23	161662	TAPPED BAR	2
24	161674	CONVEYOR STIFFENER BRACKET 745	1
25	320516	COUPLER CHAIN #50-2 RC x 16	1
26	322574	CONNECTOR LINK 81X	2
27	330013	SPROCKET 81X 6-TOOTH 1" BORE	2
28	332606	COUPLER SPROCKET, 50B16 x 1"	2
29	340316	FLANGE BEARING 1" 4 BOLT RCJC	4
30	360015	HYDRAULIC MOTOR 17.9 CU IN.	1
31	362240	CHECK VALVE 1/2" FP x 1/2" FP	1
32	364054	HYDRAULIC CYLINDER 2" x 6", 16-1/4" CC	1
33	365001	HYDRAULIC CYLINDER ROD DONUT 2"L	2
34	368052	HYDRAULIC FITTING 7/8"MOR x 1/2"FPX 45°	2
35	368642	HEX NIPPLE 1/2" x 1/2" MP	1
36	375004	ARCO PLATE MAGNET AM 1500	2

# 745 - 865 TRUCK & TRAILER FLAT 30" WIDE CONVEYOR ASSEMBLY

TRUCK #660227  
TRAILER #660216

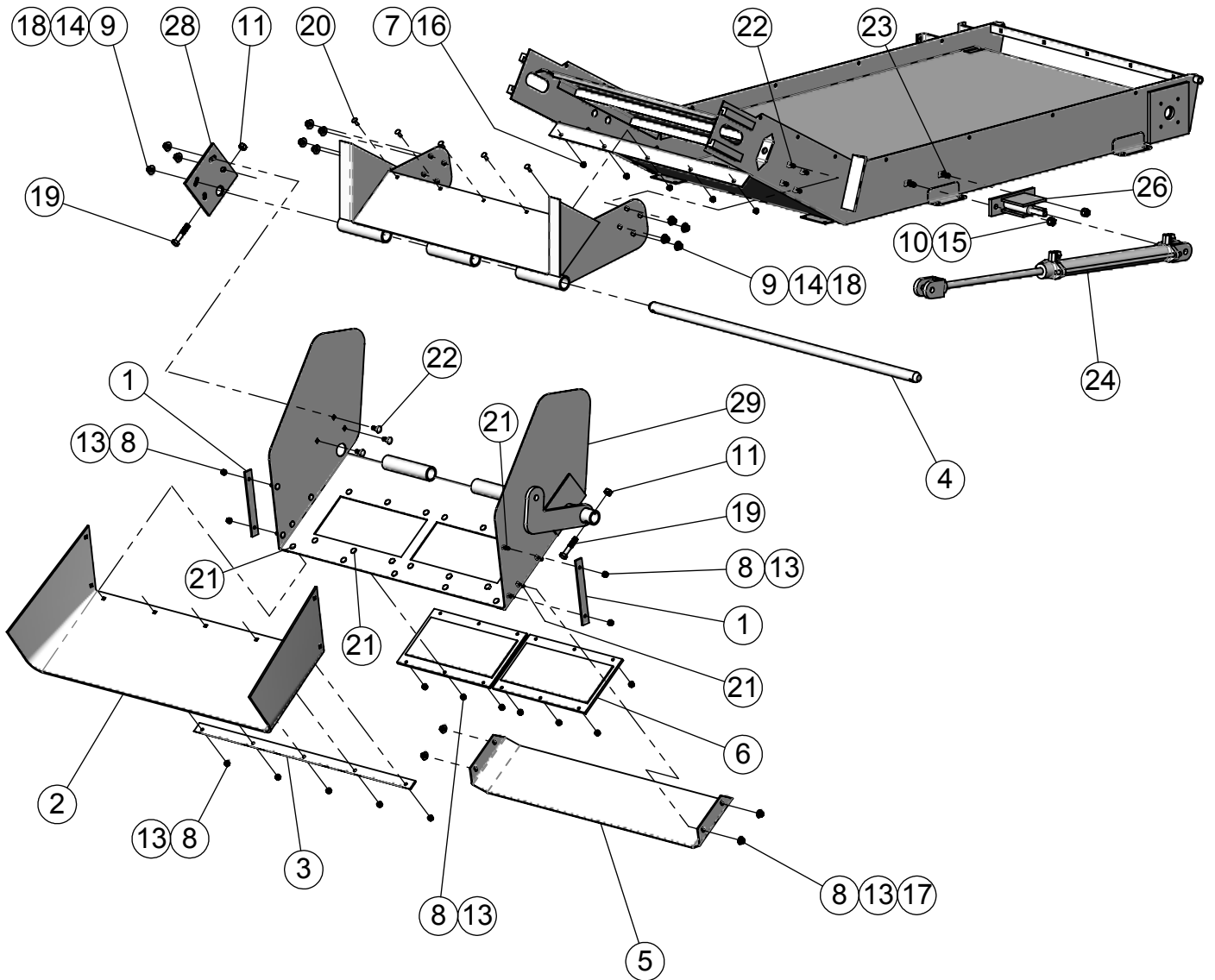


## 745 - 865 TRUCK & TRAILER FLAT 30" WIDE CONVEYOR ASSEMBLY

ITEM #	PART #	DESCRIPTION	QTY
1	160021	CONVEYOR DRIVE SHAFT	1
2	160022	CONVEYOR IDLER SHAFT	1
3	160025	SPROCKET C55, 8 TOOTH x 1" I.D.	4
4	160082	MOTOR MOUNT PLATE	1
5	160083	MOTOR MOUNT COVER	1
6	160555	CONVEYOR SLIDE ROLLER x 2 1/4"	4
7	160575	CONVEYOR FRONT SKIRT	1
8	160588	CYLINDER LUG	1
9	160682	FRONT CONVEYOR PLASTIC	1
10	160683	LEFT REAR CONVEYOR PLASTIC	1
11	160684	RIGHT REAR CONVEYOR PLASTIC	1
12	161552	BOLT BAR x 7"	1
13	161559	CONV SIDE SHIELD RH 30 5/8 x 34 9/16	1
14	161560	CONV SIDE SHIELD LH 30 5/8 x 34 9/16	1
15	188390	TAKE UP BOLT x 7"	2
16	320516	COUPLER CHAIN #50-2 RC x 16	1
17	332606	COUPLER SPROCKET, 50B16 x 1"	2
18	340316	FLANGE BEARING 1" 4 BOLT RCJC	2
19	341323	TAKE-UP BEARING 1"	2
20	360014	HYDRAULIC MOTOR 101-1012 14.1 CU IN.	1
21	364043	HYDRAULIC CYLINDER 26-1/4 CC 1 1/2" x 20"	1
22	400205	HEX NUT 5/16"-18 #5 PLTD	17
23	400206	HEX NUT 3/8"-16 #5 PLTD	12
24	400210	HEX NUT 5/8"-11 #5 PLTD	8
25	400810	HEX UNILOCK NUT 5/8"-11	2
26	402004	SPRING LOCK WASHER 1/4" PLTD	2
27	402005	SPRING LOCK WASHER 5/16" MED PLTD	17
28	402006	WASHER SPRING LOCK 3/8" MED PLTD	24
29	402008	SPRING LOCK WASHER 1/2" PLTD	2
30	402010	SPRING LOCK WASHER 5/8" PLTD	2
31	402404	FLAT WASHER 1/4" PLTD	2
32	402405	FLAT WASHER 5/16" MED PLTD	21
33	405602	HHCS 1/4" -20 x 3/4" USS #5 PLTD.	2
34	405628	HHCS 5/16"-18 x 1" #5 PLTD	13
35	405629	HHCS 5/16"-18 x 1-1/4" #5 PLTD	4
36	405652	HHCS 3/8"-16 x 3/4" #5 PLTD	8
37	405653	HHCS 3/8"-16 x 1" #5 PLTD	12
38	405654	HHCS 3/8"-16 x 1-1/4" #5 PLTD	4
39	405702	HHCS 1/2"-13 x 1-1/4" #5 PLTD	2
40	405754	HHCS 5/8"-11 x 2" #5 PLTD	2
41	409916	WOODRUFF KEY 1/4" x 1"	6
42	860168	FLAT VERTICAL 30" WIDE CONVEYOR WA	1
43	860169	CONVEYOR CHAIN WA C55, 30" WIDE	1
44	860464	SLIDE CONVEYOR 30' WIDE SUB FRAME WA	1
45	860465	SKIRT SUPPORT TUBE WA	2
46	860466	CYLINDER PIN BRACKET WA	1

# 745 - 865 TRUCK & TRAILER INCLINE 30" WIDE CONVEYOR SPOUT WITH MAGNETS

#980996

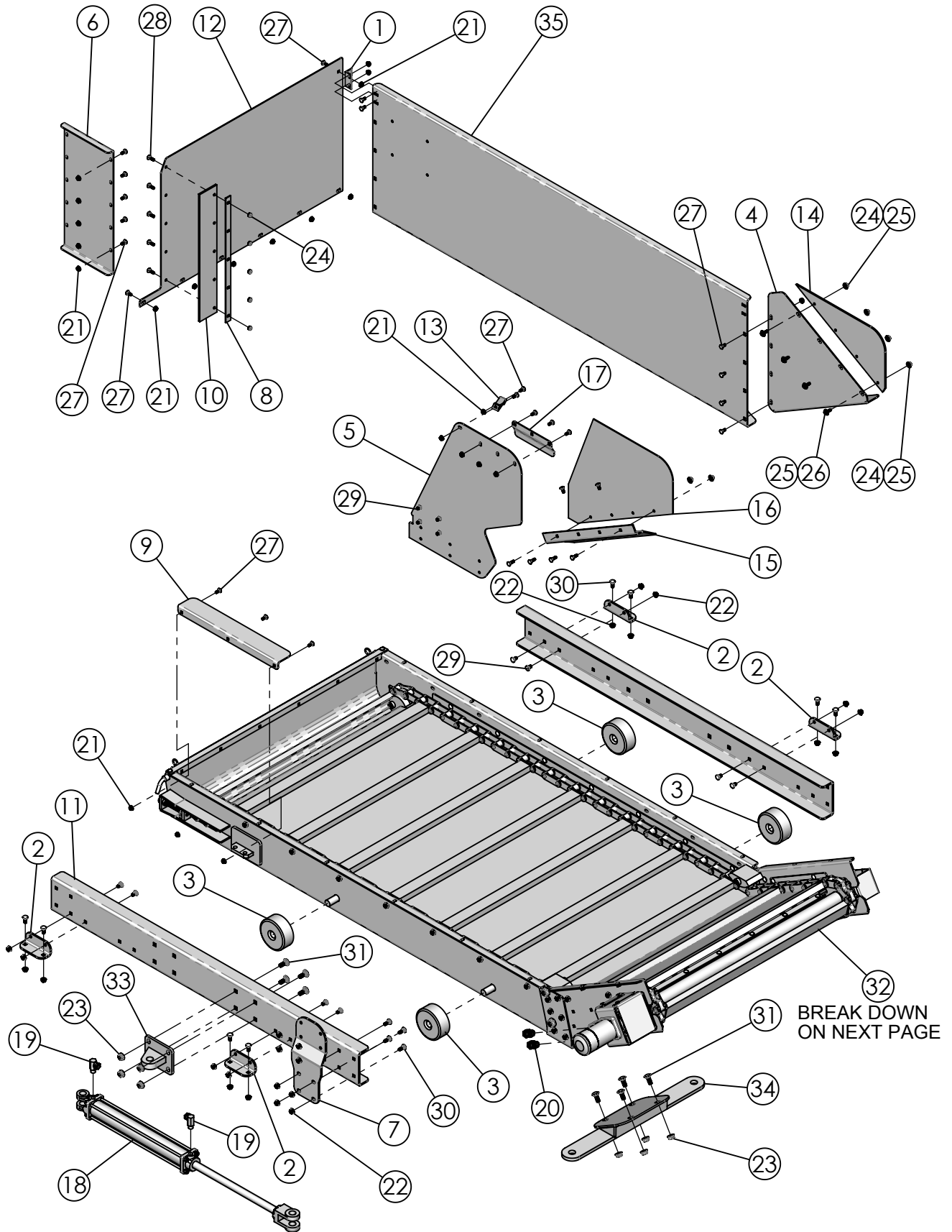


## 745 - 865 TRUCK & TRAILER INCLINE 30" WIDE CONVEYOR SPOUT WITH MAGNETS

ITEM #	PART#	DESCRIPTION	QTY
1	183160	SPOUT RUBBER SIDE BAR x 8"	2
2	187273	SPOUT RUBBER	1
3	187274	SPOUT BACK UP ANGLE x 35"	1
4	189101	PIVOT SHAFT 36" SPOUT	1
5	189163	MAGNET GUARD 36" SPOUT	1
6	375004	ARCO PLATE MAGNET AM 1500	2
7	400204	HEX NUT 1/4"-20 #5 PLTD	5
8	400205	HEX NUT 5/16"-18 #5 PLTD	25
9	400206	HEX NUT 3/8"-16 #5 PLTD	11
10	400208	HEX NUT 1/2"-13 #5 PLTD	2
11	400908	HEX CENTER LOCKNUT 1/2"-13	2
12	402004	SPRING LOCK WASHER 1/4" PLTD	5
13	402005	SPRING LOCK WASHER 5/16" MED PLTD	25
14	402006	SPRING LOCK WASHER 3/8" MED PLTD	11
15	402008	SPRING LOCK WASHER 1/2" PLTD	2
16	402404	FLAT WASHER 1/4" PLTD	5
17	402405	FLAT WASHER 5/16" MED PLTD	4
18	402406	FLAT WASHER 3/8" PLTD	11
19	405707	HHCS 1/2"-13 x 2-1/2" #5 PLTD	2
20	407000	CHCS 1/4"-20 x 3/4" #5 PLTD	5
21	407021	CHCS 5/16"-18 x 1" #5 PLTD	25
22	407040	CARRIAGE BOLT 3/8"-16 x 1" #5 PLTD	11
23	407102	CARRIAGE BOLT 1/2"-13 x 1-1/2" #5 PLTD	2
24	780098	SPOUT CYLINDER ASSEMBLY	1
25	860398	SPOUT HINGE PLATE WA	1
26	860399	CYLINDER PIN BRACKET WA	1
27	860418	CONVEYOR BODY WA	1
28	872237	SPOUT ADJUSTABLE HINGE WA	1
29	872347	SPOUT WA 14" x 36"	1

# 745 - 865 42" Wide INCLINE CONVEYOR

TRUCK - #660255, TRAILER - #660256



BREAK DOWN  
ON NEXT PAGE

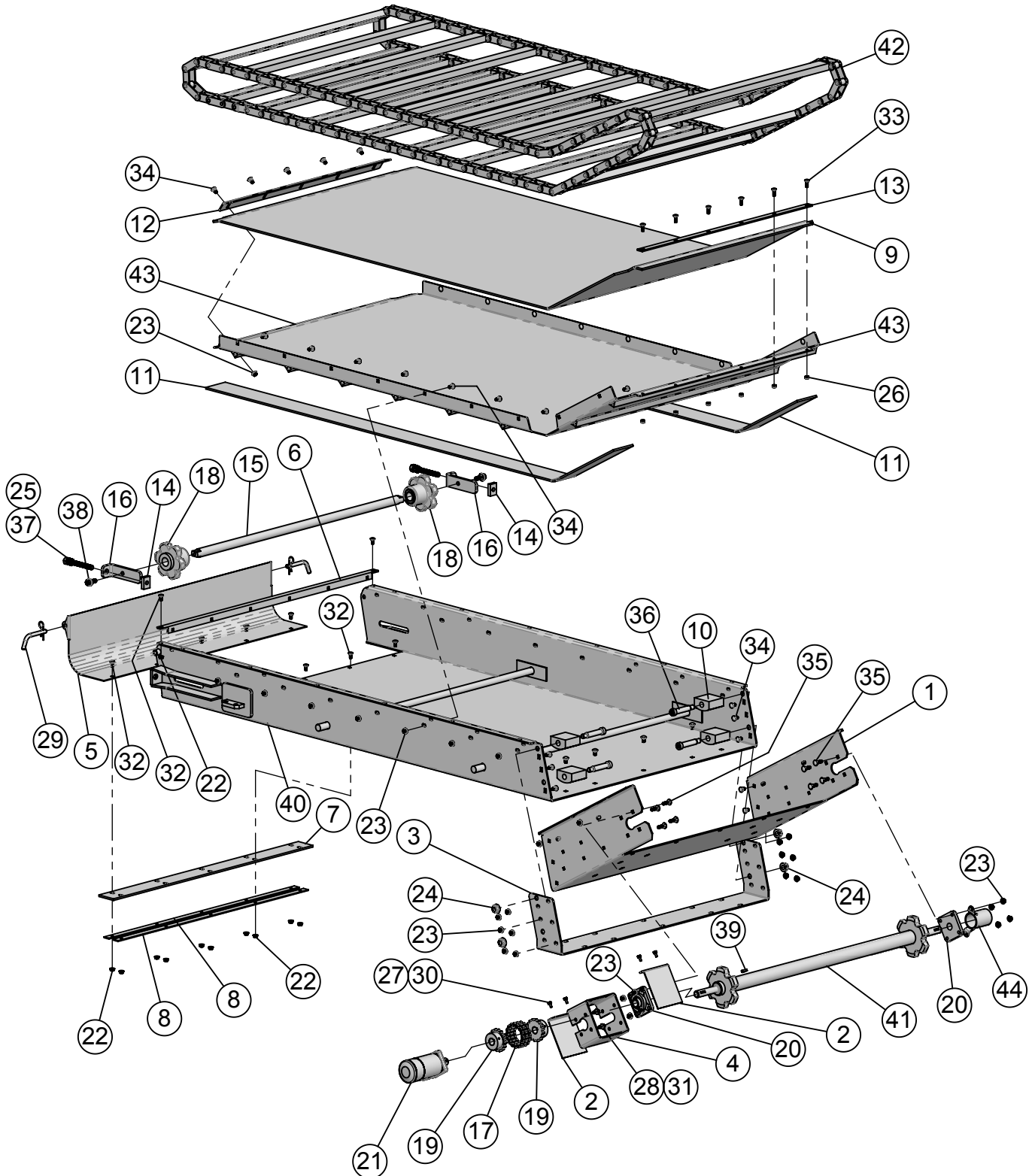
**745 - 865 42" Wide INCLINE CONVEYOR  
TRUCK - #660255, TRAILER - #660256**

ITEM #	PART #	DESCRIPTION	QTY.
1	161383	MOUNT ANGLE	1
2	161810	RAIL BOLT PLATE	4
3	161811	CONVEYOR SLIDE ROLLER	4
4	161818	DOGLEG EXTENSION SHIELD	1
5	161819	DOGLEG CONVEYOR REAR FILLER	1
6	161820	DOGLEG CONVEYOR REAR FILLER	1
7	161821	CONVEYOR SHIELD BOLT PLATE	1
8	161867	RUBBER SUPPORT PLATE	1
9	161874	CONVEYOR FLAT FILL PLATE	1
10	161875	RUBBER CONVEYOR SIDE FILLER	1
11	161934	CONVEYOR SLIDE RAIL FLAT & DOGLEG	2
12	161965	CONVEYOR LH SIDE SHIELD	1
13	162032	STIFFNER BRACKET	1
14	162038	FRONT PLASTIC EXTENSION	1
15	162066	DOGLEG CONVEYOR CHAIN COVER	1
16	162068	DOGLEG CONVEYOR PLASTIC FILLER	1
17	162069	OFFSET BRACKET	1
18	364060	HYDRAULIC CYLINDER 2" x 16" 26-1/4" CC	1
19	368007	HYD FITTING 3/8"MP x 3/8"FPX 90°, .109" ORFICE	2
20	368118	STRAIGHT ADAPTER 7/8"MORB x 1/2"FP SW	2
21	400106	HEX NUT, 5/16"-18 SERRATED FLANGE #5 PLTD	36
22	400107	HEX NUT, 3/8"-16 SERRATED FLANGE #5 PLTD	24
23	400114	HEX NUT, 1/2"-13 SERRATED FLANGE	8
24	401105	HEX NUT NYLOC 5/16"-18 #5 PLTD	13
25	402405	FLAT WASHER 5/16" MED PLTD	12
26	405628	HHCS 5/16"-18 x 1" #5 PLTD	4
27	407020	CHCS 5/16"-18 x 3/4" #5 PLTD	36
28	407021	CHCS 5/16"-18 x 1" #5 PLTD	9
29	407039	CHCS 3/8"-16 x 3/4" #5 PLTD	12
30	407040	CHCS 3/8"-16 x 1" #5 PLTD	12
31	407101	CHCS 1/2"-13 x 1-1/4" #5 PLTD	8
32	760172	VERTICAL INCLINE CONV (BREAK DOWN ON NEXT PAGE)	1
33	860529	SLIDE CYLINDER LUG WA	1
34	860552	DOGLEG CYLINDER MOUNT WA	1
35	860572	CONVEYOR FRONT SHIELD WA	1

# 745 - 865 INCLINE 42" SLIDE CONVEYOR

## TRUCK & TRAILER #760172

For SERIAL #'s 810849997 thru Current



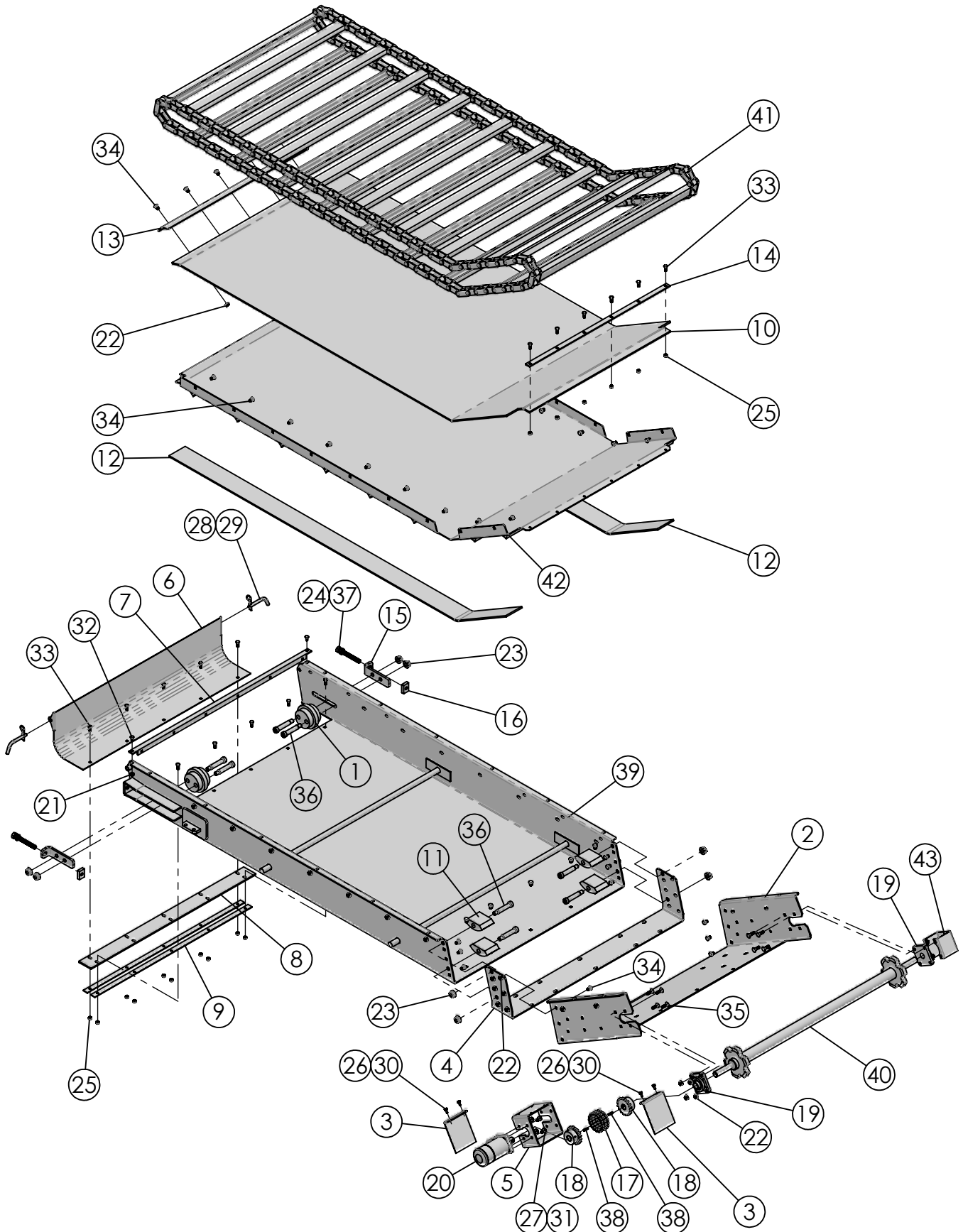
**745 - 865 INCLINE 42" SLIDE CONVEYOR  
TRUCK & TRAILER #760172  
For SERIAL #'s 810849997 thru Current**

ITEM #	PART #	DESCRIPTION	QTY.
1	161762	DOGLEG EXTENSION BOLT-ON	1
2	161774	DRIVE CHAIN COVER	2
3	161777	CONVEYOR BOLT PLATE	1
4	161783	MOTOR MOUNT TUBE	1
5	161784	CLEANOUT DOOR 42"W CONVEYOR	1
6	161786	CONVEYOR MOUNT ANGLE	1
7	161787	RUBBER HINGE 42"W CONVEYOR	1
8	161788	HINGE STRAP 42"W CONVEYOR	2
9	161789	PLASTIC LINER 42"W DOGLEG CONVEYOR	1
10	161830	CONVEYOR CHAIN HOLD DOWN	4
11	162022	PLASTIC GLIDE 42"W DOGLEG CONVEYOR	2
12	162024	PLASTIC LINER HOLD DOWN STRAP	1
13	162026	PLASTIC STRAP	1
14	162087	TAPPED TENSIONER BAR	2
15	162495	42W CONV IDLER SHAFT	1
16	162664	TENSION BRACKET - IDLER SPROCKET	2
17	320516	COUPLER CHAIN #50-2 RC x 16	1
18	330016	SPROCKET 81X 6-TOOTH NYLOIL INSERT	2
19	332606	COUPLER SPROCKET, 50B16 x 1"	2
20	340316	FLANGE BEARING 1" 4 BOLT RCJC	2
21	360015	HYDRAULIC MOTOR 17.9 CU IN.	1
22	400106	HEX NUT, 5/16"-18 SER. FLANGE #5 PLTD	12
23	400107	HEX NUT, 3/8"-16 SERRATED FLANGE #5	48
24	400115	HEX NUT, 5/8"-11 SER. FLANGE #5 PLTD	4
25	400610	HEX JAM NUT, 5/8"-11 #5 PLTD	2
26	401105	HEX NUT, 5/16"-18 NYLOC #5 PLTD	6
27	402004	SPRING LOCK WASHER 1/4" PLTD	4
28	402106	EXTERNAL STAR LOCKWASHER 3/8"	4
29	404214	PIN, 1/2" x 3",RECEIVER HITCH	2
30	405601	HHCS 1/4"-20 x 5/8" USS #5 PLTD.	4
31	405652	HHCS 3/8"-16 x 3/4" #5 PLTD	4
32	407020	CHCS 5/16"-18 x 3/4" #5 PLTD	12
33	407021	CHCS 5/16"-18 x 1" #5 PLTD	6
34	407039	CHCS 3/8"-16 x 3/4" #5 PLTD	40
35	407041	CHCS 3/8"-16 x 1-1/4" #5 PLTD	8
36	407411	SHOULDER BOLT, 5/8"-11 x 3/4" DIA x 3" LG	4
37	407476	HHCS 5/8"-11 x 5" FULL THREAD #5 PLTD	2
38	407912	HHCS 1/2"-13 x 1-1/4" SERRATED #5 PLTD	2
39	409916	WOODRUFF KEY 1/4" x 1"	1
40	860512	BASE CONVEYOR WA 42" WIDE	1
41	860513	CONVEYOR DRIVE SHAFT 42"W	1
42	860520	81X CONVEYOR CHAIN WA 42" x 79P	1
43	860521	VERTICAL DOGLEG CONVEYOR PAN WA	1
44	860612	CONVEYOR SHAFT COVER WA	1

# 745 - 865 INCLINE 42" SLIDE CONVEYOR

TRUCK & TRAILER #760172

For SERIAL #'s Prior to 810849997



# 745 - 865 INCLINE 42" SLIDE CONVEYOR

## TRUCK & TRAILER #760172

For SERIAL #'s Prior to 810849997

ITEM #	PART #	DESCRIPTION	QTY.
1	161508	PLASTIC IDLER	2
2	161762	DOGLEG EXTENSION BOLT-ON	1
3	161774	DRIVE CHAIN COVER	2
4	161777	CONVEYOR BOLT PLATE	1
5	161783	MOTOR MOUNT TUBE	1
6	161784	CLEANOUT DOOR 42"W CONVEYOR	1
7	161786	CONVEYOR MOUNT ANGLE	1
8	161787	RUBBER HINGE 42"W CONVEYOR	1
9	161788	HINGE STRAP 42"W CONVEYOR	2
10	161789	PLASTIC LINER 42"W DOGLEG CONVEYOR	1
11	161830	CONVEYOR CHAIN HOLD DOWN	4
12	162022	PLASTIC GLIDE 42"W DOGLEG CONVEYOR	2
13	162024	PLASTIC LINER HOLD DOWN STRAP	1
14	162026	PLASTIC STRAP	1
15	162074	TENSION BRACKET	2
16	162087	TAPPED TENSIONER BAR	2
17	320516	COUPLER CHAIN #50-2 RC x 16	1
18	332606	COUPLER SPROCKET, 50B16 x 1"	2
19	340316	FLANGE BEARING 1" 4 BOLT RCJC	2
20	360015	HYDRAULIC MOTOR 17.9 CU IN.	1
21	400106	HEX NUT, 5/16"-18 SERRATED FLANGE #5 PLTD	2
22	400107	HEX NUT, 3/8"-16 SERRATED FLANGE #5 PLTD	48
23	400115	HEX NUT, 5/8"-11 SERRATED FLANGE #5 PLTD	8
24	400610	HEX JAM NUT, 5/8"-11 #5 PLTD	2
25	401105	HEX NUT, 5/16"-18 NYLOC #5 PLTD	16
26	402004	SPRING LOCK WASHER 1/4" PLTD	4
27	402106	EXTERNAL STAR LOCKWASHER 3/8"	4
28	404210	CLIPP PIN 5/32" x 2.94 # 10	2
29	404214	PIN, 1/2" x 3",RECEIVER HITCH	2
30	405601	HHCS 1/4"-20 x 5/8" USS #5 PLTD.	4
31	405652	HHCS 3/8"-16 x 3/4" #5 PLTD	4
32	407020	CHCS 5/16"-18 x 3/4" #5 PLTD	2
33	407021	CHCS 5/16"-18 x 1" #5 PLTD	16
34	407039	CHCS 3/8"-16 x 3/4" #5 PLTD	40
35	407041	CHCS 3/8"-16 x 1-1/4" #5 PLTD	8
36	407411	SHOULDER BOLT, 5/8"-11 x 3/4" DIA x 3" LG	8
37	407476	HHCS 5/8"-11 x 5" FULL THREAD #5 PLTD	2
38	409916	WOODRUFF KEY 1/4" x 1"	2
39	860512	BASE CONVEYOR WA 42" WIDE	1
40	860513	CONVEYOR DRIVE SHAFT 42"W	1
41	860520	81X CONVEYOR CHAIN WA 42" x 79P	1
42	860521	VERTICAL DOGLEG CONVEYOR PAN WA	1
43	860538	SHAFT COVER WA	1



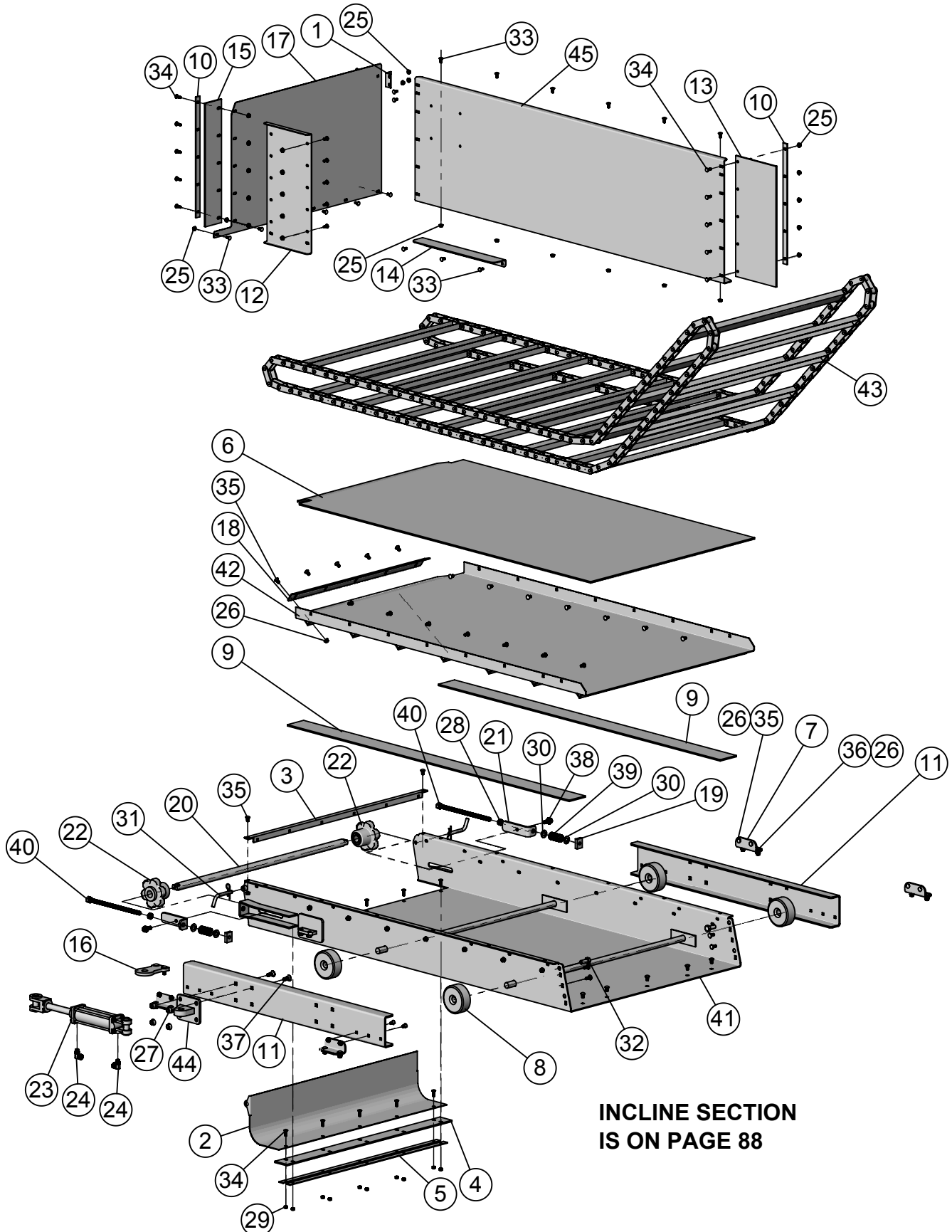
**745 - 865 TRAILER 42" WIDE  
INCLINE CONVEYOR SPOUT ASSEMBLY  
#660257**

ITEM #	PART #	DESCRIPTION	QTY.
%	%*%+)	GDC I HA 5; B 9H; I 5F8	%
&	%*%+*	D J C HD B ( & K ' 7 C B J 9 M C F ' GDC I H	%
'	' * ( \$ ' *	< M B F 5 I @ 7 ' 7 M @ B 8 9 F ' 9 ! % # & " ' I ' * " % ! % # ( " " 7 ! 7	%
(	' * , \$ % %	< M B F 5 I @ 7 : # H B ; ' % # ( " A D I ' % # ( " : D L ' - \$ , % # % * " C F :	&
)	( \$ % \$ *	< 9 L ' B I H Z ) # % * ' 1 % ' G 9 F F 5 H 8 : @ 5 B ; 9 ' ) ' D @ B	' +
*	( \$ % \$ (	< 9 L ' B I H B M C 7 ' % # ( ' 1 & \$ ' ) ' D @ B	%
+	( \$ & ( % &	: @ 5 H K 5 G < 9 F " # ( " D @ B	%
,	( \$ ( \$ \$ '	7 C H 9 F ' D B Z ' ) # & " ' I ' 9 ! % # ( " " D @ B	&
-	( \$ ) * \$ *	<< 7 G % # ( ' 1 & \$ ' 1 ' 9 ! % # & " ' ) ' D @ B	%
%\$	( \$ + \$ & \$	7 < 7 G ) # % * ' 1 % ' 1 ' # ( " ' ) ' D @ B	' )
%%	( \$ + \$ & %	7 < 7 G ) # % * ' 1 % ' 1 ' % ' ) ' D @ B	&
%&	+ , % & '	% # ( ' ' - \$ < M B ' < C G 9 ' 5 G G M % # ( ' A D	%
%	+ , % + % *	% # ( ' ' % \$ \$ < M B ' < C G 9 ' 5 G G M % # ( ' A D	%
%(	, ) \$ \$ ) '	GDC I H 7 M @ B 8 9 F @ ; ' K 5	%
%)	, * \$ ) , -	GDC I H 7 M @ B 8 9 F @ ; ' K 5	%
%*	, * \$ ) - \$	GDC I H 7 M @ B 8 9 F @ ; ' K 5 ' F C 8 ' 9 B 8	%
%+	, * \$ ) - '	GDC I H K 5 ( & K ' 7 C B J ' f H F 5 @ F L	%
%	, * \$ ) - (	GDC I H A C I B H K 5	%
%-	K % ) + & - '	A 5 ; B 9 H ' \$ ' C N	&

# 745 - 865 INCLINE ADJUSTABLE 42" CONVEYOR

Trailer #660260 - 118" long, #660261 - 136" long

For SERIAL #'s 810849997 thru Current



# 745 - 865 INCLINE ADJUSTABLE 42" CONVEYOR

Trailer #660260 - 118" long, #660261 - 136" long

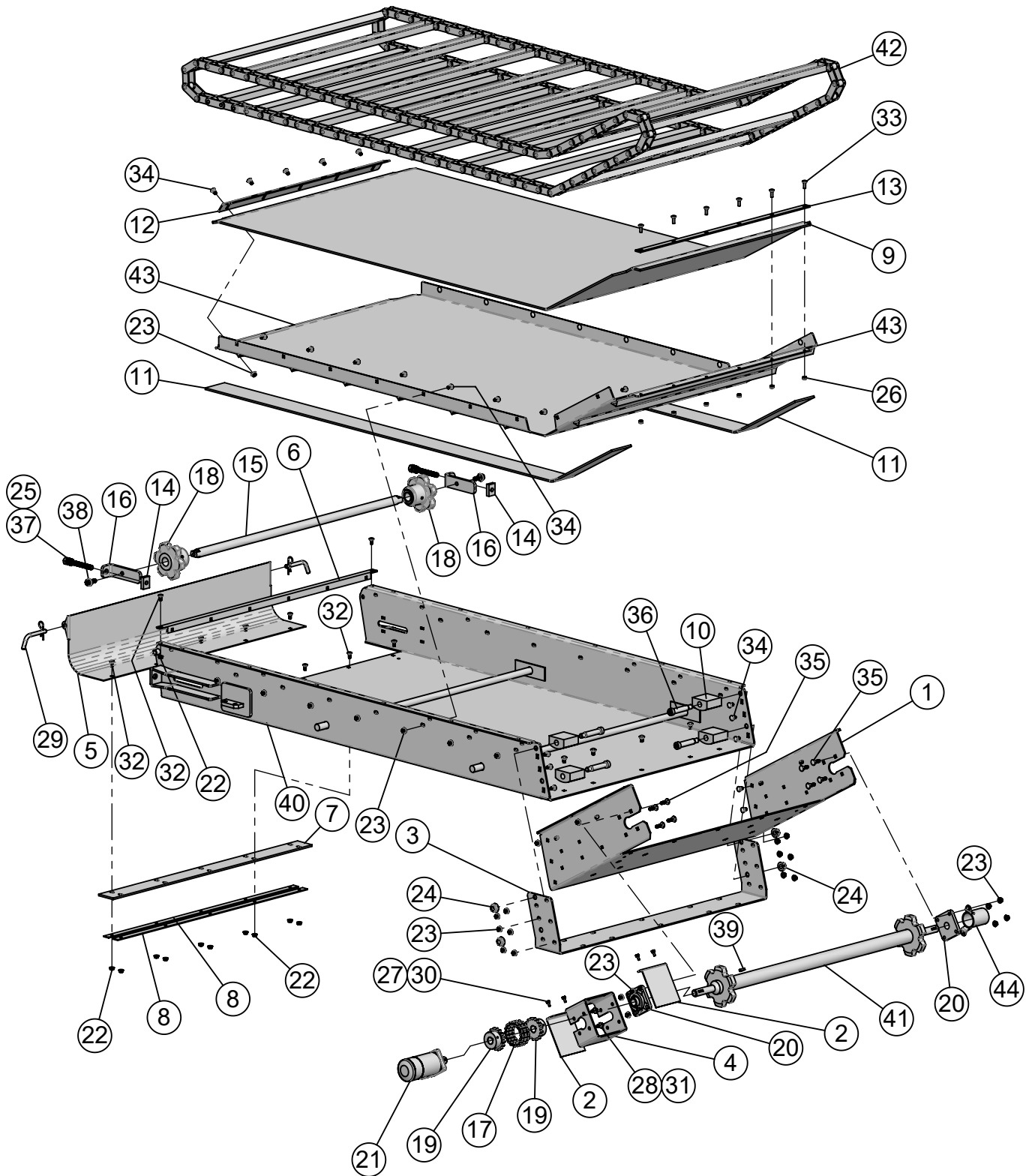
For SERIAL #'s 810849997 thru Current

ITEM #	PART #	DESCRIPTION	QTY.
1	161383	MOUNT ANGLE	1
2	161784	CLEANOUT DOOR 42"W CONVEYOR	1
3	161786	CONVEYOR MOUNT ANGLE	1
4	161787	RUBBER HINGE 42"W CONVEYOR	1
5	161788	HINGE STRAP 42"W CONVEYOR	2
6	161799	PLASTIC LINER 42"W ADJ CONVEYOR	1
7	161810	RAIL BOLT PLATE	4
8	161811	CONVEYOR SLIDE ROLLER	4
9	161863	CONVEYOR GLIDE STRIP	2
10	161867	RUBBER SUPPORT PLATE	2
11	161868	CONV SLIDE RAIL ADJ CONV	2
12	161872	CONVEYOR SIDE SHIELD	1
13	161873	CONVEYOR RUBBER FILLER	1
14	161874	CONVEYOR FLAT FILL PLATE	1
15	161875	RUBBER CONVEYOR SIDE FILLER	1
16	161940	SLIDE CYLINDER BOLT-ON LUG	1
17	161965	CONVEYOR LH SIDE SHIELD	1
18	162024	PLASTIC LINER HOLD DOWN STRAP	1
19	162087	TAPPED TENSIONER BAR	2
20	162495	42W CONV IDLER SHAFT	1
21	162664	TENSION BRACKET - IDLER SPROCKET	2
22	330016	SPROCKET 81X 6-TOOTH NYLOIL INSERT	2
23	364054	HYDRAULIC CYLINDER 2" x 6", 16-1/4" CC	1
24	368030	HYD SWIVEL 9/16"MOR x 3/8"FPS 90°	2
25	400106	HEX NUT, 5/16"-18 SER. FLANGE #5 PLTD	33
26	400107	HEX NUT, 3/8"-16 SERRATED FLANGE #5	37
27	400114	HEX NUT, 1/2"-13 SERRATED FLANGE #5	6
28	400610	HEX JAM NUT, 5/8"-11 #5 PLTD	2
29	401105	HEX NUT, 5/16"-18 NYLOC #5 PLTD	10
30	402510	FLAT WASHER 5/8" SAE PLTD	4
31	404214	PIN, 1/2" x 3",RECEIVER HITCH	2
32	405752	HHCS, 5/8"-11 x 1-1/2" #5 PLTD	2
33	407020	CHCS 5/16"-18 x 3/4" #5 PLTD	23
34	407021	CHCS 5/16"-18 x 1" #5 PLTD	20
35	407039	CHCS 3/8"-16 x 3/4" #5 PLTD	34
36	407040	CHCS 3/8"-16 x 1" #5 PLTD	12
37	407101	CHCS 1/2"-13 x 1-1/4" #5 PLTD	6
38	407912	HHCS 1/2"-13 x 1-1/4" SERRATED #5 PLTD	2
39	410017	DIE SPRING, 1-1/4" x 4"	2
40	860489	ALL THREAD WA	2
41	860512	BASE CONVEYOR WA 42" WIDE	1
42	860522	ADJUSTABLE CONVEYOR FLAT PAN WA 42"W	1
43	860523	81X CONVEYOR CHAIN WA 42" x 98P, 118 ADJ CONV	1
	860607	81X CONVEYOR CHAIN WA 42" x 110P, 136" ADJ CONV	1
44	860529	SLIDE CYLINDER LUG WA	1
45	860572	CONVEYOR FRONT SHIELD WA	1

# 745 - 865 INCLINE 42" SLIDE CONVEYOR

## TRUCK & TRAILER #760172

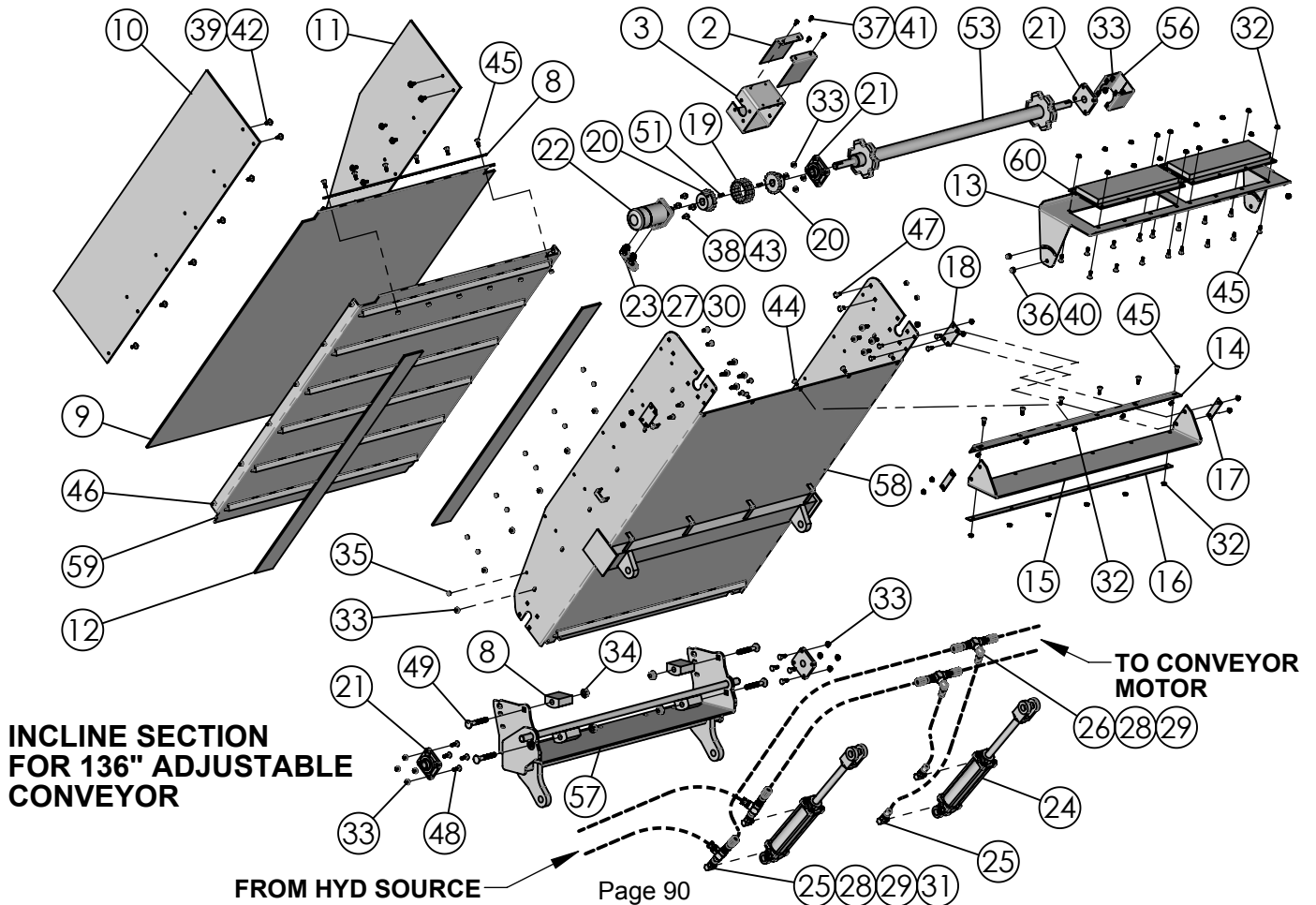
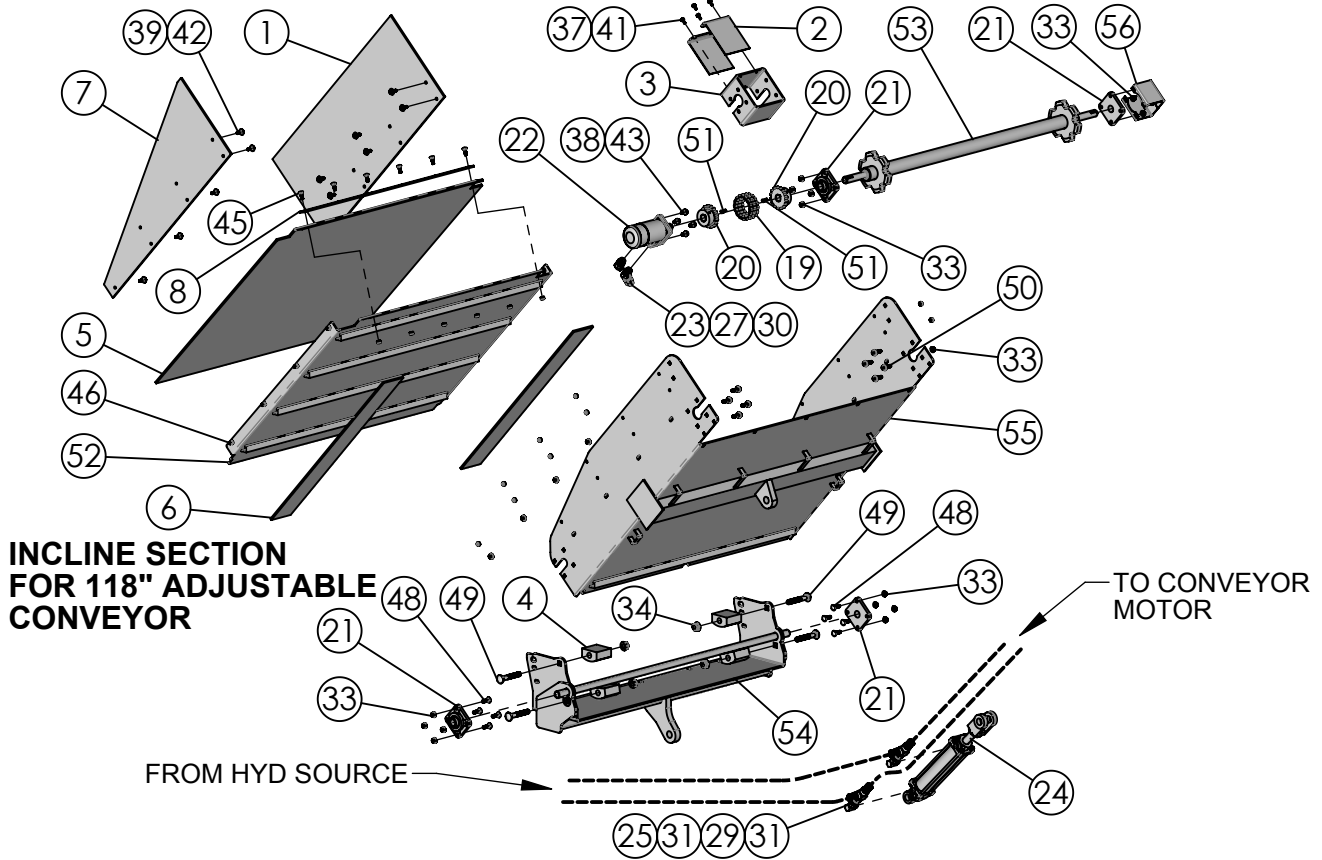
For SERIAL #'s 810849997 thru Current



**745 - 865 INCLINE 42" SLIDE CONVEYOR  
TRUCK & TRAILER #760172  
For SERIAL #'s 810849997 thru Current**

ITEM #	PART #	DESCRIPTION	QTY.
1	161762	DOGLEG EXTENSION BOLT-ON	1
2	161774	DRIVE CHAIN COVER	2
3	161777	CONVEYOR BOLT PLATE	1
4	161783	MOTOR MOUNT TUBE	1
5	161784	CLEANOUT DOOR 42"W CONVEYOR	1
6	161786	CONVEYOR MOUNT ANGLE	1
7	161787	RUBBER HINGE 42"W CONVEYOR	1
8	161788	HINGE STRAP 42"W CONVEYOR	2
9	161789	PLASTIC LINER 42"W DOGLEG CONVEYOR	1
10	161830	CONVEYOR CHAIN HOLD DOWN	4
11	162022	PLASTIC GLIDE 42"W DOGLEG CONVEYOR	2
12	162024	PLASTIC LINER HOLD DOWN STRAP	1
13	162026	PLASTIC STRAP	1
14	162087	TAPPED TENSIONER BAR	2
15	162495	42W CONV IDLER SHAFT	1
16	162664	TENSION BRACKET - IDLER SPROCKET	2
17	320516	COUPLER CHAIN #50-2 RC x 16	1
18	330016	SPROCKET 81X 6-TOOTH NYLOIL INSERT	2
19	332606	COUPLER SPROCKET, 50B16 x 1"	2
20	340316	FLANGE BEARING 1" 4 BOLT RCJC	2
21	360015	HYDRAULIC MOTOR 17.9 CU IN.	1
22	400106	HEX NUT, 5/16"-18 SER. FLANGE #5 PLTD	12
23	400107	HEX NUT, 3/8"-16 SERRATED FLANGE #5	48
24	400115	FLANGE NUT, 5/8-11 SERRATED	4
25	400610	HEX JAM NUT 5/8"-11 #5 Pltd	2
26	401105	HEX NUT, 5/16"-18 NYLOC #5 PLTD	6
27	402004	WASHER, SPRING LOCK 1/4" PLTD	4
28	402106	EXTERNAL STAR LOCKWASHER 3/8"	4
29	404214	PIN, 1/2" x 3",RECEIVER HITCH	2
30	405601	HHCS 1/4"-20 x 5/8" USS #5 PLTD.	4
31	405652	HHCS 3/8"-16 x 3/4" #5 PLTD	4
32	407020	CHCS 5/16"-18 x 3/4" #5 PLTD	12
33	407021	CHCS 5/16"-18 x 1" #5 PLTD	6
34	407039	CHCS 3/8"-16 x 3/4" #5 PLTD	40
35	407041	CHCS 3/8"-16 x 1-1/4" #5 PLTD	8
36	407411	SHOULDER BOLT, 5/8"-11 x 3/4" DIA x 3" LG	4
37	407476	HHCS 5/8"-11 x 5" FULL THREAD #5 PLTD	2
38	407912	HHCS 1/2"-13 x 1-1/4" SERR #5 PLTD	2
39	409916	WOODRUFF KEY 1/4" x 1"	1
40	860512	BASE CONVEYOR WA 42" WIDE	1
41	860513	CONVEYOR DRIVE SHAFT 42"W	1
42	860520	81X CONVEYOR CHAIN WA 42" x 79P	1
43	860521	VERTICAL DOGLEG CONVEYOR PAN WA	1
44	860612	CONVEYOR SHAFT COVER WA	1

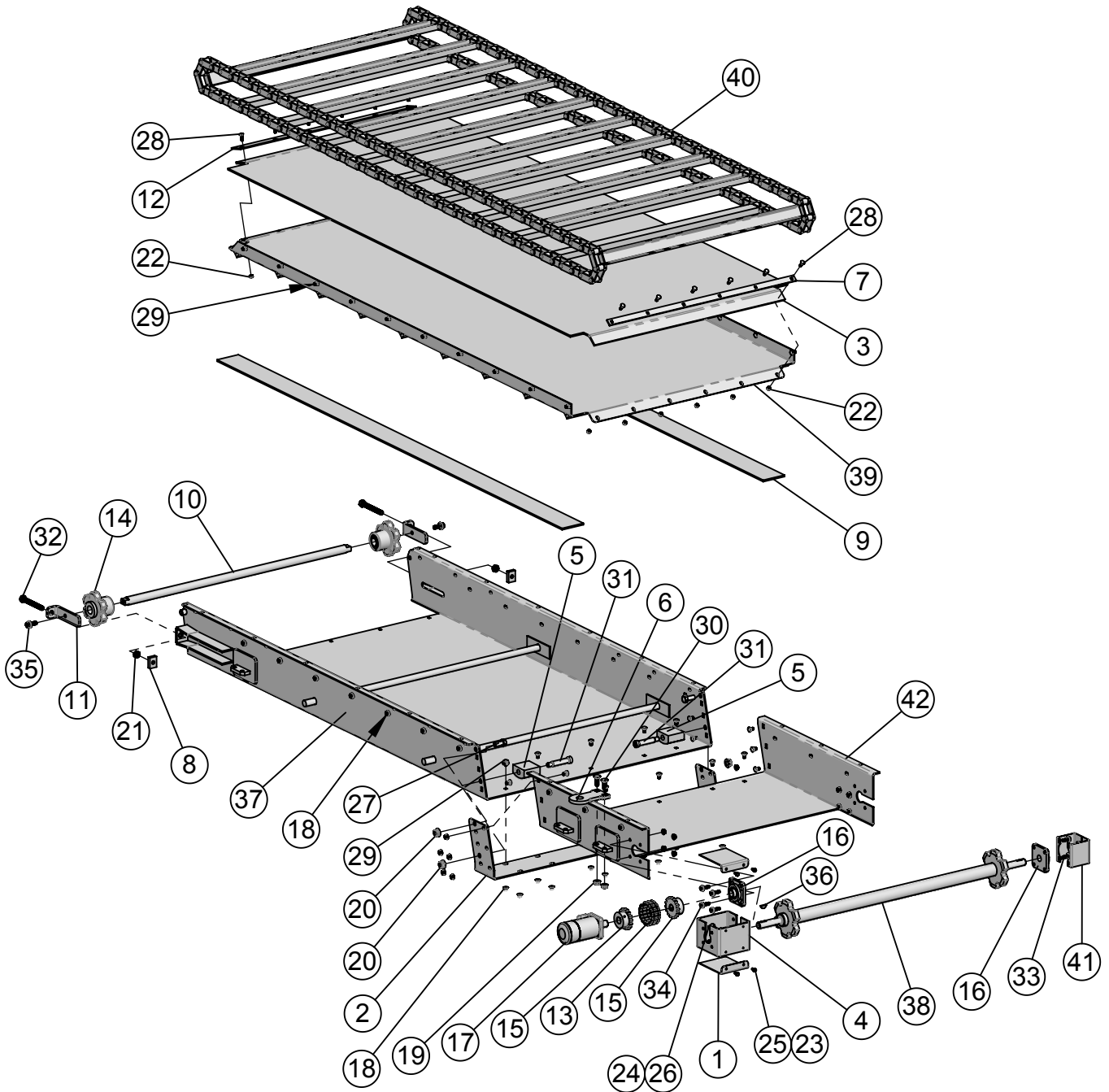
# 745-865 TRAILER ADJUSTABLE 42" WIDE INCLINE SECTION



# 745-865 TRAILER ADJUSTABLE 42" WIDE INCLINE SECTION

ITEM #	PART #	DESCRIPTION	QTY.
1	161532	CONVEYOR EXTENSION	1
2	161774	DRIVE CHAIN COVER	4
3	161783	MOTOR MOUNT TUBE	2
4	161830	CONVEYOR CHAIN HOLD DOWN	8
5	161864	PLASTIC LINER 42"W ADJ CONVEYOR	1
6	161865	CONVEYOR GLIDE STRIP	2
7	161871	CONVEYOR EXTENSION	1
8	162026	PLASTIC STRAP	2
9	162090	PLASTIC LINER 42"W 58"L ADJ CONV	1
10	162091	CONVEYOR EXTENSION FRONT	1
11	162092	CONVEYOR EXTENSION REAR	1
12	162093	CONV GLIDE STRIP 4" x 53-1/8"	2
13	162126	MAGNET BAFFLE 42"W CONV	1
14	162139	CONVEYOR RUBBER BOLT PLATE	1
15	162140	42" CONVEYOR SPOUT RUBBER	1
16	162141	CONV RUBBER BACK UP PLATE	1
17	188304	CONVEYOR SPOUT RUBBER BAR - 4"	2
18	188418	SPOUT RUBBER SIDE BAR - 4"	2
19	320516	COUPLER CHAIN #50-2 RC x 16	2
20	332606	COUPLER SPROCKET, 50B16 x 1"	4
21	340316	FLANGE BEARING 1" 4 BOLT RCJC	8
22	360015	HYDRAULIC MOTOR 17.9 CU IN.	2
23	362240	CHECK VALVE 1/2" FP x 1/2" FP	2
24	364054	HYDRAULIC CYLINDER 2" x 6", 16-1/4" CC	AN
25	368007	HYDRAULIC ADAPTER 3/8"MP x 3/8"FPX 90° .109 orifice	6
26	368028	HYD SWIVEL 90° 1/2"MP x 3/8"FP	2
27	368052	HYDRAULIC FITTING 7/8"MOR x 1/2"FPX 45°	4
28	368111	STRAIGHT ADAPTER 1/2" x 1/2"FP SWIVEL	12
29	368609	TEE 1/2"FP x 1/2"FP x 1/2"FP	6
30	368642	HEX NIPPLE 1/2" x 1/2" MP	2
31	368680	STRAIGHT ADAPTOR 1/2" MP x 3/8" MP	4
32	400106	HEX NUT, 5/16"-18 SER. FLANGE #5 PLTD	35
33	400107	HEX NUT, 3/8"-16 SERRATED FLANGE #5	52
34	400115	HEX NUT, 5/8"-11 SER. FLANGE #5 PLTD	8
35	401105	HEX NUT, 5/16"-18 NYLOC #5 PLTD	48
36	401106	HEX NUT, 3/8"-16 NYLOC #5 PLTD	4
37	402004	SPRING LOCK WASHER 1/4" PLTD	8
38	402106	EXTERNAL STAR LOCKWASHER 3/8"	8
39	402405	FLAT WASHER 5/16" MED PLTD	36
40	402506	FLAT WASHER 3/8" SAE PLTD	4
41	405601	HHCS 1/4"-20 x 5/8" USS #5 PLTD.	8
42	405628	HHCS 5/16"-18 x 1" #5 PLTD	36
43	405652	HHCS 3/8"-16 x 3/4" #5 PLTD	8
44	407020	CHCS 5/16"-18 x 3/4" #5 PLTD	9
45	407021	CHCS 5/16"-18 x 1" #5 PLTD	38
46	407039	CHCS 3/8"-16 x 3/4" #5 PLTD	20
47	407040	CHCS 3/8"-16 x 1" #5 PLTD	4
48	407041	CHCS 3/8"-16 x 1-1/4" #5 PLTD	16
49	407128	CHCS 5/8" x 4" #5 PLTD	8
50	407904	HHCS 3/8"-16 x 1-1/4" SERRATED #5 PLTD	16
51	409916	WOODRUFF KEY 1/4" x 1"	4
52	860515	ADJUSTABLE CONVEYOR PAN WA 42"W x 39"L	1
53	860524	CONVEYOR DRIVE SHAFT 42"W ADJ	2
54	860525	PIVOT PLATE WA 42"W x 39"L	1
55	860526	PIVOTING CONVEYOR WA 42"W x 39"L	1
56	860538	SHAFT COVER WA	2
57	860604	PIVOT PLATE WA 42"W x 58"L	1
58	860605	PIVOTING CONVEYOR WA 42"W x 58"L	1
59	860606	ADJUSTABLE CONV PAN WA 42"W x 58"L	1
60	W157293	MAGNET 30 OZ	2

**745 - 865 FLAT 42" CONVEYOR  
TRUCK & TRAILER #760171  
CONTINUED FROM PREVIOUS PAGE  
For SERIAL #'s 810849997 thru Current**

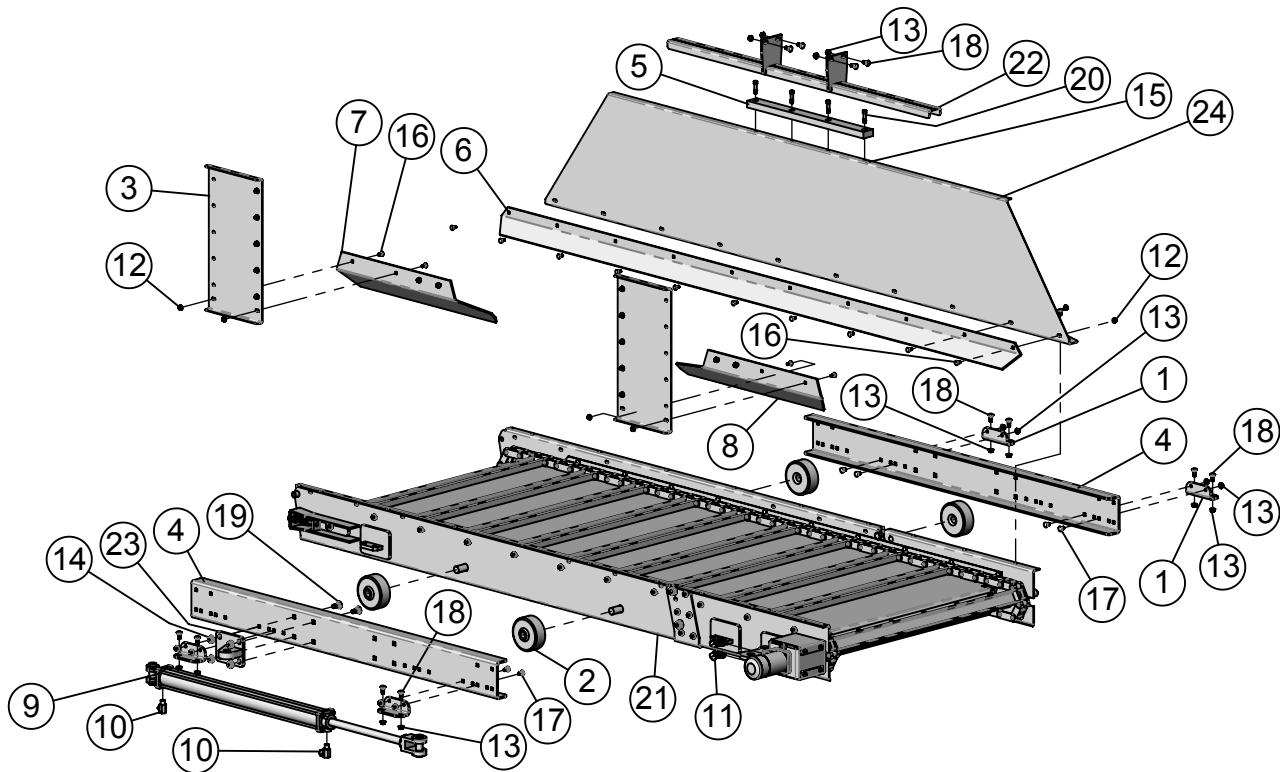


## 745 - 865 FLAT 42" CONVEYOR TRUCK & TRAILER #760171

ITEM #	PART #	DESCRIPTION	QTY.
1	161774	DRIVE CHAIN COVER	2
2	161777	CONVEYOR BOLT PLATE	1
3	161780	PLASTIC LINER FLAT CONV	1
4	161783	MOTOR MOUNT TUBE	1
5	161830	CONVEYOR CHAIN HOLD DOWN	2
6	161940	SLIDE CYLINDER BOLT-ON LUG	1
7	162026	PLASTIC STRAP	1
8	162087	TAPPED TENSIONER BAR	2
9	162094	PLASTIC GLIDE 42"W FLAT CONVEYOR	2
10	162495	42W CONV IDLER SHAFT	1
11	162664	TENSION BRACKET - IDLER SPROCKET	2
12	162718	PLASTIC STRAP - FLAT CONV	1
13	320516	COUPLER CHAIN #50-2 RC x 16	1
14	330016	SPROCKET 81X 6-TOOTH NYLOIL INSERT	2
15	332606	COUPLER SPROCKET, 50B16 x 1"	2
16	340316	FLANGE BEARING 1" 4 BOLT RCJC	2
17	360015	HYDRAULIC MOTOR 17.9 CU IN.	1
18	400107	HEX NUT, 3/8"-16 SERRATED FLANGE #5	48
19	400114	HEX NUT, 1/2-13 SERRATED FLANGE #5	2
20	400115	HEX NUT, 5/8"-11 SER. FLANGE #5 PLTD	4
21	400610	HEX JAM NUT, 5/8"-11 #5 PLTD	2
22	401105	HEX NUT, 5/16"-18 NYLOC #5 PLTD	12
23	402004	SPRING LOCK WASHER 1/4" PLTD	4
24	402106	EXTERNAL STAR LOCKWASHER 3/8"	4
25	405601	HHCS 1/4"-20 x 5/8" USS #5 PLTD.	4
26	405652	HHCS 3/8"-16 x 3/4" #5 PLTD	4
27	405752	HHCS, 5/8"-11 x 1-1/2" #5 PLTD	2
28	407021	CHCS 5/16"-18 x 1" #5 PLTD	12
29	407039	CHCS 3/8"-16 x 3/4" #5 PLTD	40
30	407102	CHCS 1/2"-13 x 1-1/2" #5 PLTD	2
31	407411	SHOULDER BOLT, 5/8"-11 x 3/4" DIA x 3" LG	2
32	407476	HHCS 5/8"-11 x 5" FULL THREAD #5 PLTD	2
33	407901	HHCS 3/8"-16 X 1" SERRATED #5 PLTD	4
34	407904	HHCS 3/8"-16 x 1-1/4" SERRATED #5 PLTD	4
35	407912	HHCS 1/2"-13 x 1-1/4" SERRATED #5 PLTD	2
36	409916	WOODRUFF KEY 1/4" x 1"	1
37	860512	BASE CONVEYOR WA 42" WIDE	1
38	860513	CONVEYOR DRIVE SHAFT 42"W	1
39	860516	CONVEYOR PAN WA	1
40	860517	81X CONVEYOR CHAIN WA 42" x 82P	1
41	860538	SHAFT COVER WA	1
42	860565	FLAT CONVEYOR EXTENSION WA	1

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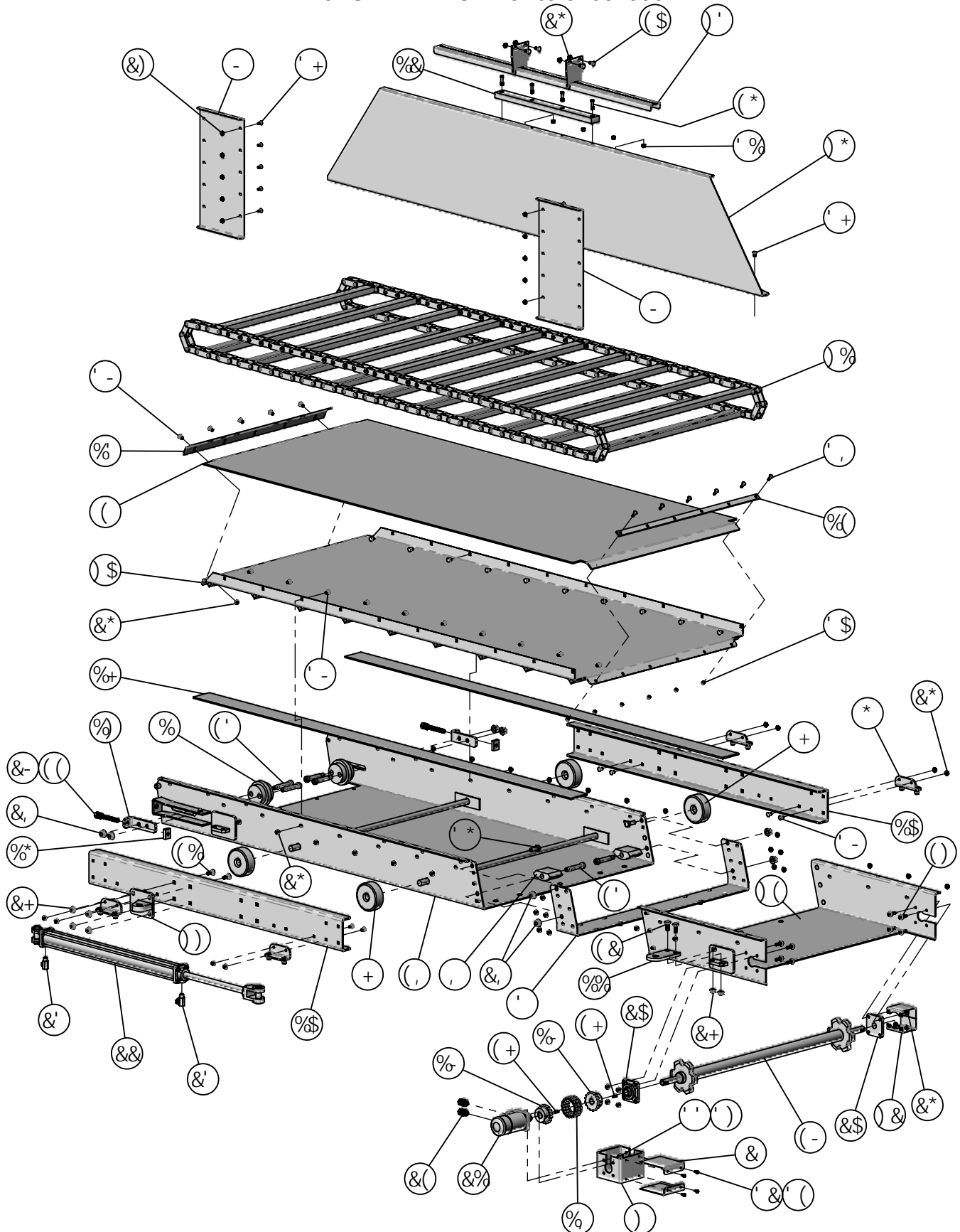
**745 - 865 FLAT 42" CONVEYOR  
TRUCK - #660388, TRAILER - #660259  
For SERIAL #'s 810849997 thru Current**



ITEM #	PART #	DESCRIPTION	QTY.
1	161810	RAIL BOLT PLATE	4
2	161811	CONVEYOR SLIDE ROLLER	4
3	161872	CONVEYOR SIDE SHIELD	2
4	161934	CONVEYOR SLIDE RAIL FLAT & DOGLEG	2
5	161944	PLASTIC SLIDE RAIL	1
6	162713	FRONT CONVEYOR PLASTIC - VERT 42W	1
7	162714	LEFT REAR CONVEYOR PLASTIC - 42W VERT	1
8	162715	RIGHT REAR CONVEYOR PLASTIC - 42W VERT	1
9	364076	HYDRAULIC CYLINDER 2" x 30", 40-1/4" C-C	1
10	368007	HYDRAULIC ADAPTER 3/8"MP x 3/8"FPX 90° .109 orifice	2
11	368052	HYD FITTING 7/8"MOR x 1/2"FPX 45°	2
12	400106	HEX NUT, 5/16"-18 SER. FLANGE #5 PLTD	37
13	400107	HEX NUT, 3/8"-16 SERRATED FLANGE #5	20
14	400114	HEX NUT, 1/2-13 SERRATED FLANGE #5	4
15	401106	HEX NUT, 3/8"-16 NYLOC #5 PLTD	4
16	407020	CHCS 5/16"-18 x 3/4" #5 PLTD	37
17	407039	CHCS 3/8"-16 x 3/4" #5 PLTD	8
18	407040	CHCS 3/8"-16 x 1" #5 PLTD	12
19	407101	CHCS 1/2"-13 x 1-1/4" #5 PLTD	4
20	409001	SHCS, 3/8" x 1-1/2" #5 PLTD	4
21	760171	VERTICAL CONVEYOR ASSY FLAT SLIDING (Break down on prior page)	1
22	860563	FRONT SHIELD SUPPORT CHANNEL	1
23	860597	SLIDE CYL LUG WA	1
24	860602	CONV FRT SHLD FLAT SLIDING	1

# 745 - 865 TRUCK & TRAILER FLAT 42" WIDE CONVEYOR ASSEMBLY

TRUCK - #660388, TRAILER - #660259  
For SERIAL #'s Prior to 810849997

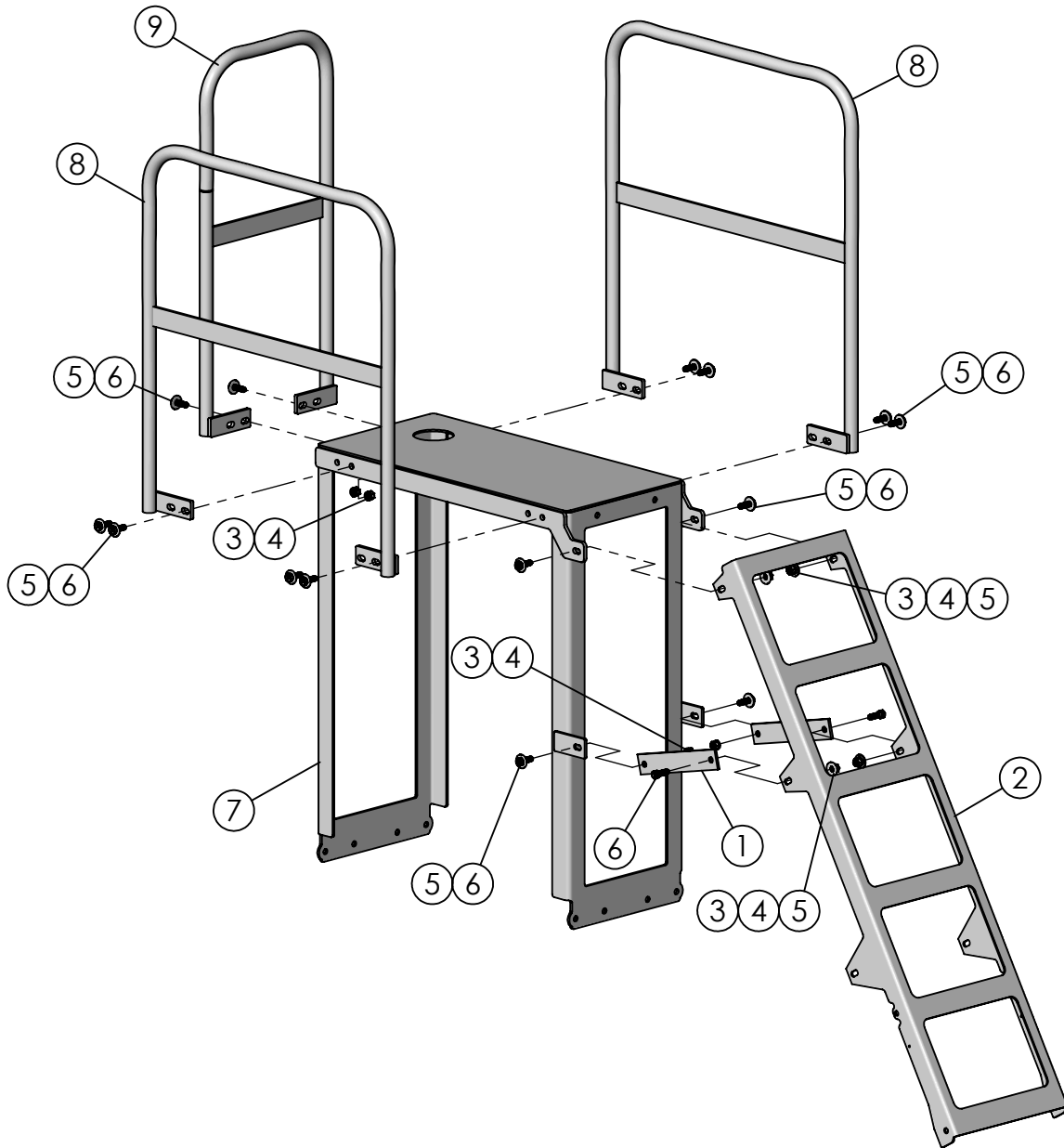


## 745 - 865 TRUCK & TRAILER FLAT 42" WIDE CONVEYOR ASSEMBLY

ITEM #	PART #	DESCRIPTION	QTY.
1	161508	PLASTIC IDLER	2
2	161774	DRIVE CHAIN COVER	2
3	161777	CONVEYOR BOLT PLATE	1
4	161780	PLASTIC LINER FLAT CONV	1
5	161783	MOTOR MOUNT TUBE	1
6	161810	RAIL BOLT PLATE	4
7	161811	CONVEYOR SLIDE ROLLER	4
8	161830	CONVEYOR CHAIN HOLD DOWN	2
9	161872	CONVEYOR SIDE SHIELD	2
10	161934	CONVEYOR SLIDE RAIL FLAT & DOGLEG	2
11	161940	SLIDE CYLINDER BOLT-ON LUG	1
12	161944	PLASTIC SLIDE RAIL	1
13	162024	PLASTIC LINER HOLD DOWN STRAP	1
14	162026	PLASTIC STRAP	1
15	162074	TENSION BRACKET	2
16	162087	TAPPED TENSIONER BAR	2
17	162094	PLASTIC GLIDE 42"W FLAT CONVEYOR	2
18	320516	COUPLER CHAIN #50-2 RC x 16	1
19	332606	COUPLER SPROCKET, 50B16 x 1"	2
20	340316	FLANGE BEARING 1" 4 BOLT RCJC	2
21	360015	HYDRAULIC MOTOR 17.9 CU IN.	1
22	364076	HYDRAULIC CYLINDER 2" x 30", 40-1/4" C-C	1
23	368007	HYDRAULIC FITTING 3/8"MP x 3/8"FPX 90°, .109" ORFICE	2
24	368118	HYD STRAIGHT ADAPTER 7/8"MOB x 1/2" FP SWIVEL	2
25	400106	HEX NUT, 5/16"-18 SERRATED FLANGE #5 PLTD	19
26	400107	HEX NUT, 3/8"-16 SERRATED FLANGE #5 PLTD	71
27	400114	HEX NUT, 1/2"-13 SERRATED FLANGE #5 PLTD	6
28	400115	HEX NUT, 5/8"-11 SERRATED FLANGE #5 PLTD	8
29	400610	HEX JAM NUT, 5/8"-11 #5 PLTD	2
30	401105	HEX NUT, 5/16"-18 NYLOC #5 PLTD	6
31	401106	HEX NUT, 3/8"-16 NYLOC #5 PLTD	4
32	402004	SPRING LOCK WASHER 1/4" PLTD	4
33	402106	EXTERNAL STAR LOCKWASHER 3/8"	4
34	405601	HHCS 1/4"-20 x 5/8" USS #5 PLTD.	4
35	405652	HHCS 3/8"-16 x 3/4" #5 PLTD	4
36	405752	HHCS 5/8"-11 x 1-1/2" #5 PLTD	2
37	407020	CHCS 5/16"-18 x 3/4" #5 PLTD	19
38	407021	CHCS 5/16"-18 x 1" #5 PLTD	6
39	407039	CHCS 3/8"-16 x 3/4" #5 PLTD	51
40	407040	CHCS 3/8"-16 x 1" #5 PLTD	12
41	407101	CHCS 1/2"-13 x 1-1/4" #5 PLTD	4
42	407102	CHCS 1/2"-13 x 1-1/2" #5 PLTD	2
43	407411	SHOULDER BOLT, 5/8"-11 x 3/4" DIA x 3" LG	6
44	407476	HHCS 5/8"-11 x 5" FULL THREAD #5 PLTD	2
45	407904	HHCS 3/8"-16 x 1-1/4" SERRATED #5 PLTD	8
46	409001	SHCS, 3/8" x 1-1/2" #5 PLTD	4
47	409916	WOODRUFF KEY 1/4" x 1"	2
48	860512	BASE CONVEYOR WA 42" WIDE	1
49	860513	CONVEYOR DRIVE SHAFT 42"W	1
50	860516	CONVEYOR PAN WA	1
51	860517	81X CONVEYOR CHAIN WA 42" x 82P	1
52	860538	SHAFT COVER WA	1
53	860563	FRONT SHIELD SUPPORT CHANNEL	1
54	860565	FLAT CONVEYOR EXTENSION WA	1
55	860597	SLIDE CYL LUG WA	1
56	860602	CONV FRT SHLD FLAT SLIDING	1

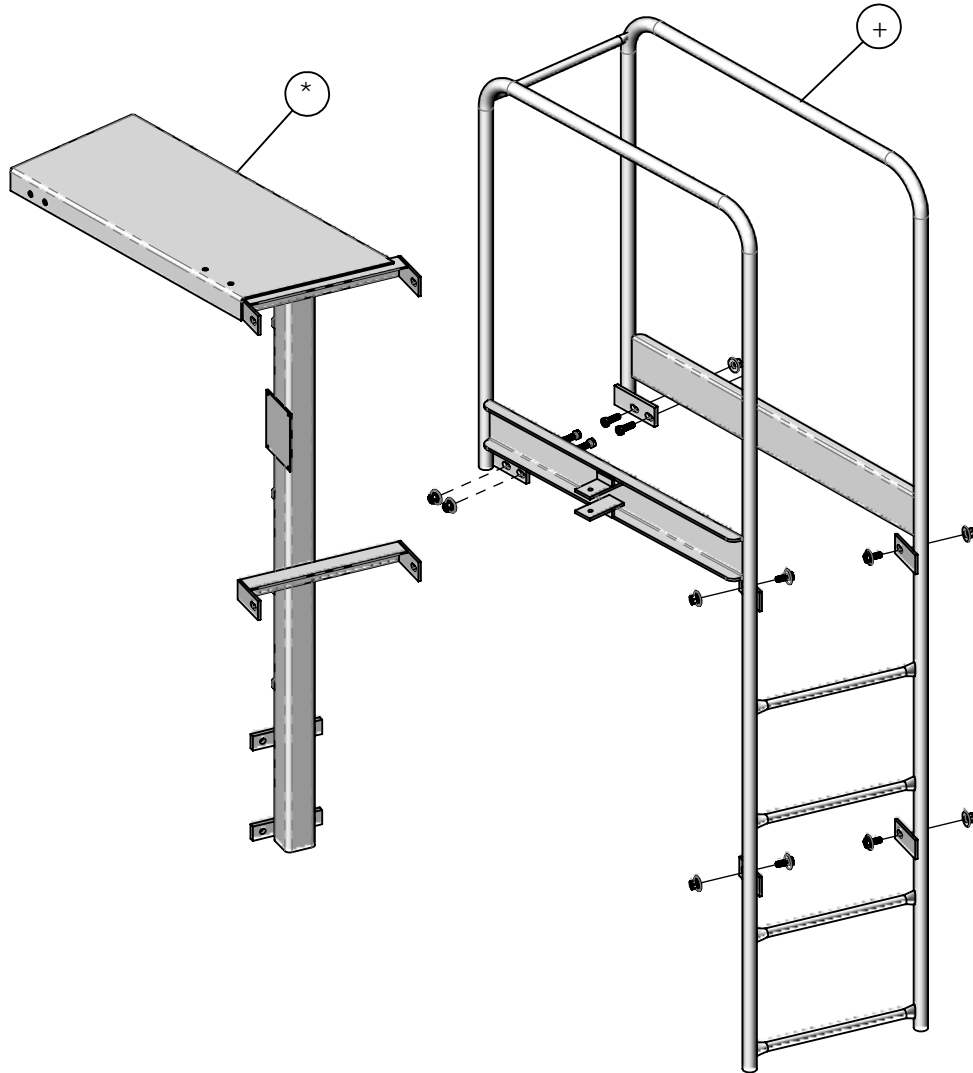
# 745 - 865, TRUCK PLATFORM ASSEMBLY

(Prior to 2013) #770509



ITEM #	PART #	DESCRIPTION	QTY.
1	171452	LADDER BAR	2
2	190983	LADDER, FORMED 6 RUNG	1
3	400208	HEX NUT 1/2"-13 #5 PLTD	16
4	402008	SPRING LOCK WASHER 1/2" PLTD	16
5	402408	WASHER, FLAT 1/2" MED PLTD	18
6	405703	HHCS 1/2"-13 x 1-1/2" #5 PLTD	16
7	872607	TRUCK PLATFORM W.A.	1
8	872608	HANDRAIL W.A.	2
9	872745	END HAND RAIL W.A.	1

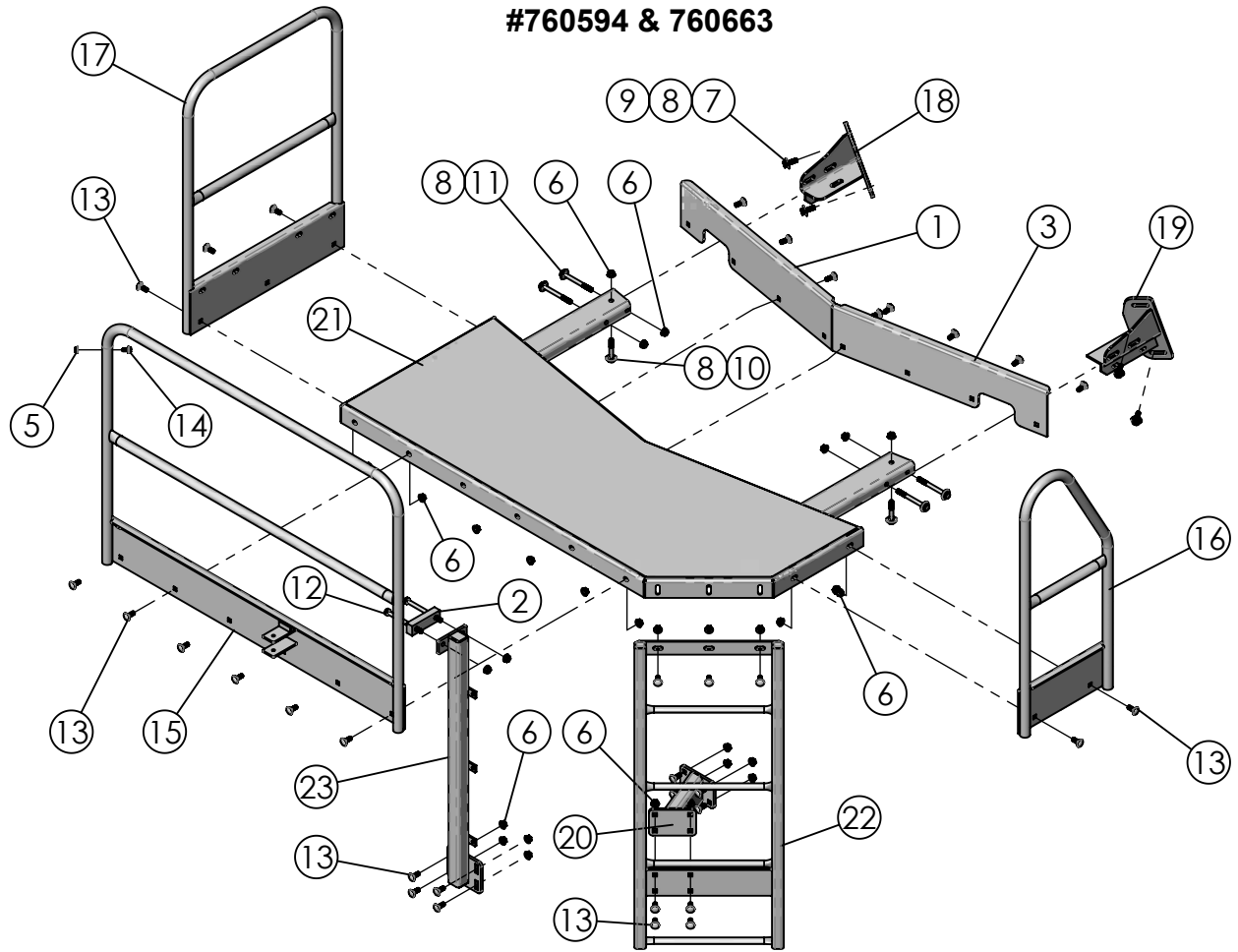
# 745 - 865, 30" WIDE CONVEYOR TRAILER PLATFORM ASSEMBLY #760140



ITEM #	PART #	DESCRIPTION	QTY.
1	400208	HEX NUT 1/2"-13 #5 PLTD	8
2	402008	SPRING LOCK WASHER 1/2" PLTD	8
3	402408	FLAT WASHER 1/2" MED PLTD	12
4	405702	HHCS 1/2"-13 x 1-1/4" #5 PLTD	4
5	405703	HHCS 1/2"-13 x 1-1/2" #5 PLTD	4
6	860423	STAND TUBE W. A.	1
7	860442	745/865 LADDER W.A.	1

# 745 - 865, 42" WIDE CONVEYOR TRAILER & TRUCK PLATFORM ASSEMBLY

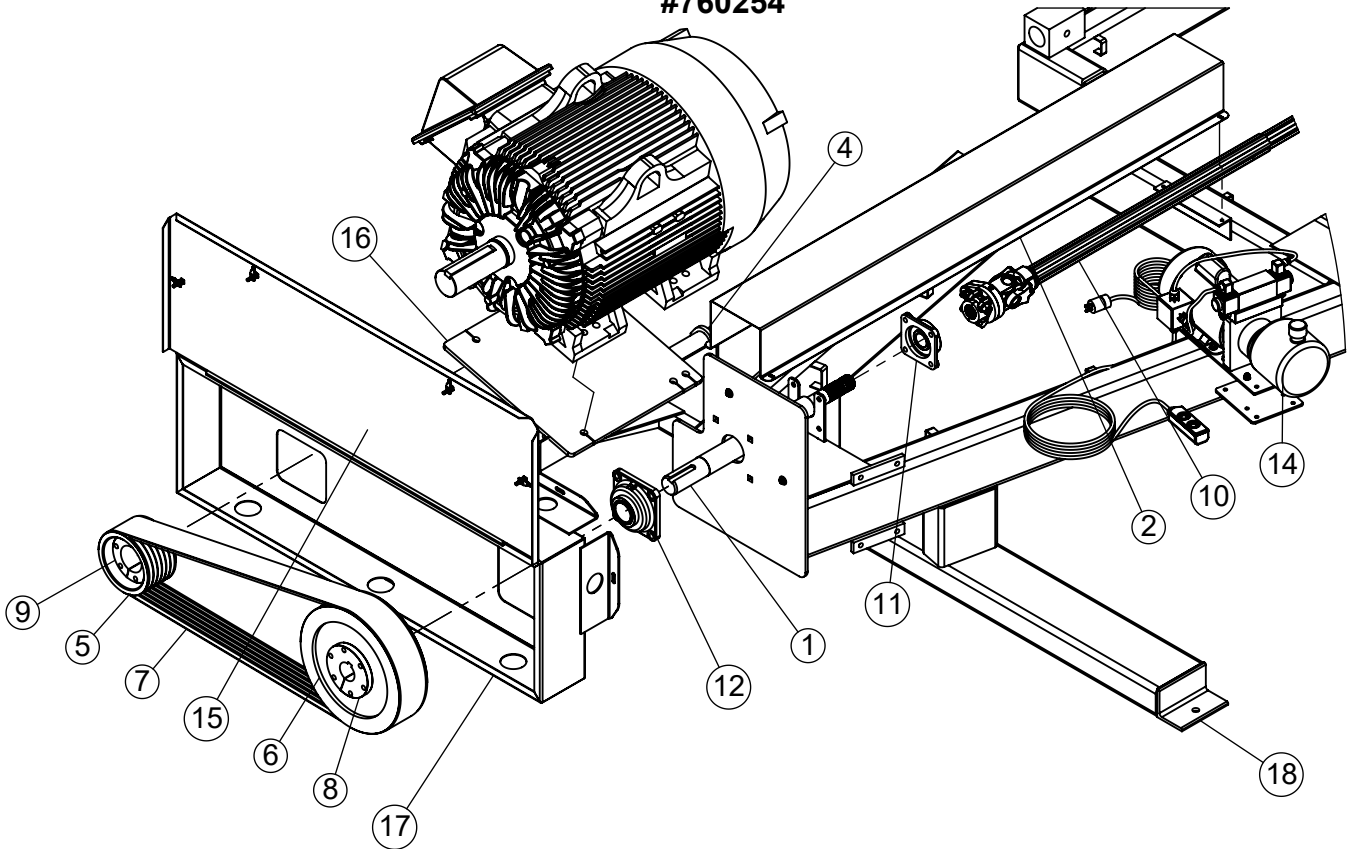
#760594 & 760663



ITEM #	PART #	DESCRIPTION	QTY.
1	161908	KICKBOARD RH REAR	1
2	161926	SPACER PLATE	1
3	162071	KICKBOARD LH REAR	1
4	310954	CAPLUG-RIBBED-SQ 1-1/4" x 1.175"	2
5	400107	HEX NUT, 3/8"-16 SERRATED FLANGE #5	1
6	400114	HEX NUT, 1/2"-13 SERRATED FLANGE #5	42
7	402008	SPRING LOCK WASHER 1/2" PLTD	4
8	402408	WASHER, FLAT 1/2" MED PLTD	10
9	405703	HHCS 1/2"-13 x 1-1/2" #5 PLTD	4
10	405709	HHCS 1/2"-13 x 3" #5 PLTD	2
11	405715	HHCS 1/2"-13 x 5" #5 PLTD	4
12	405717	HHCS 1/2"-13 x 6" #5 PLTD	2
13	407101	CHCS 1/2"-13 x 1-1/4" #5 PLTD	34
14	407900	HHCS 3/8"-16 x 3/4" SERRATED #5 PLTD	1
15	860543	FRONT HANDRAIL - TRL	1
	860580	FRONT HANDRAIL - TRUCK	1
16	860544	HANDRAIL LH	1
17	860545	RH HANDRAIL TRAILER	1
18	860547	FRONT RH PLATFORM SUPPORT	1
19	860548	FRONT LH PLATFORM SUPPORT	1
20	860549	PLATFORM MOUNT WA - VERT	1
21	860566	PLATFORM WA 745 TRAILER	1
22	860568	LADDER WA 625/745 TRAILER	1
23	860571	PLATFORM SUPPORT TUBE WA	1

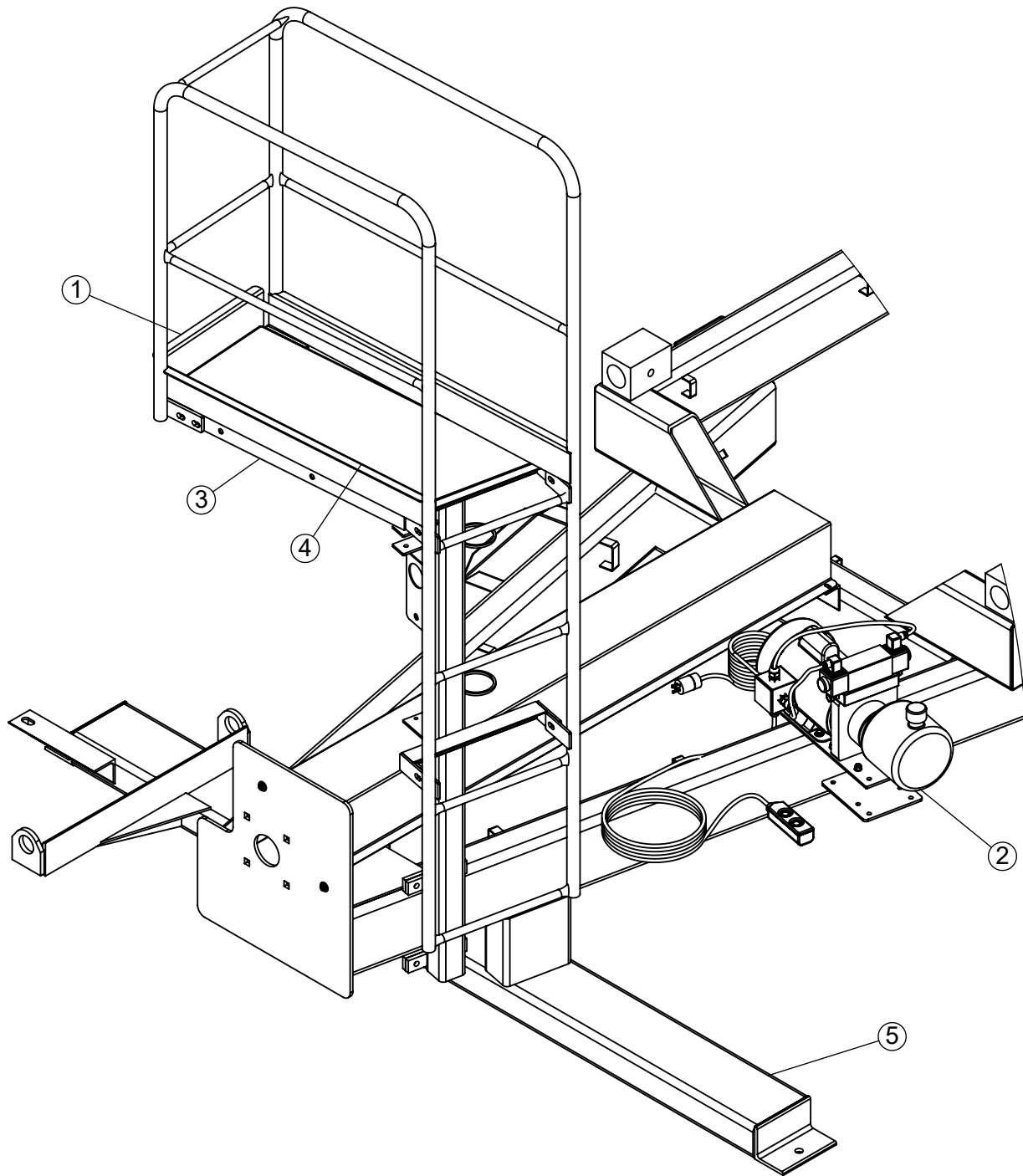
# 745 - 865 STATIONARY ELECTRIC DRIVE ASSEMBLY

#760254



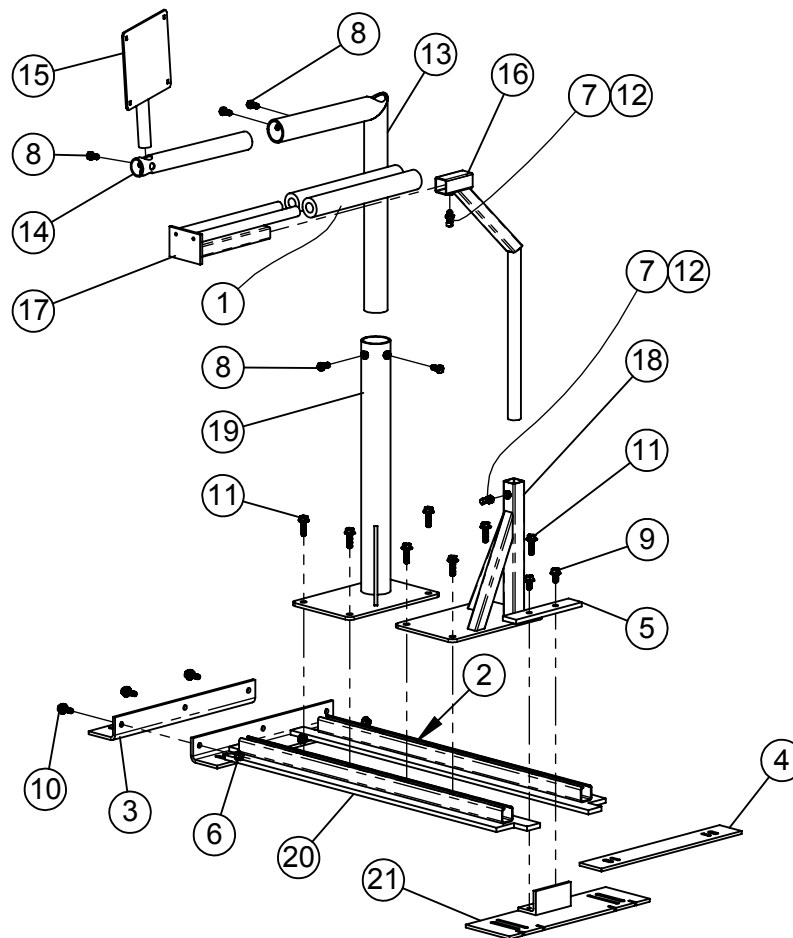
ITEM#	PART#	DESCRIPTION	QTY.
1	163579	STATIONARY JACKSHAFT	1
2	163582	STAT DRIVELINE SHIELD	1
3	185106	ALL THREAD ADJUST, 8-3/4"	1
4	185948	MOTOR PIVOT TUBE 31-1/2"	1
5	324055	5V-6 GROOVE SHEAVE 8.0" E	1
6	324056	5V-6 GROOVE SHEAVE 16.0" F	1
7	325409	V-BELT POWERBAND 6/5VX-1120	1
8	336141	QD BUSHING, F x 2 3/8"	1
9	336147	QD BUSHING, E x 3-3/8"	1
10	338038	DRIVE SHAFT, W2500 W/SHEAR 396993	1
11	340427	1 3/4" - 4 BOLT FLANGE BRG F3W228U	1
12	340439	BEARING, 2 7/16" FLANGE, RCJC	1
13	351056	RUBBER BULB SEAL 5/32"	1
14	750129	115VAC HYD POWER UNIT	1
15	760066	BELT SHIELD DOOR ASSY	1
16	860215	125/150HP MOTOR PLATE WA	1
17	860911	ELEC BELT SHIELD WA	1
18	860910	745/865 STA SCALE FRAME WA	1

# 745 - 865 STATIONARY PLATFORM ASSEMBLY



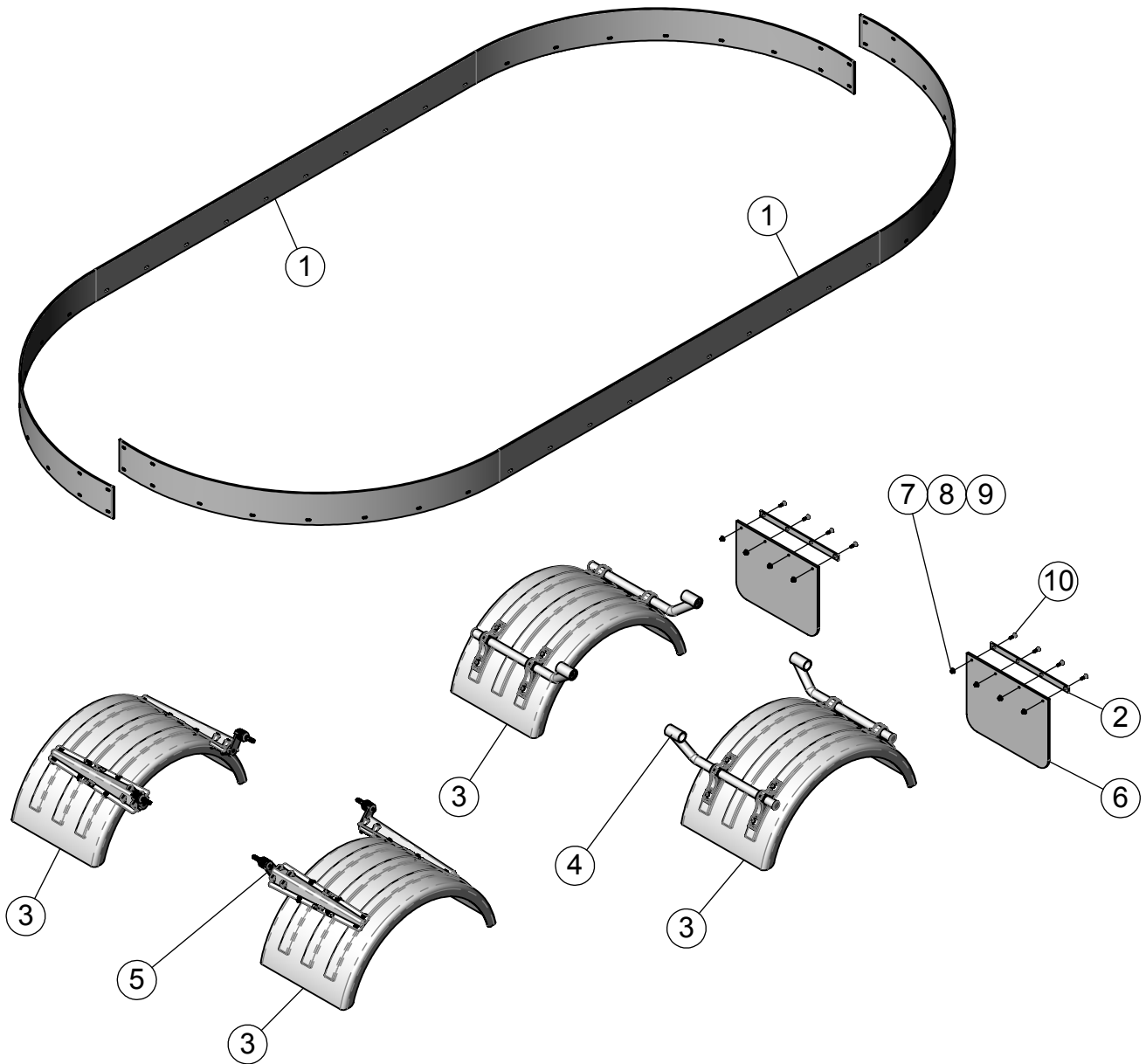
ITEM#	PART#	DESCRIPTION	QTY.
1	163120	RH KICKPLATE	1
2	750129	110VAC HYD POWER UNIT	1
3	860280	STAND TUBE W. A.	2
4	860295	VERTICAL LADDER W.A.	1
5	860910	745/865 STA SCALE FRAME WA	1

# TRUCK CAB SCALE INDICATOR FRAME PARTS



ITEM #	PART #	DESCRIPTION	QTY.
1	185930	ARM REST PAD 12"	2
2	192578	ARM REST SLIDE BAR	4
3	192585	BRACKET, PASSENGER CAB SEAT	1
4	192587	SPACER, TRUCK CAB DRIVER'S SEAT	1
5	192593	PLATE, TRUCK CAB MOUNT SETTING	1
6	400107	HEX NUT, 3/8"-16 SERRATED FLANGE #5	3
7	400606	HEX JAM NUT 3/8-16"	2
8	405652	HHCS 3/8"-16 x 3/4" #5 PLTD	5
9	407900	HHCS 3/8"-16 x 3/4" SERRATED #5 PLTD	2
10	407901	HHCS 3/8"-16 X 1" SERRATED #5 PLTD	3
11	407904	HHCS 3/8"-16 x 1-1/4" SERRATED #5 PLTD	8
12	409543	SQ HD SET SCREW CUP, 3/8" x 1"	2
13	871095	TRUCK SCALE INDICATOR MOUNT W.A.	1
14	871103	INDICATOR EXTENSION TUBE W.A.	1
15	871111	TRUCK SCALE INDICATOR SWIVEL W.A.	1
16	872263	ARM REST GOOSE NECK W.A.	1
17	872264	ARM REST W.A.	1
18	873389	SHORT ARM REST STAND W.A.	1
19	873390	SHORT TRUCK SCALE IND. BASE W.A.	1
20	873391	BASE, TRUCK CAB MOUNT WA	1
21	873394	BRACKET, DRIVER'S SEAT WA	1

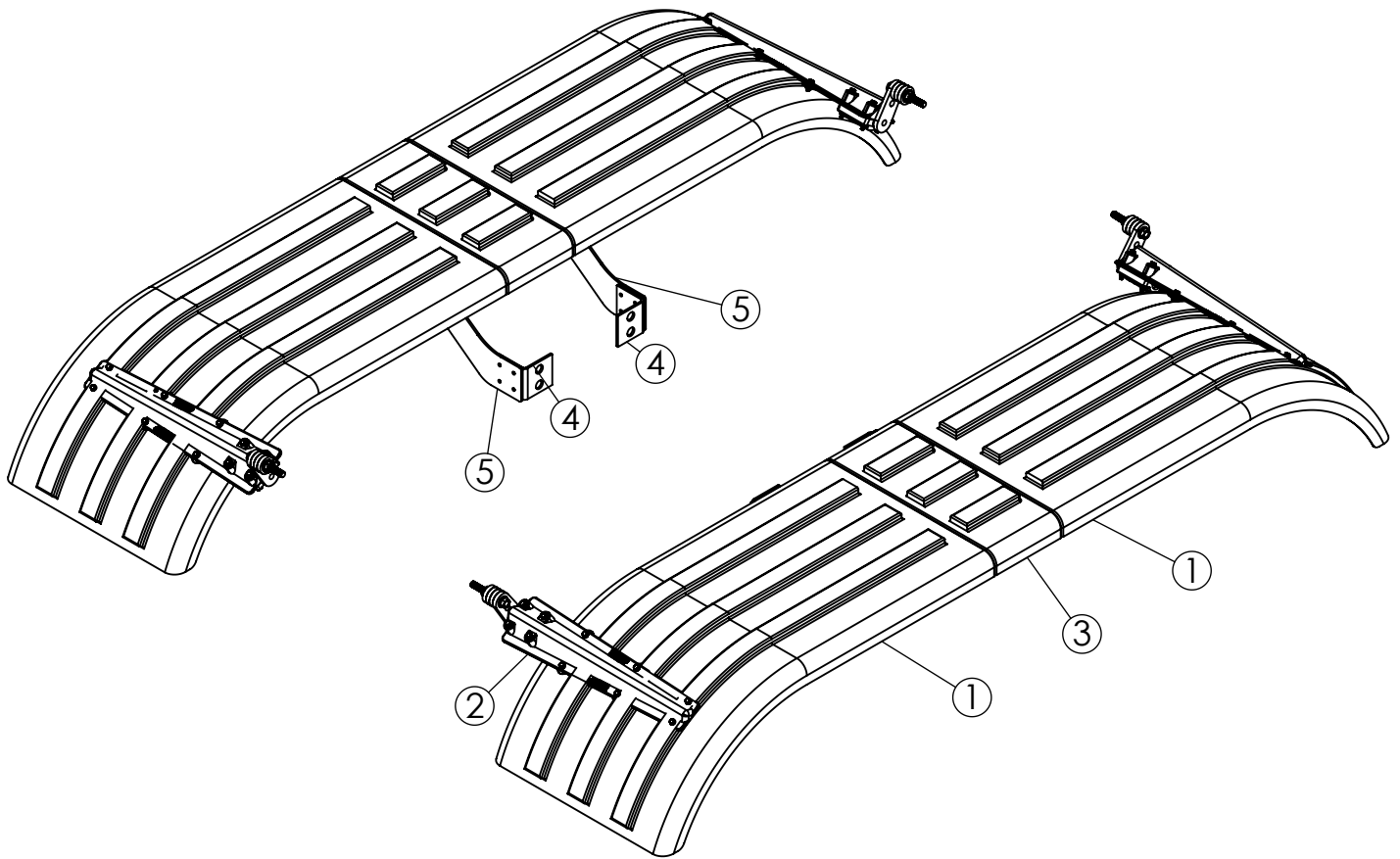
# 745 - 865 TRUCK FENDERS, TRUCK & TRAILER EXTENSIONS



ITEM #	PART #	DESCRIPTION	QTY
1	161365	745/865 RUBBER EXTENSION	2
2	183087	MUD FLAP STRAP	2
3	354391	POLY FENDER	AN
4	354392	POLY FENDER TUBING MOUNT KIT (2 Brkt's & Tubes per Kit)	AN
5	354393	POLY FENDER TAPER BRACKET KIT (4 Brkt's per Kit)	AN
6	370202	ROTO-MIX MUD FLAP 24" x 18-1/2"	AN
	370200	ROTO-MIX MUD FLAP 24" x 30"	AN
7	400206	HEX NUT 3/8"-16 #5 PLTD	8
8	402006	WASHER SPRING LOCK 3/8" MED PLTD	8
9	402406	FLAT WASHER 3/8" PLTD	8
10	407042	CHCS 3/8"-16 x 1-1/2" #5 PLTD	8

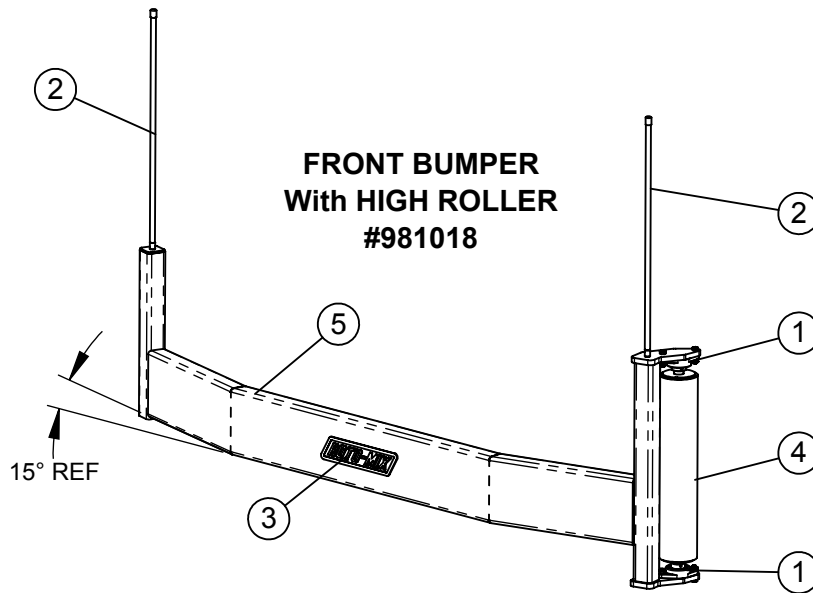
AN = AS NEEDED

## 745 - 865 TRUCK POLY FENDERS

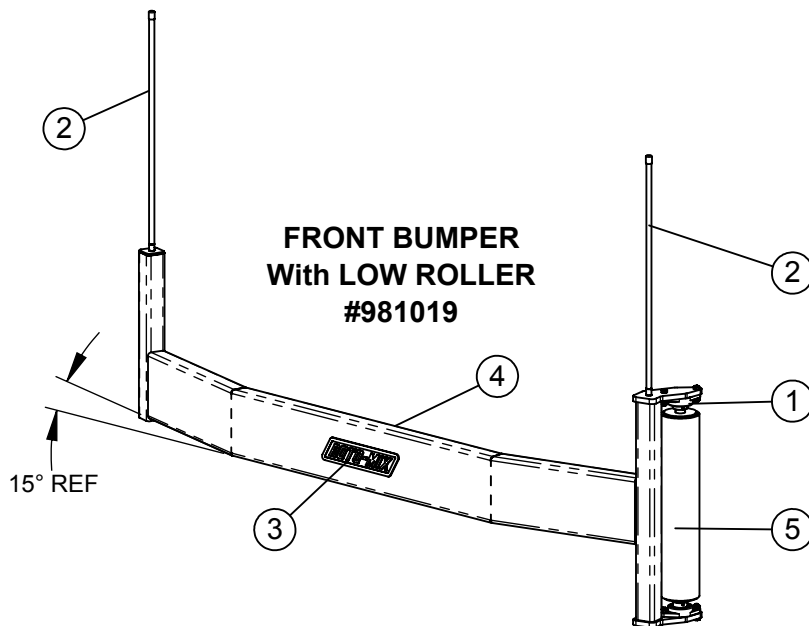


ITEM#	PART#	DESCRIPTION	QTY.
1	354394	POLY FENDER TANDEM KIT #MIN4000B (4 Fenders per Kit)	1
2	354393	POLY FENDER TAPER BRACKET KIT (4 Brkt's per Kit)	1
3	354395	POLY FENDER EXTENSION, 10" #PM10EXTB	2
4	192730	BRACKET, POLY FENDER SUPPORT	4
5	192731	SUPPORT, POLY FENDER TANDEM	4
6	192732	SLIDE, POLY FENDER TANDEM SUPPORT	4

# TRUCK FRONT BUMPERS

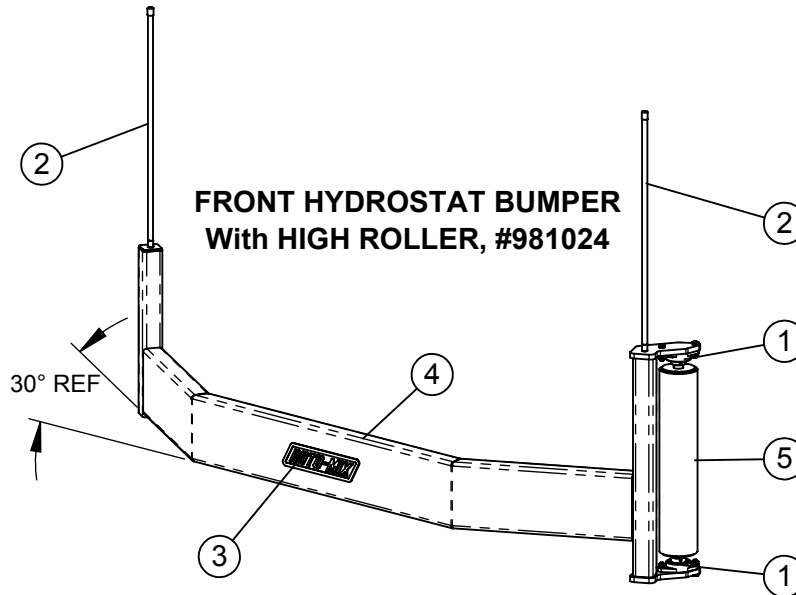


ITEM #	PART #	DESCRIPTION	QTY.
1	340222	BEARING, 1 3/8" VCJT	2
2	370334	MARKER, ORANGE STICK x 2 FT	2
3	440890	DECAL - ROTO-MIX - 15-11/16" x 3 11/16"	1
4	872434	ROLLER, FT BUMPER, 5" DIA.	1
5	872439	BUMPER FRT W/HIGH ROLLER WA.	1

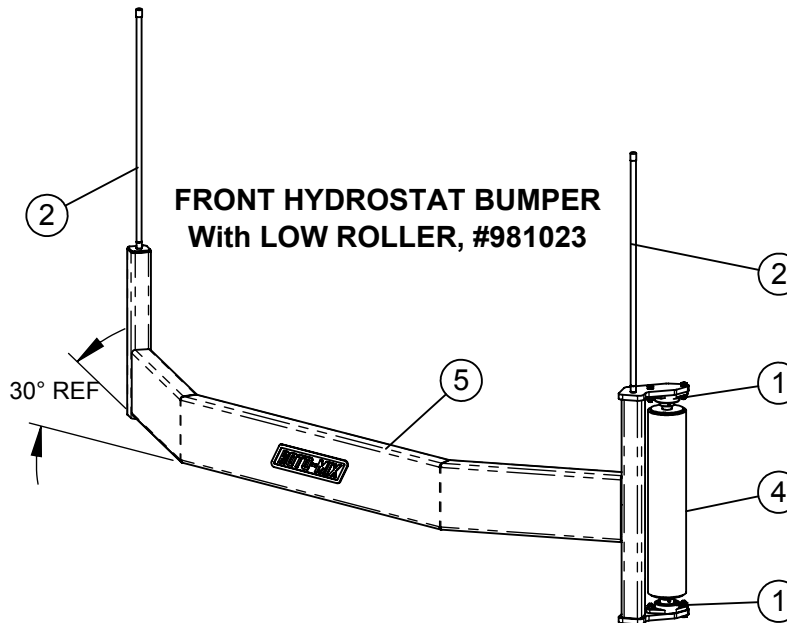


ITEM #	PART #	DESCRIPTION	QTY.
1	340222	BEARING, 1 3/8" VCJT	2
2	370334	MARKER, ORANGE STICK x 2 FT	2
3	440890	DECAL - ROTO-MIX - 15-11/16" x 3 11/16"	1
4	872430	BUMPER W/ ROLLER RR PTO WA	1
5	872434	ROLLER, FT BUMPER, 5" DIA.	1

# TRUCK FRONT BUMPERS

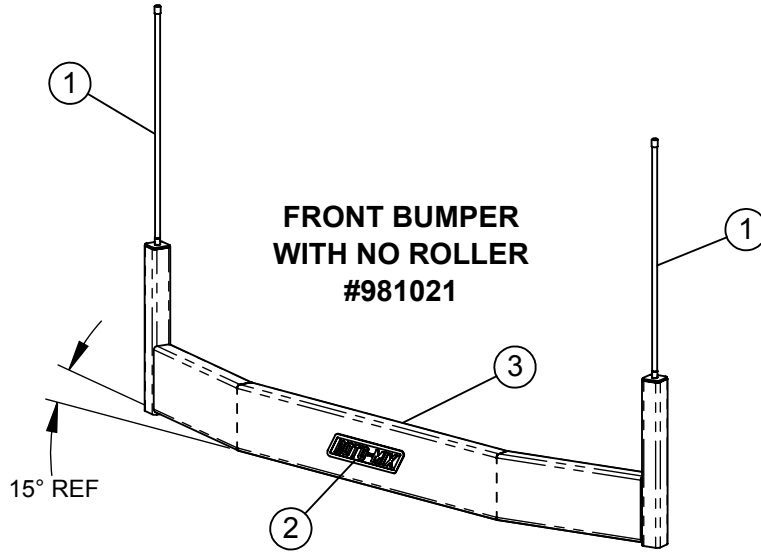


ITEM #	PART #	DESCRIPTION	QTY.
1	340222	BEARING, 1 3/8" VCJT	2
2	370334	MARKER, ORANGE STICK x 2 FT	2
3	440890	DECAL - ROTO-MIX - 15-11/16" x 3 11/16"	1
4	872431	BMPR FRT HYDRO W/HIGH RLLR WA	1
5	872434	ROLLER, FT BUMPER, 5" DIA.	1

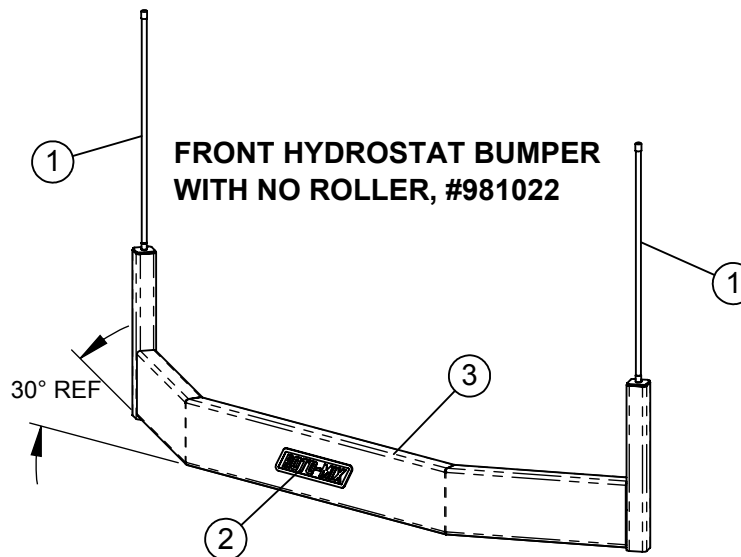


ITEM #	PART #	DESCRIPTION	QTY.
1	340222	BEARING, 1 3/8" VCJT	2
2	370334	MARKER, ORANGE STICK x 2 FT	2
3	440890	DECAL - ROTO-MIX - 15-11/16" x 3 11/16"	1
4	872434	ROLLER, FT BUMPER, 5" DIA.	1
5	872440	BMPR FRT HYDRO W/ ROLLER WA	1

# TRUCK FRONT BUMPERS

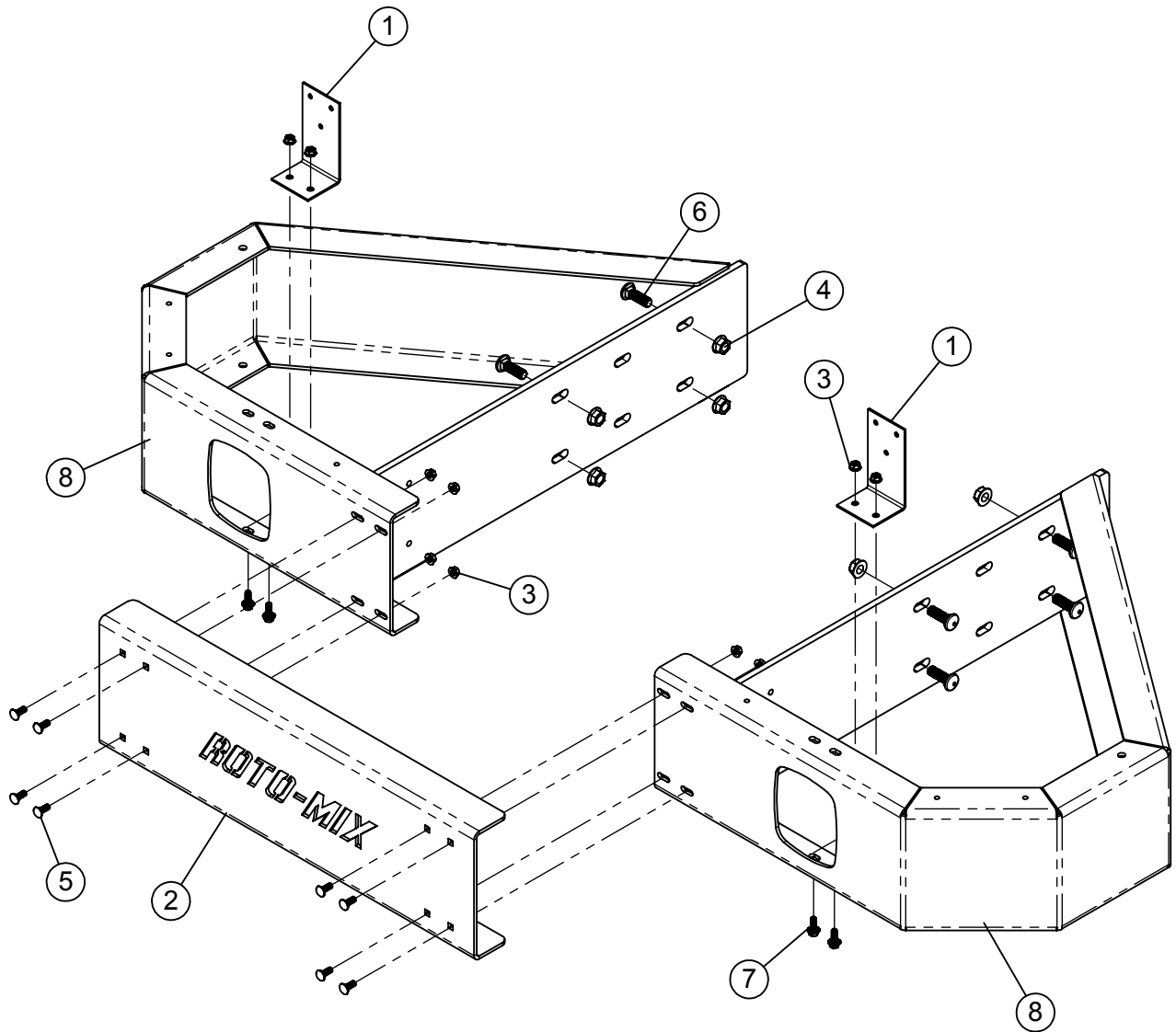


ITEM #	PART #	DESCRIPTION	QTY.
1	370334	MARKER, ORANGE STICK x 2 FT	2
2	440890	DECAL - ROTO-MIX - 15-11/16" x 3 11/16"	1
3	872432	BUMPER, TRK FRT, NO ROLLER	1



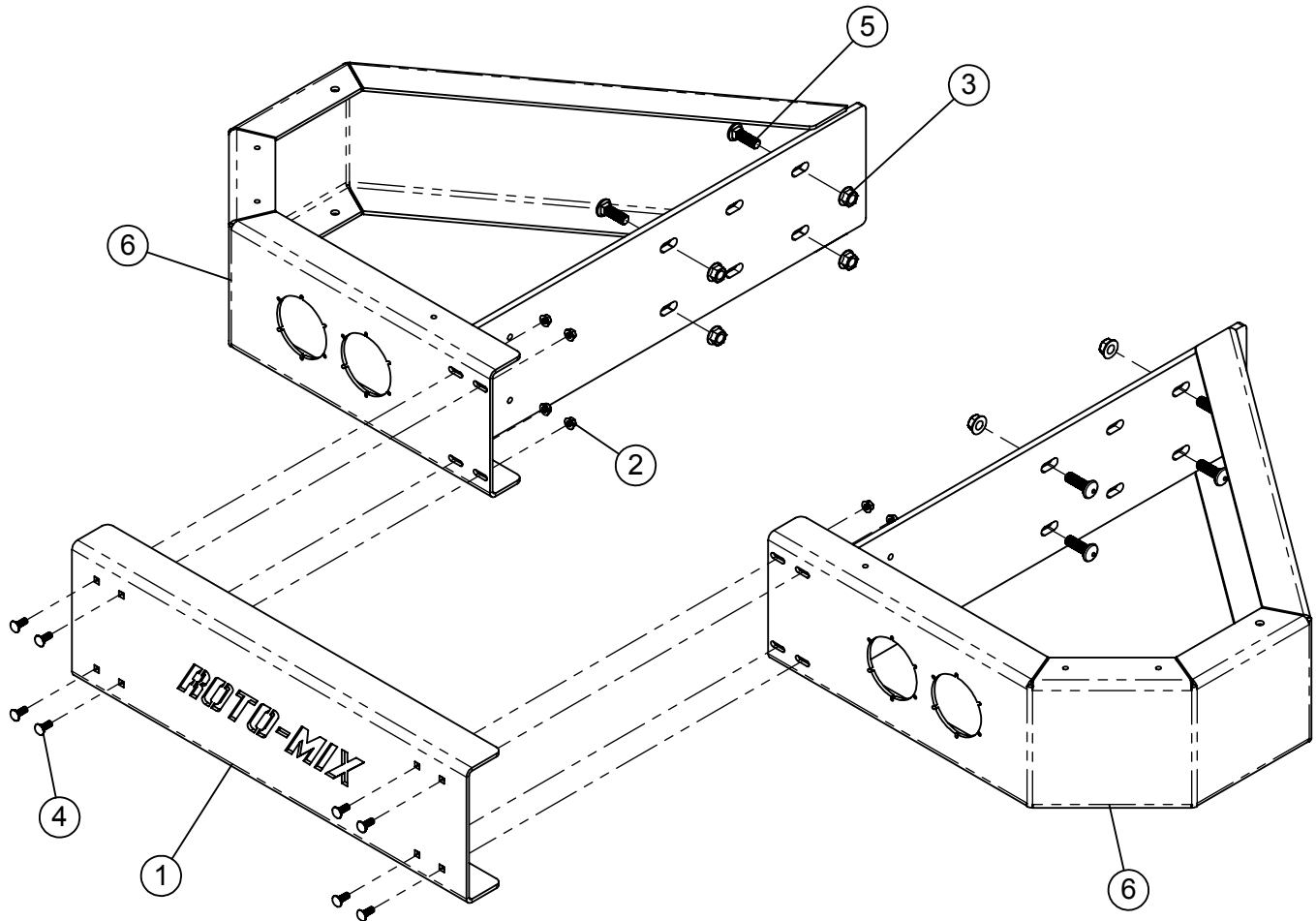
ITEM #	PART #	DESCRIPTION	QTY.
1	370334	MARKER, ORANGE STICK x 2 FT	2
2	440890	DECAL - ROTO-MIX - 15-11/16" x 3 11/16"	1
3	872433	BUMPER, TRK FRT NO ROLLER	1

# REAR BUMPER, 10", RECT. LIGHT HOLES #780948



ITEM #	PART #	DESCRIPTION	QTY.
1	185600	TAIL LIGHT BRKT	2
2	192219	PLATE, FLR 10" RR BMPR ROTO-MIX	1
3	400107	HEX NUT, 3/8"-16 SERRATED FLANGE #5	12
4	400115	FLANGE NUT, 5/8-11 SERRATED	8
5	407040	CHCS 3/8"-16 x 1" #5 PLTD	8
6	407121	CHCS 5/8"-11 x 2" #5 PLTD	8
7	407901	HHCS 3/8"-16 X 1" SERRATED #5 PLTD	4
8	873286	BMPR, 10" REAR HALF, RECT. W.A.	2

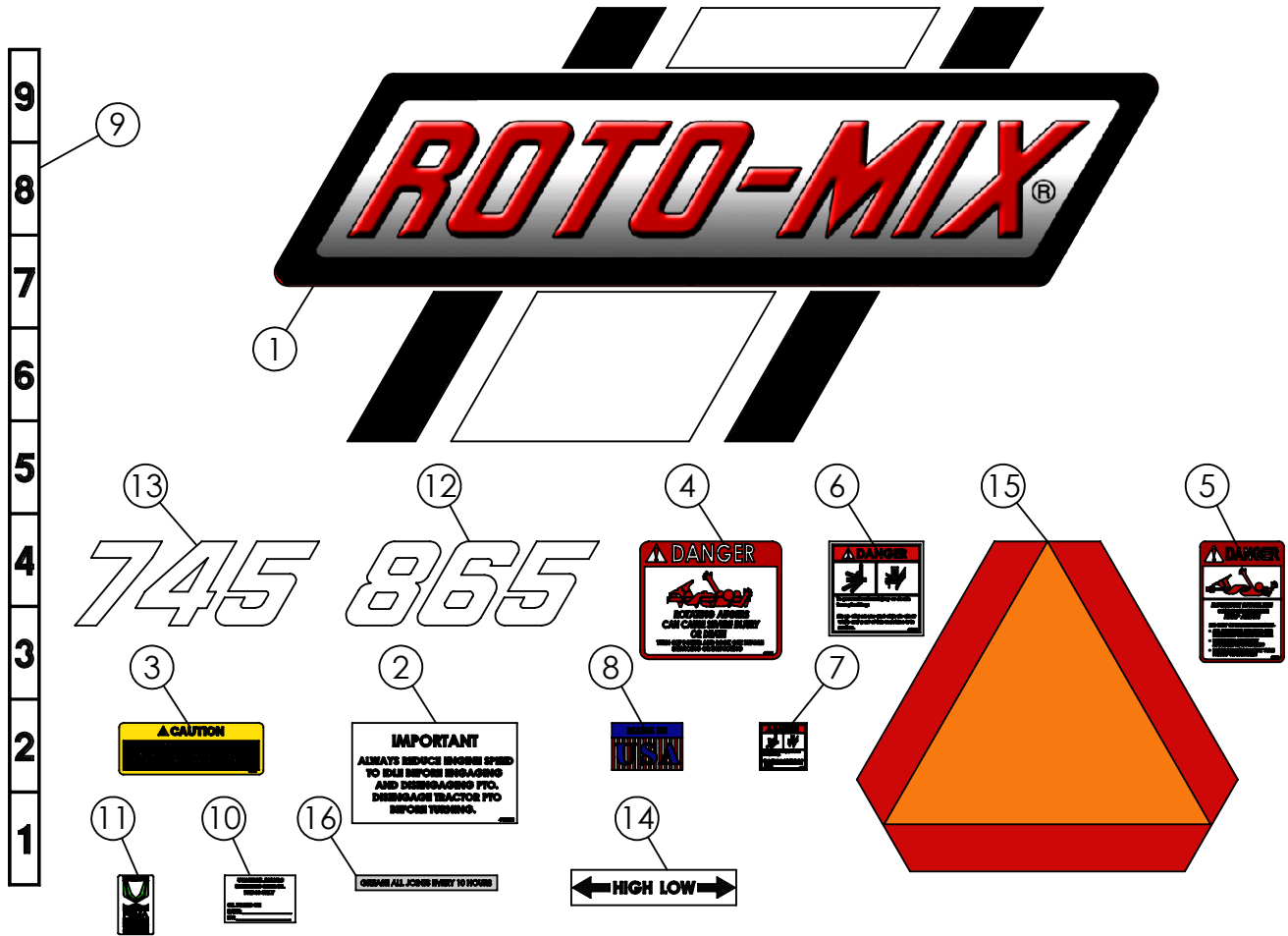
# REAR BUMPER, 10", ROUND LIGHT HOLES #780949



ITEM #	PART #	DESCRIPTION	QTY.
1	192219	PLATE, FLR 10" RR BMPR ROTO-MIX	1
2	400107	HEX NUT, 3/8"-16 SERRATED FLANGE #5	8
3	400115	FLANGE NUT, 5/8"-11 SERRATED	8
4	407040	CHCS 3/8"-16 x 1" #5 PLTD	8
5	407121	CHCS 5/8"-11 x 2" #5 PLTD	8
6	873287	BMPR, 10" RR HALF RND HOLES W.A.	2

# 745 - 865 DECALS

745 DECAL KIT - #660201, 865 DECAL KIT - #660205



ITEM #	PART #	DESCRIPTION	QTY.
1	440702	DECAL, ROTO-MIX WHITE STRIPE 71-1/2 H	1
2	440801	DECAL, REDUCE ENGINE SPEED 4-1/4" x 7"	3
3	440818	DECAL, (WARNING-CHUTE) 2-1/4" x 6-1/8"	2
4	440827	DECAL, DANGER: ROTATING AUGERS	4
5	440830	DECAL, DANGER PTO DRIVELINE	1
6	440833	DECAL, DANGER PINCH POINT 4" x 4"	1
7	440833-M	DECAL, DANGER PINCH POINT 2" x 2"	2
8	440844	DECAL, MADE IN USA	1
9	440912	DECAL, DOOR HEIGHT 1-5/16" x 35-1/2"	1
10	440954	DECAL, USE MOBIL SYNTHETIC 75W-90	2
11	440967	DECAL, MEMBER FEMA	1
12	440978	865 DECAL	1
13	440979	745 DECAL	2
14	440986	GEARBOX SPEED DECAL	1
15	441405	DECAL SMV	1
16	441661	GREASE EVERY 10 HOURS DECAL	2

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