

TRIPLE FLAIL ASSEMBLIES

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Tiger Corporation

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1-800-843-6849
1-605-336-7900

www.tiger-mowers.com

TO THE OWNER / OPERATOR / DEALER

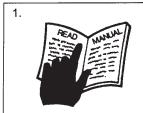
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BEFORE YOU START!! Ü^æå Ás@ Á æ^c Á ^••æ* ^•Á} Ás@ Á¶] |^{ ^} oÁæ} å Á @ . } Á¾ Ás@ Á æ} ׿* æÈ Uà•^\c^Ác@Á` |^•Á -Áæ^c Áæ} åÁ •^Á&[{ [} Á^)•^Â

READ AND UNDERSTAND THIS MANUAL! Non-English speaking operators will need to GET THE MANUAL TRANSLATED as needed!



FAILING TO FOLLOW SAFETY MESSAGES AND OPERATING INSTRUCTIONS CAN CAUSE SERIOUS BODILY INJURY OR EVEN DEATH TO OPERATOR AND OTHERS IN THE AREA.



2. NO RIDERS, NO CHILDREN OPERATORS.



3. USE SAFETY SHOES. HARD HAT, SAFETY GLASSES, SEAT BELTS, ROPS & **OPS**

4. BLOCK UP SECURELY **BEFORE WORKING** UNDER



- Study and understand Operator's Manuals, Safety Decals, and Instructional Decals for tractor and implement to prevent misuse, abuse, and accidents. Practice before operating in a confined area or near passersby.
 Learn how to stop engine suddenly in an emergency. Be alert for passersby and especially children
- 2. Allow no children on or near folding mower or tractor. Allow no riders on tractor or implement. Falling off may cause serious injury or death from being run over by tractor or mower or contact with rotating blades.
- 3. Operate only with tractor having Roll-Over Protective Structure (ROPS) and with seat belt securely fastened to prevent injury and possible death from falling off or tractor overturn.
 Personal Protective Equipment such as Hard Hat, Safety Glasses, Safety Shoes, & Ear Plugs are recommended.
- 4. Block up or support raised machine and all lifted components securely before putting hands or feet under or working underneath any lifted component to prevent crushing injury or death from sudden dropping or inadvertent operation of controls. Make certain area is clear before lowering or folding
- 5. Before transporting, put Lift Lever in detent or full-lift position. Install Transport Safety Devices securely on folding mowers. Put Booms securely in Transport Rest.
- Folding and Boom Mowers have raised center of gravity. Slow down when turning and on hillsides.
- 6. Make certain that SMV sign, warning lights, and reflectors are clearly visible. Follow local traffic codes.
- 7. Never operate with Cutting Head or Folding Section raised if passersby, bystanders, or traffic are in the area to reduce possibility of injury or death from objects thrown by Blades under Guards or mower structure.
- 8. Before dismounting, secure implement in transport position or lower to ground.
 Put tractor in park or set brake, disengage PTO, stop engine, remove key, and wait until noise of rotation has ceased to prevent crushing by entanglement in rotating parts which could cause injury or death.
 Never mount or dismount a moving vehicle. Crushing from runover may cause serious injury or death.



6. USE SMV. LIGHTS. & REFLECTORS.



7. DO NOT OPERATE WITH CUTTER OR WING RAISED.



8. DO NOT MOUNT OR **DISMOUNT WHILE** MOVING

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FORWARD

This manual contains information about many features of the Tiger mowing and roadside maintenance equipment. Some of these include: Safety precautions, Assembly instructions, Operations, Maintenance and Parts. This manual will also assist you in the proper break-in, daily care, and troubleshooting of your new mower.

We recommend that you read carefully the entire manual before operating the unit. Also, time spent in becoming fully acquainted with its performance features, adjustments, and maintenance schedules will be repaid in a long and satisfactory life of the equipment.

Troubleshooting - Please, before you call, help us to help you!

Please look at the equipment to observe what is happening, then:

- Classify the problem
 - Hydraulic, electrical or mechanical Read the trouble shooting section
 - Tractor or Truck chassis Contact vehicle dealer

 If unable to correct the problem yourself, contact your local Tiger Dealer after
gathering:
Machine model

 Serial number 	
• Dealer name _	
 Detailed inform 	ation about the problem including results of troubleshooting

Attention Owner / Operator / Dealer: It is your obligation to read, and understand, the warranty information section located at the back of this manual denoting that the purchaser understands the safety issues relating to this machine and has received

and will read a copy of this manual.

If at any time, you have a service problem with your Tiger mower, Contact your local dealer for service and parts needed.

MANUFACTURED BY:	DISTRIBUTED BY:	
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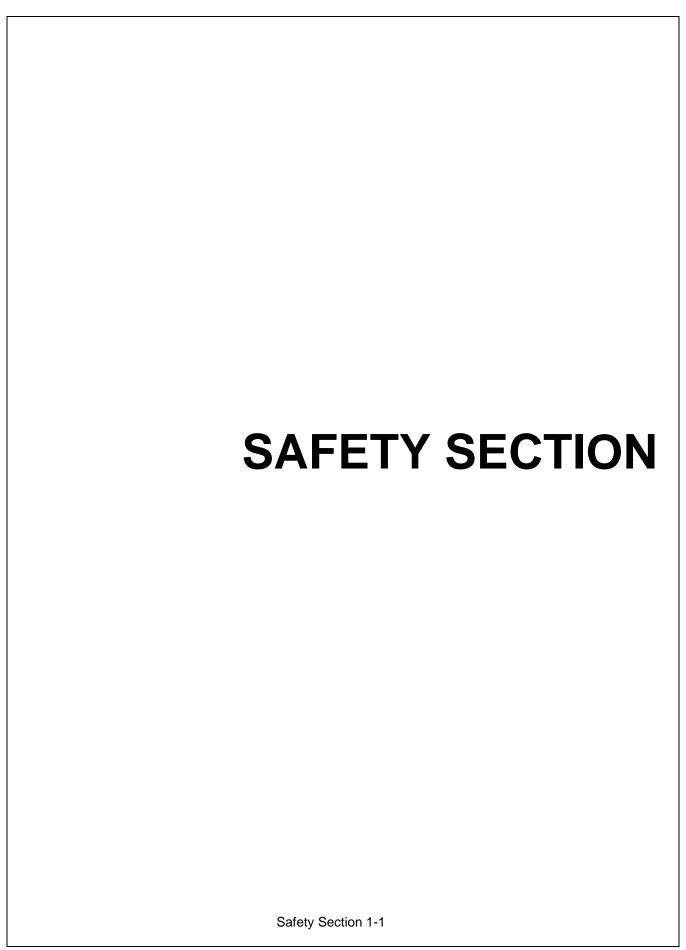


This symbol means: CAUTION – YOUR SAFETY IS AT RISK!

When you see this symbol, read and follow the associated instructions carefully or personal injury or damage may result.

Tiger is a registered trademark.





GENERAL SAFETY INSTRUCTIONS AND PRACTICES

A careful operator is the best operator. Safety is of primary importance to the manufacturer and should be to the owner/operator. Most accidents can be avoided by being aware of your equipment, your surroundings, and observing certain precautions. The first section of this manual includes a list of Safety Messages that, if followed, will help protect the operator and bystanders from injury or death. Read and understand these Safety Messages before assembling, operating or servicing this Implement. This equipment should only be operated by those persons who have read the manual, who are responsible and trained, and who know how to do so responsibly.



The Safety Alert Symbol combined with a Signal Word, as seen below, is used throughout this manual and on decals which are attached to the equipment. The Safety Alert Symbol means: "ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!" The Symbol and Signal Word are intended to warn the owner/operator of impending hazards and the degree of possible injury faced when operating this equipment.

Practice all usual and customary safe working precautions and above all-remember safety is up to <u>YOU</u>. Only <u>YOU</u> can prevent serious injury or death from unsafe practices.

A DANGER

Indicates an imminently hazardous situation that, if not avoided, WILL result in DEATH OR VERY SERIOUS INJURY.

AWARNING

Indicates an imminently hazardous situation that, if not avoided, COULD result in DEATH OR SERIOUS INJURY.

A CAUTION

Indicates an imminently hazardous situation that, if not avoided, MAY result in MINOR INJURY.

Important

Identifies special instructions or procedures that, if not strictly observed, could result in damage to, or destruction of the machine, attachments or the environment.

NOTE: Identifies points of particular interest for more efficient and convenient operation or repair.

READ, UNDERSTAND, and FOLLOW the following Safety Messages. Serious injury or death may occur unless care is taken to follow the warnings and instructions stated in this Manual and in the Safety Messages on the implement. Always follow the instruction in this manual and use good common sense to avoid hazards.



NOTE: If you want a translation of this safety section in one of the following Languages, please contact: Translations at 1502 E. Walnut Street Seguin, TX 78155; Fax: (830) 372-9529; Safety Section Translations are available in Spanish, Portuguese, French, German, Russian. PN GS01

OPERATOR SAFETY



AWARNING

TO AVOID SERIOUS INJURY OR DEATH DO THE FOLLOWING:

- READ, UNDERSTAND and FOLLOW Operator's Manual instructions, Warnings and Safety Messages.
- WEAR SAFETY GLASSES, safety shoes, hard hat, hearing protection and gloves when operating or repairing equipment
- WEAR appropriate breathing respirator when operating in dusty conditions to avoid respiratory diseases.
- DO NOT WEAR loose clothing or jewelry to avoid rotating parts entanglement injury.
- DO NOT USE DRUGS or ALCOHOL before or while operating equipment.
- DO NOT ALLOW anyone to operate equipment under the influence of drug or alcohol.
- CONSULT medical professional for medication impairment side effects.
- STAY ALERT, prolonged operation can cause fatigue, STOP and REST.

GENERAL OPERATING SAFETY

VISIBILITY CONDITIONS WHEN MOWING:

- OPERATE IN DAYLIGHT or with lights that gives at least 100 yards clear visibility.
- **BE ABLE TO SEE** and identify passersby, steep slopes, ditches, drop-offs, overhead obstructions, power lines, debris and foreign objects.

GROUND SPEED WHEN MOWING:

- NORMAL SPEED range is between 2 to 5mph.
- ADJUST MOWING SPEED for terrain conditions and grass type, density and cut height.
- **REDUCE MOWING SPEED** when near steep slopes, ditches, drop-offs, overhead obstructions, power lines and to avoid debris and foreign objects.

INSECT INFESTATION

Do Not operate in areas where bees or insects may attack unless you WEAR PROTECTIVE CLOTHING
or use enclosed tractor cab.

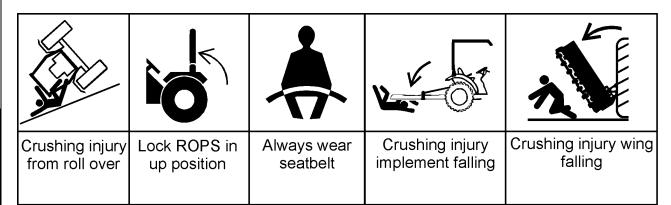
PTO SPEED:

- DO NOT EXCEED IMPLEMENT RATED PTO SPEED
- AVOID exceeding rated PTO speeds that may result in broken drivelines or blade failures.

SAFETY SIGNS:

REPLACE missing, damaged or unreadable safety signs immediately. PN 0501

CRUSHING HAZARDS





TO AVOID SERIOUS INJURY OR DEATH FROM FALLING OFF TRACTOR, EQUIPMENT RUN OVER, ROLLOVER AND CRUSHING BY FALLING WING OR IMPLEMENT:

- USE ROPS and SEAT BELT equipped tractors for mowing operations.
- KEEP ROPS lock in up position.
- ALWAYS BUCKLE UP seat belt when operating tractor and equipment.
- ONLY OPERATE tractor and equipment while seated in tractor seat.

WHEN RAISING OR LOWERING WINGS:

- Raise or lower ONLY WHILE SEATED in tractor seat with seat belt buckled.
- KEEP BYSTANDERS CLEAR of area TO AVOID crushing.
- KEEP sufficient clearance around implement and wings TO AVOID contacting buildings or overhead power lines.

LIFTED Equipment can fall from mechanical or hydraulic failure or inadvertent Control Lever movement.



TO AVOID EQUIPMENT FALLING while working near or under lifted wings, components and implements raised by 3-Pointed tractor hitch:

- SECURELY SUPPORT or block up raised equipment, wings and components.
- BLOCK UP and securely support equipment before putting hands, feet or body under raised equipment or lifted components.
- KEEP BYSTANDERS CLEAR of folded wings until wings are blocked or locked up.

WHEN PARKING Implement and Tractor:

- LOWER implement, LOCK or BLOCK lifted parts before leaving equipment.
- **NEVER** leave implement unattended in a raised position.

AWARNING

TO AVOID CHILDREN FALLING OFF OR BEING CRUSHED BY EQUIPMENT:

NEVER ALLOW children to play on or around Tractor or Implement.

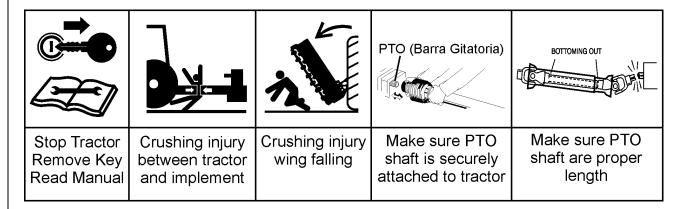
WHEN UNHITCHING IMPLEMENT:

LOWER implement, LOCK or BLOCK lifted parts before leaving equipment.

BEFORE REMOVING Wing Retaining Lock:

- ATTACH hoses to tractor.
- FILL Wing Cylinders with oil. (Refer to Instructions in Operation Section)
- KEEP bystanders away before operating wings.
- LOWER WINGS slowly and carefully. PN CHFM-03

CONNECTING OR DISCONNECTING IMPLEMENT SAFETY





TO AVOID SERIOUS INJURY OR DEATH FROM BEING CRUSHED BY TRACTOR OR IMPLEMENT:

WHEN BACKING tractor to implement hitch:

DO NOT ALLOW BYSTANDERS between tractor and implement.

BEFORE connecting and disconnecting implement hitch:

STOP TRACTOR ENGINE, place transmission into park, engage parking brake and remove key.

WHEN connecting and disconnecting implement hitch:

DO NOT crawl or walk under raised mower or wing.

WHEN CONNECTING IMPLEMENT DRIVELINE:

TO AVOID implement driveline coming loose during operation:

- LUBRICATE yoke spring locking collar to ensure it freely slides on PTO shaft.
- **SECURELY** seat yoke locking balls in PTO shaft groove.
- PUSH and PULL DRIVELINE on both the tractor and implement PTO SHAFTS to ensure it is SECURELY ATTACHED.

TO AVOID broken driveline during operations:

- CHECK driveline for proper length between PTO shaft and implement gearbox shaft. (Refer to Instructions in Operation Section)
- Drivelines too short can pull apart or disengage.
- Drivelines too long can bottom out.
- Bottoming driveline telescoping assembly will stop sliding and become solid.
- Driveline bottoming can push through support bearings and break off PTO shaft.

CONTACT DEALER if implement driveline does not match Tractor PTO shaft:

- DO NOT USE PTO ADAPTER.
 - Using a PTO adapter can cause:
- Excessive vibration, thrown objects, blade and implement failures by doubling operating speed.
- Increased working length exposing unshielded driveline areas and entanglement hazards.

BEFORE REMOVING WING RETAINING LOCKS:

- FILL Wing Cylinders with oil. (Refer to Instructions in Operation Section)
- KEEP bystanders clear of area before operating wings.
- LOWER WINGS slowly and carefully.

DO NOT connect the Mower to a tractor with the PTO directly connected to the Tractor transmission. PN CDFM-03

THROWN OBJECTS HAZARDS





ROTARY MOWERS CAN THROW OBJECTS 300 FEET OR MORE UNDER ADVERSE CONDITIONS.

TO AVOID SERIOUS INJURY OR DEATH TO OPERATOR OR BYSTANDERS FROM THROWN OBJECTS:

KEEP bystanders 300 feet away

STOP MOWING IF PASSERSBY ARE WITHIN 300 FEET UNLESS:

- All THROWN OBJECT SHIELDING including, Front and Rear Deflectors, Steel Guards, Bands, Side Skirts and Skid Shoes in place and in good condition when mowing.
- · Mower sections or wing are adjusted to be close and parallel to ground without exposing blades.
- MOWING AREA has been inspected and foreign materials and debris have been removed.
- PASSERSBY are inside enclosed vehicle.

INSPECT AREA FOR POTENTIAL THROWN OBJECTS BEFORE MOWING:

- REMOVE debris, rocks, wire, cable, metal objects and other foreign material from area.
 Wire, cable, rope, chains and metal objects can be thrown or swing outside deck with great velocity:
 - 1. MARK objects that cannot removed.
 - 2. AVOID these objects when mowing.

HIGH GRASS and WEED AREA INSPECTION:

- INSPECT for and REMOVE any hidden large debris.
- . MOW at Intermediate height
- INSPECT and remove remaining debris
- MOW at final height.

MOWER THROWN OBJECT SHIELDING:

- **KEEP** all thrown object shielding including, Front and Rear Deflectors, Steel Guards, Bands, Side Skirts and Skid Shoes in place and in good condition when mowing.
- DO NOT OPERATE with any thrown object shielding missing, damaged or removed.

RIGHT OF WAY (Highway) MOWING

- No shielding is 100% effective in preventing thrown objects. To Reduce Possibility of Injury:
 - 1. MAINTAIN MOWER SHIELDING, side skirts, skid shoes, and blades in good operational condition,
 - 2. RAISE CUTTING HEIGHT to 6 INCHES minimum,
 - 3. INSPECT AREA thoroughly before mowing to REMOVE potential THROWN OBJECT HAZARDS,
 - 4. **NEVER ALLOW BLADES to CONTACT SOLID OBJECTS** like wire, rocks, post, curbs, guardrails, or ground while mowing. *PN TOFM-01*

THROWN OBJECTS HAZARD (CONTINUED)



MOWER OPERATION:

- DO NOT exceed mower's rated Cutting Capacity or cut non-vegetative material.
- USE ENCLOSED TRACTOR CABS when two or more mowers are operating in mowing area.
- ADJUST mower sections or wing close and parallel to ground without exposing blades
- ADJUST cutting HEIGHT to AVOID BLADE CONTACT with solid objects like wire, rocks, posts, curbs, guard rails and fixed obstructions.
- DO NOT operate mower when mower is raised or in transport position
- STOP MOWING immediately if blades strike heavy objects, fixed structures, metal guard rails and concrete structures:
 - 1. BLADES CAN FAIL from impact and objects can be thrown with great velocity.
 - 2. INSPECT and REPLACE any damaged blades.
 - 3. CHECK blade carrier balance and REPLACE if damaged.
- DO NOT mow in standing water TO AVOID possible BLADE FAILURE.
- AVOID MOWING in reverse:
 - 1. STOP PTO and back up mower.
 - 2. **LOWER** mower, engage **PTO** and mow forward.
- STOP PTO and BLADES when raising the mower to transport position.
- **DO NOT ENGAGE PTO** with mower in transport position.
- STOP moving when EXCESSIVE VIBRATION occurs:
 - 1. STOP PTO and tractor ENGINE.
 - 2. **INSPECT** mower for vibration source
 - 3. REPLACE any damage parts and bent or damaged BLADES. PN TOFM-02

RUN OVER HAZARDS





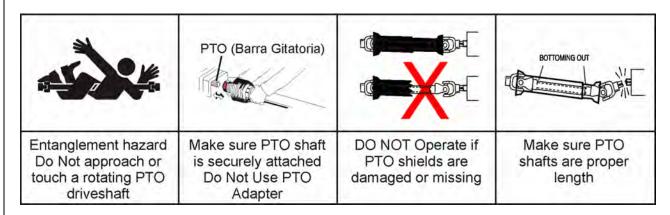
TO AVOID SERIOUS INJURY OR DEATH FROM FALLING OFF TRACTOR OR EQUIPMENT RUN OVER:

- USE ROPS and SEAT BELT equipped tractors for mowing operations.
- KEEP ROPS locked in UP position.
- ONLY start tractor while seated in tractor seat.
- ALWAYS BUCKLE UP seat belt when operating tractor and equipment.
- ONLY OPERATE tractor and equipment while seated in tractor seat.
- NEVER ALLOW RIDERS on tractor or implement.

WHEN MOUNTING AND DISMOUNTING TRACTOR:

- ONLY mount or dismount when tractor and moving parts are stopped.
- STOP ENGINE AND PTO, engage parking brake, lower implement, allow all moving parts to stop and remove key before dismounting from tractor. PN ROO1

PTO ENTANGLEMENT HAZARDS





KEEP AWAY FROM ROTATING DRIVELINES AND ELEMENTS TO AVOID SERIOUS INJURY OR DEATH:

STAY AWAY and **KEEP** hands, feet and body AWAY from rotating blades, drivelines and parts until all moving elements have stopped.

- STOP, LOOK and LISTEN before approaching the mower to make sure all rotating motion has stopped.
- ROTATING COMPONENTS CONTINUE to ROTATE after the PTO is shut off.

PTO SHIELDING:

TO AVOID SERIOUS INJURY OR DEATH FROM ENTANGLEMENT WHEN OPERATING IMPLEMENT:

- KEEP PTO shields, integral driveline shields and input shields installed
- DO NOT OPERATE mower without shields and guards in place or missing
- REPAIR OR REPLACE if damage, broken or missing
- ALWAYS REPLACE GUARDS that have been removed for service or maintenance.
- Do Not use PTO or PTO guard as a step.

TO AVOID broken driveline during operations:

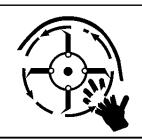
- CHECK driveline for proper length between PTO shaft and implement gearbox shaft. (Refer to Instructions in Operation Section)
- Drivelines too short can pull apart or disengage.
- · Drivelines too long can bottom out.
 - Bottoming driveline telescoping assembly will stop sliding and become solid.
- Driveline bottoming can push through support bearings and break off PTO shaft
- AVOID sharp turns or lift mower to heights to cause driveline "knocking".
- · Lubricate driveshaft-telescoping components weekly.

CONTACT DEALER if implement driveline does not match Tractor PTO shaft:

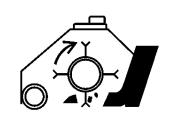
• DO NOT USE PTO ADAPTER.

Using a PTO adapter can cause excessive vibration, thrown objects, blade and implement failures by doubling operating speed. Increased working length exposing unshielded driveline areas. PN PEO1

MOWER BLADE CONTACT HAZARDS



Do not put fingers underneath mower



Do not put foot underneath mower



Stop Tractor Remove Key Read Manual



KEEP AWAY FROM ROTATING BLADES TO AVOID SERIOUS INJURY OR DEATH FROM BLADE CONTACT:

- STAY AWAY and KEEP HANDS, FEET and BODY AWAY from rotating blades, drivelines and parts until all moving elements have stopped.
- DO NOT put hands or feet under mower decks
- STOP rotating BLADES disengage PTO and wait for blade to stop rotating before raising mower deck or wings
- STOP LOOK and LISTEN before approaching the mower to make sure all rotating motion has stopped. PN MBFM-01

HIGH PRESSURE OIL LEAK HAZARD



High pressure oil penetrating skin



High pressure oil eroding skin



Using cardboard to check for oil leaks



Tank contents under pressure. Allow oil to cool before slowly removing cap



TO AVOID SERIOUS INJURY OR DEATH FROM HIGH PRESSURE HYDRAULIC OIL LEAKS PENERATING SKIN:

- DO NOT OPERATE equipment with oil or fuel leaks.
- KEEP all hydraulic hoses, lines and connections in GOOD CONDITION and TIGHT before applying system
 pressure.
- RELIEVE HYDRAULIC PRESSURE before disconnecting lines or working on the system.
- **REMOVE** and replace hose if you suspect it leaks. Have dealer test it for leaks.

HIGH PRESSURE FLUID LEAKS CAN BE INVISIBLE.

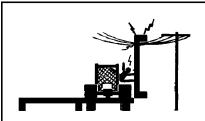
WHEN CHECKING FOR HYDRAULIC LEAKS AND WORKING AROUND HYDRAULIC SYSTEMS:

- ALWAYS WEAR safety glasses and impenetrable gloves.
- USE paper or cardboard to search for leaks.
- **DO NOT USE** hands or body parts to search for leak.
- KEEP hands and body AWAY from pin holes and nozzles ejecting hydraulic fluid.
- Hydraulic fluid may cause gangrene if not surgically removed immediately by a doctor familiar with this form of injury.

Use Caution when removing Hydraulic Tank cap.

- Tank content maybe under pressure.
- Allow oil to cool before removing cap.
- Relieve oil pressure before removing cap slowly.
- Stay away from hot oil that may spray from tank. PN HPFM-01

ELECTRICAL & FIRE HAZARDS



Wing contacting overhead electrical lines



Strike and explosion Hazard Blades Contacting Utility or Gas Lines



Do not operate near fires. Keep mower deck clear of debris

A DANGER

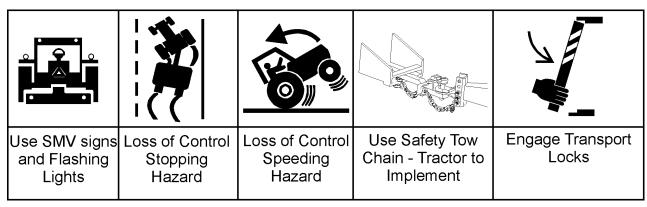
TO AVOID SERIOUS INJURY OR DEATH FROM ELECTRICAL CONTACT WHEN WORKING AROUND ELECTRICAL POWER LINES, GAS LINES AND UTILITY LINES:

- **INSPECT** mowing area for overhead or underground electrical power lines, obstructions, gas lines, cables and Utility, Municipal, or other type structure.
- **KEEP** all raised wings at a 10 feet or greater distance from all power lines and overhead obstructions.
- DO NOT allow mower to contact with any Utility, Municipal, or type of structures and obstructions.
- CALL 811 and 1-800-258-0808 for identify buried utility lines.

FIRE PREVENTION GUIDELINES while Operating, Servicing, and Repairing Mower and Tractor to reduce equipment and grass fire Risk:

- EQUIP Tractor with a FIRE EXTINGUISHER
- DO NOT OPERATE mower on a tractor equipped with under frame exhaust
- DO NOT SMOKE or have open flame near Mower or Tractor
- DO NOT DRIVE into burning debris or freshly burnt area
- AVOID FIRE IGNITION by not allowing mower blade to contact solid objects like metal or rock.
- ADJUST SLIP CLUTCHES to avoid excessive slippage and clutch plate heating.
- CLEAR any grass clippings or debris buildup around mower drivelines, slip clutches, and gearboxes.
- SHUT OFF ENGINE while refueling.
- Do not operate if oil is leaking. Repair oil leak and remove all accumulated oil before operating.
- CLEAR any grass clippings or debris buildup around mower hydraulic pumps, valves or tanks. PN EFFM-01

TRANSPORTING HAZARDS



AWARNING

TO AVOID SERIOUS INJURY AND DEATH WHEN TOWING OR TRANSPORTING EQUIPMENT:

- KEEP transport speed BELOW 20 mph to maintain control of equipment.
- REDUCE SPEED on inclines, on turns and in poor towing conditions.
- DO NOT TOW with trucks or other vehicles.
- **USE** only properly sized and equipped tractor for towing equipment.
- FOLLOW all local traffic regulations.

TRACTOR REQUIREMENTS FOR TOWING OR TRANSPORTING IMPLEMENTS:

- **ONLY TRANSPORT** with tractor with **ROPS** in the raised position.
- USE properly sized and equipped tractor that exceeds implement weight by at least 20%.
- KEEP 20% of tractor weight on front wheels to maintain safe steering.

BEFORE TRANSPORTING OR TOWING IMPLEMENT:

TRACTOR INSPECTION:

- CHECK steering and braking for proper operation and in good condition.
- CHECK SMV sign, reflectors and warning lights for proper operation and visibility behind unit.
- CHECK that your driving vision is not impaired by tractor, cab, or implement while seated in tractor seat.
- ADJUST your operating position, mirrors, and implement transport for clear vision for traveling and traffic conditions.

PREPARE IMPLEMENT FOR TRANSPORTING OR TOWING:

ENGAGE TRANSPORT LOCKS AND SAFETY CHAINS:

- RAISE MOWER and ENGAGE center axle cylinder transport stops or pins.
- RAISE WINGS and ENGAGE TRANSPORT LOCKS or pins.
- ATTACH implement SAFETY CHAIN to tractor.
- REMOVE any cut material collected on mower deck.

DETERMINE STOPPING CHARACTERISTICS OF TRACTOR AND IMPLEMENT FOR TRANSPORTING OR TOWING:

BRAKING TESTS:

- INSTALL center axle cylinder transport stops or pins.
- Observe STOPPING distances increases with increased speeds.
- **DETERMINE** the maximum safe transport speed that does not exceed 20 mph.

DETERMINE MAXIMUM TURING SPEED BEFORE OPERATING ON ROADS OR UNEVEN GROUND:

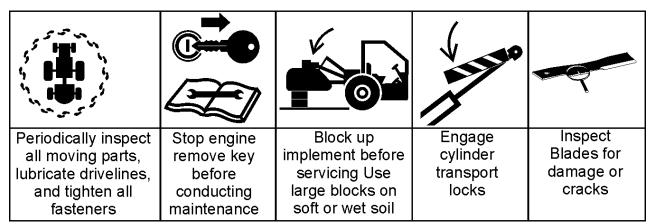
- TEST equipment in slowly increasing speed in turns to determine it can be operated at higher speeds.
- USE REDUCED turning speeds in sharp turns to avoid equipment turning over.

WHEN TOWING OR TRANSPORTING EQUIPMENT:

- Always WEAR SEAT BELT when operating or transporting mower.
- **USE** low speeds to avoid overturn with raised wings.
- USE low speeds and gradual steering on curves, hills, rough or uneven surfaces and on wet roads.
- TURN ON tractor FLASHING WARNING LIGHTS.
- ALLOW clearance for implement swing while turning.

KEEP all raised wings at 10 feet or greater distance from all power lines and overhead obstructions. PN TH01

HAZARDS WITH MAINTENANCE OF IMPLEMENT



AWARNING

AVOID SERIOUS INJURY OR DEATH FROM COMPONENT FAILURE BY KEEPING IMPLEMENT IN GOOD OPERATING CONDITION IN PERFORMING PROPER SERVICE, REPAIRS AND MAINTENANCE.

BEFORE PERFORMING SERVICE, REPAIRS AND MAINTENANCE ON THE IMPLEMENT:

- STOP ENGINE AND PTO, engage parking brake, lower implement, allow all moving parts to stop and remove key before
 dismounting from tractor.
- PLACE implement on ground or securely block up raised equipment. Use large blocks on soft or wet soil.
- PUSH and PULL Remote Hydraulic Cylinder lever to relieve hydraulic pressure.
- DISCONNECT IMPLEMENT driveline from tractor PTO SHAFT.

WEAR SAFETY GLASSES, PROTECTIVE GLOVES and follow SAFETY PROCEDURES when performing service, repairs and maintenance on the implement:

- Always WEAR protective GLOVES when handling blades, knives, cutting edges or worn component with sharp edges.
- Always WEAR GLOVES and SAFETY GLASSES when servicing hot components
- AVOID CONTACT with hot hydraulic oil tanks, pumps, motors, valves and hose connection surfaces.
- SECURELY support or BLOCK UP raised implement, framework and lifted components before working underneath
 equipment.
- STOP any implement movements and SHUT-OFF TRACTOR engine before doing any work procedures.
- USE ladder or raised stands to reach high equipment areas inaccessible from ground.
- ENSURE good footing by standing on solid flat surfaces when getting on implement to perform work.
- FOLLOW manufacturer's instructions in handling oils, solvents, cleansers, and other chemical agents.
- DO NOT change any factory-set hydraulic calibrations to avoid component or equipment failures.
- DO NOT modify or alter implement, functions or components.
- DO NOT WELD or repair rotating mower components. These may cause vibrations and component failures being thrown from mower.

PERFORM SERVICE, REPAIRS, LUBRICATION AND MAINTENANCE OUTLINED IN IMPLEMENT MAINTENANCE SECTION:

- **INSPECT** for loose fasteners, worn or broken parts, leaky or loose fittings, missing or broken cotter keys and washers on pins, and all moving parts for wear.
- REPLACE any worn or broken parts with authorized service parts.
- LUBRICATE unit as specified by lubrication schedule
- NEVER lubricate, adjust or remove material while it is running or in motion.
- TORQUE all bolts and nuts as specified.

BLADE INSPECTION:

- REPLACE bent, damage, cracked or broken blades immediately with new blades.
- AVOID blade failures and thrown broken blades. DO NOT straighten, weld, or weld hard-facing blades.

SAFETY SHIELDS, GUARDS AND SAFETY DEVICES INSPECTION:

- KEEP all Deflectors, Steel Guards, Gearbox Shields, and PTO integral shields, Bands, Side Skirts and Skid Shoes in place and in good condition.
- REPLACE any missing, broken or worn safety shields, guards and safety devices.
- Engine Exhaust, some of its constituents, and certain vehicle components contain or emit chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.
- Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.
- DISCONNECT Pump solenoid valve or PTO driveline connection before servicing mower head.
- FOLLOW INSTRUCTIONS in maintenance section when replacing hydraulic cylinders to prevent component falling.
 PN HMFM-02

PARTS INFORMATION

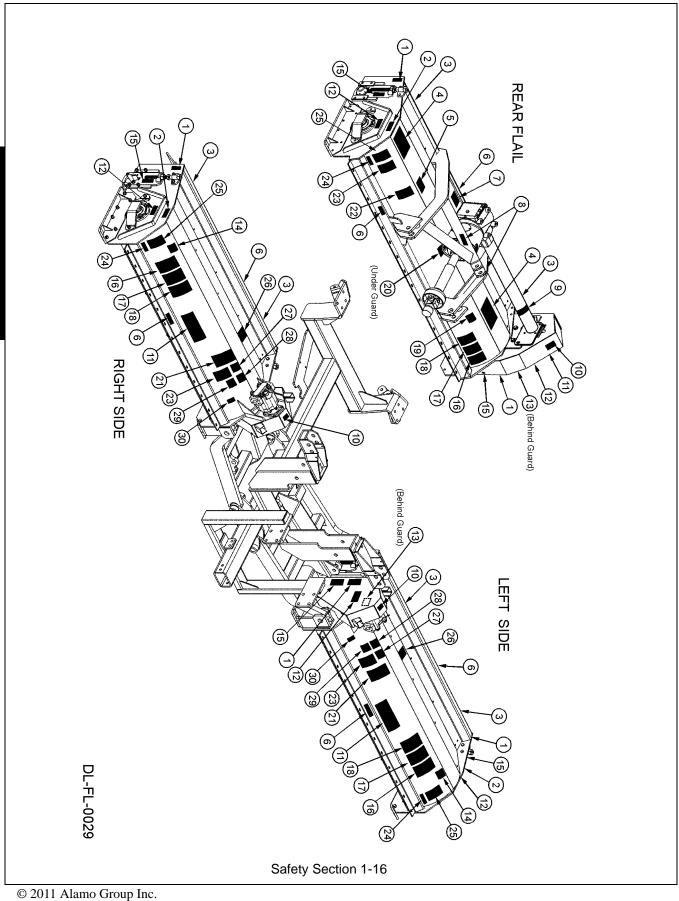
PARTS INFORMATION

Tiger mowers use balanced and matched system components for blade carriers, blades, cuttershafts, knives, knife hangers, rollers, drivetrain components, and bearings. These parts are made and tested to Tiger specifications. Non-genuine "will fit" parts do not consistently meet these specifications. The use of "will fit" parts may reduce mower performance, void mower warranties, and present a safety hazard. Use genuine Tiger mower parts for economy And safety. (SPTM-1)

SEE YOUR TIGER DEALER

Decal Location

NOTE: Tiger supplies safety decals on this product to promote safe operation. Damage to the decals may occur while in shipping, use, or reconditioning. Tiger cares about the safety of its customers, operators, and bystanders, and will replace the safety decals on this product in the field, free of charge (Some shipping and handling charges may apply). Contact your Tiger dealer to order replacement decals.



ITEM	PART NO.	QTY.	TYPE	DESCRIPTION
1.	6T3261	6	INSTRUCT	Greasing Instructions
2.	22839	3	INSTRUCT	Do not lubricate with automatic grease gun
3.	42399	6	REFLECTOR	Red Reflector
4.	31523	2	LOGO	Tiger Logo (18.25"x 10")
5.	D708	1	WARNING	Clear away grass or debris
6.	24028	6	DANGER	Thrown Object Hazard
7.	6T-3240	1	IMPORTANT	Use Synthetic Gear Lube
8.	TF-1112	2	IMPORTANT	Place tractor lift arm link pins in vertical position
9.	D713	1	WARNING	Do not operate without guards
10.	00758194	3	WARNING	Pinch Point Hazard
11.	31522	3	LOGO	Tiger Logo (10"x 5.5")
12.	6T3249A	6	INSTRUCT	Greasing Instructions-Cutter Shaft Bearing
13.	D646	3	DANGER	Guard Missing, Do not Operate
14.	D706	1	INSTRUCT	Lubrication Chart - Right/Left Flail
15.	21405	6	INSTRUCT	Standard/Smooth Cut Measurements
16.	D686	3	DANGER	Thrown Object / Crushing Hazard
17.	D687	3	DANGER	Entanglement / Run Over Hazard
18.	D696	3	DANGER	Multi-Hazard
19.	D700	1	INSTRUCT	Lubrication Chart - Rear Flail
20.	D546	1	DANGER	Guard Missing, Do Not Operate
21.	D699	2	WARNING	Multi-Hazard
22.	D547	1	DANGER	Driveline Hazard
23.	32709	3	WARNING	Use Tiger Genuine Parts
24.	42400	3	REFLECTOR	Yellow Reflector
25.	6T3236	3	LOGO	Made in the USA
26.	D703	2	DANGER	Crushing Hazard
27.	02962765	2	DANGER	Crushing Hazard & Pinch Points
28.	02965262	2	WARNING	Oil Leak Hazard
29.	D698	2	DANGER	Crushing Hazard-Injury or Death
30.	6T3221	2	IMPORTANT	Lubricate spindle every 40 hours

Decal Description

A WARNING

A ADVERTENCIA

TO AVOID EQUIPMENT AND GRASS FIRES:

 CLEAR AWAY grass or debris from slip clutches, gearboxes, drivelines and decks.

TO AVOID FIRE IGNITION:

 DO NOT ALLOW BLADES TO CONTACT rocks, metal or solid objects.



PARA EVITAR INCIENDOS DE EQUIPO Y CÉSPED:

 QUITE el césped o escombros de embrague deslizante, caja de engranajes, líneas de conducción y cubiertas.

PARA EVITAR INCIENDOS POR IGNICIÓN:

 NO PERMITA QUE LAS LAMINAS CONTACTEN piedras, metal o objectos solidos.

A DANGER

THROWN OBJECT HAZARD

TO AVOID SERIOUS INJURY OR DEATH: DO NOT OPERATE if Thrown Object

Shielding is damaged or missing.

- Maintain Rubber Deflectors in good condition.
- Inspect Rubber Deflectors frequently.



A PELIGRO

RIESGO DE OBJETOS LANZADOS

PARA EVITAR LESION SERIA O MUERTE:

NO OPERE si la Cubierta de Objetos Lanzados esta dañada o falta.

- Mantenga Los Deflectores de Hule en buenas condiciones.
- Inspeccione Los Deflectores de Hule con frecuencia.

24028

AWARNING

A ADVERTENCIA

PINCH POINT HAZARD

TO AVOID SERIOUS INJURY:

 DO NOT OPERATE with Belt Shield removed.



RIESGO DE PUNTOS DE PELLIZCO

PARA EVITAR LESION SERIA:

 NO OPERE con la cubierta de correa ausente.







A DANGER A PELIGRO

KEEP AWAY THROWN OBJECTS HAZARD

CONSÉRVESE LEJOS OBJETOS LANZADOS

Mower can throw objects up to 300 feet. TO AVOID SERIOUS INJURY OR DEATH to operator or bystanders:

- STOP mowing if bystanders or traffic come within 300 feet.
- DO NOT OPERATE with thrown object shielding removed.
- KEEP thrown object shielding in place and in good condition during operation.
- INSPECT area for potential mower thrown object hazards before mowing.
- Remove and AVOID objects such as wire, cable, metal objects and all other foreign material.
- DO NOT ALLOW blades to contact solid objects like wire, rocks, posts, curbs or guard rails.
- DO NOT OPERATE in transport position or with wings off ground.





Cortacésped puede lanzar objectos hasta 300 pies. PARA EVITAR LESION SERIA O MUERTE a operadores y personas presentes:

- Pare de segar si personas o traffico se acercan entre 300 pies del area de segar.
- NO OPERE sin la cubierta para objetos lanzados.
- MANTENGA la cubierta para objeto lanzado en su lugar y en buenas condiciones.
- INSPECCIONE el área por si hay riesgos potenciales de objetos lanzados antes de segar.
- REMUEVA y EVITE objetos come alambre, cable, objetos de metal y todo otro material extranjero.
- NO DEJE que las cuchillas contacten los objectos sólidos como alambre, rocas, postes, borde de banqueta, o barandillas.
- NO OPERE en posicion de transporte o con las alas levantadas.



A DANGER

APELIGRO

Crushing Hazard Riesgo de Aplastamiento Injury or Death Lesion o Muerte

TO AVOID SERIOUS INJURY OR DEATH:

- USE tractor equipped with Rollover Protective Structure ("ROPS") including roll bar and seat belt. Keep roll bar in raised position.
- KEEP ALERT and AVOID hitting stumps, holes, ruts, and uneven terrain.
- ALWAYS BUCKLE UP seat belt.
- STAND CLEAR when removing transport latch, lowering or raising wings.
- CLEAR AREA of bystanders before lowering implement wings.
- IMPLEMENT CAN FALL from hydraulic failure or accidental operation of controls.
- BLOCK UP and securely support equipment before putting hands, feet or body under raised equipment or lifted components.









PARA EVITAR LESION SERIA O MUERTE:

- USE un tractor equipado con Estructura Protectora Contra Vuelcos ("ROPS") incluyendo barra antivuelco y cinturon de seguridad. Mantenga la barra antivuelco en la posicion elevada.
- MANTENGASE ALERTO y EVITE golpes en troncos, agujeros, pozos o terreno en desnivel.
- SIEMPRE ABROCHE el cinturón de seguridad.
- PERMANEZCA ALEJADO al quitar el seguro de transporte, y al bajar o subir las alas.
- DESOCUPE el ÁREA de personas presentes antes de bajar las alas del implemento.
- EL IMPLEMENTO SE PUEDE CAER por el mal funcionamiento hidraulico o operacion accidental de los controles.
- BLOQUEE y soporte con seguridad el equipo antes de poner manos, pies o cuerpo debajo del equipo o componentes levantados.

A DANGER

CRUSHING HAZARD AND PINCH POINTS



TO AVOID SERIOUS INJURY OR DEATH:

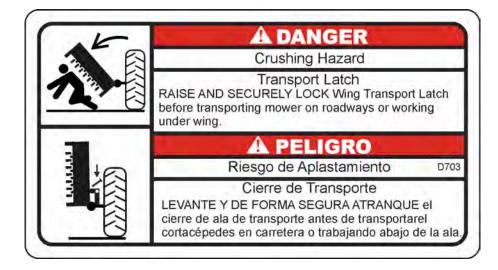
 KEEP AWAY from moving machinery parts that can pinch, crush or fall.

A PELIGRO

RIESGOS DE APLASTAMIENTO Y PUNTOS DE PELLIZCO

PARA EVITAR LESION SERIA O MUERTE:

 MANTENGASE ALEJADO de piezas moviles de la maquina que pueden peliscar, aplastar o caerse.



AWARNING

A ADVERTENCIA

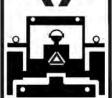
TO AVOID SERIOUS INJURY AND DEATH DURING TRANSPORTATION:

- ALWAYS BUCKLE UP seat belt.
- PLACE wing securely in Transport latch and turn off master switch.
- CHECK SMV sign, reflectors and warning lights for visibility behind unit.
- TURN ON tractor flashing warning lights.

TO AVOID LOSS OF TRANSPORTATION CONTROL:

- DO NOT travel at speeds over 20 mph.
- REDUCE SPEED on inclines, in turns and in poor weather conditions.







PARA EVITAR LESION SERIA Y MUERTE DURANTE LA TRANSPORTACION:

- SIEMPRE ABROCHE el cinturón de seguridad.
- COLOQUE el brazo serguramente en transporte y apague el interruptor principal.
- VERIFIQUE QUE EL SMV, reflectors, y luces intermitentes de advertencia pueden ser vistos claramente por detras de la unidad.
- PRIENDA las luces intermitentes de advertencia.

PARA EVITAR LA PÉRDIDA DEL CONTROL DE TRANSPORTACION:

- NO remolque en velocidades arriba de 20 mph.
- REDUZCA LA VELOCIDAD en inclinas, en vueltas y en pobres condiciones de remolque.

AWARNING

A ADVERTENCIA

TO AVOID SERIOUS INJURY AND DEATH DURING OPERATION:

- DO NOT lift implement while on steep slopes.
- KEEP AWAY from soft ditch banks and holes.
- ALWAYS MAINTAIN 20% of tractor weight on front wheels.
- DO NOT start or accelerate suddenly.
- KEEP mower AT LEAST 10 FEET AWAY from electric lines and pipe lines





PARA EVITAR LESION SERIA Y MUERTE DURANTE LA OPERACION:

- NO levante el implemento al estar en pendientes pronunciados..
- MANTENGASE ALEJADO DE agujeros y zanjas blandas..
- MANTENGA SIEMPRE el 20% de peso del tractor en las ruedas delanteras.
- NO comience ni acelere repentinamente.
- MANTENGA la unidad, por lo menos 10 pies de distancia de las líneas electricas y líneas de tubo.

A WARNING

A ADVERTENCIA

TO AVOID EQUIPMENT AND GRASS FIRES:

 CLEAR AWAY grass or debris from hydraulic lines, circuits and decks.

TO AVOID FIRE IGNITION:

- DO NOT ALLOW BLADES TO CONTACT rocks, metal or solid objects.
- DO NOT ALLOW OIL TO SPRAY on hot equipment or components.

My.

PARA EVITAR INCIENDOS DE EQUIPO Y CÉSPED:

 QUITE el césped y escombros de las líneas hidraulicas, circuito, y las cubiertas.

PARA EVITAR INCIENDOS POR IGNICIÓN:

- NO PERMITA QUE LAS CUCHILLAS CONTACTEN piedras, metal o objectos solidos.
- NO PERMITA QUE EL ACEITE CAIGA en el equipo o componentes calientes.

D699 3

D699

A DANGER

A PELIGRO

KEEP AWAY Entanglement Hazard

MANTENGASE ALEJADO Riesgo de Enredamiento

TO AVOID SERIOUS INJURY OR DEATH:

- DO NOT operate without guards in place and in good condition.
- STAY AWAY and KEEP hands feet and body AWAY from rotating blades, drivelines and parts that continue to move after power shut-off. WAIT until all moving elements have stopped.
- STOP, LOOK and LISTEN for rotating motion before approaching implement.
- STOP ENGINE and PTO, engage parking brake, lower implement, allow all moving parts to stop and remove key before dismounting from tractor.



PARA EVITAR LESION SERIA O MUERTE:

- NO opere sin la cubierta protectora en su lugar y en buen estado.
- MANTENGASE ALEJADO y MANTENGA manos, pies y cuerpo LEJOS de las cuchillas girando, lineas de conducción, y partes que siguen moviendose depués de que el poder es apagado. ESPERE hasta que todos los elementos móviles se han parado.
- DETENGASE, OBSERVE y ESCUCHE por el movimiento de rotación antes de acercarse al implemento.
- PARE EL MOTOR y el Toma De Fuerza (Barra Gitatoria) active el freno de mano, baje el implemento, y permita que todas las partes móviles se paren y quite la llave antes de desmontar del tractor.





D687

A DANGER A PELIGRO

Run Over Hazard Injury or Death

Riesgo de Atropello Lesión o Muerte

TO AVOID SERIOUS INJURY OR DEATH:

- ALWAYS USE Roll Over Protective Structure ("ROPS") including ROLL BAR and SEAT BELT equipped tractors for mowing operations.
- ONLY START Tractor while seated in the operator's seat.
- DO NOT MOUNT or DISMOUNT Tractor in motion
- NEVER ALLOW riders on tractor or implement.
- NEVER ALLOW children to operate or ride on tractor or implement.
- KEEP BYSTANDERS CLEAR of area before moving tractor or implement.
- STOP ENGINE AND PTO, engage parking brake, lower implement, allow all moving parts to stop and remove key before dismounting from tractor.







PARA EVITAR LESION SERIA O MUERTE:

- SIEMPRE USE tractors equipados con una Estructura Protectora Contra Vuelcos ("ROPS") incluyendo BARRA ANTIVUELCOS y CINTURON DE SEGURIDAD al segar.
- SOLO ENCIENDA el tractor mientras que esta sentado en el asiento del operador.
- NO MONTE o DESMONTE el tractor en movimiento.
- NUNCA PERMITA pasajeros en el tractor o implemento.
- NUNCA PERMITA que niños operen o se monten en el tractor o implemento.
- MANTENGA LAS PERSONAS PRESENTES LEJOS de la area antes de mover el tractor o implemento
- PARE EL MOTOR Y Toma De Fuerza (Barro Gitatoria), aplique el freno de mano, baje el implemento, y deje que todas las partes movil paren completamente, y quite la llave antes de desmontar el tractor.

A DANGER

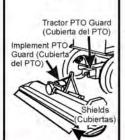
A PELIGRO

TO AVOID SERIOUS INJURY OR DEATH FROM ENTANGLEMENT AND THROWN OBJECTS:

- DO NOT OPERATE mower without shields and guards in place and in good condition.
- DO NOT OPERATE with thrown object shielding or guards missing.
- Thrown objects shielding, PTO and gearbox guarding are SUBJECT TO WEAR.
- REPAIR OR REPLACE shielding if damaged, broken or missing. See Operator's Manual for all Shields and Guards.
- ALWAYS REPLACE GUARDS that have been removed for service or maintenance.
- DO NOT STEP ON drivelines or guards. D696_1







PARA EVITAR LESION SERIA O MUERTE POR ENREDAMIENTO Y OBJETOS LANZADOS:

- NO OPERE la unidad sin cubiertas maya protectoras en su lugar y en buenas condiciones.
- NO OPERE sin las cubiertas de objetos lanzados o si faltan las maya protectoras.
- Cubierta de Objetos Lanzados, Toma De Fuerza (Barra Gitatoria) y guardias de caja de engranaje son SUJETO AL DESGASTE.
- REPARE O REEMPLACE cubiertas si son dañadas, quebradas, o si faltan.
- SIEMPRE REEMPLACE CUBIERTAS que han sido quitadas para servicio o mantenimiento.
- NO PISE EN las líneas de conducción o cubiertas.

A DANGER

A PELIGRO

TO AVOID SERIOUS INJURY OR DEATH:

- READ AND UNDERSTAND the provided Operator's Manuals, safety signs and information decals for tractor and implement before operating equipment.
- CONTACT DEALER immediately if you do not have manuals.
- CONTACT DEALER to explain any instructions not fully understood.
- KNOW HOW to stop tractor and equipment quickly for an emergency.
- ALWAYS WEAR safety glasses.
- WEAR hard hat, safety shoes and gloves for protection when operating equipment.





PARA EVITAR LESION SERIA O MUERTE:

- LEA Y ENTIENDA el Manual de Operador proporcionado, signos de seguridad y calcomanias informativas para el tractor y implemento antes de operar el equipo.
- CONTACTE AL DISTRIBUIDOR imediatamente si no tiene los manuales.
- CONTACTE AL DISTRIBUIDOR para que le explique cualquier instrucciónes que no entiende completamente.
- ENTIENDA COMO parar el tractor y equipo rapidamente en caso de una emergencia.
- SIEMPRE USE lentes de seguridad.
- USE un casco, zaptos de seguridad y guantes para su protection cuando esta operando el equipo.

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A DANGER

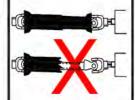
A PELIGRO

TO AVOID SERIOUS INJURY OR DEATH FROM DRIVELINE CONTACT, DRIVELINE SEPARATION OR PTO STUB SHAFT FAILURE:

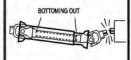
- STOP, LOOK and LISTEN for rotating motion before approaching implement.
- STAY AWAY and KEEP hands, feet and body AWAY from rotating parts until all moving elements have stopped.
- ALWAYS shut off PTO before dismounting.
- DO NOT operate if PTO shields are damaged or missing.
- LOCK DRIVELINE locking collar YOKE to tractor PTO Shaft.
- PUSH AND PULL on yoke until collar clicks and locks yoke in place.
- USE CORRECT length drivelines for implement. (See Operator's Manuals for procedure)
- CHECK driveline guards for free rotation and sufficient overlap to avoid unshielded areas.
- DO NOT USE PTO ADAPTER

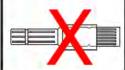
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PARA EVITAR LESION SERIA O MUERTE POR CONTACTO A LA LÍNEA DE CONDUCCIÓN, SEPARACION DE LÍNEA DE CONDUCCIÓN O EL FRACASO DEL EJE DE PTO:

- PARE, MIRE y ESCUCHE por el movimiento de rotación antes de acercarse al implemento.
- MANTENGASE ALEJADO y
 MANTENGA manos, pies y cuerpo
 LEJOS de partes girando, hasta que
 todos los elementos de movimiento se
 han parado.
- SIEMPRE apage la Toma De Fuerza (Barra Gitatoria) antes de desmontar.
- NO opere si las cubiertas de Toma De Fuerza (Barra Gitatoria) estan dañadas.
- TRABE el YUGO de collar de fijación del la LÍNEA DE CONDUCCIÓN al eje de PTO (Barra Gitatoria) del tractor.
- EMPUJE Y JALE el yugo hasta que el collar de fijación hace clic y el yugo se traba en lugar.
- USE la longitude de línea de conducción CORRECTA para el implemento.(Vea el Manual de Operador para el Procedimiento)
- REVISE las guardias de línea de conducción por giracion libre y sufficiente traslape para evitar areas sin cobertura.
- NO UTILICE UN ADAPTOR PARA LA TOMA DE FUERZA (Barra Gitatoria).

AWARNING

A ADVERTENCIA

OPERATE THIS MACHINE AT

540 RPM

TRACTOR PTO SPEED ONLY.
Overspeeding PTO may cause component failure resulting in bodily injury. TRACTOR PTO ROTATION: CLOCKWISE



OPERE ESTA MÁQUINA A

540 RPM

SOLAMENTE OPERE ESTA MÁQUINA A LA VELOCIDAD DE PTO (TOMA DE FUERZA O BARRA GITATORIA) DEL TRACTOR DE 540 RPM. El sobre exceso de velocidad de PTO puede causar el fracaso de componente que resultara en lesión. ROTACION DE PTO DEL TRACTOR: EN SENTIDO HORARIO

D547

AWARNING A ADVERTENCIA

TO AVOID SERIOUS INJURY OR DEATH FROM HIGH PRESSURE HYDRAULIC OIL LEAKS PENETRATING SKIN:

- DO NOT OPERATE equipment with oil or fuel leaks.
- KEEP all hydraulic hoses, lines and connections in good condition and tight before applying system pressure.
- Relieve hydraulic pressure before disconnecting lines or working on the system
- REMOVE and replace hose if you suspect it leaks. Have dealer test it for leaks

HIGH PRESSURE FLUID LEAKS CAN BE INVISIBLE. WHEN CHECKING FOR HYDRAULIC LEAKS AND WORKING AROUND HYDRAULIC SYSTEMS:

- DO NOT use hands to check for leaks.
- · ALWAYS WEAR safety glasses and impenetrable gloves.
- USE paper or cardboard to search for
- KEEP hands and body AWAY from pin holes and nozzles ejecting hydraulic
- Hydraulic fluid may cause gangrene if not surgically removed immediately by a doctor familiar with this form of injury.





- NO OPERE el equipo con fugus de aceite o combustible.
- MANTENGA todas las mangueras hydráulicas, líneas y conexiones en buenas condiciones y apretadas antes de aplicar presión al sistema.
- Releve la presión hidráulica antes de desconectar las líneas o trabajar en le sistema.
- QUITE y reemplace la manguera si sospecha que hay fuga.

FUGAS DE ALTA PRESIÓN PUEDEN SER INVISIBLE. AL VERIFICAR POR **FUGAS HIDRAULICAS Y** TRABAJANDO ALREDEDOR DE SISTEMAS HIDRAULICOS:

- NO use las manos para verificar si hay agujeros.
- SIEMPRE USE lentes de seguridad y guantes impenetrables.
- USE papel o un cartón para buscar agujeros.
- NO USE las manos o partes del cuerpo para buscar agujeros.
- MANTEGA manos y cuerpo LEJOS de agujeros de alfiler y boquillas que expulsan el liquido hidráulicos.



DANGER

PELIGRO Riesgo de Aplastamiento

Lesion o Muerte

Crushing Hazard - Injury or Death

TO AVOID SERIOUS INJURY OR DEATH:

- STAND CLEAR when removing transport latch, lowering or raising wings.
- CLEAR AREA of bystanders before lowering implement wings
- IMPLEMENT CAN FALL from hydraulic failure or accidental operation of controls.
- BLOCK UP and securely support equipment before putting hands, feet or body under raised equipment or lifted components.
- SECURELY ENGAGE transport latch before transportation or working under wing.
- FILL CYLINDERS with oil before attempting to lower implement wings.
- DO NOT OPERATE in transport position or with wings off ground.





PARA EVITAR LESION SERIA O MUERTE:

- MANTENGASE LEJOS al quitar el cierre de transporte, bajando y devantando las alas.
- DESOCUPE EL AREA de personas presentes antes de bajar las alas del implemento.
- EL IMPLEMENTO PUEDE CAER del fracaso hidráulico o por operación accidental de controles
- BLOQUEE y soporte con seguridad antes de poner manos, pies o cuerpo debajo del equipo de componentes levantados.
- CON SEGURIDAD ACTIVE el cierre de transporte antes de la transportacion o trabajar debajo de las alas.
- LLENE LOS CILINDROS con aceite antes de intentar de bajar las alas del implemento.
- NO OPERE en posicion de transporte o con las alas devantadas del la tierra.

Federal Laws and Regulations

This section is intended to explain in broad terms the concept and effect of federal laws and regulations concerning employer and employee equipment operators. This section is not intended as a legal interpretation of the law and should not be considered as such.

Employer-Employee Operator Regulations

U.S. Public Law 91-596 (The Williams-Steiger Occupational and Health Act of 1970) OSHA

This Act Seeks:

"...to assure so far as possible every working man and woman in the nation safe and healthful working conditions and to preserve our human resources..."

DUTIES

Sec. 5 (a) Each employer-

- (1) shall furnish to each of his employees employment and a place of employment which are free from recognized hazards that are causing or are likely to cause death or serious physical harm to his employees;
- (2) shall comply with occupational safety and health standards promulgated under this Act.
- (b) Each employee shall comply with occupational safety and health standards and all rules, regulations and orders issued pursuant to this Act which are applicable to his own actions and conduct.

OSHA Training Requirements

Title 29, Code of Federal Regulations Part 1928.57(a)(6). www.osha.gov

Operator instructions. At the time of initial assignment and at least annually thereafter, the employer shall instruct every employee who operates an agricultural tractor and implements in the safe operating practices and servicing of equipment with which they are or will be involved, and of any other practices dictated by the work environment.

Keep all guards in place when the machine is in operation;

Permit no riders on equipment

Stop engine, disconnect the power source, and wait for all machine movement to stop before servicing, adjusting, cleaning or unclogging the equipment, except where the machine must be running to be properly serviced or maintained, in which case the employer shall instruct employees as to all steps and procedures which are necessary to safely service or maintain the equipment.

Make sure everyone is clear of machinery before starting the engine, engaging power, or operating the machine.

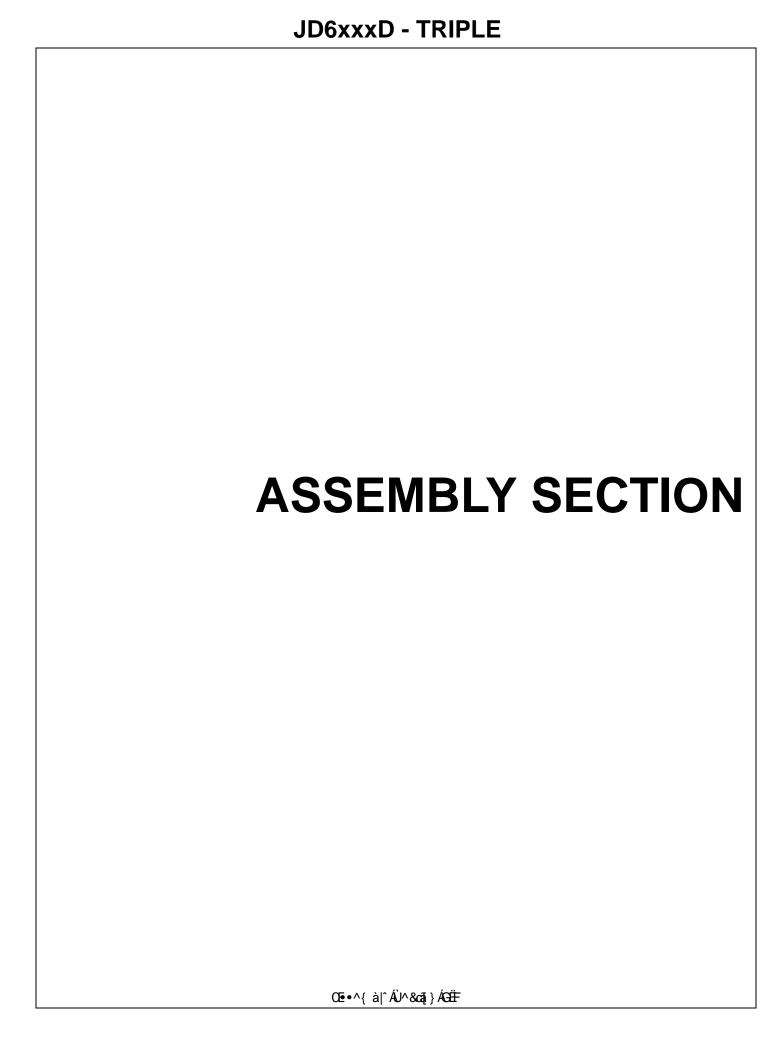
Employer Responsibilities:

To ensure employee safety during Tractor and Implement operation, it is the employer's responsibility to:

- 1. Train the employee in the proper and safe operation of the Tractor and Implement.
- Require that the employee read and fully understand the Tractor and Implement Operator's manual.
- 3. Permit only qualified and properly trained employees to operate the Tractor and Implement.
- 4. Maintain the Tractor and Implement in a safe operational condition and maintain all shields and guards on the equipment.
- 5. Ensure the Tractor is equipped with a functional ROPS and seat belt and require that the employee operator securely fasten the safety belt and operate with the ROPS in the raised position at all times.
- 6. Forbid the employee operator to carry additional riders on the Tractor or Implement.
- 7. Provide the required tools to maintain the Tractor and Implement in a good safe working condition and provide the necessary support devices to secure the equipment safely while performing repairs and service.
- 8. Require that the employee operator stop operation if bystanders or passersby come within 300 feet.

Child Labor Under 16 Years of Age

Some regulations specify that no one under the age of 16 may operate power machinery. It is your responsibility to know what these regulations are in your own area or situation. (Refer to U.S. Dept. of Labor, Employment Standard Administration, Wage & Home Division, Child Labor Bulletin #102.)



ASSEMBLY

Before attempting to mount your Tiger mower, it is important to read and understand all of the safety messages in the Safety Section of this manual.

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≜WARNING

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TRACTOR PREPARATION

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- ÔÈ Ü^{[ç^Án}}*ã,^Ánãa^Án,aa}^|•ÉA,¦Áaæā^ÁQQ[åÁq,Áæ&&^•Á4;[}ơÁ,*||^^È
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- ÒÈ Ü^{ [ç^Ása}^Á;[} oÁ, ^āt @ Ása} åÁ, ^āt @Á*]][¦o•È

ADJUSTING REAR WHEELS

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CRANKSHAFT ADAPTER

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DRIVESHAFT AND FRONT PUMP MOUNTING

CAUTION: DO NOT START THE TRACTOR UNTIL ALL HOSES ARE ATTACHED, TANK IS FILLED WITH PROPER OIL AND BALL VALVES ARE OPEN! STARTING AT THIS TIME WILL CAUSE SERIOUS DAMAGE TO THE PUMP. (ASM-C-0091)



HYDRAULIC TANK INSTALLATION

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HANGER FRAME

MOUNTING BRACKET

COOLER MOUNTING

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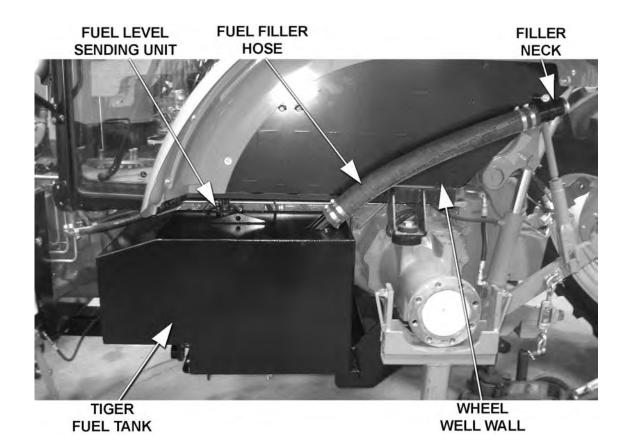


REPLACING LEFT SIDE FUEL TANK

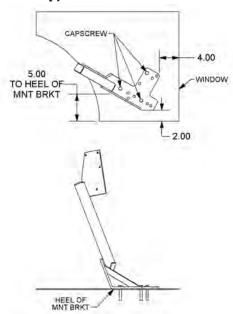
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CABLE CONTROL LEVER STAND



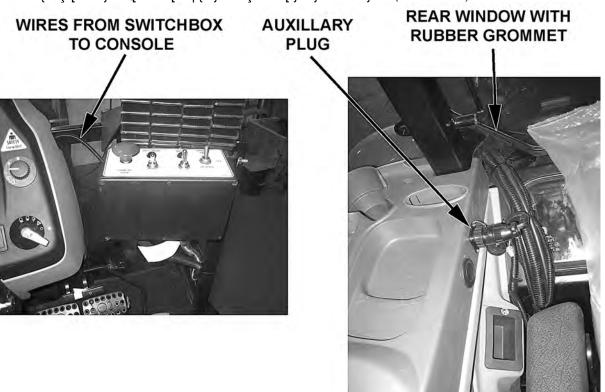




SWITCHBOX WIRING

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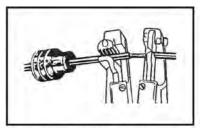


WEATHER-PACK / METRI-PACK ASSEMBLY

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NOTE: Use the specific tool for the type of connector you are assembling.

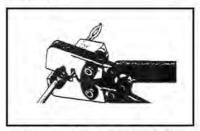
(ASM-C-0009)



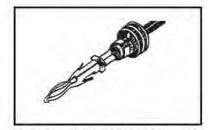
1. Apply seal to cable, before stripping insulation.



2. Align seal with cable insulation.



3. Put terminal in crimping tool, then position wire and seal in place.



4. Crimp and visually inspect for a good crimp before installing in connector body.

SIDE MIRROR REMOVAL

VALVE MOUNTING

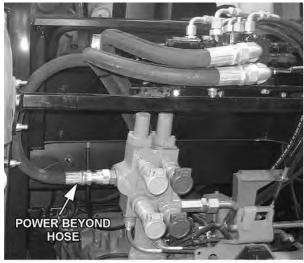
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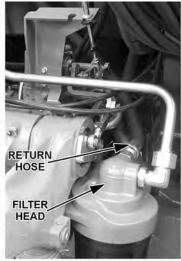


FENDER MODIFICATION



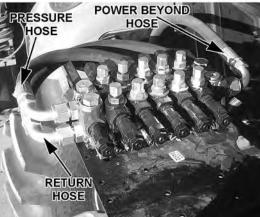
TRACTOR PLUMBING





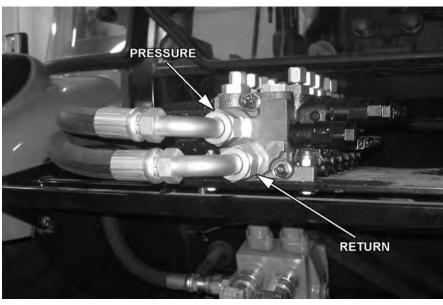






MANUAL LIFT VALVE PORTS

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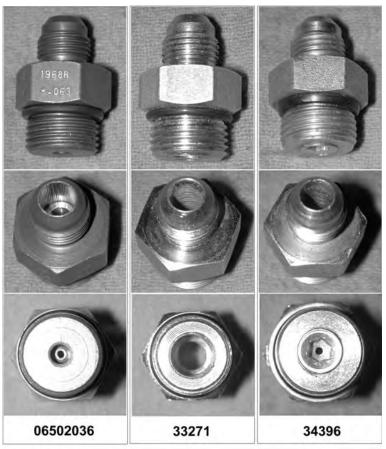


(ASM-C-0102 JD6xxxD)

MANUAL SWITCHBOX MOUNTING



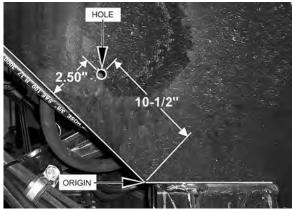
NOTE ON HUSCO CONTROL VALVES

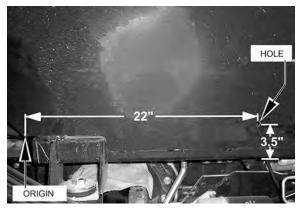


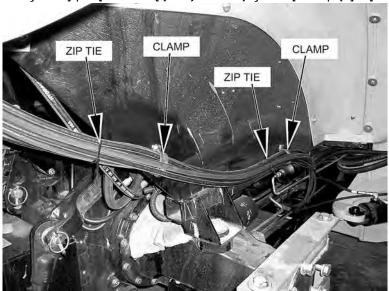
HOSE AND WIRE ROUTING

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NOTE: DO NOT CUT INTO TUBES / HOSES / WIRES WHEN DRILLING THROUGH METAL OR PLASTIC! DO NOTE: DO NOTE:







WHEEL SPACER WITH WHEEL WELL TANK

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INSTALLING O-RING FITTINGS

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INSTALLING NATIONAL PIPE FITTINGS

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GENERAL HOSE INSTALLATION

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HOSE COVERING

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SOLENOID BRAKE VALVE

TEMPERATURE GAUGE MOUNTING QUÚVQUE CEŠD

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CONTINUOUS DUTY SOLENOID SWITCH

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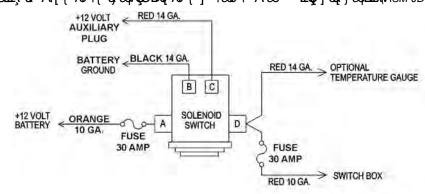




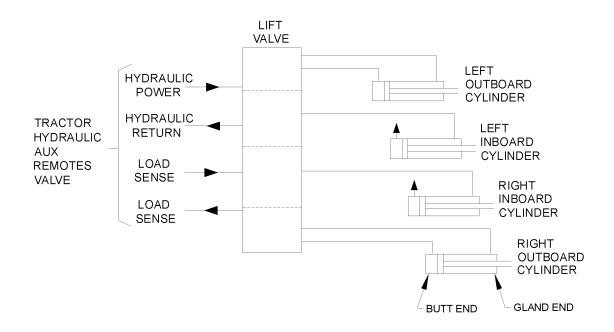
MOUNTING LOCATION OF SOLENOID SWITCH

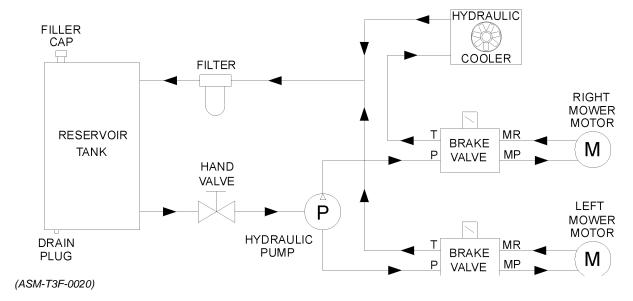
MOUNTING BRACKET

SOLENOID



TRIPLE FLAIL HYDRAULIC DIAGRAM



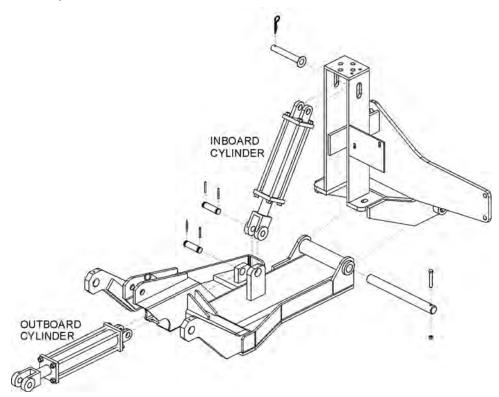


DRAFT BEAM INSTALLATION

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DRAFT BEAM MOUNTING

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LIMIT SWITCH MOUNTING

ASSEMBLING LIMIT SWITCH

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ADJUSTING LIMIT SWITCH

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-[||[, ^!Áã ^Á, ŒĀ^Á, ŒĀ^ÁQ |åā, *Á[||[, ^!Ásē æā] • OÁSæ€, Á, ^æè
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WIRING LIMIT SWITCH

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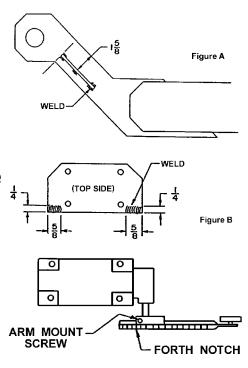
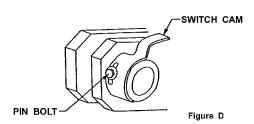
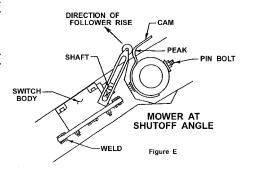
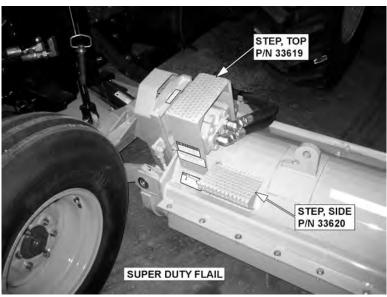


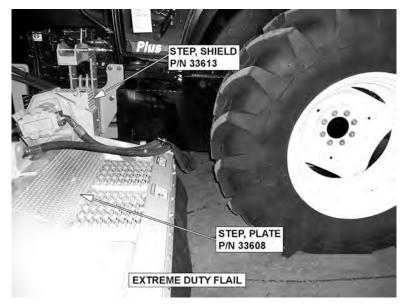
Figure C



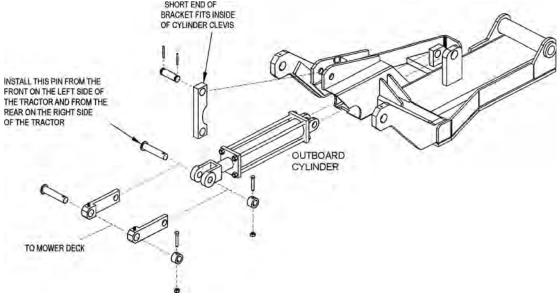


LEFT SIDE FLAIL STEPS





MOWER MOUNTING



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LIFT CONTROL FEEDLINES

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 $Q \bullet cad|\hat{A} = \hat{A} =$

Q;• cæļlÁsæÁQ;•^Á¦[{Ás@Á]]^\Á\;\Á\`c^\Áşæţc^Á;[¦oÁt[Ás@Á^•dæð;\Á;}Ás@Á\`cà[æåÁ&û|ājå^\Ás`ccÈ Ù^^ÁUæð;• ÁÛ^&cā]}Á[;\Á;æðó,`{à^\•Áæ}åÁQ;•^Á[`cā;*Áij]`•dæði}}•ÈÁASM-C-0093)

TRAVEL LOCK INSTALLATION

 $\ddot{\gamma}[\ \ \ \dot{A}\ \ \ \ \dot{A}\ \ \dot{A}\ \ \ \dot{A}\ \ \ \dot{A}\ \ \ \dot{A}\ \$

 $F \ \dot{E} \ T \ [\ \dot{A} \ \dot{A$

Œ Üæã^ÁļæãÁã[}}^œÁ]Á[Á@ãÁ@ã@•œÁ[•ãã]}È

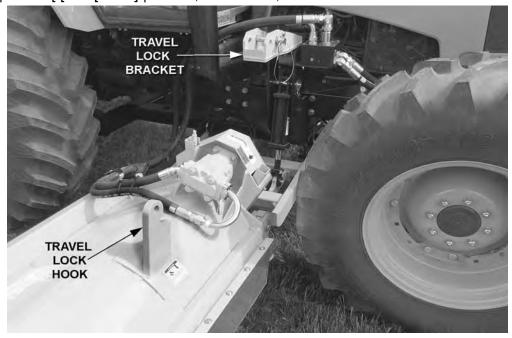
HÈ Šị ^ há là à chá nág Á& jā å n l • ÁF ËF ĐĐÁ 8 & . • ÁF l Ád æç n lÁ 1 & ÁQ [\ Á& næ að & È

IÈT[ˇ} ơÁc@ ÁQP[\Ág Ác@ Áclæe^|Ág &\Áslæ&\^cÁ, ãc@Áclæe^|Ág &\Ájā, Ásp Ág Áslæ&\È

ÍȊø^Á;]Áx@^Ád¸æç^ÍÁ;[&\Á;)ææ^Ád;[Áx@ææÁæÁæ Á&^}c^\^åÁ¸ãx@Áx@Ádæç^ÍÁ;æç^ÍÁ;&\ÁQP[\Á;}Áræ&@ ●ãå^È

ÎÈY^|åÁs@^Á,|æe^•Ás[Ás@^Áà[}}^o•È

ÏÈY^|åÁs@ÁQ][\•ÁţÁs@Á||怕È (ASM-T3F-0025a)



DECK / MOTOR FEEDLINE

 $Q \bullet cad| \acute{a}c@ \acute{A}F + \acute{A}Q \bullet \land \bullet \acute{A}' [\{ \acute{a}c@ \acute{A} [\ c[\ a] \acute{a}c@ \acute{A} [\ a] \land a \acute{a}c@ \acute{A}] | 38 acai] \grave{A}$

Q+ czel|Á| |ãÁQ+^+Ázel[*} åÁ@ ålæ |ãÁQ+^+Á; @\^Áx@^Á&[} cze&A @eb] Á\å*^+ÉA; Áze)^Á; c@\Á ^å*^+Áx@exÁ; æÂ`àÁQ+^+È

 $\acute{O}^{\acute{A}}^* | ^{\acute{A}}_{COC} / ^{\acute{A}}_{CO$

②\$\\\dag{\alpha}\d

① ② &\ Áṭ ¦Áṭ āḥÁ\ æà • ÁægÁæḥ |Áāīcā; * • Áæ; å Á&[} } ^ &cāṭ } • Á • ā; * Áæф, ā * &\ Á; -Á; æṭ ^ ¦Á; ¦Á&æ¸ å à [æѣ ÀŒÁæḥ A | / æѣ Áŧ Áṭ ´ } å ÉĀ [ˇ Á; ˇ • ơ♠ ② ơՖ[¸ } Á∞ Át ææð ṭ lÁæ; å Á ^ ơ♠ ② Á&¸ cơ\ Á ② Áѣ [ˇ Á; ˇ • ơ♠ ⑥ ÓՖ [¸ } Á∞ Át ææð ṭ lÁæ; å Á ^ ơ♠ Ø Ág Ág Áæ; å Å ^ o♠ Æṭ [ˇ Å Ď Áœ Áæ; æð Ác Ø Áææḥ å | • Áð ^ ç^ læḥÁæṭ ^ • Áṭ Áð | āð ç^ Áæ; ☐] ¦^•• * | ^ Áṣ Ác Ø Áṭ ^ • ÈÁDO NOT USE HANDS TO CHECK FOR FLUID LEAKS!

Üzannan Ác@ Ác@^^Á;[ã, cÁ@a&@Á æ) åÁ&@ &\ Ác@ Ádæ&c[¦Áã, c^¦}æ‡Á@ 妿ĕ þæða þæða þá, l[]^¦Áþ^ç^þÁæ-}^^å^å Þæða Ac-c-0079)

FINAL PREPARATION FOR OPERATION

AWARNING

 $\dot{O}\dot{O}\dot{O}\dot{U}\ddot{U}\dot{O}\dot{A}$ cæt cā, * \dot{A} ; \dot{A} ; \dot{A} ; * \dot{A} ;

BE SURE THE BALL VALVES ARE OPEN! Ù cæb ớk læs $4 \pm 6 \pm 6 \pm 6$ 4 ± 6 $4 \pm 6 \pm 6$ 4 ± 6 4

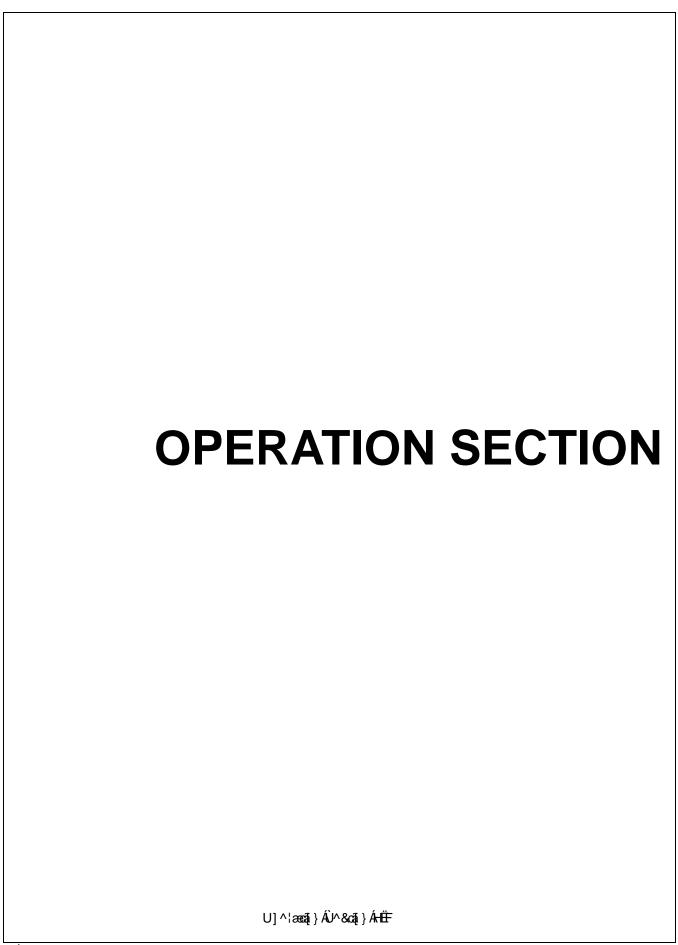
 $Q\hat{h}_{\overline{b}}\hat{h} \wedge a\hat{h}_{\overline{b}}\hat{h} \wedge a\hat{h}_{\overline{b}}\hat{h$

MOWER TESTING

 $\label{eq:label_label} $$ \end{cases} $$ $$ \end{cases} $$ \end{cases} $$ $$ \end{cases} $$ \end{cases} $$ $$ \end{cases} $$ $$ \end{cases} $$ \end{cases}$

If any parts of this Assembly Section, or any other section of this manual are not clearly understood you must contact your dealer or the address on the front of this manual for assistance!(ASM-C-0010)





TIGER TRIPLE FLAIL MOWER OPERATING INSTRUCTIONS

 $\begin{array}{l} V@r \acute{A} \wedge \&cai_{1} \acute{A}_{i} \acute{A}@\acute{A}_{1} \wedge id_{1} \wedge id_{2} \acute{A}_{i} \acute{A}_{$

READ AND UNDERSTAND THE ENTIRE OPERATING INSTRUCTIONS AND SAFETY SECTION OF THIS MANUAL AND THE TRACTOR MANUAL BEFORE ATTEMPTING TO USE THE TRACTOR AND IMPLEMENT. $Q^{A}[\dot{A}_{0}] = (\dot{A}_{0}) = (\dot{A$



A PELIGRO

UãA, [A^^A¸ * |^• EA, ãã æa&sê` å æa&sææ†* ã^} A`^A ãA[A^æA, æbæA`^A^Adæå`: &æa4æ* { ^å ãã æ Ás^Á^* ` ¦ãã æå Ēqùŏ#o



VÜQÚŠÒÁØŠOÆŠ

U] ^ lædai } ÁÙ ^ & cai } ÁHËG

1. OPERATOR REQUIREMENTS

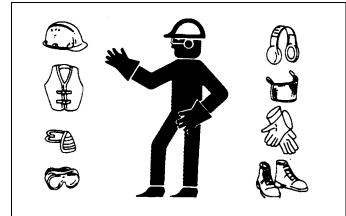
\`\\ \arti_\\ \arti_\

 $\begin{array}{l} G_{A}(\mathcal{A}_{1})^{1} = \{ [A_{A}(\mathcal{A}_{2})^{2}] & A_{A}(\mathcal{A}_{2})^{2} = A_{A}(\mathcal{A}_{2})^{2} + A_{A}(\mathcal{A}_{2})^{2} \\ A_{A}(\mathcal{A}_{2})^{2} = A_{A}(\mathcal{A}_{2})^{2} \\ A_{A}(\mathcal{A}_{2})^{2} \\ A_{A}(\mathcal{A}_{2})^{2} = A_{A}(\mathcal{A}_{2})^{2} \\ A_{A}(\mathcal{A}$

Ùæ^Á;]^¦ææā;}Á;-Á^``āļ{^}ơÁ^``ā^•Áo@æeÁc@Á;]^¦ææ[¦Á,^æéÁæð]]¦[ç^åÁÚ^¦•[}æ¢ÁÚ¦[ơ&æāç^ÁÒ``āļ{^}ơÁÇÚÚÒE -{¦Áo@ÁyàÁ&[}åãāā;}•Á,@}Áœæææ&@;*ÊÃ;]^¦ææā;*ÊÁ*^¦çã&ā;*ÊÁæð;åÁ^]æáāā;*Áo@Á^``āj{^}œÈÁÚÚÒÁárÁá*^•ā?}^åÁq]¦[çãã^Á;]^¦ææ[¦Á;¦[ơ&æā;}Áæð;åÁa;&|°å^•Áo@Á[||[ā]*Á*æ^ĉÁ,^æ6K

PERSONAL PROTECTIVE EQUIPMENT (PPE)

- ″ OŒ, æê•ÁY^ækÁÙæ^ĉÁŐ|æ•^•
- ″ PælåÆPænc
- ″ Ùc^^|Á/[^ÁÙæ^cÂØ[[ç,^æl
- ″ Õ∥ ç^•
- ″ P^æ-a}a,*ÁÚ¦[c^&ca[a]}
- ‴Ô|[•^ÁØãcã}*ÁÔ|[c@3}*
- $\ddot{U}^{\bullet}] \tilde{a} = \{ \dot{A} [\dot{A} \otimes \tilde{a} \otimes \dot{A} \times \tilde{A}]^{\bullet} \hat{a}^{\bullet} \hat{A}] \} \hat{a} \bullet \hat{A}] \} \hat{a} \bullet \hat{A}]$



A DANGER



VÜØJŠÒÁØŠOÆŠ

U]^\aea[\}\A\\\^&ca[\}\A\\\\

2. TRACTOR REQUIREMENTS

 $Q_{A} = \frac{1}{4} \left[A_{A} + A_{A} +$

Tractor Requirements and Capabilities

- CEÙOEÓÒÁæ]] | [ç^åÄÜ[||ËÜç^¦ÁÚ| [c^&cæç^ÁÚd* &c ¦^ÁQÜUÚÙDÁ; ¦ÁÜUÚÙÁ&æàÁæ) åÁr^ææÁa^|cÈ
- ✓ Vlæ&q ¦ÁÚæ^c ÁÖ^çã&^• ÉÉÉÉÉÉÉÉÉÉÚVUÁ; æ•c^¦Á•@ã\jå
- ″ V¦æ&q¦ÁP[¦•^][, ^¦⊞⊞⊞⊞⊞⊞⊞ÎÍÁPÚÁTāÁÜ^&[{{^}}å^å
- ″ Ú[^¦Á⁄æ ^ÁJ~
 1 €ÁÜÚT

2.1 ROPS and Seat Belt

 $V@Atasac[lA(``\bullet cha^A```a]^a, ac@heAU[||EUc^lEU|[c^kacac^EUc^s &c'l^ACUUÚDAC|asac[lAsachA:A[||EasDhe) aA^acac a^lAcac ah. Acac ah. Acac$







2.2 Tractor Safety Devices

QÁta)•][¦cā]*Á[lÁt]^¦æcā]*Ás@Átæ&ct[¦Áse)åÁst]|^{ ^}, cá, ^æÁsæÁ, `à|æAí[æå, æêÉss@Átæ&ct[¦Aí `•cÁs^Ár` ǎ]]^åÁsæ@]¦[]^¦Á, æè}ā]*Átā @æā]*Áæè)åÁæÁÙ|[¸ÁT[çā]*Áx^@æN^ÁÇÙTXDÁ\{à|^{ Á @æ&@Áse}^ÁsN|^æe|^Áçãa āa|^Á+[{ Ác@^Á^æeÁ; ~ c@^Á'}ānŽÁŠā @æ^Áæè)åÁæÁÙTXÁ\{à|^{ Á `•cÁs^Ár` ǎ]]^åÁsā^&cţ^Át}Ást]|^{ ^}, cªÁsÁs@Áçãa āaājācÁt, Ác@Actæ&ct; æè}ā]*Átā}æÞÁse¢^Átà*&*.

Tænāj cænāj ÁndļÁ; ænj ˇæssc ¡^¦Ánˇˇāj]^å Ánæn^c Án @ān |å•Ánd) å Ánť ǎdå•ÈÁnOE, æni Án] |æss^Án @ān |å•Ánd) å Ánť ǎdå•Ándænáj ^¦^ ¦^{ [ç^åÁn[¦Ánd&ss^••Án[Ás[}}^sscÉn |án] æni Ánd) æni Ánd) ánd æni Án

2.3 Tractor Horsepower

VÜØJŠÒÁØŠOÆŠ

U] $^{\perp}$ aga $^{\parallel}$ } $\hat{A}\hat{U}$ \(^{\lambda} aga $^{\parallel}$ } \hat{A} $+\hat{H}\hat{H}$

A DANGER

AWARNING

\(\overline{A}_{\text{i}} \\ \alpha^{\text{a}}_{\text{a}} \\ \

3. GETTING ON AND OFF THE TRACTOR

Ó^{¦^Á'^cœa}*Á;}q[Ác@Ádæ&d[¦Êko@Á;]^¦æe[¦Á; *•cÁ^æåÁæ}åÁ&[{]|^c^|^Á;}å^¦•œæ}åÁc@Áā[]|^{ ^}c^Áæ}åÁdæ&d[¦ []^¦æe[¦Á;æ)*æ#ÞÉÁGÁæ}^Ájædóf,Áræicóf,Áræic@¦Á;æ)*æÁæfÁ;[cÁ&[{]|^c^|^Á;}å^¦•q[åÉÆ&[}•*|oÁæ)Áæčc@¦ã^åÁå^æ4^¦Á[¦æÁ&[{]|^c^A¢]|æ}ææā[}ÈÁOPS-U-0007

AWARNING

 Ö[Å][o¼[ï] o¼[¼ããã{[ĭ] o¼o
 Av/aæða[¼ã æða[¼ãæða[¼ãæða] aæða[¼ãæða] aæða[¼ãæða] aæða] aæða[¼ãæða] aæða] a



3.1 Boarding the Tractor

 $\begin{array}{l} \text{P}^c \land \hat{A} = \hat{A} =$

A DANGER

$$\begin{split} & \text{P^c,}^{\text{Ad}}[\ A\&@\hat{a}^{\text{A}}\ Af\ A\ A^{\text{A}}\ A\&@\hat{a}^{\text{A}}\ Af\ A@A^{\text{A}}\ A\&@\hat{a}^{\text{A}}\ A\&\hat{a}^{\text{A}}\ A\&\hat{a}^{$$



VÜØJŠÒÁØŠOEŠ

 $U]^{\text{aga}} \hat{A}U^{\text{aga}} \hat{A}U^{\text{aga}} \hat{A}H\tilde{E}$

A DANGER



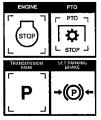
AWARNING

 $\ddot{O}[\dot{A}_{i}] \circ \dot{A}_{i}] \circ \dot{A}_{i} \circ \dot{A}_{i} \circ \dot{A}_{i} \circ \dot{A}_{i} \circ \dot{A}_{i}] \circ \dot{A}_{i} \circ \dot{A}_{i} \circ \dot{A}_{i} \circ \dot{A}_{i} \circ \dot{A}_{i} \circ \dot{A}_{i}] \circ \dot{A}_{i} \circ$



3.2 Dismounting the Tractor

A DANGER



VÜØJŠÒÁØŠOEŠ

4. STARTING THE TRACTOR

 $V@\dot{A}[]^{\dot{a}} = (\dot{A}(\cdot \bullet \circ \dot{A}) + \dot{A}(\cdot \bullet \circ \dot{A}(\cdot \bullet \circ \dot{A}) + \dot{A}(\cdot \bullet \circ \bullet \circ \dot{A}(\cdot \bullet \circ \dot{A}(\cdot \bullet \circ \bullet \circ \dot{A}(\cdot \bullet \circ \dot{A}(\cdot \bullet \circ \bullet \circ \dot{A}(\cdot \bullet \circ \bullet \circ \dot{A}(\cdot \bullet \circ \bullet \bullet \bullet \bullet \bullet))))$

- " Š[&æe^ Ás@^ Ást } ãæ] } Á ^^ Ð āæ&@Á
- ″Š[&æe^Ás@•Án}*ā,^Án@•oÁn,~Á&[}d[|
- ‴Š[&æe^Ás@-Á@!妿ĕ|a&Á&[}d[|Áf^ç^¦∙Á
- ‴Š[&æec^Ás@o^Áat@oÁ&[}d[|Á√ç^¦
- Š[&æe^Áo@ Áà; æb ^Á, ^åæþ Áæ) åÆu; c&@Á
- ″Š[&æe^Ás@•ÁÚVUÁ&[}d[|Á
- ‴Š[&æe^Ás@^ÁHÁ,[ã,cÁ@ãa&@Á&[}d:[|Á/\ç^¦
- ‴Š[&æe^Áo@^Á[]^¦æeā]*Á&[}d[|∙

Ó^{ | ^Árœd:@; *Ár@ Át;æ&q | Ár} • ` | ^Ár@ Át; ||[,]; * KÁ

- \tilde{C} \hat{C} \hat{C}
- ″V@^Ájæd∖āj*Ána¦æd:^Ána∙Án}ÈÁ
- ″ V@^Á,[¸^¦Á;]^¦ææã;*Á&[}d[|•Ásd-^Á5,Áo@^Á,^`dædÁsd;åÁ,~-Á,[•ãæã;}È
- ″ V@^ÁÚVUÁ&[}d[|Án^ç^¦Ááááá^}*æ≛^åÈ

Ü^^\Á[Ác@Ádæ&d[ˈʎɪ̞] }^\qÁ(æ) *#Á[ˈÁdæ&d[ˈÁroæ+cā/* Á] |[&^å* |^• ĒÁÚ] |^Ároæ+cÁc@Ádæ&d[lÁ̞ @ðp^Ár^ææ^åÁæ) å
à^|c^åÁgÁ@Ádæ&d[ˈʎɪ̞] ^|æe[ˈqÁr^æŒÉÁÞ^ç^|Ás^]æ••Ác@Ás}āā]}Ár¸ã&@Ás^Ár@|oÁs&&ãā]*Ác@Ácæ+c^|Ár[|^}[ãsÈ
OEc^|Ác@Ádæ&d[ˈÁr̞] ^AñÁ* Á*}}ā;*Ébec[ãsÁæ&&ãå^}cæ+Ás@}aæ\$c∮ão@Ác@Ádæ&d[ˈÁdæ)•{ã••ã[}ÁtʃÁ, |^ç^}cÁ*åå^}æ}åÁ\$/^¢]^&c^åÁdæ&d[ˈÁr̞[ç^{ ^}cðÁæ&&ãā/}







5. CONNECTING THE MOWER TO THE TRACTOR

VÜØJŠÒÁØŠOÆŠ

U] $^{\text{l}}$ aga $^{\text{l}}$ $^{\text{l}}$ $^{\text{l}}$ $^{\text{l}}$ $^{\text{l}}$ $^{\text{l}}$

A DANGER

Off., acê•Á+@ oAc@AV¦as&d; |A&[{]|^c\|^Aå[,]}EA]|as&\Ac@Ac!a;•{ã•ā[}Aā;A]as\EAsa;åA+^oAc@]as\ā;*Ás|as\^Ás\-['A´['A´;|Ása;^[}^A[]^A'|•^Ásasc^{]]o•Áq;Ás[}}^&oA;|Ásã;&[}}^&oÁ; as;åÁ/¦as&d;|Ásās&@•EA;húv±íd

5.1 Connecting the Rear Flail to the Tractor

- IÈ V";}Á,~Ás@ Áda&d;¦Án}*ã,^Ása)åÁsã{[`}dÉÁ
- ÍÈ U}^Á|ãoÁæ{ ÁæÁæÁæÁaã, ^Êáæ|ā*}Áæ{ Á^} åÁ@|^ à^c, ^^}Ás@Á*^oÁ; -ÁŒË¦æ{ ^ÁãoÁ**•ÈÁQ•^¦oÁœãs&@]ā,Ác@[**@Ác@Á|**Áæ}åÁæ{ Á@|^•Áæ}åÁā;•^¦c !^ææijā;*ÁjājÁājq[Áœãs&@ÁjājÈ
- ÎÈ Yæ\Áæ[ˇ}åÁq[Á;]][•ãc^Á•ãā^Áæ)åÁ¦^]^æc]¦[&^厦^Á[¦Á^{æājāj*ÁjācÁæ{ Áæ)åÁ@ãa&@ÁjājÈ





VÜØJŠÒÁØŠOEŠ

5.2 Connecting the Side Flails to the Tractor

FÈ Q• cæ|Ás@ ÁÖ¦ æsÁÓ^ æ; Áj} qí Ás@ ÁT æði ÁØl æ; ^È

 $C\dot{E}$ \ddot{U} \dot{Z} \ddot{Z} \dot{Z} \dot{Z}

HÈ Ô[}}^8oÁc@ÁŠā;\æt^ÁæjåÁÔ^[ajå^¦Á[Ác@ÁÜæñÁØ]æñÁÁ[¦ÁæÁÔ[{ à[ÁŠãoÁ^Œ]Á; |Á[ÉcAÉ]åÁ]}^8oÁc@Á8æà|^ qíÁc@ÁÙæñ^ÁØ]æñÁÁæjÁæjÁæÁ°æà|^ÁŠãoÁ^Œ]È

IÈÜް¢^Áse) å/ÁS[}}^86Ás@Á@Á@妿ĕj8BÁjā;^•ÁsfÁs@ÁSc]ā;å^¦•Áse) åÁ¦[{Ás@ÁO;æè^ÁXæqç^ÁsfÁs@ÁDjæājÁ;[d]¦È



AWARNING



AWARNING

A DANGER



VÜØJŠÒÁØŠOEŠ

U]^{aeaaaa} AÙ^&caaa} AHËJ

6. SETTING THE MOWER

Ú[]^\|^Á^ca;*Á@Á&`ca;*Á@Á&`ca;*Á@Á*e^^\; a\formula &^\[\A\~&&A}) c\formula &\formula &

A DANGER



6.1 Roller Height Adjustment

ÍÈ V@Á { [¸^\qÁ & ccā,*Á @ ā @ Á ā Á^ cÁ à^][•ātā,}ā,*Ás@Á[||^\Áæ••^{ à|^Á; \Án æ&@ Á [¸^\ •^&cā,}ÈÒæ&@ Á^&cā,}Á, ~•Óà^Á^oÆ Áœ Á æ { ^ @ ā @Á[Á;•`\^Áæ, Ánç^}Á& oÆ & [••Ác@Án}cā^ ¸ãac@ Á, Ác@Á; [¸^\È

ÎÈ Ú|æ&^Ás@Ádæ&djÍÁæ)åÁ([,^¦Áj}ÁæÁj^ç^|Án`¦æ&^ æ)åÁ&[{]|^c^|^Áj[,^¦Ás@Á;[,^¦Ág@Á;[;`}åÈ

ÏÈ Ù@ ơÁa[} Áo@ Ád æ&4[¦ÉA] |æ&^ Áo@ Ád æ}•{ ã• ã[}
ã Á] æ\ ÉÂæ} åÁ•^oÁo@ Á] æ\ ã * Áà!æ\^Áà^-{ !^
åã { [` } cā] * È

ÌÈ U}\^Å•^&cā[}ÁæeÁæáā[^ÊÁ]|æ&\Á|ãcā]*Áå^çã&\ @&ã•[|•Áææ&\Á;!Á@妿ĕ|ã&Áææ&\DÁ}å^!Á&\}৫\!Á;~ &`co^!Á@`•ā]*È

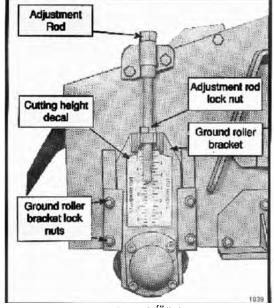
JÈ Ü^{ [ç^Á@ ¢Á; ថ ÉÁ; æ @ l•Áæ; åÁ&æ¦ ãæč ^Áà[lơ + [{ Áà!æ&\^o Áæ;Á^æ&@Á^} åÁ[-Á¦[||^\ÈÁT æ\^ &^!cæā; Ác@æcÁ[||^\Aà! æ&\^oÁæ; Á;^^Át[i|^\EÁT æ\^ c@ Áæ; o^} ^!•Áæ; Ac@æcÁ[||^\Aà! æ&\^oÁæ; Á;^^Át[i| c^Át] ||^\A&[`|å å¦[] Á}^¢] ^&c^å]^ &æ³å åÁ&æ*•^Áæ; b'^È

F€È Ø[¦ÁÙœà) åæååÁÖˇ ĉÁļæãª•ÊÁˇ •^Ájãæā; *Áå^çæð^Áq |^][•ãæā;}Á&ˇ œ^¦Á @[ˇ•ā; *Áq Áå ^•ā^åÁ&ˇ œā; * @ ā @ÈÁŒā;}Áå;æ&\^óÁ@;|^•Á;ão@Ævˇ œ^¦Á@; *ā; *Ê c@}Á^ā;•œa|Áœæå,æb^È

FCÈŠ[¸^\Á&`cc^\Á@(`•ā)*Á@(Ác@Á*¦[`}åÁæ)å '^{[ç^Áaaa]*Á&^ç&&^ÉÁ

FHÈ Ù^oÁ&` ccā, *Á@ā' @Áæ&&[låā, *Áq Á] l[&^å` l^• æà[ç^Á{ lÁ^{ æā, ā, *Áç [Æc cc^lÁ^* &cā] }•ÈÁT æà^ •` l^Ác@æóAælÁc@^^Á[||^!•Áæð^Ár^cÁææÁc@^Áræ{ ^ @ā @Á[Ár]•` l^ÁæÁ^ç^} Á&` cÁæ&'[••Ác@Á^} cā^ ¸ãàc@Á, Æc@Á[¸^lÈ Ùæ) 忦åÆÖ° cî





P^æçîÁÖčô

U]^¦æa≨i}ÁÛ^&a≨i}ÁHË€

VÜQÚŠÒÁØŠOEŠ

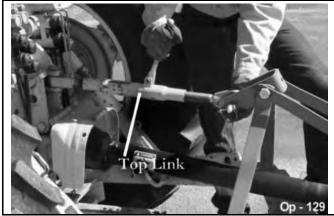
6.2 Leveling Deck

 Cōalbi • cÁM] Ášā / Áq Ál^ç^lÁ([¸ ^ lÁ[||^ lÁsaabi • q ^ } cè

 Ùãa^Á Ù \ãaÁ Ù @ ^ • Ár @ ` |åÁæq æê • Ár ^ Ár æbæq|^ lÁq

 *![` } åÁc@ [` * @ ` cÁc@ Á ` ||Ásaabi • q ^ } cÁæ) * ^ EÁCBabi • c

 &` ccā * Á@ ã @ Ár Ár æ& @ Ar Ár Áæa ār * Ár Ár , ^ lā * Ár æb ! [|| ^ lÁæ Ár] ^ & ãr Àr Ár Ár æb] È



AWARNING



7. DRIVELINE ATTACHMENT

V@ Ásilãç^|ā,^Ár[\^Áse) å Ásiæ&d; lÁÚVU Án @eeóÁ; ˘∙óÁs^ åãoÁl^^Áse) å Árl^æ•^å Ár[lÁseccæ&@; ^}cÈ

 $\begin{array}{l} V_{1} \land \&_{1} \end{pmatrix} \land \&_{2} \land \&_{3} \land \&_{4} & A_{2} \land A_{3} \land A_{4} \land A_{4$



Ö¦ãç^|ã;^Æ^} * c@ÁÔ@^&\

AWARNING

 $\begin{array}{l} \text{O}_{\frac{1}{4}} \text{A}_{\frac{1}{4}} \text{A}_{\frac{1}4} \text{A}_{\frac{1}4} \text{A}_{\frac{1}4} \text{A}_{\frac{1}4} \text{A}_{\frac{1}4} \text{A}_{\frac{$

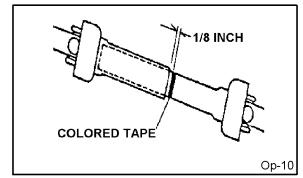
VÜØJŠÒÁØŠOÆŠ

U]^{acai} } Á U^&cai} } ÁHËF

 $Y @ \} \acute{A} \bar{a} * \acute{A} \bar{a} \acute{A} \bar{a} * \acute{A} \bar{a} \acute{A} \$

"Bottoming Out" Check Procedure

- "Öã 8[}}^86Áå¦ãç^|ã,^Á√;[{Ác@Ádæ84[¦Áæ)åÁ•|ãå^c@Á;æ84[¦Áæ)åÁ•|ãå^c@Á;![-ã^•Á[*^c@¦Á;}dãÁ*||^Á8[{]¦^••^åĚÁ
- "Ú|æ\$^ÁæÁ; æ\$\Á;} Ás@Á§; ^\Á; @\$\|åÁFÐ)+Á+[{Ác@ ^}åÁ[-Ác@Á[`&\Á•@8\|åÁæ)åÁ\^æææ&@Ác@ å\ãç^|ā,^Á; Ás@ÁÚVUÁÙ@ææÈ
- Y āc@Ác@ÁPTO NOT TURNINGÉA |[, | ^ Áa¦ āç^Ác@dæ&c[iÁ , āc@Á { [, ^ ! Á æcæ&c@ å Á c@[* * @Á c@ @æd] ^ cÁ c' ! } Á] [• āa| ^ Á æð å Á , æcæ.@Á @æc { [ç^{ ^ } cĂ ¥ ac@Ác@ Á PTO NOT TURNINGÊ |[, | ^ Áa¦ āç^Ác@ Áaæc[! Á āc@Ác@ Á[, ^ ! Áæcæ&c@ å c@[* @Á c@ Á[cÁ ^ ç^! ^ Á c'! | æāj Á &[} å ācā] } ^ c] ^ &c^ å Áæ} å Á ææ&@Á @æcÁ[[ç^{ ^ } cÈ
- 《AÁ@Áåāœà &^Áà^ç^^}ÁœÁ(æ\Áæ)åÁ@Á(ざぺ!
 @ | åÁà^&[{ ^•Á\^••Áœ} Áœ}ÁG-ÁæÁæ)^Á][ā]oÁœ!^
 ãÁæÁ, [ơ]oÁæÁ]![à|^{ Áa[cq[{ā]*Á[`cÁcœ}
 å¦ãç^|ā]^Áæ}åÁœÆålãç^|ā]^Á@`|åÁæ^Á@!ơ}^åÈ
 OPS-F-0001

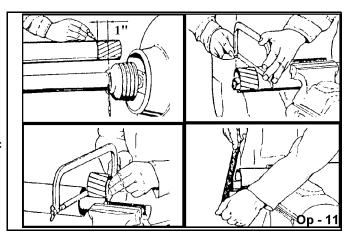


Driveline in maximum compressed position

VÜØJŠÒÁØŠOÆŠ

Shorten the driveline profiles as follows:

- _____Ü^{ [ç^Ás@^Ás¦ãç^|ã,^Á+| { Ás@^Ás!æ&d;¦È
- - @exoÁsa) å Æsč oc^ k Át^æsà [¢ĒÁŠŪ @ óÁs[] } Ás@ Áslæsa [k æ) å Át^8č k^|^Ás|[& Ás@ Át [, ^k Ás Ás@ Ás] • átā] È
- P[|åÁå¦ãç^|ã,^Ár^&aã|}•Á]æææ|^|ÁqíÁq;}^Áææ][c@} æ)åÁq ^æe°¦^Áàæ&\Ár+Á+[{ Á°[\^Áq;AÁæ&@Ár@æec æ)åÁj|æ&^Áq;æ\Áq;}Á[]][•ãc^Ár^&aāq;}ÈÁÁÔ°cÁc@á |^}*c@Ár~Á,ãc@ÁæÁæ;È
- ″ Ü[`}åÁ, ~Ásd|Á, @sd]Á\å*^•Ásd)åÁså^à`¦È
- ″ V@;[**@^Á;¦^æ•^Ás@}Á^ā,•œe|Ás@ Áå;¦ãç^|ã,^È
- ″Ü^&@^&\Á;¦Á;¦]^¦Á;]^¦æeãi}È



Engagement Check Procedure

- ‴Öãr8[}}^8oÁs@Áålãç^|āj^Á¦[{Ás@Áslæ8d[¦Áse}åÁ^]æbæe^Ás@Ás,[Áå¦ãç^|āj^Á@eþç^∙ÈÁÁ
- T^æ*¦^Ás@Ásãacæj&^Á;[{Ás@Á;æ;\Ás@Ás}åÁ;Ás@Ás}åÁ;Ás@Ás}}^!Ã;![-ā/ÞÁ√@áÁr)*c@Ásác@Áæ;[*}cÁs@Ásiãç^|ā,^];
];[-ā/•Á,^¦^Ás}*æ*^åÈ

NOTE: If the driveline cannot be shortened and still maintain the required profile engagement, the operator must be made aware of terrain conditions and avoid situations which pose a potential problem to avoid damaging the driveline. AWWWOPS-F-0002

8. PRE-OPERATION INSPECTION AND SERVICE

A DANGER

VÜØJŠÒÁØŠOÆŠ

U]^\aea[\}\A\U^&a[\}\A\HEH

A DANGER



AWARNING

U^{\dai} \(^{\alpha\alph





8.1 Tractor Pre-Operation Inspection/Service

- ‴ Val^Á&[}åããa[}ÐæālÁ;¦^∙∙`¦^.
- " Y $@^{\hat{A}}$ " $A\hat{a}[] e^{\hat{A}}$
- " Ùc^^\a, * Áa\\ae^^
- ″ÚVUÁ @A∖åÁ
- " ÙT XÁ: ã; Áã: Á&|^æ; Áæ; åÁçã: ãã|^
- ″ V¦æ&o[¦qnÁāt@onÁsdh^Ækkh^æ)Ásd)åÁ~;}&oā[}æ|
- ″ V¦æ&d;¦ÁÙ^æeÁà^|cÁárÁ\$;Á*[[åÁ&[}åãaãi}Á
- ″ V¦æ&o[¦ÁÜUÚÙÁ§aÁ§A*[[åÁ&[}åãaã]}
- ŰUÚÙÁ§AÁŞÁS@^Áæã~^åÅ,[•ãcáj}
- ″Þ[Ád;æ&d[¦Án;ãjÁn^æð.∙Á
- ″Üæåãæe[¦Á√^^Áj,√Ás^à¦ã•Á
- $\tilde{}$ $\tilde{}$
- ″Ò}*ā}^Á&{[|æ}oÁ^ç^|Áæ)åÁ&{}}åããã}}Á
- ″ Ú[¸^¦Áa¦æà^Á√jãaÁn^ç^|Á
- "Ú[¸^¦Á;c^^¦ā;*Á;"ãåÁ;^ç^|Á
- ″ Ø ^|Á& [}åãaãa[}Áse)åÁ|^ç^|Á
- ‴Ù`~a&a^}oÁ;`à¦a&aœa[}}ÁsœaÁse|Á;`à^Á;[ā]o•
- $^{\prime\prime}$ OEAÁAIc^\ÁSI\ åãEAI\ ÁKOPS-U-0030



VÜØŠÒÁØŠŒŠ

U]^{aea[} AÛ^&a[} AHÊFI

8.2 Mower Pre-Operation Inspection/Service

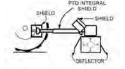
A DANGER

 CĦAUæ^c AU@N|å•EAO* æå•Aæ) åAUæ^c Aå^cæ\•Aā &|* åā * AÇā* cA} [c

 [ā ãc*åÁḍ DÁŒœ^ÁÖ^-*&﴿ !•ÊÁÙc^^|ÁÕ* æå•ÊÃÕ^æà[¢ÁÙ@N|å•ÊÁÚVU

 ā c* !æḥ• @N|å•ÁŒæ) åÁÜ^c dæ&ææ|^ÁÖ[[!ÁÙ@N|å•Á• @] * |åÁà^Á* • ^åÁæ) å

 Á [] J ¾ ÁØ] Å* ÁØ] Å* ÁØ] Å* ÁØ] Å* ÁØ



{ æāj cæāj ^åÁsj Át[[åÁ, [:\āj * Ás[] à ãaāj } ÉÁNCE|Á:æ^c Æå^çæX^• Áa@ `|åÁsi^Æş•] ^&c 寿4^~ ||^Áæc |^æ• cÅåæāj Át[¦Á; ã••] * Ás[{\][}^} éS[{]]] }^ o• EÁT ã•• āj * ÉÁs|[\^} ÉÁs|[\^} ÉÁs|[\^} ÉÁs|[\^} ÁS[{]]] }^ o• EÁT ã•• āj * ÉÁs|[\^} ÉÁs|[\^} ÉÁs|[\^} ÉÁs|[\]] } Áāc^{- Áj * Ás} [!} Áāc^{- Áj * Ó*a}^* &^ Ác@ Áj[••āaājāc Á [-Áāj b'|^ Á[¦Áå^ææ@Á-¦[{ Ác@[]} } Á[àb^&o•Ê^] } cæ} * |^{{ ^5}} cæ} * |^{{ ^5}} cæ\$ £É\$|

A DANGER

U^] | z&^Aà^} c4['Aà| [\^} Aà| zá^^ A¸ ãc@} ^¸ Aà| zá^^ EAÞOXOU ACEVVOT UVAVU AUVUCEOPVOÞE Y ÒŠÖÉŽUÜÁY ÒŠÖÁPCEÜÖ ZOCÉÒ QÞŐÁUÞÁÓŠCEÖ ÒÙÁÙ QÞÔÓÁVPQÙÁY CŠŠÁŠCSÒŠ ŸÁÔÜCEÔSÁUÜ UVPÒÜY QÙÒÁÖCET CEŐ ÒÁVP ÒÁÓŠCEÖ ÒÁÁY QVPÁÙWÓÙÒÚ WÒÞVÁZCESŠWÜ ÒÁCEÞÖÁÚUÙÙ QÓŠŸÔCENŮÒÁÙÒÜQUWÙÁQÞRWÜŸÁZÜUTÁ/PÜUY ÞÁÓŠCEÖÒÙ ÉÁÇJŐT ÉFED

 $\label{eq:continuous} $$V@A_1^{-1}=\{ e_A^{-1}, a_A^{-1} a_A^{-1}$

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 Ü^] |æ& ^Á { ã • ã \* Ê å æ € æ \* ^å Ê æ å Á æ å åÁ|\^\* ãa |^
 å^&æ \* ĒÁOPS-U-0011\_A





VÜØJŠÒÁØŠOÆŠ

U]^¦æeā[}ÁÛ^&cā[}ÁHËFÍ

″Ò}•`¦^Áo@^Á¦[||^¦•Áæ}^ÁājÁ\*[[åÁ&[}åãaā[}Áæ)å ¦[œæ^Á¦^^|^È

Q•]^8c/sœe/sel/ka[|o•/se)å/sks\^, •/se\^/sp/s/[•aia]}
 a)å/se\^/s|[]^\||^A([|``^aEOPS-F-0004]



″ Q,•]^8cAs@^A8[}åãαã[}A;As@^A;ãã^A;[, ^¦•Aæ}åA;^æbA;[, ^¦Aå¦ãç^Aà;^|σ•É

 $\grave{O}\} \bullet \check{\ \ } \stackrel{\wedge}{\wedge} \land \textcircled{A} \stackrel{\wedge}{\wedge} \stackrel{\wedge}{\wedge} (3 \stackrel{\wedge}{\wedge} ) (3 \stackrel{\wedge}{\wedge$ 

\*[[åÁ\^]æaãÈ

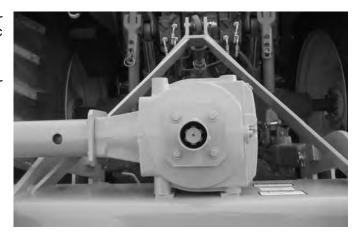


Q•] ^8oÁ[ āļÁ|^ç^|Áā] Á\* ^æbà[ ¢Áæ) åÁ\^] |^} æ @Áæ
} ^^å^åAĚOÆ[ , Á; āJÁ|^ç ^|Áæ ÁæÁ, æb} ā] \* Á•ã} Áœæc
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忀 æ\* ^åÁæ) åÁ, ^^å•Á⊈ Áæ\Á^] |æ&\åÈ

Ô@&\Ác@Á[āÁ|^ç^|ÁājÁcæ)\ÁæjåÁ\^]|^}ã@Áã-}^^åĔNOTE:ÁÖ[Á,[cÁā|Ác@Áæ)\Á,ão@ÁāÁæ][ç^ c@Á|^ç^|Á,Ác@Áā@Á\*æ\*^ÉUç^¦Áāj]ā\*Ác@ cæ)\Á,ão@ÁājÆæc'¦ÁājāãædÁāj]ā\*Á;æÁ^\*|cÁājājÁáj à^ā\*Áåã&æ&\*^åÁc@[\*\*@Ác@Áà!^æc@¦Á&ædÁ;}

c@^Áq[] Áq.~Áq@^Á@^妿ĕ|&&Ápæ)\È

Ú^!-[!{ Ár & @ å `|^å Á|` à l a8 ææa[} } Áæ Ár] ^ & ãa ð å Ágc@ Á( ææ] c^} æ) & ^ Ár ^ & æ[} ÈOPS-F- 0006\_A



VÜØJŠÒÁØŠOÆŠ

 $U] ^{\text{laga}} \hat{A}U^{\text{log}} \hat{A}U^{\text{log}} \hat{A}U^{\text{log}}$ 

- Q•]^&cÁ&~cc^¦Á\}ãç^•Áæ)åÁ\}ã^^Á]ã,•Á-{¦ |[[•^}^• Áæ) åÁ^¢&^•• ãç^Á¸ ^æÈÁT æ\^Á• ` |^Ác@ { [, ^|Áã Á ^& |^|^Áà|[& ^åÁ] Áà^-{|^^Á&|æ, |ā,\* à^}^æc@ÀÜ^]|æ&^Áåæ(æ\*\*\*åÉÁ[¦}ÊÁæ)åÁ(ã•ā;\* \} ãç^• Áæ Á&[ { ] |^ c^ Á^ o Á[ Á[ ææ] ææ] Á&` œ^! • @eec àæ|æ| &^È
- $\ddot{U}^{\hat{}}_{\hat{}} = \dot{A}^{\hat{}}_{\hat{}} + \dot{A}^{\hat{}}_{\hat{}} \dot{A}^{\hat{}}_{\hat{}} + \dot{A}^{\hat{}}_{\hat{}} + \dot{A}^{\hat{}}_{\hat{}} = \dot{A}^{\hat{}}_{\hat{}} + \dot{A}^{\hat{}}_$
- à^À ¦aáj ] ^áÁæd[ ˇ } åÁæ Æ œ^l• @ee• È Q•] ^&Ać@Á&[ } åãã] } Á[ -Áå^& Á• \ãÁ• @ ^• Áæ) å @#å, #\$^E#OPS-F-0007



VÜQÚŠÒÁZŠOESŠ

## **Tractor PRE-OPERATION Inspection**



O qy gt'KF %aaaaaaaaaaaaaaaa

O cmg aaaaaaaaaaaaaaaaaaaa

F cy<"""aaaaaaaaaaaaaaaaaaa

Uj khy aaaaaaaaaaaaaaaaaaa

## **AWARNING**

Before conducting the inspection, make sure the tractor engine is off, all rotation has stopped and the tractor is in park with the parking brake engaged. Make sure the mower is resting on the ground or securely blocked up and all hydraulic pressure has been relieved.

| Kgo                                                   | Eqpfkkqp"cv"Uctv"<br>qh"Ujkhv | Ur gekhle 'Eqo o gpvu''<br>kh'pqv'Q0M0 |
|-------------------------------------------------------|-------------------------------|----------------------------------------|
| Vjg'hncuj kpi 'nki j wu'hwpevkqp''r tqrgtn(           |                               |                                        |
| Vj g'UO X''Uki p''ku''engcp''cpf ''xkukdng            |                               |                                        |
| Vjg"\ktgu"ctg"kp"iqqf"eqpfkkkqp"ykj"rtqrgt"rtguuwtg   |                               |                                        |
| Vj g'y j ggn'hwi "dqnui'ctg"\ki j v                   |                               |                                        |
| Vj g'\tce\qt'dtcngu'ctg'\p'i qqf 'eqpf k\qp           |                               |                                        |
| Vj g'uvggtkpi 'rkpnci g'ku'kp'i qqf 'eqpf kkqp        |                               |                                        |
| Vj gtg"ctg"pq"xkukdrg"qkdrgcmı                        |                               |                                        |
| Vjg"j {ftcwrke"eqpvtqnu"hwpevkqp"rtqrgtn{             |                               |                                        |
| Vj g'TQRU'qt'TQDU'Ecd'ku'kp'i qqf 'eqpf kkqp          |                               |                                        |
| Vj g'ugcvdgn/ku'kp''r rceg''cpf 'kp''i qqf 'eqpf kkqp |                               |                                        |
| Vj g'5/r qkpv'j kej 'ku'kp''i qqf 'eqpf kkqp          |                               |                                        |
| Vj g"ftcy dct"rkpu"ctg"ugewtgn("kp"rnceg              |                               |                                        |
| Vj g'RVQ'o cuvgt'uj kgrf'ku'kp'r rceg                 |                               |                                        |
| Vj g"gpi kpg"qkihgxgn'ku'hwn                          |                               |                                        |
| Vj g''dtcng''hnwkf ''rgxgri'ku''hwm                   |                               |                                        |
| Vjg"rqygt"uvggtkpi "hnwkf"ngxgn"ku"hwm                |                               |                                        |
| Vjg'hwgn'ngxgn'ku''cfgswcvg                           |                               |                                        |
| Vj g"gpi kpg"eqqrcpv'hnxkf "rgxgn'ku'hxm              |                               |                                        |
| Vj g'tcf kcvqt 'ku'htgg''qh'f gdtku                   |                               |                                        |
| Vj g'ckt'hknygt'ku'kp'i qqf 'eqpf kkqp                |                               |                                        |

| Qr greytai un pewig | < |
|---------------------|---|
|                     |   |

## DO NOT OPERATE an UNSAFE TRACTOR or MOWER

 $V@ \hat{A}Q \bullet ] ^8ca \hat{A} \hat{A}C | \{ \hat{A} : \hat{A} : \hat{A} : \hat{A} \land \hat{A} \cdot \hat{A} \land \hat{A} : \hat{$ 

VÜQÚŠÒÁØŠOEŠ

 $U] ^{aca} A \hat{U} ^{aca} \hat{A} \hat{U} ^{aca} \hat{A} \hat{H} \hat{E} \hat{A}$ 

## Flail Mower PRE-OPERATION Inspection



| <b>AWARNING</b> |
|-----------------|
|-----------------|

Before conducting the inspection, make sure the tractor engine is off, all rotation has stopped and the tractor is in park with the parking brake engaged. Make sure the mower is resting on the ground or securely blocked up and all hydraulic pressure has been relieved.

| Kigo                                                        | Eqpf kkqp'cv'<br>Uctv'qh'Uj khv | Ur geldde'Eqo o gpw'ldd'<br>pqv'Q0M0 |
|-------------------------------------------------------------|---------------------------------|--------------------------------------|
| Vj g'Qr gtcvqtøi'O cpwcri'ki'kp''vj g'ecpknygt              |                                 |                                      |
| Cmluchgv{ "f gecnu"ctg"kp"r roeg"cpf "ngi kdng              |                                 |                                      |
| Vj g'O qwpwlpi 'htco g'dqmu'ctg'kp'r nceg'cpf 'wki j v      |                                 |                                      |
| Vj g"eqppgeskqp"dqmu"( "r kpu"ctg"ski j v                   |                                 |                                      |
| Vj gtg"ctg"pq"etcemi'lp"o qy gt                             |                                 |                                      |
| Vjg"J{ftcwnke"E{nkpfgtu"rkpu"ctg"\kijv                      |                                 |                                      |
| Vjg"J{ftcwke"Rwor"jqug"eqppgevkqpu"ctg"\kijv                |                                 |                                      |
| Vjg"J{ftcwke"Xcrxg"jqug"eqppgekqpu"ctg"kijv                 |                                 |                                      |
| Vjg"J{ftcwrke"Xcrxg"eqpvtqn:/hwpevkqp"rtqrgtn{              |                                 |                                      |
| Vj gtg"ctg"pq"rgcmlpi "qt"f co ci gf "j qugu                |                                 |                                      |
| Vjg'J{ftcwke'Qkn'ngxgn'ku'hwm                               |                                 |                                      |
| Vj gtg'ku'pq''gxkf gpeg''qh'J {ftcwke''rgcmu                |                                 |                                      |
| Vj g"Drcf gu"ctg"pqv"ej kr r gf . "etcengf "qt"dgpv         |                                 |                                      |
| Vj g''Dref g''dqnu''etg'\ki j v                             |                                 |                                      |
| Vj g'F ghgevqtu''ctg'kp''r rceg''cpf 'kp''i qqf ''eqpf kkqp |                                 |                                      |
| Vj g'uj kgrf u'ctg'kp'r rceg'cpf 'kp'i qqf 'eqpf kkqp       |                                 |                                      |
| Vj g"Unkf 'uj qgu'ctg'kp'i qqf 'eqpf kkqp'( '\ki j v        |                                 |                                      |
| Vj g'J {f 0'o qvqt'o qwpvkpi 'dqmu'ctg'vki j v              |                                 |                                      |

| Qr gtcvqtøı''Uki | pcwtg< |
|------------------|--------|
|------------------|--------|

## DO NOT OPERATE an UNSAFE TRACTOR or MOWER

VÜŒŠÒÁØŠŒŠ

 $U] ^{a}$   $A\hat{U}^{a}$   $A\hat{U}^{b}$   $A\hat{U}^{b}$   $A\hat{U}^{b}$ 

#### 9. DRIVING THE TRACTOR AND IMPLEMENT

Ùæ^Ádæ&d[¦Ádæ}•][¦œÁ^˘˘ã^•Áœ⁄Á[]^¦æe[¦Á][••^••ÁæÁœQ¦[˘\*@Á}[[|^å\*^Á[Æó@^Á[[å^|Áà^ã]\*Á[]^¦æe^åÁæ)å ]  $| ^8$ 8eĕ cā[] • Ág Ázeh ^Á, @g^Ásl; āçā] \* Á, ão@Áse) Ásecces\$.@ å.Ás[]  $| ^{ }$  ^} cāÁÒ} • `  $| ^4$  As@ Ás æ8c[ $| ^4$ Acee Ás@ Ásæ] æ8sãc Ág Ácee) å $| ^4$ As@ å¦ãçã;\*Ás@Ád;æ&d;¦Á,ão@Áe;Ásœcæ&@åÁã;]|^{^}oÊÁ^çã\,Ás@Á;||[¸ã;\*ÈÁOPS-U-0012

A DANGER

V@ãÁQ[]|^{ ^}o^{(ach Ab^A; ãã^\Ac@a) Ác@a) Ác@ Á\¦æ&d[¦ËÄHÓ^Á&ad^~`|Á; @^}A[]^¦ææā;\*Á[¦Áda);•][¦dā;\* c@áÁ~~ã{ ^}cÁgÁ¦^ç^}cÁg@ÁQ]|^{ ^}cÁ¦[{Á~}}ā,\*ÁşqÁ;ÁágÃ;ÁágA;Áã}AÁ[•o•ÉA\*æá£ &[}&|^c^kanà\*q(^}o•Á;\Á;c@:\Á\*[[ãåÁ;àb^&o•ÈÁÛ\*&@Áse}Ás[]æ&bÁs[\*|åÁsæĕ•^Ás@AQ]]|^{{^}c^kse}å V¦æ&d;¦Áq;Ájãq;Oóçã;|^}d^Á^•ĭ|cã;\*Áq;Á[••Á;Á•c^^¦ā;\*Á&;}d;|Ê×;•Áq;ŏ¦°Ê4;¦Á^ç^}Áa°ææ@È Þ^ç^¦Áse|[ Ás@ÁQ] |^{ ^} cÁ[ÁS[ } cæ&óÁ; à• cæ&|^• ÞÁsùнúvætæ

**AWARNING** 

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æ) åÁsilæ).^•Áse}^Ási,Át[[åÁ&[}åããã]}Áse) åÁj]^¦æe^Á;:[]^:|^È

Ó^-{|^Ádæ}•][|da|\*Áo@Áv|æ&d||Áæ}åÁQ|]|^{^}oÉå^o'|{a|^Áo@Á||]^|Ádæ}•][|oÁ|]^^å•Á{| ^[`Ása}åÁs@^Án``ā]{^}dĎÁTas\^Án`¦^Á:[`Ásaàãā^Ásî^Ás@^Á;||[\_ā,\*Á`|^∙K

\^• oÁs@ Ád æ&d; ¦ÁædÆAÁ [[¸Án]^^åÁæ) åÁ§ &l^æ• ^Ás@ Án]^^åÁ|[¸|î ĔÁOE]]|îÁs@ ÁÓ¦æà^• Án{ [[o@î d Áå^c^!{ ā,^Ác@Á•d[]]ā,\*Ás@ede&c^!ã cã&•Á; Ác@Áv!æ&d;!Áea}åÁQ.]|^{ ^} cŽÁOEÁ[`Áā,&!^æ•^ c@Á•]^^åÁ[-Ác@ÁV¦æ&q[¦Ác@Á•q[]]ā]\*Áåãææ}&^Áāj&¦^æ•^•ÈÁÁÄÖ^e^¦{āj^Ác@Á(æ¢ãj~{ daa)•][¦oÁ]^^åÁ,[oÁ;Á\¢&^^åÁO€Á;]@ÁCH€Á]@DÁ;¦Ádaa)•][¦oā;\*Ás@áÁ``ã,{^}oÈ

^[`Áå^c^¦{ā]^Ác@ecÁc@^Á^``ā]{^}cÁ&æ}Áà^Á[]^¦æc^åÁeceÁecÆa@\*@\*A\*]^^åÈÁÁN•^Á^¢d^{^A&æd^. æð å Á^å \* &^Á^[ ` |Á+]^^å Á @} Á `@} Á ` |} Á+ @æð | |^ Áf Á| |^ç^} oÁc@ Ádæ&d | Áæð å Áð | | |^{ ^} oÁ-|[ { c'|}ā|\*Á|ç^|EĂÖ^c^|{ā|^Ác@•Á| æ¢ā| ~{Ác'|}ā|\*Á+]^^åÁf|LÁT|`Áæ)|åÁc@•Án``ā|{^}cÁa^-|L^ []^¦ææā]\*Á[}Á[æå•Á[¦Á`}^ç^}Á\*¦[``}åÈ

U}|^Ástæ}•][¦oÁs@^Á/læ&c[¦Áse}åÁQ;]|^{^}oÁsepÁc@^Áj^^å•Á;@B&@Áse|[,Á[`ÁşfÁ;![]^¦|^Ás[}d[| c@^Á~~~ã}{ ^}cÈ

Ó^Áse; æb^Á; Ás@Á;]^¦ææã; \*Ás[}åããã;}•ÉÄÖ[Á;[œÁ;]^¦ææ^Ás@^Á/¦æ&d;¦Á;ão@Á;^æàÁ;¦Áæĕ|ĉÁsilæà^• [¦Á, [¦}Ásā^•ÉÁÝ @`}Á;]^¦æsā;\*Ásī[;}ÁsæÁGāl/á;¦Á;}Á;^oÁ;¦Áæā;Ájā&\Á[æå;•ÉÁs@ Ás¦æàā;\*Ásã;œæ;}&^ āj&¦^æ=^•krấ•^^kr¢d^{ ^Á&æ\$^Áæ}jåÁ^å\*&^Á[`¦Ár]^^åËÄÄÄY@^}Af]^¦ææāj\*ÁajÁdæ-a&Aéæ;æê•Á•^ c@Á/læ&d;l@jÁlæ @t Á,æ @t Á,æ }ā,\*Áā @ Áæ}åÁ^å & AÁ (`'lÁ]^^åĚWÓ^Áæ,æ AA Á;æ-æAÁæ;'`}åÁ[` æ) å Á, ææ&@Á, ઁ oÁ[¦Ás@ Á, c@ ¦Á ઁ ˆ ĒÁÁÁ¢)ő #JD



VÜØJŠÒÆŠOEŠ

U]^¦æeā[}ÁÛ^&cā[}ÁHËG€

#### 9.1 Starting the Tractor

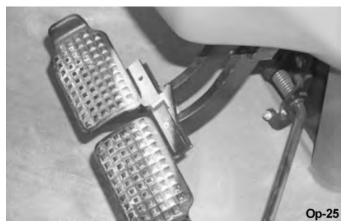


#### 9.2 Brake and Differential Lock Setting

$$\begin{split} &\text{T} \triangleq \wedge \hat{\mathbf{A}}^* \mid \wedge \hat{\mathbf{A}} \otimes \hat{\mathbf{A}} \mid \hat{\mathbf{A}} \otimes \hat{\mathbf{A}} \mid \hat{\mathbf{A}} \mid \hat{\mathbf{A}} \otimes \hat{\mathbf{A}} \wedge \hat{\mathbf{A}}$$

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c ;} ā; \* ÈÁY @} Ár} \* æ\*^åÁc@ ^Áåã-^\^} cāæþÁ[ &\ Á¸ ā]
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} [ ;{ æþÁ&\* ccā; \* Á&[ } åãaā; }•ÊÁ|[ &\ ā; \* Ác@ Áåā-^\^} cāæþ
] ;[ çãå^•Á; [Ás^} ^ãafèæ} åÁ; @\* |åÁ; có\$^Á•^åÈÁ

OPS-U- 0013



UÚÒÜŒVŒ ÕÁ/PÒÁÙÕÖÁT UY ÒÜÙ

### 9.3 Transport Position

VÜØŠÒÆŠOEŠ

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QÈ Úˇ ||ÁŠQQVÁ8[}d[|Á|^ç^\Á|^æd¸ædåÁ`}dāļÁā;cÁ-læ(^ ã,Áæ,Á@ā @Áæ,ÁāÁ¸āļÁ\*[È

HÈ Ú "||Á/CŠVÁ&[}d[|Ár\ç^\Áræ] æåÁ }dāÁàlæ&\^oÁ\} `}ãtÁārÁæà[ç^Ádæç^|Á[&\Áàlæ&\^oÁ\}ÁjãeÁ&^|ā]å^\ • `]][dæŽOZÁæà^•Ár[{^Ár~[¦oÁqÁ,`|ÁVCŠVÁļ^ç^\ - [{ ÄÄZŠUOS/ÄÁ,[•ãtā]}È

IÈ Ú • @ÁŠŒVÁ&[}d[lÁ|^ç^lÁ-[l] ⇔åÁ^}[ \* @Áḍ |[, ^lÁ;}ã¼|], | ÈÓQ• æḍÁœ,Ádæç^lÁ[&\Á] 尋 ÈÁœ, (Á, & Á) 尋 ÈÁœ, (Á, & Á) 要 Aœ, (Á, & Á) 要 Aæ, (A, & Á) 要 Aæ, (A, & Á) 要 Aæ, (A, & Á) æ, (A, & A) æ, (A, &

ÍÈ Tæ\^Á&^¦ææ¶Áœ@ænÁæ∥Á&[}d[|Á|^ç^¦•Áæ\^Á∄ ÄPUŠÖĶ[•ãã¶}Á;@}Ábæ)•][¦æ∏\*Á}ãÈ



V@Á[[,^!qÁ&^}c^!Áţ-Á\*!æçãcÂñÁæãn^åÁ;æbāj\*Áœ@{[,^!Át[|^Át|]}^ÁtÁæj]āj\*Á,@}Ás@Ásãn^Át[,^!eæh^Ájāko@Á!æãn^åÁ][•ãtā]}Ě\W•^Á^¢d^{ ^Á&ĕ aā]},@}ÁājÁo@Ádæj•][!cÁ][•ãtā]}ÁæjåÁæç[ãtÁ\*}^ç^}c^!!æājÁ @æk@k[\*jåÁ]•^oÁs@Á;[,^!È



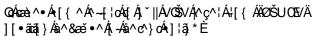
A DANGER

VÜØJŠÒÁØŠOEŠ

U]^¦æaa[}Áù\^&aa[}ÁHËGG

#### 9.4 Operating Position

**NOTE:** For best mowing results and longer roller life, both LIFT and TILT levers should be in "FLOAT" position while mowing.





VÜØŠÒÆŠOEŠ

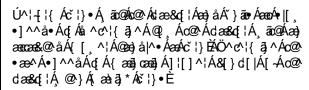
U]^\aea[} \(\hat{A}\)^&a[\) \(\hat{A}\)\(\hat{E}\)

#### 9.5 Driving the Tractor and Implements

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-ã•oÁ¸ ā|Áæþ•[ Á¸ | ^c\> oÁc@ Ádæ&q | Á+[ { Á\^æð¸ \* Á`]
æ) åÁ|[ ••Á¸ Á+ c^\|⏠\* Á&[ } d[ |È¥V@ Ádæ&q | Á+ @¸ '|å
} ^ç\|Áà^Á[ ] ^ |æe^åÁææÁ•] ^^å•Ác@æóÁææð } [ oÁà^
•æ^| ^ Áœà¸å|^åÁ¸ | Áæ¢æý¸ ā|Á¸ | ^c\> oÁc@Á¸ | ^| \*æe[ |
-| [ { Á•q ] ] ⏠\* Á¸ æ& | ^ Áæ¸ Áæ¸ Á• { ^| \* ^} & EæQÁœ]
] [ , ^|Á•c^\|⏠\* Á¸ |Á\) \* ⏠^ Á&\ææ^• ^• Á¸ | ^|ææ¸ \* Éæ¬¢]
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åã-æ& | oÁ¸ Á&[ } d | |È

Ölāç^Ác@Ádæ&d[¦Á¸ãc@Ćc@ÁHĒÚ[ājoÁaóAæ{•ÁājÁc@ |ææā^åÁj[•ãaá]}ÁæjåÁj[&\Ác@Á&[}d[|Áj^ç^!ÁājÁc@dæj•][¦óÁå^c^}oÁj[•ãaá]}Áq[Á]!^ç^}oÁåæ4æ\*\*\*Ad[c@Á[],^!Á&lāç^|āj^A,@}Ás\*\*È



\[ Ásæ; [ ãá Á; ç^\c^\c^\} • Éá\ā;^Ás@ Ádæ&d; \Á¸ ão@&æd^Ásæ) å
ææÁ\*æ^Á\*] ^^å•É^\•] ^ &ãæ A; @} Á; ] ^\eæā; \* Á; ç^\
\[ `\* @Á\*\[ `} å ÉÁ&\[ •• ā; \* Åå ãæ&@• Á; \Á• |[ ] ^• ÉÁæ) å
c \| ā; \* Á&[ ;] ^\• ÉÁ \/ ææ&q \Á; @^\Á d^æåÁ•] æ&ā; \*
• @` |å Áà ^Áā; &\^æ• ^å Å; @} Á; [ \] \* Æ; Áā; Æ; Æ; Æ; Æ; ÉÁ
\[ `\* @Á; [ `\* @Á; [ `\* âÁ; Á^å; &\Áæ, Áæ] ] ā; ÉÁ

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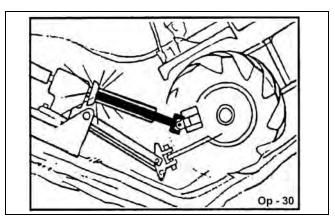




#### 9.6 Crossing Ditches and Steep Inclines

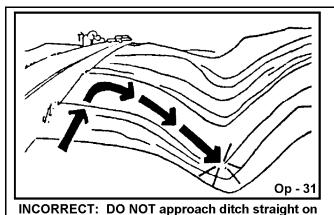
VÜØJŠÒÁØŠOÆŠ

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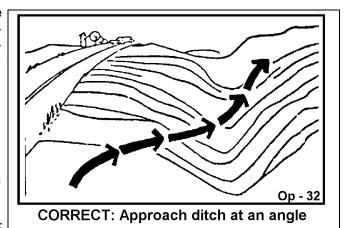


**AWARNING** 

Öæ{ æ\*^Á'^•`|@}\*Á+[{ Á;ç^\!Ë&[||æ}•^Á;-Ás@ Áå¦ãç^|ā}^o;Áā}}^!Á];|[-ā;^Áæ}åÁã•Á;`c'\Á@``•ā;\* { æ^Áæ||[¸Ás@ Áå¦ãç^|ā}^Á;K&[{ ^Á;[•^Á+][•^Á+][{ Ás@ Á/¦æ&d;¦Á;@&@Á%]`|åÁ&æ\*•^Áa[åā;Áā;Ď;^Á;Ás@ []^¦æq;¦Á;¦Áà^•œa}å^¦•Áæ}åЦÁ°¢c^}•ã;^Áåæ{ æ\*^Á;Ás@ Á/¦æ&d;¦Á;¦ÁQ]|^{ ^}cÈÁO*PS-R-0020* 



VÜØJŠÒÁØŠOÆŠ



#### **10. OPERATING THE TRACTOR AND IMPLEMENT**

THE OPERATOR MUST COMPLETELY UNDERSTAND HOW TO OPERATE THE TRACTOR AND IMPLEMENT AND ALL CONTROLS BEFORE ATTEMPTING TO OPERATE.  $\triangle$  @  $\triangle$  |  $\triangle$ 

Ó^-{ | ^Á+ cælcā) \* Áæ) ^Á[] ^ | ææā] } ÉÁs@^Á[] ^ | ææ[ | Á; \* o ÓÀ ^ &[ { ^Áæ( ājāæd-Á, ās@ Áæd- æá ^ ( Áà ^ Á, [ | \ ^ å Áā) Áæ) å Áæ) å Áæ) ° [ à • cæ&l ^ • Áæ) å Á@e æd å • Æ&[ } cæā] ^ å Á; ās@ā, Áq Án } \* ' | ^ Á æð ^ c Áq Ás@ Áq] ^ | ææ( | ÉÁs) • cæ) å ^ | • ÉÁs) å Ár \* ä] { ^ } dÉÁl / 8 &æd &æc } c Áq Ás@ Áq] ^ | ææ( | ÉÁs) å Ág &æ • ^ | • à ^ Áæ) å Áæ) ā[ æþ Æg Ás Aæd- æÈ OPS-U- 0015

#### **AWARNING**

O¢d^{ ^A&æ^A\* @ `|äAà^Aæà^} A @} A; ]^!ææā; \*A;^æA[[•^A; àb'&æ^A\* &@ æ Á\* |æç^|ÊÁ|[&\•ÊĀ; ā^ÊÁæà; åÁ[c@!Áå^à|ā EÁÁQ•]^&cÁc@Áæ&^æÁà^{!^^ (} { [¸ā,\* ÈÁQ[\*]^\* A; àb'&æ^Á\* @ `|åÁà^Á\* [ç^åÁ; [ ç^åÁ; [ 4c@Á\*ā\*Á; A] |^c,^} c { æ&@ā,^Áaæ; æ\* ^Áæà; å‡; |Áà |åā; Áā; b`!^Á; |Ár; |Ár; |ÁræææÆÁCE; ^Á; àb'&æ Ácæææ &æ; }[œ\$a^Á^A([ç^åÁ; \*• œ\$a^Á&|^æ|^A; æb\^åÁæa; aåÁæA; \*||^Áæç[āå^åÁà; Áæ@ []^|Aæ[|EÁÁÛ[]] A; [¸ā,\* Áā; { ^åãææ^|^Aá&a|æå^• A\*eÁ; |^aå, ÁæA; |Aå; Aæaæ; að ^&æá; að \áæaæ; æ\* ^Áæa; að &æá; að \áæaæ; æ\* ^Áæa; að &æá; að \áæaæ; æ\* Aæa; að &æá; að \áæaæ; æ\* Aæa; að &æá; að \áæaæ; æ\* Aæa; að &æa; að \áæaæ; æ\* Aæa; að &æa; að \áæaæ; æ\* Aæa; æ\* Aæa; að \áæaæ; æ\* Aæa; að \áæa; æ\* Aæa; að \æa; að \áæa; æ\* Aæa; að \áæa; æ\* Aæa; að \áæa; æ\* Aæa; að \áæa; æ\* Aæa; að \æa; að \áæa; að \áæa; æ\* Aæa; að \æa; að \æa;



VÜØJŠÒÁØŠOÆŠ

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#### **AWARNING**

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#### 10.1 Foreign Debris Hazards



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#### 10.2 Bystanders/Passersby Precautions

 $\begin{array}{l} \text{Cásasá} \cdot \text{ca} \text{ a}^{\text{l}} \cdot \text{ka} \left\{ \right. \\ & \text{A} \cdot \text$ 

VÜØJŠÒÁØŠOÆŠ

U] ^ | ææāi } ÁÛ ^ &æāi } ÁHĒĞÏ



Ø|æqqatt [¸^¦•Aæd^A&æd|æami|^A\*} ä^¦Aæmioç^¦•^A&[} äñqqat} •A[-Ac@[\_\_qat\* [àb%&orÁf¦Á\*¦^æcnÁaãræay}&^•ÁQtH∈€Á^^cnÁ[¦Á([¦^DÁæd)åÁ&æ\*•āj\*Á•^¦aj\*• ājb'¦^Áj¦Ás^æc@ÆÁØ[||[¸Áræ^cÂj(^••æt^°Ásæd^\*||°È



#### STOP MOWING IF PASSERSBY ARE WITHIN 300 FEET UNLESS:

EZ1[} ơớn; ả ÁÜ^æ; ÁÖ^-/^&q[+• Đố @n; ÁÕˇæ; ả• Đặ ¦ ÁÓæ; ả• Án; • œ; |^ à Án; Át[[å Đặ [¦\æà|^ &[} à ãn;] } L

ËT[, ^¦Án^&cā[}•Ásd^Á\*}}ā]\*Á&|[•^Ás[Áse]åÁ]ædæ|^|Ás[Ás@A\*¦[\*}åÁ¸ão@\*´cÁv¢][•^åÁÓ|æå^•L ËOЩÁsd^æÁ@æç^Ása^^}Áo@¦[\*\*@^Ás]•]^&c^åÁse)åÁse)ÅÁ;¦^ã\*}Á(æc^¦ãæ)Á\* \*|æ•Éæa}åÁ\*^}^¦æ∮Ás^à|ãÁœæÁs^^}Án^{{[ç^åÈ

**NOTE:** Where there are grass and weeds high enough to hide debris that could be struck by the blades, the area should be: inspected and large debris removed, mowed at an intermediate height, inspected closely with any remaining debris being removed, and mowed again at desired final height. (This will also reduce power required to mow, reduce wear and tear on the Mower drivetrain, spread cut material better, eliminate streaking, and make the final cut more uniform.) (Apost on the context of the streaking) and make the final cut more uniform.)

#### 10.3 Engaging the Power Take Off (PTO)





**AWARNING** 

 $O[A][OA] \circ AO(20) \circ AO(20) \circ AO(1) \circ$ 



VÜQÚŠÒÁØŠOEŠ

U] ^ læda } ÁÙ ^ & cai } ÁHËGÌ

#### 10.4 PTO RPM and Ground Speed

Õ![`}åÁ•]^^åÁ[¦Á[;ā]\*Á ¸āļÁå^]^}åÁ'][}Ác@Á@ā@£Ãc]^ ÊÁæ)åÁå^}•ācÁ[Æç^\*^œæā]}Ác[Áà^Á&cÈ
Ü^&[{ { ^}å^åÁ[;Á~æ&ā})cÁ[; ^¦Á,^¦-];{ æ)&^Ææ}åÆ^ç ^^}Á@£Ã;)\* ācÁ[Æç^\*^œæā]}Ác[Áà^Á&cÈ
Ü^&[{ { ^}å^åÁ]}^åÁ[;Á~æ&ā}cæā]óÁ[; ^¦Á;^¦-];{ æ)&^Ææ}Áæ,^ç ^^}Á©Ææ)åÁ,Æ[@£ÊÂ]@ŒÆÁU]^!ææ%æ@Æ[;¸^!
ææÉærÁ\*||Áææ°åÁUVUÁ]^^åÁ[Á;æā]œæājÁa|æå^Án]^^åÁ[¦Áæ&Q^æ)Æ&\*CĒÁÜ^-^!Á[ÁœÁd]æ&c[;Á]]^!ææ[¦opÁ;æa)\*æ¢Á;!
c@Ádæ&c[;Áā]•d\*{ ^}cÁ;æa)^[Á[;Ác@ÁN)\*ā,^àAÁ]^^åÁæ}åÁ\*^æAÁ[Á];[çãa^Ác@Á^\*\*åAÁUVUÁæ)åÁa^•ā^åÁ\*•ā^åÁ\*![\*}å
•]^^åÉÁTæà^Á\*;[\*Ác@æóÁœÆ,Æ[, ^!ÁæA,A;Á]^![ææ3]\*ÁæAæ\*ÁA]^^åÁa,^æ^Á;[AÁN}&C\$
QÆÓÁN&[{ ^•Á,^&^••æ^Ác@Ác@[cd^Á;æå\*æ]^È

Õ¦[ˇ] åÁ•]^^åÁæã Áæã Áæã Áæã Ç^åÁà^Ác!æj•{ ã•ā]}Á\*^æÁ•^|^&ā[}Áæ)åÁ}[ ÓÁa^Ác@Ás} \*ā,^Á[]^!ææā]\*Á•]^^åÈÁV@.
[]^!ææ[¦Á; æáÁs^Á^ˇ ā]^åÁæ[Ár¢]^!ā[^}cÁ; ãø@Ár^ç^!æþÁ\*^æbÁæ)\*^Á&[{ àā]ææā]}•Áæ[Ás^c^!{ ā}\_Áæ@Ás^•c⁴\*^æÁæ)å
!æ)\*^Á; @ã&@Á;![çãã^•Ás@Á; [•ơÁs^æÁ;^!-[!{ æ) &^Á![{ Ás@Á; [, ^!Áæ) åÁ; [•ơÁ~æðæ]}oÁæá; ¼Á]^!ææā]}ÈÁŒ£Áœ
•^ç^!ác Á; Á& cæð]\*Áæ[}åãā]}•Áā; &¦^æ•^ÉÃc@Á\*![ˇ}åÁ•]^^åÁ•@ˇ|åÁa^Áa^&¦^æ•^åÁà^Á•^|^&æā]\*ÁæÁ[¸ ^!Á\*^æÁ[¸ ^!Á\*^æÁ[
{ æð] ææā] Áæ@Á;![]^!Á[]^!ææā]\*ÁÚVUÁ]^^åÈÁOPS-R-0025

**AWARNING** 

O[A,[oA\c&^\åAs@ Aæe^\åAUVUA\]^\åA{\&@AQ]|^{{ \} dEMO\c&\••āç^AUVUA\]^\å•A&æ}A&æ•^ Q]|^{{ \} oA\å\āç^|ā,^A\\å\æå\Áæā`\^•Á\•`|cā,\*Á\A\ā``•Á\$\b`\^A\\å\`\*A\\ā\`\*A\\å\\æ@EA\\\\

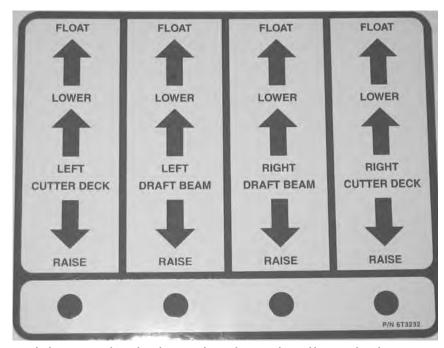
**AWARNING** 

VHØÁÖÒÔŒŠ

VÜQÚŠÒÁØŠOEŠ

U]^{aea[} AÛ^&a[} ÁHÊGJ

#### 11. CONTROL LOCATION AND FUNCTIONS



V@Á\^-oÁæ)åÁaã@Á([¸^¦ÁUÞÐUØØÁ¸ãã&@•Áæò^Á([ˇ}৫\åÁ[Ác@Á;ˇ¦Á\][[|Áçæòç^Á;¦Ác@Á&æà|^Á&[}d[|•Á;¦Á&æà æ)åÁ,[}BææàÁ}ã•Á\•]^&cãç^|îÀÜ^æåÁæ)åÁ;||[¸Ác@Á;[¸^¦Á;]^¦ææã;}Á\^&cã;}Æk|[•^|^Á;¦Á§•dˇ&cã;}•Á;}ÁQ¸Á; []^¦ææ^Ác@{È

V@á Á; æ&@3,^Á; æ Ás^Árˇ ā]]^åÁ, ãc@Ás) Áse ¢ājāse^Á;ājÁs^{]^¦æš¦^Á;æ \*^Ésse) Áse(]Á;æ \*^Á;¦Á;ājÁ;¦^•••˚¦^Á;æ \*^È QÁ;ājÁs^{]^¦æš¦^Á;^æ&@•Á⊙€€Ás^\*¦^^•Á⁄ææ@^}@āfÉnd[]Á;[¸^¦•Áse)åÁn^^ÁTroubleshooting ā; Maintenance SectionÁ;¦Á;[••ās|^Ásæ\*•^•ÈÁS^^]Áse)Ár^^Á;}Áse|Á;æ\*^•Á;¦Ásjåā&ææā;}Á;Á,Á;[à|^{•È

VÜØJŠÒÁØŠOÆŠ

U]^¦æaã[}Áù\^&cã[}Á<del>\LÜ</del>€

#### 11.1 Operating the Mower

#### **AWARNING**

 $Y @ \} \acute{A}[ cæeā] * \acute{A}! advo \'{A}sh^{\'{A}}; \acute{A}[ [cā] \} Eh^{\'{A}} - {ā}[ ` \bullet \'{A}] b` | ^{\'{A}}; ae \acute{A}; && ` | ⁄āsh^{\'{A}}see `cā] } \acute{A}sh^{\'{A}} [ ch^{\'{A}} - ch^{\'{A}}; ah^{\'{A}}] [ ch^{\'{A}} - ch^{\'{A}}; ah^{\'{A}}] [ ch^{\acute{A}} - ch^{\acute{A}}; ah^{\acute{A}}] [ ch^{\acute{A}}] [ ch^{\acute{A}} - ch^{\acute{A}}] [ ch^{\acute{A}]} [ ch^{\acute{A}}] [ ch^{\acute{A}]} [ ch^{\acute{A$ 

V@Á|æāļÁ; [¸^¦Ás^&\Á@`|åÁs^Á&æ¦ā°åÁ[Ás@æAjædoÁjæÁ@Á,^ã @Ás Á&æ¦ā°åÁs^Ás@Á;[`}åÁ[||^¦ÈÁY @}Ás@Á|æājÆs &æ¦ā°åÁs@Á,æÉ&@Á[||^¦Ás‡•[Á[||Ç•Ás@ÁS[}q`;|Á;Æá@Á;[`}åÁ;[¦^ÁræājÂs`¦ā;\*Á;[¸ā;\*Á;[¸ā;\*Á]^¦ææāj}•È

Y @} Á&` ccā; \* Á+{ æļÁ+@`à•Á; !Áa!`•ŒÁà^\*ā; Á^æ&@Á; æ•ÁææÁc@ Á; ] ¼; Ác@ Á; ææ^!āæþÁæ; åÁ; [!\Áa[¸}Á¸ āc@Á^æ&@
&[}•^&` cāç^Á; æ•ÈÁÁ\/•^ÁæÁ; Á; ]^^åÁ; Áæ∯[¸ Ác@Á&` ccā; \* Áa]æå^•Áā; ^Áq[Á; `|&@Áæ; Á, ^||Áæ-Æ&` cÁc@Á; |āæ²^ÈÁY @}
cœÁā; āñæþÁ; æ•Áææ-Áà^^}Á; æå^ÊÁsã^^} \* æ²^Áœ@Á; [¸ ^!Áæ; åÁ^č !} Ác@Á; [¸ ^!Áq Ác@Áa; æç^Á; [•āāī; ÈÄÜ^č !} Áq Ác@
•cæċā; \* Á; [ā; cÁæ; åÁ; æà^Á, ^¢cÁ; æe•ÊÁ\*cÆÈV @ ÁjæāÁ@æåÁæ; Á; cÆ; cÆ; \* Á@æç, Áá!`• œÆ; Áa!`• œÆ; !Áæ; æi; Aæ; æi; Áæ; æi; Aæ; æi; æi; Aæ; æi; æi; Aæ; æi;

V[Áṣ) • ˇ ¦^ÁæÁs|^æ) Ásˇ ŒÁN} \* ¾ ^Án] ^^åÁs @ ˇ |åÁsh^Á; æði æði ^åÁsæÁsæ] ¦ [¢ãi ææ^|ˆ ÆFÌ €€Á ÁGG€€ÄÜÈÉÈT ÈÁGÁ© ÁslæÁg ¦ • [[¸ •Á[Á^••Ás@æ) ÆFÌ €€ÄÜÈÉÈT ÈÉÁ @ãÁ[Ás@Á,^¢cÁ[¸ ^¦Æ^æèÉÖUÁ>UVÁãå^Ás@Ás|ˇ & @ÉÁs@á Á, ¾ Ásæĕ • ^Á; | ^{ æč ¦ ^ & @Áæá‡ ¦ ^ÈÆThe engine should not be operated at any time at more than 2400 R.P.M. on the tractor tachometer.

## **AWARNING**

QÁsî•cæ)å^\•Ásē]] | [æ&@Á¸ãc@)Áh∈€Á^^cÁ¸@Ā^Á; [¸^|ÆsÁsÁsÁs]^|æāi]}Æč¦}Æí; Aí, [¸^|Ás¸ãæ@ÁslæØ+ ãi{ ^åãææ^|^ÃNCEe^|Ár@ cå[¸}ÊÁ,^ç^|Ár@aç^Ác@ Áslæ&d[|Ár|Áse||[¸Æsî•cæ)å^|•Ás[Æsē]] | [æ&@Á¸ãc@) 300 feet[-Ás@ Á}ãoÁ}cāÁse|Ár[cāi]}Árd[]•Æs[{]|^c¢|^È

Y @ } Á\} &[`} c\|ā;\*Áædç^\|^Át^^ç^\|^Á&[} å ããā]} Á, @ B&@ & & •^•Ác@ Áclæ&d; |Áq Árcæ|Ébåã^\}\*æ\*^Ác (\_, ^|Étrcæ+cÁclæ&d; |Ê |æã^^Ác@ Á; [, ^|Á|; { Ác@ Á&`cÉÀU @ cÁ;~Áclæ&d; |Áæ; å Áş,•]^& cÁc@ Á; [, ^|Ébá|æå^•Áæ; cc^\|•@æeÁ; |Áåæ; æ\*^Áa^-{; \^ ^}\*æ\*ā]\*Á; [, ^|Áæ\*æā]È

QÁc@Ás|æå^•ÁææṭÁ;¦Ánḍ]Ēŝsā^}\*æt^Ác@Ás|\*c&@Áse;åÁææ\*^Ác@Á@æåÁ|āt@|^Á;¦Ásæ&\Ác@Átæ&qṭ¦Á]ÈÄp[;{æ||^ÊÁc@á ¸ā||Ás|^æáÁc@Ás`co^¦Á@æåĚQÁ;[dÉà@of;~Ác@Á;[,^IÇDÉÁææ\*^Ác@Ás`co^¦Á@æå•ÉAc`¦}Á;~Ác@Átæ&qṭÁæè;åÁr^óÁc@ ]æ\]ā\*Ás|æA^ÈÁCE&¦Áæ||Á;[dī}Áq]•Ás[{]|^c^|^ÊÉ\æç^Ác@Átæ&qṭÁæ}åÁs|^æÁc@Ás`cc]\*Á@æå•Á;æ}åÁ;æA

O E-c'¦Ác@ Á-ā•o Ás æ Á[-Ás]^¦æaā[}Ê Æ Ás Ás[|o•Á•@\*|åÁa^Á&@ &\^åÁæ) å Ácā @^}^åÁe^^& '\|È\V@\*Á @['|åÁà^Áå[}^ ]^¦ā[å&aæ]^Ás[Á\}•`¦^Ás@ Ás[|o•Ás[Ás[Ás[ó•Ás]&] - Ás[é-Aæ) å Ásæ •^Ásæ æ \*^Ás[Ás@ Áslæsko[¦Ás[Ás[s]o·ÉAs[Ás]b`;^Ás[Ás@ []^¦æs[¦ÈXD;•[ĒÁs^Á`¦^Ás[Á`à¦ææ\*Ás@ Á;}⯿\*Ás]•d`&c^åÁs[Ás@ ÁMaintenance Section.

VÜØJŠÒÁØŠOÆŠ

U] ^ | aeaaaa } AÛ ^ & caaaa } A<del>h ii</del> F

#### 11.2 Shutting Down the Implement

 $\begin{array}{l} V_{i} \stackrel{?}{A} \stackrel{?}{A}$ 





## 12. DISCONNECTING THE MOWER FROM THE TRACTOR



VÜØJŠÒÁØŠOÆŠ

U]^\aea[\}\A\\\0^&ca[\}\A\\\\\\\B



**A** DANGER

$$\begin{split} &\text{P^c_{\Lambda}}|A_{|}^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger}|A^{\dagger$$



VÜQÚŠÒÁZŠOESŠ

#### 13. MOWER STORAGE

 $\begin{array}{l} \text{Q\'e} \dot{a} \dot{A} \wedge \& [ \{ \{ \land \} \& \land \dot{a} \dot{A} \otimes \dot{a} \dot{A} \otimes \dot{a} \dot{A} \otimes \dot{A} ( [ , \land | \dot{a} \dot{A} \dot{a} \otimes \dot{A} \otimes \dot{A} ( [ , \land | \dot{a} \dot{A} \dot{a} \otimes \dot{A} \otimes \dot{A} ( [ , \land | \dot{a} \dot{A} \otimes \dot{A} \otimes \dot{A} ( [ , \land | \dot{a} \dot{A} \otimes \dot{A} \otimes \dot{A} ( [ , \land | \dot{a} \dot{A} \otimes \dot{A} \otimes \dot{A} ( [ , \land | \dot{a} \dot{A} \otimes \dot{A} \otimes \dot{A} ( [ , \land | \dot{a} \dot{A} \otimes \dot{A} \otimes \dot{A} ( [ , \land | \dot{a} \otimes \dot{A} \otimes \dot{A} ( [ , \land | \dot{a} \otimes \dot{A} \otimes \dot{A} ( [ , \land | \dot{a} \otimes \dot{A} ( [ , ) ( [ , \land | \dot{a} \otimes \dot{A} ( [ , ) ( [ , \land | \dot{a} \otimes \dot{A} ( [ , ) ( [ , ) ( [ , ) ( [ , ) ( [ , ) ( [ , ) ( [ , ) ( [ , ) ( [ , ) ( [ , ) ( [ , ) ( [ , ) ( [ , ) ( [ , ) ( [ , ) ( [ , ) ( [ , ) ( [ , ) ( [ , ) ( [ , ) ( [ , ) ( [ , ) ( [ , ) ( [ , ) ( [ , ) ( [ , ) ( [ , ) ( [ , ) ( [ , ) ( [ , ) ( [ , ) ( [ , ) ( [ , ) ( [ , ) ( [ , ) ( [ , ) ( [ , ) ( [ , ) ( [ , ) ([ , ) ( [ , ) ( [ , ) ( [ , ) ( [ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , ) ([ , )$ 

Ú|[]^||^Á||^]ædā,\*Áæ)åÁrq[lā,\*ÁœÁ(@Ár)åÁ[,^ÁœÁ(@Ár)åÁ[,Ác@Ár^æe[]ÁñáÁ&läña&æÁ[Á[,Á;æði,æði,ð]\*ÁñæÁæ)]^æbæ)&^ æ)åÁ[,Á@|]Ár}•`'|^Á^æ•Á[,Áå^]^}åææi|^Ár^|çæXrÈÁV@Á[||[,ā,\*Ás@Ár^æ\*r^•c\*åÁrq[læ\*^Á;![&rå`!^•K

- V@(![\*\*@'Á&\\^æ)Áæ|Áå\^à!ã•Á; ~Áo@Á; [¸^!Á;
  ] !^ç^}cÁåæ; æ\*^Á-√[{ Á |[ccāj\*Á\* |æ••Áæ)å
  •cæ)åāj\*Á;ææ^!È
- Š`à¦a&æevÁæ;|Á; [¸^¦Á\*¦^æ•^Á][ājo•Áæ;åÁ-ā| \*^æà;[¢Á[ā¼Á|^ç^|•Áæ;4å^c æā;^åÁā;ā,Á c@ {æā;¢^}æ;8^Á;^&aā;}È
- ″ Va\*@e^}Á aa|Aa [|o•Á aa)åÁ ]ā,•Á q[Ás@e |^&[{{^}a^a^áÁg[;~`^È
- `` Ùq[ \^Ác@ Á; [ , ^\Áā; ÁæÁ&\^æ; ÉŽå\^Á; |æ&\Á, ãc@ c@Á { [ , ^\ÁQ `•ā; \*Á^•cā; \*Á^•&`\^|^Á; } à|[ &\•Á; \ÁæÁ; [ ` } åÁ\^ç^|È
   ``
- S^^] Ác@ Áå lãç^ lã ^ Á [ \^Á l [ { Á ãcã \* Á§ Á æe^ lÊ
   åão Áæ) å Á c@ lÁ& | } cæ( ã æ) o È



 Qfar Asl arabadycomedia | ay | ay | Asly come | Asly |

**A** DANGER

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#### 14. TRANSPORTING THE TRACTOR AND IMPLEMENT

A DANGER



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Wh^Án¢d^{ ^Ásæ` cāi } Ásæ; ãáÁsæ; ãáÁsæ; ãáÁsæi ] | aBææāi } • Ái ~ c@ Áci æ&qi ¦Ási æà ^• Á; @} Ásæi | â; \* Ái ~ i a; { ^} cÁsæÁ; æå •] ^^å• ĚÁÁP^ç ^¦Á @ĕ |Ác@ Áāi ] | /{ ^} cÁææÁ ] ^^å• \* ¦^æe^¦Ás@æi ÁG€ÁT ÚPÁQHGÁI @ŒÈ OPS-U- 0018\_A



QÁS@Áslæ&qiloqÁ@ålæĕ|&KÁj`{]ÁsnÁj[oÁsjå^]^}å^}}å^}oÁj-Ás@Áslæ&qi¦ÁÚVUÁÄ;¦ÁsÁs@Áslæ&qi¦ÁÚVUÁ@æeÁqiÁs^Á`}ÁqiÁæç^ @ålæĕ|&KÁj[¸^¦ÉÁsãn&[}}^&oÁs©Aj[¸^¦Ásláç^|3j^Ásl[{Ás@Áslæ&qi¦ÁÚVUÁj`qj`oÁs@ædÉÁU^&`¦^Ás@Ásláç^|3j^ÁqiÁs@ {[¸^¦Ás^&\ÁqiÁs¦^ç^}oÁsláç^|3j^Ásæqiæt^Áqi4f••Ás`!3j\*Áslæðj•][¦dÈ

#### 14.1 Transporting on Public Roadways

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NOTE: Ensure that the mower sections are fully raised and that the travel locks are engaged for each section.

**AWARNING** 



A DANGER



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#### **AWARNING**



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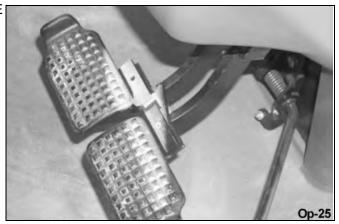






VÜØJŠÒÁØŠOÆŠ

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#### 14.2 Hauling the Tractor and Implement





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## **15. TROUBLESHOOTING GUIDE**

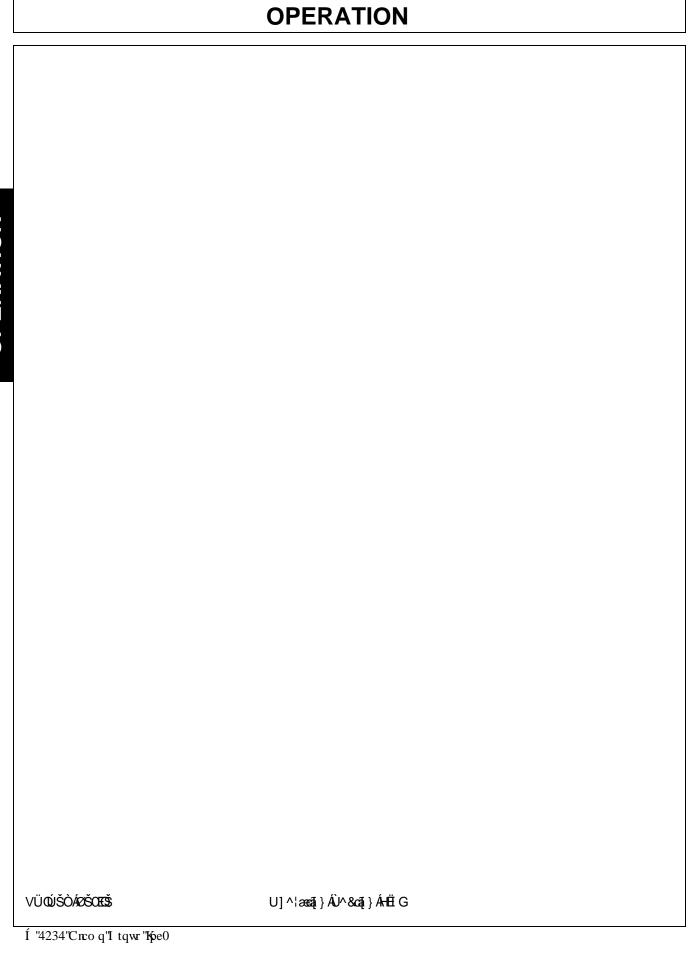
| PROBLEM              | POSSIBLE CAUSE                                                                                                                                                                                                                   | REMEDY                                                                                                                                                                                                                                   |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ò¢&^••ãç^Áxãa¦æãa;}• | Ô@&\Á*^æàà[¢Áà[ œÈ<br>Ô@&\Áţ¦Á;ã•尋*Á}ãç^•Á;}<br>&ˇœ^¦Á;@ædÈ<br>Ô@&\ÁgÁ^^ÁāÁ}ãç^•Áæ}^<br>-\^^Á¸ā*專*È<br>Ó æå^Áà¦[\^}Áş¦Áà^}dÈ<br>Ôˇœ^¦•@æoÁà^}dÈ<br>Öʿæ^ 尋^•Á;[ớ;@æo^åÁ&[¦ ^&dîÈ<br>Q;] ^{{^}orÁBÁ/ æ&d¦Á[\^•<br>{~*•ơÁa^Áa;Áa;^È | Vã @^} ÁSÁ[[•^È<br>Ü^]  æ&^Á; ã•ā;*Á}ã;^•È<br>Ø!^^Á}ã;^•Á[Á@^Á; ā;*È<br>Ü^]  æ&^Ás æå^•È<br>Ü^]  æ&^Ás; æ°!• @ææÈ<br>Ü^]  æ&^Ás; ā;^ ā;^È                                                                                                |
| Õ^ælà[¢ÁJç^¦@eæd}*   | Š[, Á,}Á,`à¦&&æ)dÈ Q,];[]^¦Ác]^Á;à¦&&æ)dÈ Ò¢&^••ã;^Ádæ•@Ás`ā¦åË] æ;[`}åÁ;^æ;à[¢È Ó^æ;ā,*Á;¦Á;^æ;•Á,^ó;] ā,];[]^¦ `È                                                                                                              | Øā  Áq[Án^ç^ Aj `*È<br>Ü^] æ&^Á,ão@Á,¦[]^¦Áj`à¦ä&æ)dÈ<br>Ü^{[ç^Ád;æ•@È<br>Ô[}•` oÁ[ĭ¦ÁÖ^æ†^¦È                                                                                                                                            |
| Õ^æ¦à[¢ÁÞ[ã^         | Ü[ˇ*@ŰÕ^æ∳È<br>Y[¦}ÁÓ^æl∄*È                                                                                                                                                                                                      | Ü`}ËŋÁq¦Á&@æg)*^Át^æd•È<br>Ü^] æ&^Áa^ædậ*È                                                                                                                                                                                               |
| Þ[ <b>ã</b> ^        | Öæ{ æ*^åÁÓ^ œÁÛ@&^ å<br>ÇÜ`ààā}*Á;}Á;`  ^^•Á;!Áà^ œTÈ<br>Y[¦}ÁÓ^æb}*Á;!ÁÕ^æbÈ                                                                                                                                                    | Ùdæat @c^} Aj¦Án^] æas^Án @an å•È                                                                                                                                                                                                        |
| Õ^ælà[¢Æ^ælā]*       | Öæ(æ*^Á;ā/Á^æ†È Ó^} oÁ @ædÈ Ù@æÁ[**@Á;Á;ā/Á^ædÁ±A*A Uā/Á^ædÁ;•œd ^åÁ;![}*È Uā/Á^ædÁ;•œd ^åÁ;![}*È Uā/Á^ædÁ;•æd *Á§Á@ @*•ā;*È Uā/Á^ç^ Á;[Á@#@È Ùæ;åÁ@ ^ÆiÁ&æ;æ;å;*È Õæ:\^oÁsæ;æ;æ*^åÈ Ó[ æ/Á[[•^È                                 | Ü^]  æ&^Á,^æþÈ Ü^]  æ&^Á, ãÁ,^æþÁ; åÁ, œææÈ Ü^]  æ&^Á, ¦Á^] æðÁ, œææÈ Ü^]  æ&^Á,^æþÉ Ü^]  æ&^Á,^æþÁ; ¦Á.•^ÁæÁ,^æþæ; oÁ; }Á UÖÁ, ÁÛ^æÈ Ö¦æð, Á, ðÁ(, Á, ¦[] ^¦Á,^ç^ È Ü^]  æ&^Á&æ•æ, æ, *•Á, ¦Á,^æ;à[ ¢È Ü^]  æ&^Á;æ•\^œÈ Vð œ^} Ái[  æ•È |
| VÜQÜĞÖÁØĞOEĞ         | U]^¦æaā[}Áû\^&aā[}Á <del>lÜ-</del> U                                                                                                                                                                                             |                                                                                                                                                                                                                                          |

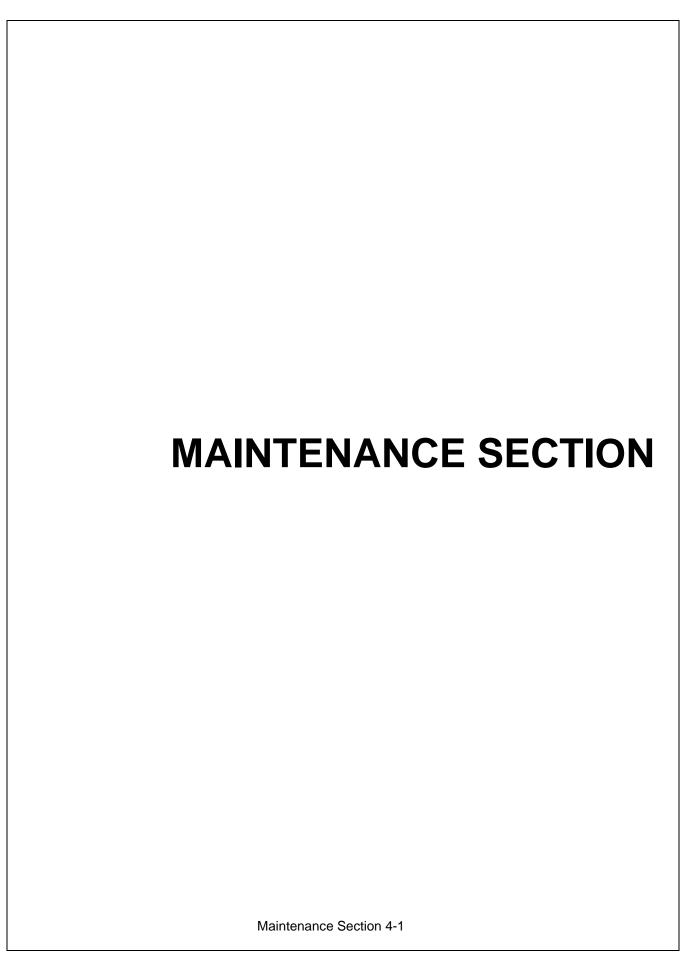
| Ô ` &@ÂÛ ₫•ÁÒ¢&^••ãç^ ^                             | Ô `@&@Ájājā*•Áajæaå ^Á;[¦}Áj¦                                                                         | Ü^]ænafæy o&@4,^¦Á(ænafo^}æ)æ%                                                            |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
|                                                     | ] æe^•Á,æe]^åÈ<br>V[[Á(ĭ&@Á)[,^¦Á(;¦Á&()ĭo&@È                                                         | •^&cā[}Á[,-Á[, æ); æ+•È<br>Ü^å: &^Át¦[`}åÁs]^^åÁse)åÁ[, æe^¦ãæ)<br>ā[æa}^È                |
|                                                     | UāĄ́}Áæ&ā,*∙È                                                                                         | ÿ væ.<br>Ü^]  æ&^Áæ&a} *•È                                                                |
|                                                     | Øla&ca[}Áæ&a]*•Át æ^åÈ                                                                                | Ô ^æ}Á,ão@^{{ ^ ^Á& [ o@È                                                                 |
| S}ãç^•Áv^æÁv[[Án⊘æec                                | Ô`ccāj*ÁsjÁræ)å^Ás{{} åänā[}•È<br>Ô`ccāj*ÁsjÁ[&\^Ás{} åänā[}•È<br>Ù[~oÁ‰,ā ÁaōuAi}ãç∧•È               | Q&¦^æ•^Á&`ccāj*Á@`ā*@È<br>Q& ^æ•^Á&`ccāj*Á@`ā*@È<br>W•^Á*^}`āj^Á/ā^¦Á}āç^•È               |
| P^妿ĕ &&ÁÔ^ &jå^¦Áv á  <br>Þ[oÁU]^¦ææ^               | Þ[ơÁ^}[ˇ*@Á¸¦^••ˇ¦^È<br>Xæ‡ç^Á,[ơÁ&[}}^& ơ^åÁ¸¦[]^; ^È<br>Ûˇã&\Á&[ˇ] ^¦Á,[ơÁ&[{] ^ơ^ ^<br>&[}}^& ơ^åÈ | Ô@&\ÁÚ¦^••ˇ¦^È<br>Ü^Ë; ĭ{àÁşæqç^È<br>Ô[{] ^♂Á&[}}^&@[}È                                   |
| U <b>ā√a</b> ~~`ālcāj*Á√![{ÁÓ¦^æen@~¦<br>X^}c√aP[ ^ | UāļÁj^œàāj *Áa^Ájārē[}Áāj*È                                                                           | Ö[Á),[ơŚsæd: ^Ásxˇcơ^¦Án;}Ásxˆ ā);å^¦È<br>Ù{æd Án^æd;æ*^Ásæ{[ˇ}ơŚsæÁ][¦{æd)È              |
| , .,                                                | Úã đ } Á&J+ÁÜā * Á [ ¦ } È                                                                            | Ü^]  æ&^Ájãq{} ÁkuJ+ÁÜãj*È                                                                |
|                                                     | Ô^ ā̞a^¦ʎ̞aၛÁ-&[ ^åʎ̞tlʎ̞āœ^åÈ<br>Y  [}*ʎ̞ā-ɗ}ʎa̞*ʎ̞}^ʎā-ɗ}È                                          | Ü^] æ&^Á&^ ā}å^\È<br>W•^Á&[; ^&oÁjãrq[}Ájāj*È                                             |
| Öãr&@æd*āj*ÁÓ`}&@∙                                  | Ó^ ơÁ§,•cæ  ^åÁã[]¦[]^¦ ^È<br>Ó æå^•Áåĭ  È<br>զ敕Á[[Á,^cÈ                                              | Ô@~&\A&n^ oÁ[; Á&[; ¦^&oÁ;^oÁ;]È<br>Ô@~&\A& æ&^•Á[; Á;@ed]}^••È<br>YæwóÁ; Á; æ••Á[;Á&; ^È |
|                                                     | Õ¦æ∙Áa[[Á[}*È<br>V¦æç^ Áa]^^åÁa[[Áæ-dÈ                                                                | T[¸Á <del>xœÁtÜE</del> £05-Áxx)åÁ∧Ë&`oÁ(¸^¦È<br>W•^ÁxxÁ(_^¦Ádæ&d¦Át^ædÈ                   |
|                                                     | ÚVŮÁÜÚTÁ[[Á[]È                                                                                        | VF``A&A, `^ A& && TA``&E<br>T[, ÁseA^}* ≹.^AÜÚTÁξÁ; æ&@Á.Ι€ÁÚVU<br>ÜÚTÈ                   |
| Ó æå^•ÁÙ&æ]]ā]*ÁPā*@<br>Ú æ&^•                      | T[,ā]*Áq[[Áq[,È<br>Ü[**@£Á;}^ç^}Án;[*}åÈ                                                              | Üaaār^Á@∂āt@M∱.√Á&čdÈ<br>W•^ÁadA•[[,^¦Án]^^åÈ                                             |
|                                                     | V"¦}āj*Á√¦æ&d[¦Áq[[ÁæedÈ                                                                              | Š[¸^¦Á[  ^¦•È<br>Ù [¸Áå[¸}Á¸@0}Áč¦}āj*È                                                   |
|                                                     |                                                                                                       |                                                                                           |
| VÜQÚŠÒÁØŠŒŠ                                         | U]^¦æaā[}ÁùJ^&aā[}ÁnHE[€                                                                              |                                                                                           |

| W}^ç^} ÁÔ*c                       | V¦æç^ Án]^^åÁn[[Áæe-dÈ<br>T[,^¦Ánå^&\Án[dÁnç^ È<br>Ó æmå^•Án*  ÍnÁ ¦Á;}àædæn)&^åÈ<br>Ö^&\Á;}å^¦•ãn^Án ***^åÈ<br>Õ¦æe•Án[[Á@#@È      | \\\\^\alpha\alpha\ [_, ^\alpha\]^^\alpha\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\                                                                                                                                                    |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Õlæ•ÁÔ ā]ā,*•Ávā,ål[¸<br>[¦ÁÔ `{] | զ敕Án[[Á,^dÈ<br>զ敕Án[[Á@a†@È<br>P[ˇ•ā]*Án ĭ**^åÈ                                                                                     | Yannan Á¦¦Ár¦æe•Án[Áng¦^È<br>T[,Ánnan Ár¦æn Án                                                                                                                                            |
| Ő¦æ•ÁÞ[ơÁÓ^āj*ÁÔ°c<br>Òç^} ^      | Ó^ cÁ, [¦}Á, lÁ, lá]]ā, *È<br>Ù]¦ā, *Áa; [\^Ása) åÁa^ cÁ, ~Ásá ^¦È<br>P[ˇ•ā, *Á, lˇ**^åÈ<br>Ö^à;āÁsa; [ˇ}åÁ, ˇ  ^^•È<br>զ敕Áa[[Á@ā@È | Ü^]  æ&^Á(; lÁsæålŏ•oÁs^ cÈ<br>Ü^]  æ&^Á:] lã, *Á(; lÁsæålŏ•oÁs^ cÈ<br>Ô ^æ;) Á; å^!•ãs^Á(; -ÁQ; *•ā; *È<br>Ü^{ [ç^Ás^&). Ás^ cÁ @a* åÁse;) å<br>& ^æ;) Á(; oÁs^à;lã È<br>T [, ÁsæÁ <del>, ÉTEO:Áse</del> ;) åÁ,^É&; oÁ(; ^¦È |

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#### **GENERAL INSTRUCTIONS**

Tiger Mowers are designed for high performance and rugged durability, yet with simplified maintenance. The purpose of this section of the manual is to help the operator in the regular servicing of the mower. Regular maintenance at the intervals mentioned will result in the maximum efficiency and long life of the Tiger Mower.

When you purchase a Tiger Mower you also acquire another valuable asset, Tiger's parts organization. Our rapid and efficient service has guaranteed the customer satisfaction for many years. Tiger parts keep up with the demands for efficiency, safety and endurance expected of the Tiger Mower.

#### MAINTENANCE PRECAUTIONS

- Be sure the end of the grease gun and fittings are clean before using. Debris injected into bearings, etc. with grease will cause immediate damage.
- DO NOT use a power grease gun to lubricate bearings. These require very small and exact amounts of lubrication. Refer to the detailed maintenance section for specific lubrication instructions. DO NOT overgrease bearings.
- Lexan windows should be washed with mild soap or detergent and luke warm water, using a soft clean sponge or soft cloth. DO NOT use abrasive or alkaline cleaners or metal scrapers on lexan windows!
- Be alert to maintenance indicators such as the in-tank filter pressure gauge, hydraulic reservoir sight gauge, etc. Take the required action to correct any problems immediately.
- Release of energy from pressurized systems may cause inadvertent actuation of cylinders, or sudden release of compressed springs. Before disconnecting any hoses relieve pressure by shutting tractor off, setting cutter on ground and actuating lift valve handles.



DO NOT use hands to check for suspected leaks in hydraulic hoses! Hydraulic fluid escaping under pressure can have sufficient force to penetrate skin and cause serious injury. If fluid is injected into skin, it must be surgically removed within a few hours or gangrene may result. Use a small piece of wood or cardboard, not hands, to search for pin hose leaks. Be sure all connections are tight and hoses and lines are not damaged before applying pressure.

#### **BREAK IN PERIOD**

In addition to following the break in instructions for your particular tractor, the in-tank hydraulic fluid filter should be replaced after the first 50 hours of service. Thereafter the filter should be replaced every 500 hours, or yearly, which ever comes first.

Re-torque wheel lugs after first five hours of operation and periodically thereafter. See torque specifications listed in the tractor's service manual for your particular model. Wheel lugs must always be re-torqued whenever a wheel is removed and reinstalled.



Never work under the Implement, the framework, or any lifted component unless the Implement is securely supported or blocked up to prevent sudden or inadvertent falling which could cause serious injury or even death. (SG-14)



TRIPLE FLAIL

**≜**WARNING

Do not modify or alter this Implement. Do not permit anyone to modify or alter this Implement, any of its components or any Implement function. (SG-8)

A DANGER

Always disconnect the wire leads from the mower pump solenoid before performing service on the Tractor or Mower. Use caution when working on the Tractor or Mower. Tractor engine must be stopped

before working on Mower or Tractor. The Mower Blades could inadvertently be turned on without warning and cause immediate dismemberment, injury or death. (SBM-12a)



#### **REGULAR MAINTENANCE**

The intervals at which regular servicing should be done are based on hours of operation. Use the tractors hour meter to determine when regular servicing is required.

#### **Daily or Every 8 Hours**

| ITEM                                      | SERVICE               | COMMENTS                                                                              |
|-------------------------------------------|-----------------------|---------------------------------------------------------------------------------------|
| Drive Shaft Yoke, U-Joint<br>& Stub Shaft | Grease                | Grease as instructed in detailed maint. section                                       |
| Pump Drive Shaft Coupler                  | Check and Lube        | Insure drive shaft end play                                                           |
| Crankshaft Adapter                        | Check rubber grommets | Replace grommets if damaged or missing                                                |
| Pivot Points                              | Lubricate             | Inject grease until it appears at ends                                                |
| Hydraulic Fittings                        | Check for leaks       | Tighten when needed. Do Not use hands to check for leaks, see Maintenance Precautions |

TRIPLE FLAIL

| ITEM                                                                    | SERVICE      | COMMENTS                                                                                               |
|-------------------------------------------------------------------------|--------------|--------------------------------------------------------------------------------------------------------|
| Knives                                                                  | Check        | Inspect for missing or damaged knives, change as needed                                                |
| Spindle mounting bolts (spindle to deck)                                | Check        | 3/4" x 2" or 3/4" x 2-1/2" bolts torque to 331 ft. lbs.                                                |
| Knife mounting bolts knife to disk)                                     | Check        | Pre-lubricate threads, then torque to 800 ft. lbs. Saber - Torque 1-3/4" knife bolts to 2,000 ft. lbs. |
| Disk mounting bolts<br>(disk to spindle)                                | Check        | 5/8" x 1-3/4" or 5/8" x 2" bolts -<br>torque to 204 dry / 184 oiled ft. lbs.                           |
| Belts                                                                   | Check/Adjust | Check if broken, tighten as required.                                                                  |
| Main Frame and Deck                                                     | Check        | Retorque bolts to torque specifications in this section                                                |
| Hydraulic Fluid Level                                                   | Check        | Add if required per fluid recommendations                                                              |
| Rear Flail Drive (if applicable)<br>Bearing Flange and<br>Shaft Coupler | Lubricate    | Grease as instructed in detailed maintenance section                                                   |
| Cutter Shaft                                                            | Lubricate    | Grease as instructed in detailed maintenance section                                                   |
| Ground Roller Bearings                                                  | Lubricate    | Grease as instructed in detailed maintenance section                                                   |

TRIPLE FLAIL

| WEEKLY OR EVERY 50 HOURS                               |                            |                                                                  |  |
|--------------------------------------------------------|----------------------------|------------------------------------------------------------------|--|
| ITEM                                                   | SERVICE                    | COMMENTS                                                         |  |
| In Tank Hyd. Fluid<br>Filter <b>(10 micron filter)</b> | Change                     | Change after first 50 hours only, then every 500 hours or yearly |  |
| In-Line High Pressure<br>Filter (10 micron filter)     | Change                     | Change after first 50 hours only then every 500 hours or yearly  |  |
|                                                        | MONTHLY OR EVERY 150 HOURS |                                                                  |  |
| ITEM                                                   | SERVICE                    | COMMENTS                                                         |  |
| Hydraulic Fluid Level                                  | Check                      | Add as needed                                                    |  |
| Hyd. Tank Breather                                     | Clean/Check/Replace        | Clean or replace<br>Element as required                          |  |
| Rear Tire Type<br>480/80R38                            |                            | Max P.S.I.<br>29                                                 |  |
| 18.4-34                                                |                            | 26                                                               |  |
| 18.4-38                                                |                            | 26                                                               |  |
|                                                        | YEARLY OR EVERY            | 500 HOURS                                                        |  |
| ITEM                                                   | SERVICE                    | COMMENTS                                                         |  |
| Hydraulic Tank Fluid                                   | Change                     |                                                                  |  |
| In Tank Hyd. Fluid Filter<br>(10 micron filter)        | Change                     |                                                                  |  |
| In-Line High Pressure Filter (10 micron filter)        | Change or                  | Change when indicated by restriction indicator.                  |  |
| Hyd. Tank Breather                                     | Change                     |                                                                  |  |
| Motor to Cuttershaft<br>Spline Connection              | Change                     | Grease as instructed in the detailed maintenance section         |  |
| TRIPLE FLAIL                                           | Maintenance Section 4-5    |                                                                  |  |

## **TROUBLESHOOTING**

| SYMPTOMS                          | CAUSE                                                      | REMEDY                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Vibration                         | Loose Bolts                                                | Check all bolts and tighten to recommended torque specs.                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                   | Cutter assembly<br>Unbalanced                              | Check for damaged blades, disc or cuttershaft. Replace if needed. Check for wire, rope, etc. entangled in the cutter assembly                                                                                                                                                                                                                                                                                                                                               |
| Mower will not lift               | Hydraulic Fluid Low<br>Leaks in line                       | Check and refill hydraulic fluid Tighten or replace fittings and hoses                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                   | Faulty relief valve                                        | Check pressure in line. Line pressure should be at least 2500 PSI                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                   | Kinked or blocked<br>Faulty cylinder                       | Clean or replace lines Inspect, repair or replace cylinder                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Oil temperature rises above 200°F | Low oil level<br>Kinked/ blocked hoses<br>Worn pump/ motor | Bring oil to proper level<br>Inspect, repair or replace<br>Disable and repair                                                                                                                                                                                                                                                                                                                                                                                               |
| Mower will not start or run       | Blown fuse  Ball valves closed  Low oil level  Line leak   | Check fuse between mower switch and ignition/replace Make sure valves are open Check hydraulic tank and fill Check all fittings and lines, re-tighten or replace                                                                                                                                                                                                                                                                                                            |
|                                   | Electronic solenoid faulty                                 | Without the tractor running, turn the mower switch to on. A low audible click should be heard if the solenoid is engaging the solenoid spool. If click is not heard, leave switch in ON position and with a screwdriver or other steel object, touch the small nut on the end of the solenoid. If the metallic object is not attracted to the nut, check the fuse and wiring for an open circuit. If the object is attracted but no "click" is heard, replace the solenoid. |
| TRIPLE FLAIL                      | Maintenance Section 4-6                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

|                                   |                                                       | Remove the four bolts holding the small block to the main block. Lift and remove small block being careful not to damage O rings/ filter. Clean filter and re-install.                                           |  |  |  |  |  |
|-----------------------------------|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|
|                                   |                                                       | Remove large nut on side of large valve block. Remove spring, and use needle nose vise grip to pull spool from block. Check block and spool for contaminants and scratches. Clean parts or replace if scratched. |  |  |  |  |  |
| Motor runs but will not cut.      | Belts                                                 | Inspect belts and pulleys. Replace belts and repair as needed.                                                                                                                                                   |  |  |  |  |  |
|                                   | Tensioner                                             | Adjust tensioner nut until flatwasher is flush with top of guide.                                                                                                                                                |  |  |  |  |  |
| Mower turns slowly or not at all. | Contaminants restricting spool movement in valve body | Remove large nut on side of large valve block. Remove spring, and use needle nose vise grip to pull spool from block. Check block and spool for contaminants and scratches. Clean parts or replace if scratched. |  |  |  |  |  |
|                                   | Suction lines obstructed                              | Check for kinks or obstruction in suction hose.                                                                                                                                                                  |  |  |  |  |  |
|                                   | Low oil level                                         | Check Hydraulic tank level and fill.                                                                                                                                                                             |  |  |  |  |  |
| Pump will not work                | Excessive wear on internal parts.                     | Disassemble and repair.                                                                                                                                                                                          |  |  |  |  |  |
|                                   |                                                       |                                                                                                                                                                                                                  |  |  |  |  |  |

**NOTE:** If flow meter is available, check pressure and flow volume for all suspected hydraulic problems.

If the solution to your problem cannot be found in this section, call the Technical Service representative at the number shown on the front cover of this manual.

TRIPLE FLAIL

#### **TORQUE SPECIFICATIONS**

| Torque for Standard Fasteners |                        |           |             |           |                   |            |            |            |             |            |                   |            |            |  |
|-------------------------------|------------------------|-----------|-------------|-----------|-------------------|------------|------------|------------|-------------|------------|-------------------|------------|------------|--|
| Nominal<br>Dia.               | ominal threads Grade 2 |           | Grade 5     |           |                   |            |            | Grade 8    | Grade 9     |            |                   |            |            |  |
| Dia.                          | per<br>inch            | Tig       | htening Tor | que       | Tightening Torque |            |            | Tig        | htening Tor | que        | Tightening Torque |            |            |  |
|                               | IIICII                 | Lubed     | Dry Plated  | Dry plain | Lubed             | Dry Plated | Dry plain  | Lubed      | Dry Plated  | Dry plain  | Lubed             | Dry Plated | Dry plain  |  |
| (in.)                         |                        | K = 0.15  | K = 0.17    | K = 0.20  | K = 0.15          | K = 0.17   | K = 0.20   | K = 0.15   | K = 0.17    | K = 0.20   | K = 0.15          | K = 0.17   | K = 0.20   |  |
| Unified Coarse Thread Series  |                        |           |             |           |                   |            |            |            |             |            |                   |            |            |  |
| 1/4                           | 20                     | 49 in-lbs | 59 in-lbs   | 66 in-lbs | 76 in-lbs         | 86 in-lbs  | 101 in-lbs | 107 in-lbs | 122 in-lbs  | 143 in-lbs | 126 in-lbs        | 143 in-lbs | 168 in-lbs |  |
| 5/16                          | 18                     | 101       | 122         | 135       | 157               | 178        | 209        | 221        | 251         | 295        | 259               | 294        | 346        |  |
| 3/8                           | 16                     | 15 ft-lbs | 18 ft-lbs   | 20 ft-lbs | 23 ft-lbs         | 26 ft-lbs  | 31 ft-lbs  | 33 ft-lbs  | 37 ft-lbs   | 44 ft-lbs  | 38 ft-lbs         | 43 ft-lbs  | 51 ft-lbs  |  |
| 7/16                          | 14                     | 24        | 29          | 32        | 37                | 42         | 49         | 52         | 59          | 70         | 61                | 70         | 82         |  |
| 1/2                           | 13                     | 37        | 44          | 49        | 57                | 64         | 75         | 80         | 90          | 106        | 94                | 106        | 125        |  |
| 9/16                          | 12                     | 53        | 63          | 70        | 82                | 92         | 109        | 115        | 130         | 154        | 135               | 153        | 180        |  |
| 5/8                           | 11                     | 73        | 87          | 97        | 113               | 128        | 150        | 159        | 180         | 212        | 186               | 211        | 248        |  |
| 3/4                           | 10                     | 129       | 155         | 172       | 200               | 227        | 267        | 282        | 320         | 376        | 331               | 375        | 441        |  |
| 7/8                           | 9                      | 125       | 150         | 167       | 322               | 365        | 429        | 455        | 515         | 606        | 533               | 604        | 710        |  |
| 1                             | 8                      | 187       | 225         | 250       | 483               | 547        | 644        | 681        | 772         | 909        | 799               | 905        | 1065       |  |
| 1 1/8                         | 7                      | 266       | 319         | 354       | 596               | 675        | 794        | 966        | 1095        | 1288       | 1132              | 1283       | 1510       |  |
| 1 1/4                         | 7                      | 375       | 450         | 500       | 840               | 952        | 1121       | 1363       | 1545        | 1817       | 1597              | 1810       | 2130       |  |
| 1 1/2                         | 6                      | 652       | 783         | 869       | 1462              | 1657       | 1950       | 2371       | 2688        | 3162       | 2779              | 3150       | 3706       |  |
|                               |                        |           |             |           |                   |            | nread Se   |            |             |            |                   |            |            |  |
| 1/4                           | 28                     | 56 in-lbs |             |           | 87 in-lbs         |            |            | 123 in-lbs |             |            |                   | 163 in-lbs |            |  |
| 5/16                          | 24                     | 112       | 135         | 150       | 174               | 197        | 231        | 245        | 278         | 327        | 287               | 325        | 383        |  |
| 3/8                           | 24                     | 17 ft-lbs | 20 ft-lbs   | 23 ft-lbs |                   | 30 ft-lbs  | 35 ft-lbs  | 37 ft-lbs  | 42 ft-lbs   | 49 ft-lbs  | 43 ft-lbs         | 49 ft-lbs  | 58 ft-lbs  |  |
| 7/16                          | 20                     | 27        | 32          | 36        | 41                | 47         | 55         | 58         | 66          | 78         | 68                | 78         | 91         |  |
| 1/2                           | 20                     | 41        | 49          | 55        | 64                | 72         | 85         | 90         | 102         | 120        | 105               | 120        | 141        |  |
| 9/16                          | 18                     | 59        | 71          | 78        | 91                | 103        | 121        | 128        | 146         | 171        | 151               | 171        | 201        |  |
| 5/8                           | 18                     | 82        | 99          | 110       | 127               | 144        | 170        | 180        | 204         | 240        | 211               | 239        | 281        |  |
| 3/4                           | 16                     | 144       | 173         | 192       | 223               | 253        | 297        | 315        | 357         | 420        | 369               | 418        | 492        |  |
| 7/8                           | 14                     | 138       | 165         | 184       | 355               | 403        | 474        | 502        | 568         | 669        | 588               | 666        | 784        |  |
| 1                             | 14                     | 210       | 252         | 280       | 542               | 614        | 722        | 765        | 867         | 1020       | 896               | 1016       | 1195       |  |
| 1 1/8                         | 12                     | 298       | 357         | 397       | 668               | 757        | 890        | 1083       | 1227        | 1444       | 1269              | 1439       | 1693       |  |
| 1 1/4                         | 12                     | 415       | 498         | 553       | 930               | 1055       | 1241       | 1509       | 1710        | 2012       | 1768              | 2004       | 2358       |  |
| 1 1/2                         | 12                     | 734       | 880         | 978       | 1645              | 1865       | 2194       | 2668       | 3024        | 3557       | 3127              | 3544       | 4169       |  |

Torque values for 1/4 and 5/16-in series are in inch-pounds. All other torque values are in foot-pounds. K = 0.15 for "lubricated" conditions Torque values calculated from formula T=KDF, where

- K = 0.17 for zinc plated and dry conditions K = 0.20 for plain and dry conditions
- D = Nominal Diameter F = Clamp Load

|                                                                                                         |       |           |            | V-1 V110  |          | lations     | p .0.     |          |            |                      |          |           |
|---------------------------------------------------------------------------------------------------------|-------|-----------|------------|-----------|----------|-------------|-----------|----------|------------|----------------------|----------|-----------|
|                                                                                                         |       | Class 4.6 |            |           |          | Class 8.8   |           |          | Class 10.9 | Class 12.9           |          |           |
|                                                                                                         |       |           |            |           | Ι,       | 8.8         | N         | ,        | 10.9       | 12.9                 |          |           |
|                                                                                                         |       | \         |            | y         |          |             | /         | '        |            |                      |          |           |
| Nominal                                                                                                 | Pitch | Tial      | htening To | raue      | Tia      | htening Tor | aue       | Tiq      | htening To | Tightening Torque    |          |           |
|                                                                                                         |       | Lubed     | Dry Plated | Dry plain | Lubed    | Dry Plated  | Dry plain |          |            | Ory Plated Dry plain |          | Dry plair |
| Dia.                                                                                                    |       | K = 0.15  | K = 0.17   | K = 0.20  | K = 0.15 | K = 0.17    | K = 0.20  | K = 0.15 | K = 0.17   | K = 0.20             | K = 0.15 | K = 0.20  |
| (mm)                                                                                                    |       | (ft-lbs)  | (ft-lbs)   | (ft-lbs)  | (ft-lbs) | (ft-lbs)    | (ft-lbs)  | (ft-lbs) | (ft-lbs)   | (ft-lbs)             | (ft-lbs) | (ft-lbs)  |
| 3                                                                                                       | 0.5   | 0.28      | 0.32       | 0.38      | 0.73     | 0.82        | 0.97      | 1.0      | 1.2        | 1.4                  | 1.2      | 1.6       |
| 3.5                                                                                                     | 0.6   | 0.44      | 0.50       | 0.59      | 1.1      | 1.3         | 1.5       | 1.6      | 1.9        | 2.2                  | 1.9      | 2.5       |
| 4                                                                                                       | 0.7   | 0.66      | 0.74       | 0.87      | 1.7      | 1.9         | 2.3       | 2.4      | 2.7        | 3.2                  | 2.8      | 3.8       |
| 5                                                                                                       | 8.0   | 1.3       | 1.5        | 1.8       | 3.4      | 3.9         | 4.5       | 4.9      | 5.5        | 6.5                  | 5.7      | 7.6       |
| 6                                                                                                       | 1     | 2.3       | 2.6        | 3.0       | 5.8      | 6.6         | 7.7       | 8.3      | 9.4        | 11                   | 9.7      | 13        |
| 6                                                                                                       | 1.25  | 2.1       | 2.3        | 2.7       | 5.3      | 6.0         | 7.0       | 7.6      | 8.6        | 10                   | 8.8      | 12        |
| 7                                                                                                       | 1     | 3.8       | 4.3        | 5.0       | 9.7      | 11          | 13        | 14       | 16         | 19                   | 16       | 22        |
| 8                                                                                                       | 1     | 5.9       | 6.6        | 7.8       | 15       | 17          | 20        | 22       | 24         | 29                   | 25       | 34        |
| 8                                                                                                       | 1.25  | 5.5       | 6.2        | 7.3       | 14       | 16          | 19        | 20       | 23         | 27                   | 24       | 31        |
| 10                                                                                                      | 1.25  | 11        | 13         | 15        | 29       | 33          | 39        | 42       | 48         | 56                   | 49       | 66        |
| 10                                                                                                      | 1.5   | 11        | 12         | 14        | 28       | 32          | 37        | 40       | 45         | 53                   | 47       | 62        |
| 12                                                                                                      | 1.25  | 21        | 23         | 28        | 53       | 60          | 71        | 76       | 86         | 101                  | 89       | 119       |
| 12                                                                                                      | 1.5   | 20        | 22         | 26        | 51       | 58          | 68        | 73       | 82         | 97                   | 85       | 113       |
| 12                                                                                                      | 1.75  | 19        | 21         | 25        | 49       | 55          | 65        | 70       | 79         | 93                   | 81       | 108       |
| 14                                                                                                      | 1.25  | 26        | 29         | 34        | 66       | 75          | 89        | 95       | 108        | 127                  | 111      | 148       |
| 14                                                                                                      | 1.5   | 28        | 32         | 37        | 72       | 82          | 96        | 103      | 117        | 138                  | 121      | 161       |
| 14                                                                                                      | 2     | 30        | 34         | 40        | 78       | 88          | 104       | 111      | 126        | 148                  | 130      | 173       |
| 16                                                                                                      | 1.5   | 50        | 57         | 67        | 129      | 146         | 171       | 184      | 208        | 245                  | 215      | 287       |
| 16                                                                                                      | 2     | 47        | 53         | 62        | 121      | 137         | 161       | 173      | 196        | 230                  | 202      | 269       |
| 18                                                                                                      | 1.5   | 73        | 82         | 97        | 187      | 212         | 249       | 268      | 303        | 357                  | 313      | 417       |
| 18                                                                                                      | 2.5   | 65        | 73         | 86        | 167      | 189         | 222       | 239      | 270        | 318                  | 279      | 372       |
| 20                                                                                                      | 1.5   | 101       | 115        | 135       | 270      | 306         | 360       | 374      | 424        | 498                  | 437      | 583       |
| 20                                                                                                      | 2.5   | 91        | 104        | 122       | 236      | 267         | 314       | 337      | 382        | 449                  | 394      | 525       |
| Clamp load calculated as 75% of the proof load for specified bolts K = 0.15 for "lubricated" conditions |       |           |            |           |          |             |           |          |            | D = Nominal Diamete  |          |           |
| All torque values are listed in foot-pounds K = 0.17 for zinc plated, dry conditions                    |       |           |            |           |          |             |           |          |            | F = Clamp            | Load     |           |

TRIPLE FLAIL

# **LUBRICATION RECOMMENDATIONS**

| Description                                                   | Application                             | General Specification                                                         | Recommended<br>Mobil Lubricant             |
|---------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------|--------------------------------------------|
| Tractor Hydraulics                                            | Reservoir                               | JD-20C<br>MF M1135, M1141<br>FNHM2C134D                                       | Mobilfluid 424                             |
| Mower Hydraulics<br>Cold Temperatures (<br>Normal Temperature | •                                       | ISO 46 Anti-Wear-Low Temp<br>JD20C<br>MF M1135, M1141<br>FNH M2C134D (FNH201) | Mobil DTE 15M<br>Mobilfluid 424            |
| Normal Temperature High Operating Tem                         | •                                       | ISO 46 Anti-Wear<br>ISO 100 Anti-Wear                                         | Mobil DTE 25<br>Mobil DTE 18M              |
| Flail Rear Gearbox                                            | Reservoir                               | PAO Synthetic Extreme<br>Pressure Gear Lube                                   | Mobil SHC 75W-90<br>Mobil 1 Synthetic Gear |
| Cutter Shaft & Ground<br>Roller Shaft (Flail)                 | Grease Gun                              | Lithium-Complex<br>Extreme Pressure<br>NLGI-2 - ISO 320                       | Mobilgrease CM-S                           |
| Drive Shaft Coupler<br>(Flail and Rotary)                     | Grease Gun                              | Lithium-Complex<br>Extreme Pressure<br>NLGI2 - ISO 320                        | Mobilgrease CM-S                           |
| Motor to Cuttershaft<br>Spline Connection                     | Fill Female<br>Spline in<br>Cuttershaft |                                                                               | Accrolube with PTFE                        |

TRIPLE FLAIL

## POLYCARBONATE CARE & MAINTENANCE

The propriety UV and Abrasion Resistant surface coating on SHIELDS® SUPERCOATED™ polycarbonate significantly improves performance. Periodic cleaning using proper procedures and compatible cleaners are recommended to prolong service life. Tiger Corp. polycarbonate is SUPERCOATED™ on both sides.

#### CLEANING THE SUPERCOAT™ HARD-COAT

- 1. Wash with a mild solution of soap or detergent and lukewarm water.
- 2. Using a soft cloth or sponge, gently wash the sheet to loosen dirt and grime and rinse well with clean water.
- 3. To prevent water spotting, thoroughly dry with chamois or cellulose sponge.
- 4. Avoid the use of abrasive cleaners, squeegees and/or other cleaning implements that may mar or gouge the coating.

# CLEANING AGENTS WHICH HAVE BEEN FOUND TO BE COMPATIBLE UNDER LABORATORY CONDITIONS:

Aqueous Solutions of Soaps and Detergents

Windex Top Job Joy Mr. Clean Fantastik Formula 409 Sumalight D12 Brucodecid

Organic Solvents

Butyl Cellosolve Kerosene Hexel, F.O. 554 Naphtha (VM&P grade)

Neleco-Placer Turco 5042

Alcohols

Methanol Isopropyl

All residual organic solvents should be removed with a secondary rinse.

#### **GRAFFITI REMOVAL**

Butyl cellosolve (for removal of paints, marking pen inks, lipstick, etc.). The use of masking tape, adhesive tape or link removal tools works well for lifting off old weathered paints.

To remove labels, stickers, etc., the use of kerosene or VM&P naphtha are generally effective. When the solvent will not penetrate sticker material, apply heat (hair dryer) to soften the adhesive and promote removal.

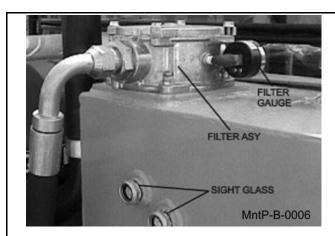
If a material is found to be incompatible in a short-term test, it will usually be found to be incompatible in the field. The converse, however, is not always true. Favorable performance is no guarantee that actual end-use conditions have been duplicated. Therefore, these results should be used as a guide-only, and it is recommended that the user test the products under actual end-use conditions.

TRIPLE FLAIL

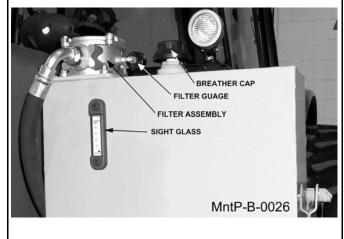
# RECOMMENDED FILLING INSTRUCTIONS FOR HYDRAULIC RESERVOIRS

When filling or checking the oil level, the unit should be parked on a level surface., shut "OFF", and allow sufficient time to cool to ambient temperature. Use caution when removing the pressurized breather. Do not place face over opening when removing breather.

If your reservoir has two sight glasses: The reservoir should be filled to the top of the lower sight glass on the side of the tank. Do not over-fill. The reservoir has been over-filled when oil is visible in the upper sight glass. If tank has too much oil, the excess may be expelled through the pressurized breather.



If your reservoir has one sight glass/temperature gage: The reservoir should be filled to the center of the sight glass on the side of the tank. Do not overfill. If the tank has too much oil, the excess may be expelled through the pressurized breather.



#### REPLACING IN-TANK HYDRAULIC FILTER

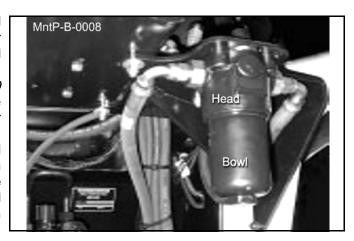
Loosen the four bolts on the top cover of the filter housing. Turn cover counter-clockwise until cover is free. Remove and replace filter. Replace top cover and cover bolts in opposite order as removed.



TRIPLE FLAIL

## REPLACING HIGH PRESSURE HYDRAULIC FILTER ELEMENT

Ensure that the system has been shut down and depressurized. Locate the High Pressure Filter housing. Confirm that the element to be installed matches the element p/n on the filter model tag. *Example: V3.0510-06 (world line 100, HD049 model).* Locate the bottom of the High Pressure Bowl, and using the appropriate spanner wrench or ratchet and turning in a counterclockwise rotation, (looking at the bottom of the bowl) remove the bowl from the head. The first couple rotations will seem tight as the o-ring passes the sealing flats. Once the o-ring has cleared the sealing flats the bowl should spin freely. Taking care not to drop the bowl, finish removing the bowl from the head.



WARNING: Bowl will be full of oil! Pour the oil from the bowl into a container. This oil should be considered contaminated due to the outside-in flow direction through the element. Clean the inside of the bowl if "dirt" is present. Remove the old element from the filter head by pulling with a rotation motion. Dispose of the used element properly. Remove the new element from the packaging. Using your finger, dab and lubricate the o-ring in the top of the new element with oil. Install the new element into and on the mounting boss within the head. Ensure that the element is fully seated on the boss. Clean and inspect the o-ring that is affixed in the bowl and lubricate with oil. Using a clockwise rotation, screw the bowl back into the head, ensuring that the bowl has not been cross-threaded into the head. Continue to tighten the bowl into the head, using the spanner wrench or ratchet. The rotation of the bowl will become tighter once the o-ring engages the sealing flats. Once the bowl has bottomed out, back-off the bowl by 1/6 turn. This ensures that the o-ring is seated properly with in the sealing flats. Element change out and re-assembly is now complete. Start the machine and inspect the filter area checking that there is no oil leaking from the filter assembly. Replace the element first at 50 hours of operation, then yearly (500 hours) or when indicated by restriction indicator.

TRIPLE FLAIL

# **Direct Drive Side Flail**

# **Greasing Motor Spline to Cuttershaft Spline Connection**

- 1. Remove motor from bearing housing and clean old grease from splines on motor shaft and splines on cuttershaft.
- 2. Fill female splined bore in cuttershaft with new grease, Accrolube with PTFE (part # 06520310).
- 3. Remove plug from bearing housing as shown.
- 4. Re-install motor and torque bolts per torque chart.
- 5. Clean plug, apply Loctite 242 and re-install.

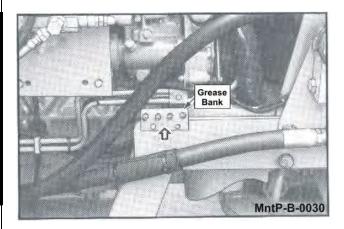
Change grease yearly or every 500 hours.

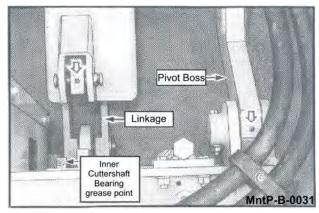


TRIPLE FLAIL

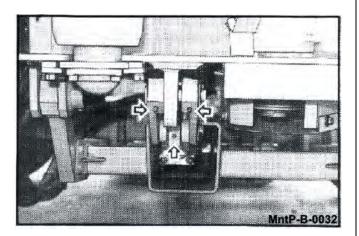
## **GREASING INNER AND OUTER DRAFT BEAM PIVOT POINTS**

Locate the grease zerks on the inner and outer draft beam pivot bosses. Inject Lithium-Complex Extreme Pressure grease conforming to NLGI2-ISO 320 specifications into each zerk until grease protrudes from joints. Grease all pivot points daily or every 8 hours of service.





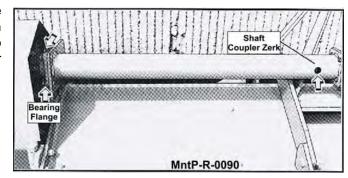
With the cutter head lowered, locate the grease zerks on the linkage and pivot bosses. Inject Lithium-Complex Extreme Pressure grease conforming to NLG12-ISO 320 specifications until it protrudes from the ends. With the cutter head in this position, it is also possible to grease the draft beam cylinder anchors and pins. Now, raise the cutter head to expose the remaining zerks on the deck tilt linkages and on the other end of the cylinder.



TRIPLE FLAIL

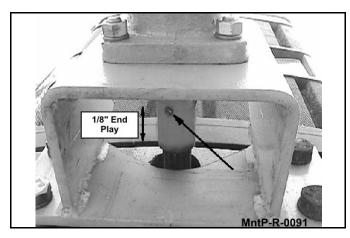
# GREASING THE REAR DRIVE BEARING AND EXTENSION COUPLER SHAFT

Locate the grease zerks for the rear flail drive extension shaft. Make sure the zerks are clean before injecting grease. One pump of grease into flange zerk and shaft coupler once every day or for every 8 hours of service.



## **GREASING PUMP DRIVE SHAFT COUPLER**

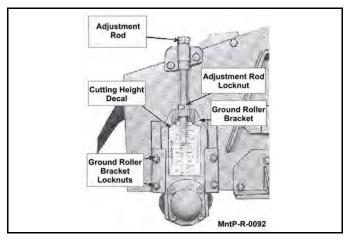
With engine stopped, ensure drive shaft alignment by grasping coupler and sliding back and forth. Coupler should slice freely with approximately 1/8" of end play. If coupler does not slide freely, inspect for loose pump mount bolts, or damaged or loose crank shaft adapter. Inject-Lithium Complex Extreme Pressure grease conforming to NLGI2-ISO 320 specifications into coupler until grease begins to protrude from ends. Grease daily or every 8 hours. Do not over grease.



TRIPLE FLAIL

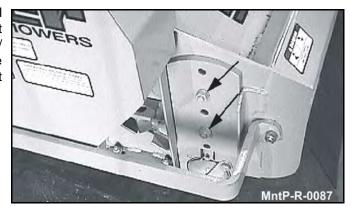
## **ADJUSTING THE CUTTING HEIGHT**

Loosen the four ground roller bracket locknuts. Loosen the adjustment rod locknut and turn the adjustment rod to adjust the cutting height. The cutting height is indicated by the end of the adjustment rod on the cutting height decal. When cutting height has been achieved, tighten the ground roller bracket locknuts and the adjustment rod locknut securely. Be sure both sides of the flail are adjusted the same.



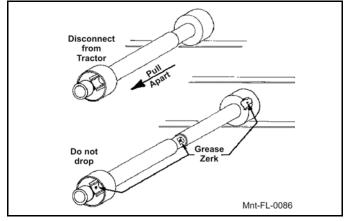
## ADJUSTING STANDARD DUTY CUT HEIGHT

To adjust the cutting height of the standard duty flail head the two nuts on the roller shaft brackets must be taken off and moved to the desired location/height. Be sure that both sides of the shaft are adjusted to corresponding holes so the shaft remains level.



#### **GREASING PTO SHAFTS**

After bringing the tractor to a complete stop, shut off the engine and remove he PTO shaft from the tractor. Slide the shaft apart to expose the grease zerk. Grease the shaft with 5 pumps of grease and the U-joints until grease protrudes from caps per the scheduled interval in the maintenance section.



TRIPLE FLAIL

## **BALL VALVES**

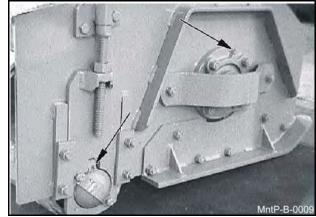
The ball valve at the hydraulic reservoir may need to be closed during certain maintenance or repair procedures. THE BALL VALVE MUST BE OPEN (handle parallel with valve) WHEN TRACTOR IS RE-STARTED OR PUMP IS COUPLED TO MOTOR OR P.T.O.! Failure to do so will result in component failure!

BALL VALVE



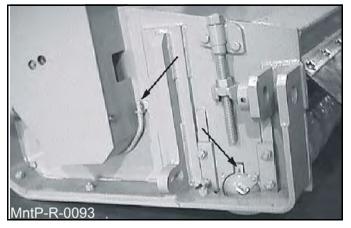
## **GREASING CUTTER SHAFT-FLAIL MOWERS**

Locate grease zerks on each end of cutter shaft(s). These are located on the bearing cover. Normal conditions require one or two pumps in each bearing, using Lithium-Complex Extreme Pressure grease conforming to NLGI2-ISO 320 specifications. This is to be done with a standard grease gun daily or at 8 hour intervals. CAUTION: Over greasing may cause premature seal failure.



#### GREASING GROUND ROLLER SHAFT-FLAIL

Locate grease zerks on each end of roller tube at lower rear of head. Normal conditions require one or two pumps in each bearing, using Lithium-Complex Extreme Pressure grease conforming to NLGI2-ISO 320 specifications. This is to be done with a standard grease gun daily or at 8 hours intervals. CAUTION: Over greasing may cause premature seal failure.



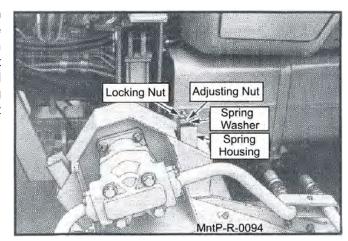
TRIPLE FLAIL

## **GREASING THE IDLER TENSION ARMS**

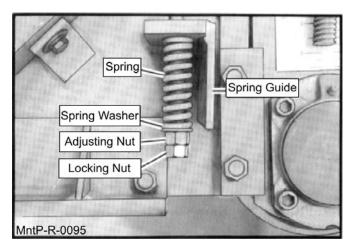
Locate the access holes and grease zerks in the belt shields of the side and rear flails. Normal conditions require one pump daily or every 8 hours of service with multi purpose grease.

## **IDLER TENSION**

Locate the idler tensioning rod for each flail. Loosen the locking nut. Turn the adjusting nut until the washer between the spring and nuts are flush with the spring housing or guide. Tighten locking nut securely. For standard cut on side flail adjust until the spring washer is flush with the top of the spring housing. Use the same method to adjust hydraulically driven rear flails. **MntP-R-0094** 



For standard cut on the mechanically driven rear flail mower, adjust so that the spring washer is flush with the spring guide. **MntP-R-0095** 

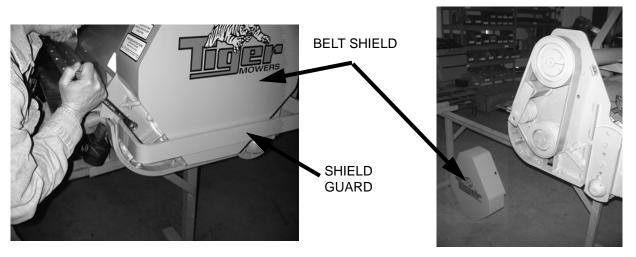


TRIPLE FLAIL

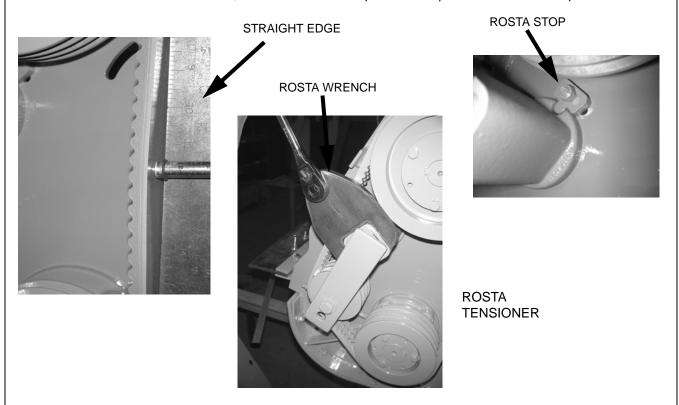
## **ROSTA TENSIONER**

#### STANDARD DUTY REAR FLAILS

Remove the shield guard over the belt shield. Next, remove the belt shield that covers the tensioner, belt and sheaves.



Place a straight edge over both sheaves and measure the belt tension (See TENSIONER MEASUREMENT PROCEDURE). To adjust the Rosta Tensioner, first, loosen the Rosta Stop and Rosta Bolt that secures the Rosta to the flail. Next use the Wrench (P/N 06401023 available) to adjust the tension of the belt. After the tension has been set, secure the Rosta Stop and re-torque the Rosta Bolt to specs.



Maintenance Section 4-19

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TRIPLE FLAIL

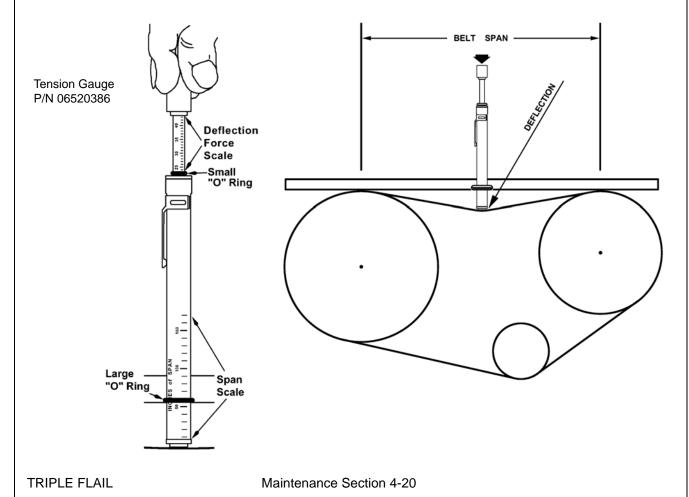
## TENSIONER MEASUREMENT PROCEDURE

- 1. Measure the Belt Span (SEE SKETCH).
- 2. Position the bottom of the Large "O" Ring on the Span Scale at the measured Belt Span.
- 3. Set the Small "O" Ring on the Deflection Force Scale to Zero.
- 4. Place the tension gauge squarely on the belt at the center of the belt span. Apply a force on the plunger perpendicular to the belt span until the bottom of the Large "O" Ring is even with the bottom of a straight edge laid across the sheaves.
- 5. Remove the tension gauge and read the force applied from the bottom of the Small "O" Ring on the Deflection Force Scale.
- 6. Compare the force denoted by the Small "O" Ring with the values shown. The force should be between the values given for either a New Belt or Used Belt.
- 7. Make sure to use the force values in pounds if the span is measured in inches. Use kilograms of force if the span is measured in centimeters.

NOTE: The ratio of the deflection to belt span is 1/64 in either units of measurements.

**Deflection Force Values - Standard Duty** 

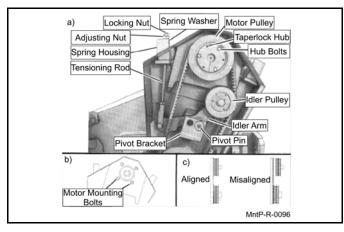
New Belt: 20 to 25 pounds Used Belt: 12 to 20 pounds



## REVERSING MOWER ROTATION OF SIDE AND REAR FLAIL MOWERS

To reverse the rotation of the side and hydraulically driven rear flail, a different idler arm is needed only for side flail. Part No. TF4346 is used in standard rotation. Part No. TF4345 is used in reverse rotation.

Before attempting this procedure, be sure all dirt is cleaned away from the motor and around all hose connections. This will prevent the oil from becoming contaminated.



- 1. Start by removing the belt shield from the flail mower.
- 2. Remove the locking and adjusting nut, spring washer and spring from the idler tensioning rod.
- 3. Disconnect the tensioning rod from the idler arm.
- 4. Remove the idler arm with the pulley attached.
- 5. Remove the idler pulley from the idler arm and reinstall in the short end of the new idler arm.

Reinstall the idler arm and pivot pin. The pivot pin is installed into the hole in the pivot bracket closest to the idler pulley. When assembling for **standard** cut rotation, the idler arm is installed with the idler pulley toward the front of the mower with the pivot pin in the front hole. When assembling for **reverse** rotation, with smooth cut knives, the idler arm is installed with the pulley toward the rear of the mower with the pivot pin in the rear hole.

Now disconnect the hoses and fittings from the motor and remove the taper-lock hub and pulley from the motor by removing the three hub bolts from the existing positions and inserting simultaneously into the threaded holes. Remove the four bolts holding the motor. Rotate the motor 180° so the hump is opposite the prior position. Reinstall the motor bolts and torque to 75 ft. lbs. Reconnect the hoses and fittings to the motor in the same configuration as before, i.e. the hose that was connected to the front port on the motor should now be connected to the port that is now facing the front.

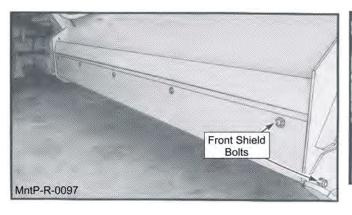
Reinstall the taper-lock hub and pulley on the motor by installing the hub bolts in the original holes and tightening until the hub just contacts the pulley. Then, position the pulley on the motor shaft approximately 3/16" beyond the idler pulley and tighten and torque the hub bolts to 18 ft./lbs. Be sure the pulleys are vertically aligned when tight (see **Figure MntP-R-0096**), loosen and readjust if needed.

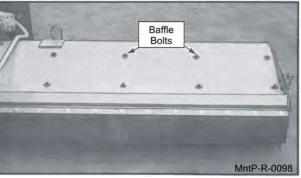
Reinstall the belts and idler tensioning rod. Tighten and lock the tensioning rod as shown previously in the maintenance section. Reinstall the belt shield.

With the motor rotation changed, now all of the knives on the cutter shaft must be changed as required. The cutter shaft rotates in the same direction as the tractor tires when going forward for standard cut knives. The shaft rotates opposite to standard rotation for smooth cut knives. Smooth cut knives should be installed so the cutting edge is forward.

TRIPLE FLAIL

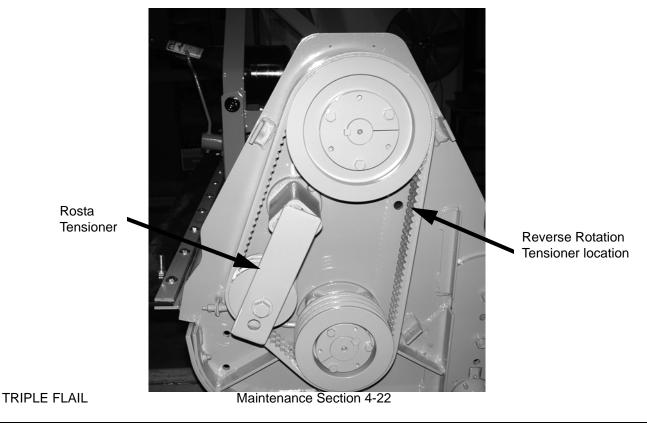
When operating in standard rotation, the front shield must be removed and the baffle installed. When operating in reverse rotation, remove the baffle and install the front shield. Finally, reposition the wear pads on the hoses and replace the zip ties as needed to prevent the hydraulic hoses from rubbing or chafing.





#### REVERSING MOWER ROTATION OF SD REAR FLAIL MOWERS

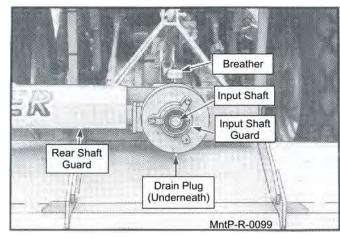
Remove the shield guard and belt shield. Next, remove the Rosta stop and loosen the Rosta Tensioner (**CAUTION**: the Rosta Tensioner is under belt pressure. Sudden release of this pressure may cause serious injury). Remove the Rosta Tensioner and relocate to the Reverse Rotation Tensioner location. Using the Rosta wrench, tension the belt, then tighten the Rosta bolt. Check the tension and adjust as needed. When the correct tension is achieved, install the Rosta stop and torque the bolts appropriately.



# REVERSING MOWER ROTATION REAR MECHANICAL DRIVEN FLAIL MOWERS

Remove the rear shaft guard and disconnect the chain coupling to the shaft. Disconnect the P.T.O. drive shaft from the right angle gear box. Remove the gear box from the flail frame and lay down flat so that gear oil does not leak not.

Switch the top breather vent plug with the drain plug on the bottom. Remove the input shaft guard. The input shaft must be pressed through or turned around so the rear extension is equal to what the original front dimension was. Turn the gear box 180° and install on the flail frame so the frame so the chain coupling sprockets are side be side and the breather vent plug is on the top of the case.



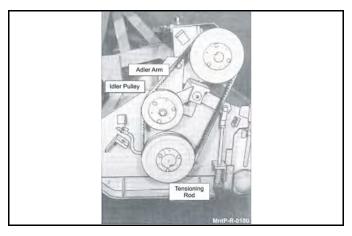
The sprocket must be aligned and spaced approximately 3/8" apart. When changing from standard cut to smooth cut rotation, a spacer plate may have to be installed between the gear box and the frame. When changing from smooth cut to standard cut rotation the spacer plate is to be omitted. Install the chain for the chain coupling. If there is any binding, or not free movement in the chain, the bearing next to the coupler may be shimmed as required to eliminate the chain binding.

Change all the knives on the cutter shaft as required. The cutter shaft rotates in the same direction as the tractor tires when going forward for standard knives. The cutter shaft rotates opposite the tractor tires for smooth cut knives.

Remove the belt shield. Then remove the adjusting nuts, washer and spring from the idler tensioning rod. Remove the clevis rod and small bushing from the idler arm. Remove the idler arm with the pulley attached. Remove the idler pulley from the idler arm and install the pulley on the other end of the idler arm. Reinstall the idler arm in the pivot bracket. For standard cut rotation the pulley is toward the front, for reverse rotation with smooth knives, the idler pulley is toward the rear. Install the small bushing in the idler arm and connect the idler tensioning rod.

Tightening the adjusting nuts for the idler arm tensioner as shown previously in the maintenance section. Install the belt shield, the shaft guard and P.T.O. shaft guards.

When operating the mower in reverse rotation with smooth cut knives, remove the baffle and install the front shield. When operating the mower in standard rotation with standard cut knives, remove the front shield and install the baffle.



TRIPLE FLAIL

#### Flail Blades Inspection

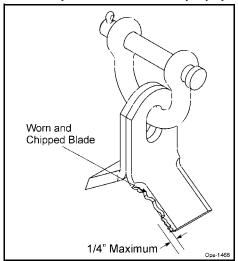
A DANGER

Inspect the Blades daily for abnormal wear. REPLACE ALL BLADES on the carrier IMMEDIATELY if any blades have:

- · Become bent or deformed from its original shape, or
- Wear inside the blade bolt hole, or
- · Any cracks are visible, or
- Deep gouges in the blade's surface are present, or
- Gouges or chipped areas in the cutting edge are larger than 1/4"(8mm), or
- The material on the leading edge has been worn away by more than 1/4"(8mm)

DO NOT straighten, sharpen, weld or hard-face blades

Failure to replace worn or damaged blades may lead to catastrophic failure of the blades and ejection of the broken part with tremendous force which may cause serious bodily injury or death.



Always replace blades in sets

- Blades that are damaged may indicate severe service or abuse. If one blade is worn or damaged other blades on the same shaft will have been subjected to the same severe service or abuse.
- The Flail rotor turns at speeds exceeding 2000 RPM and is dynamically balanced at the factory. Differences in blade weight between used blades with loss of material from gouges or wear as compared to new blades can cause severe vibration and damage to the Flail rotor. Always replace blades as complete sets.

**Important** 

Use only genuine Alamo Industrial replacement blades and fasteners. Other blades and fasteners may not meet the Alamo Industrial requirements and could fail during operation resulting in part being thrown out from under the mower.



Never attempt to sharpen blades. *ops-u-0044* 

TRIPLE FLAIL

## **Blade Pins and D-Ring Inspection**

Inspect Blade Pins and D-Rings daily for wear or damage as follows:

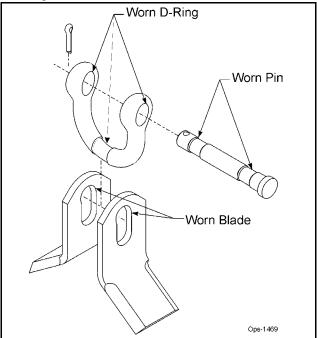
**A** DANGER

Inspect the Blade pins and D-Rings daily for abnormal wear. Make sure the cotter pins are in place and properly spread. REPLACE BLADE Pins and D-Rings IMMEDIATELY if they have:

- Visible cracks or
- If a Pin or D-Ring has visible worn areas, or
- If a Pin or D-Ring has gouges or chipped areas

Failure to replace abnormally worn pins or D-Rings may lead to catastrophic failure and ejection of the broken part, which may cause serious bodily injury or death.

Always replace the pins and D-Rings whenever excessive wear is noticed.



**Important** 

If the cotter pins are broken by contact with other flail blades, remove the pin and reverse the direction the pin is inserted through the D-Ring so that the cotter pin is on the opposite side of the D-Ring. This will prevent the next set of blades from swinging back and hitting the cotter pin. *OPS-U-0045* 

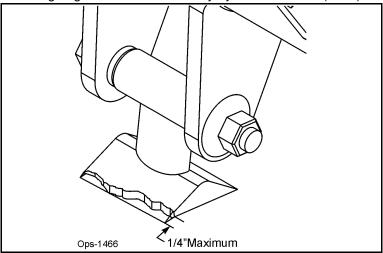
TRIPLE FLAIL

## Flail Axe Blades Inspection

A DANGER

Inspect the Blades daily for abnormal wear. REPLACE ALL BLADES on the carrier IMMEDIATELY if any blades have:

- · Become bent or deformed from its original shape, or
- · Oval shape wear inside the blade bolt hole, or
- · Any cracks are visible, or
- Deep gouges in the blade's surface are present, or
- Gouges or chipped areas in the cutting edge are larger than 1/4"(8mm), or
- The material on the leading edge has been worn away by more than 1/4"(8mm)



Failure to replace worn or damaged blades may lead to catastrophic failure of the blades and ejection of the broken part with tremendous force which may cause serious bodily injury or death.

Always replace blades in sets

- Blades that are damaged may indicate severe service or abuse. If one blade is worn or damaged other blades on the same shaft will have been subjected to the same severe service or abuse.
- The Flail Axe rotor turns at speeds exceeding 2000 RPM and is dynamically balanced at the factory.
  Differences in blade weight between used blades with loss of material from gouges or wear, as compared
  to new blades, can cause severe vibration and damage to the Flail Axe rotor. Always replace blades as
  complete sets.

**Important** 

Use only genuine Alamo Industrial replacement blades, blade bolts and fasteners. Other blades and bolts may not meet the requirements of Alamo Industrial and may fail during operation, resulting in the part failing and being thrown out from under the mower.



Never attempt to sharpen blades. *ops-u-0042* 

TRIPLE FLAIL

## Flail Axe Blade Bolt Inspection

Inspect Blade Bolts daily for wear or damage as follows:

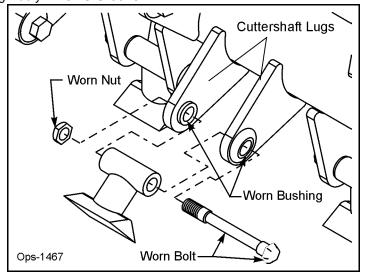
**A** DANGER

Inspect the Blade Bolt daily for abnormal wear. REPLACE ALL BLADE BOLTS on the carrier IMMEDIATELY if any bolts have:

- Visible cracks or
- If the blade bolt is worn or any recessed area is visible on the bolt, or
- If Blade Bolt has gouges or chipped areas. or
- If Bushing fits loose in the Rotor Shaft.

Failure to replace abnormally worn bolts or bushings may lead to catastrophic failure of the blades and ejection of the broken part, which may cause serious bodily injury or death.

Always replace Blade Bolts with new bolts and new bushings whenever replacing the Blades. To tighten bolts and nuts, first apply thread lock to nut. Make sure to tighten bolts and nuts just enough to allow the blades to swing freely and not bend the cuttershaft lugs. If cuttershaft lugs are bent together because of over tightening the blades will not swing freely. *OPS-U-0043* 



TRIPLE FLAIL

# STANDARD OR HEAVY DUTY SIDE OR REAR FLAIL KNIFE REPLACEMENT

- 1. If knives are damaged or badly worn, they will need to be replaced as a set. Replacing a single knife can cause severe vibration and possible damage to the mower.
- 2. Assemble knives, clevis, bolts and nuts as shown in parts manual.
- 3. Install locking hex nut so that the flat face of nut is towards the knife.
- 4. Apply Loctite 271 or equivalent to threads.
- 5. Torque nut to 52 FT. LBS. Knife must swing freely.

**AWARNING** 

DO NOT re-use the locking hex nuts for mounting the knives. If hex nut become loose, or require removal for knife replacement or any other reason, they must be discarded and replaced with new nuts.

**AWARNING** 

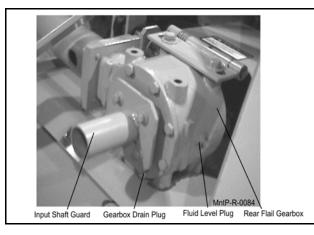
Knives should not be welded on for any reason.

## RECOMMENDED FILLING INSTRUCTIONS FOR REAR FLAIL GEARBOX

When filling or checking the fluid level, the unit should be parked on a level surface with rear flail down on surface, shut "**OFF**", and cold, (at ambient temperature).

Remove the fluid level plug located on the side of the gear box. The gear box should be filled to the bottom of the fluid level hole. If necessary, use 75-90 wt. PAO Synthetic Extreme Pressure Gear Lube to raise level to bottom of the hole.

**Do not over-fill.** Excessive gear oil will run back out of the hole. Reinstall fluid level plug into gearbox. If gearbox has been over-filled, the excess may be expelled through the pressurized breather.



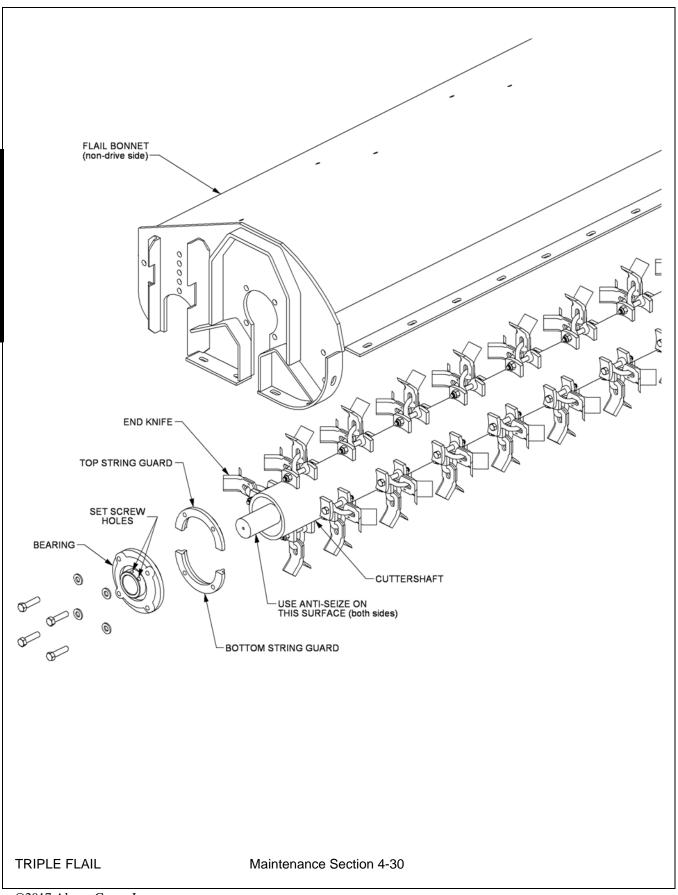
TRIPLE FLAIL

## **CUTTERSHAFT BEARING REPLACEMENT**

- 1. Remove existing cuttershaft, bearings and string guards.
- 2. Make sure that the end knives on each end of the cuttershaft are orientated as shown.
- Apply anti-seize on cuttershaft as shown on next page.
- 4. Install non-drive side bearing first.
- 5. Install the top of the string guard on the non-drive side first. Use Loctite-271 or equivalent and torque (95 ft-lb or 104ft-lb if you use an extension).
- 6. Install the bearing and top string guard on the drive side.
- 7. Center the cuttershaft between the string guards. Use Loctite-271 or equivalent and torque (95ft-lb or 104ft-lb if you use an extension) the top string guard on the drive side.
- 8. Install, use loctite-271 or equivalent, and torque (95ft-lb or 104ft-lb if you use an extension) the bottom string guard on both sides.
- Make sure the cuttershaft is centered. On the non-drive side, tighten one set-screw in the bearing onto the cuttershaft.
- 10. Remove the other set-screw and drill a 5/16" hole into the cuttershaft 3/16" deep through the hole in the bearing. BE CAREFUL NOT TO DAMAGE THE THREADS IN THE BEARING HOLE.
- 11. Replace the set-screw in the bearing, use Loctite-271 or equivalent, and tighten onto the cuttershaft through the new hole.
- 12. Remove the other set-screw and repeat the drilling procedure (Step 10). Replace the set screw as stated in Step 11.
- 13. Repeat steps 9 through 12 on the drive side.
- Grease both bearings properly.

## See illustration on next page

TRIPLE FLAIL



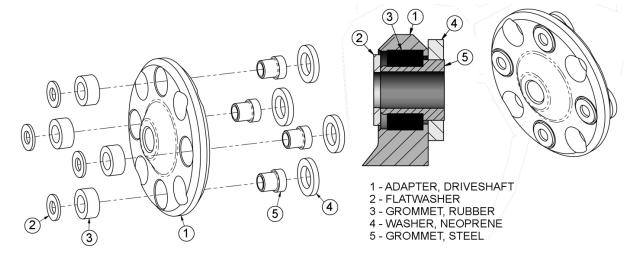
# **MAINTENANCE**

| DAILY MAINTENANCE SCHEDULE                                                                                                                                           |  |  |  |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|
| The following services should be performed <b>daily</b> or every <b>8 hours</b> of service, following the detailed maintenance instructions in the operators manual. |  |  |  |  |  |
| Pump Drive Shaft: Check for end play in driveshaft / coupler and lubricate at zerks.                                                                                 |  |  |  |  |  |
| Crankshaft adapter: If equipped with rubber grommets check condition, replace if missing or damaged.                                                                 |  |  |  |  |  |
| Pivot points: Inject grease until it appears at ends.                                                                                                                |  |  |  |  |  |
| Hydraulic fittings: Check for leaks with paper or cardboard. Tighten fittings or replace hose immediately.                                                           |  |  |  |  |  |
| Knives: Inspect for missing or damaged knives, change (only complete sets) as needed.                                                                                |  |  |  |  |  |
| Belts: Check/Tighten/Replace belts as needed.                                                                                                                        |  |  |  |  |  |
| Main Frame/Deck: Unless otherwise specified retorque bolts according to torque specifications i this section.                                                        |  |  |  |  |  |
| Hydraulic Fluid Level: Add, if required, per fluid recommendations.                                                                                                  |  |  |  |  |  |
| Rear Flail Drive, Bearing Flange and Shaft Couplers (if applicable): Grease as instructed in the detailed maintenance section.                                       |  |  |  |  |  |
| Cutter Shaft and Ground Roller: Grease as instructed in the detailed maintenance section.                                                                            |  |  |  |  |  |
| Service performed by:                                                                                                                                                |  |  |  |  |  |
| Meter:                                                                                                                                                               |  |  |  |  |  |
| Maintenance Section                                                                                                                                                  |  |  |  |  |  |
| **This page may be copied and used as part of the daily maintenance routine.                                                                                         |  |  |  |  |  |
|                                                                                                                                                                      |  |  |  |  |  |
|                                                                                                                                                                      |  |  |  |  |  |
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|                                                                                                                                                                      |  |  |  |  |  |
|                                                                                                                                                                      |  |  |  |  |  |
|                                                                                                                                                                      |  |  |  |  |  |
| TRIPLE FLAIL Maintenance Section 4-31                                                                                                                                |  |  |  |  |  |

# MAINTENANCE OF CRANKSHAFT ADAPTER ASSEMBLY (RIGID ENGINE MOUNT TRACTORS ONLY)

If replacement of components of the crankshaft adapter assembly is required, follow the assembly procedures shown below. Seat rubber grommet completely into counterbore, then seat steel grommet completely into rubber grommet while rubber grommet is supported.

(ASM-JD-0051 CRANKSHAFT ADAPTER MAINTENANCE)



"JD61058 TF **₽**® **PARTS SECTION** 

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#### PARTS ORDERING GUIDE

The following instructions are offered to help eliminate needless delay and error in processing purchase orders for the equipment in this manual.

- The Parts Section is prepared in logical sequence and grouping of parts that belong to the basic machine featured in this manual. Part Numbers and Descriptions are given to help locate the parts and quantities required.
- The Purchase Order must indicate the Name and Address of the person or organization ordering the parts, who should be charged, and if possible, the serial number of the machine for which the parts are being ordered.
- The purchase order must clearly list the quantity of each part, the complete and correct part number, and the basic name of the part.
  - 4. The manufacturer reserves the right to substitute parts where applicable.
- Some parts may be unlisted items which are special production items not normally stocked and are subject to special handling. Request a quotation for such parts before sending a purchase order.
  - 6. The manufacturer reserves the right to change prices without prior notice.

NOTE: When ordering replacement decals, refer to the part numbers and descriptions listed in the safety section in the front of this manual.



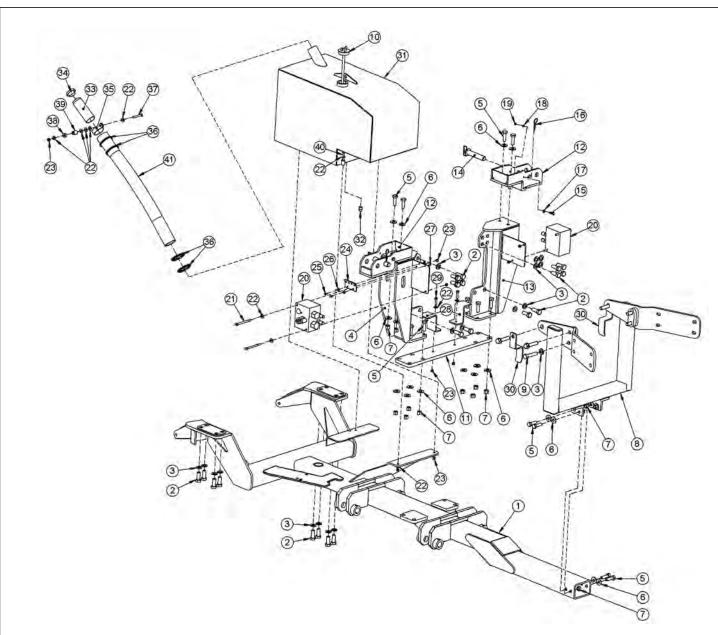
For maximum safety and to guarantee optimum product reliability, always use genuine **Tiger** replacement parts. The use of inferior replacement parts may cause premature or catastrophic failure which could result in serious injury or death.

Direct any questions regarding parts to:

Tiger Corporation 3301 N. Louise Ave. Sioux Falls, SD 57107 1-800-843-6849 1-605-336-7900

JD6105D TRIPLE

## TRACTOR MOUNT KIT



| ITEM | PART NO. | QTY. | DESCRIPTION                   |
|------|----------|------|-------------------------------|
| 1    | 06300243 | 1    | T-FRM,JD6XXXD,T3F             |
| 2    | 31731    | 20   | CAPSCREW,20MM X 50MM,2.5P     |
| 3    | 33880    | 26   | FLATWASHER,3/4",GR8,SAE       |
| 4    | 06300268 | 1    | MAST FRM,RH,JD6XXXD,T3F       |
| 5    | 21784    | 16   | CAPSCREW,5/8" X 2 1/4",NC     |
| 6    | 22020    | 24   | FLATWASHER,5/8"               |
| 7    | 21777    | 16   | NYLOCK NUT,5/8"               |
| 8    | 06300244 | 1    | HNGR FRM,JD6XXXD,T3F          |
| 9    | 30708    | 6    | CAPSCREW,20MM X 90MM,2.5P     |
| 10   |          | -    | JD6105 FUEL TANK SENDING UNIT |
|      |          |      |                               |

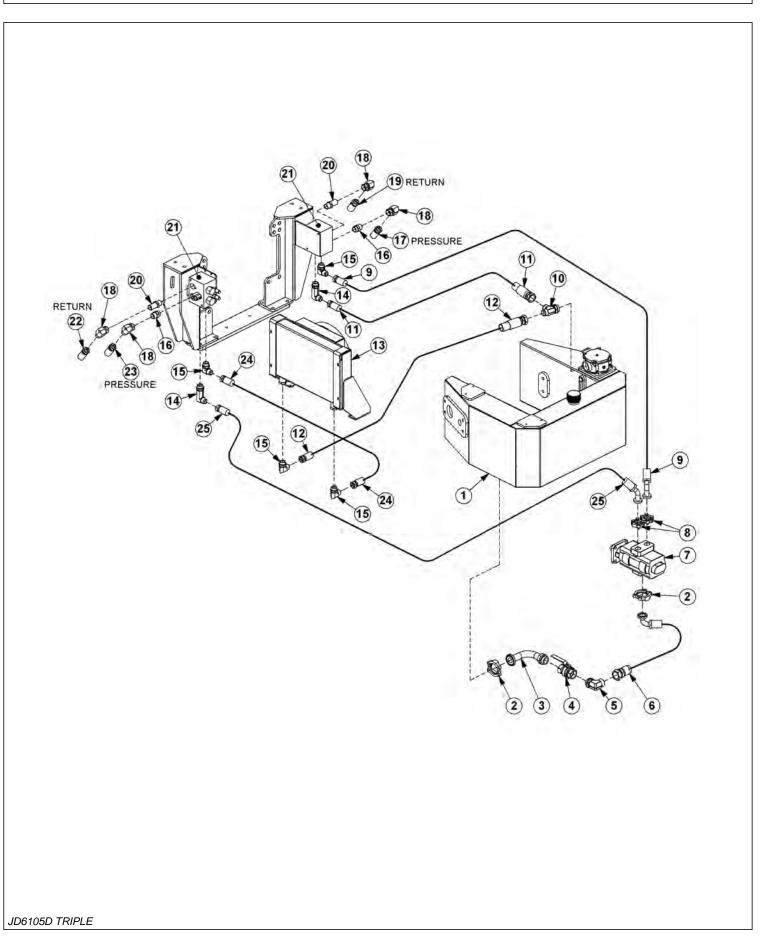
JD6105D TRIPLE

## TRACTOR MOUNT KIT

## Continued...

| ITEM | PART NO. | QTY. | DESCRIPTION                      |
|------|----------|------|----------------------------------|
| 11   | 06402486 | 1    | CROSS,MAST,06300268              |
| 12   | 06370262 | 2    | BRKT,TRVLCK,T3F,JD6105-40D       |
| 13   | 06300269 | 1    | MAST FRM,LH,JD6XXXD,T3F          |
| 14   | TF4250   | 2    | PIN,TRVLCK,(W/CHAIN)             |
| 15   | 21580    | 2    | CAPSCREW,5/16" X 1",NC           |
| 16   | 6T3004   | 2    | R-CLIP,3/16"                     |
| 17   | 22015    | 2    | FLATWASHER,5/16"                 |
| 18   | 21987    | 2    | LOCKWASHER,5/16"                 |
| 19   | 21575    | 2    | HEX NUT,5/16",NC                 |
| 20   | 06510083 | 2    | VALVE,BRAKE,SOL,3000PSI,METRI    |
| 21   | 21644    | 2    | CAPSCREW,3/8" X 5",NC            |
| 22   | 22016    | 15   | FLATWASHER,3/8",GR8              |
| 23   | 21627    | 8    | NYLOCK NUT,3/8",NC               |
| 24   | 22625    | 1    | BRKT,GREASE HOSE                 |
| 25   | 21529    | 2    | CAPSCREW,1/4" X 3/4",NC          |
| 26   | 22014    | 2    | FLATWASHER,1/4"                  |
| 27   | 21527    | 2    | NYLOCK NUT,1/4",NC               |
| 28   | 06410247 | 2    | CLAMP,HOSE,T3F,HANGER            |
| 29   | 21633    | 2    | CAPSCREW,3/8" X 1 3/4",NC,GR8    |
| 30   | 06412074 | 2    | BRKT,HOSE                        |
| 31   | 06370261 | 1    | TANK,FUEL,JD6105-40D             |
| 32   | 6T4201   | 1    | PLUG,PIPE 1/2"                   |
| 33   | 31058A   | 1    | FILLER NECK,TANK,JD6000,FUEL     |
| 34   | 31206    | 1    | CAP,FUEL,LOCKING,JD6000          |
| 35   | 31146A   | 1    | CLAMP, NECK, FILLER, TANK, FUEL, |
| 36   | 31065    | 4    | CLAMP,HOSE,#48                   |
| 37   | 21638    | 1    | CAPSCREW,3/8" X 3", NC           |
| 38   | 27082B   | 1    | SPACER, .88" X .50" X 1.19"      |
| 39   | 27081    | 1    | SPACER,1"OD X 7/16"ID X 3/8"LG   |
| 40   | 21634    | 3    | CAPSCREW,3/8" X 2",NC            |
| 41   | 31064    | 1    | HOSE,SUCTION,2.50"I.D.,BULK, 33" |
|      |          |      |                                  |

## **TRACTOR MOUNT KIT - HYDRAULICS**

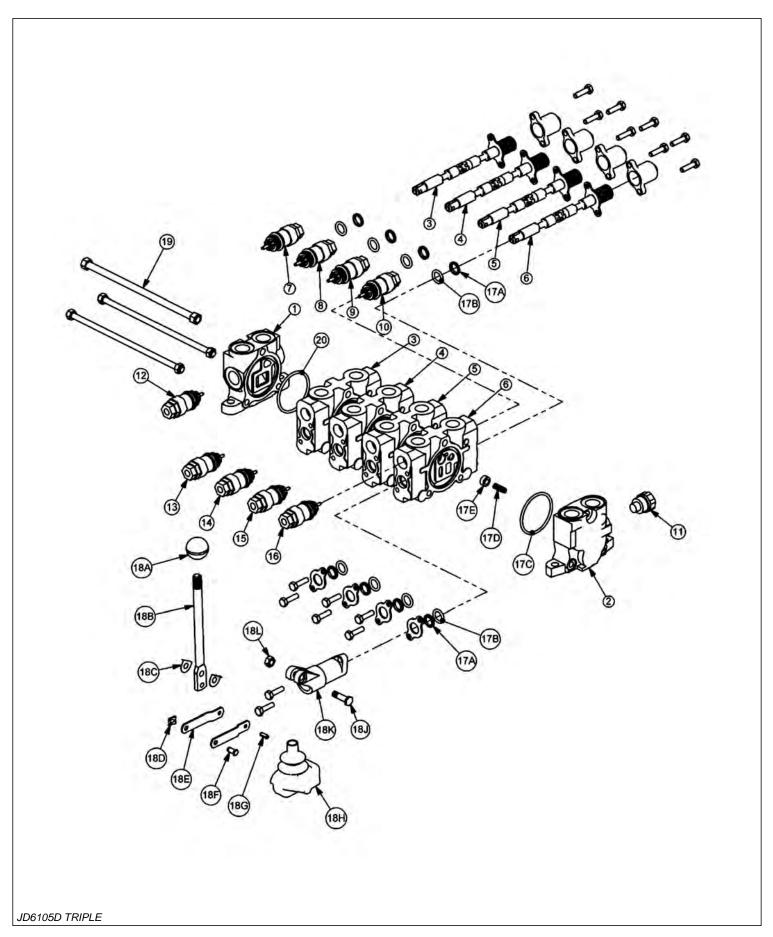


## TRACTOR MOUNT KIT - HYDRAULICS

## Continued...

| ITEM | PART NO. | QTY. | DESCRIPTION                             |
|------|----------|------|-----------------------------------------|
| 1    |          | -    | BUMPER TANK *REFER TO TRACTOR MOUNT KIT |
| 2    | TF4431   | 2    | KIT,FLANGE,#32                          |
| 3    | 34389    | 1    | ELBOW,1-1/2"MOR X 32FLG90°              |
| 4    | 34309    | 1    | 1-1/2" BALL VALVE                       |
| 5    | 34655    | 1    | ELBOW,1-1/2"MOR X 90°                   |
| 6    | 06500119 | 1    | HOSE,1-1/2" X 28"                       |
| 7    | TF4450   | 1    | TANDEM PUMP                             |
| 8    | TF4852   | 2    | KIT,FLANGE,#20                          |
| 9    | 06500613 | 1    | HOSE,1" X 87"                           |
| 10   | 34656    | 1    | TEE,RUN,1-1/4"MOR X 1-1/4"MJ            |
| 11   | 06500765 | 1    | HOSE,1" X 80"                           |
| 12   | 06500260 | 1    | HOSE,1" X 31"                           |
| 13   | 06510350 | 1    | COOLER,FRONT MNT                        |
| 14   | 06503149 | 2    | ELBOW,1"MOR X 1"MJ90°,LONG              |
| 15   | 34117    | 4    | ELBOW,1"MOR X 1"MJ90°                   |
| 16   | 33555    | 2    | ADAPTER,1"MOR X 1"MJ                    |
| 17   | 06500766 | 1    | HOSE,1" X 105"                          |
| 18   | 33259    | 4    | ELBOW,1"MJ X 1"FJX90°                   |
| 19   | 06500550 | 1    | HOSE,1" X 123"                          |
| 20   | 32969    | 2    | ADAPTER,NIPPLE,LONG                     |
| 21   | 06510083 | 2    | BRAKE VALVE                             |
| 22   | 06500276 | 1    | HOSE,1" X 112"                          |
| 23   | 06500767 | 1    | HOSE,1" X 101"                          |
| 24   | 33253    | 1    | HOSE,1" X 92"                           |
| 25   | 06500682 | 1    | HOSE,1" X 89"                           |
|      |          |      |                                         |

# CABLE (MANUAL) LIFT VALVE BREAKDOWN TF4210

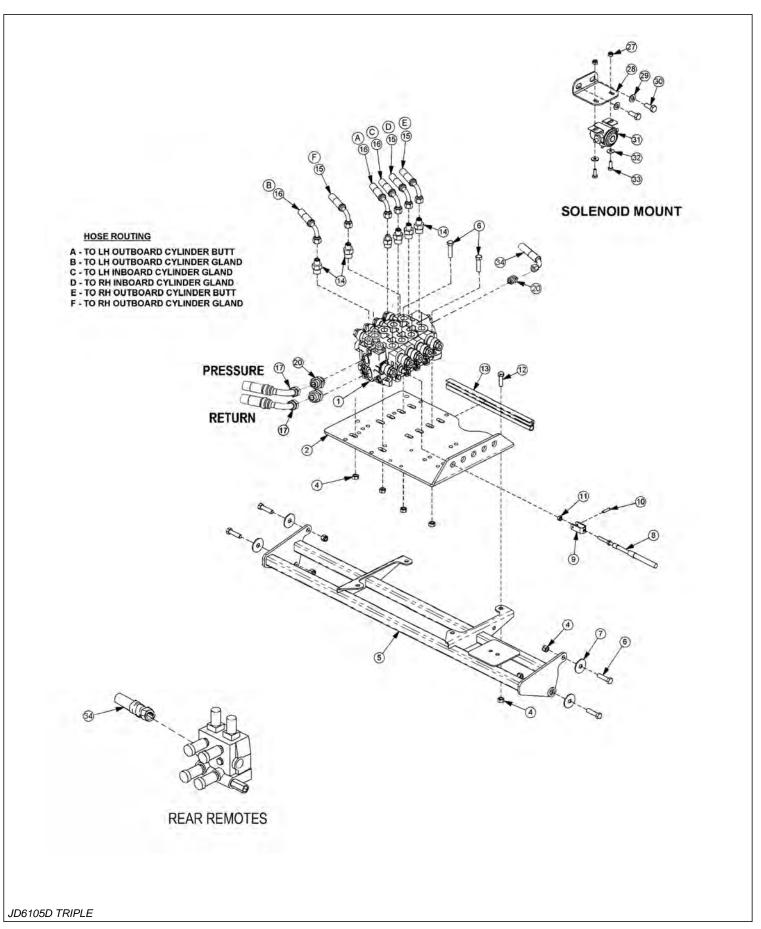


# CABLE (MANUAL) LIFT VALVE BREAKDOWN TF4210

## Continued...

| ITEM | PART NO. | QTY. | DESCRIPTION                                   |
|------|----------|------|-----------------------------------------------|
| 1    | TB1017S  | 1    | INLET END COVER                               |
| 2    | TB1701   | 1    | END COVER, OPEN CENTER                        |
| 3    | TF3009   | 1    | VALVE SECTION (DOUBLE ACTING, DETENT - FLOAT) |
| 4    | TF3009   | 1    | VALVE SECTION (DOUBLE ACTING, DETENT - FLOAT) |
| 5    | TF3009   | 1    | VALVE SECTION (DOUBLE ACTING, DETENT - FLOAT) |
| 6    | TF3009   | 1    | VALVE SECTION (DOUBLE ACTING, DETENT - FLOAT) |
| 7    | 31861    | 1    | RELIEF VALVE, 360 PSI                         |
| 8    | 06503067 | 1    | RELIEF PLUG                                   |
| 9    | 06503067 | 1    | RELIEF PLUG                                   |
| 10   | 31861    | 1    | RELIEF VALVE, 360 PSI                         |
| 11   | TF4213   | 1    | RELIEF VALVE, 2000 PSI                        |
| 12   | 06502037 | 1    | RELIEF VALVE, 2600 PSI                        |
| 13   | 31862    | 1    | RELIEF VALVE, 2175 PSI                        |
| 14   | 31862    | 1    | RELIEF VALVE, 2175 PSI                        |
| 15   | 31862    | 1    | RELIEF VALVE, 2175 PSI                        |
| 16   | TB1017A  | 4    | VALVE SEAL KIT (FOR ONE SECTION)              |
| 16A  |          | 2    | WIPER                                         |
| 16B  |          | 2    | O-RING SMALL                                  |
| 16C  |          | 1    | O-RING LARGE                                  |
| 16D  |          | 1    | SPRING                                        |
| 16E  |          | 1    | PUCKET                                        |
| 17   | TB1017L  | 4    | LEVER KIT (FOR ONE SECTION)                   |
| 17A  |          | 1    | LEVER KNOB                                    |
| 17B  |          | 1    | LEVER                                         |
| 17C  |          | 2    | LEVER WASHER                                  |
| 17D  |          | 1    | LEVER CLIP                                    |
| 17E  |          | 2    | LINKAGE                                       |
| 17F  |          | 1    | LEVER PIN                                     |
| 17G  |          | 1    | ROLL PIN                                      |
| 17H  |          | 1    | LEVER BOOT                                    |
| 17J  |          | 1    | LEVER BOLT                                    |
| 17K  |          | 1    | LEVER DUST COVER                              |
| 17L  |          | 1    | LEVER NUT                                     |
| 18   | TB1017U  | 1    | TIE ROD KIT                                   |
| 19   | 24214    | 1    | O-RING, LARGE                                 |
|      |          |      |                                               |

## **CABLE (MANUAL) LIFT VALVE MOUNT**

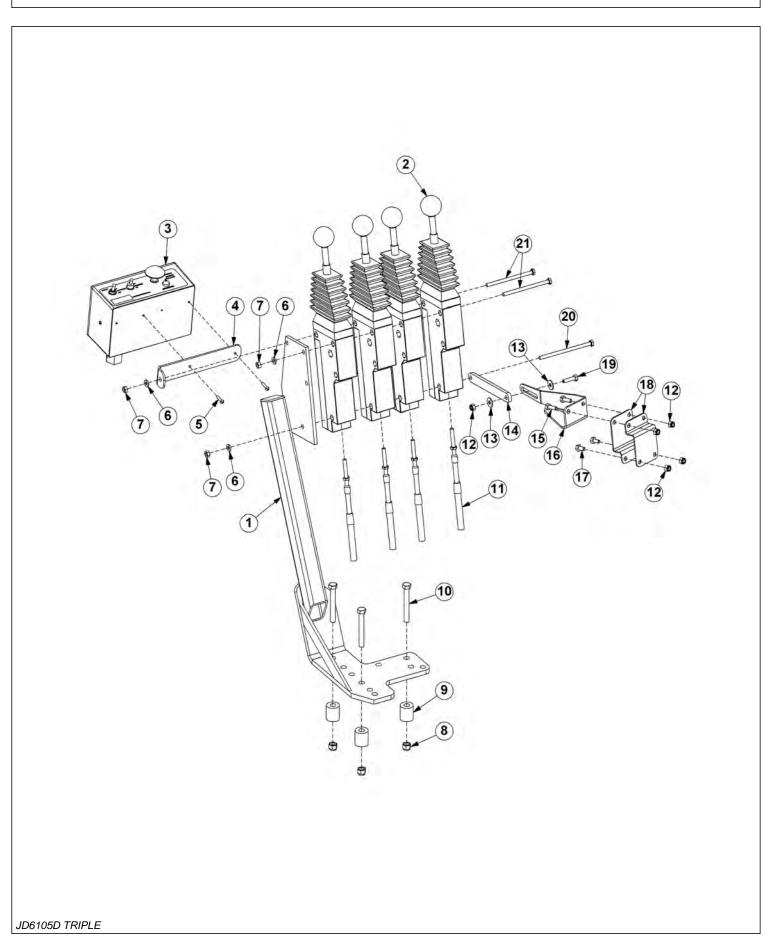


# **CABLE (MANUAL) LIFT VALVE MOUNT**

## Continued...

| ITEM | PART NO. | QTY. | DESCRIPTION                 |
|------|----------|------|-----------------------------|
| 1    | 06502159 | 1    | VALVE,4SP,HSC,T3F,OC        |
| 2    | 34622    | 1    | PLATE, VALVE, REAR MNT      |
| 4    | 21627    | 12   | NYLOCK NUT,3/8",NC          |
| 5    | 06340033 | 1    | VALVE MNT                   |
| 6    | 21632    | 6    | CAPSCREW,3/8" X 1-1/2",NC   |
| 7    | 6T2615   | 4    | WASHER,FENDER,3/8"          |
| 8    | 06505100 | 4    | CABLE CONTROL,108"          |
| 9    | 6T4411   | 4    | CLEVIS                      |
| 10   | 6T3017   | 4    | ROLLPIN,3/16" X 1"          |
| 11   | 21500    | 4    | HEX NUT,1/4",NF             |
| 12   | 21631    | 2    | CAPSCREW,3/8" X 1-1/4",NC   |
| 13   | 28053    | 1    | TRIM LOCK                   |
| 14   | 33271    | 6    | ADAPTER,1/2"MOR X 3/8"MJ    |
| 15   | 33364    | 3    | HOSE,1/4" X 120"            |
| 16   | 06500136 | 3    | HOSE,1/4" X 140"            |
| 17   | 06500782 | 2    | HOSE, 3/4" X 70"            |
| 20   | 06503023 | 3    | ADAPTER, 3/4" ORB X 3/4" MJ |
| 21   | 06500468 | 1    | HOSE,1/2" X 33"             |
| 27   | 21527    | 2    | NYLOCK NUT,1/4",NC          |
| 28   | 06411085 | 1    | BRKT,MNT,SOLENOID           |
| 29   | 32724    | 2    | FLATWASHER,10MM             |
| 30   | 27513    | 2    | CAPSCREW,10MM X 35MM,1.5P   |
| 31   | 6T3927   | 1    | CONTINUOUS DUTY SOLENOID    |
| 32   | 22014    | 2    | FLATWASHER,1/4"             |
| 33   | 21529    | 2    | CAPSCREW,1/4" X 3/4",NC     |
| 34   | 06500783 | 1    | HOSE, 3/4" X 30"            |
|      |          |      |                             |

## **4 SPOOL CABLE CONTROL MOUNT**

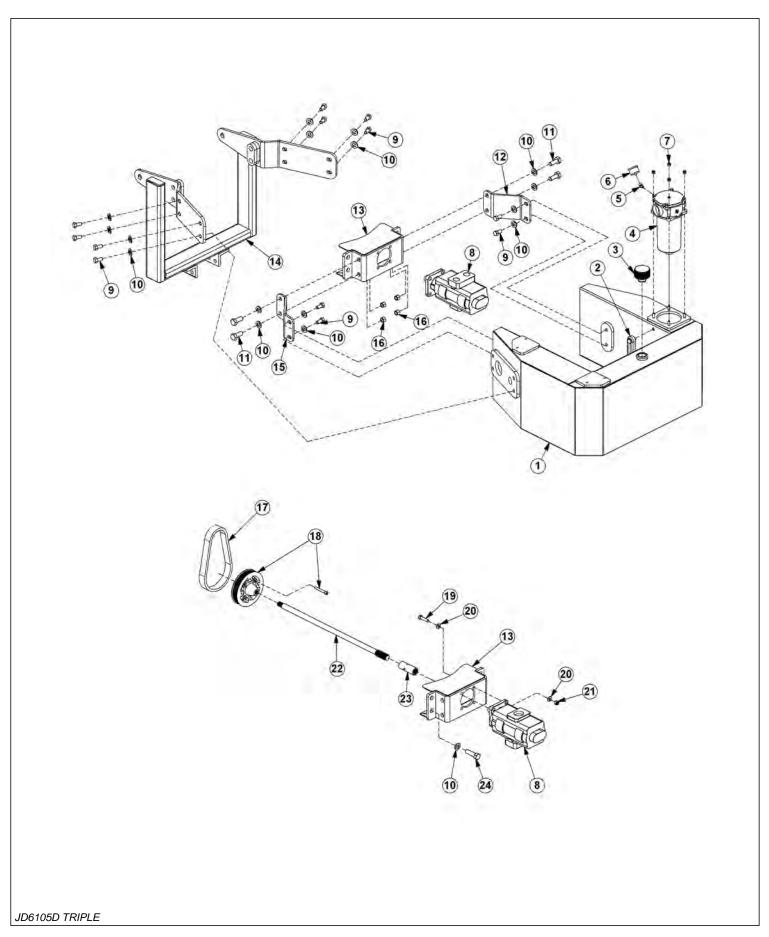


# **4 SPOOL CABLE CONTROL MOUNT**

# Continued...

| ITEM | PART NO. | QTY. | DESCRIPTION               |
|------|----------|------|---------------------------|
| 1    | 23865B   | 1    | BRKT,CTRL,CBL             |
| 2    | 6T1251   | 4    | CBL CTRL BOX,180 DEG      |
| 3    | 06510097 | 1    | SWITCH BOX, TWIN/T3F      |
| 4    | 34496    | 1    | BRKT,SWITCH BOX           |
| 5    | 6T3951   | 2    | SCREW,MACHINE,8-32 X 1/2" |
| 6    | 21986    | 3    | LOCKWASHER,1/4"           |
| 7    | 21525    | 3    | HEX NUT,1/4",NC           |
| 8    | 21627    | 3    | NYLOCK NUT,3/8",NC        |
| 9    | 27082B   | 3    | SPACER                    |
| 10   | 21636    | 3    | CAPSCREW,3/8" X 2-1/2",NC |
| 11   | 06505100 | 4    | CBL,CNTRL,108"            |
| 12   | 21527    | 5    | NYLOCK NUT,1/4",NC        |
| 13   | 22014    | 2    | FLATWASHER,1/4"           |
| 14   | 06402045 | 1    | SUPPORT,STAND             |
| 15   | 21529    | 2    | CAPSCREW,1/4" X 3/4",NC   |
| 16   | 06411087 | 1    | BRKT,STABILIZER           |
| 17   | 21528    | 2    | CAPSCREW,1/4" X 1/2",NC   |
| 18   | 06411086 | 2    | BRKT,MNT                  |
| 19   | 21530    | 1    | CAPSCREW,1/4" X 1",NC     |
| 20   | 21547    | 1    | CAPSCREW,1/4" X 8",NC     |
| 21   | 21546    | 2    | CAPSCREW,1/4" X 7",NC     |

# **BUMPER TANK MOUNT**

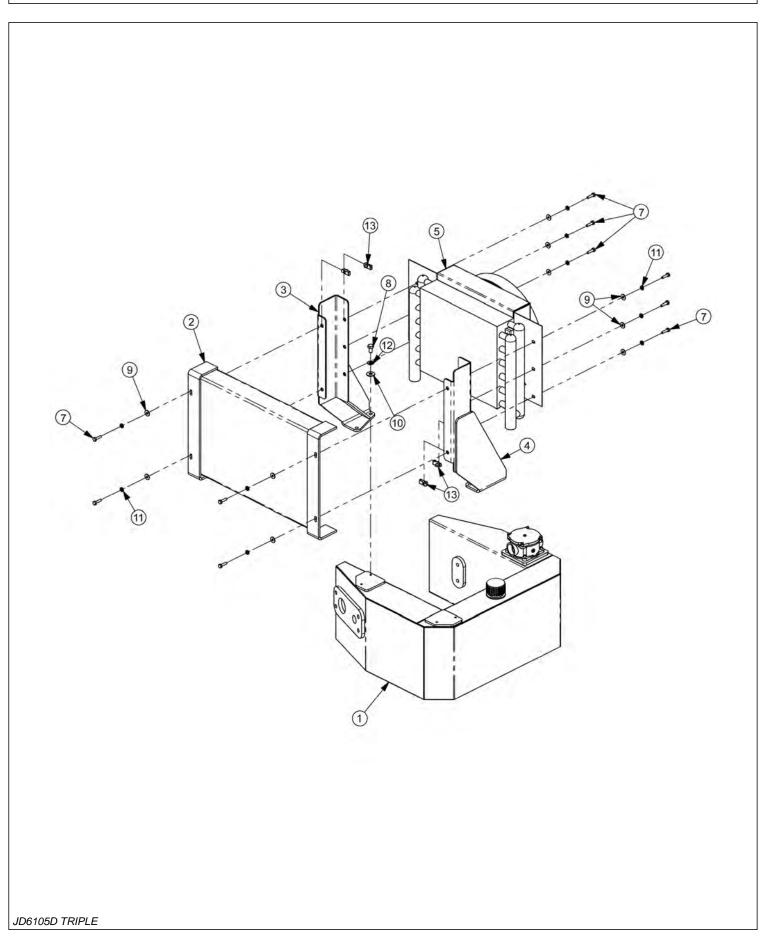


# **BUMPER TANK MOUNT**

# Continued...

| ITEM | PART NO. | QTY. | DESCRIPTION                                 |
|------|----------|------|---------------------------------------------|
| 1    |          | -    | TANK,BUMPER *REFER TO TRACTOR MOUNT KIT,HYD |
| 2    | 06505067 | 1    | SIGHT GLASS                                 |
| 3    | 06505077 | 1    | CAP,BREATHER,FILLER                         |
| 4    | 06505044 | 1    | FILTER,RETURN                               |
|      | 35259    | 1    | ELEMENT, FILTER                             |
| 5    | TF4887   | 1    | STREET ELBOW,1/8"                           |
| 6    | 6T0649   | 1    | INDICATOR,FILTER                            |
| 7    | 21627    | 4    | NYLOCK NUT,3/8",NC                          |
| 8    |          | -    | PUMP,TANDEM *REFER TO TRACTOR MOUNT KIT,HYD |
| 9    | 21780    | 12   | CAPSCREW,5/8" X 1-1/4",NC                   |
| 10   | 33880    | 20   | FLATWASHER,3/4",SAE                         |
| 11   | 21832    | 4    | CAPSCREW,3/4" X 2",NC                       |
| 12   | 06411962 | 1    | MNT,LH,TANK                                 |
| 13   |          | -    | MNT,PUMP *REFER TO TRACTOR MOUNT KIT,HYD    |
| 14   |          | -    | HANGER FRAME *REFER TO TRACTOR MOUNT KIT    |
| 15   | 06411963 | 1    | MNT,RH,TANK                                 |
| 16   | 21825    | 4    | HEX NUT,3/4",NC                             |
| 17   | //////   | -    | JOHN DEERE BELT (EXISTING)                  |
| 18   | SJ23950  | 1    | JOHN DEERE PULLEY KIT                       |
| 19   | 21733    | 4    | CAPSCREW,1/2" X 2",NC                       |
| 20   | 06533004 | 8    | FLATWASHER,1/2",SAE                         |
| 21   | 21727    | 4    | NYLOCK NUT,1/2",NC                          |
| 22   | 06420166 | 1    | DRIVESHAFT                                  |
| 23   | 6T0375B  | 1    | COUPLING                                    |
| 24   | 25341    | 4    | CAPSCREW,20MM X 70MM,2.5P                   |
|      |          |      |                                             |

# **COOLER ASSEMBLY**

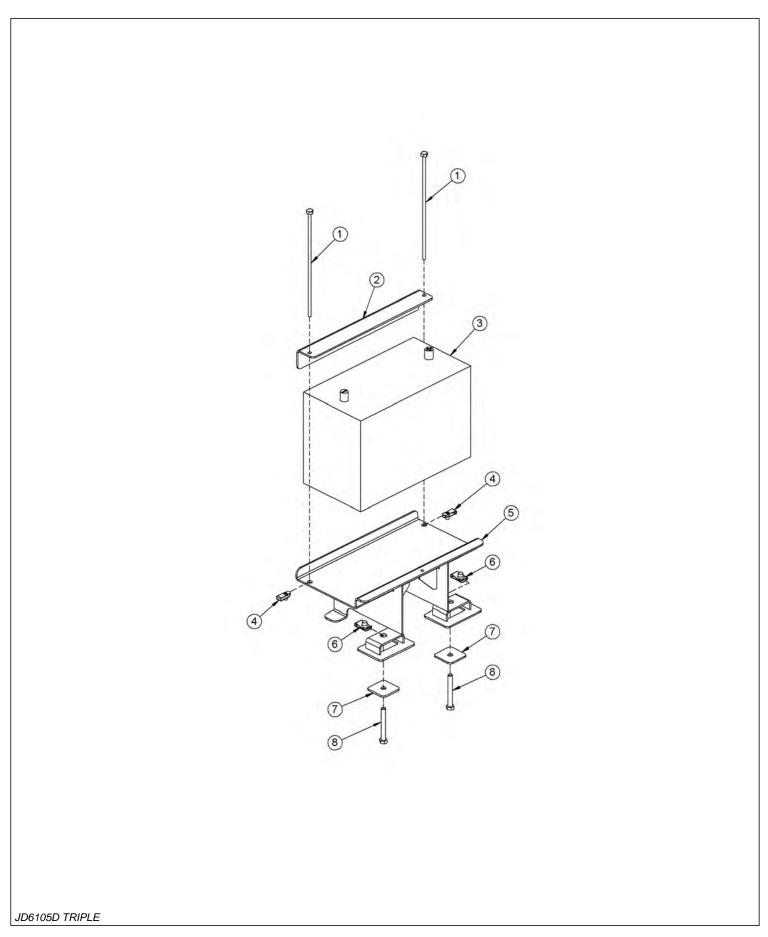


# **COOLER ASSEMBLY**

# Continued...

| ITEM | PART NO. | QTY. | DESCRIPTION               |
|------|----------|------|---------------------------|
| 1    | 34666    | 1    | TANK,RES,BUMPER,ASSY      |
| 2    | 06370015 | 1    | SCREEN,COOLER,FRNT        |
| 3    | 06380007 | 1    | MNT,COOLER,BUMPER TANK,LH |
| 4    | 06380006 | 1    | MNT,COOLER,BUMPER TANK,RH |
| 5    | 06510350 | 1    | COOLER,FRONT MNT          |
| 7    | 21530    | 10   | CAPSCREW,1/4" X 1",NC     |
| 8    | 21629    | 4    | CAPSCREW,3/8" X 3/4",NC   |
| 9    | 22014    | 10   | FLATWASHER,1/4"           |
| 10   | 22016    | 4    | FLATWASHER,3/8"           |
| 11   | 21986    | 10   | LOCKWASHER,1/4"           |
| 12   | 21988    | 4    | LOCKWASHER,3/8"           |
| 13   | 35176    | 10   | U-NUT,1/4",NC             |

# **BATTERY RELOCATION**

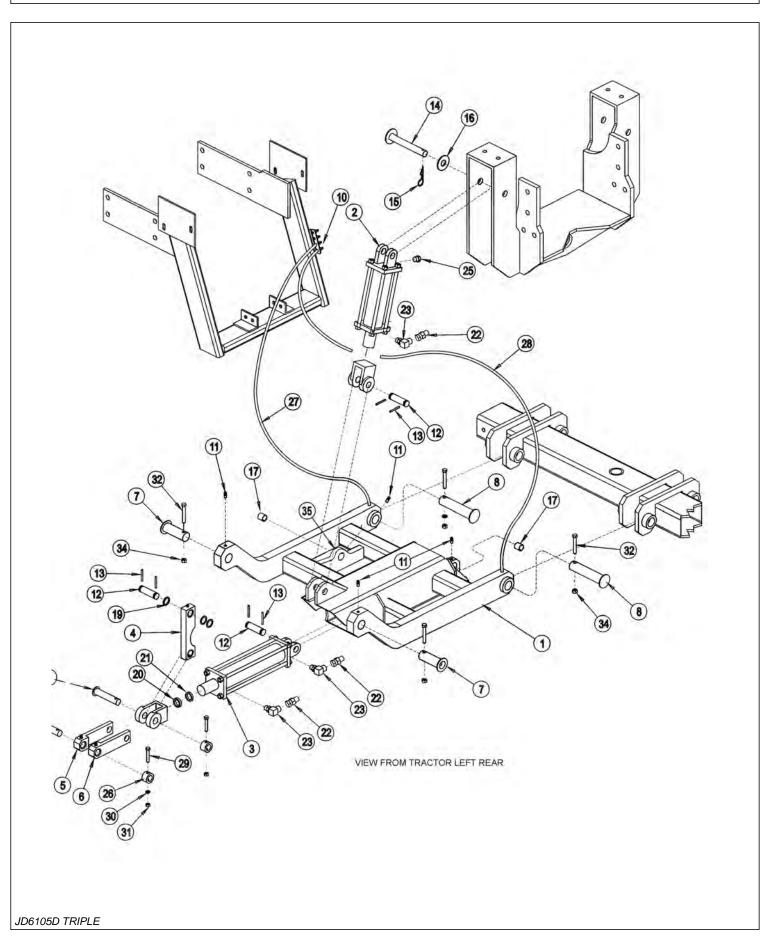


# **BATTERY RELOCATION**

# Continued...

| ITEM | PART NO. | QTY. | DESCRIPTION            |
|------|----------|------|------------------------|
| 1    | 06530234 | 2    | CAPSCREW,1/4" X 10",NC |
| 2    | 06411429 | 1    | ANGLE                  |
| 3    |          | -    | BATTERY *EXISTING PART |
| 4    | 35176    | 2    | NUT CLIP,1/4",NC       |
| 5    | 06370231 | 1    | RELOCATION BRACKET     |
| 6    | 06537029 | 2    | NUT CLIP,3/8",NC       |
| 7    | 06401784 | 2    | SQUARE PLATE           |
| 8    | 21638    | 2    | CAPSCREW,3/8" X 3",NC  |

# **DRAFT BEAM - LEFT HAND**

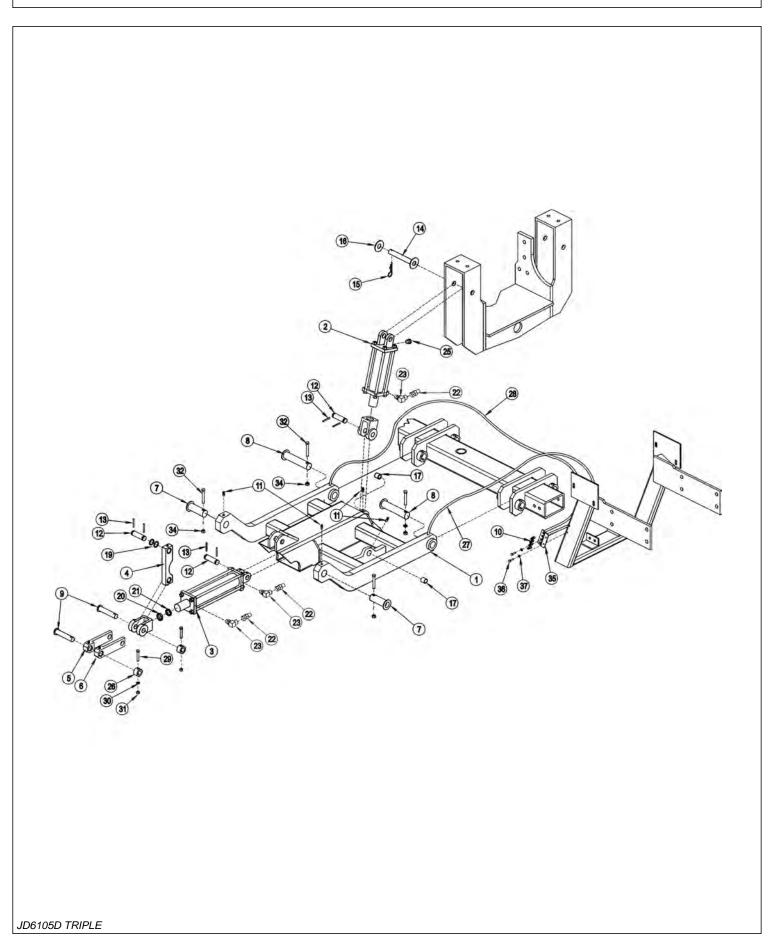


# **DRAFT BEAM - LEFT HAND**

# Continued...

| ITEM | PART NO. | QTY. | DESCRIPTION                |
|------|----------|------|----------------------------|
| 1    | 30975B   | 1    | LEFT HAND DRAFT BEAM       |
| 2    | 6T0151R  | 1    | INBOARD CYLINDER           |
| 3    | 25343    | 1    | OUTBOARD CYLINDER          |
| 4    | TF4500A  | 1    | PIVOT ARM                  |
| 5    | TF4506B  | 1    | LIFT ARM,LH                |
| 6    | TF4507B  | 1    | LIFT ARM,RH                |
| 7    | TF4514A  | 2    | PIN                        |
| 8    | TF4515   | 2    | PIN                        |
| 9    | TF4519   | 2    | PIN                        |
| 10   | TF1033   | 2    | GREASE ZERK,1/8"FPT        |
| 11   | 6T3207   | 4    | GREASE ZERK,1/4"           |
| 12   | TB1023   | 3    | ROLL PIN                   |
| 13   | 06537021 | 6    | ROLL PIN                   |
| 14   | 6T3005   | 1    | CYLINDER PIN               |
| 15   | 6T3004   | 1    | R-CLIP                     |
| 16   | 22023    | 1    | FLATWASHER                 |
| 17   | TB3010   | 2    | BUSHING                    |
| 19   | 23724    | 3    | SHIM                       |
| 20   | 22076    | 1    | SPACER                     |
| 21   | 22077    | 1    | SPACER                     |
| 22   | 31189    | 3    | RESTRICTOR                 |
| 23   | 34244    | 3    | FITTING,1/2"MOR X 1/2"FOR  |
| 25   | 6T4258   | 1    | BREATHER                   |
| 26   | 22847A   | 2    | BOSS                       |
| 27   | 22658    | 1    | HOSE,3/16" X 51"           |
| 28   | 22660    | 1    | HOSE,3/16" X 70"           |
| 29   | 21635    | 2    | CAPSCREW,3/8" X 2-1/4",NC  |
| 30   | 22016    | 2    | FLATWASHER,3/8"            |
| 31   | 21627    | 2    | NYLOCK NUT,3/8"            |
| 32   | 21688    | 4    | CAPSCREW,7/16" X 3-1/4",NC |
| 34   | 21677    | 4    | NYLOCK NUT,7/16"           |
| 35   | 06700203 | 1    | EAR, DRAFT BEAM, T3F       |
|      |          |      |                            |

# **DRAFT BEAM - RIGHT HAND**



# **DRAFT BEAM - RIGHT HAND**

# Continued...

| ITEM | PART NO. | QTY. | DESCRIPTION                |
|------|----------|------|----------------------------|
| 1    | 30974B   | 1    | RIGHT HAND DRAFT BEAM      |
| 2    | 6T0151R  | 1    | INBOARD CYLINDER           |
| 3    | 25343    | 1    | OUTBOARD CYLINDER          |
| 4    | TF4500A  | 1    | PIVOT ARM                  |
| 5    | TF4506B  | 1    | LIFT ARM,LH                |
| 6    | TF4507B  | 1    | LIFT ARM,RH                |
| 7    | TF4514A  | 2    | PIN                        |
| 8    | TF4515   | 2    | PIN                        |
| 9    | TF4519   | 2    | PIN                        |
| 10   | TF1033   | 2    | GREASE ZERK,1/8"FPT        |
| 11   | 6T3207   | 4    | GREASE ZERK,1/4"           |
| 12   | TB1033   | 3    | CLEVIS PIN                 |
| 13   | 06537021 | 6    | ROLL PIN                   |
| 14   | 6T3005   | 1    | CYLINDER PIN               |
| 15   | 6T3004   | 1    | R-CLIP                     |
| 16   | 22023    | 1    | FLATWASHER,1"              |
| 17   | TB3010   | 2    | BUSHING                    |
| 19   | 22973A   | 2    | SHIM                       |
| 20   | 22076    | 1    | SPACER                     |
| 21   | 22077    | 1    | SPACER                     |
| 22   | 31189    | 3    | RESTRICTOR                 |
| 23   | 34244    | 3    | FITTING,1/2"MOR X 1/2"FOR  |
| 25   | 6T4258   | 1    | BREATHER                   |
| 26   | 22847A   | 2    | BOSS                       |
| 27   | 22851    | 1    | HOSE,3/16" X 37"           |
| 28   | 22660    | 1    | HOSE,3/16" X 70"           |
| 29   | 21635    | 2    | CAPSCREW,3/8" X 2-1/4",NC  |
| 30   | 22016    | 2    | FLATWASHER,3/8"            |
| 31   | 21627    | 2    | NYLOCK NUT,3/8"            |
| 32   | 21688    | 4    | CAPSCREW,7/16" X 3-1/4",NC |
| 34   | 21677    | 4    | NYLOCK NUT,7/16"           |
| 35   | 22625    | 1    | GREASE HOSE BRACKET        |
| 36   | 21530    | 2    | CAPSCREW,1/4" X 1",NC      |
| 37   | 21986    | 2    | LOCKWASHER,1/4"            |
|      |          |      |                            |

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| JD6105D TRIPLE |               |

### EGRESS MOUNTING

# TRIPLE EGRESS MOUNTING

Park the tractor on a flat, hard, level surface. Lower both side decks down onto the hard surface. Make sure the engine is off and the park brake has been set. Operate the lift controls several times to release any pressure contained in the hydraulic lift system. Disconnect the positive battery cable from the battery. Then remove the right rear wheel from the tractor. Next remove the left side deck lift hoses from the lift valve and both lift cylinders, mark or label valve ports and cylinders as hoses are removed.

Install the egress switch box brackets on the left side of the mower pump mounting bracket, using hardware supplied. See pictures on next page. After the bracket is secured, then remove the front cover from the switch box, and install the switch box back half to the switch box bracket with (4) 8/32 x 1/2" machine screws. Reinstall the front cover onto the switch box.

Install the egress pump mounting bracket onto the right side of the tractor located under the cab in front of the right rear axle using hardware provided. Next preassemble the rear half of the pump cover onto the egress pump with the hardware provided, do not tighten bolt at this time. Connect the hoses for the C1 port to the egress pump port only. Do not tighten hoses at this time. The pump is now ready to be mounted to the pump mounting bracket. Secure egress pump to the bracket with the hardware provided.

Locate the ports on the egress pump labeled "A1", "A2", "B1", "B2", "C1" and "C2", these ports will be the connection points for the hydraulic lift lines.

A1 port - to lift valve -- left hand outboard cylinder butt

A2 port - to cylinder -- left hand outboard cylinder butt

B1 port - to lift valve -- left hand outboard cylinder gland

B2 port - to cylinder -- left hand outboard cylinder gland

C1 port - to lift valve -- left hand inboard cylinder gland

C2 port - to cylinder -- left hand inboard cylinder gland

Route the hoses to the lift valve and or cylinder as specified above, tighten all hose fittings. Refer to the Parts section for the location of hose connections on the lift valve.

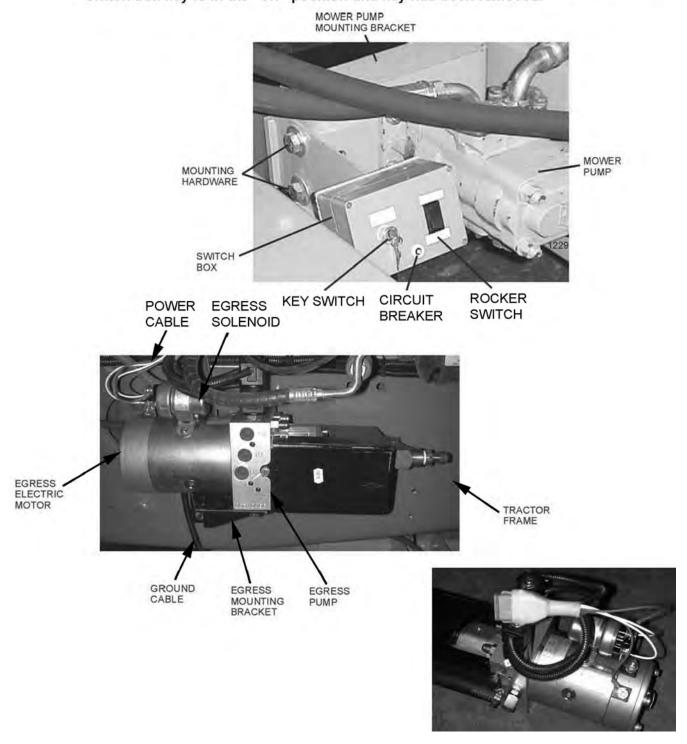
Now that the hydraulic lines are installed, connect the power cable from the positive post of the egress pump solenoid to the tractor starter solenoid positive post. Also connect the ground cable from the negative post on the egress pump electric motor to a bracket mounting bolt on the frame. Then route the cable from the switch box along the tractor to the egress pump and connect the male to the female plug. Secure cable with cable tie.

Next remove the drain plug on the bottom of the tractors transmission, <u>CAUTION</u> hydraulic oil will come out and maybe hot. Oil loss can be reduced by attaching a shop vacuum to the tractor transmission fill neck. Install fittings into the transmission drain hole, refer to part section for parts and illustrations. Connect the suction hose from the filter to the fittings on the tractor transmission, cut the hose to the required length. Install a hose clamp both end of the hose.

Install the front half of the cover onto the egress pump with provided hardware. Make sure all mounting hardware and hose connections are tight. Check hydraulic oil level and add if required. Reinstall the right rear wheel and reconnect the positive battery cable to the battery.

# TRIPLE EGRESS MOUNTING CONTINUED

NOTE: Use the egress pump ONLY to lifting or lowering the head for storage, or transportation by trailer. When the egress pump is not in use make sure the switch box key is in the "off" position and key has been removed.



### **EGRESS OPERATION**

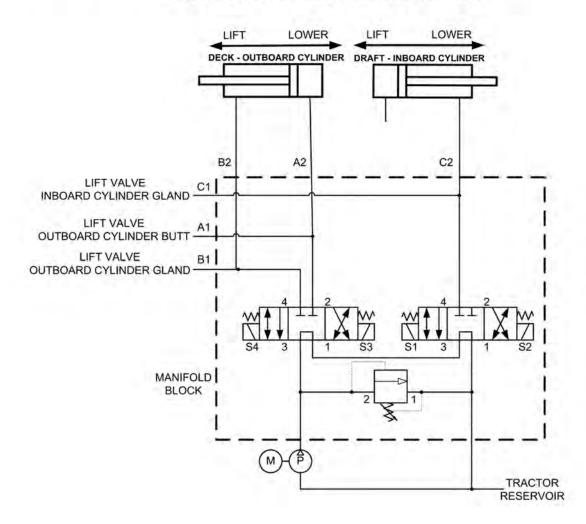
# EGRESS OPERATION

When operating the egress system to lift the deck, turn the key to the "DRAFT" position and push the rocker switch to the "LIFT" position and it will lift the draft beam. Once the draft beam is lifted to the highest position, then turn the key to the "DECK" position and push the rocker switch to the "LIFT" position, and that will raise the deck up to the travel lock. To seat the deck into the travel lock turn the key back to the "DRAFT" position and push the rocker switch to the "LOWER" position, until the deck is fully seated into the travel lock. Turn the key to the "OFF" position and remove the key. To lower the deck in sert key and reverse the steps that were done to raise the deck.

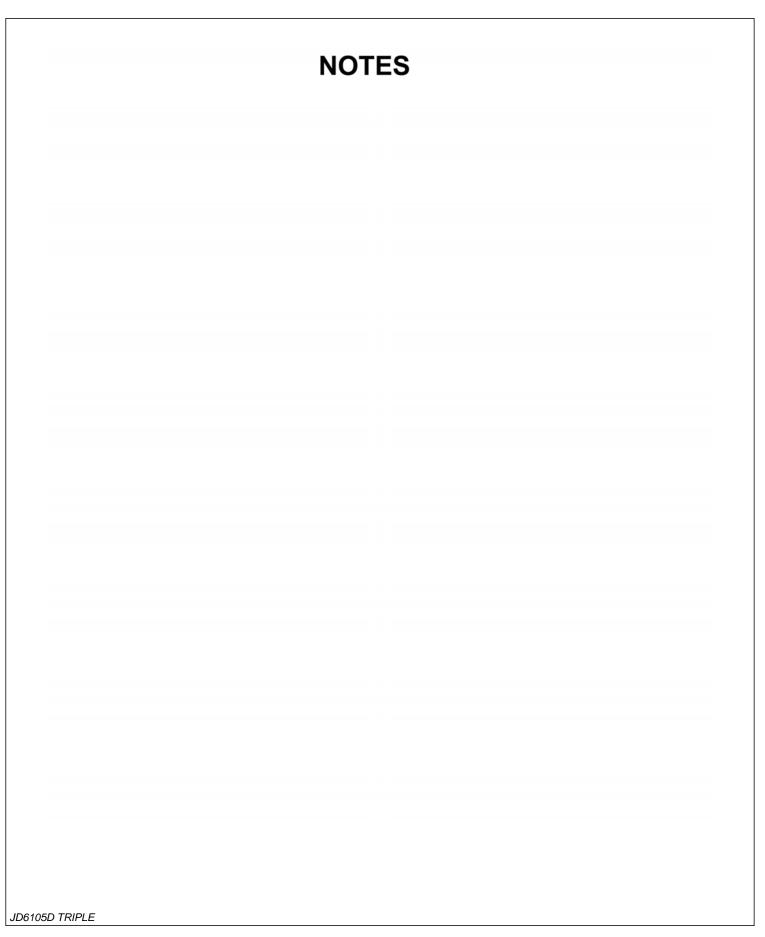


CAUTION: Never leave the key in the egress switch box. Field conditions can shake the key out of the switch box and become lost. Also personal injury or death can occur from sudden dropping or inadvertent operation of the controls. Make certain the area is clear before lowering or raising the deck.

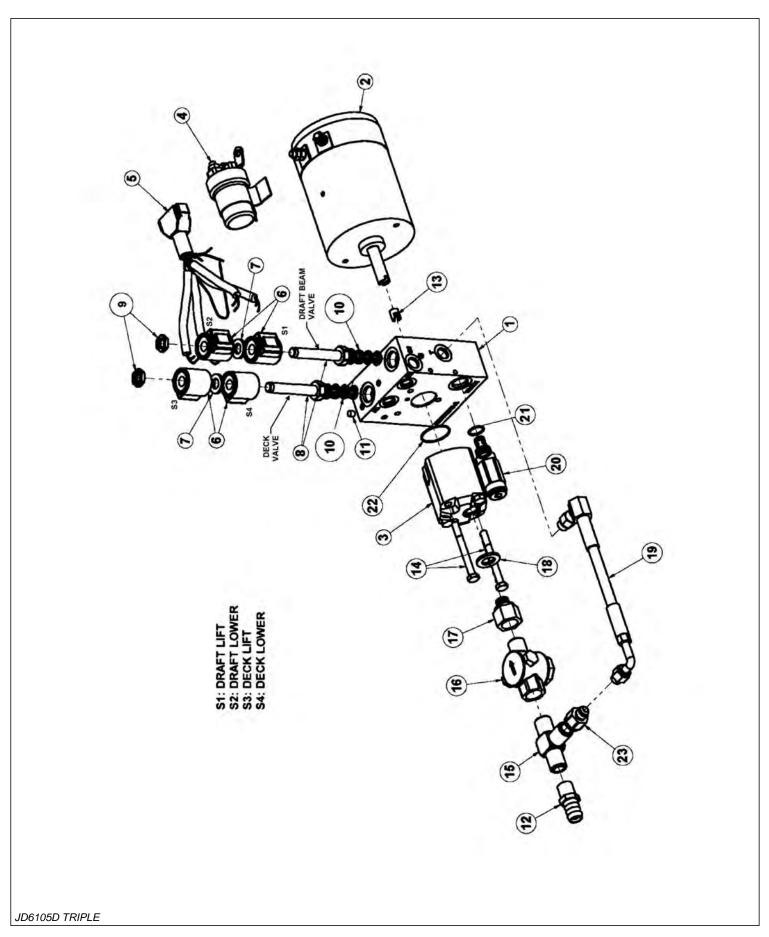
### TRIPLE EGRESS HYDRAULIC DIAGRAM



# NOTES 1



# **EGRESS PUMP BREAKDOWN**

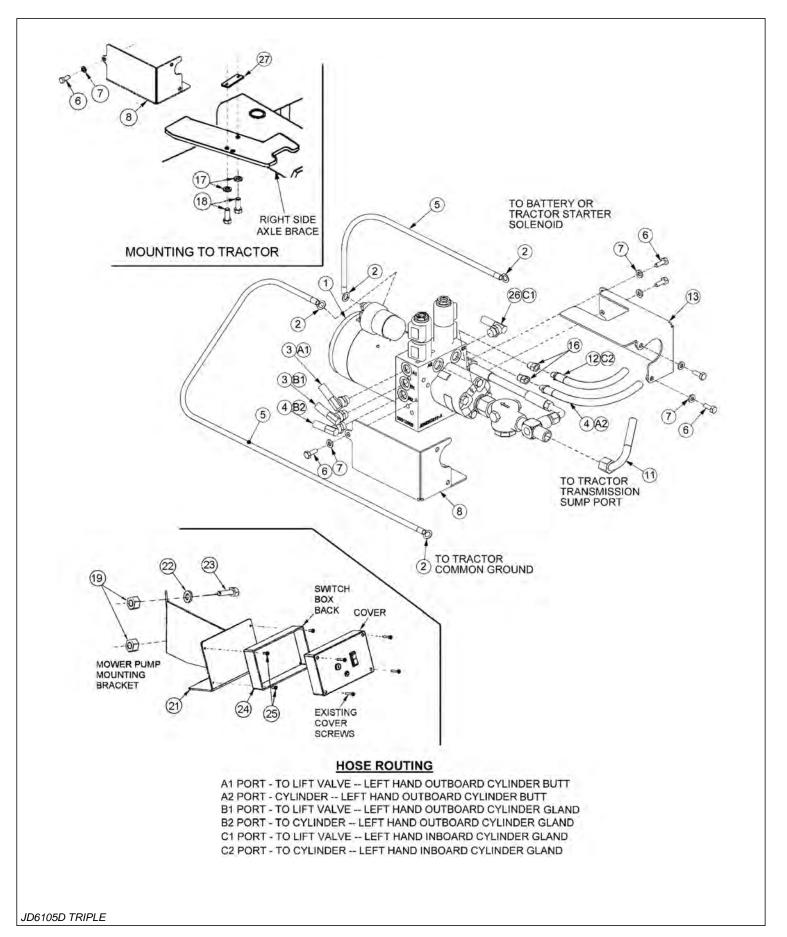


# **EGRESS PUMP BREAKDOWN**

# Continued...

| ITEM | PART NO. | QTY. | DESCRIPTION               |
|------|----------|------|---------------------------|
|      | 06510066 | 1    | PUMP,ASSY,EGRESS          |
| 1    | 06510067 | 1    | MANIFOLD                  |
| 2    | 06510068 | 1    | MOTOR                     |
| 3    | 06510070 | 1    | PUMP                      |
| 4    | 06510170 | 1    | RELAY                     |
| 5    | 06510171 | 1    | HARNESS                   |
| 6    | 06510172 | 4    | COIL                      |
| 7    | 06510173 | 2    | SPACER                    |
| 8    | 06510174 | 2    | SPOOL                     |
| 9    | 06510175 | 2    | NUT                       |
| 10   | 06510176 | 6    | SEAL KIT,06510174         |
| 11   | 06510177 | 1    | PLUG                      |
| 12   | 06510179 | 1    | ADAPTER,BARB              |
| 13   | 06510180 | 1    | COUPLING                  |
| 14   | 06510181 | 2    | BOLT                      |
| 15   | 06510182 | 1    | TEE                       |
| 16   | 06510183 | 1    | FILTER                    |
| 17   | 06510184 | 1    | ADAPTER,BARB              |
| 18   | 06510185 | 1    | WASHER                    |
| 19   | 06510186 | 1    | HOSE                      |
| 20   | 06510187 | 1    | RELIEF                    |
| 21   | 06510188 | 1    | SEAL                      |
| 22   | 06510189 | 1    | SEAL KIT,06510066         |
|      | 06510178 | 1    | O-RING                    |
| 23   | 33380    | 1    | ADAPTER,3/8"MOR X 1/2"FOR |

### **EGRESS PUMP MOUNT**

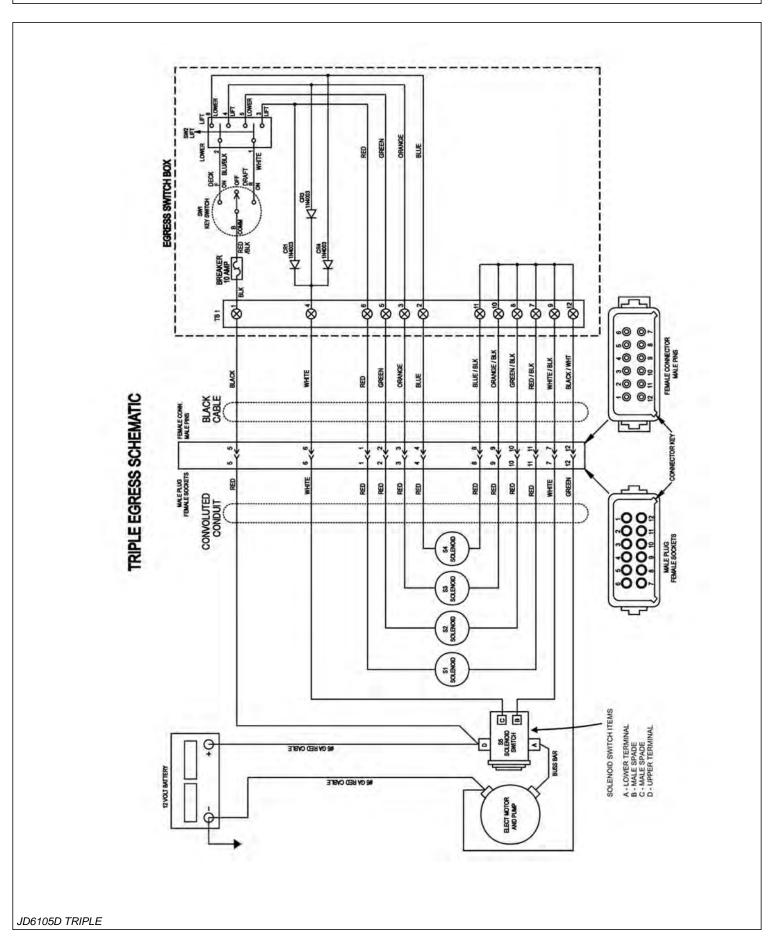


# **EGRESS PUMP MOUNT**

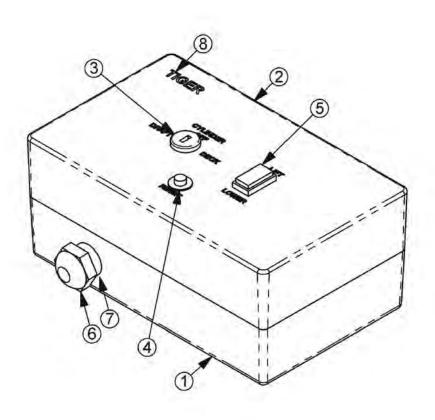
# Continued...

| ITEM | PART NO. | QTY. | DESCRIPTION                  |
|------|----------|------|------------------------------|
| 1    | 06510066 | 1    | EGRESS PUMP                  |
| 2    | 23572    | 4    | RING CONNECTOR,3/8" STUD     |
| 3    | 06500343 | 2    | HOSE,1/4" X 83"              |
| 4    | 34493    | 1    | HOSE,1/4" X 64"              |
| 5    | 24201    | 7    | WIRE,RED,#6GA (IN FEET)      |
| 6    | 21529    | 5    | CAPSCREW,1/4" X 3/4",NC      |
| 7    | 21986    | 5    | LOCKWASHER,1/4"              |
| 8    | 34306    | 1    | COVER,FRONT HALF             |
| 11   | 06500564 | 1    | HOSE,1/2" X 42"              |
| 12   | 34494    | 1    | HOSE,1/4" X 87"              |
| 13   | 34307    | 1    | COVER,REAR HALF              |
| 14   | 24860    | 2    | CAPSCREW,20MM X 40MM,2.5P    |
| 15   | 33880    | 2    | FLATWASHER,3/4"              |
| 16   | 32901    | 1    | ADAPTER, 3/8"MOR X 3/8"MJ    |
| 17   | 21988    | 2    | LOCKWASHER,3/8"              |
| 18   | 21631    | 2    | CAPSCREW,3/8" X 1-1/4",NC    |
| 19   | 21677    | 2    | 7/16" NYLOCK NUT             |
| 21   | 06380079 | 1    | MOUNT,SWITCH BOX,EGRESS      |
| 22   | 22017    | 2    | FLATWASHER,7/16"             |
| 23   | 21680    | 2    | CAPSCREW,7/16" X 1-1/4",NC   |
| 24   | 34123    | 1    | SWITCH BOX,EGRESS,T3F        |
| 25   | 6T3951   | 4    | SCREW MACHINE,8-32UNC X 1/2" |
| 26   | 34495    | 1    | HOSE,1/4" X 96"              |
| 27   | 06402699 | 1    | SPACER                       |

### **EGRESS SCHEMATIC**



# **EGRESS SWITCHBOX**



| ITEM | PART NO. | QTY. | DESCRIPTION              |
|------|----------|------|--------------------------|
| 1    | 34934    | 1    | BOTTOM,EGRESS SWITCH BOX |
| 2    | 34933    | 1    | TOP,EGRESS SWITCH BOX    |
| 3    | 34937    | 1    | KEY,SWITCH               |
| 4    | 34936    | 1    | CIRCUIT BREAKER,10AMP    |
| 5    | 34935    | 1    | ROCKER SWITCH            |
| 6    | 34938    | 1    | STRAIN RELIEF            |
| 7    | 34939    | 1    | LOCK NUT,3/4"            |
| 8    | 34940    | 1    | DECAL,TIGER              |
|      |          |      |                          |

### **EGRESS TROUBLESHOOTING**

| FAILURE MODE:                                       | CHECK STEPS |
|-----------------------------------------------------|-------------|
| - DECK OR DRAFT CYLINDER ONLY GOES ONE WAY.         | 1 and 2     |
| - DECK OR DRAFT CYLINDER WILL NOT STAY IN POSITION. | 1 and 2     |
| -WILL OPERATE WITH LIFT VALVE, BUT NOT WITH EGRESS. | 3 and 5     |
| - EGRESS DOES NOT OPERATE AS FAST AS IT USED TO:    | 3 and 4     |

### CORRECTIVE STEPS:

- 1. Remove relief valve installed on tractor lift valve. Visually inspect for contamination.
- 2. Remove solenoid valve (S1, S2, S3, S4) from egress unit and verify spool shift.
- 3. Remove relief valve from egress unit and visually inpect for contamination.
- 4. Inspect suction strainer for contamination.
- 5a. Verify supply voltage at pump motor posts on egress.
- 5b. Verify voltage at pump motor relay while switches are activated.
- 5c. Verify voltage at solenoid valve (S1, S2, S3, S4) on egress unit.
- 5d. Check or reset curcuit breaker.

### NOTE:

1. All voltage readings must be between 10.2 volts and 13.8 volts.

# **COMMON TRIPLE PARTS SECTION**

### NOTES

| NOT           | ES |
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| COMMON TRIPLE |    |

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| DRAFT BEAM - LEFT HAND                         | 8  |
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| SUPER DUTY 63IN SIDE FLAIL - REV ROT.          | 12 |
| SUPER DUTY 75IN SIDE FLAIL - STD ROT           | 14 |
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| EXTREME DUTY 75IN SIDE FLAIL - STD ROT.        | 26 |
| EXTREME DUTY 75IN SIDE FLAIL - REV ROT         | 28 |
| EXTREME DUTY 90IN SIDE FLAIL - STD ROT         | 30 |
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| SUPER DUTY PTO DRIVE ASSY                      | 54 |
| SUPER DUTY REAR GEAR BOX ASSY                  | 56 |
| EXTREME DUTY 75IN REAR FLAIL - STD ROT         | 58 |
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| EXTREME DUTY 90IN REAR FLAIL - REV ROT         | 66 |
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# PART NAME INDEX

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### PARTS ORDERING GUIDE

The following instructions are offered to help eliminate needless delay and error in processing purchase orders for the equipment in this manual.

- The Parts Section is prepared in logical sequence and grouping of parts that belong to the basic machine featured in this manual. Part Numbers and Descriptions are given to help locate the parts and quantities required.
- The Purchase Order must indicate the Name and Address of the person or organization ordering the parts, who should be charged, and if possible, the serial number of the machine for which the parts are being ordered.
- 3. The purchase order must clearly list the quantity of each part, the complete and correct part number, and the basic name of the part.
  - 4. The manufacturer reserves the right to substitute parts where applicable.
- Some parts may be unlisted items which are special production items not normally stocked and are subject to special handling. Request a quotation for such parts before sending a purchase order.
  - 6. The manufacturer reserves the right to change prices without prior notice,

NOTE: When ordering replacement decals, refer to the part numbers and descriptions listed in the safety section in the front of this manual.



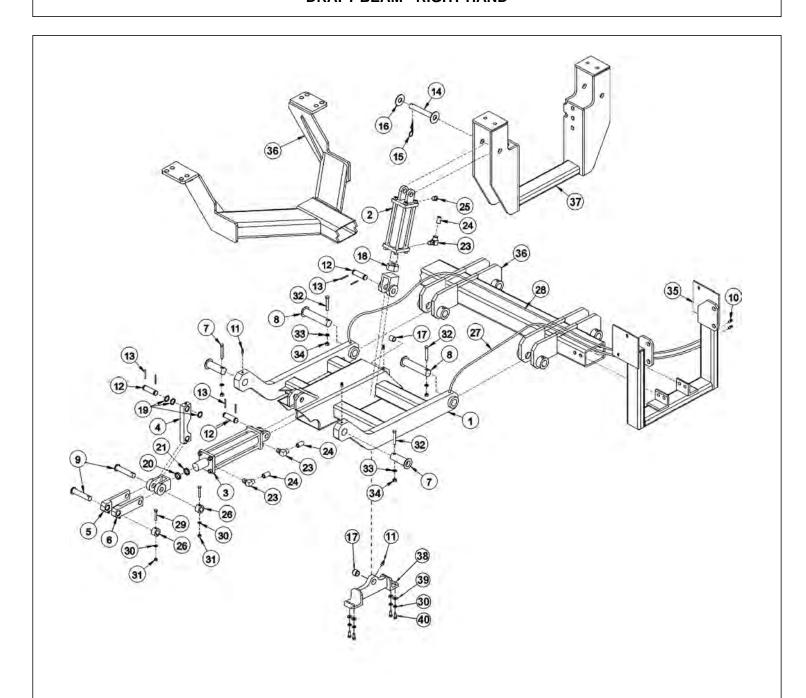
For maximum safety and to guarantee optimum product reliability, always use genuine **Tiger** replacement parts. The use of inferior replacement parts may cause premature or catastrophic failure which could result in serious injury or death.

Direct any questions regarding parts to:

Tiger Corporation 3301 N. Louise Ave. Sioux Falls, SD 57107 1-800-843-6849 1-605-336-7900

COMMON TRIPLE

# **DRAFT BEAM - RIGHT HAND**



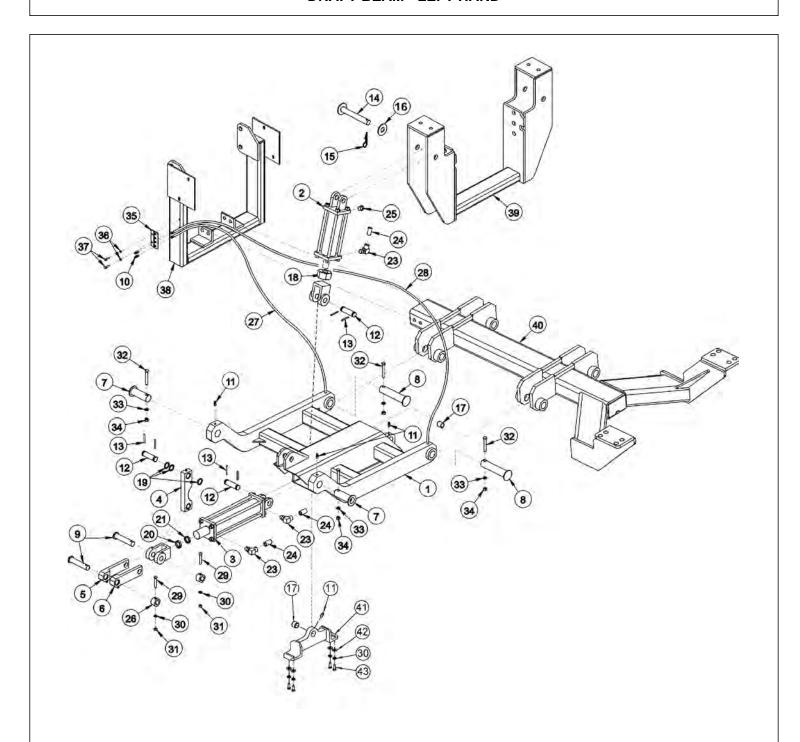
| ITEM | PART NO. | QTY. | DESCRIPTION                                 |
|------|----------|------|---------------------------------------------|
| 1    |          | -    | DRAFT BEAM - REFER TO TRACTOR PARTS SECTION |
| 2    | 31211    | 1    | INBOARD CYLINDER                            |
| 3    | 25343    | 1    | OUTBOARD CYLINDER - XD                      |
|      | 32215    | 1    | OUTBOARD CYLINDER - SD                      |
| 4    | TF4500A  | 1    | PIVOT ARM                                   |
| 5    | TF4506B  | 1    | LIFT ARM - LH                               |
|      |          |      |                                             |
|      |          |      |                                             |

# **DRAFT BEAM - RIGHT HAND**

# Continued...

| ITEM | PART NO. | QTY. | DESCRIPTION                             |
|------|----------|------|-----------------------------------------|
| 6    | TF4507B  | 1    | LIFT ARM - RH                           |
| 7    | TF4514A  | 2    | PIN                                     |
| 8    | TF4515   | 2    | PIN,1-1/2" X 6-3/4"                     |
| 9    | TF4519   | 2    | PIN                                     |
| 10   | TF1033   | 2    | GREASE ZERK,1/8"                        |
| 11   | 6T3207   | 4    | GREASE ZERK,1/4"                        |
| 12   | TB1033   | 3    | CLEVIS PIN                              |
| 13   | 06537021 | 6    | ROLL PIN                                |
| 14   | 6T3005   | 1    | CYLINDER PIN                            |
| 15   | 6T3004   | 1    | R-CLIP                                  |
| 16   | 22023    | 1    | FLATWASHER                              |
| 17   | TB3010   | 2    | BUSHING                                 |
| 18   | 31208    | 1    | SPACER                                  |
| 19   | 23724    | 3    | SHIM                                    |
| 20   | 22076    | 1    | SPACER (AS REQUIRED)                    |
| 21   | 22077    | 1    | SPACER (AS REQUIRED)                    |
| 23   | 34244    | 3    | FITTING                                 |
| 24   | 34396    | 3    | RESTRICTOR                              |
| 25   | 6T4258   | 1    | BREATHER                                |
| 26   | 22847A   | 2    | BOSS                                    |
| 27   | 22851    | 1    | HOSE,3/16" X 37"                        |
| 28   | 22860    | 1    | HOSE,3/16" X 70"                        |
| 29   | 21635    | 2    | CAPSCREW,3/8" X 2-1/4",NC               |
| 30   | 21988    | 6    | LOCKWASHER,3/8"                         |
| 31   | 21625    | 2    | HEX NUT,3/8",NC                         |
| 32   | 21688    | 4    | CAPSCREW,7/16" X 3-1/4",NC              |
| 33   | 21989    | 4    | LOCKWASHER,7/16"                        |
| 34   | 21675    | 4    | HEX NUT,7/16",NC                        |
| 35   |          | -    | HANGER - REFER TO TRACTOR PARTS SECTION |
| 36   |          | -    | FRAME - REFER TO TRACTOR PARTS SECTION  |
| 37   |          | -    | MAST - REFER TO TRACTOR PARTS SECTION   |
| 38   | 06350000 | 1    | CYLINDER ANCHOR                         |
| 39   | 22016    | 4    | FLATWASHER,3/8"                         |
| 40   | 21630    | 4    | CAPSCREW,3/8" X 1",NC                   |

# **DRAFT BEAM - LEFT HAND**



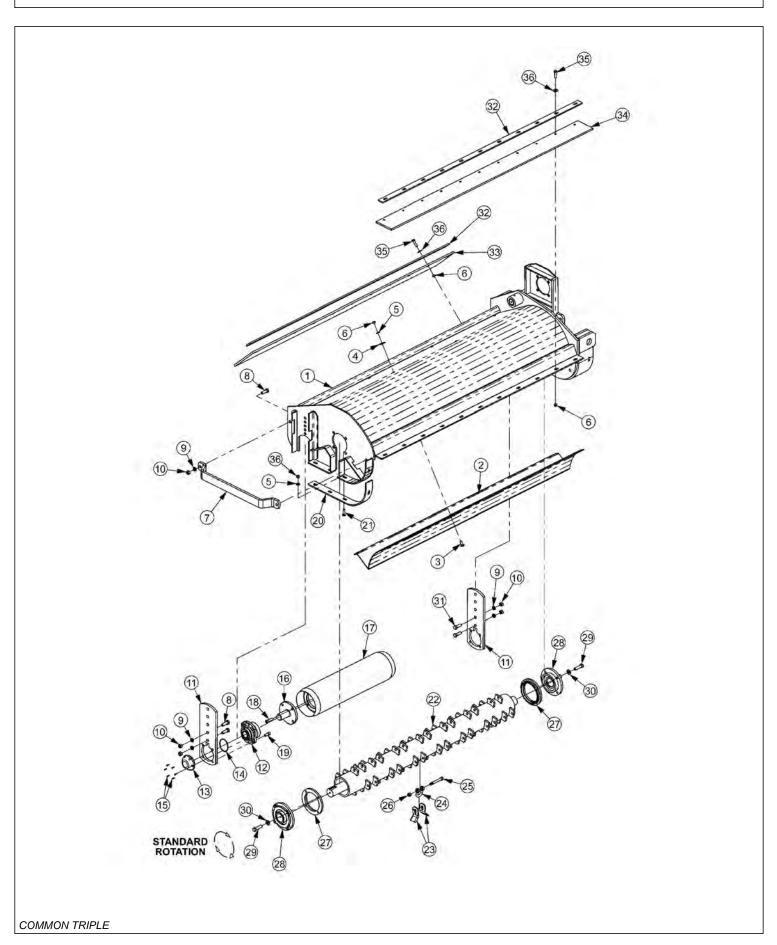
| ITEM   | PART NO. | QTY. | DESCRIPTION                                 |
|--------|----------|------|---------------------------------------------|
| 1      |          | -    | DRAFT BEAM - REFER TO TRACTOR PARTS SECTION |
| 2      | 31211    | 1    | INBOARD CYLINDER                            |
| 3      | 25343    | 1    | OUTBOARD CYLINDER - XD                      |
|        | 32215    | 1    | OUTBOARD CYLINDER - SD                      |
| 4      | TF4500A  | 1    | PIVOT ARM                                   |
| 5      | TF4506B  | 1    | LIFT ARM - LH                               |
|        |          |      |                                             |
|        |          |      |                                             |
| COMMON | I TRIPLE |      |                                             |

# **DRAFT BEAM - LEFT HAND**

# Continued...

| ITEM | PART NO. | QTY. | DESCRIPTION                             |
|------|----------|------|-----------------------------------------|
| 6    | TF4507B  | 1    | LIFT ARM - RH                           |
| 7    | TF4514A  | 2    | PIN                                     |
| 8    | TF4515   | 2    | PIN,1-1/2" X 6-3/4"                     |
| 9    | TF4519   | 2    | PIN                                     |
| 10   | TF1033   | 2    | GREASE ZERK,1/8"                        |
| 11   | 6T3207   | 4    | GREASE ZERK,1/4"                        |
| 12   | TB1033   | 3    | CLEVIS PIN                              |
| 13   | 06537021 | 6    | ROLL PIN                                |
| 14   | 6T3005   | 1    | CYLINDER PIN                            |
| 15   | 6T3004   | 1    | R-CLIP                                  |
| 16   | 22023    | 1    | FLATWASHER                              |
| 17   | TB3010   | 2    | BUSHING                                 |
| 18   | 31208    | 1    | SPACER                                  |
| 19   | 23724    | 3    | SHIM                                    |
| 20   | 22076    | 1    | SPACER (AS REQUIRED)                    |
| 21   | 22077    | 1    | SPACER (AS REQUIRED)                    |
| 23   | 34244    | 3    | FITTING                                 |
| 24   | 34396    | 3    | RESTRICTOR                              |
| 25   | 6T4258   | 1    | BREATHER                                |
| 26   | 22847A   | 2    | BOSS                                    |
| 27   | 22851    | 1    | HOSE,3/16" X 37"                        |
| 28   | 22660    | 1    | HOSE,3/16" X 70"                        |
| 29   | 21635    | 2    | CAPSCREW,3/8" X 2-1/4",NC               |
| 30   | 21988    | 6    | LOCKWASHER,3/8"                         |
| 31   | 21625    | 2    | HEX NUT,3/8",NC                         |
| 32   | 21688    | 4    | CAPSCREW,7/16" X 3-3/4",NC              |
| 33   | 21989    | 4    | LOCKWASHER,7/16"                        |
| 34   | 21675    | 4    | HEX NUT,7/16",NC                        |
| 35   | 22625    | 1    | GREASE HOSE BRACKET                     |
| 36   | 21986    | 2    | LOCKWASHER,1/4"                         |
| 37   | 21529    | 2    | CAPSCREW,1/4" X 3/4",NC                 |
| 38   |          | -    | HANGER - REFER TO TRACTOR PARTS SECTION |
| 39   |          | -    | MAST - REFER TO TRACTOR PARTS SECTION   |
| 40   |          | -    | FRAME - REFER TO TRACTOR PARTS SECTION  |
| 41   | 06350000 | 1    | CYLINDER ANCHOR                         |
| 42   | 22016    | 4    | FLATWASHER,3/8"                         |
| 43   | 21630    | 4    | CAPSCREW,3/8" X 1",NC                   |

# **SUPER DUTY 63IN SIDE FLAIL - STD ROT**



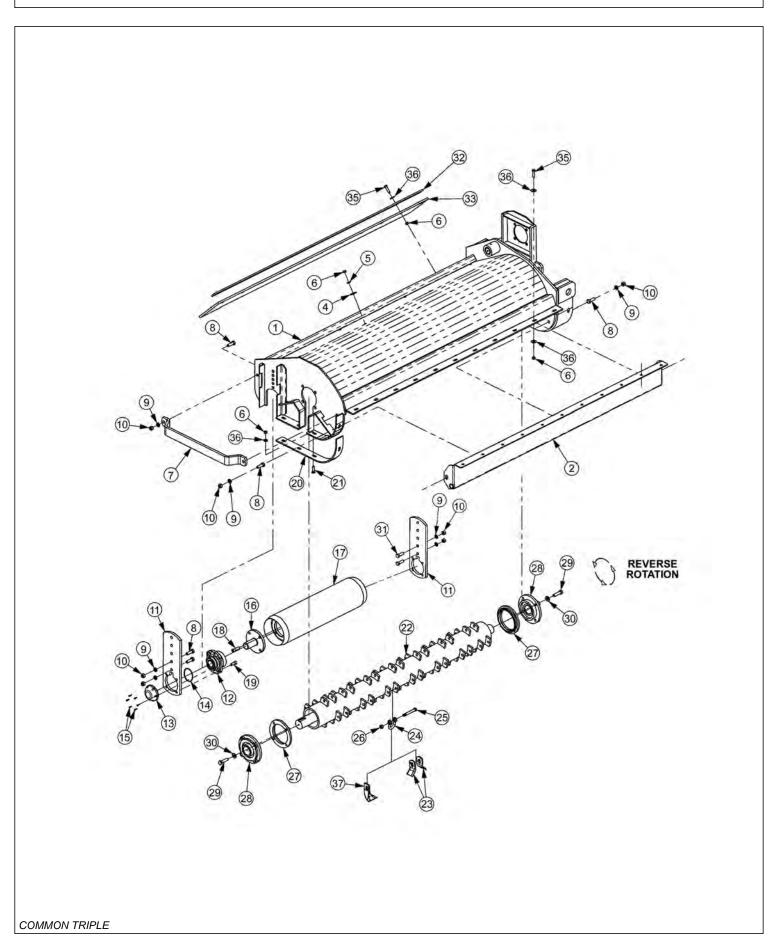
# **SUPER DUTY 63IN SIDE FLAIL - STD ROT**

# Continued...

| ITEM | PART NO. | QTY. | DESCRIPTION                       |
|------|----------|------|-----------------------------------|
| 1    | 32433    | 1    | BONNET,63",STD,T3F (RIGHT FLAIL)  |
|      | 32224    | 1    | BONNET,63",STD,T3F (LEFT FLAIL)   |
| 2    | 28665A   | 1    | BAFFLE,63",STD ROT                |
| 3    | 6T2283   | 8    | CARRIAGE BOLT,3/8" X 1",NC        |
| 4    | 6T2615   | 8    | WASHER, FENDER 3/8"               |
| 5    | 21988    | 8    | LOCKWASHER,3/8"                   |
| 6    | 21625    | 40   | HEX NUT,3/8",NC                   |
| 7    | 27975A   | 1    | GUARD,CUTTERSHAFT                 |
| 8    | 21731    | 4    | CAPSCREW,1/2" X 1-1/2",NC         |
| 9    | 21990    | 6    | LOCKWASHER,1/2"                   |
| 10   | 21725    | 6    | HEX NUT,1/2",NC                   |
| 11   | 28735    | 2    | GROUND ROLLER ADJ BRKT,STD DTY    |
| 12   | 06520028 | 2    | BEARING,FLANGE,1-3/8",GRNDRLR     |
| 13   | 06520027 | 2    | CAP,BEARING,GRNDRLR               |
| 14   | 06520029 | 2    | O-RING,2-3/4" X 3/32",AS568A-148  |
| 15   | 06530001 | 12   | CAPSCREW,SKT HD,8-32 X 1/2",SS    |
| 16   | TF1045B  | 2    | STUB SHAFT, GROUND ROLLER         |
| 17   | 28650A   | 1    | GROUND ROLLER,63"                 |
| 18   | 6T2330   | 8    | CAPSCREW,SKT HD,7/16" X 1-1/2",NC |
| 19   | 6T2331   | 8    | CAPSCREW,SKT HD,7/16" X 1",NC     |
| 20   | 28086A   | 2    | SKID SHOE,STD DUTY REAR FLAIL     |
| 21   | 30013    | 10   | PLOW BOLT,3/8" X 1-1/4",NC,GR5    |
|      | 28743    | -    | CUTTERSHAFT ASSY,STANDARD         |
| 22   | 28642C   | 1    | CUTTERSHAFT,63"                   |
| 23   | 33713    | 64   | KNIFE,FLAIL,SHORT,FORGES GORCE    |
| 24   | TF1020   | 32   | KNIFE MTG CLEVIS,FLAIL            |
| 25   | 34011    | 32   | CAPSCREW,7/16" X 3-7/16",NC,GR8   |
| 26   | 21677    | 32   | NYLOCK NUT,7/16",NC               |
| 27   | 33863    | 2    | STRING GUARD,STD                  |
| 28   | 28683    | 2    | BEARING,FLANGE,1-15/16",STD,TSF   |
| 29   | 06530217 | 8    | CAPSCREW,1/2" X 2",NC,L9          |
| 30   | 06533006 | 8    | FLATWASHER,1/2",SAE,L9            |
| 31   | 21732    | 2    | CAPSCREW,1/2" X 1-3/4",NC         |
| 32   | 28700    | 2    | BAR,FLAP,TSF/TBF,63"              |
| 33   | 28701    | 1    | FLAP,DEFLECTOR,TSF,63"            |
| 34   | 06520241 | 1    | FLAP,63",FRONT                    |
| 35   | 21632    | 22   | CAPSCREW,3/8" X 1-1/2",NC         |
| 36   | 22016    | 32   | FLATWASHER,3/8"                   |
|      |          |      |                                   |

COMMON TRIPLE

# **SUPER DUTY 63IN SIDE FLAIL - REV ROT**

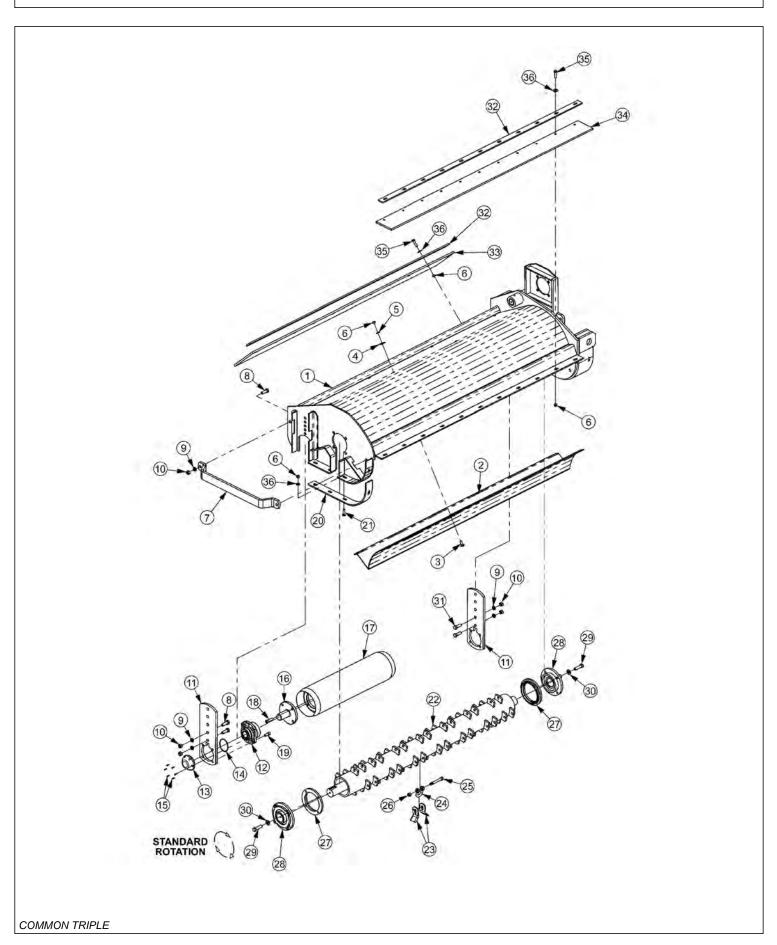


# **SUPER DUTY 63IN SIDE FLAIL - REV ROT**

#### Continued...

| ITEM | PART NO. | QTY. | DESCRIPTION                       |
|------|----------|------|-----------------------------------|
| 1    | 32433    | 1    | BONNET,63",STD,T3F (RIGHT FLAIL)  |
|      | 32224    | 1    | BONNET,63",STD,T3F (LEFT FLAIL)   |
| 2    | 28969A   | 1    | TRASH GUARD,63",REV ROT           |
| 3    | 6T2283   | 8    | CARRIAGE BOLT,3/8" X 1",NC        |
| 4    | 6T2615   | 8    | WASHER,FENDER,3/8"                |
| 5    | 21988    | 8    | LOCKWASHER,3/8"                   |
| 6    | 21625    | 40   | HEX NUT,3/8",NC                   |
| 7    | 27975A   | 1    | GUARD,CUTTERSHAFT                 |
| 8    | 21731    | 6    | CAPSCREW,1/2" X 1-1/2",NC         |
| 9    | 21990    | 8    | LOCKWASHER,1/2"                   |
| 10   | 21725    | 8    | HEX NUT,1/2",NC                   |
| 11   | 28735    | 2    | GROUND ROLLER ADJ BRKT,STD DTY    |
| 12   | 06520028 | 2    | BEARING,FLANGE,1-3/8",GRNDRLR     |
| 13   | 06520027 | 2    | CAP,BEARING,GRNDRLR               |
| 14   | 06520029 | 2    | O-RING,2-3/4" X 3/32",AS568A-148  |
| 15   | 06530001 | 12   | CAPSCREW,SKT HD,8-32 X 1/2",SS    |
| 16   | TF1045B  | 2    | STUB SHAFT, GROUND ROLLER         |
| 17   | 28650A   | 1    | GROUND ROLLER,63"                 |
| 18   | 6T2330   | 8    | CAPSCREW,SKT HD,7/16" X 1-1/2",NC |
| 19   | 6T2331   | 8    | CAPSCREW,SKT HD,7/16" X 1",NC     |
| 20   | 28086A   | 2    | SKID SHOE,STD DUTY REAR FLAIL     |
| 21   | 30013    | 10   | PLOW BOLT,3/8" X 1-1/4",NC,GR5    |
|      | 28743    | -    | CUTTERSHAFT ASSY,STANDARD CUT     |
|      | 28744    | -    | CUTTERSHAFT ASSY,SMOOTH CUT       |
| 22   | 28642C   | 1    | CUTTERSHAFT,63"                   |
| 23   | 33713    | 64   | FLAIL KNIVES (STANDARD CUT)       |
| 24   | TF1020   | 32   | KNIFE MTG CLEVIS,FLAIL            |
| 25   | 34011    | 32   | CAPSCREW,7/16" X 3-7/16",NC,GR8   |
| 26   | 21677    | 32   | NYLOCK NUT,7/16",NC               |
| 27   | 33863    | 2    | STRING GUARD,STD                  |
| 28   | 28683    | 2    | BEARING,FLANGE,1-15/16",STD,TSF   |
| 29   | 06530217 | 8    | CAPSCREW,1/2" X 2",NC,L9          |
| 30   | 06533006 | 8    | FLATWASHER,1/2",SAE,L9            |
| 31   | 21732    | 2    | CAPSCREW,1/2" X 1-3/4",NC         |
| 32   | 28700    | 1    | BAR,FLAP,TSF/TBF,63"              |
| 33   | 28701    | 1    | FLAP,DEFLECTOR,TSF,63"            |
| 35   | 21632    | 22   | CAPSCREW,3/8" X 1-1/2",NC         |
| 36   | 22016    | 43   | FLATWASHER,3/8"                   |
| 37   | 28184A   | 32   | FLAIL KNIVES (SMOOTH CUT)         |
|      |          |      |                                   |

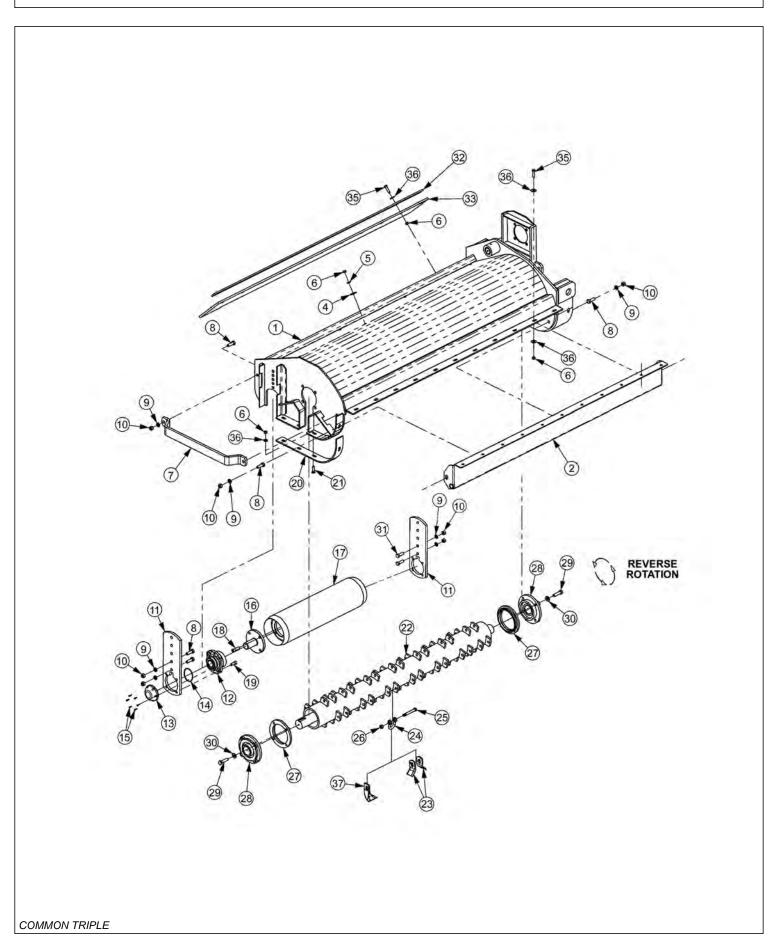
# **SUPER DUTY 75IN SIDE FLAIL - STD ROT**



# **SUPER DUTY 75IN SIDE FLAIL - STD ROT**

| ITEM | PART NO. | QTY. | DESCRIPTION                          |
|------|----------|------|--------------------------------------|
| 1    | 06320109 | 1    | BONNET,75",STD,T3F (RIGHT FLAIL)     |
|      | 06320108 | 1    | BONNET,75",STD,T3F (LEFT FLAIL)      |
| 2    | 28737    | 1    | BAFFLE,75",STD ROT-STD               |
| 3    | 6T2283   | 10   | CARRIAGE BOLT,3/8" X 1",NC           |
| 4    | 6T2615   | 10   | WASHER,FENDER,3/8"                   |
| 5    | 21988    | 10   | LOCKWASHER,3/8"                      |
| 6    | 21625    | 46   | HEX NUT,3/8",NC                      |
| 7    | 27975A   | 1    | GUARD,CUTTERSHAFT                    |
| 8    | 21731    | 4    | CAPSCREW,1/2" X 1-1/2",NC            |
| 9    | 21990    | 6    | LOCKWASHER,1/2"                      |
| 10   | 21725    | 6    | HEX NUT,1/2",NC                      |
| 11   | 28735    | 2    | GROUND ROLLER ADJ BRKT,STD DTY       |
| 12   | 06520028 | 2    | BEARING,FLANGE,1-3/8,GRNDRLR         |
| 13   | 06520027 | 2    | CAP,BEARING,GRNDRLR                  |
| 14   | 06520029 | 2    | O-RING,2-3/4 X 3/32",AS568A-148      |
| 15   | 06530001 | 12   | CAPSCREW,SKT HD,8-32 X 1/2",SS       |
| 16   | TF1045B  | 2    | STUB SHAFT,GROUND ROLLER             |
| 17   | 28738    | 1    | GROUND ROLLER,75"                    |
| 18   | 6T2330   | 8    | CAPSCREW,SKT HD,7/16" X 1-1/2",NC    |
| 19   | 6T2331   | 8    | CAPSCREW,SKT HD,7/16" X 1",NC        |
| 20   | 28086A   | 2    | SKID SHOE,STD DUTY REAR FLAIL        |
| 21   | 30013    | 10   | PLOW BOLT,3/8" X 1-1/4",NC,GR5       |
|      | 28747    | -    | CUTTERSHAFT ASSY,STANDARD            |
| 22   | 28643B   | 1    | CUTTERSHAFT,75"                      |
| 23   | 33713    | 80   | KNIFE,FLAIL,SHORT,FORGES GORCE       |
| 24   | TF1020   | 40   | KNIFE MTG CLEVIS,FLAIL               |
| 25   | 34011    | 40   | CAPSCREW,7/16" X 3-7/16",NC,GR8      |
| 26   | 21677    | 40   | NYLOCK NUT,7/16",NC                  |
|      | 06200639 | -    | STRING GUARD KIT,SD (ITEMS 27,29,30) |
| 27   | 33863    | 2    | STRING GUARD,STD                     |
| 28   | 28683    | 2    | BEARING,FLANGE,1-15/16",STD,TSF      |
| 29   | 06530217 | 8    | CAPSCREW,1/2" X 2",NC,L9             |
| 30   | 06533006 | 8    | FLATWASHER,1/2",SAE,L9               |
| 31   | 21732    | 2    | CAPSCREW,1/2" X 1-3/4",NC            |
| 32   | TF1029   | 2    | BAR,FLAP,TSF/TBF,75"                 |
| 33   | TF1016   | 1    | FLAP,DEFLECTOR,TSF,75"               |
| 34   | 06520242 | 1    | FLAP,75",FRONT                       |
| 35   | 21632    | 26   | CAPSCREW,3/8" X 1-1/2",NC            |
| 36   | 22016    | 36   | FLATWASHER,3/8"                      |
|      |          |      |                                      |

# **SUPER DUTY 75IN SIDE FLAIL - REV ROT**

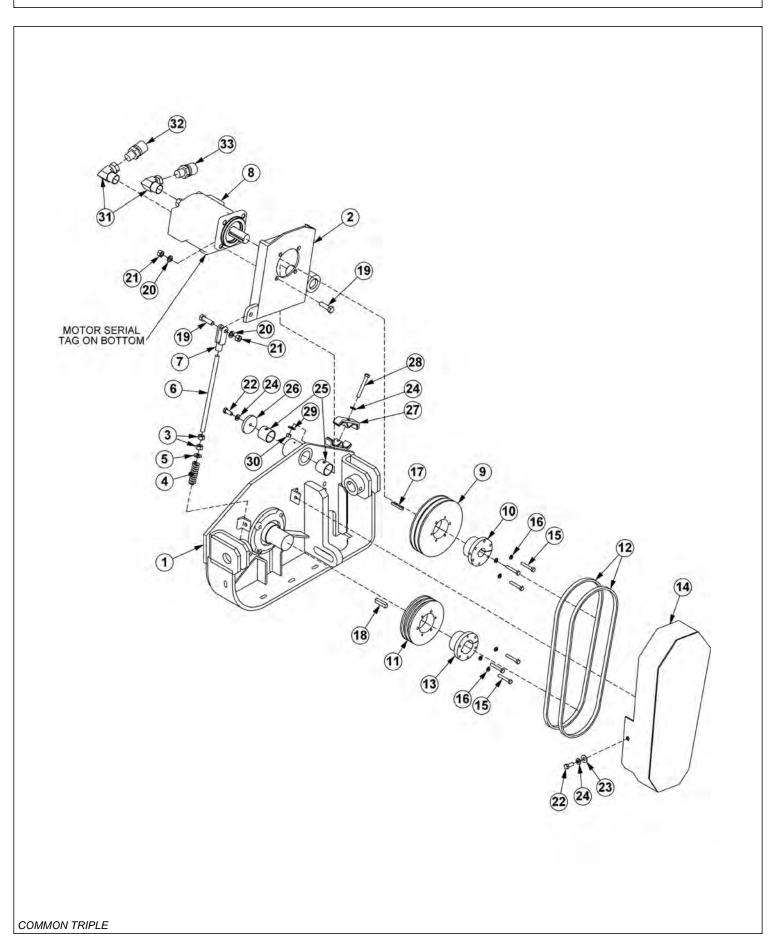


# **SUPER DUTY 75IN SIDE FLAIL - REV ROT**

#### Continued...

| l | ITES# | DADTNO   | OTV | DESCRIPTION                                     |
|---|-------|----------|-----|-------------------------------------------------|
|   |       | PART NO. |     | DESCRIPTION  PONNET 25 STD TOP (DIGHT PLAN)     |
|   | 1     | 06320109 | 1   | BONNET,75,STD,T3F (RIGHT FLAIL)                 |
|   | 2     | 06320108 | 1   | BONNET,75,STD,T3F (LEFT FLAIL)                  |
|   | 2     | 28968A   | 1   | TRASH GUARD,75"                                 |
|   | 3     | 6T2283   | 10  | CARRIAGE BOLT,3/8" X 1",NC                      |
|   | 4     | 6T2615   | 10  | WASHER, FENDER, 3/8"                            |
|   | 5     | 21988    | 10  | LOCKWASHER,3/8"                                 |
|   | 6     | 21625    | 36  | HEX NUT,3/8",NC                                 |
|   | 7     | 27975A   | 1   | GUARD, CUTTERSHAFT                              |
|   | 8     | 21731    | 6   | CAPSCREW,1/2" X 1-1/2",NC                       |
|   | 9     | 21990    | 8   | LOCKWASHER,1/2"                                 |
|   | 10    | 21725    | 8   | HEX NUT,1/2",NC                                 |
|   | 11    | 28735    | 2   | GROUND ROLLER ADJ BRKT, STD DTY                 |
|   | 12    | 06520028 | 2   | BEARING,FLANGE,1-3/8",GRNDRLR                   |
|   | 13    | 06520027 | 2   | CAP,BEARING,GRNDRLR                             |
|   | 14    | 06520029 | 2   | O-RING,2-3/4" X 3/32",AS568A-148                |
|   | 15    | 06530001 | 12  | CAPSCREW,SKT HD,8-32 X 1/2",SS                  |
|   | 16    | TF1045B  | 2   | STUB SHAFT, GROUND ROLLER                       |
|   | 17    | 28738    | 1   | GROUND ROLLER,75"                               |
|   | 18    | 6T2330   | 8   | CAPSCREW,SKT HD,7/16" X 1-1/2",NC               |
|   | 19    | 6T2331   | 8   | CAPSCREW,SKT HD,7/16" X 1",NC                   |
|   | 20    | 28086A   | 2   | SKID SHOE,STD DUTY REAR FLAIL                   |
|   | 21    | 30013    | 10  | PLOW BOLT,3/8" X 1-1/4",NC,GR5                  |
|   |       | 28747    | -   | CUTTERSHAFT ASSY,STANDARD (22, 23, 24, 25 & 26) |
|   |       | 28748    | -   | CUTTERSHAFT ASSY,SMOOTH (22, 23, 24, 25 & 37)   |
|   | 22    | 28643B   | 1   | CUTTERSHAFT,75"                                 |
|   | 23    | 33713    | 80  | FLAIL KNIVES (STANDARD CUT)                     |
|   | 24    | TF1020   | 40  | KNIFE MTG CLEVIS,FLAIL                          |
|   | 25    | 34011    | 40  | CAPSCREW,7/16" X 3-7/16",NC,GR8                 |
|   | 26    | 21677    | 40  | NYLOCK NUT,7/16",NC                             |
|   |       | 06200639 | -   | STRING GUARD KIT, SD (ITEMS 27,29,30)           |
|   | 27    | 33863    | 2   | STRING GUARD,STD                                |
|   | 28    | 28683    | 2   | BEARING,FLANGE,1-15/16",STD,TSF                 |
|   | 29    | 06530217 | 8   | CAPSCREW,1/2" X 2",NC,L9                        |
|   | 30    | 06533006 | 8   | FLATWASHER,1/2",SAE,L9                          |
|   | 31    | 21732    | 2   | CAPSCREW,1/2" X 1-3/4",NC                       |
|   | 32    | TF1029   | 1   | BAR,FLAP,TSF/TBF,75"                            |
|   | 33    | TF1016   | 1   | FLAP,DEFLECTOR,TSF,75"                          |
|   | 35    | 21632    | 22  | CAPSCREW,3/8" X 1-1/2",NC                       |
|   | 36    | 22016    | 46  | FLATWASHER,3/8"                                 |
| ١ | 37    | 28184A   | 40  | FLAIL KNIVES (SMOOTH CUT)                       |
| ١ |       |          |     |                                                 |

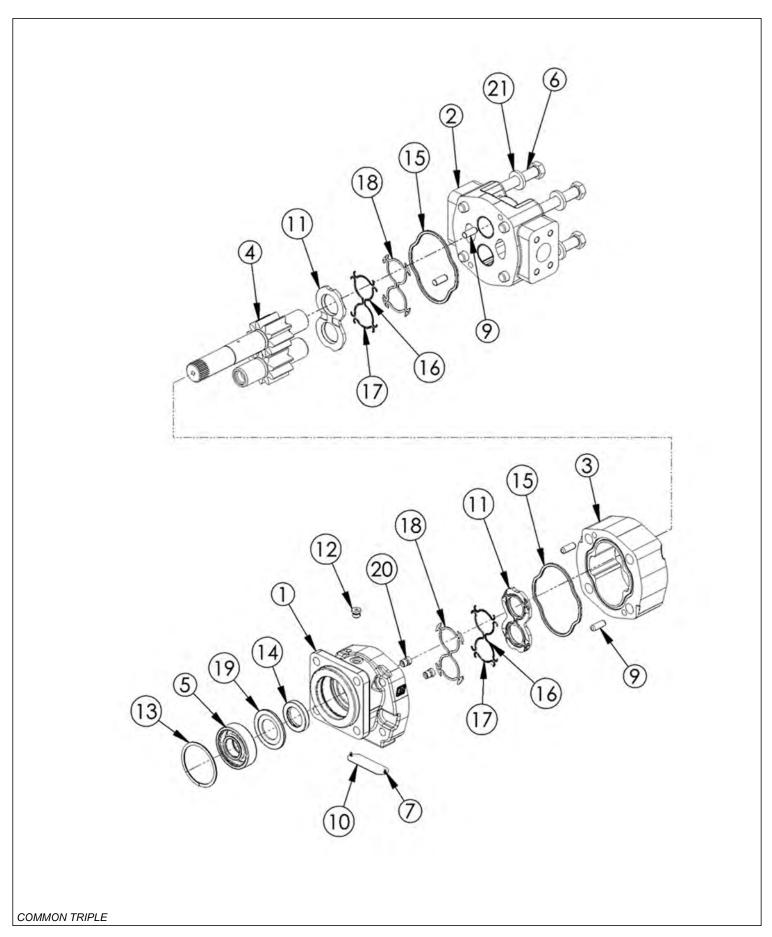
#### SUPER DUTY SIDE FLAIL DRIVE ASSY



# SUPER DUTY SIDE FLAIL DRIVE ASSY

| ITEM | PART NO. | QTY. | DESCRIPTION                          |
|------|----------|------|--------------------------------------|
| 1    |          | -    | BONNET *REFER TO HEAD PARTS          |
| 2    | 32287    | 1    | MOTOR CHANNEL (RIGHT FLAIL)          |
|      | 32286    | 1    | MOTOR CHANNEL (LEFT FLAIL)           |
| 3    | 21700    | 2    | HEX NUT, 1/2", NF                    |
| 4    | TF3620A  | 1    | SPRING,TENSIONER                     |
| 5    | 27938    | 1    | BUSHING,MACH,10DX1/2IDX14GA.         |
| 6    | 40496    | 1    | ROD,THREADED,1/2NFX8                 |
| 7    | PT3611A  | 1    | CLEVIS,6"                            |
| 8    | 06504065 | 1    | MOTOR, M350-1 GEAR                   |
| 9    | TF3041   | 1    | SHEAVE,6.7                           |
| 10   | TF3013   | 1    | BUSHING,QD,SK 1-1/4,1/4 KEY          |
| 11   | TF3040   | 1    | SHEAVE,6.3                           |
| 12   | 32252    | 2    | V-BELT,(470)                         |
| 13   | 28723    | 1    | BUSHING,QD,SK 1-15/16                |
| 14   | 32569    | 1    | GUARD,BELT, RH                       |
|      | 32568    | 1    | GUARD, BELT, LH                      |
| 15   | 21584    | 6    | CAPSCREW, 5/16 X 2,NC                |
| 16   | 21987    | 6    | LOCKWASHER, 5/16"                    |
| 17   | 06504028 | 1    | KEY (KEY FROM MOTOR)                 |
| 18   | 26142A   | 1    | KEY,1/2 X 1/2 X 2                    |
| 19   | 21732    | 5    | CAPSCREW, 1/2 X 1 3/4,NC             |
| 20   | 21990    | 5    | LOCKWASHER, 1/2"                     |
| 21   | 21725    | 5    | HEX NUT,1/2 NC                       |
| 22   | 21630    | 3    | CAPSCREW, 3/8 X 1,NC                 |
| 23   | 22016    | 2    | FLATWASHER,3/8"                      |
| 24   | 21988    | 4    | LOCKWASHER, 3/8"                     |
| 25   | 27580    | 2    | BEARING,DX,1-1/2",GRM                |
| 26   | 28682    | 1    | RETAINING,WASHER 2-1/2 X 5/16        |
| 27   | TB3031   | 1    | CLAMP,TUBE                           |
| 28   | 21638    | 1    | CAPSCREW,3/8" X 3",NC                |
| 29   | 22016    | 1    | FLATWASHER,3/8",GR8                  |
| 30   | 21625    | 1    | HEX NUT,3/8",NC                      |
| 31   | 34117    | 2    | ELBOW,1MOR X 1MJIC                   |
| 32   |          | -    | HOSE (RETURN FOR STANDARD ROTATION)  |
| 33   |          | -    | HOSE (PRESSURE OF STANDARD ROTATION) |

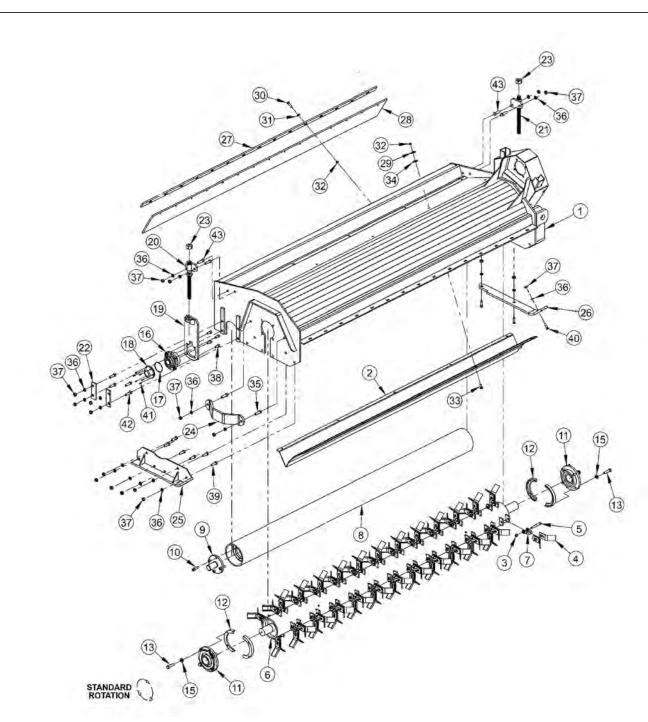
# SUPER DUTY SIDE FLAIL MOTOR BREAKDOWN



# SUPER DUTY SIDE FLAIL MOTOR BREAKDOWN

| ITEM | PART NO.  | QTY. | DESCRIPTION                                |
|------|-----------|------|--------------------------------------------|
|      | 06504065  | -    | MOTOR ASSEMBLY 350 - TSF                   |
| 1    | 06504039  | 1    | SHAFT END COVER                            |
| 2    | 06504060  | 1    | PORT END COVER                             |
| 3    | 06504055  | 1    | GEAR HOUSING                               |
| 4    | 06504056  | 1    | MATCHED GEAR SET                           |
| 5    | TF4402    | 1    | BALL BEARING                               |
| 6    | 06504057  | 4    | CAP SCREW                                  |
| 7    | 06504044  | 2    | SET SCREW                                  |
| 9    | 06504045  | 4    | DOWEL PIN                                  |
| 10   |           | 1    | NAMEPLATE                                  |
| 11   | 763759    | 2    | THRUSTPLATE                                |
| 12   | 02961940  | 1    | HEX PLUG                                   |
| 13   | TF4401    | 1    | SNAP RING                                  |
| 14   | 06504049  | 1    | LIP SEAL (INCLUDED IN SEAL KIT)            |
| 15   | TF4410    | 2    | GASKET SEAL (INCLUDED IN SEAL KIT)         |
| 16   | 06504046  | 4    | SIDE SEAL (INCLUDED IN SEAL KIT)           |
| 17   | 06504047  | 4    | END SEAL (INCLUDED IN SEAL KIT)            |
| 18   | TF4407    | 2    | BACK-UP SEAL (INCLUDED IN SEAL KIT)        |
| 19   | 029661932 | 1    | SEAL RETAINER                              |
| 20   | 6T5809    | 2    | CHECK ASSEMBLY                             |
| 21   | 02961917  | 4    | WASHER                                     |
|      | 06504023  | -    | SEAL KIT (INCLUDES 14, 15, 16, 17, AND 18) |

#### **EXTREME DUTY 60IN SIDE FLAIL - STD ROT**

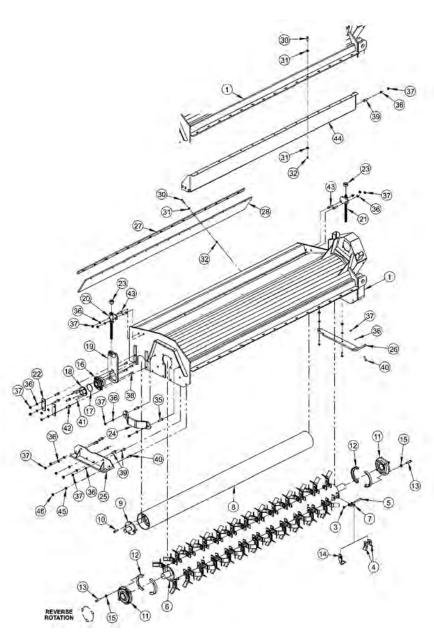


| ITEM          | PART NO. | QTY. | DESCRIPTION                                         |  |
|---------------|----------|------|-----------------------------------------------------|--|
| 1             | 33913    | 1    | BONNET,60,HD,T3F (RIGHT FLAIL)                      |  |
|               | 06320015 | 1    | BONNET,60,HD,T3F (LEFT FLAIL)                       |  |
| 2             | TF1802A  | 1    | BAFFLE,FLAIL,60HD,STD ROT                           |  |
|               | TF1807A  | -    | CUTSHFT ASSY,60HD,STD KNIVES (ITEMS 3, 4, 5, 6 & 7) |  |
| 3             | 21677    | 32   | NYLOCK NUT,7/16 NC                                  |  |
| 4             | 33714    | 64   | KNIFE,FLAIL,STANDARD                                |  |
|               |          |      |                                                     |  |
|               |          |      |                                                     |  |
| COMMON TRIPLE |          |      |                                                     |  |

# **EXTREME DUTY 60IN SIDE FLAIL - STD ROT**

| ITEM | PART NO. | QTY. | DESCRIPTION                         |
|------|----------|------|-------------------------------------|
| 5    | 34011    | 32   | CAPSCREW,7/16X3 7/16,NC GR8         |
| 6    | TF1807   | 1    | CUTTERSHAFT,60,HD                   |
| 7    | TF1020   | 32   | KNIFE MTG CLEVIS,FLAIL              |
| 8    | 30277    | 1    | GROUND ROLLER,60                    |
| 9    | TF1045B  | 2    | STUB SHAFT, GROUND ROLLER           |
| 10   | 6T2330   | 8    | CAPSCREW,SKT HD,7/16X1-1/2NC        |
| 11   | TF1018   | 2    | BEARING,FLANGE,2-3/16               |
|      | 06200347 | -    | STRING GUARD,KIT,HD(ITEMS 12,13,15) |
| 12   | 31204    | 2    | STRING GUARD, HD                    |
| 13   | 06530217 | 8    | CAPSCREW,1/2 X 2,NC,L9              |
| 15   | 06533006 | 8    | FLATWASHER,1/2,SAE,L9               |
| 16   | 06520028 | 2    | BEARING,FLANGE,1 3/8,GRNDRLR        |
| 17   | 06520029 | 2    | O-RING,2 3/4X3/32,AS568A-148        |
| 18   | 06520027 | 2    | CAP,BEARING,GRNDRLR                 |
| 19   | TF4333A  | 2    | GROUND ROLLER ADJ,BRKT              |
| 20   | TF4334   | 1    | ROD,GROUND ROLLER ADJ,RT            |
| 21   | TF4335   | 1    | ROD,GROUND ROLLER ADJ,LF            |
| 22   | TF4336   | 4    | PLATE,GROUND ROLLER LOCK            |
| 23   | 21399    | 2    | HEX NUT,3/4 (ACME) BULK             |
| 24   | TF1040   | 1    | GUARD,CUTTER SHAFT                  |
| 25   | TF4371   | 1    | SKID SHOE,OUTER (RIGHT FLAIL)       |
|      | TF4370   | 1    | SKID SHOE,OUTER (LEFT FLAIL)        |
| 26   | 23272A   | 1    | SKID SHOE,INNER (RIGHT FLAIL)       |
|      | 27526    | 1    | SKID SHOE,INNER (LEFT FLAIL)        |
| 27   | TF1803   | 1    | BAR,FLAP,TSF/TRF 60                 |
| 28   | TF1804   | 1    | FLAP,DEFLECTOR,TSF/TRF 60           |
| 29   | 21988    | 10   | LOCKWASHER,3/8                      |
| 30   | 21632    | 10   | CAPSCREW,3/8 X 1-1/2 NC             |
| 31   | 22016    | 10   | FLATWASHER,3/8                      |
| 32   | 21625    | 18   | HEX NUT,3/8 NC                      |
| 33   | 6T2283   | 8    | CARRIAGE BOLT,3/8 X 1 NC            |
| 34   | 6T2615   | 8    | WASHER, FENDER 3/8                  |
| 35   | 21732    | 2    | CAPSCREW,1/2 X 1-3/4 NC             |
| 36   | 21990    | 23   | LOCKWASHER,1/2                      |
| 37   | 21725    | 23   | HEX NUT,1/2 NC                      |
| 38   | 6T2331   | 8    | CAPSCREW,SKT HD,7/16 X 1 NC         |
| 39   | 21730    | 6    | CAPSCREW,1/2 X 1-1/4 NC             |
| 40   | 23293    | 3    | PLOW,BOLT,1/2 X 1-3/4 NC            |
| 41   | 06530001 | 12   | CAPSCREW,SKT HD,8-32X1/2,SS         |
| 42   | 6T2291   | 8    | PLOW BOLT,1/2 X 2 NC GR5            |
| 43   | 21731    | 4    | CAPSCREW,1/2 X 1-1/2 NC             |
|      |          |      |                                     |

#### **EXTREME DUTY 60IN SIDE FLAIL - REV ROT**

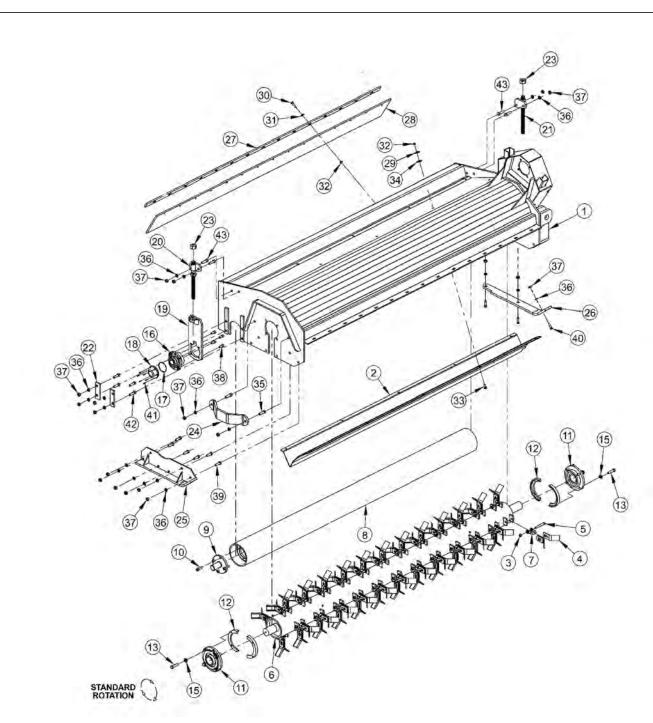


| ITEM | PART NO. | QTY. | DESCRIPTION                                             |
|------|----------|------|---------------------------------------------------------|
| 1    | 33913    | 1    | BONNET,60,HD,T3F (RIGHT FLAIL)                          |
|      | 06320015 | 1    | BONNET,60,HD,T3F (LEFT FLAIL)                           |
| 2    | TF1807A  | -    | CUTSHFT ASSY,60HD (STANDARD CUT) (ITEMS 3, 4, 5, 6 & 7) |
|      | TF1807B  | -    | CUTSHFT ASSY,60HD (SMOOTH CUT) (ITEMS 3, 5, 6, 7 & 14)  |
| 3    | 21677    | 32   | NYLOCK NUT,7/16 NC                                      |
| 4    | 33714    | 64   | KNIFE,FLAIL (STANDARD CUT)                              |
| 5    | 34011    | 32   | CAPSCREW,7/16X3 7/16,NC GR8                             |
| 6    | TF1807   | 1    | CUTTERSHAFT,60,HD                                       |
| 7    | TF1020   | 32   | KNIFE MTG CLEVIS,FLAIL                                  |
| 8    | 30277    | 1    | GROUND ROLLER,60                                        |
|      |          |      |                                                         |
|      |          |      |                                                         |

# **EXTREME DUTY 60IN SIDE FLAIL - REV ROT**

|   | ITEM | PART NO. | QTY. | DESCRIPTION                         |
|---|------|----------|------|-------------------------------------|
|   | 9    | TF1045B  | 2    | STUB SHAFT,GROUND ROLLER            |
|   | 10   | 6T2330   | 8    | CAPSCREW,SKT HD,7/16X1-1/2NC        |
|   | 11   | TF1018   | 2    | BEARING,FLANGE,2-3/16               |
|   |      | 06200347 | -    | STRING GUARD,KIT,HD(ITEMS 12,13,15) |
|   | 12   | 31204    | 2    | STRING GUARD, HD                    |
|   | 13   | 06530217 | 8    | CAPSCREW,1/2 X 2,NC,L9              |
|   | 14   | TF1019F  | 32   | KNIFE,FLAIL (SMOOTH CUT)            |
|   | 15   | 06533006 | 12   | FLATWASHER,1/2,SAE,L9               |
|   | 16   | 06520028 | 2    | BEARING,FLANGE,1 3/8,GRNDRLR        |
|   | 17   | 06520029 | 2    | O-RING,2 3/4X3/32,AS568A-148        |
|   | 18   | 06520027 | 2    | CAP,BEARING,GRNDRLR                 |
|   | 19   | TF4333A  | 2    | GROUND ROLLER ADJ,BRKT              |
|   | 20   | TF4334   | 1    | ROD,GROUND ROLLER ADJ,RT            |
|   | 21   | TF4335   | 1    | ROD,GROUND ROLLER ADJ,LF            |
|   | 22   | TF4336   | 4    | PLATE,GROUND ROLLER LOCK            |
|   | 23   | 21399    | 2    | HEX NUT,3/4 (ACME) BULK             |
|   | 24   | TF1040   | 1    | GUARD,CUTTER SHAFT                  |
|   | 25   | TF4371   | 1    | SKID SHOE, OUTER (RIGHT FLAIL)      |
|   |      | TF4370   | 1    | SKID SHOE, OUTER (LEFT FLAIL)       |
|   | 26   | 23272A   | 1    | SKID SHOE, INNER (RIGHT FLAIL)      |
|   |      | 27526    | 1    | SKID SHOE, INNER (LEFT FLAIL)       |
|   | 27   | TF1803   | 1    | BAR,FLAP,TSF/TRF 60                 |
|   | 28   | TF1804   | 1    | FLAP,DEFLECTOR,TSF/TRF 60           |
|   | 30   | 21632    | 20   | CAPSCREW,3/8 X 1-1/2 NC             |
|   | 31   | 22016    | 30   | FLATWASHER,3/8                      |
|   | 32   | 21625    | 20   | HEX NUT,3/8 NC                      |
|   | 35   | 21732    | 2    | CAPSCREW,1/2 X 1-3/4 NC             |
|   | 36   | 21990    | 23   | LOCKWASHER,1/2                      |
|   | 37   | 21725    | 23   | HEX NUT,1/2 NC                      |
|   | 38   | 6T2331   | 8    | CAPSCREW,SKT HD,7/16 X 1 NC         |
|   | 39   | 21730    | 6    | CAPSCREW,1/2 X 1-1/4 NC             |
|   | 40   | 23293    | 3    | PLOW,BOLT,1/2 X 1-3/4 NC            |
|   | 41   | 06530001 | 12   | CAPSCREW,SKT HD,8-32X1/2,SS         |
|   | 42   | 6T2291   | 8    | PLOW BOLT,1/2 X 2 NC GR5            |
|   | 43   | 21731    | 4    | CAPSCREW,1/2 X 1-1/2 NC             |
|   | 44   | TF1801   | 1    | TRASH GUARD,60REV ROT-HD            |
|   | 45   | 22018    | 1    | FLATWASHER,1/2,WIDE                 |
|   | 46   | 21727    | 1    | NYLOCK NUT,1/2 NC                   |
| ı |      |          |      |                                     |

# **EXTREME DUTY 75IN SIDE FLAIL - STD ROT**

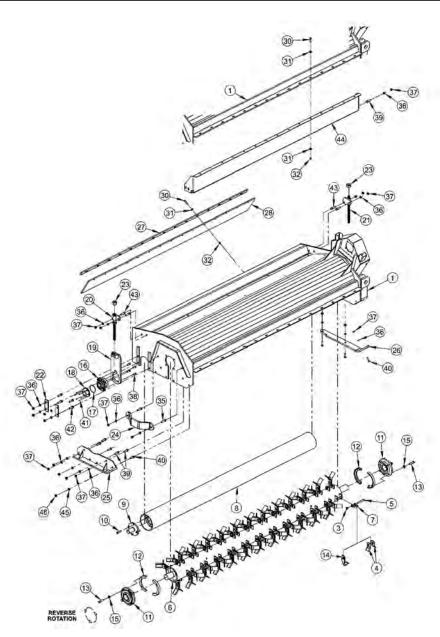


| ITEM   | PART NO. | QTY. | DESCRIPTION                                         |
|--------|----------|------|-----------------------------------------------------|
| 1      | 21499A   | 1    | BONNET,75,HD,T3F (RIGHT FLAIL)                      |
|        | 21478A   | 1    | BONNET,75,HD,T3F (LEFT FLAIL)                       |
| 2      | TF1402A  | 1    | BAFFLE,FLAIL,75HD,STD ROT                           |
|        | TF1002A  | -    | CUTSHFT ASSY,75HD,STD KNIVES (ITEMS 3, 4, 5, 6 & 7) |
| 3      | 21677    | 40   | NYLOCK NUT,7/16 NC                                  |
| 4      | 33714    | 80   | KNIFE,FLAIL,STANDARD                                |
|        |          |      |                                                     |
|        |          |      |                                                     |
| соммог | N TRIPLE |      |                                                     |

# **EXTREME DUTY 75IN SIDE FLAIL - STD ROT**

| ITEM | PART NO. | QTY. | DESCRIPTION                         |
|------|----------|------|-------------------------------------|
| 5    | 34011    | 40   | CAPSCREW,7/16X3 7/16,NC GR8         |
| 6    | TF1002   | 1    | CUTTERSHAFT,75,HD                   |
| 7    | TF1020   | 40   | KNIFE MTG CLEVIS,FLAIL              |
| 8    | 28738    | 1    | GROUND ROLLER,75                    |
| 9    | TF1045B  | 2    | STUB SHAFT,GROUND ROLLER            |
| 10   | 6T2330   | 8    | CAPSCREW,SKT HD,7/16X1-1/2NC        |
| 11   | TF1018   | 2    | BEARING,FLANGE,2-3/16               |
|      | 06200347 | -    | STRING GUARD,KIT,HD(ITEMS 12,13,15) |
| 12   | 31204    | 2    | STRING GUARD, HD                    |
| 13   | 06530217 | 8    | CAPSCREW,1/2 X 2,NC,L9              |
| 15   | 06533006 | 8    | FLATWASHER,1/2,SAE,L9               |
| 16   | 06520028 | 2    | BEARING,FLANGE,1 3/8,GRNDRLR        |
| 17   | 06520029 | 2    | O-RING,2 3/4X3/32,AS568A-148        |
| 18   | 06520027 | 2    | CAP,BEARING,GRNDRLR                 |
| 19   | TF4333A  | 2    | GROUND ROLLER ADJ,BRKT              |
| 20   | TF4334   | 1    | ROD,GROUND ROLLER ADJ,RT            |
| 21   | TF4335   | 1    | ROD,GROUND ROLLER ADJ,LF            |
| 22   | TF4336   | 4    | PLATE,GROUND ROLLER LOCK            |
| 23   | 21399    | 2    | HEX NUT,3/4 (ACME) BULK             |
| 24   | TF1040   | 1    | GUARD,CUTTER SHAFT                  |
| 25   | TF4371   | 1    | SKID SHOE,OUTER (RIGHT FLAIL)       |
|      | TF4370   | 1    | SKID SHOE,OUTER (LEFT FLAIL)        |
| 26   | 23272A   | 1    | SKID SHOE,INNER (RIGHT FLAIL)       |
|      | 27526    | 1    | SKID SHOE,INNER (LEFT FLAIL)        |
| 27   | TF1029   | 1    | BAR,FLAP,TSF/TRF 75                 |
| 28   | TF1016   | 1    | FLAP, DEFLECTOR, TSF/TRF 75         |
| 29   | 21988    | 10   | LOCKWASHER,3/8                      |
| 30   | 21632    | 13   | CAPSCREW,3/8 X 1-1/2 NC             |
| 31   | 22016    | 13   | FLATWASHER,3/8                      |
| 32   | 21625    | 23   | HEX NUT,3/8 NC                      |
| 33   | 6T2283   | 10   | CARRIAGE BOLT,3/8 X 1 NC            |
| 34   | 6T2615   | 10   | WASHER, FENDER 3/8                  |
| 35   | 21732    | 2    | CAPSCREW,1/2 X 1-3/4 NC             |
| 36   | 21990    | 23   | LOCKWASHER,1/2                      |
| 37   | 21725    | 23   | HEX NUT,1/2 NC                      |
| 38   | 6T2331   | 8    | CAPSCREW,SKT HD,7/16 X 1 NC         |
| 39   | 21730    | 6    | CAPSCREW,1/2 X 1-1/4 NC             |
| 40   | 23293    | 3    | PLOW,BOLT,1/2 X 1-3/4 NC            |
| 41   | 06530001 | 12   | CAPSCREW,SKT HD,8-32X1/2,SS         |
| 42   | 6T2291   | 8    | PLOW BOLT,1/2 X 2 NC GR5            |
| 43   | 21731    | 4    | CAPSCREW,1/2 X 1-1/2 NC             |
|      |          |      |                                     |

# **EXTREME DUTY 75IN SIDE FLAIL - REV ROT**

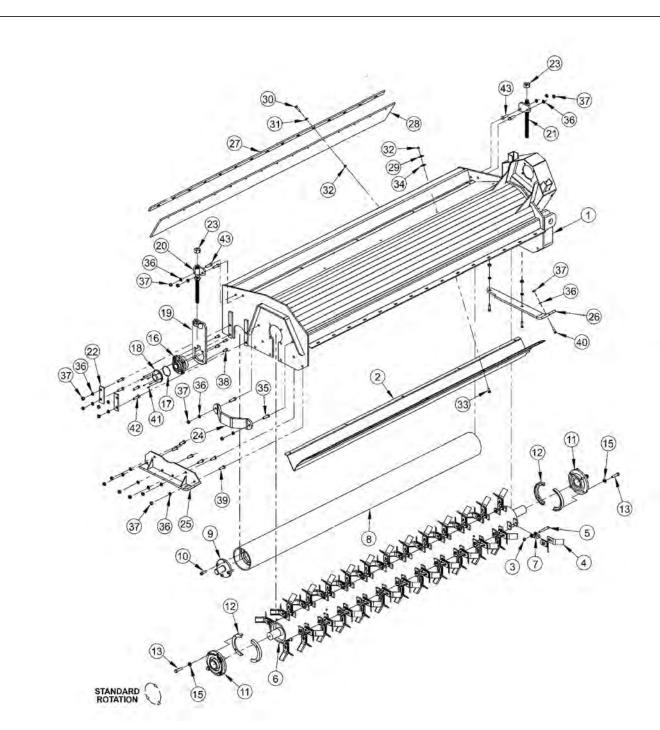


|   | ITEM | PART NO. | QTY. | DESCRIPTION                                             |
|---|------|----------|------|---------------------------------------------------------|
|   | 1    | 21499A   | 1    | BONNET,75,HD,T3F (RIGHT FLAIL)                          |
|   |      | 21478A   | 1    | BONNET,75,HD,T3F (LEFT FLAIL)                           |
|   | 2    | TF1002A  | -    | CUTSHFT ASSY,75HD (STANDARD CUT) (ITEMS 3, 4, 5, 6 & 7) |
|   |      | TF1002B  | -    | CUTSHFT ASSY,75HD (SMOOTH CUT) (ITEMS 3, 5, 6, 7 & 14)  |
|   | 3    | 21677    | 40   | NYLOCK NUT,7/16 NC                                      |
|   | 4    | 33714    | 80   | KNIFE,FLAIL (STANDARD CUT)                              |
|   | 5    | 34011    | 40   | CAPSCREW,7/16X3 7/16,NC GR8                             |
|   | 6    | TF1002   | 1    | CUTTERSHAFT,75,HD                                       |
|   | 7    | TF1020   | 40   | KNIFE MTG CLEVIS,FLAIL                                  |
|   | 8    | 28738    | 1    | GROUND ROLLER,75                                        |
|   |      |          |      |                                                         |
| ı |      |          |      |                                                         |

# **EXTREME DUTY 75IN SIDE FLAIL - REV ROT**

| ITEM | PART NO. | QTY. | DESCRIPTION                         |
|------|----------|------|-------------------------------------|
| 9    | TF1045B  | 2    | STUB SHAFT,GROUND ROLLER            |
| 10   | 6T2330   | 8    | CAPSCREW,SKT HD,7/16X1-1/2NC        |
| 11   | TF1018   | 2    | BEARING,FLANGE,2-3/16               |
|      | 06200347 | -    | STRING GUARD,KIT,HD(ITEMS 12,13,15) |
| 12   | 31204    | 2    | STRING GUARD, HD                    |
| 13   | 06530217 | 8    | CAPSCREW,1/2 X 2,NC,L9              |
| 14   | TF1019F  | 40   | KNIFE,FLAIL (SMOOTH CUT)            |
| 15   | 06533006 | 8    | FLATWASHER,1/2,SAE,L9               |
| 16   | 06520028 | 2    | BEARING,FLANGE,1 3/8,GRNDRLR        |
| 17   | 06520029 | 2    | O-RING,2 3/4X3/32,AS568A-148        |
| 18   | 06520027 | 2    | CAP,BEARING,GRNDRLR                 |
| 19   | TF4333A  | 2    | GROUND ROLLER ADJ,BRKT              |
| 20   | TF4334   | 1    | ROD,GROUND ROLLER ADJ,RT            |
| 21   | TF4335   | 1    | ROD,GROUND ROLLER ADJ,LF            |
| 22   | TF4336   | 4    | PLATE,GROUND ROLLER LOCK            |
| 23   | 21399    | 2    | HEX NUT,3/4 (ACME) BULK             |
| 24   | TF1040   | 1    | GUARD,CUTTER SHAFT                  |
| 25   | TF4371   | 1    | SKID SHOE, OUTER (RIGHT FLAIL)      |
|      | TF4370   | 1    | SKID SHOE, OUTER (LEFT FLAIL)       |
| 26   | 23272A   | 1    | SKID SHOE, INNER (RIGHT FLAIL)      |
|      | 27526    | 1    | SKID SHOE, INNER (LEFT FLAIL)       |
| 27   | TF1029   | 1    | BAR,FLAP,TSF/TRF 75                 |
| 28   | TF1016   | 1    | FLAP, DEFLECTOR, TSF/TRF 75         |
| 30   | 21632    | 26   | CAPSCREW, 3/8 X 1-1/2 NC            |
| 31   | 22016    | 39   | FLATWASHER,3/8                      |
| 32   | 21625    | 26   | HEX NUT,3/8 NC                      |
| 35   | 21732    | 2    | CAPSCREW,1/2 X 1-3/4 NC             |
| 36   | 21990    | 23   | LOCKWASHER,1/2                      |
| 37   | 21725    | 23   | HEX NUT,1/2 NC                      |
| 39   | 21730    | 6    | CAPSCREW,1/2 X 1-1/4 NC             |
| 40   | 23293    | 3    | PLOW,BOLT,1/2 X 1-3/4 NC            |
| 41   | 06530001 | 12   | CAPSCREW,SKT HD,8-32X1/2,SS         |
| 42   | 6T2291   | 8    | PLOW BOLT,1/2 X 2 NC GR5            |
| 43   | 21731    | 4    | CAPSCREW,1/2 X 1-1/2 NC             |
| 44   | TF1403   | 1    | TRASH GUARD,75REV ROT-HD            |
| 45   | 22018    | 1    | FLATWASHER,1/2,WIDE                 |
| 46   | 21727    | 1    | NYLOCK NUT,1/2 NC                   |
|      |          |      |                                     |

#### **EXTREME DUTY 90IN SIDE FLAIL - STD ROT**



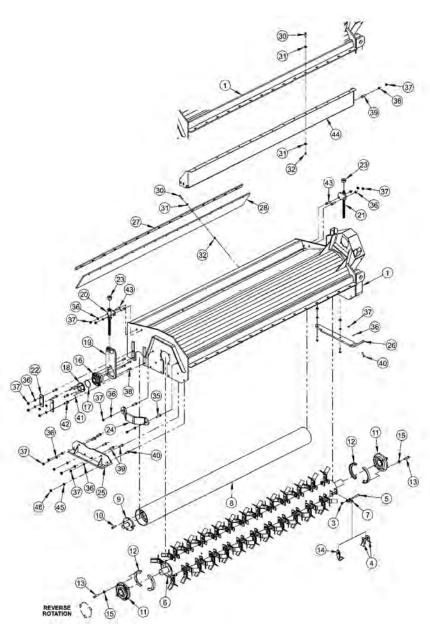
| ITEM   | PART NO.      | QTY. | DESCRIPTION                                         |  |  |  |
|--------|---------------|------|-----------------------------------------------------|--|--|--|
| 1      | 22083A        | 1    | BONNET,90,HD,T3F (RIGHT FLAIL)                      |  |  |  |
|        | 22084A        | 1    | BONNET,90,HD,T3F (LEFT FLAIL)                       |  |  |  |
| 2      | TF1502A       | 1    | BAFFLE,FLAIL,90HD,STD ROT                           |  |  |  |
|        | TF1102A       | -    | CUTSHFT ASSY,90HD,STD KNIVES (ITEMS 3, 4, 5, 6 & 7) |  |  |  |
| 3      | 21677         | 48   | NYLOCK NUT,7/16 NC                                  |  |  |  |
| 4      | 33714         | 96   | KNIFE,FLAIL,STANDARD                                |  |  |  |
|        |               |      |                                                     |  |  |  |
|        |               |      |                                                     |  |  |  |
| соммог | COMMON TRIPLE |      |                                                     |  |  |  |

# **EXTREME DUTY 90IN SIDE FLAIL - STD ROT**

#### Continued...

| ITEM | PART NO. | QTY. | DESCRIPTION                         |
|------|----------|------|-------------------------------------|
| 5    | 34011    | 48   | CAPSCREW,7/16X3 7/16,NC GR8         |
| 6    | TF1102   | 1    | CUTTERSHAFT,90,HD                   |
| 7    | TF1020   | 48   | KNIFE MTG CLEVIS,FLAIL              |
| 8    | 27972A   | 1    | GROUND ROLLER,90                    |
| 9    | TF1045B  | 2    | STUB SHAFT,GROUND ROLLER            |
| 10   | 6T2330   | 8    | CAPSCREW,SKT HD,7/16X1-1/2NC        |
| 11   | TF1018   | 2    | BEARING,FLANGE,2-3/16               |
|      | 06200347 | -    | STRING GUARD,KIT,HD(ITEMS 12,13,15) |
| 12   | 31204    | 2    | STRING GUARD, HD                    |
| 13   | 06530217 | 8    | CAPSCREW,1/2 X 2,NC,L9              |
| 15   | 06533006 | 8    | FLATWASHER,1/2,SAE,L9               |
| 16   | 06520028 | 2    | BEARING,FLANGE,1 3/8,GRNDRLR        |
| 17   | 06520029 | 2    | O-RING,2 3/4X3/32,AS568A-148        |
| 18   | 06520027 | 2    | CAP,BEARING,GRNDRLR                 |
| 19   | TF4333A  | 2    | GROUND ROLLER ADJ,BRKT              |
| 20   | TF4334   | 1    | ROD,GROUND ROLLER ADJ,RT            |
| 21   | TF4335   | 1    | ROD,GROUND ROLLER ADJ,LF            |
| 22   | TF4336   | 4    | PLATE,GROUND ROLLER LOCK            |
| 23   | 21399    | 2    | HEX NUT,3/4 (ACME) BULK             |
| 24   | TF1040   | 1    | GUARD,CUTTER SHAFT                  |
| 25   | TF4371   | 1    | SKID SHOE, OUTER (RIGHT FLAIL)      |
|      | TF4370   | 1    | SKID SHOE, OUTER (LEFT FLAIL)       |
| 26   | 23272A   | 1    | SKID SHOE, INNER (RIGHT FLAIL)      |
|      | 27526    | 1    | SKID SHOE, INNER (LEFT FLAIL)       |
| 27   | TF1135   | 1    | BAR,FLAP,TSF/TRF 90                 |
| 28   | TF1116   | 1    | FLAP, DEFLECTOR, TSF/TRF 90         |
| 29   | 21988    | 10   | LOCKWASHER,3/8                      |
| 30   | 21632    | 15   | CAPSCREW, 3/8 X 1-1/2 NC            |
| 31   | 22016    | 15   | FLATWASHER,3/8                      |
| 32   | 21625    | 25   | HEX NUT,3/8 NC                      |
| 33   | 6T2283   | 10   | CARRIAGE BOLT,3/8 X 1 NC            |
| 34   | 6T2615   | 10   | WASHER, FENDER 3/8                  |
| 35   | 21732    | 2    | CAPSCREW,1/2 X 1-3/4 NC             |
| 36   | 21990    | 23   | LOCKWASHER,1/2                      |
| 37   | 21725    | 23   | HEX NUT,1/2 NC                      |
| 38   | 6T2331   | 8    | CAPSCREW,SKT HD,7/16 X 1 NC         |
| 39   | 21730    | 6    | CAPSCREW,1/2 X 1-1/4 NC             |
| 40   | 23293    | 3    | PLOW,BOLT,1/2 X 1-3/4 NC            |
| 41   | 06530001 | 12   | CAPSCREW,SKT HD,8-32X1/2,SS         |
| 42   | 6T2291   | 8    | PLOW BOLT,1/2 X 2 NC GR5            |
| 43   | 21731    | 4    | CAPSCREW,1/2 X 1-1/2 NC             |
|      |          |      |                                     |

# **EXTREME DUTY 90IN SIDE FLAIL - REV ROT**



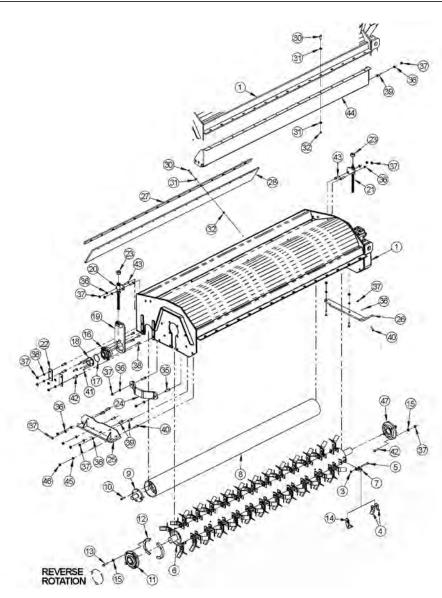
| l |      |          |      |                                                         |
|---|------|----------|------|---------------------------------------------------------|
|   | ITEM | PART NO. | QTY. | DESCRIPTION                                             |
|   | 1    | 22083A   | 1    | BONNET,90,HD,ASSY (RIGHT FLAIL)                         |
|   |      | 22084A   | 1    | BONNET,90,HD,ASSY (LEFT FLAIL)                          |
|   | 2    | TF1102A  | -    | CUTSHFT ASSY,90HD (STANDARD CUT) (ITEMS 3, 4, 5, 6 & 7) |
|   |      | TF1102B  | -    | CUTSHFT ASSY,90HD (SMOOTH CUT) (ITEMS 3, 5, 6, 7 & 14)  |
|   | 3    | 21677    | 48   | NYLOCK NUT,7/16 NC                                      |
|   | 4    | 33714    | 96   | KNIFE,FLAIL (STANDARD CUT)                              |
|   | 5    | 34011    | 48   | CAPSCREW,7/16X3 7/16,NC GR8                             |
|   | 6    | TF1102   | 1    | CUTTERSHAFT,90,HD                                       |
|   | 7    | TF1020   | 48   | KNIFE MTG CLEVIS,FLAIL                                  |
|   | 8    | 27972A   | 1    | GROUND ROLLER,90                                        |
|   |      |          |      |                                                         |
|   |      |          |      |                                                         |

# **EXTREME DUTY 90IN SIDE FLAIL - REV ROT**

#### Continued...

| ITEM | PART NO. | QTY. | DESCRIPTION                           |
|------|----------|------|---------------------------------------|
| 9    | TF1045B  | 2    | STUB SHAFT, GROUND ROLLER             |
| 10   | 6T2330   | 8    | CAPSCREW,SKT HD,7/16X1-1/2NC          |
| 11   | TF1018   | 2    | BEARING,FLANGE,2-3/16                 |
|      | 06200347 | -    | STRING GUARD, KIT, HD(ITEMS 12,13,15) |
| 12   | 31204    | 2    | STRING GUARD, HD                      |
| 13   | 06530217 | 8    | CAPSCREW,1/2 X 2,NC,L9                |
| 14   | TF1019F  | 48   | KNIFE,FLAIL (SMOOTH CUT)              |
| 15   | 06533006 | 8    | FLATWASHER,1/2,SAE,L9                 |
| 16   | 06520028 | 2    | BEARING,FLANGE,1 3/8,GRNDRLR          |
| 17   | 06520029 | 2    | O-RING,2 3/4X3/32,AS568A-148          |
| 18   | 06520027 | 2    | CAP,BEARING,GRNDRLR                   |
| 19   | TF4333A  | 2    | GROUND ROLLER ADJ,BRKT                |
| 20   | TF4334   | 1    | ROD,GROUND ROLLER ADJ,RT              |
| 21   | TF4335   | 1    | ROD,GROUND ROLLER ADJ,LF              |
| 22   | TF4336   | 4    | PLATE,GROUND ROLLER LOCK              |
| 23   | 21399    | 2    | HEX NUT,3/4 (ACME) BULK               |
| 24   | TF1040   | 1    | GUARD,CUTTER SHAFT                    |
| 25   | TF4371   | 1    | SKID SHOE, OUTER (RIGHT FLAIL)        |
|      | TF4370   | 1    | SKID SHOE, OUTER (LEFT FLAIL)         |
| 26   | 23272A   | 1    | SKID SHOE, INNER (RIGHT FLAIL)        |
|      | 27526    | 1    | SKID SHOE, INNER (LEFT FLAIL)         |
| 27   | TF1135   | 1    | BAR,FLAP,TSF/TRF 90                   |
| 28   | TF1116   | 1    | FLAP,DEFLECTOR,TSF/TRF 90             |
| 30   | 21632    | 30   | CAPSCREW,3/8 X 1-1/2 NC               |
| 31   | 22016    | 45   | FLATWASHER,3/8                        |
| 32   | 21625    | 30   | HEX NUT,3/8 NC                        |
| 35   | 21732    | 2    | CAPSCREW,1/2 X 1-3/4 NC               |
| 36   | 21990    | 23   | LOCKWASHER,1/2                        |
| 37   | 21725    | 23   | HEX NUT,1/2 NC                        |
| 38   | 6T2331   | 8    | CAPSCREW,SKT HD,7/16 X 1 NC           |
| 39   | 21730    | 6    | CAPSCREW,1/2 X 1-1/4 NC               |
| 40   | 23293    | 3    | PLOW,BOLT,1/2 X 1-3/4 NC              |
| 41   | 06530001 | 12   | CAPSCREW,SKT HD,8-32X1/2,SS           |
| 42   | 6T2291   | 8    | PLOW BOLT,1/2 X 2 NC GR5              |
| 43   | 21731    | 4    | CAPSCREW,1/2 X 1-1/2 NC               |
| 44   | TF1503   | 1    | TRASH GUARD,90REV ROT-HD              |
| 45   | 22018    | 1    | FLATWASHER,1/2,WIDE                   |
| 46   | 21727    | 1    | NYLOCK NUT,1/2 NC                     |
|      |          |      |                                       |

#### **DIRECT DRIVE 90IN SIDE FLAIL - REV ROT**



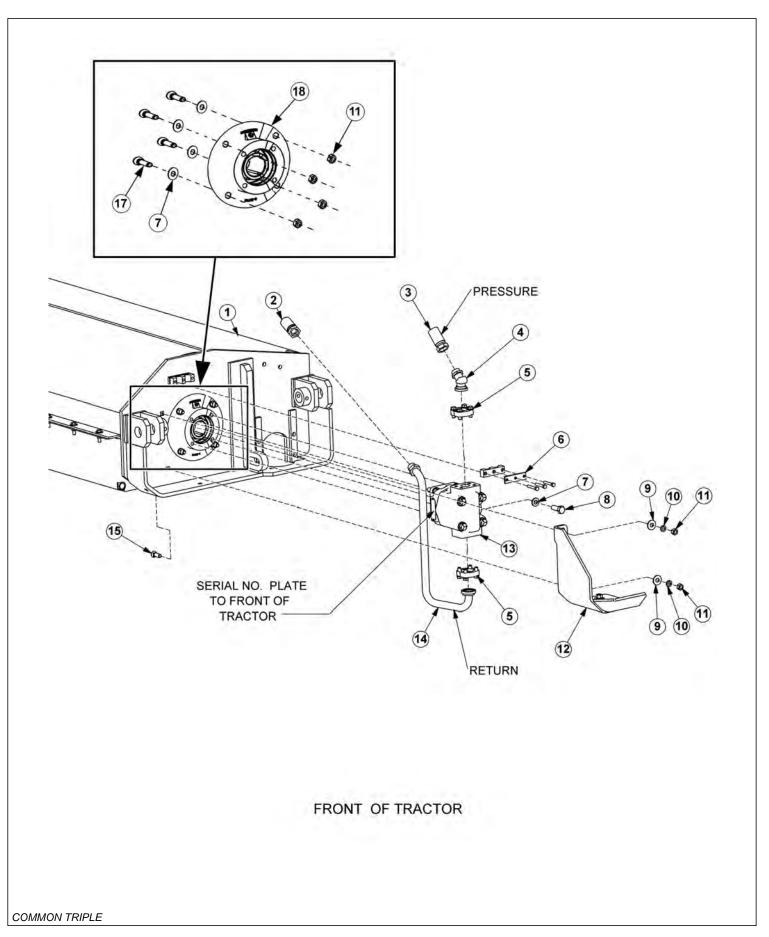
|   | ITEM | PART NO.  | QTY. | DESCRIPTION                          |
|---|------|-----------|------|--------------------------------------|
|   | 1    | 06320032  | 1    | BONNET,90, HD, TDF, DD (RIGHT FLAIL) |
|   | *    | 06320035  | 1    | BONNET,90,HD, TDF, DD (LEFT FLAIL)   |
|   | 2    | 063700063 | -    | CUTSHFT ASSY,90HD DD, STD            |
|   | *    | 06700075  | -    | CUTSHFT ASSY,90HD, SMC, RH           |
|   |      | 06700081  | -    | CUTTERSHAFT, ASSY, 90HD, DD, SMC, LH |
|   | 3    | 21677     | 48   | NYLOCK NUT,7/16 NC                   |
|   | 4    | 33714     | 96   | KNIFE,FLAIL (STANDARD CUT)           |
|   | 5    | 34011     | 48   | CAPSCREW,7/16X3 7/16,NC GR8          |
|   | 6    | 06320052  | 1    | CUTTERSHAFT,90, DD, INSERT           |
|   | 7    | TF1020    | 48   | KNIFE MTG CLEVIS,FLAIL               |
|   | 8    | 27972A    | 1    | GROUND ROLLER,90                     |
|   | 9    | TF1045B   | 2    | STUB SHAFT, GROUND ROLLER            |
| ı |      |           |      |                                      |

# **DIRECT DRIVE 90IN SIDE FLAIL - REV ROT**

#### Continued...

| ITEM | PART NO. | QTY. | DESCRIPTION                         |
|------|----------|------|-------------------------------------|
| 10   | 6T2330   | 8    | CAPSCREW,SKT HD,7/16X1-1/2NC        |
| 11   | TF1018   | 2    | BEARING,FLANGE,2-3/16               |
|      | 06200347 | -    | STRING GUARD,KIT,HD(ITEMS 12,13,15) |
| 12   | 31204    | 2    | STRING GUARD, HD                    |
| 13   | 06530217 | 8    | CAPSCREW,1/2 X 2,NC,L9              |
| 14   | TF1019F  | 48   | KNIFE,FLAIL (SMOOTH CUT)            |
| 15   | 06533006 | 12   | FLATWASHER,1/2,SAE,L9               |
| 16   | 06520028 | 2    | BEARING,FLANGE,1 3/8,GRNDRLR        |
| 17   | 06520029 | 2    | O-RING,2 3/4X3/32,AS568A-148        |
| 18   | 06520027 | 2    | CAP,BEARING,GRNDRLR                 |
| 19   | TF4333A  | 2    | GROUND ROLLER ADJ,BRKT              |
| 20   | TF4334   | 1    | ROD,GROUND ROLLER ADJ,RT            |
| 21   | TF4335   | 1    | ROD,GROUND ROLLER ADJ,LF            |
| 22   | TF4336   | 4    | PLATE,GROUND ROLLER LOCK            |
| 23   | 21399    | 2    | HEX NUT,3/4 (ACME) BULK             |
| 24   | TF1040   | 1    | GUARD,CUTTER SHAFT                  |
| 25   | TF4371   | 1    | SKID SHOE, OUTER (RIGHT FLAIL)      |
| *    | TF4370   | 1    | SKID SHOE, OUTER (LEFT FLAIL)       |
| 26   | 23272A   | 1    | SKID SHOE, INNER (RIGHT FLAIL)      |
| *    | 27526    | 1    | SKID SHOE, INNER (LEFT FLAIL)       |
| 27   | TF1135   | 1    | BAR,FLAP,TSF/TRF 90                 |
| 28   | TF1116   | 1    | FLAP,DEFLECTOR,TSF/TRF 90           |
| 29   | 06520243 | 1    | FLAP,90",FRONT                      |
| 30   | 21632    | 30   | CAPSCREW,3/8 X 1-1/2 NC             |
| 31   | 22016    | 60   | FLATWASHER,3/8                      |
| 32   | 21625    | 40   | HEX NUT,3/8 NC                      |
| 33   | 6T2283   | 10   | CARRIAGE BOLT,3/8 X 1 NC            |
| 34   | 6T2615   | 10   | WASHER, FENDER 3/8                  |
| 35   | 21732    | 2    | CAPSCREW,1/2 X 1-3/4 NC             |
| 36   | 21990    | 23   | LOCKWASHER,1/2                      |
| 37   | 21725    | 23   | HEX NUT,1/2 NC                      |
| 38   | 6T2331   | 8    | CAPSCREW,SKT HD,7/16 X 1 NC         |
| 39   | 21730    | 6    | CAPSCREW,1/2 X 1-1/4 NC             |
| 40   | 23293    | 3    | PLOW,BOLT,1/2 X 1-3/4 NC            |
| 41   | 06530001 | 12   | CAPSCREW,SKT HD,8-32X1/2,SS         |
| 42   | 6T2291   | 8    | PLOW BOLT,1/2 X 2 NC GR5            |
| 43   | 21731    | 4    | CAPSCREW,1/2 X 1-1/2 NC             |
| 44   | TF1503   | 1    | TRASH GUARD,90REV ROT-HD            |
| 45   | 22018    | 1    | FLATWASHER,1/2,WIDE                 |
| 46   | 21727    | 1    | NYLOCK NUT,1/2 NC                   |
| 47   | 06520190 | 1    | BEARING, W/HSNG, 2/19, DRIVE,DD     |
|      |          |      |                                     |

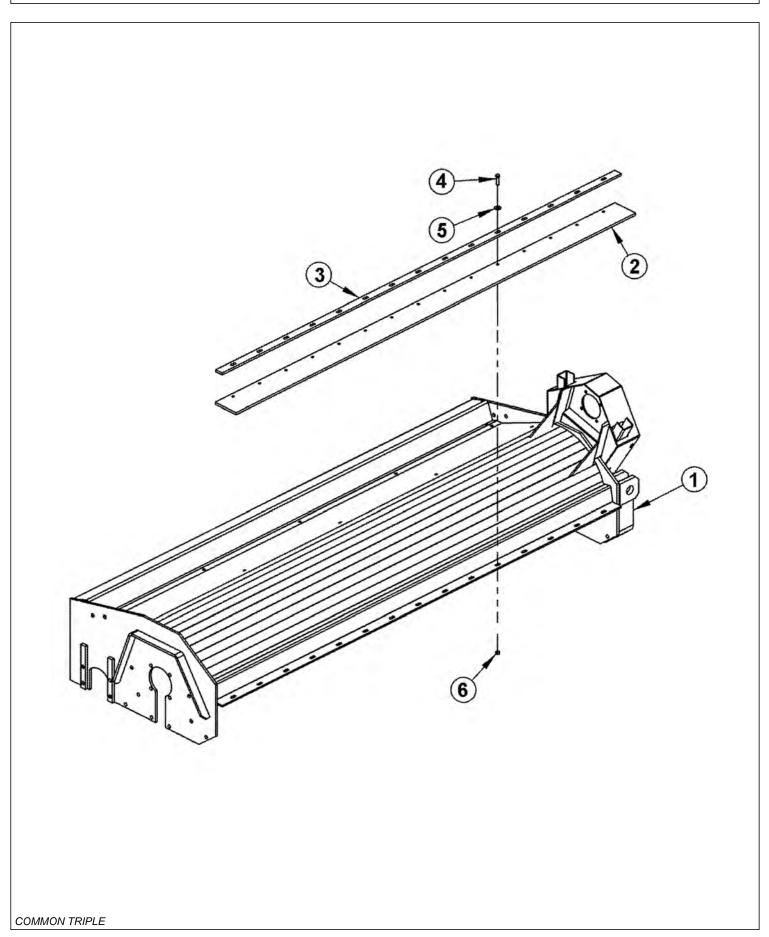
#### DIRECT DRIVE 90IN SIDE FLAIL -RH MOTOR AND HOSES



# DIRECT DRIVE 90IN SIDE FLAIL -RH MOTOR AND HOSES

| ITEM | PART NO. | QTY. | DESCRIPTION                           |
|------|----------|------|---------------------------------------|
| 1    |          | -    | BONNET *REFER TO BONNET ASSY          |
| 2    | 06500394 | 1    | HOSE,1" X 120" (RETURN)               |
| 3    | 06500385 | 1    | HOSE,1" X 117" (PRESSURE)             |
| 4    | 06503058 | 1    | ELBOW,1 1/4" FLG 45° X 1"MJ           |
| 5    | TF4852   | 2    | KIT,FLANGE, 1 1/4"                    |
| 6    | 06505014 | 1    | CLAMP KIT                             |
| 7    | 06533006 | 8    | FLATWASHER,1/2",SAE,L9                |
| 8    | 06530218 | 4    | CAPSCREW,1/2 X 1 3/4,NC,L9            |
| 9    | 22018    | 2    | FLATWASHER,1/2",WIDE                  |
| 10   | 21990    | 2    | LOCKWASHER,1/2"                       |
| 11   | 21725    | 6    | HEX NUT,1/2", NC                      |
| 12   | 06410500 | 1    | MOTOR GUARD,RH                        |
| 13   | 06504143 | 1    | MOTOR,DD                              |
| 14   | 06506035 | 1    | TUBE,PREFRMD,1 1/4"FLG 180° X 1"MJ,RH |
| 15   | 23293    | 2    | PLOW BOLT,1/2"X1-3/4",NC              |
| 17   | 6T2291   | 4    | PLOW BOLT, 1/2" X 2" NC GR5           |
| 18   | 06520190 | 1    | BEARING, W/HSNG 2.19, DRIVE DD        |

# FRONT FLAPS, XD FLAIL - STANDARD ROTATION

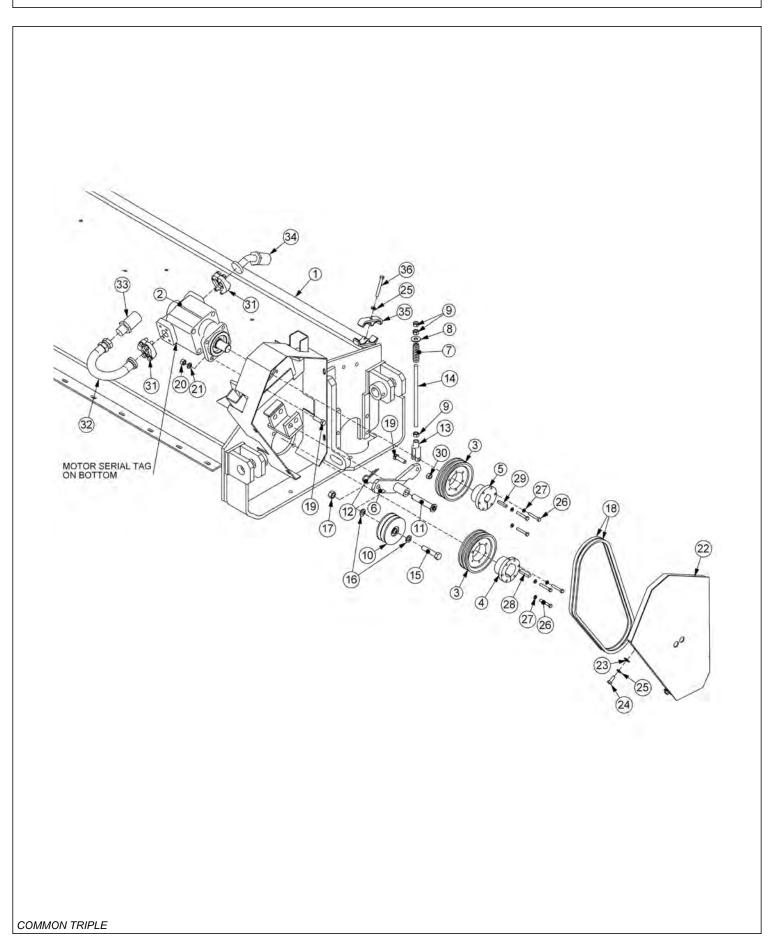


# FRONT FLAPS, XD FLAIL - STANDARD ROTATION

#### Continued...

| ITEM | PART NO. | QTY. | DESCRIPTION                            |
|------|----------|------|----------------------------------------|
| 1    |          | -    | BONNET *REFER TO HEAD ASSEMBLY         |
| 2    | 06520240 | 1    | FLAP,FRONT,60IN                        |
|      | 06520242 | 1    | FLAP,FRONT,75IN                        |
|      | 06520243 | 1    | FLAP,FRONT,90IN                        |
| 3    | TF1803   | 1    | BAR,FLAP,60IN                          |
|      | TF1029   | 1    | BAR,FLAP,75IN                          |
|      | TF1135   | 1    | BAR,FLAP,90IN                          |
| 4    | 21632    | 10   | CAPSCREW,3/8" X 1-1/2",NC (60IN FLAIL) |
|      |          | 13   | CAPSCREW,3/8" X 1-1/2",NC (75IN FLAIL) |
|      |          | 15   | CAPSCREW,3/8" X 1-1/2",NC (90IN FAIL)  |
| 5    | 22016    | 20   | FLATWASHER,3/8" (60IN FLAIL)           |
|      |          | 26   | FLATWASHER,3/8" (75IN FLAIL)           |
|      |          | 30   | FLATWASHER,3/8" (90IN FLAIL)           |
| 6    | 21625    | 10   | HEX NUT,3/8",NC (60IN FLAIL)           |
|      |          | 13   | HEX NUT,3/8",NC (75IN FLAIL)           |
|      |          | 15   | HEX NUT,3/8",NC (90IN FLAIL)           |

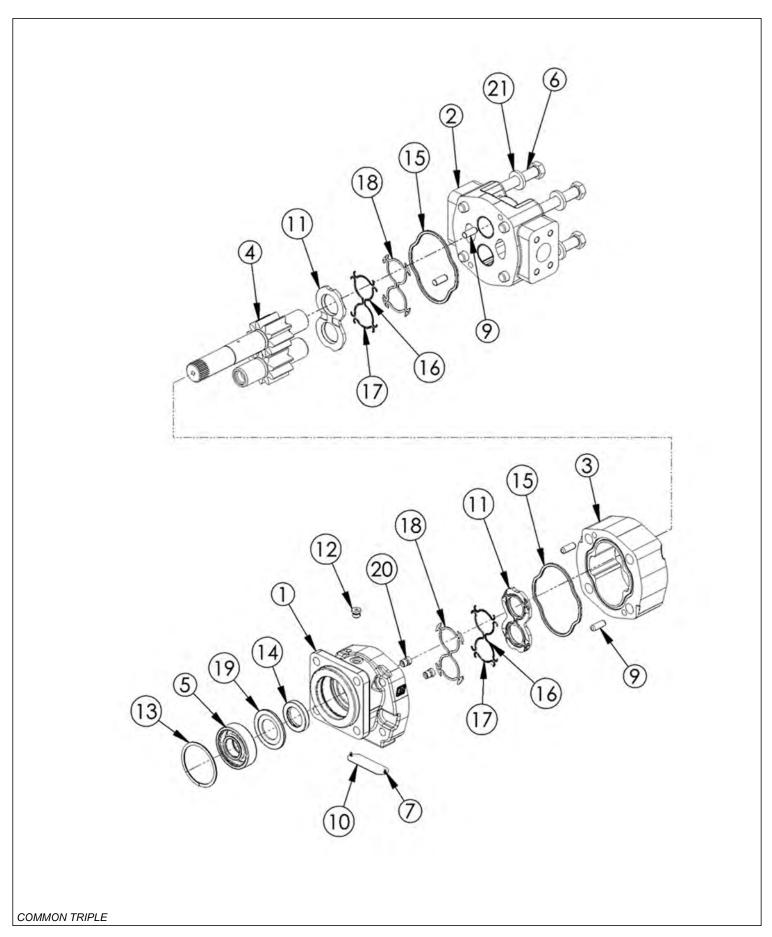
#### **EXTREME DUTY SIDE FLAIL DRIVE ASSY**



# EXTREME DUTY SIDE FLAIL DRIVE ASSY

| 1        -       BONNET *REFER TO FLAIL PARTS         2       06504066       1       MOTOR,T3F         3       TF3040       2       SHEAVE,6.3         4       TF3011       1       BUSHING,QD,SK,2-3/16"         5       TF3013       1       BUSHING,QD,SK 1-1/4"         6       TF4346       1       IDLER ARM (RIGHT FLAIL - STD ROT / LEFT FLAIL - REV ROT)          TF4345       -       IDLER ARM (RIGHT FLAIL - REV ROT / LEFT FLAIL - STD ROT)         7       TF3620A       1       SPRING,TENSIONER         8       22018       1       FLATWASHER,1/2",WIDE         9       21700       3       HEX NUT, 1/2", NF         10       31293       1       SHEAVE,IDLER ASSY, 4.4 O.D.         11       TF3605       1       PIN,IDLER ARM 3/4"X4-1/4" |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3 TF3040 2 SHEAVE,6.3 4 TF3011 1 BUSHING,QD,SK,2-3/16" 5 TF3013 1 BUSHING,QD,SK 1-1/4" 6 TF4346 1 IDLER ARM (RIGHT FLAIL - STD ROT / LEFT FLAIL - REV ROT) TF4345 - IDLER ARM (RIGHT FLAIL - REV ROT / LEFT FLAIL - STD ROT) 7 TF3620A 1 SPRING,TENSIONER 8 22018 1 FLATWASHER,1/2",WIDE 9 21700 3 HEX NUT, 1/2", NF 10 31293 1 SHEAVE,IDLER ASSY, 4.4 O.D.                                                                                                                                                                                                                                                                                                                                                                                                     |
| 4 TF3011 1 BUSHING,QD,SK,2-3/16" 5 TF3013 1 BUSHING,QD,SK 1-1/4" 6 TF4346 1 IDLER ARM (RIGHT FLAIL - STD ROT / LEFT FLAIL - REV ROT) TF4345 - IDLER ARM (RIGHT FLAIL - REV ROT / LEFT FLAIL - STD ROT) 7 TF3620A 1 SPRING,TENSIONER 8 22018 1 FLATWASHER,1/2",WIDE 9 21700 3 HEX NUT, 1/2", NF 10 31293 1 SHEAVE,IDLER ASSY, 4.4 O.D.                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 5 TF3013 1 BUSHING,QD,SK 1-1/4" 6 TF4346 1 IDLER ARM (RIGHT FLAIL - STD ROT / LEFT FLAIL - REV ROT) TF4345 - IDLER ARM (RIGHT FLAIL - REV ROT / LEFT FLAIL - STD ROT) 7 TF3620A 1 SPRING,TENSIONER 8 22018 1 FLATWASHER,1/2",WIDE 9 21700 3 HEX NUT, 1/2", NF 10 31293 1 SHEAVE,IDLER ASSY, 4.4 O.D.                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 6 TF4346 1 IDLER ARM (RIGHT FLAIL - STD ROT / LEFT FLAIL - REV ROT) TF4345 - IDLER ARM (RIGHT FLAIL - REV ROT / LEFT FLAIL - STD ROT) 7 TF3620A 1 SPRING,TENSIONER 8 22018 1 FLATWASHER,1/2",WIDE 9 21700 3 HEX NUT, 1/2", NF 10 31293 1 SHEAVE,IDLER ASSY, 4.4 O.D.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| TF4345 - IDLER ARM (RIGHT FLAIL - REV ROT / LEFT FLAIL - STD ROT) 7 TF3620A 1 SPRING,TENSIONER 8 22018 1 FLATWASHER,1/2",WIDE 9 21700 3 HEX NUT, 1/2", NF 10 31293 1 SHEAVE,IDLER ASSY, 4.4 O.D.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 7 TF3620A 1 SPRING,TENSIONER 8 22018 1 FLATWASHER,1/2",WIDE 9 21700 3 HEX NUT, 1/2", NF 10 31293 1 SHEAVE,IDLER ASSY, 4.4 O.D.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 8 22018 1 FLATWASHER,1/2",WIDE<br>9 21700 3 HEX NUT, 1/2", NF<br>10 31293 1 SHEAVE,IDLER ASSY, 4.4 O.D.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 9 21700 3 HEX NUT, 1/2", NF<br>10 31293 1 SHEAVE, IDLER ASSY, 4.4 O.D.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 10 31293 1 SHEAVE,IDLER ASSY, 4.4 O.D.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| · · · · · · · · · · · · · · · · · · ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 11 TF3605 1 PIN,IDLER ARM 3/4"X4-1/4"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 12 6T3004 1 R-CLIP (HAIRPIN COTTER, 3/16")                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 13 PT3611A 1 CLEVIS,6"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 14 32494 1 ROD, THREADED, 1/2-20NF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 15 21787 1 CAPSCREW,5/8" X 3", NC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 16 21992 2 LOCKWASHER, 5/8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 17 21775 1 HEX NUT, 5/8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 18 TF3020 2 V-BELT, (530)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 19 21732 5 CAPSCREW, 1/2 X 1 3/4,NC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 20 21725 4 HEX NUT, 1/2" NC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 21 21990 4 LOCKWASHER, 1/2"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 22 TF4564 1 BELT SHEILD (RIGHT)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| TF4565 1 BELT SHEILD (LEFT)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 23 22016 4 FLATWASHER,3/8"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 24 21630 4 CAPSCREW, 3/8 X 1,NC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 25 21988 5 LOCKWASHER, 3/8"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 26 21584 6 CAPSCREW, 5/16 X 2,NC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 27 21987 6 LOCKWASHER, 5/16"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 28 TF1025 1 KEY,1/4" X 1/2" X 1-7/8" SQ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 29 TF1125 1 KEY,3/8" X 1/2" X 1-7/8" SQ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 30 21727 1 NYLOCK NUT, 1/2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 31 TF4853 2 KIT,FLANGE,#16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 32 32920 1 PREFORMED TUBE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 33 HOSE (RETURN FOR STANDARD ROTATION)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 34 HOSE (PRESSURE FOR STANDARD ROTATION)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 35 TB3031 1 CLAMP,HOSE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 36 21638 1 CAPSCREW,3/8 X 3,NC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

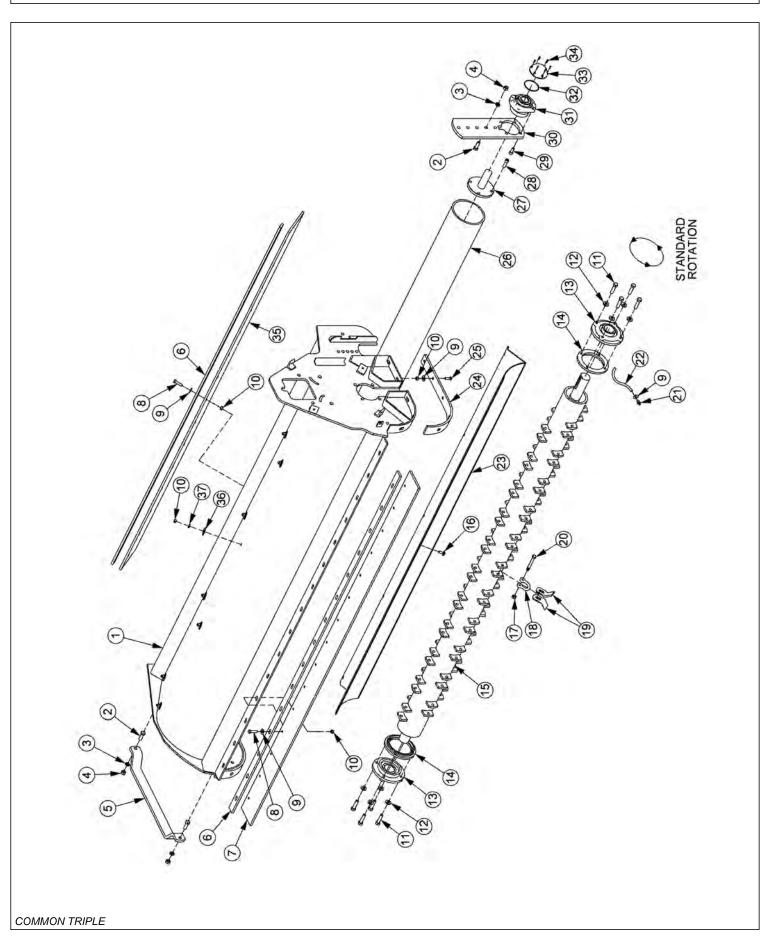
#### **EXTREME DUTY SIDE FLAIL MOTOR BREAKDOWN**



# EXTREME DUTY SIDE FLAIL MOTOR BREAKDOWN

| ITEM | PART NO. | QTY. | DESCRIPTION                                |
|------|----------|------|--------------------------------------------|
|      | 06504066 | -    | MOTOR ASSEMBLY 350 - TSF                   |
| 1    | 06504039 | 1    | SHAFT END COVER                            |
| 2    | 06504054 | 1    | PORT END COVER                             |
| 3    | 06504055 | 1    | GEAR HOUSING                               |
| 4    | 06504056 | 1    | MATCHED GEAR SET                           |
| 5    | TF4402   | 1    | BALL BEARING                               |
| 6    | 06504057 | 4    | CAP SCREW                                  |
| 7    | 06504044 | 2    | SET SCREW                                  |
| 9    | 06504045 | 4    | DOWEL PIN                                  |
| 10   |          | 1    | NAMEPLATE                                  |
| 11   | 22763759 | 2    | THRUSTPLATE                                |
| 12   | 02961940 | 1    | HEX PLUG                                   |
| 13   | TF4401   | 1    | SNAP RING                                  |
| 14   | 06504049 | 1    | LIP SEAL (INCLUDED IN SEAL KIT)            |
| 15   | TF4410   | 2    | GASKET SEAL (INCLUDED IN SEAL KIT)         |
| 16   | 06504046 | 4    | SIDE SEAL (INCLUDED IN SEAL KIT)           |
| 17   | 06504047 | 4    | END SEAL (INCLUDED IN SEAL KIT)            |
| 18   | TF4407   | 2    | BACK-UP SEAL (INCLUDED IN SEAL KIT)        |
| 19   | 02961932 | 1    | SEAL RETAINER                              |
| 20   | 6T5809   | 2    | CHECK ASSEMBLY                             |
| 21   | 02961917 | 4    | WASHER                                     |
|      | 06504023 | -    | SEAL KIT (INCLUDES 14, 15, 16, 17, AND 18) |

# **SUPER DUTY 75IN REAR FLAIL - STD ROT**

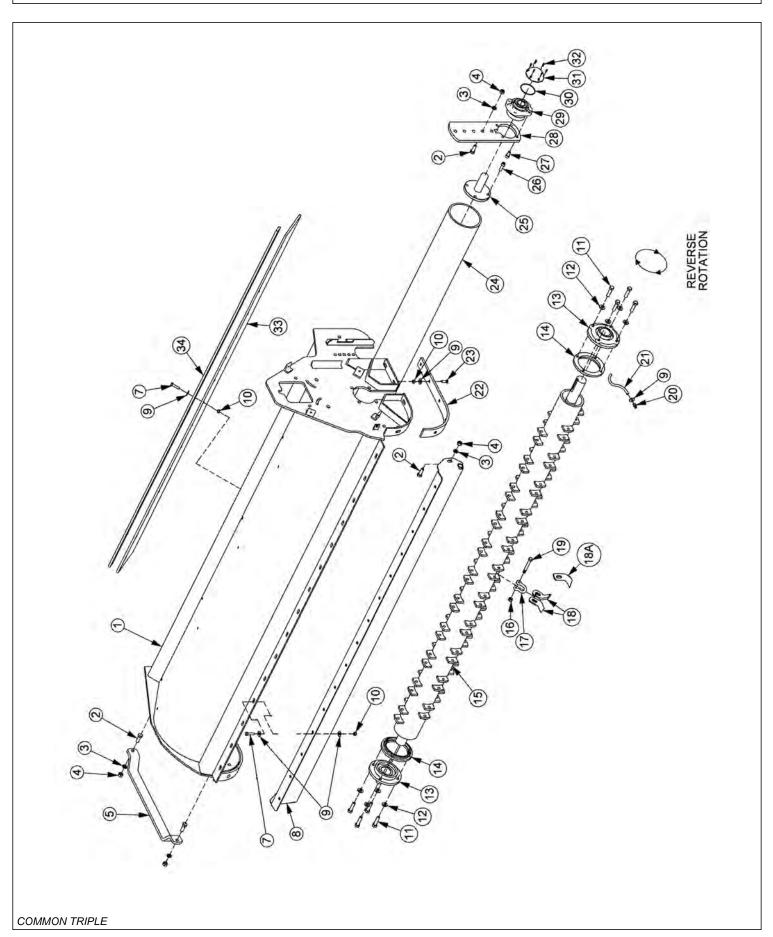


# **SUPER DUTY 75IN REAR FLAIL - STD ROT**

#### Continued...

| ITEM | PART NO. | QTY. | DESCRIPTION                                                 |
|------|----------|------|-------------------------------------------------------------|
|      | 06742090 | -    | 75" REAR FLAIL,SD,STD ROT                                   |
| 1    | 06320134 | 1    | BONNET,75",STD,ROSTA                                        |
| 2    | 21731    | 6    | CAPSCREW,1/2" X 1-1/2",NC                                   |
| 3    | 21990    | 6    | LOCKWASHER,1/2"                                             |
| 4    | 21725    | 6    | HEX NUT,1/2",NC                                             |
| 5    | 27975A   | 1    | GUARD,CUTTERSHAFT                                           |
| 6    | TF1029   | 2    | BAR,FLAP,TSF/TRF 75"                                        |
| 7    | 06520242 | 1    | FLAP,75",FRONT                                              |
| 8    | 21632    | 20   | CAPSCREW,3/8" X 1-1/2",NC                                   |
| 9    | 22016    | 37   | FLATWASHER,3/8",GR8                                         |
| 10   | 21625    | 46   | HEX NUT,3/8",NC                                             |
|      | 06200639 | -    | KIT,STRING GUARD (ITEMS 11, 12 & 14)                        |
| 11   | 06530217 | 8    | CAPSCREW,3/4" X 2-1/2",GR8,NC                               |
| 12   | 06533006 | 8    | FLATWASHER,1/2",SAE,L9                                      |
| 13   | 28683    | 2    | BEARING,FLANGE,1-15/16",STD                                 |
| 14   | 33863    | 2    | STRING GUARD,STD                                            |
|      | 28747    | -    | CUTTERSHAFT ASSY (STANDARD CUT) (ITEMS 15, 17, 18, 19 & 20) |
| 15   | 28643B   | 1    | CUTTERSHAFT,75"STD,W/EARS                                   |
| 16   | 6T2283   | 10   | CARRIAGE BOLT,3/8" X 1",NC                                  |
| 17   | 21677    | 40   | NYLOCK NUT,7/16",NC                                         |
| 18   | TF1020   | 40   | KNIFE MTG CLEVIS,FLAIL                                      |
| 19   | 33713    | 80   | KNIFE,FLAIL (STANDARD CUT)                                  |
| 20   | 34011    | 40   | CAPSCREW,7/16" X 3-7/16",GR8,NC                             |
| 21   | TF1033   | 1    | GREASE ZERK,1/8" FPT                                        |
| 22   | TF1032   | 1    | GRS HOSE,3/16" X 8"                                         |
| 23   | 28737    | 1    | BAFFLE,75",STD ROT-STD                                      |
| 24   | 28086A   | 2    | SKID SHOE,STD DUTY,REAR FLAIL                               |
| 25   | 30013    | 10   | PLOW BOLT,3/8" X 1-1/4",GR5,NC                              |
| 26   | 28738    | 1    | GROUND ROLLER,75"                                           |
| 27   | TF1045B  | 2    | STUB SHAFT,GROUND ROLLER                                    |
| 28   | 6T2330   | 8    | CAPSCREW,SKT HD,7/16" X 1-1/2",NC                           |
| 29   | 6T2331   | 4    | CAPSCREW,SKT HD,7/16" X 1",NC                               |
| 30   | 28735    | 2    | GROUND ROLLER ADJ BRKT,STD DTY                              |
| 31   | 06520028 | 2    | BEARING,FLANGE,1-3/8",GRNDRLLR                              |
| 32   | 06520029 | 2    | O-RING,2-3/4" X 3/32"                                       |
| 33   | 06520027 | 2    | CAP,BEARING,GRNDRLLR                                        |
| 34   | 06530001 | 12   | CAPSCREW,SKT HD,8-32 X 1/2",SS                              |
| 35   | TF1016   | 1    | FLAP,DEFLECTOR,75"                                          |
| 36   | 6T2615   | 10   | WASHER,FENDER,3/8"                                          |
| 37   | 21988    | 10   | LOCKWASHER,3/8"                                             |
|      |          |      |                                                             |

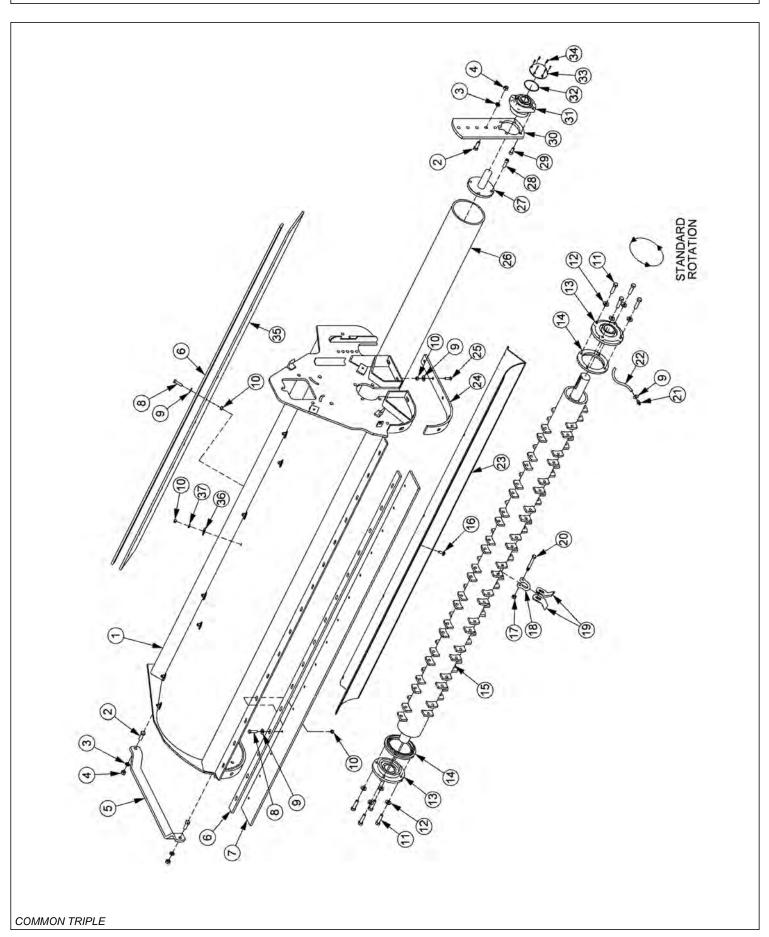
# **SUPER DUTY 75IN REAR FLAIL - REV ROT**



# **SUPER DUTY 75IN REAR FLAIL - REV ROT**

| ITEM | PART NO. | QTY. | DESCRIPTION                                                  |
|------|----------|------|--------------------------------------------------------------|
|      | 06742091 | -    | 75IN REAR FLAIL,SD,RR (STANDARD CUT)                         |
|      | 06742092 | -    | 75IN REAR FLAIL,SD,RR (SMOOTH CUT)                           |
| 1    | 06320134 | 1    | BONNET,75",STD,ROSTA                                         |
| 2    | 21731    | 8    | CAPSCREW,1/2" X 1-1/2",NC                                    |
| 3    | 21990    | 8    | LOCKWASHER,1/2"                                              |
| 4    | 21725    | 8    | HEX NUT,1/2",NC                                              |
| 5    | 27975A   | 1    | GUARD,CUTTERSHAFT                                            |
| 7    | 21632    | 20   | CAPSCREW,3/8" X 1-1/2",NC                                    |
| 8    | 28968A   | 1    | TRASH GUARD,75"                                              |
| 9    | 22016    | 50   | FLATWASHER,3/8",GR8                                          |
| 10   | 21625    | 40   | HEX NUT,3/8",NC                                              |
|      | 06200639 | -    | KIT,STRING GUARD (ITEMS 11, 12 & 14)                         |
| 11   | 06530217 | 8    | CAPSCREW,3/4" X 2-1/2",GR8,NC                                |
| 12   | 06533006 | 8    | FLATWASHER,1/2",SAE,L9                                       |
| 13   | 28683    | 2    | BEARING,FLANGE,1-15/16",STD                                  |
| 14   | 33863    | 2    | STRING GUARD,STD                                             |
|      | 28747    | -    | CUTTERSHAFT, ASSY (STANDARD CUT) (ITEMS 15, 16, 17, 18 & 19) |
|      | 28748    | -    | CUTTERSHAFT, ASSY (SMOOTH CUT) (ITEMS 15, 16, 17, 18A & 19)  |
| 15   | 28643B   | 1    | CUTTERSHAFT,75"STD,W/EARS                                    |
| 16   | 21677    | 40   | NYLOCK NUT,7/16",NC                                          |
| 17   | TF1020   | 40   | KNIFE MTG CLEVIS,FLAIL                                       |
| 18   | 33713    | 80   | KNIFE,FLAIL (STANDARD CUT)                                   |
| 18A  | 28184A   | 40   | KNIFE,FLAIL (SMOOTH CUT)                                     |
| 19   | 34011    | 40   | CAPSCREW,7/16" X 3-7/16",GR8,NC                              |
| 20   | TF1033   | 1    | GREASE ZERK,1/8" FPT                                         |
| 21   | TF1032   | 1    | GRS HOSE,3/16" X 8"                                          |
| 22   | 28086A   | 2    | SKID SHOE,STD DUTY,REAR FLAIL                                |
| 23   | 30013    | 10   | PLOW BOLT,3/8" X 1-1/4",GR5,NC                               |
| 24   | 28738    | 1    | GROUND ROLLER,75"                                            |
| 25   | TF1045B  | 2    | STUB SHAFT,GROUND ROLLER                                     |
| 26   | 6T2330   | 8    | CAPSCREW,SKT HD,7/16" X 1-1/2",NC                            |
| 27   | 6T2331   | 4    | CAPSCREW,SKT HD,7/16" X 1",NC                                |
| 28   | 28735    | 2    | GROUND ROLLER ADJ BRKT,STD DTY                               |
| 29   | 06520028 | 2    | BEARING,FLANGE,1-3/8",GRNDRLLR                               |
| 30   | 06520029 | 2    | O-RING,2-3/4" X 3/32"                                        |
| 31   | 06520027 | 2    | CAP,BEARING,GRNDRLLR                                         |
| 32   | 06530001 | 12   | CAPSCREW,SKT HD,8-32 X 1/2",SS                               |
| 33   | TF1016   | 1    | FLAP,DEFLECTOR,75"                                           |
| 34   | TF1029   | 1    | BAR,FLAP,TSF/TRF,75"                                         |
|      |          |      |                                                              |

# **SUPER DUTY 90IN REAR FLAIL - STD ROT**

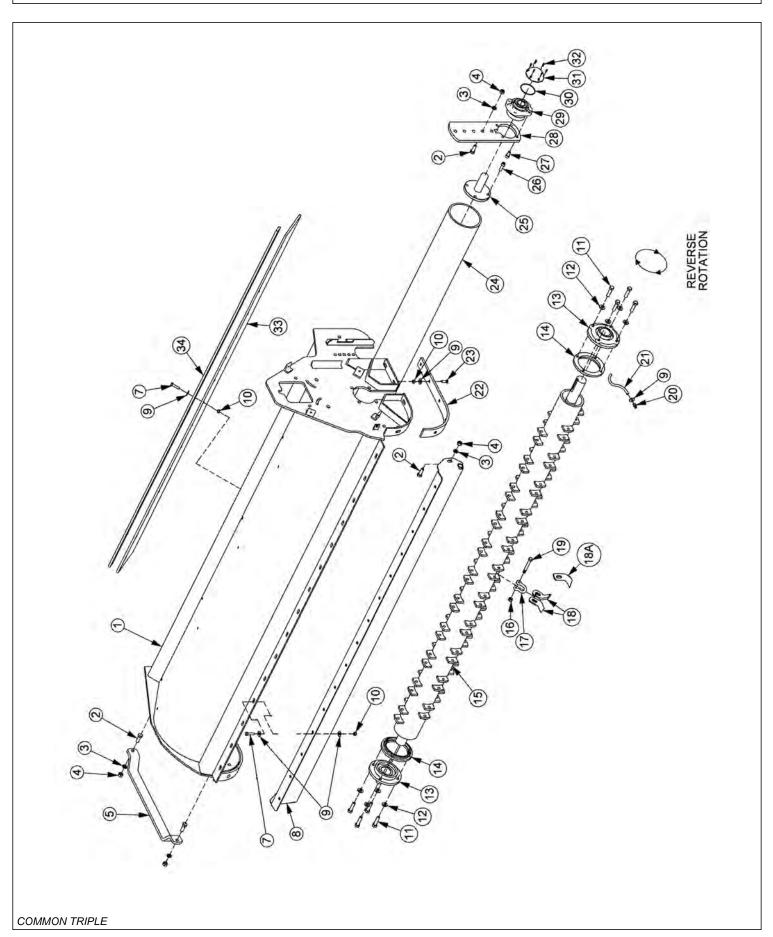


# **SUPER DUTY 90IN REAR FLAIL - STD ROT**

#### Continued...

| ITEM | PART NO. | QTY. | DESCRIPTION                                  |
|------|----------|------|----------------------------------------------|
|      | 06742080 | -    | 90" REAR FLAIL,SD,STD ROT                    |
| 1    | 06320115 | 1    | BONNET,90",STD,ROSTA                         |
| 2    | 21731    | 6    | CAPSCREW,1/2" X 1-1/2",NC                    |
| 3    | 21990    | 6    | LOCKWASHER,1/2"                              |
| 4    | 21725    | 6    | HEX NUT,1/2",NC                              |
| 5    | 27975A   | 1    | GUARD,CUTTERSHAFT                            |
| 6    | TF1135   | 2    | BAR,FLAP,TSF/TRF 90"                         |
| 7    | 06520243 | 1    | FLAP,90",FRONT                               |
| 8    | 21632    | 20   | CAPSCREW,3/8" X 1-1/2",NC                    |
| 9    | 22016    | 41   | FLATWASHER,3/8",GR8                          |
| 10   | 21625    | 50   | HEX NUT,3/8",NC                              |
|      | 06200639 | -    | KIT,STRING GUARD (ITEMS 11, 12 & 14)         |
| 11   | 06530217 | 8    | CAPSCREW,3/4" X 2-1/2",GR8,NC                |
| 12   | 06533006 | 8    | FLATWASHER,1/2",SAE,L9                       |
| 13   | 28683    | 2    | BEARING,FLANGE,1-15/16",STD                  |
| 14   | 33863    | 2    | STRING GUARD,STD                             |
|      | 28745    | -    | CUTTERSHAFT ASSY (ITEMS 15, 17, 18, 19 & 20) |
| 15   | 27964C   | 1    | CUTTERSHAFT,90"STD,W/EARS                    |
| 16   | 6T2283   | 10   | CARRIAGE BOLT,3/8" X 1",NC                   |
| 17   | 21677    | 48   | NYLOCK NUT,7/16",NC                          |
| 18   | TF1020   | 48   | KNIFE MTG CLEVIS,FLAIL                       |
| 19   | 33713    | 96   | KNIFE,FLAIL,SHORT                            |
| 20   | 34011    | 48   | CAPSCREW,7/16" X 3-7/16",GR8,NC              |
| 21   | TF1033   | 1    | GREASE ZERK,1/8" FPT                         |
| 22   | TF1032   | 1    | GRS HOSE,3/16" X 8"                          |
| 23   | 27971    | 1    | BAFFLE,90",STD ROT-STD                       |
| 24   | 28086A   | 2    | SKID SHOE,STD DUTY,REAR FLAIL                |
| 25   | 30013    | 10   | PLOW BOLT,3/8" X 1-1/4",GR5,NC               |
| 26   | 27972A   | 1    | GROUND ROLLER,90"                            |
| 27   | TF1045B  | 2    | STUB SHAFT, GROUND ROLLER                    |
| 28   | 6T2330   | 8    | CAPSCREW,SKT HD,7/16" X 1-1/2",NC            |
| 29   | 6T2331   | 4    | CAPSCREW,SKT HD,7/16" X 1",NC                |
| 30   | 28735    | 2    | GROUND ROLLER ADJ BRKT,STD DTY               |
| 31   | 06520028 | 2    | BEARING,FLANGE,1-3/8",GRNDRLLR               |
| 32   | 06520029 | 2    | O-RING,2-3/4" X 3/32"                        |
| 33   | 06520027 | 2    | CAP,BEARING,GRNDRLLR                         |
| 34   | 06530001 | 12   | CAPSCREW,SKT HD,8-32 X 1/2",SS               |
| 35   | TF1116   | 1    | FLAP,DEFLECTOR,90"                           |
| 36   | 6T2615   | 10   | WASHER,FENDER,3/8"                           |
| 37   | 21988    | 10   | LOCKWASHER,3/8"                              |
|      |          |      |                                              |

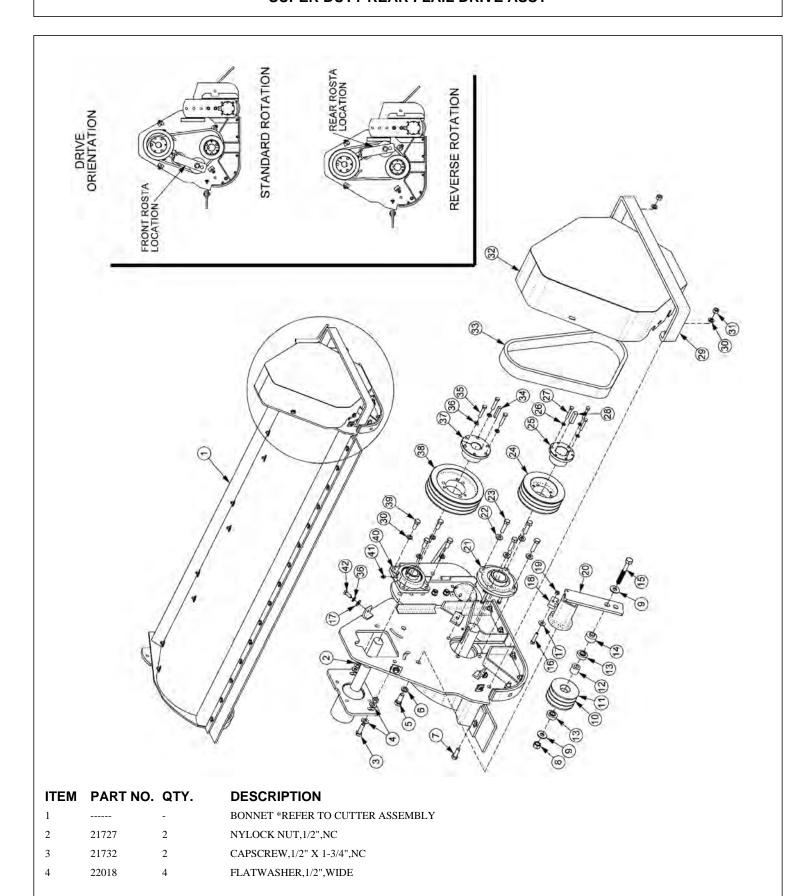
# **SUPER DUTY 90IN REAR FLAIL - REV ROT**



# **SUPER DUTY 90IN REAR FLAIL - REV ROT**

| ITEM | PART NO. | QTY. | DESCRIPTION                                                 |
|------|----------|------|-------------------------------------------------------------|
|      | 06742083 | -    | 90" REAR FLAIL,SD (STANDARD CUT)                            |
|      | 06742084 | -    | 90" REAR FLAIL,SD (SMOOTH CUT)                              |
| 1    | 06320115 | 1    | BONNET,90",STD,ROSTA                                        |
| 2    | 21731    | 8    | CAPSCREW,1/2" X 1-1/2",NC                                   |
| 3    | 21990    | 8    | LOCKWASHER,1/2"                                             |
| 4    | 21725    | 8    | HEX NUT,1/2",NC                                             |
| 5    | 27975A   | 1    | GUARD,CUTTERSHAFT                                           |
| 7    | 21632    | 20   | CAPSCREW,3/8" X 1-1/2",NC                                   |
| 8    | 28967A   | 1    | TRASH GUARD,90"                                             |
| 9    | 22016    | 56   | FLATWASHER,3/8",GR8                                         |
| 10   | 21625    | 40   | HEX NUT,3/8",NC                                             |
|      | 06200639 | -    | KIT,STRING GUARD (ITEMS 11, 12 & 14)                        |
| 11   | 06530217 | 8    | CAPSCREW,3/4" X 2-1/2",GR8,NC                               |
| 12   | 06533006 | 8    | FLATWASHER,1/2",SAE,L9                                      |
| 13   | 28683    | 2    | BEARING,FLANGE,1-15/16",STD                                 |
| 14   | 33863    | 2    | STRING GUARD,STD                                            |
|      | 28745    | -    | CUTTERSHAFT ASSY (STANDARD CUT) (ITEMS 15, 16, 17, 18 & 19) |
|      | 28746    | -    | CUTTERSHAFT ASSY (SMOOTH CUT) (ITEMS 15, 16, 17, 18A & 19)  |
| 15   | 27964C   | 1    | CUTTERSHAFT,90"STD,W/EARS                                   |
| 16   | 21677    | 48   | NYLOCK NUT,7/16",NC                                         |
| 17   | TF1020   | 48   | KNIFE MTG CLEVIS,FLAIL                                      |
| 18   | 33713    | 96   | KNIFE,FLAIL (STANDARD CUT)                                  |
| 18A  | 28184A   | 48   | KNIFE,FLAIL (SMOOTH CUT)                                    |
| 19   | 34011    | 48   | CAPSCREW,7/16" X 3-7/16",GR8,NC                             |
| 20   | TF1033   | 1    | GREASE ZERK,1/8" FPT                                        |
| 21   | TF1032   | 1    | GRS HOSE,3/16" X 8"                                         |
| 22   | 28086A   | 2    | SKID SHOE,STD DUTY,REAR FLAIL                               |
| 23   | 30013    | 10   | PLOW BOLT,3/8" X 1-1/4",GR5,NC                              |
| 24   | 27972A   | 1    | GROUND ROLLER,90"                                           |
| 25   | TF1045B  | 2    | STUB SHAFT,GROUND ROLLER                                    |
| 26   | 6T2330   | 8    | CAPSCREW,SKT HD,7/16" X 1-1/2",NC                           |
| 27   | 6T2331   | 4    | CAPSCREW,SKT HD,7/16" X 1",NC                               |
| 28   | 28735    | 2    | GROUND ROLLER ADJ BRKT,STD DTY                              |
| 29   | 06520028 | 2    | BEARING,FLANGE,1-3/8",GRNDRLLR                              |
| 30   | 06520029 | 2    | O-RING,2-3/4" X 3/32"                                       |
| 31   | 06520027 | 2    | CAP,BEARING,GRNDRLLR                                        |
| 32   | 06530001 | 12   | CAPSCREW,SKT HD,8-32 X 1/2",SS                              |
| 33   | TF1116   | 1    | FLAP,DEFLECTOR,90"                                          |
| 34   | TF1035   | 1    | BAR,FLAP,TSF/TRF,90"                                        |
|      |          |      |                                                             |

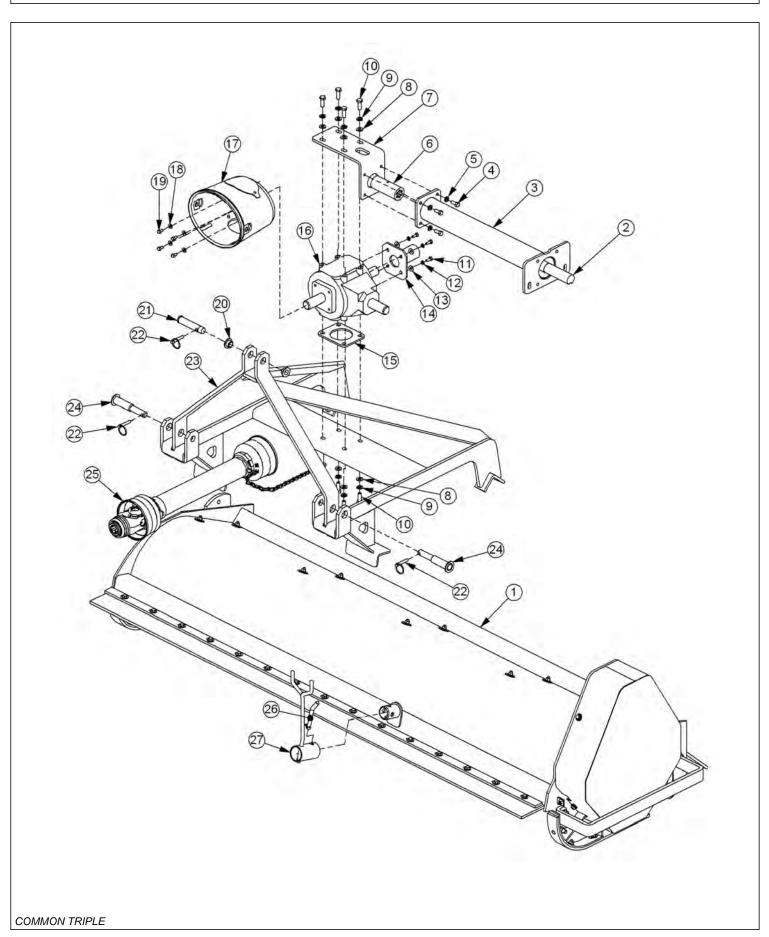
#### SUPER DUTY REAR FLAIL DRIVE ASSY



# SUPER DUTY REAR FLAIL DRIVE ASSY

| ITEM | PART NO. | QTY. | DESCRIPTION                      |
|------|----------|------|----------------------------------|
| 5    | 22421    | -    | CAPSCREW,16MM X 40MM(2.0P)       |
| 6    | 31956    | -    | FLATWASHER,16MM,HARDENED         |
| 7    | 21731    | 2    | CAPSCREW,1/2" X 1-1/2",NC        |
| 8    | 32838    | 1    | HEX NUT,5/8-11 UNC,GR8           |
| 9    | 25270    | 2    | FLATWASHER,5/8",GR8,USS          |
| 10   | 06700092 | -    | ASSY,SHEAVE,IDLER,3 GRV          |
| 11   | 06420072 | 1    | SHEAVE,IDLER,3 GRV               |
| 12   | 31298    | 2    | BRG,FAFNIR,203KRR2               |
| 13   | 06430072 | 1    | SPACER,1.25" X .69" X 1.03"      |
| 14   | 06420094 | 1    | SPACER,1.00" X 1.63" X .64"      |
| 15   | 33854    | 1    | CAPSCREW,5/8" X 4-1/2",GR8,NC    |
| 16   | 21632    | 1    | CAPSCREW,3/8" X 1-1/2",NC        |
| 17   | 22016    | 5    | FLATWASHER,3/8",GR8              |
| 18   | 06400717 | 1    | STOP,ROSTA                       |
| 19   | 21627    | 1    | NYLOCK NUT,3/8",NC               |
| 20   | 06520306 | 1    | TNSNR,ROSTA,SE38,W/MTG BOLT      |
| 21   | 28683    | 2    | BEARING,FLANGE,1-15/16",STD      |
| 22   | 06533006 | 8    | FLATWASHER,1/2",L9,SAE           |
| 23   | 06530217 | 8    | CAPSCREW,1/2" X 2",L9,NC         |
| 24   | 06520218 | 1    | SHEAVE,6.7",3G5V,QD,SK           |
| 25   | 28723    | 1    | BUSHING,QD,SK 1-15/16"           |
| 26   | 21987    | 3    | LOCKWASHER,5/16"                 |
| 27   | 21584    | 3    | CAPSCREW,5/16" X 2",NC           |
| 28   | 26142A   | 1    | KEY,1/2"SQ X 2"                  |
| 29   | 06410723 | 1    | BAR,RUB                          |
| 30   | 21990    | 6    | LOCKWASHER,1/2"                  |
| 31   | 21725    | 2    | HEX NUT,1/2",NC                  |
| 32   | 06320114 | 1    | SHIELD,BELT,WLDMNT,STD           |
| 33   | 06520312 | 1    | BELT,BANDED,3/5VX560             |
| 34   | 28224    | 1    | KEY,3/8"SQ X 2"                  |
| 35   | 21634    | 3    | CAPSCREW,3/8" X 2",NC            |
| 36   | 21988    | 3    | LOCKWASHER,3/8"                  |
| 37   | 06520304 | 1    | BUSHING,QD,SF 1-1/2",3/8" KEY    |
| 38   | 02967325 | 1    | SHEAVE,8.5",3G5V                 |
| 39   | 21730    | 4    | CAPSCREW,1/2" X 1-1/4",NC        |
| 40   | 06520308 | 1    | BRNG,FLNG,1-1/2",GRIP-TIGHT      |
| 41   | 6T3208   | 1    | ZERK,1/8" X 45°                  |
| 42   | 21630    | 4    | CAPSCREW,3/8" X 1",NC            |
| 43   | 06520386 | -    | GAGE,TENSION,PLUNGER (NOT SHOWN) |
| 44   | 06401023 | -    | WRENCH,ROSTA                     |

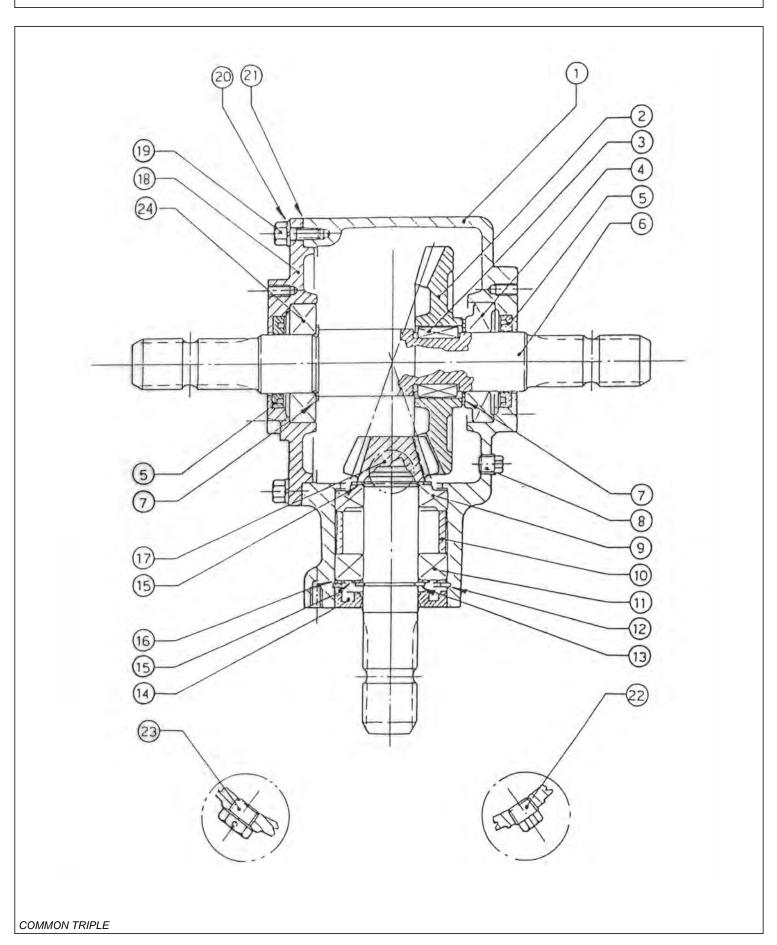
## **SUPER DUTY PTO DRIVE ASSY**



## **SUPER DUTY PTO DRIVE ASSY**

| ITEM | PART NO. | QTY. | DESCRIPTION                      |
|------|----------|------|----------------------------------|
| 1    | 06320134 | 1    | BONNET,75,STD,ROSTA              |
|      | 06320115 | -    | BONNET,90,STD,ROSTA              |
| 2    | 06420110 | 1    | SHAFT,OUTPUT,TRF75               |
|      | 06420109 | -    | SHAFT,OUTPUT,TRF75 (OFFSET)      |
|      | 06420092 | -    | SHAFT,OUTPUT,TRF90               |
|      | 06420109 | -    | SHAFT,OUTPUT,TRF90 (OFFSET)      |
| 3    | 06320133 | 1    | TUBE,SAFETY,75,SD                |
|      | 06320119 | 1    | TUBE,SAFETY,75 (OFFSET)          |
|      | 06320117 | -    | TUBE,SAFETY,90,SD                |
|      | 06320119 | -    | TUBE,SAFETY,90 (OFFSET)          |
| 4    | 21679    | 4    | CAPSCREW,7/16 X 1,NC             |
| 5    | 21989    | 4    | LOCKWASHER,7/16                  |
| 6    | 28914    | 1    | COUPLING,6 SPLINE W/ZERK         |
| 7    | 33204    | 1    | PLATE,MNT,GUARD                  |
| 8    | 27724    | 8    | LOCKWASHER,12MM                  |
| 9    | 22017    | 4    | FLATWASHER,7/16                  |
| 10   | 34890    | 8    | CAPSCREW,12MM X 35MM(1.75P)      |
| 11   | 27508    | 4    | CAPSCREW,8MM X 20MM(1.25P)       |
| 12   | 6T2619   | 4    | LOCKWASHER,8MM                   |
| 13   | 22015    | 4    | FLATWASHER,5/16                  |
| 14   | 28447E   | 1    | GUARD,TRF,OUTPUT SHAFT           |
| 15   | 06400018 | 1    | SPACER,REAR FLAIL (IF NECESSARY) |
| 16   | 28950    | 1    | GEAR BOX,540 RPM                 |
| 17   | 06520181 | 1    | SHIELD,PTO                       |
| 18   | 34948    | 4    | FLATWASHER,3/8                   |
| 19   | 27507    | 4    | CAPSCREW,8MM X 15MM(1.25P)       |
| 20   | 28235A   | 2    | BUSHING,3PT,CAT II TO CAT I      |
| 21   | TB1036   | 1    | PIN,SEC BOOM SWIV 1 X 4-11/16    |
| 22   | TF1143   | 3    | PIN,LYNCH,7/16 X 2               |
| 23   | 06370154 | 1    | FRM,3PT,STD                      |
| 24   | 28234B   | 2    | PIN,3PT,TRF,STD                  |
| 25   | 06520414 | 1    | PTO,DRV SHFT,TRF                 |
|      | 06520415 | -    | PTO,DRV SHFT,TRF,W/ CLUTCH       |
| 26   | 06520048 | 1    | PIN,.5 X 2.5,BENT,W/R-CLIP       |
| 27   | 06370022 | 1    | SUPPORT,PTO                      |
| İ    |          |      |                                  |

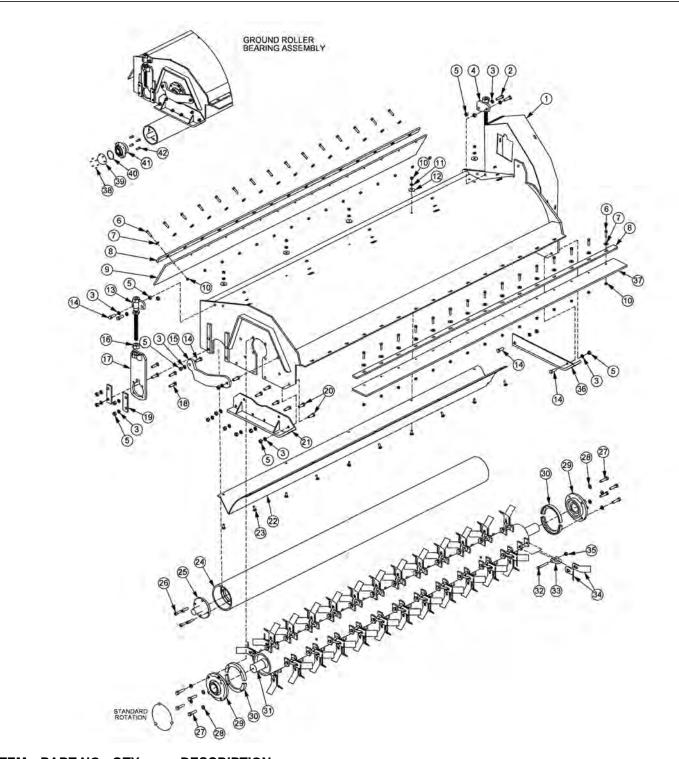
## **SUPER DUTY REAR GEAR BOX ASSY**



# SUPER DUTY REAR GEAR BOX ASSY

| ITEM | PART NO. | QTY. | DESCRIPTION           |
|------|----------|------|-----------------------|
| 1    | 30133    | 1    | CASING                |
| 2    | 30134    | 1    | CROWNWHEEL Z30        |
| 3    | 30135    | 2    | PARALLEL KEY          |
| 4    | 28604    | 1    | BEARING 30208         |
| 5    | 30136    | 2    | OIL SEAL 40 X 62 X 7  |
| 6    | 30137    | 1    | SHAFT                 |
| 7    | 28603    | 2    | SHIM                  |
| 8    | 30138    | 1    | PLUG                  |
| 9    | 30139    | 1    | BEARING 30207         |
| 10   | 30140    | 1    | SPACER                |
| 11   | 30141    | 1    | BEARING 6207          |
| 12   | 30142    | 1    | INTERNAL CIRCLIP 72   |
| 13   | 30143    | 1    | EXTERNAL CIRCLIP 35   |
| 14   | 30144    | 2    | OIL SEAL 35 X 72 X 10 |
| 15   | 30145    | 1    | SHIM                  |
| 16   | 30146    | 1    | SHIM                  |
| 17   | 30147    | 1    | PINION Z10            |
| 18   | 30148    | 1    | COVER                 |
| 19   | 30149    | 6    | HEX BOLT M8 X 22      |
| 20   | 30150    | 6    | WASHER                |
| 21   | 30151    | 1    | SEAL                  |
| 22   | 30152    | 1    | PLUG                  |
| 23   | 30153    | 1    | OIL FILLER PLUG       |
| 24   | 30154    | 1    | BEARING 6208          |

# **EXTREME DUTY 75IN REAR FLAIL - STD ROT**



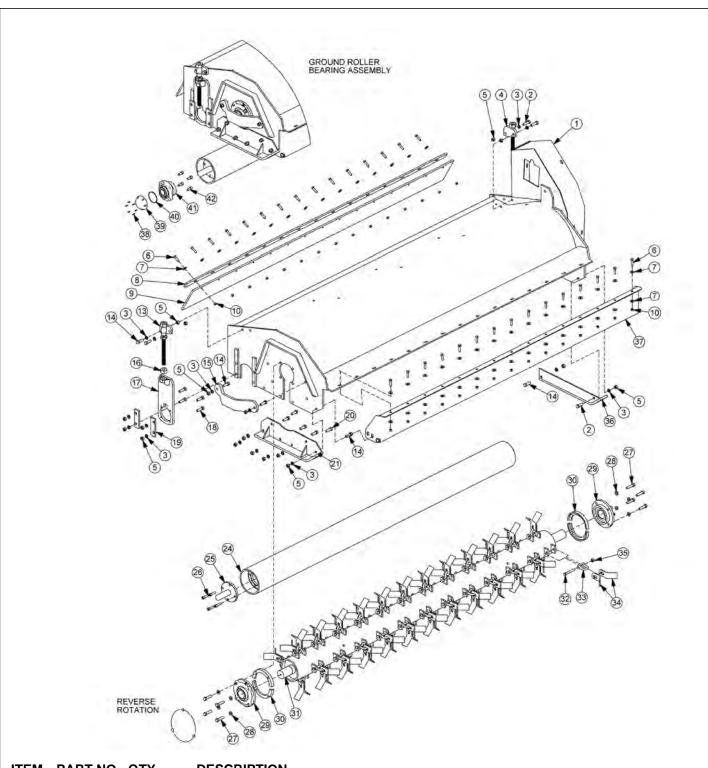
| ITEM | PART NO. | QTY. | DESCRIPTION                    |
|------|----------|------|--------------------------------|
|      | 33036    | -    | 75" REAR FLAIL ASSY,HD,STD ROT |
| 1    | 22043J   | 1    | BONNET,75",HD                  |
| 2    | 21732    | 2    | CAPSCREW,1/2" X 1-3/4",NC      |
| 3    | 21990    | 22   | LOCKWASHER,1/2"                |
|      |          |      |                                |

# **EXTREME DUTY 75IN REAR FLAIL - STD ROT**

#### Continued...

| ITEM | PART NO. | QTY. | DESCRIPTION                          |
|------|----------|------|--------------------------------------|
| 4    | TF4335   | 1    | ROD,GROUND ROLLER ADJ,LF             |
| 5    | 21725    | 22   | HEX NUT,1/2",NC                      |
| 6    | 21632    | 26   | CAPSCREW,3/8" X 1-1/2",NC            |
| 7    | 22016    | 26   | FLATWASHER,3/8"                      |
| 8    | TF1029   | 2    | BAR,FLAP,TSF/TRF,75"                 |
| 9    | TF1016   | 1    | FLAP,DEFLECTOR,TSF/TRF,75"           |
| 10   | 21625    | 36   | HEX NUT,3/8",NC                      |
| 11   | 21988    | 10   | LOCKWASHER,3/8"                      |
| 12   | 6T2615   | 10   | WASHER,FENDER,3/8"                   |
| 13   | TF4334   | 1    | ROD,GROUND ROLLER ADJ,RT             |
| 14   | 21731    | 6    | CAPSCREW, 1/2" X 1-1/2",NC           |
| 15   | TF1040   | 1    | GUARD,CUTTERSHAFT                    |
| 16   | 21399    | 2    | HEX NUT,3/4",ACME THRD               |
| 17   | TF4333A  | 2    | GROUND ROLLER ADJ BRKT               |
| 18   | 6T2294   | 8    | PLOW BOLT,1/2" X 2",NC               |
| 19   | TF4336   | 4    | PLATE,GROUND ROLLER LOCK             |
| 20   | 21730    | 6    | CAPSCREW,1/2" X 1-1/4",NC            |
| 21   | TF4371   | 1    | SKID SHOE,L/PROFILE-OUTER            |
| 22   | TF1402A  | 1    | BAFFLE,FLAIL,75",HD                  |
| 23   | 6T2283   | 10   | CARRIAGE BOLT,3/8" X 1",NC           |
| 24   | 28738    | 1    | GROUND ROLLER,75"                    |
| 25   | TF1045B  | 2    | GRND ROLLER STUB SHAFT               |
| 26   | 6T2330   | 8    | CAPSCREW, 7/16" X 1-1/2", SKT HD     |
|      | 06200347 | -    | KIT,STRING GUARD (ITEMS 27, 28 & 30) |
| 27   | 06530217 | 8    | CAPSCREW,1/2" X 2",NC,L9             |
| 28   | 06533006 | 8    | FLATWASHER,1/2",SAE,L9               |
| 29   | TF1018   | 2    | BEARING,FLANGE,2-3/16"               |
| 30   | 31204    | 2    | STRING GUARD,HD                      |
|      | TF1002A  | -    | CUTTERSHAFT ASSY,75IN                |
| 31   | TF1002   | 1    | CUTTERSHAFT,75IN                     |
| 32   | 30411    | 40   | KNIFE MOUNTING BOLT,FLAIL            |
| 33   | TF1020   | 40   | KNIFE MTG CLEVIS,FLAIL               |
| 34   | 33714    | 80   | KNIFE,FLAIL,STANDARD CUT             |
| 35   | 21677    | 40   | NYLOCK NUT,7/16",NC                  |
| 36   | TF4365   | 1    | SKID SHOE,L/PROFILE-INNER            |
| 37   | 06520242 | 1    | FLAP,FRONT,75"                       |
| 38   | 06530001 | 12   | CAPSCREW,SKT HD                      |
| 39   | 06520027 | 2    | CAP,BEARING                          |
| 40   | 06520029 | 2    | O-RING,2-3/4" X 3/32"                |
| 41   | 06520028 | 2    | BEARING,FLANGE,1-3/8"                |
| 42   | 6T2331   | 8    | CAPSCREW,7/16" X 1",SKT HD           |
|      |          |      |                                      |

## **EXTREME DUTY 75IN REAR FLAIL - REV ROT**

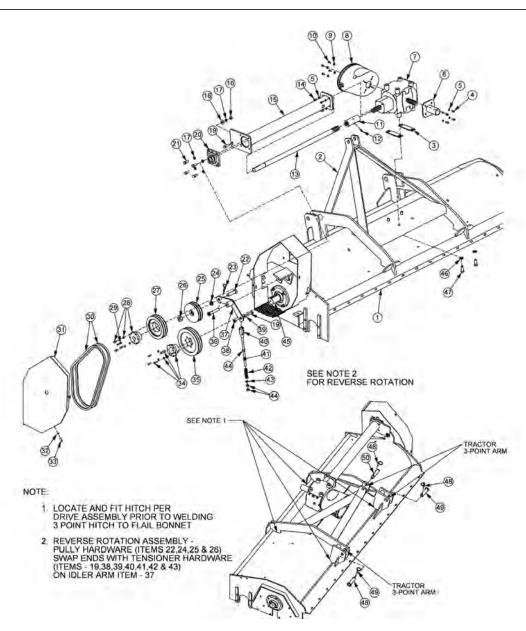


|   | PART NO. | QIY. | DESCRIPTION                         |
|---|----------|------|-------------------------------------|
|   | 33038    | -    | REAR FLAIL,75IN,ASSY (STANDARD CUT) |
|   | 33040    | -    | REAR FLAIL,75IN,ASSY (SMOOTH CUT)   |
| 1 | 22043J   | 1    | BONNET,75",HD                       |
| 2 | 21732    | 3    | CAPSCREW,1/2" X 1-3/4",NC           |

# **EXTREME DUTY 75IN REAR FLAIL - REV ROT**

| ITEM | PART NO. | QTY. | DESCRIPTION                                                         |  |
|------|----------|------|---------------------------------------------------------------------|--|
| 3    | 21990    | 22   | LOCKWASHER,1/2"                                                     |  |
| 4    | TF4335   | 1    | ROD,GROUND ROLLER ADJ,LF                                            |  |
| 5    | 21725    | 22   | HEX NUT,1/2",NC                                                     |  |
| 6    | 21632    | 26   | CAPSCREW,3/8" X 1-1/2",NC                                           |  |
| 7    | 22016    | 39   | FLATWASHER,3/8"                                                     |  |
| 8    | TF1029   | 1    | BAR,FLAP,TSF/TRF,75"                                                |  |
| 9    | TF1016   | 1    | FLAP,DEFLECTOR,TSF/TRF,75"                                          |  |
| 10   | 21625    | 36   | HEX NUT,3/8",NC                                                     |  |
| 13   | TF4334   | 1    | ROD,GROUND ROLLER ADJ,RT                                            |  |
| 14   | 21731    | 6    | CAPSCREW, 1/2" X 1-1/2",NC                                          |  |
| 15   | TF1040   | 1    | GUARD,CUTTERSHAFT                                                   |  |
| 16   | 21399    | 2    | HEX NUT,3/4",ACME THRD                                              |  |
| 17   | TF4333A  | 2    | GROUND ROLLER ADJ BRKT                                              |  |
| 18   | 6T2294   | 8    | PLOW BOLT,1/2" X 2",NC                                              |  |
| 19   | TF4336   | 4    | PLATE,GROUND ROLLER LOCK                                            |  |
| 20   | 21730    | 5    | CAPSCREW,1/2" X 1-1/4",NC                                           |  |
| 21   | TF4371   | 1    | SKID SHOE,L/PROFILE-OUTER                                           |  |
| 24   | 28738    | 1    | GROUND ROLLER,75"                                                   |  |
| 25   | TF1045B  | 2    | GRND ROLLER STUB SHAFT                                              |  |
| 26   | 6T2330   | 8    | CAPSCREW, 7/16" X 1-1/2", SKT HD                                    |  |
|      | 06200347 | -    | KIT,STRING GUARD (ITEMS 27, 28 & 30)                                |  |
| 27   | 06530217 | 8    | CAPSCREW,1/2" X 2",NC,L9                                            |  |
| 28   | 06533006 | 8    | FLATWASHER,1/2",SAE,L9                                              |  |
| 29   | TF1018   | 2    | BEARING,FLANGE,2-3/16"                                              |  |
| 30   | 31204    | 2    | STRING GUARD,HD                                                     |  |
|      | TF1002A  | -    | CUTTTERSHAFT, ASSY, 75IN (STANDARD CUT) (ITEMS 31, 32, 33, 34 & 35) |  |
|      | TF1002B  | -    | CUTTERSHAFT, ASSY, 75IN (SMOOTH CUT) (ITEMS 31, 323, 33, 34A & 35)  |  |
| 31   | TF1002   | 1    | CUTTERSHAFT,75",HD                                                  |  |
| 32   | 30411    | 40   | KNIFE MOUNTING BOLT,FLAIL                                           |  |
| 33   | TF1020   | 40   | KNIFE MTG CLEVIS,FLAIL                                              |  |
| 34   | 33714    | 80   | KNIFE,FLAIL,STANDARD CUT                                            |  |
| 34A  | TF1019F  | 40   | KNIFE,FLAIL,SMOOTH CUT (NOT SHOWN)                                  |  |
| 35   | 21677    | 40   | NYLOCK NUT,7/16",NC                                                 |  |
| 36   | TF4365   | 1    | SKID SHOE,L/PROFILE-INNER                                           |  |
| 37   | TF1403   | 1    | FRONT TRASH GUARD                                                   |  |
| 38   | 06530001 | 12   | CAPSCREW,SKT HD                                                     |  |
| 39   | 06520027 | 2    | CAP,BEARING                                                         |  |
| 40   | 06520029 | 2    | O-RING,2-3/4" X 3/32"                                               |  |
| 41   | 06520028 | 2    | BEARING,FLANGE,1-3/8"                                               |  |
| 42   | 6T2331   | 8    | CAPSCREW,7/16" X 1",SKT HD                                          |  |
|      |          |      |                                                                     |  |

#### **EXTREME DUTY 75IN REAR FLAIL DRIVE ASSY**



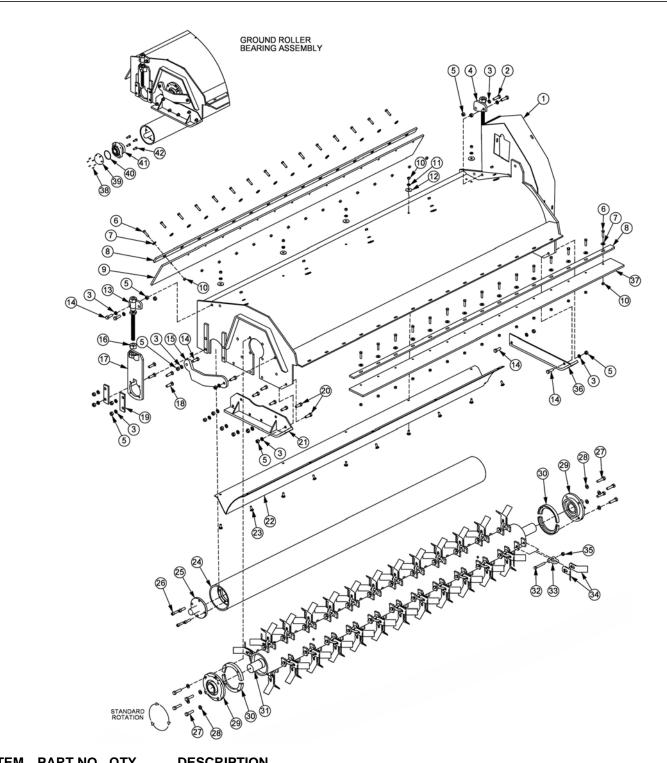
| ITEM | PART NO. | QTY. | DESCRIPTION                   |
|------|----------|------|-------------------------------|
| 1    |          | 1    | BONNET *REFER TO CUTTER ASSY  |
| 2    | 31279A   | 1    | HITCH,3-POINT                 |
| 3    | 40454    | 2    | SPACER                        |
| 4    | 27508    | 4    | CAPSCREW,8MM X 20MM(1.25)     |
| 5    | 6T2619   | 8    | LOCKWASHER,8MM                |
| 6    | 28447E   | 1    | GUARD,OUTPUT SHAFT            |
| 7    | 28505    | 1    | GEARBOX,REAR FLAIL,COMER T22A |
| 8    | 06520181 | 1    | GUARD,PTO,GRBX                |
| 9    | 34948    | 4    | FLATWASHER,8MM                |
| 10   | 27507    | 4    | CAPSCREW,8MM X 15MM(1.25)     |
| 11   | 28914    | 1    | COUPLING,6 SPLINE             |
|      |          |      |                               |
|      |          |      |                               |

# **EXTREME DUTY 75IN REAR FLAIL DRIVE ASSY**

| ntinue |  |
|--------|--|
|        |  |
|        |  |

| ITEM | PART NO. | OTV | DESCRIPTION                       |
|------|----------|-----|-----------------------------------|
| 12   | 6T3209   | 1   | GREASE ZERK,1/4" DRIVE            |
| 13   | 28414A   | 1   | OUTPUT EXTENSION SHAFT,75"RCM     |
|      | 28416B   | -   | OUTPUT EXTENSION SHAFT,75"OFF     |
| 14   | 30162    | 4   | CAPSCREW,SKT HD,8MM X 20MM(1.25)  |
| 15   | 28422A   | 1   | SHAFT GRD,HD,75"RCM               |
|      | 28424B   | -   | SHAFT GRD,HD,75"OFF               |
| 16   | 21725    | 1   | HEX NUT,1/2",NC                   |
| 17   | 21990    | 5   | LOCKWASHER,1/2"                   |
| 18   | 22018    | 1   | FLATWASHER,1/2",WIDE              |
| 19   | 21732    | 2   | CAPSCREW,1/2" X 1-3/4",NC         |
| 20   | 28571    | 1   | BEARING,FLANGE,1-1/4"             |
| 21   | 21730    | 4   | CAPSCREW,1/2" X 1-1/4",NC         |
| 22   | 28399    | 1   | CAPSCREW,20MM X 80MM(2.5),GR10.9  |
| 23   | 6T3004   | 1   | R-CLIP,HAIRPIN COTTER,3/16"       |
| 24   | 24881    | 1   | LOCKWASHER,20MM                   |
| 25   | 31295    | 1   | SHEAVE,IDLER ASSY,6.3"            |
| 26   | 31740    | 1   | NYLOCK NUT,20MM(2.5)              |
| 27   | TF3043   | 1   | SHEAVE,7.5"                       |
| 28   | 30049    | 2   | BUSHING,QD,SK 1-1/4",1/4" KEY     |
| 29   | 28572    | 1   | KEY,1/4"SQ X 2"                   |
| 30   | TF3023   | 2   | V-BELT(630)                       |
| 31   | 31286A   | 1   | SHIELD,BELT                       |
| 32   | 21988    | 4   | LOCKWASHER,3/8"                   |
| 33   | 21630    | 4   | CAPSCREW,3/8" X 1",NC             |
| 34   | TF3011   | 1   | BUSHING,QD,SK 2-3/16"             |
| 35   | 28570    | 1   | SHEAVE,9.0"                       |
| 36   | TF3605   | 1   | PIN,IDLER ARM                     |
| 37   | TF1180   | 1   | IDLER ARM                         |
| 38   | 6T2418   | 1   | HEX NUT,1/2",NC,GR8(STOVER)       |
| 39   | TF3610   | 1   | BUSHING,IDLER                     |
| 40   | PT3611A  | 1   | CLEVIS                            |
| 41   | 32482    | 1   | ROD,THREADED,1/2-20,NF,12-1/2"    |
| 42   | TF3620A  | 1   | SPRING,TENSIONER                  |
| 43   | 27938    | 1   | BUSHING,MACH,14GA                 |
| 44   | 21700    | 3   | HEX NUT,1/2",NF                   |
| 45   |          | 1   | CUTTERSHAFT *REFER TO CUTTER ASSY |
| 46   | 6T2625   | 4   | LOCKWASHER,16MM                   |
| 47   | 22421    | 4   | CAPSCREW,16MM X 40MM(2.0),GR10.9  |
| 48   | TF1143   | 3   | LYNCH PIN                         |
| 49   | TF1120   | 2   | PIN,CAPPED                        |
| 50   | TB1036   | 1   | PIN                               |
|      |          |     |                                   |

## **EXTREME DUTY 90IN REAR FLAIL - STD ROT**

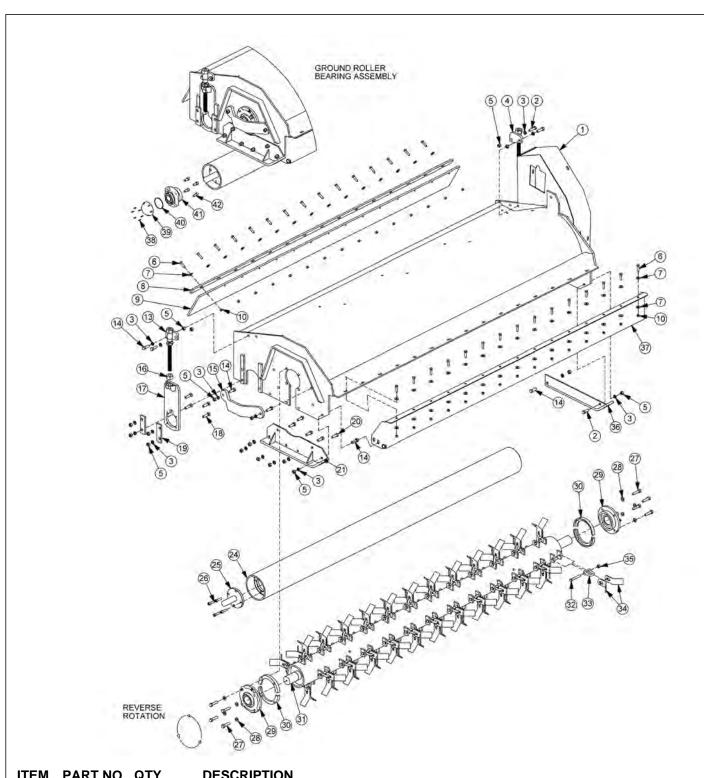


|   | PART NO. | QII. | DESCRIPTION               |
|---|----------|------|---------------------------|
|   | 33002    | -    | REAR FLAIL ASSY,90IN      |
| 1 | 22044J   | 1    | BONNET,90",HD             |
| 2 | 21732    | 2    | CAPSCREW,1/2" X 1-3/4",NC |
| 3 | 21990    | 22   | LOCKWASHER,1/2"           |
|   |          |      |                           |

# **EXTREME DUTY 90IN REAR FLAIL - STD ROT**

| ITEM | PART NO. | QTY. | DESCRIPTION                          |
|------|----------|------|--------------------------------------|
| 4    | TF4335   | 1    | ROD,GROUND ROLLER ADJ,LF             |
| 5    | 21725    | 22   | HEX NUT,1/2",NC                      |
| 6    | 21632    | 30   | CAPSCREW,3/8" X 1-1/2",NC            |
| 7    | 22016    | 30   | FLATWASHER,3/8"                      |
| 8    | TF1135   | 2    | BAR,FLAP,TSF/TRF,90"                 |
| 9    | TF1116   | 1    | FLAP,DEFLECTOR,TSF/TRF,90"           |
| 10   | 21625    | 40   | HEX NUT,3/8",NC                      |
| 11   | 21988    | 10   | LOCKWASHER,3/8"                      |
| 12   | 6T2615   | 10   | WASHER,FENDER,3/8"                   |
| 13   | TF4334   | 1    | ROD,GROUND ROLLER ADJ,RT             |
| 14   | 21731    | 6    | CAPSCREW,1/2" X 1-1/2",NC            |
| 15   | TF1040   | 1    | GUARD,CUTTERSHAFT                    |
| 16   | 21399    | 2    | HEX NUT,3/4",ACME THRD               |
| 17   | TF4333A  | 2    | GROUND ROLLER ADJ BRKT               |
| 18   | 6T2294   | 8    | PLOW BOLT,1/2" X 2",NC               |
| 19   | TF4336   | 4    | PLATE,GROUND ROLLER LOCK             |
| 20   | 21730    | 6    | CAPSCREW,1/2" X 1-1/4",NC            |
| 21   | TF4371   | 1    | SKID SHOE,L/PROFILE-OUTER            |
| 22   | TF1502A  | 1    | BAFFLE,FLAIL,90",HD                  |
| 23   | 6T2283   | 10   | CARRIAGE BOLT,3/8" X 1",NC           |
| 24   | 27972A   | 1    | GROUND ROLLER,90"                    |
| 25   | TF1045B  | 2    | GRND ROLLER STUB SHAFT               |
| 26   | 6T2330   | 8    | CAPSCREW, 7/16" X 1-1/2", SKT HD     |
|      | 06200347 | -    | KIT,STRING GUARD (ITEMS 27, 28 & 30) |
| 27   | 06530217 | 8    | CAPSCREW,1/2" X 2",NC,L9             |
| 28   | 06533006 | 8    | FLATWASHER,1/2",SAE,L9               |
| 29   | TF1018   | 2    | BEARING,FLANGE,2-3/16"               |
| 30   | 31204    | 2    | STRING GUARD,HD                      |
|      | TF1102A  | -    | CUTTERSHAFT ASSY,90IN                |
| 31   | TF1102   | 1    | CUTTERSHAFT,90"                      |
| 32   | 30411    | 48   | KNIFE MOUNTING BOLT,FLAIL            |
| 33   | TF1020   | 48   | KNIFE MTG CLEVIS,FLAIL               |
| 34   | 33714    | 96   | KNIFE,FLAIL,STANDARD CUT             |
| 35   | 21677    | 48   | NYLOCK NUT,7/16",NC                  |
| 36   | TF4365   | 1    | SKID SHOE,L/PROFILE-INNER            |
| 37   | 06520243 | 1    | FLAP,FRONT,90"                       |
| 38   | 06530001 | 12   | CAPSCREW,SKT HD                      |
| 39   | 06520027 | 2    | CAP,BEARING                          |
| 40   | 06520029 | 2    | O-RING,2-3/4" X 3/32"                |
| 41   | 06520028 | 2    | BEARING,FLANGE,1-3/8"                |
| 42   | 6T2331   | 8    | CAPSCREW,7/16" X 1",SKT HD           |
|      |          |      |                                      |

# **EXTREME DUTY 90IN REAR FLAIL - REV ROT**

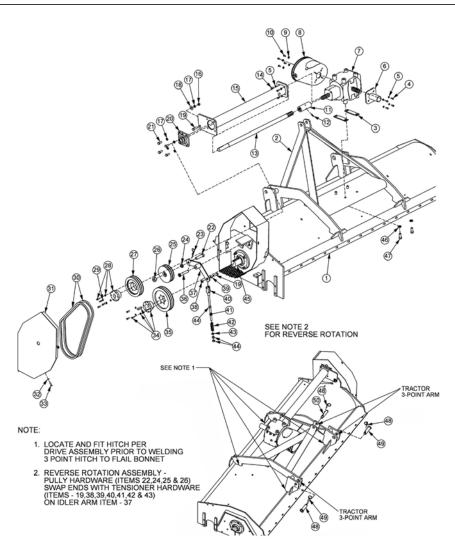


| I I LIVI | PART NO. | QII. | DESCRIPTION                         |
|----------|----------|------|-------------------------------------|
|          | 33009    | -    | 90IN REAR FLAIL ASSY (STANDARD CUT) |
|          | 33011    | -    | 90IN REAR FLAIL ASSY (SMOOTH CUT)   |
| 1        | 22044J   | 1    | BONNET,90"                          |
| 2.       | 21732    | 3    | CAPSCREW 1/2" X 1-3/4" NC           |

# **EXTREME DUTY 90IN REAR FLAIL - REV ROT**

| ITEM | PART NO. | QTY. | DESCRIPTION                                                    |
|------|----------|------|----------------------------------------------------------------|
| 3    | 21990    | 22   | LOCKWASHER,1/2"                                                |
| 4    | TF4335   | 1    | ROD,GROUND ROLLER ADJ,LF                                       |
| 5    | 21725    | 22   | HEX NUT,1/2",NC                                                |
| 6    | 21632    | 30   | CAPSCREW,3/8" X 1-1/2",NC                                      |
| 7    | 22016    | 45   | FLATWASHER,3/8"                                                |
| 8    | TF1135   | 1    | BAR,FLAP,TSF/TRF,90"                                           |
| 9    | TF1116   | 1    | FLAP,DEFLECTOR,TSF/TRF,90"                                     |
| 10   | 21625    | 40   | HEX NUT,3/8",NC                                                |
| 13   | TF4334   | 1    | ROD,GROUND ROLLER ADJ,RT                                       |
| 14   | 21731    | 6    | CAPSCREW,1/2" X 1-1/2",NC                                      |
| 15   | TF1040   | 1    | GUARD,CUTTERSHAFT                                              |
| 16   | 21399    | 2    | HEX NUT,3/4",ACME THRD                                         |
| 17   | TF4333A  | 2    | GROUND ROLLER ADJ BRKT                                         |
| 18   | 6T2294   | 8    | PLOW BOLT,1/2" X 2",NC                                         |
| 19   | TF4336   | 4    | PLATE, GROUND ROLLER LOCK                                      |
| 20   | 21730    | 5    | CAPSCREW,1/2" X 1-1/4",NC                                      |
| 21   | TF4371   | 1    | SKID SHOE,L/PROFILE-OUTER                                      |
| 24   | 27972A   | 1    | GROUND ROLLER,90"                                              |
| 25   | TF1045B  | 2    | GRND ROLLER STUB SHAFT                                         |
| 26   | 6T2330   | 8    | CAPSCREW,7/16" X 1-1/2", SKT HD                                |
|      | 06200347 | -    | KIT,STRING GUARD (ITEMS 27, 28 & 30)                           |
| 27   | 06530217 | 8    | CAPSCREW,1/2" X 2",NC,L9                                       |
| 28   | 06533006 | 8    | FLATWASHER,1/2",SAE,L9                                         |
| 29   | TF1018   | 2    | BEARING,FLANGE,2-3/16"                                         |
| 30   | 31204    | 2    | STRING GUARD                                                   |
|      | TF1102A  | -    | CUTTERSHAFT ASSY (STANDARD CUT) (ITEMS 31, 32, 33, 34 $\&$ 35) |
|      | TF1102B  | -    | CUTTERSHAFT ASSY (SMOOTH CUT) (ITEMS 31, 32, 33, 34A & 35)     |
| 31   | TF1102   | 1    | CUTTERSHAFT,90"                                                |
| 32   | 30411    | 48   | KNIFE MOUNTING BOLT,FLAIL                                      |
| 33   | TF1020   | 48   | KNIFE MTG CLEVIS,FLAIL                                         |
| 34   | 33714    | 96   | KNIFE,FLAIL,STANDARD CUT                                       |
| 34A  | TF1019F  | 48   | KNIFE,FLAIL,SMOOTH CUT (NOT SHOWN)                             |
| 35   | 21677    | 48   | NYLOCK NUT,7/16",NC                                            |
| 36   | TF4365   | 1    | SKID SHOE,L/PROFILE-INNER                                      |
| 37   | TF1503   | 1    | FRONT TRASH GUARD                                              |
| 38   | 06530001 | 12   | CAPSCREW,SKT HD                                                |
| 39   | 06520027 | 2    | CAP,BEARING                                                    |
| 40   | 06520029 | 2    | O-RING,2-3/4" X 3/32"                                          |
| 41   | 06520028 | 2    | BEARING,FLANGE,1-3/8"                                          |
| 42   | 6T2331   | 8    | CAPSCREW,7/16" X 1",SKT HD                                     |
|      |          |      |                                                                |

#### **EXTREME DUTY 90IN REAR FLAIL DRIVE ASSY**



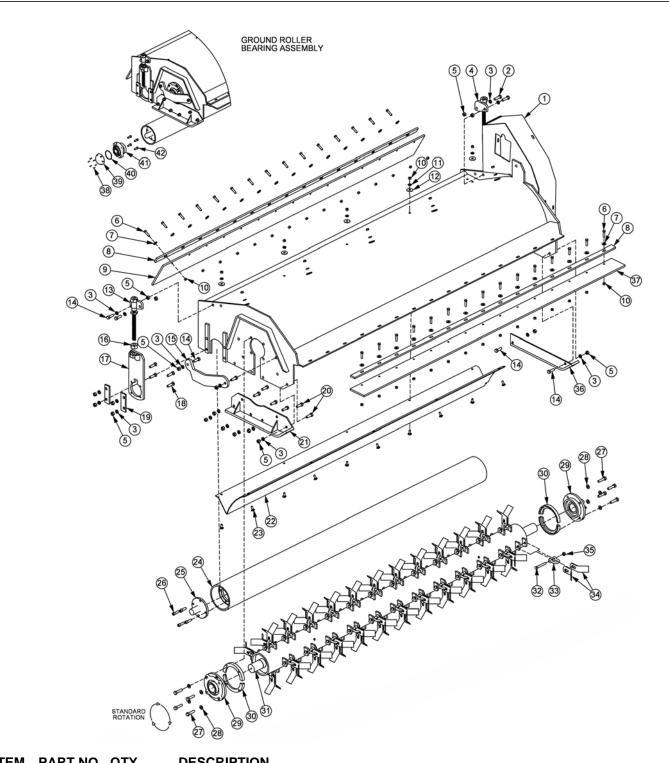
| ITEM | PART NO. | QTY. | DESCRIPTION                   |
|------|----------|------|-------------------------------|
| 1    |          | 1    | BONNET *REFER TO CUTTER ASSY  |
| 2    | 31279A   | 1    | HITCH,3-POINT                 |
| 3    | 40454    | 2    | SPACER                        |
| 4    | 27508    | 4    | CAPSCREW,8MM X 20MM(1.25)     |
| 5    | 6T2619   | 8    | LOCKWASHER,8MM                |
| 6    | 28447E   | 1    | GUARD,OUTPUT SHAFT            |
| 7    | 28505    | 1    | GEARBOX,REAR FLAIL,COMER T22A |
| 8    | 06520181 | 1    | GUARD,PTO,GRBX                |
| 9    | 34948    | 4    | FLATWASHER,8MM                |
| 10   | 27507    | 4    | CAPSCREW,8MM X 15MM(1.25)     |
| 11   | 28914    | 1    | COUPLING,6 SPLINE             |
| 12   | 6T3209   | 1    | GREASE ZERK,1/4" DRIVE        |
| 13   | 28415A   | 1    | OUTPUT EXTENSION SHAFT,90"RCM |
|      | 28416B   | -    | OUTPUT EXTENSION SHAFT,90"R6F |
|      | 28420B   | -    | OUTPUT EXTENSION SHAFT,90"OFF |
|      |          |      |                               |

# **EXTREME DUTY 90IN REAR FLAIL DRIVE ASSY**

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| ITEM | PART NO. | QTY. | DESCRIPTION                       |
|------|----------|------|-----------------------------------|
| 14   | 30162    | 4    | CAPSCREW,SKT HD,8MM X 20MM(1.25)  |
| 15   | 28423A   | 1    | SHAFT GRD,HD,90"RCM               |
|      | 28424B   | -    | SHAFT GRD,HD,90"R6F               |
|      | 28428B   | -    | SHAFT GRD,HD,90"OFF               |
| 16   | 21725    | 1    | HEX NUT,1/2",NC                   |
| 17   | 21990    | 5    | LOCKWASHER,1/2"                   |
| 18   | 22018    | 1    | FLATWASHER,1/2",WIDE              |
| 19   | 21732    | 2    | CAPSCREW,1/2" X 1-3/4",NC         |
| 20   | 28571    | 1    | BEARING,FLANGE,1-1/4"             |
| 21   | 21730    | 4    | CAPSCREW,1/2" X 1-1/4",NC         |
| 22   | 28399    | 1    | CAPSCREW,20MM X 80MM(2.5),GR10.9  |
| 23   | 6T3004   | 1    | R-CLIP,HAIRPIN COTTER,3/16"       |
| 24   | 24881    | 1    | LOCKWASHER,20MM                   |
| 25   | 31295    | 1    | SHEAVE,IDLER ASSY,6.3"            |
| 26   | 31740    | 1    | NYLOCK NUT,20MM(2.5)              |
| 27   | TF3043   | 1    | SHEAVE,7.5"                       |
| 28   | 30049    | 2    | BUSHING,QD,SK 1-1/4",1/4" KEY     |
| 29   | 28572    | 1    | KEY,1/4"SQ X 2"                   |
| 30   | TF3023   | 2    | V-BELT(630)                       |
| 31   | 31286A   | 1    | SHIELD,BELT                       |
| 32   | 21988    | 4    | LOCKWASHER,3/8"                   |
| 33   | 21630    | 4    | CAPSCREW,3/8" X 1",NC             |
| 34   | TF3011   | 1    | BUSHING,QD,SK 2-3/16"             |
| 35   | 28570    | 1    | SHEAVE,9.0"                       |
| 36   | TF3605   | 1    | PIN,IDLER ARM                     |
| 37   | TF1180   | 1    | IDLER ARM                         |
| 38   | 6T2418   | 1    | HEX NUT,1/2",NC,GR8(STOVER)       |
| 39   | TF3610   | 1    | BUSHING,IDLER                     |
| 40   | PT3611A  | 1    | CLEVIS                            |
| 41   | 32482    | 1    | ROD,THREADED,1/2-20,NF,12-1/2"    |
| 42   | TF3620A  | 1    | SPRING,TENSIONER                  |
| 43   | 27938    | 1    | BUSHING,MACH,14GA                 |
| 44   | 21700    | 3    | HEX NUT,1/2",NF                   |
| 45   |          | 1    | CUTTERSHAFT *REFER TO CUTTER ASSY |
| 46   | 6T2625   | 4    | LOCKWASHER,16MM                   |
| 47   | 22421    | 4    | CAPSCREW,16MM X 40MM(2.0),GR10.9  |
| 48   | TF1143   | 3    | LYNCH PIN                         |
| 49   | TF1120   | 2    | PIN,CAPPED                        |
| 50   | TB1036   | 1    | PIN                               |
|      |          |      |                                   |

## **EXTREME DUTY 96IN REAR FLAIL - STD ROT**

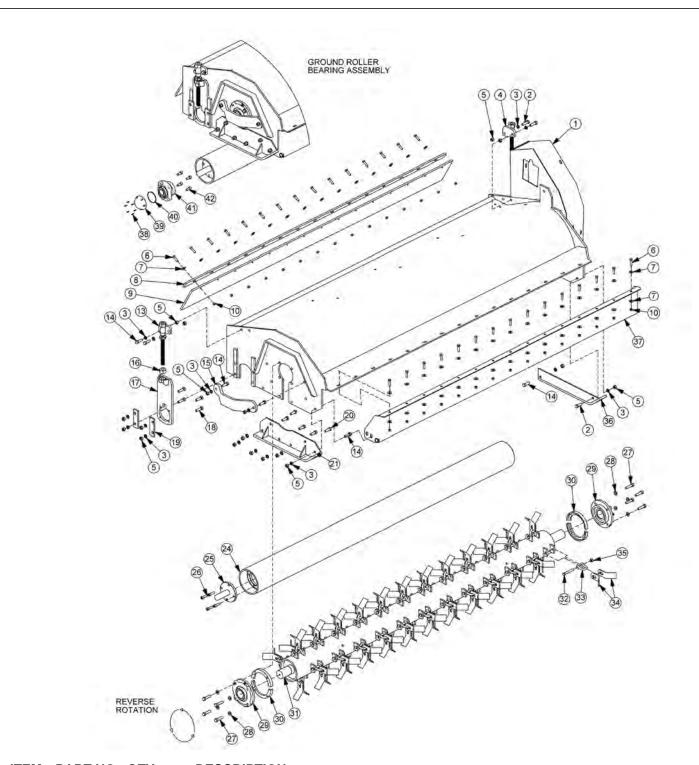


| HEM | PART NO. | QIY. | DESCRIPTION               |
|-----|----------|------|---------------------------|
|     | 33005    | -    | REAR FLAIL ASSY,96IN      |
| 1   | 22045J   | 1    | BONNET,96"                |
| 2   | 21732    | 2    | CAPSCREW,1/2" X 1-3/4",NC |
| 3   | 21990    | 22   | LOCKWASHER,1/2"           |
|     |          |      |                           |

# **EXTREME DUTY 96IN REAR FLAIL - STD ROT**

| ITEM | PART NO. | QTY. | DESCRIPTION                          |
|------|----------|------|--------------------------------------|
| 4    | TF4335   | 1    | ROD,GROUND ROLLER ADJ,LF             |
| 5    | 21725    | 22   | HEX NUT,1/2",NC                      |
| 6    | 21632    | 34   | CAPSCREW,3/8" X 1-1/2",NC            |
| 7    | 22016    | 34   | FLATWASHER,3/8"                      |
| 8    | TF1606   | 2    | BAR,FLAP,TSF/TRF,96"                 |
| 9    | TF1605   | 1    | FLAP,DEFLECTOR,TSF/TRF,96"           |
| 10   | 21625    | 44   | HEX NUT,3/8",NC                      |
| 11   | 21988    | 10   | LOCKWASHER,3/8"                      |
| 12   | 6T2615   | 10   | WASHER,FENDER,3/8"                   |
| 13   | TF4334   | 1    | ROD,GROUND ROLLER ADJ,RT             |
| 14   | 21731    | 6    | CAPSCREW,1/2" X 1-1/2",NC            |
| 15   | TF1040   | 1    | GUARD,CUTTERSHAFT                    |
| 16   | 21399    | 2    | HEX NUT,3/4",ACME THRD               |
| 17   | TF4333A  | 2    | GROUND ROLLER ADJ BRKT               |
| 18   | 6T2294   | 8    | PLOW BOLT,1/2" X 2",NC               |
| 19   | TF4336   | 4    | PLATE,GROUND ROLLER LOCK             |
| 20   | 21730    | 6    | CAPSCREW,1/2" X 1-1/4",NC            |
| 21   | TF4371   | 1    | SKID SHOE,L/PROFILE-OUTER            |
| 22   | TF1607   | 1    | BAFFLE,FLAIL,96",HD                  |
| 23   | 6T2283   | 10   | CARRIAGE BOLT,3/8" X 1",NC           |
| 24   | 30000    | 1    | GROUND ROLLER,96"                    |
| 25   | TF1045B  | 2    | GRND ROLLER STUB SHAFT               |
| 26   | 6T2330   | 8    | CAPSCREW,7/16" X 1-1/2", SKT HD      |
|      | 06200347 | -    | KIT,STRING GUARD (ITEMS 27, 28 & 30) |
| 27   | 06530217 | 8    | CAPSCREW,1/2" X 2",NC,L9             |
| 28   | 06533006 | 8    | FLATWASHER,1/2",SAE,L9               |
| 29   | TF1018   | 2    | BEARING,FLANGE,2-3/16"               |
| 30   | 31204    | 2    | STRING GUARD,HD                      |
|      | TF1602A  | -    | CUTTERSHAFT ASSY,96IN                |
| 31   | TF1602B  | 1    | CUTTERSHAFT,96"                      |
| 32   | 30411    | 52   | KNIFE MOUNTING BOLT,FLAIL            |
| 33   | TF1020   | 52   | KNIFE MTG CLEVIS,FLAIL               |
| 34   | 33714    | 104  | KNIFE,FLAIL,STANDARD CUT             |
| 35   | 21677    | 52   | NYLOCK NUT,7/16",NC                  |
| 36   | TF4365   | 1    | SKID SHOE,L/PROFILE-INNER            |
| 37   | 06520244 | 1    | FLAP,FRONT,96"                       |
| 38   | 06530001 | 12   | CAPSCREW,SKT HD                      |
| 39   | 06520027 | 2    | CAP,BEARING                          |
| 40   | 06520029 | 2    | O-RING,2-3/4" X 3/32"                |
| 41   | 06520028 | 2    | BEARING,FLANGE,1-3/8"                |
| 42   | 6T2331   | 8    | CAPSCREW,7/16" X 1",SKT HD           |
|      |          |      |                                      |

## **EXTREME DUTY 96IN REAR FLAIL - REV ROT**

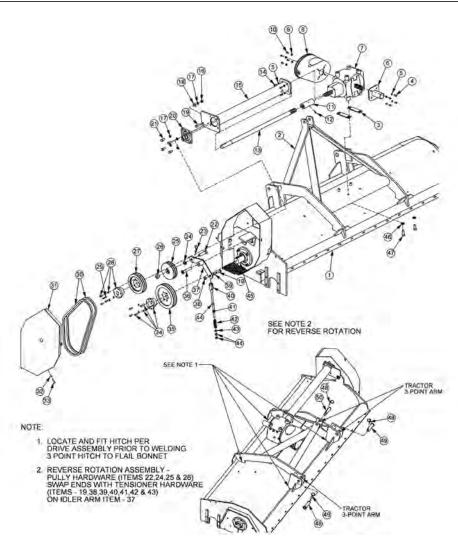


| ITEM | PART NO.         | QTY.                       | DESCRIPTION                         |
|------|------------------|----------------------------|-------------------------------------|
|      | 33007            | -                          | 96IN REAR FLAIL ASSY (STANDARD CUT) |
|      | 33013            | -                          | 96IN REAR FLAIL ASSY (SMOOTH CUT)   |
| 1    | 22045J           | 1                          | BONNET,96"                          |
| 2    | 21732            | 3                          | CAPSCREW,1/2" X 1-3/4",NC           |
|      | 1 <b>TEM</b> 1 2 | 33007<br>33013<br>1 22045J | 33013 -<br>1 22045J 1               |

# **EXTREME DUTY 96IN REAR FLAIL - REV ROT**

| ITEM | PART NO. | QTY. | DESCRIPTION                                                 |
|------|----------|------|-------------------------------------------------------------|
| 3    | 21990    | 22   | LOCKWASHER,1/2"                                             |
| 4    | TF4335   | 1    | ROD,GROUND ROLLER ADJ,LF                                    |
| 5    | 21725    | 22   | HEX NUT,1/2",NC                                             |
| 6    | 21632    | 34   | CAPSCREW,3/8" X 1-1/2",NC                                   |
| 7    | 22016    | 51   | FLATWASHER,3/8"                                             |
| 8    | TF1606   | 1    | BAR,FLAP,TSF/TRF,96"                                        |
| 9    | TF1605   | 1    | FLAP,DEFLECTOR,TSF/TRF,96"                                  |
| 10   | 21625    | 44   | HEX NUT,3/8",NC                                             |
| 13   | TF4334   | 1    | ROD,GROUND ROLLER ADJ,RT                                    |
| 14   | 21731    | 6    | CAPSCREW,1/2" X 1-1/2",NC                                   |
| 15   | TF1040   | 1    | GUARD,CUTTERSHAFT                                           |
| 16   | 21399    | 2    | HEX NUT,3/4",ACME THRD                                      |
| 17   | TF4333A  | 2    | GROUND ROLLER ADJ BRKT                                      |
| 18   | 6T2294   | 8    | PLOW BOLT,1/2" X 2",NC                                      |
| 19   | TF4336   | 4    | PLATE,GROUND ROLLER LOCK                                    |
| 20   | 21730    | 5    | CAPSCREW,1/2" X 1-1/4",NC                                   |
| 21   | TF4371   | 1    | SKID SHOE,L/PROFILE-OUTER                                   |
| 24   | 30000    | 1    | GROUND ROLLER,96"                                           |
| 25   | TF1045B  | 2    | GRND ROLLER STUB SHAFT                                      |
| 26   | 6T2330   | 8    | CAPSCREW,7/16" X 1-1/2", SKT HD                             |
|      | 06200347 | -    | KIT,STRING GUARD (ITEMS 37, 38 & 30)                        |
| 27   | 06530217 | 8    | CAPSCREW,1/2" X 2",NC,L9                                    |
| 28   | 06533006 | 8    | FLATWASHER,1/2",SAE,L9                                      |
| 29   | TF1018   | 2    | BEARING,FLANGE,2-3/16"                                      |
| 30   | 31204    | 2    | STRING GUARD,HD                                             |
|      | TF1602A  | -    | CUTTERSHAFT ASSY (STANDARD CUT) (ITEMS 31, 32, 33, 34 & 35) |
|      | TF1602B  | -    | CUTTERSHAFT ASSY (SMOOTH CUT) (ITEMS 31, 32, 33, 34A & 35)  |
| 31   | TF1602B  | 1    | CUTTERSHAFT,96"                                             |
| 32   | 30411    | 52   | KNIFE MOUNTING BOLT,FLAIL                                   |
| 33   | TF1020   | 52   | KNIFE MTG CLEVIS,FLAIL                                      |
| 34   | 33714    | 104  | KNIFE,FLAIL,STANDARD CUT                                    |
| 34A  | TF1019F  | 52   | KNIFE,FLAIL,SMOOTH CUT (NOT SHOWN)                          |
| 35   | 21677    | 52   | NYLOCK NUT,7/16",NC                                         |
| 36   | TF4365   | 1    | SKID SHOE,L/PROFILE-INNER                                   |
| 37   | TF1608   | 1    | FLAP TRASH GUARD                                            |
| 38   | 06530001 | 12   | CAPSCREW,SKT HD                                             |
| 39   | 06520027 | 2    | CAP,BEARING                                                 |
| 40   | 06520029 | 2    | O-RING,2-3/4" X 3/32"                                       |
| 41   | 06520028 | 2    | BEARING,FLANGE,1-3/8"                                       |
| 42   | 6T2331   | 8    | CAPSCREW,7/16" X 1",SKT HD                                  |
|      |          |      |                                                             |

#### **EXTREME DUTY 96IN REAR FLAIL DRIVE ASSY**



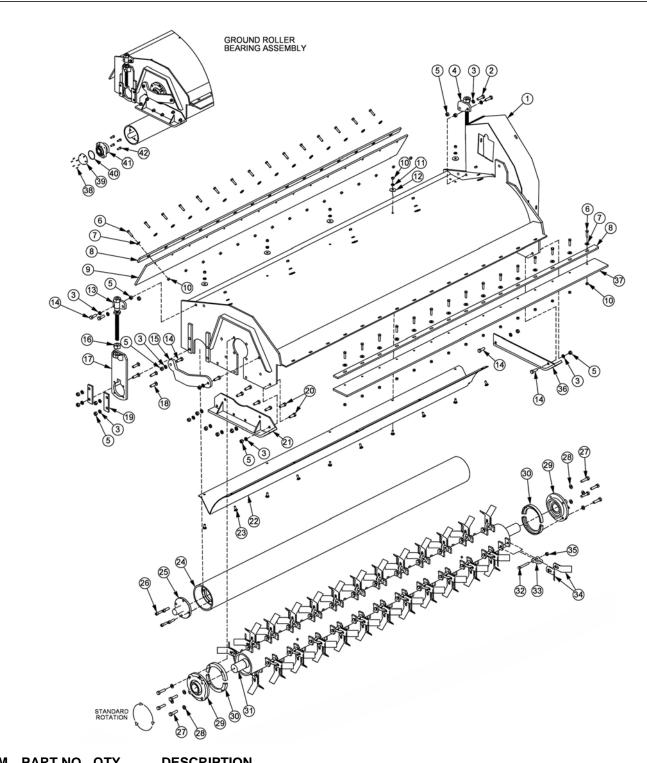
| ITEM | PART NO. | QTY. | DESCRIPTION                   |
|------|----------|------|-------------------------------|
| 1    |          | 1    | BONNET *REFER TO CUTTER ASSY  |
| 2    | 31279A   | 1    | HITCH,3-POINT                 |
| 3    | 40454    | 2    | SPACER                        |
| 4    | 27508    | 4    | CAPSCREW,8MM X 20MM(1.25)     |
| 5    | 6T2619   | 8    | LOCKWASHER,8MM                |
| 6    | 28447E   | 1    | GUARD,OUTPUT SHAFT            |
| 7    | 28505    | 1    | GEARBOX,REAR FLAIL,COMER T22A |
| 8    | 06520181 | 1    | GUARD,PTO,GRBX                |
| 9    | 34948    | 4    | FLATWASHER,8MM                |
| 10   | 27507    | 4    | CAPSCREW,8MM X 15MM(1.25)     |
| 11   | 28914    | 1    | COUPLING,6 SPLINE             |
| 12   | 6T3209   | 1    | GREASE ZERK,1/4" DRIVE        |
| 13   | 28418A   | 1    | OUTPUT EXTENSION SHAFT,96"RCM |
|      | 28420B   | -    | OUTPUT EXTENSION SHAFT,96"R6F |
|      | 28416B   | -    | OUTPUT EXTENSION SHAFT,96"RXF |
|      |          |      |                               |
|      |          |      |                               |

# **EXTREME DUTY 96IN REAR FLAIL DRIVE ASSY**

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| ITEM | PART NO. | QTY. | DESCRIPTION                       |
|------|----------|------|-----------------------------------|
|      | 28419B   | -    | OUTPUT EXTENSION SHAFT,96"OFF     |
| 14   | 30162    | 4    | CAPSCREW,SKT HD,8MMX20MM(1.25)    |
| 15   | 28426A   | 1    | SHAFT GRD,HD,96"RCM               |
|      | 28428B   | -    | SHAFT GRD,HD,96"R6F               |
|      | 28424B   | -    | SHAFT GRD,HD,96"RXF               |
|      | 28427B   | -    | SHAFT GRD,HD,96"OFF               |
| 16   | 21725    | 1    | HEX NUT,1/2",NC                   |
| 17   | 21990    | 5    | LOCKWASHER,1/2"                   |
| 18   | 22018    | 1    | FLATWASHER,1/2",WIDE              |
| 19   | 21732    | 2    | CAPSCREW,1/2" X 1-3/4",NC         |
| 20   | 28571    | 1    | BEARING,FLANGE,1-1/4"             |
| 21   | 21730    | 4    | CAPSCREW,1/2" X 1-1/4",NC         |
| 22   | 28399    | 1    | CAPSCREW,20MM X 80MM(2.5),GR10.9  |
| 23   | 6T3004   | 1    | R-CLIP,HAIRPIN COTTER,3/16"       |
| 24   | 24881    | 1    | LOCKWASHER,20MM                   |
| 25   | 31295    | 1    | SHEAVE,IDLER ASSY,6.3"            |
| 26   | 31740    | 1    | NYLOCK NUT,20MM(2.5)              |
| 27   | TF3043   | 1    | SHEAVE,7.5"                       |
| 28   | 30049    | 2    | BUSHING,QD,SK 1-1/4",1/4" KEY     |
| 29   | 28572    | 1    | KEY,1/4"SQ X 2"                   |
| 30   | TF3023   | 2    | V-BELT(630)                       |
| 31   | 31286A   | 1    | SHIELD,BELT                       |
| 32   | 21988    | 4    | LOCKWASHER,3/8"                   |
| 33   | 21630    | 4    | CAPSCREW,3/8" X 1",NC             |
| 34   | TF3011   | 1    | BUSHING,QD,SK 2-3/16"             |
| 35   | 28570    | 1    | SHEAVE,9.0"                       |
| 36   | TF3605   | 1    | PIN,IDLER ARM                     |
| 37   | TF1180   | 1    | IDLER ARM                         |
| 38   | 6T2418   | 1    | HEX NUT,1/2",NC,GR8(STOVER)       |
| 39   | TF3610   | 1    | BUSHING,IDLER                     |
| 40   | PT3611A  | 1    | CLEVIS                            |
| 41   | 32482    | 1    | ROD,THREADED,1/2-20,NF,12-1/2"    |
| 42   | TF3620A  | 1    | SPRING,TENSIONER                  |
| 43   | 27938    | 1    | BUSHING,MACH,14GA                 |
| 44   | 21700    | 3    | HEX NUT,1/2",NF                   |
| 45   |          | 1    | CUTTERSHAFT *REFER TO CUTTER ASSY |
| 46   | 6T2625   | 4    | LOCKWASHER,16MM                   |
| 47   | 22421    | 4    | CAPSCREW,16MM X 40MM(2.0),GR10.9  |
| 48   | TF1143   | 3    | LYNCH PIN                         |
| 49   | TF1120   | 2    | PIN,CAPPED                        |
| 50   | TB1036   | 1    | PIN                               |
|      |          |      |                                   |

# **EXTREME DUTY 102IN REAR FLAIL - STD ROT**



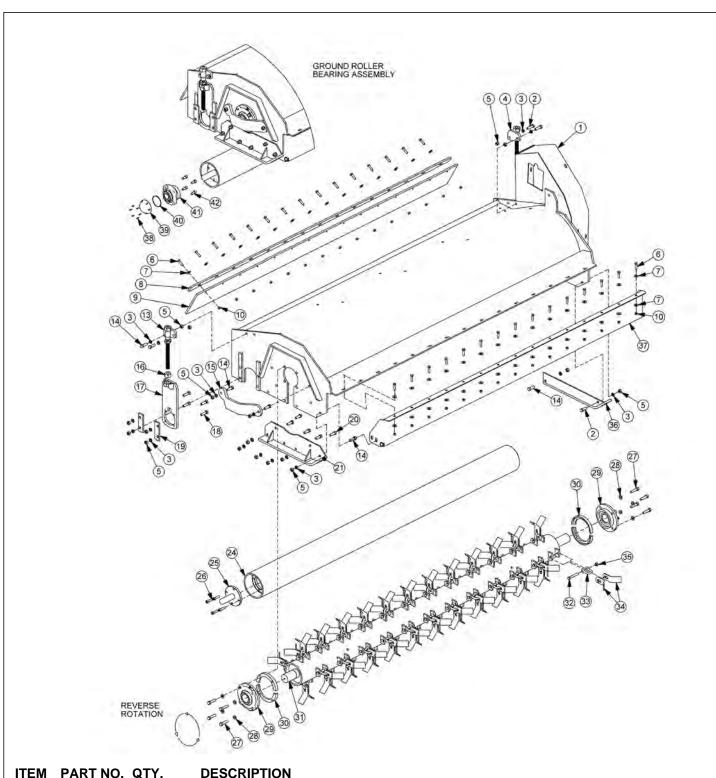
| ITEM | PART NO. | QTY. | DESCRIPTION               |
|------|----------|------|---------------------------|
|      | 33027    | -    | REAR FLAIL ASSY,102IN     |
| 1    | 22046J   | 1    | BONNET,102"               |
| 2    | 21732    | 2    | CAPSCREW,1/2" X 1-3/4",NC |
| 3    | 21990    | 22   | LOCKWASHER,1/2"           |
|      |          |      |                           |

# **EXTREME DUTY 102IN REAR FLAIL - STD ROT**

#### Continued...

| ITEM | PART NO. | QTY. | DESCRIPTION                     |
|------|----------|------|---------------------------------|
| 4    | TF4335   | 1    | ROD,GROUND ROLLER ADJ,LF        |
| 5    | 21725    | 22   | HEX NUT,1/2",NC                 |
| 6    | 21632    | 36   | CAPSCREW,3/8" X 1-1/2",NC       |
| 7    | 22016    | 36   | FLATWASHER,3/8"                 |
| 8    | TF1703   | 2    | BAR,FLAP,TSF/TRF,102"           |
| 9    | TF1704A  | 1    | FLAP,DEFLECTOR,TSF/TRF,102"     |
| 10   | 21625    | 46   | HEX NUT,3/8",NC                 |
| 11   | 21988    | 10   | LOCKWASHER,3/8"                 |
| 12   | 6T2615   | 10   | WASHER,FENDER,3/8"              |
| 13   | TF4334   | 1    | ROD,GROUND ROLLER ADJ,RT        |
| 14   | 21731    | 6    | CAPSCREW,1/2" X 1-1/2",NC       |
| 15   | TF1040   | 1    | GUARD,CUTTERSHAFT               |
| 16   | 21399    | 2    | HEX NUT,3/4",ACME THRD          |
| 17   | TF4333A  | 2    | GROUND ROLLER ADJ BRKT          |
| 18   | 6T2294   | 8    | PLOW BOLT,1/2" X 2",NC          |
| 19   | TF4336   | 4    | PLATE, GROUND ROLLER LOCK       |
| 20   | 21730    | 6    | CAPSCREW,1/2" X 1-1/4",NC       |
| 21   | TF4371   | 1    | SKID SHOE,L/PROFILE-OUTER       |
| 22   | TF1702   | 1    | BAFFLE,FLAIL,102",HD            |
| 23   | 6T2283   | 10   | CARRIAGE BOLT,3/8" X 1",NC      |
| 24   | 28999    | 1    | GROUND ROLLER,102"              |
| 25   | TF1045B  | 2    | GRND ROLLER STUB SHAFT          |
| 26   | 6T2330   | 8    | CAPSCREW,7/16" X 1-1/2", SKT HD |
|      | 06200347 | -    | KIT,STRING GUARD                |
| 27   | 06530217 | 8    | CAPSCREW,1/2" X 2",NC,L9        |
| 28   | 06533006 | 8    | FLATWASHER,1/2",SAE,L9          |
| 29   | TF1018   | 2    | BEARING,FLANGE,2-3/16"          |
| 30   | 31204    | 2    | STRING GUARD,HD                 |
|      | TF1707A  | -    | CUTTERSHAFT ASSY,102"           |
| 31   | TF1707   | 1    | CUTTERSHAFT,102"                |
| 32   | 30411    | 56   | KNIFE MOUNTING BOLT,FLAIL       |
| 33   | TF1020   | 56   | KNIFE MTG CLEVIS,FLAIL          |
| 34   | 33714    | 112  | KNIFE,FLAIL,STANDARD CUT        |
| 35   | 21677    | 56   | NYLOCK NUT,7/16",NC             |
| 36   | TF4365   | 1    | SKID SHOE,L/PROFILE-INNER       |
| 37   | 06520245 | 1    | FLAP,FRONT,102"                 |
| 38   | 06530001 | 12   | CAPSCREW,SKT HD                 |
| 39   | 06520027 | 2    | CAP,BEARING                     |
| 40   | 06520029 | 2    | O-RING,2-3/4" X 3/32"           |
| 41   | 06520028 | 2    | BEARING,FLANGE,1-3/8"           |
| 42   | 6T2331   | 8    | CAPSCREW,7/16" X 1",SKT HD      |

## **EXTREME DUTY 102IN REAR FLAIL - REV ROT**



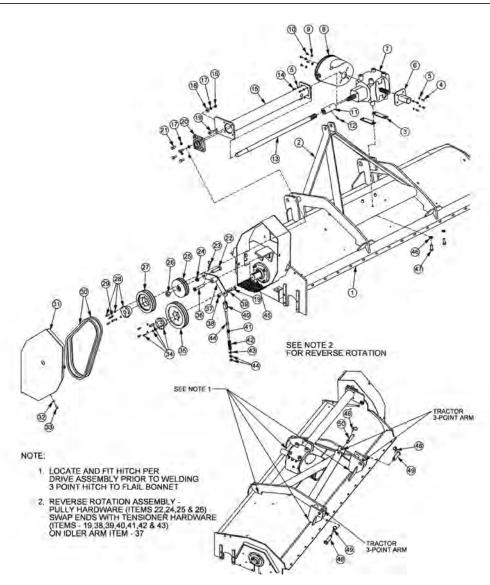
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|---|-------------|----------------|--------------------------------------|
|   | 33030       | -              | 102IN REAR FLAIL ASSY (STANDARD CUT) |
|   | 33033       | -              | 102IN REAR FLAIL ASSY (SMOOTH CUT)   |
| 1 | 22046J      | 1              | BONNET,102"                          |
| 2 | 21732       | 3              | CAPSCREW,1/2" X 1-3/4",NC            |

# **EXTREME DUTY 102IN REAR FLAIL - REV ROT**

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| ITEM | PART NO. | QTY. | DESCRIPTION                                                    |
|------|----------|------|----------------------------------------------------------------|
| 3    | 21990    | 22   | LOCKWASHER,1/2"                                                |
| 4    | TF4335   | 1    | ROD,GROUND ROLLER ADJ,LF                                       |
| 5    | 21725    | 22   | HEX NUT,1/2",NC                                                |
| 6    | 21632    | 36   | CAPSCREW,3/8" X 1-1/2",NC                                      |
| 7    | 22016    | 51   | FLATWASHER,3/8"                                                |
| 8    | TF1703   | 1    | BAR,FLAP,TSF/TRF,102"                                          |
| 9    | TF1704A  | 1    | FLAP,DEFLECTOR,TSF/TRF,102"                                    |
| 10   | 21625    | 46   | HEX NUT,3/8",NC                                                |
| 13   | TF4334   | 1    | ROD,GROUND ROLLER ADJ,RT                                       |
| 14   | 21731    | 6    | CAPSCREW,1/2" X 1-1/2",NC                                      |
| 15   | TF1040   | 1    | GUARD,CUTTERSHAFT                                              |
| 16   | 21399    | 2    | HEX NUT,3/4",ACME THRD                                         |
| 17   | TF4333A  | 2    | GROUND ROLLER ADJ BRKT                                         |
| 18   | 6T2294   | 8    | PLOW BOLT,1/2" X 2",NC                                         |
| 19   | TF4336   | 4    | PLATE, GROUND ROLLER LOCK                                      |
| 20   | 21730    | 5    | CAPSCREW,1/2" X 1-1/4",NC                                      |
| 21   | TF4371   | 1    | SKID SHOE,L/PROFILE-OUTER                                      |
| 24   | 28999    | 1    | GROUND ROLLER,102"                                             |
| 25   | TF1045B  | 2    | GRND ROLLER STUB SHAFT                                         |
| 26   | 6T2330   | 8    | CAPSCREW,7/16" X 1-1/2", SKT HD                                |
|      | 06200347 | -    | KIT,STRING GUARD (ITEMS 27, 28 & 30)                           |
| 27   | 06530217 | 8    | CAPSCREW,1/2" X 2",NC,L9                                       |
| 28   | 06533006 | 8    | FLATWASHER,1/2",SAE,L9                                         |
| 29   | TF1018   | 2    | BEARING,FLANGE,2-3/16"                                         |
| 30   | 31204    | 2    | STRING GUARD                                                   |
|      | TF1707A  | -    | CUTTERSHAFT ASSY (STANDARD CUT) (ITEMS 31, 32, 33, 34 $\&$ 35) |
|      | TF1707B  | -    | CUTTERSHAFT ASSY (SMOOTH CUT) (ITEMS 31, 32, 33, 34A & 35)     |
| 31   | TF1707   | 1    | CUTTERSHAFT,102"                                               |
| 32   | 30411    | 56   | KNIFE MOUNTING BOLT,FLAIL                                      |
| 33   | TF1020   | 56   | KNIFE MTG CLEVIS,FLAIL                                         |
| 34   | 33714    | 112  | KNIFE,FLAIL,STANDARD CUT                                       |
| 34A  | TF1019F  | 56   | KNIFE,FLAIL,SMOOTH CUT (NOT SHOWN)                             |
| 35   | 21677    | 56   | NYLOCK NUT,7/16",NC                                            |
| 36   | TF4365   | 1    | SKID SHOE,L/PROFILE-INNER                                      |
| 37   | TF1701   | 1    | FRONT TRASH GUARD                                              |
| 38   | 06530001 | 12   | CAPSCREW,SKT HD                                                |
| 39   | 06520027 | 2    | CAP,BEARING                                                    |
| 40   | 06520029 | 2    | O-RING,2-3/4" X 3/32"                                          |
| 41   | 06520028 | 2    | BEARING,FLANGE,1-3/8"                                          |
| 42   | 6T2331   | 8    | CAPSCREW,7/16" X 1",SKT HD                                     |
|      |          |      |                                                                |

#### **EXTREME DUTY 102IN REAR FLAIL DRIVE ASSY**



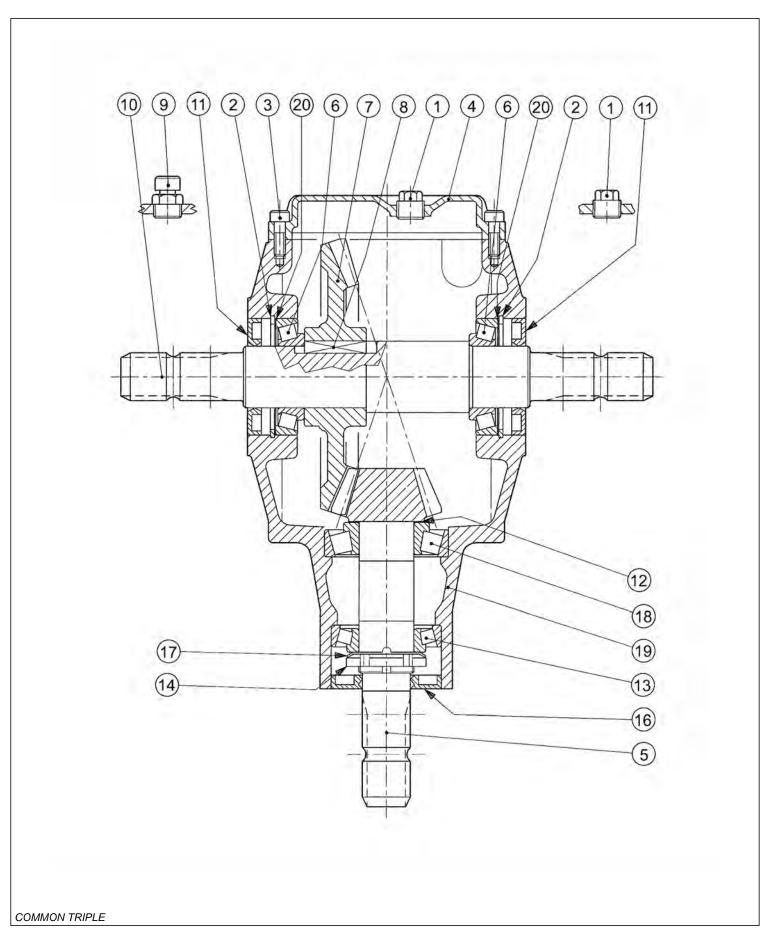
| ITEM | PART NO. | QTY. | DESCRIPTION                    |
|------|----------|------|--------------------------------|
| 1    |          | 1    | BONNET *REFER TO CUTTER ASSY   |
| 2    | 31279A   | 1    | HITCH,3-POINT                  |
| 3    | 40454    | 2    | SPACER                         |
| 4    | 27508    | 4    | CAPSCREW,8MM X 20MM(1.25)      |
| 5    | 6T2619   | 8    | LOCKWASHER,8MM                 |
| 6    | 28447E   | 1    | GUARD,OUTPUT SHAFT             |
| 7    | 28505    | 1    | GEARBOX,REAR FLAIL,COMER T22A  |
| 8    | 06520181 | 1    | GUARD,PTO,GRBX                 |
| 9    | 34948    | 4    | FLATWASHER,8MM                 |
| 10   | 27507    | 4    | CAPSCREW,8MM X 15MM(1.25)      |
| 11   | 28914    | 1    | COUPLING,6 SPLINE              |
| 12   | 6T3209   | 1    | GREASE ZERK,1/4" DRIVE         |
| 13   | 28421A   | 1    | OUTPUT EXTENSION SHAFT,102"RCM |
|      |          |      |                                |
|      |          |      |                                |

# **EXTREME DUTY 102IN REAR FLAIL DRIVE ASSY**

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| ITEM | PART NO. | QTY. | DESCRIPTION                       |
|------|----------|------|-----------------------------------|
|      | 28417B   | -    | OUTPUT EXTENSION SHAFT,102"R6F    |
|      | 28419B   | _    | OUTPUT EXTENSION SHAFT,102"OFF    |
| 14   | 30162    | 4    | CAPSCREW,SKT HD,8MM X 20MM(1.25)  |
| 15   | 28429A   | 1    | SHAFT GRD,HD,102"RCM              |
|      | 28425B   | _    | SHAFT GRD,HD,102"R6F              |
|      | 28427B   | -    | SHAFT GRD,HD,102"ROFF             |
| 16   | 21725    | 1    | HEX NUT,1/2",NC                   |
| 17   | 21990    | 5    | LOCKWASHER,1/2"                   |
| 18   | 22018    | 1    | FLATWASHER,1/2",WIDE              |
| 19   | 21732    | 2    | CAPSCREW,1/2" X 1-3/4",NC         |
| 20   | 28571    | 1    | BEARING,FLANGE,1-1/4"             |
| 21   | 21730    | 4    | CAPSCREW,1/2" X 1-1/4",NC         |
| 22   | 28399    | 1    | CAPSCREW,20MM X 80MM(2.5),GR10.9  |
| 23   | 6T3004   | 1    | R-CLIP,HAIRPIN COTTER,3/16"       |
| 24   | 24881    | 1    | LOCKWASHER,20MM                   |
| 25   | 31295    | 1    | SHEAVE,IDLER ASSY,6.3"            |
| 26   | 31740    | 1    | NYLOCK NUT,20MM(2.5)              |
| 27   | TF3043   | 1    | SHEAVE,7.5"                       |
| 28   | 30049    | 2    | BUSHING,QD,SK 1-1/4",1/4" KEY     |
| 29   | 28572    | 1    | KEY,1/4"SQ X 2"                   |
| 30   | TF3023   | 2    | V-BELT(630)                       |
| 31   | 31286A   | 1    | SHIELD,BELT                       |
| 32   | 21988    | 4    | LOCKWASHER,3/8"                   |
| 33   | 21630    | 4    | CAPSCREW,3/8" X 1",NC             |
| 34   | TF3011   | 1    | BUSHING,QD,SK 2-3/16"             |
| 35   | 28570    | 1    | SHEAVE,9.0"                       |
| 36   | TF3605   | 1    | PIN,IDLER ARM                     |
| 37   | TF1180   | 1    | IDLER ARM                         |
| 38   | 6T2418   | 1    | HEX NUT,1/2",NC,GR8(STOVER)       |
| 39   | TF3610   | 1    | BUSHING,IDLER                     |
| 40   | PT3611A  | 1    | CLEVIS                            |
| 41   | 32482    | 1    | ROD,THREADED,1/2-20,NF,12-1/2"    |
| 42   | TF3620A  | 1    | SPRING, TENSIONER                 |
| 43   | 27938    | 1    | BUSHING,MACH,14GA                 |
| 44   | 21700    | 3    | HEX NUT,1/2",NF                   |
| 45   |          | 1    | CUTTERSHAFT *REFER TO CUTTER ASSY |
| 46   | 6T2625   | 4    | LOCKWASHER,16MM                   |
| 47   | 22421    | 4    | CAPSCREW,16MM X 40MM(2.0),GR10.9  |
| 48   | TF1143   | 3    | LYNCH PIN                         |
| 49   | TF1120   | 2    | PIN,CAPPED                        |
| 50   | TB1036   | 1    | PIN                               |
|      |          |      |                                   |

#### **EXTREME DUTY REAR GEAR BOX ASSY**

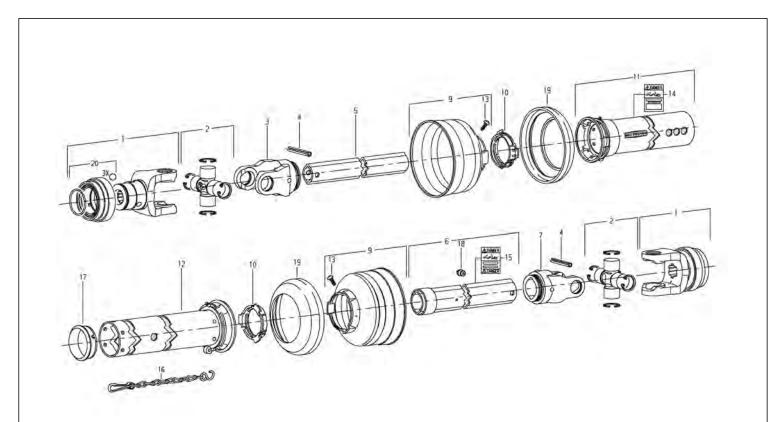


## **EXTREME DUTY REAR GEAR BOX ASSY**

#### Continued...

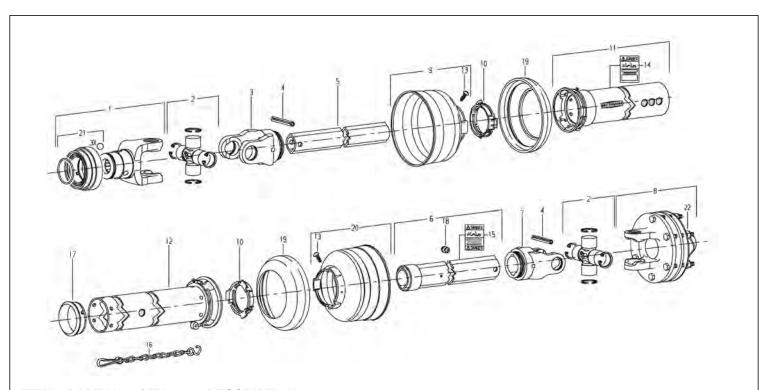
| ITEM | PART NO. | QTY. | DESCRIPTION            |
|------|----------|------|------------------------|
|      | 28505    | -    | GEAR BOX,REAR FLAIL,HD |
| 1    | 28592    | 2    | PLUG,1/2",GAS          |
| 2    | 28593    | 2    | SNAP RING              |
| 3    | 28594    | 6    | CAPSCREW,8MM X 25MM    |
| 4    | 28595    | 1    | SHIM                   |
| 6    | 28597    | 2    | BEARING                |
| 7    | 28598    | 1    | GEAR                   |
| 8    | 28599    | 1    | PARALLEL KEY           |
| 9    | 28600    | 1    | OIL FILLER PLUG        |
| 10   | 28601    | 1    | SHAFT                  |
| 11   | 28602    | 2    | OIL SEAL               |
| 12   | 28603    | 1    | SHIM                   |
| 13   | 28604    | 1    | BEARING                |
| 14   | 28605    | 1    | LOCK NUT               |
| 15   | 28606    | 1    | PINION                 |
| 16   | 28607    | 1    | DOUBLE LIP SEAL        |
| 17   | 28608    | 1    | SPRING WASHER          |
| 18   | 28609    | 1    | BEARING                |
| 19   | 28591    | 1    | CASTING                |
| 20   | 28596    | 2    | SHIM                   |

## **PTO SHAFT ASSEMBLY**



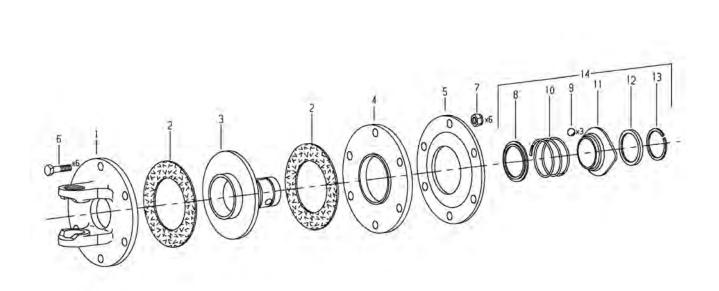
| ITEM | PART NO. | QTY. | DESCRIPTION           |
|------|----------|------|-----------------------|
|      | 06520414 | -    | PTO,DRV SHFT,TRF      |
| 1    | 00775353 | 2    | YOKE 1-3/8"-6 SPL.    |
| 2    | 00189700 | 2    | CROSS & BEARING KIT   |
| 3    | 00775317 | 1    | INBOARD YOKE 1B       |
| 4    | 00756934 | 2    | SPRING PIN            |
| 5    |          | 1    | INNER PROFILE 1B      |
| 6    |          | 1    | PROFILE & SLEEVE      |
| 7    | 00775318 | 1    | INBOARD YOKE 2A       |
| 9    | 06505010 | 2    | GUARD CONE            |
| 10   | 8393     | 2    | BEARING RING          |
| 11   |          | 1    | GUARD TUBE,OUTER      |
| 12   |          | 1    | GUARD TUBE,INNER      |
| 13   | 00759217 | 2    | SCREW (ITEM 9)        |
| 14   | 00756005 | 1    | DECAL,OUTER (ITEM 11) |
| 15   | 00756004 | 1    | DECAL,INNER (ITEM 6)  |
| 16   | 1416412  | 1    | RESTRAINT CHAIN       |
| 17   |          | 1    | SUPPORT BEARING       |
| 18   |          | 1    | ZERK (ITEM 6)         |
| 19   |          | 2    | REINFORCING COLLAR    |
| 20   | 00767954 | -    | KIT,COLLAR (ITEM 1)   |
|      |          |      |                       |

# PTO SHAFT ASSEMBLY WITH CLUTCH



| ITEM | PART NO.   | QTY. | DESCRIPTION             |
|------|------------|------|-------------------------|
|      | 06520415   | -    | PTO,DRV SHFT,TRF,CLUTCH |
| 1    | 00775353   | 1    | YOKE 1-3/8"-6 SPL.      |
| 2    | 00189700   | 2    | CROSS & BEARING KIT     |
| 3    | 00775317   | 1    | INBOARD YOKE 1B         |
| 4    | 00756934   | 2    | SPRING PIN              |
| 5    |            | 1    | INNER PROFILE 1B        |
| 6    |            | 1    | PROFILE & SLEEVE        |
| 7    | 00775318   | 1    | INBOARD YOKE 2A         |
| 8    | 00775365   | 1    | FRICTION CLUTCH         |
| 9    | 06505010   | 2    | GUARD CONE              |
| 10   | 8393       | 2    | BEARING RING            |
| 11   |            | 1    | GUARD TUBE,OUTER        |
| 12   |            | 1    | GUARD TUBE,INNER        |
| 13   | 00759217   | 2    | SCREW (ITEM 9)          |
| 14   | 00756005   | 1    | DECAL,OUTER (ITEM 11)   |
| 15   | 00756004   | 1    | DECAL,INNER (ITEM 6)    |
| 16   | 1416412    | 1    | RESTRAINT CHAIN         |
| 17   |            | 1    | SUPPORT BEARING         |
| 18   |            | 1    | ZERK (ITEM 6)           |
| 19   |            | 2    | REINFORCING COLLAR      |
| 20   |            | 1    | GUARD CONE              |
| 21   | 00767954   | -    | KIT,COLLAR (ITEM 1)     |
| 22   | 0921000470 | -    | KIT,FLANGE (ITEM 8)     |
|      |            |      |                         |

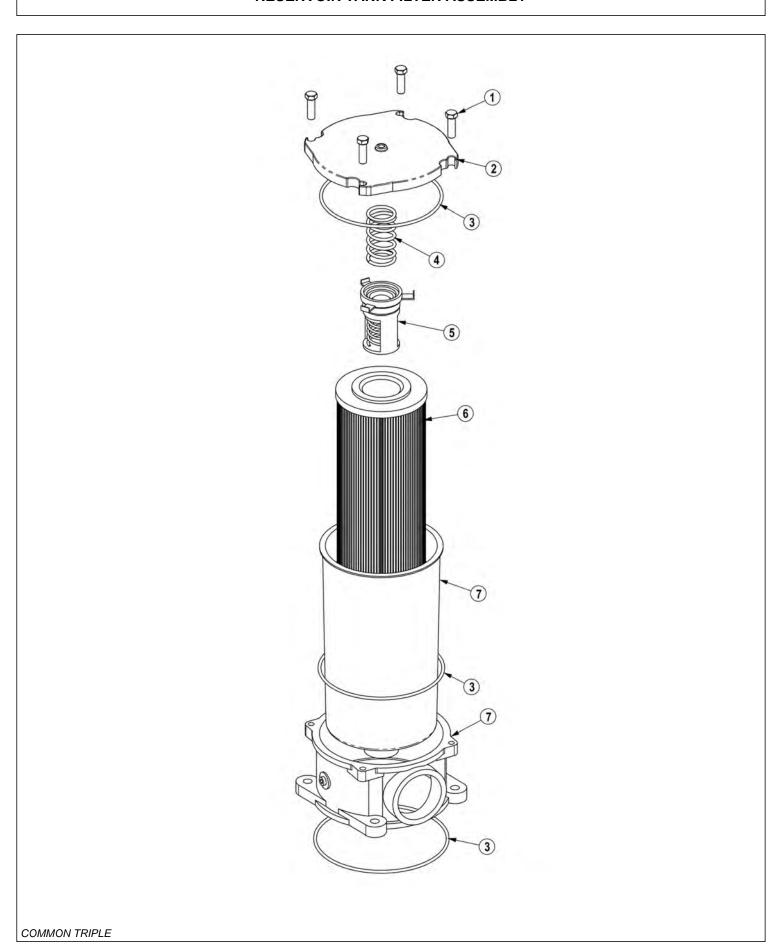
# **CLUTCH ASSEMBLY**



| ITEM | PART NO.   | QTY. | DESCRIPTION          |
|------|------------|------|----------------------|
|      | 00775365   | -    | CLUTCH ASSY          |
| 1    |            | 1    | FLANGE YOKE          |
| 2    |            | 2    | FRICTION DISC        |
| 3    |            | 1    | HUB                  |
| 4    |            | 1    | THRUST PLATE         |
| 5    |            | 1    | BELLE VILLE SPRING   |
| 6    |            | 6    | HEX BOLT             |
| 7    |            | 6    | HEX LOCKNUT          |
| 8    |            | 1    | BACK-UP RING         |
| 9    |            | 3    | BALL                 |
| 10   |            | 1    | COMPRESSION SPRING   |
| 11   |            | 1    | LOCK COLLAR          |
| 12   |            | 1    | BACK-UP RING         |
| 13   |            | 1    | SNAP RING            |
| 14   | 0921000470 | -    | KIT(ITEMS 8 THRU 13) |

|  | NOTES | 6 |  |
|--|-------|---|--|
|  |       |   |  |
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# **RESERVOIR TANK FILTER ASSEMBLY**



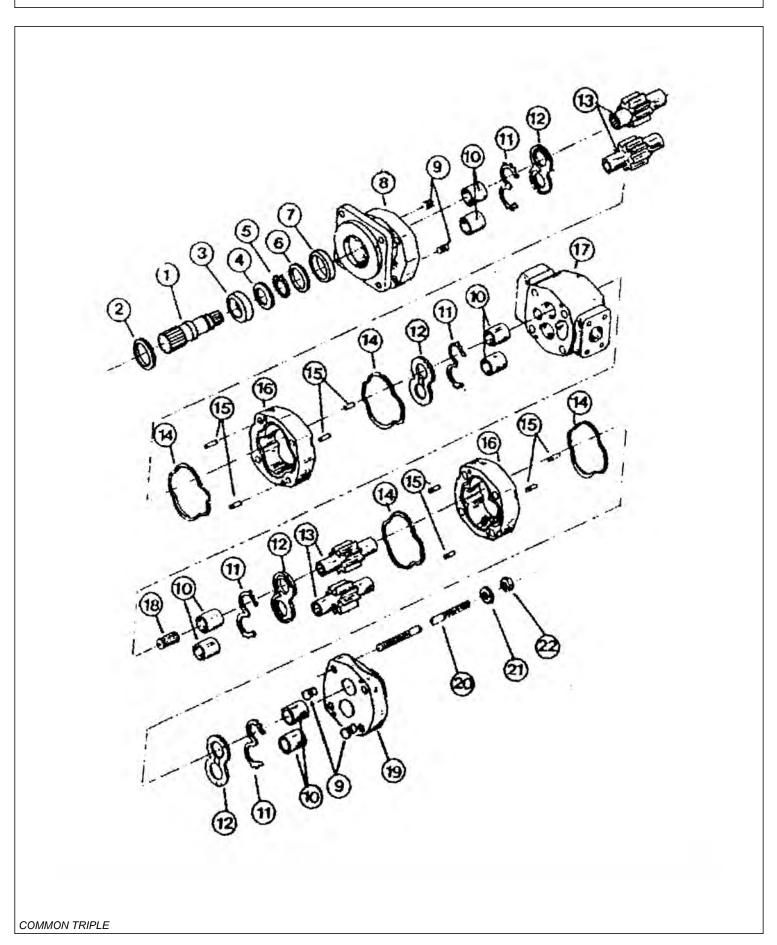
# RESERVOIR TANK FILTER ASSEMBLY

### Continued...

| ITEM | PART NO. | QTY. | DESCRIPTION                     |
|------|----------|------|---------------------------------|
|      | 06505044 | -    | FILTER ASSY SAE 10 MICRON       |
| 1    | 28583    | 4    | CAPSCREW,8MM X 25MM(1.25 PITCH) |
| 2    | 06505045 | 1    | COVER                           |
| 3    | 06505046 | 1    | SEAL KIT                        |
| 4    | 06505047 | 1    | SPRING                          |
| 5    | 06505048 | 1    | BYPASS                          |
| 6    | 35259    | 1    | FILTER,10 MIC,RETURN LINE       |
| 7    | 06505049 | 1    | CAN/BODY                        |

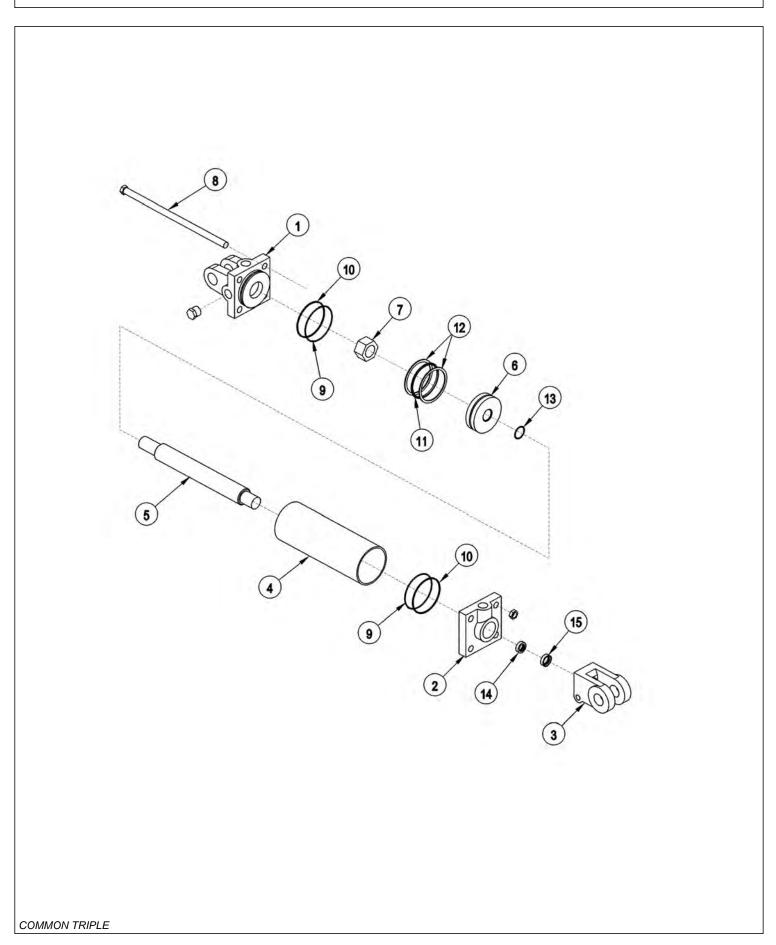
COMMON TRIPLE

# FRONT HYDRAULIC PUMP BREAKDOWN

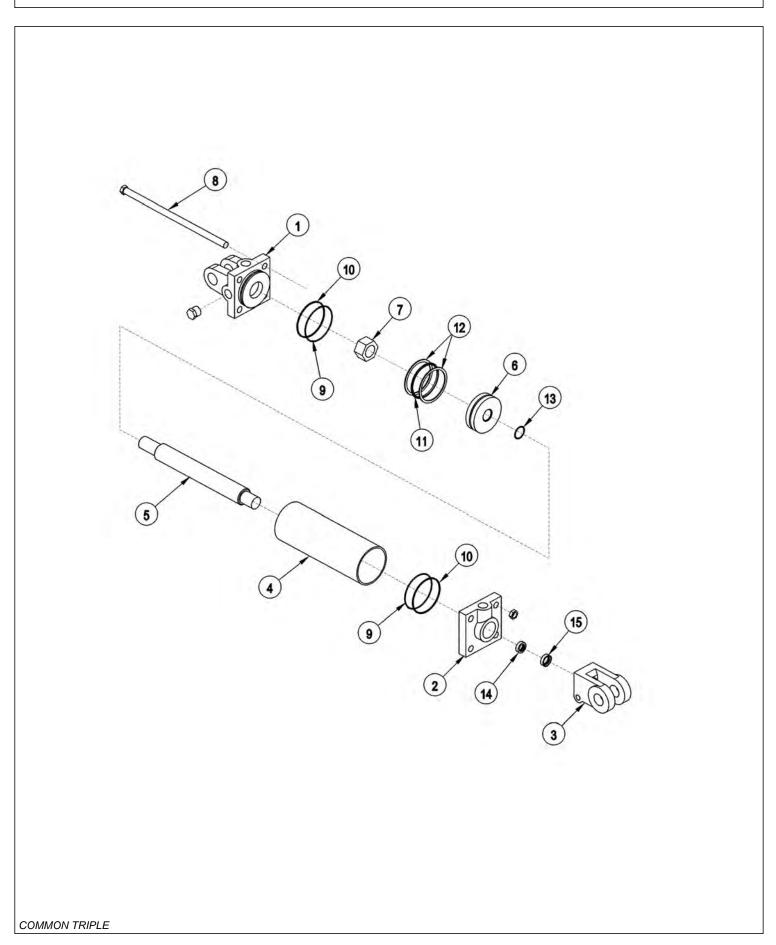


# FRONT HYDRAULIC PUMP BREAKDOWN

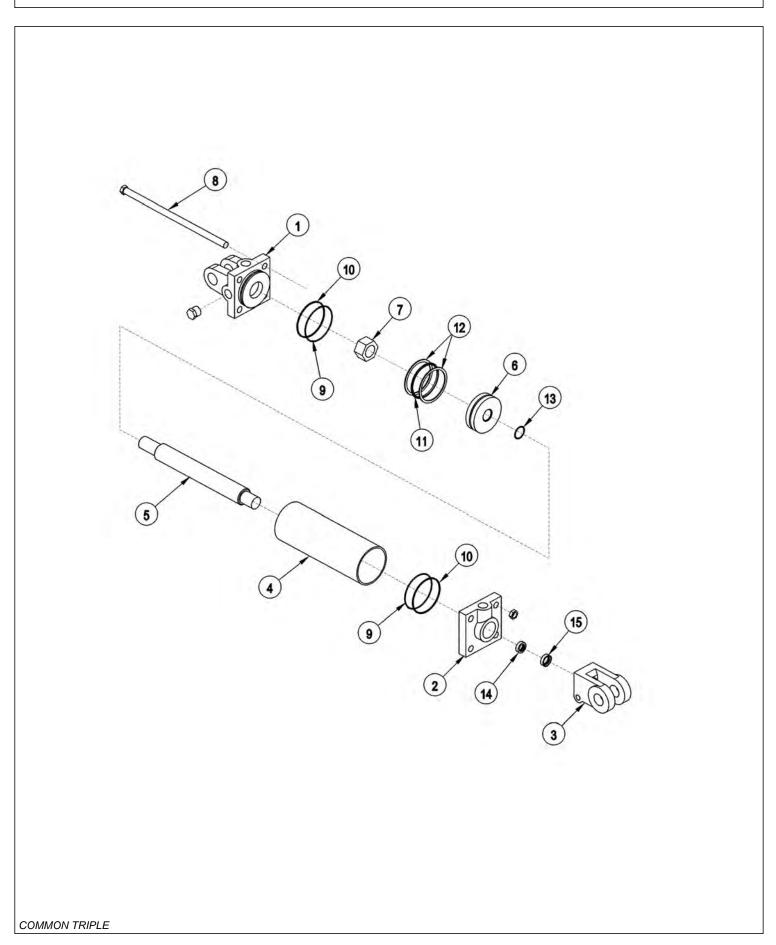
| ITEM | PART NO. | QTY. | DESCRIPTION                            |
|------|----------|------|----------------------------------------|
|      | TF4450   | 1    | FRONT MOUNTED PUMP P330                |
| 1    | TF4459   | 1    | CONTINENTAL SHAFT                      |
| 2    | TF4451   | 1    | SNAP RING                              |
| 3    | TF4452   | 1    | OUTBOARD BEARING                       |
| 4    | TF4467   | 1    | BEARING RETAINER RING                  |
| 5    | TF4472   | 1    | RETAINING RING                         |
| 6    | TF4473   | 1    | SPACER                                 |
| 7    | TF4453   | 1    | LIP SEAL                               |
| 8    | TF4454   | 1    | SHAFT END COVER                        |
| 9    | TF4455   | 4    | PLUG                                   |
| 10   | TF4456   | 8    | BUSHING                                |
| 11   | TF4457   | 4    | CHANNEL SEAL                           |
| 12   | TF4458   | 4    | THRUST PLATE                           |
| 13   | TF4466   | -    | MATCHED GEAR SET                       |
| 14   | TF4460   | 4    | GASKET SEAL                            |
| 15   | TF4461   | 8    | DOWEL PINS                             |
| 16   | TF4462   | 2    | GEAR HOUSING (FOR 1-1/2" GEARS)        |
| 17   | TF4463   | 1    | BEARING CARRIER                        |
| 18   | TF4465   | 1    | CONNECTING SHAFT                       |
| 19   | TF4468   | 1    | PORT END COVER                         |
| 20   | TF4469   | 4    | STUD                                   |
| 21   | TF4415   | 4    | WASHER                                 |
| 22   | TF4471   | 4    | NUT                                    |
|      | TF4474   | 1    | SEAL KIT (INCLUDES ITEM 7, 11, AND 14) |



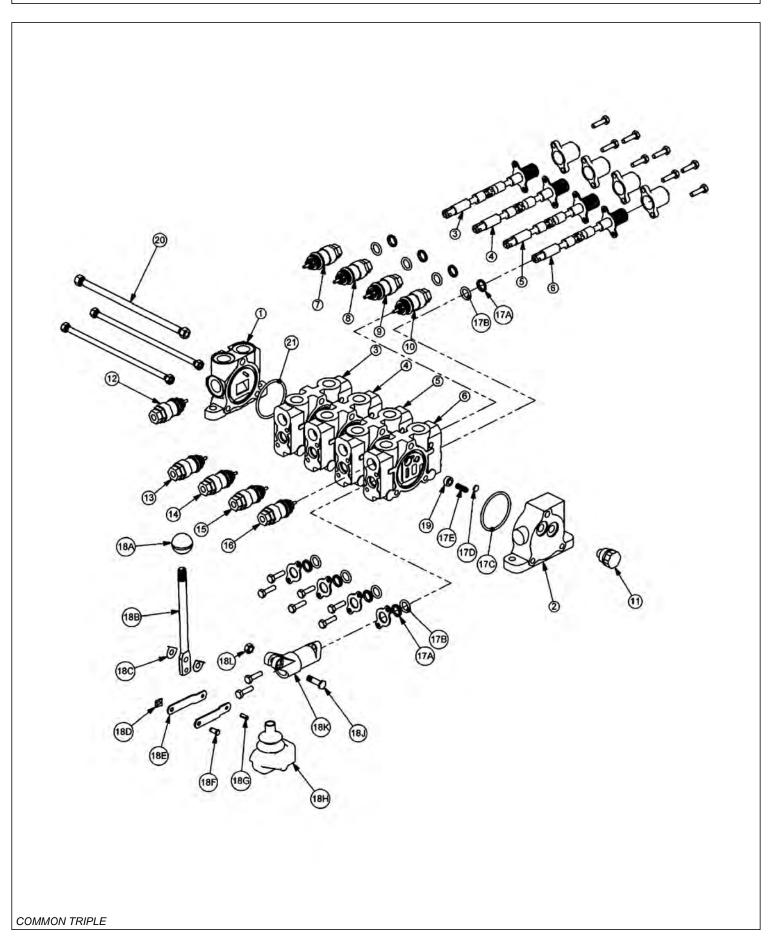
| ITEM | PART NO. | QTY. | DESCRIPTION      |
|------|----------|------|------------------|
|      | 31211    | -    | CYLINDER 3" X 8" |
| 1    | 6T0167   | 1    | CYLINDER BUTT    |
| 2    | 6T0170   | 1    | CYLINDER GLAND   |
| 3    | 6T0178   | 1    | CLEVIS END       |
| 4    | 23870    | 1    | CYLINDER TUBE    |
| 5    | 23869    | 1    | PISTON ROD       |
| 6    | 6T0173   | 1    | PISTON           |
| 7    | 6T0179   | 1    | LOCKNUT          |
| 8    | 21749    | 4    | TIE ROD ASY      |
|      | 06501579 | -    | SEAL KIT         |
| 9    |          | 2    | O - RING         |
| 10   |          | 2    | BACK - UP WASHER |
| 11   |          | 1    | O - RING         |
| 12   |          | 2    | BACK - UP WASHER |
| 13   |          | 1    | O - RING         |
| 14   |          | 1    | U - CUP          |
| 15   |          | 1    | WIPER            |



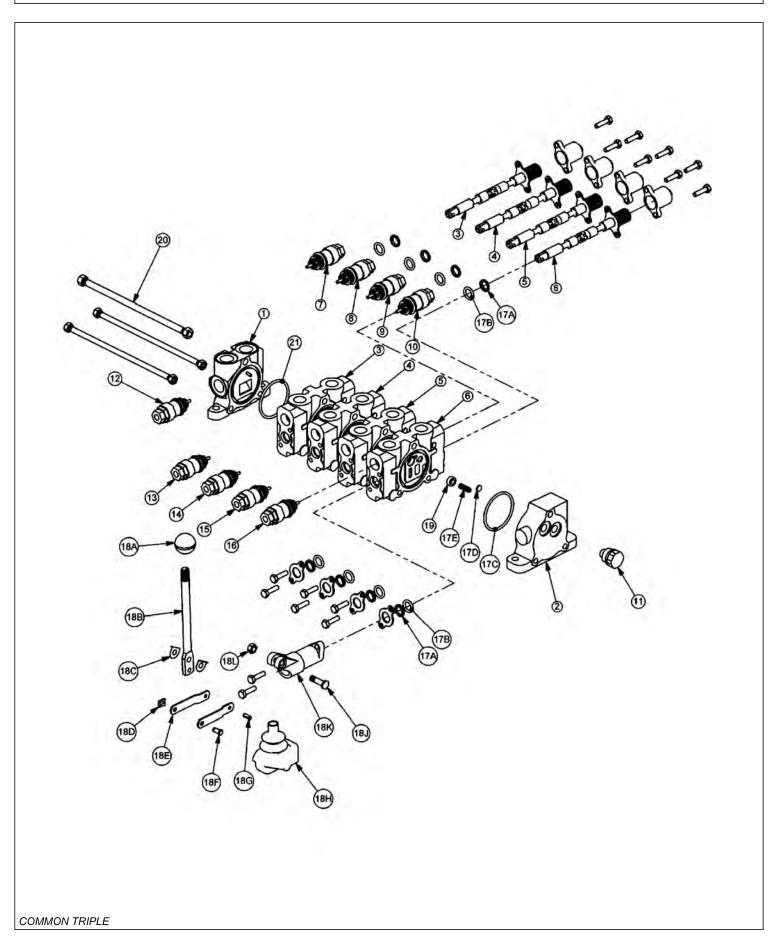
| ITEM | PART NO. | QTY. | DESCRIPTION       |
|------|----------|------|-------------------|
|      | 25343    | -    | CYLINDER 3" X 12" |
| 1    | 6T0167   | 1    | CYLINDER BUTT     |
| 2    | 6T0170   | 1    | CYLINDER GLAND    |
| 3    | 6T0178   | 1    | CLEVIS END        |
| 4    | 23870    | 1    | CYLINDER TUBE     |
| 5    | 23869    | 1    | PISTON ROD        |
| 6    | 6T0173   | 1    | PISTON            |
| 7    | 6T0179   | 1    | LOCKNUT           |
| 8    | 21749    | 4    | TIE ROD ASY       |
|      | 6T0187   | -    | SEAL KIT          |
| 9    |          | 2    | O - RING          |
| 10   |          | 2    | BACK - UP WASHER  |
| 11   |          | 1    | O - RING          |
| 12   |          | 2    | BACK - UP WASHER  |
| 13   |          | 1    | O - RING          |
| 14   |          | 1    | U - CUP           |
| 15   |          | 1    | WIPER             |



| ITEM | PART NO. | QTY. | DESCRIPTION       |
|------|----------|------|-------------------|
|      | 32215    | -    | CYLINDER 3" X 12" |
| 1    | 6T0167   | 1    | CYLINDER BUTT     |
| 2    | 6T0170   | 1    | CYLINDER GLAND    |
| 3    | 6T0178   | 1    | CLEVIS END        |
| 4    | 6T0204   | 1    | CYLINDER TUBE     |
| 5    | 6T0203   | 1    | PISTON ROD        |
| 6    | 6T0173   | 1    | PISTON            |
| 7    | 6T0179   | 1    | LOCKNUT           |
| 8    | 6T0205   | 4    | TIE ROD ASY       |
|      | 6T0187   | -    | SEAL KIT          |
| 9    |          | 2    | O - RING          |
| 10   |          | 2    | BACK - UP WASHER  |
| 11   |          | 1    | O - RING          |
| 12   |          | 2    | BACK - UP WASHER  |
| 13   |          | 1    | O - RING          |
| 14   |          | 1    | U - CUP           |
| 15   |          | 1    | WIPER             |

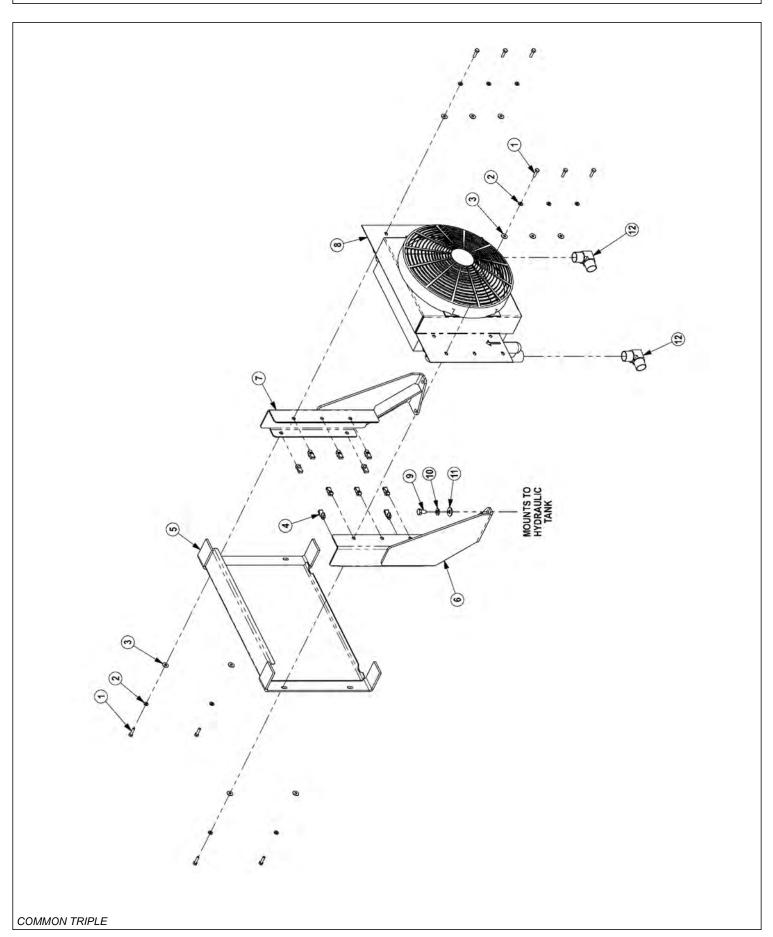


| 1 |      |          |      |                                               |
|---|------|----------|------|-----------------------------------------------|
|   | ITEM | PART NO. | QTY. | DESCRIPTION                                   |
|   |      | 31190    | -    | VALVE,4 SPOOL,LOAD SENSE                      |
|   | 1    | 31595    | 1    | INLET END COVER                               |
|   | 2    | 31594    | 1    | END COVER, LOAD SENSE                         |
|   | 3    | 31600    | 1    | VALVE SECTION (DOUBLE ACTING, DETENT - FLOAT) |
|   | 4    | 31600    | 1    | VALVE SECTION (DOUBLE ACTING, DETENT - FLOAT) |
|   | 5    | 31600    | 1    | VALVE SECTION (DOUBLE ACTING, DETENT - FLOAT) |
|   | 6    | 31600    | 1    | VALVE SECTION (DOUBLE ACTING, DETENT - FLOAT) |
|   | 7    | 31861    | 1    | RELIEF VALVE, 360 PSI                         |
|   | 8    | 06503067 | 1    | #10 O-RING PLUG                               |
|   | 9    | 06503067 | 1    | #10 O-RING PLUG                               |
|   | 10   | 31861    | 1    | RELIEF VALVE, 360 PSI                         |
|   | 11   | 06503068 | 1    | #6 O-RING PLUG                                |
|   | 12   | 6T4209   | 1    | #10 O-RING PLUG                               |
|   | 13   | 31862    | 1    | RELIEF VALVE, 2175 PSI                        |
|   | 14   | 31862    | 1    | RELIEF VALVE, 2175 PSI                        |
|   | 15   | 31862    | 1    | RELIEF VALVE, 2175 PSI                        |
|   | 16   | 31862    | 1    | RELIEF VALVE, 2175 PSI                        |
|   | 17   | 31593    | 4    | VALVE SEAL KIT (FOR ONE SECTION)              |
|   | 17A  |          | 2    | WIPER                                         |
|   | 17B  |          | 2    | O-RING SMALL                                  |
|   | 17C  |          | 1    | O-RING LARGE                                  |
|   | 17D  |          | 1    | SHUTTLE DISC                                  |
|   | 17E  |          | 1    | SPRING                                        |
|   | 18   | TB1017L  | 4    | LEVER KIT (FOR ONE SECTION)                   |
|   | 18A  |          | 1    | LEVER KNOB                                    |
|   | 18B  |          | 1    | LEVER                                         |
|   | 18C  |          | 2    | LEVER WASHER                                  |
|   | 18D  |          | 1    | LEVER CLIP                                    |
|   | 18E  |          | 2    | LINKAGE                                       |
|   | 18F  |          | 1    | LEVER PIN                                     |
|   | 18G  |          | 1    | ROLL PIN                                      |
|   | 18H  |          | 1    | LEVER BOOT                                    |
|   | 18J  |          | 1    | LEVER BOLT                                    |
|   | 18K  |          | 1    | LEVER DUST COVER                              |
|   | 18L  |          | 1    | LEVER NUT                                     |
|   | 19   | 31603    | 4    | COMPENSATOR                                   |
|   | 20   | TB1017U  | 1    | TIE ROD KIT                                   |
|   | 21   | 24214    | 1    | O-RING, LARGE                                 |
|   |      |          |      |                                               |



| ITEM | PART NO. | QTY. | DESCRIPTION                                   |
|------|----------|------|-----------------------------------------------|
|      | 06502046 | -    | VALVE,4 SPOOL,LOAD SENSE                      |
| 1    | 31595    | 1    | INLET END COVER                               |
| 2    | 31594    | 1    | END COVER, LOAD SENSE                         |
| 3    | 31600    | 1    | VALVE SECTION (DOUBLE ACTING, DETENT - FLOAT) |
| 4    | 31600    | 1    | VALVE SECTION (DOUBLE ACTING, DETENT - FLOAT) |
| 5    | 31600    | 1    | VALVE SECTION (DOUBLE ACTING, DETENT - FLOAT) |
| 6    | 31600    | 1    | VALVE SECTION (DOUBLE ACTING, DETENT - FLOAT) |
| 7    | 31861    | 1    | RELIEF VALVE, 360 PSI                         |
| 8    | 06503067 | 1    | #10 O-RING PLUG                               |
| 9    | 06503067 | 1    | #10 O-RING PLUG                               |
| 10   | 31861    | 1    | RELIEF VALVE, 360 PSI                         |
| 11   | 06503068 | 1    | #6 O-RING PLUG                                |
| 12   | 6T4209   | 1    | #10 O-RING PLUG                               |
| 13   | 31862    | 1    | RELIEF VALVE, 2175 PSI                        |
| 14   | 31862    | 1    | RELIEF VALVE, 2175 PSI                        |
| 15   | 31862    | 1    | RELIEF VALVE, 2175 PSI                        |
| 16   | 31862    | 1    | RELIEF VALVE, 2175 PSI                        |
| 17   | 31593    | 4    | VALVE SEAL KIT (FOR ONE SECTION)              |
| 17A  |          | 2    | WIPER                                         |
| 17B  |          | 2    | O-RING SMALL                                  |
| 17C  |          | 1    | O-RING LARGE                                  |
| 17D  |          | 1    | SHUTTLE DISC                                  |
| 17E  |          | 1    | SPRING                                        |
| 18   | TB1017L  | 4    | LEVER KIT (FOR ONE SECTION)                   |
| 18A  |          | 1    | LEVER KNOB                                    |
| 18B  |          | 1    | LEVER                                         |
| 18C  |          | 2    | LEVER WASHER                                  |
| 18D  |          | 1    | LEVER CLIP                                    |
| 18E  |          | 2    | LINKAGE                                       |
| 18F  |          | 1    | LEVER PIN                                     |
| 18G  |          | 1    | ROLL PIN                                      |
| 18H  |          | 1    | LEVER BOOT                                    |
| 18J  |          | 1    | LEVER BOLT                                    |
| 18K  |          | 1    | LEVER DUST COVER                              |
| 18L  |          | 1    | LEVER NUT                                     |
| 19   | 31603    | 4    | COMPENSATOR                                   |
| 20   | TB1017U  | 1    | TIE ROD KIT                                   |
| 21   | 24214    | 1    | O-RING, LARGE                                 |
|      |          |      |                                               |

# **COOLER ASSEMBLY**



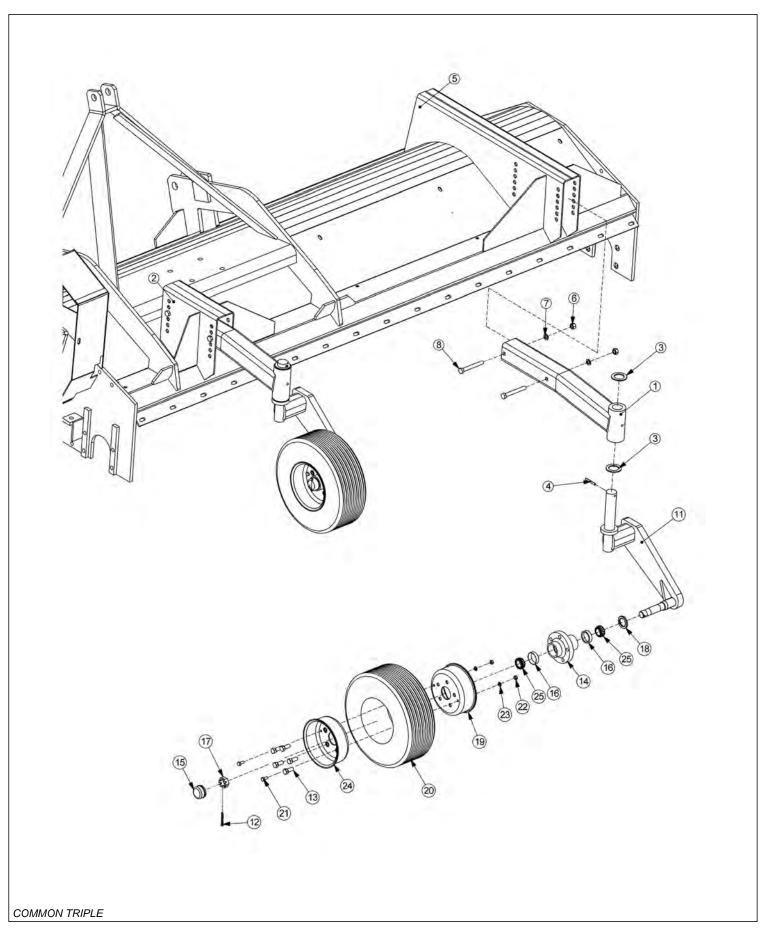
# **COOLER ASSEMBLY**

### Continued...

| ITEM | PART NO. | QTY. | DESCRIPTION               |
|------|----------|------|---------------------------|
| 1    | 21530    | 10   | CAPSCREW,1/4 X1 NC        |
| 2    | 21986    | 10   | LOCKWASHER,1/4            |
| 3    | 22014    | 10   | FLATWASHER,1/4            |
| 4    | 35176    | 10   | 1/4 U-NUT                 |
| 5    | 06370015 | 1    | SCREEN,COOLER,FRNT        |
| 6    | 06380006 | 1    | MNT,COOLER,BUMPER TANK,RH |
| 7    | 06380007 | 1    | MNT,COOLER,BUMPER TANK,LH |
| 8    | 06510026 | 1    | COOLER,FRONT MNT          |
|      | 06510029 | 1    | FAN ASSY ONLY             |
| 9    | 21629    | 4    | CAPSCREW,3/8 X 3/4 NC     |
| 10   | 21988    | 4    | LOCKWASHER,3/8            |
| 11   | 22016    | 4    | FLATWASHER,3/8            |
| 12   | 34117    | 2    | ELBOW,1MOR X 1MJ90,FORGED |

COMMON TRIPLE

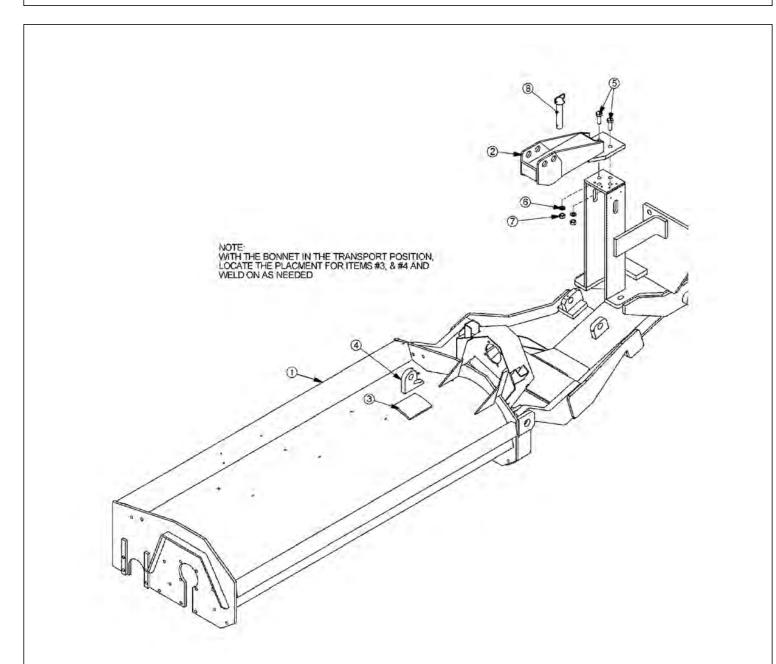
# **CASTER WHEEL ASSEMBLY**



# **CASTER WHEEL ASSEMBLY**

| ITEM | PART NO. | QTY. | DESCRIPTION                      |
|------|----------|------|----------------------------------|
| 1    | TF3060   | 2    | CASTER WHL ARM,FLAIL             |
| 2    | TF3052A  | 1    | BRKT,REAR CASTER ADJ,LF          |
| 3    | 6T2617   | 4    | BUSHING,MACH,1-1/2"ID X 2-1/4"OD |
| 4    | 6T3014   | 2    | ROLL PIN,1/4" X 2"               |
| 5    | TF3053   | 1    | BRKT,REAR CASTER ADJ,RT          |
| 6    | 21725    | 4    | HEX NUT,1/2",NC                  |
| 7    | 21990    | 4    | LOCKWASHER,1/2"                  |
| 8    | 21741    | 4    | CAPSCREW,1/2" X 5",NC            |
| 11   | 22057    | 2    | SPINDLE,CASTER AXLE,ASSY         |
| 12   | 22533    | 2    | COTTER PIN,3/16" X 2"            |
| 13   | 22071    | 10   | HUB STUD                         |
| 14   | 22066    | 2    | HUB,CASTER                       |
| 15   | 22070    | 2    | DUST CAP                         |
| 16   | 6T0836   | 4    | CUP,CASTER WHEEL                 |
| 17   | 22073    | 2    | HEX NUT,1",NF(SLOTTED JAM NUT)   |
| 18   | 6T0838   | 2    | SEAL                             |
| 19   | 22696    | 2    | RIM,REAR ROTARY CASTER           |
| 20   | 21416    | 2    | TIRE,SOLID,RR-RTRY               |
| 21   | 21579    | 4    | CAPSCREW,5/16" X 3/4",NC         |
| 22   | 21575    | 4    | HEX NUT,5/16",NC                 |
| 23   | 21987    | 4    | LOCKWASHER,5/16"                 |
| 24   | 22697    | 2    | RIM,OUTER/RR RTRY CASTER ASSY    |
| 25   | 6T0830   | 4    | BEARING,CONE,CASTER WHEEL        |

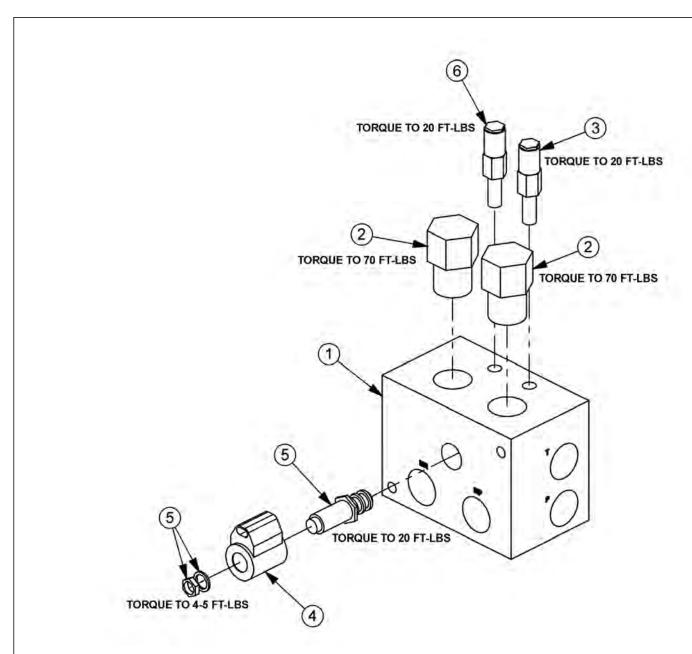
### SIDE FLAIL TRAVEL LOCK



| ITEM | PART NO. | QTY. | DESCRIPTION                     |
|------|----------|------|---------------------------------|
| 1    |          | -    | BONNET *REFER TO FLAIL ASSEMBLY |
| 2    | 28276    | 1    | BRACKET, TRAVEL LOCK, TRIPLE    |
| 3    | TF4248   | 1    | PLATE, TRAVEL LOCK              |
| 4    | 23745    | 1    | TRAVEL LOCK HOOK                |
| 5    | 21783    | 2    | CAPSCREW,5/8"X2" NC             |
| 6    | 21992    | 2    | LOCKWASHER, 5/8"                |
| 7    | 21775    | 2    | HEX NUT, 5/8" NC                |
| 8    | TF4250   | 1    | PIN, TRAVEL LOCK                |
|      |          |      |                                 |

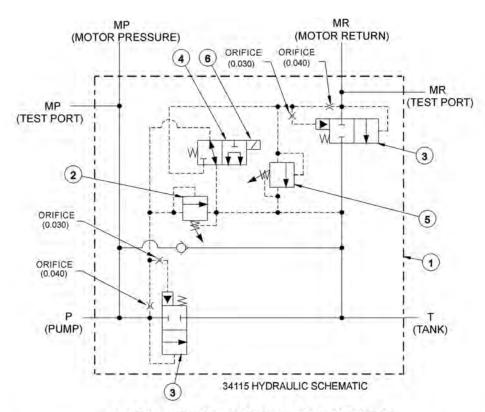
COMMON TRIPLE

### **BRAKE VALVE ASSEMBLY**



| ITEM          | PART NO. | QTY. | DESCRIPTION                                      |  |
|---------------|----------|------|--------------------------------------------------|--|
|               | 06510083 | 1    | BRAKE VALVE, ASSY                                |  |
| 1             | 34092    | 1    | BRAKE VALVE, BLANK                               |  |
| 2             | 34094    | 2    | LOGIC ELEMENT                                    |  |
| 3             | 34095    | 1    | RELIEF VALVE, 3000 PSI                           |  |
| 4             | 06510095 | 1    | METRI PAK COIL                                   |  |
| 5             | 34093    | 1    | CARTRIDGE, 2 POSITION, 3 WAY (WITH NUT & WASHER) |  |
| 6             | 34091    | 1    | RELIEF VALVE, 2600 PSI                           |  |
|               | 34096    | 2    | RELIEF SEAL KIT                                  |  |
|               | 34097    | 1    | SOLENOID SEAL KIT                                |  |
|               | 34098    | 2    | ELEMENT SEAL KIT                                 |  |
|               |          |      |                                                  |  |
|               |          |      |                                                  |  |
| COMMON TRIPLE |          |      |                                                  |  |

#### BRAKE VALVE HYDRAULIC SCHEMATIC



#### BRAKE VALVE TROUBLESHOOTING

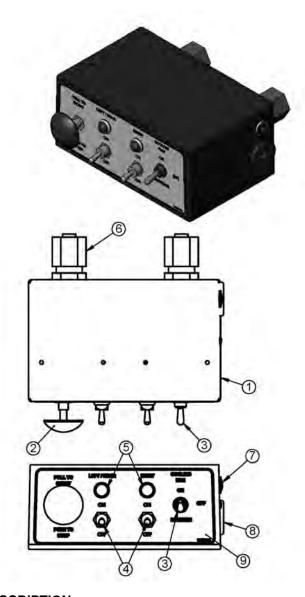
| FAILURE MODE:                                                                                                             | CHECK STEPS |
|---------------------------------------------------------------------------------------------------------------------------|-------------|
| <ul> <li>MOWER WILL NOT START - system pressure is low<br/>(engine not lugging).</li> </ul>                               | 1 thru 6    |
| <ul> <li>MOWER WILL NOT START - system pressure is high<br/>(engine lugging). "MR" port will be high pressure.</li> </ul> | 7           |
| - MOWER WILL NOT ROTATE AT FULL SPEED - limited power.                                                                    | 3 thru 5    |
| - MOWER BLADE WILL NOT STOP - blade will not stop in proper time.                                                         | 7 thru 9    |

#### CORRECTIVE STEPS:

- 1. Check for voltage at solenoid (item 6), voltage must be between 10.2 volts and 13.8 volts.
- 2. Remove, inspect solenoid and cartridge (items 4, 6) for wear or contamination.
- 3. Remove, inspect logic elements near "P" port (item 3) for wear or contamination.
- 4. Remove, inspect 3000 psi relief valve (item 2) for wear or contamination.
- 5. Remove and inspect orifices near "P" port for contamination.
- 6. Remove "P" port hose and fitting, visually inspect for contamination, check ball for movement.
- 7. Remove and inspect orifices near "MR" port for contamination.
- 8. Remove, inspect 2600 psi relief valve (item 5) for wear of contamination.
- 9. Remove, inspect logic element near "MR" port (item 3) for wear or contamination.

COMMON TRIPLE

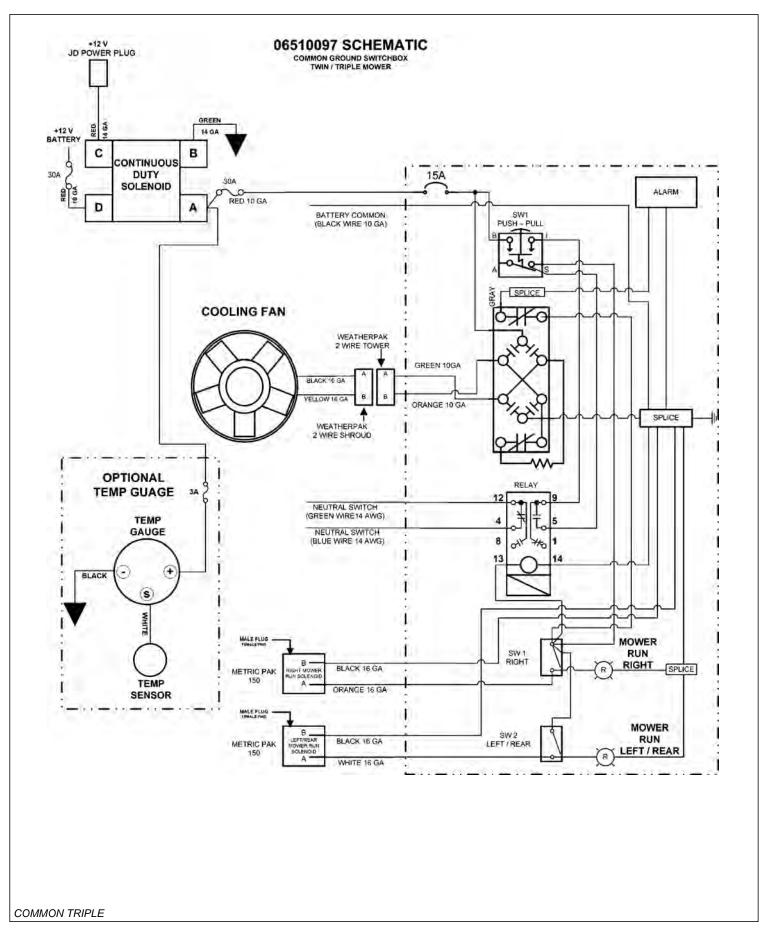
# **SWITCHBOX SERVICE PARTS**



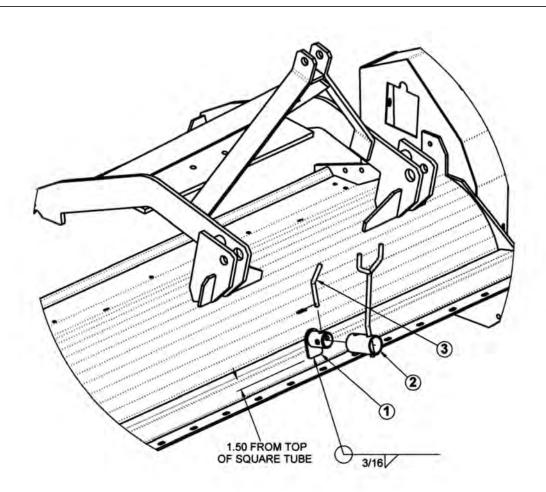
|   | ITEM | PART NO. | QTY. | DESCRIPTION                    |
|---|------|----------|------|--------------------------------|
|   |      | 06510097 | -    | SWITCHBOX ASSEMBLY             |
|   | 1    | 06514011 | 1    | SWBX,ALUM,BLK                  |
|   | 2    | 35226    | 1    | SWITCH,MOWER,COLEHERSEE        |
|   | 3    | 06510028 | 1    | SWITCH,FORWARD/BRAKE/REV       |
|   | 4    | 33811    | 2    | SWITCH,MASTER/DECK FLOAT       |
|   | 5    | 6T3923   | 2    | INDICTATOR LIGHT, ON, RED      |
|   | 6    | 34540    | 2    | STRAIN RELIEF,3/4,BLACK,NYLON  |
|   | 7    | 06514006 | 1    | BREAKER,15A,SWBX               |
|   | 8    | 06514015 | 1    | ALARM,SWBX,REVERSER            |
|   | 9    | 06550002 | 1    | DECAL,SWTCHBX,TWIN/T3F,REV FAN |
|   | 10   | 35227    | 1    | RELAY,DP,DT,12V,LY2F,35226     |
| 1 |      |          |      |                                |

COMMON TRIPLE

### **SWITCHBOX SCHEMATIC**



#### **PTO STAND**

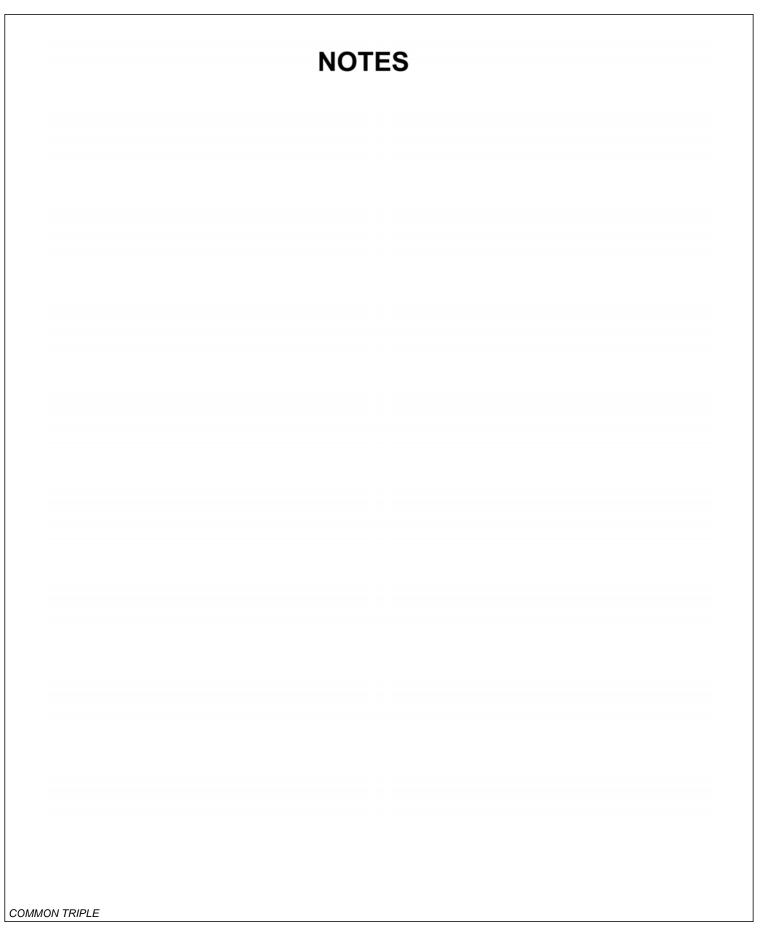


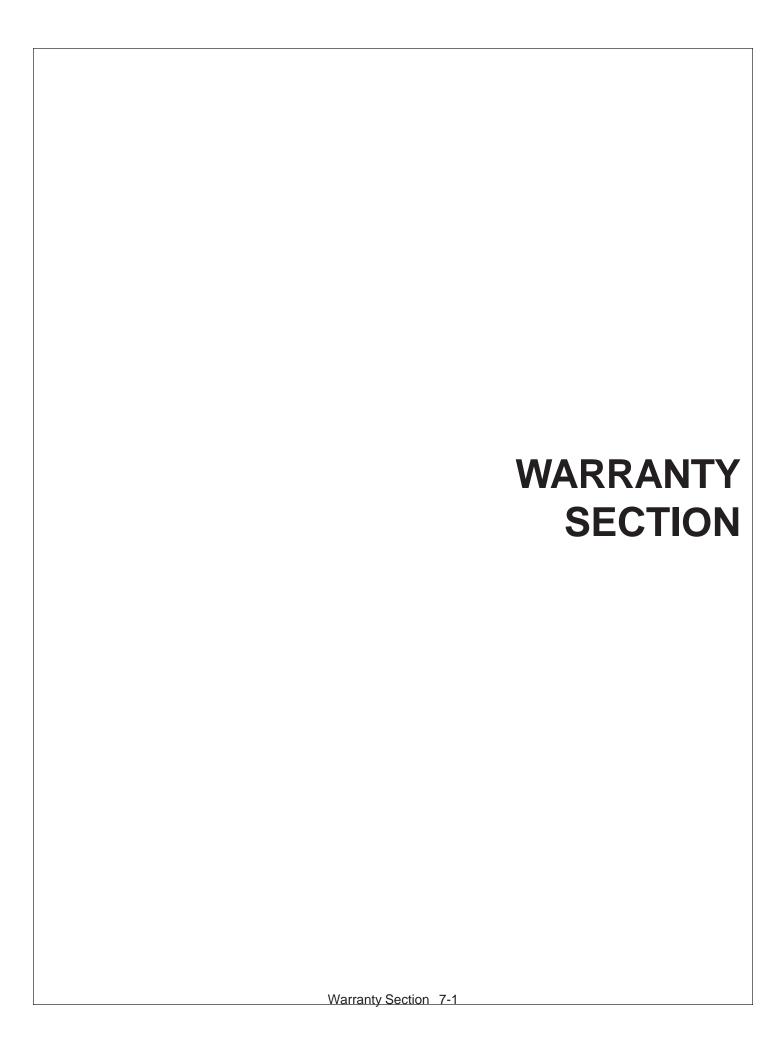
- NOTES:

  1. LOCATE ITEM 1 ON TUBE AS SHOWN, CENTER ON GEAR BOX SHAFT.
- WELD ITEM 1 AS SHOWN AFTER LOCATING 2.
- AFTER WELDING, PIN ITEM 2 IN PLACE WITH ITEM 3. 3.

| ITEM | PART NO. | QTY. | DESCRIPTION        |
|------|----------|------|--------------------|
| 1    | 06370080 | 1    | BRACKET,SUPPORT    |
| 2    | 06370022 | 1    | SUPPORT,PTO        |
| 3    | 06520048 | 1    | PIN.BENT.W/ R-CLIP |

# NOTES 2





# WARRANTY INFORMATION

Tiger Corporation, 3301 N. Louise, Sioux Falls, South Dakota, warrants to the original Retail Customer, the new Tiger equipment is free of defects in material and workmanship. Any part of equipment that in Tiger's judgement, show evidence of such defects will be repaired or replaced without charge, provided that the failure of part(s) shall have occurred within twelve (12) months from the date of delivery of said equipment to the Retail Customer. Expendable components such as knives, oil, chain sprockets, skid shoes, knife mounting disks and the like are excluded but not limited to this warranty.

The Retail Customer must pay the transportation cost to and from the Tiger Dealer's service shop for warranty service. Warranty service will be performed by the Tiger Dealer from whom the equipment was purchased, during service shop regularly scheduled days and hours of operation.

All Tiger obligation under this warranty shall be terminated if the equipment is modified or altered in ways not approved in writing by Tiger, if repair parts other than genuine Tiger repair parts have been used, or if the equipment has been subject to misuse, neglect, accident, improper maintenance or improper operation.

Tiger Corporation reserves the right to make improvements in design or changes in specification at any time without incurring any obligation to owners of equipment previously sold.

No agent or person has authority to alter, add to or waive the above warranties which are agreed to be in the only warranties, representations or promises, expressed or implied, as to the quality or performance of the products covered and which do not include any implied warranty of merchantability or fitness. In no event will Tiger be liable for incidental or consequential damages or injuries, including, but not limited to, loss of profits, rental or substitute equipment or other commercial loss.

# THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THOSE EXPRESSED HEREIN.

It is the Purchasers obligation to sign the warranty registration form **AFTER** he / she has Read and Understands the Operation and Safety Instructions stated within this manual.

### **ONE LAST WORD**

This manual cannot possibly cover all of the potentially hazardous situations you will encounter. By being familiar with the safety rules, operating and maintenance instructions in this manual you can help prevent accidents. The objective of this manual is to help make you a better operator. Remember,

#### **SAFETY IS YOU!**



Your safety and the safety of those around you depends on YOU. Common sense should play a large role in the operation of this machine.

Since we at Tiger Corporation are constantly striving to improve out products, we reserve the right to change specifications or design at any time.

# TO THE OWNER / OPERATOR / DEALER



To keep your implement running efficiently and safely, read your manual thoroughly and follow these directions and the Safety Messages in this manual and on the machine. The table of contents clearly identifies each section where you can easily find the information you need.

The Occupational Safety and Health Act (OSHA 1928.51 subpart C) makes the following minimum requirements for tractor operators.

#### **OWNER REQUIREMENTS:**

- 1. Provide a Roll-Over-Protective Structure that meets the requirements of this Standard; and
- 2. Provide Seatbelts that meet the requirements of this Standard and SAE J3C; and
- 3. Ensure that each employee uses such Seatbelt while the tractor is moving; and
- 4. Ensure that each employee tightens the Seatbelt sufficiently to confine the employee to the protected area provided by the ROPS.

#### **OPERATOR REQUIREMENTS:**

- 1. Securely fasten seatbelt it the tractor has a ROPS.
- 2. Where possible, avoid operating the tractor near steep ditches, embankments, and holes.
- 3. Reduce speed when turning, crossing slopes, and on rough, slick, or muddy surfaces.
- 4. Stay off slopes too steep for safe operation.
- 5. Watch where you are going especially at row ends, on roads, and around trees.
- 6. Do Not permit others to ride.
- 7. Operate the tractor smoothly no jerky turns, starts, or stops.
- 8. Hitch only to the draw-bar and hitch points recommended by the tractor manufacturer.
- 9. When the tractor is stopped, set brakes securely and use park lock, if available

