



SIDE FLAIL ASSEMBLIES

JD 5065M - 5105M
CAB

Current as of 01/12/2012



PARTS LISTING WITH
MOUNTING AND OPERATING
INSTRUCTIONS

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

06010007

TO THE OWNER / OPERATOR / DEALER

All implements with moving parts are potentially hazardous. There is no substitute for a cautious, safe-minded operator who recognizes the potential hazards and follows reasonable safety practices. The manufacturer has designed this implement to be used with all its safety equipment properly attached to minimize the chance of accidents.

BEFORE YOU START!! Read the safety messages on the implement and shown in this manual. Observe the rules of safety and use common sense!

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



DANGER

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



1. 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.

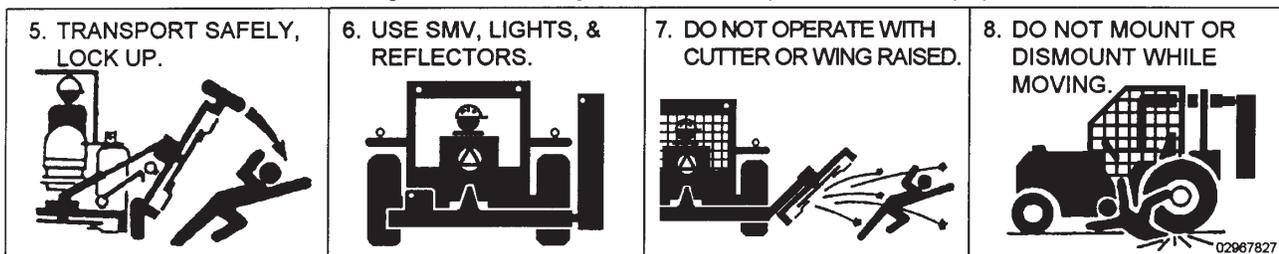
6. Make certain that SMV sign, warning lights, and reflectors are clearly visible. Follow local traffic codes.

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.



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Warranty Information: Read and understand the complete Warranty Statement found in this manual. Fill out the Warranty Registration form in full and return it within 90 days. Make certain the Serial Number of the machine is recorded on the Warranty Card, and form that you retain.

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 information 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:

Tiger Corporation

3301 N. Louise Ave.

Sioux Falls, SD 57107

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1-605-336-7900

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DISTRIBUTED BY:

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1012

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.



SAFETY

SAFETY SECTION

SAFETY

General Safety Instructions and Practices

A safe and 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 mower. 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 safely and responsibly.



1000

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 when operating this equipment.

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

DANGER!



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

WARNING!



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

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 or convenient operation or repair.* (SG-1)

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 the Safety Messages. Always use good common sense to avoid hazards. (SG-2)

SAFETY INSTRUCTIONS



SAFETY

PELIGRO!



Si no lee Ingles, pida ayuda a alguien que si lo lea para que le traduzca las medidas de seguridad. (SG-3)



¡ LEA EL INSTRUCTIVO!

DANGER!



Never operate the Tractor or Implement until you have read and completely understand this Manual, the Tractor Operator's Manual, and each of the Safety Messages found in the Manual or on the Tractor and Implement. Learn how to stop the tractor engine suddenly in an emergency. Never allow inexperienced or untrained personnel to operate the Tractor and Implement without supervision. Make sure the operator has fully read and understands the manuals prior to operation. (SG-4)



WARNING!

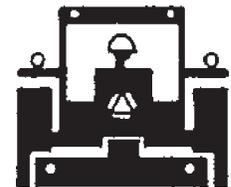


Always maintain the safety decals in good readable condition. If the decals are missing, damaged, or unreadable, obtain and install replacement decals immediately. (SG-5)

WARNING!



Make certain that the "Slow Moving Vehicle" (SMV) sign is installed in such a way as to be clearly visible and legible. When transporting the Equipment use the Tractor flashing warning lights and follow all local traffic regulations. (SG-6)



WARNING!



Operate this Equipment only with a Tractor equipped with an approved roll-over-protective system (ROPS). Always wear seat belts. Serious injury or even death could result from falling off the tractor--particularly during a turnover when the operator could be pinned under the ROPS. (SG-7)



WARNING!

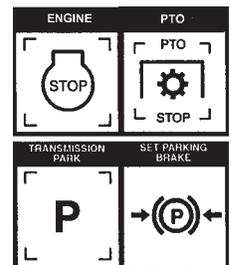


Do not modify or alter this Implement. Do not permit anyone to modify or alter this Implement, any of its components or any Implement function. (SG-8)

DANGER!



BEFORE leaving the tractor seat, always engage the brake and/or set the tractor transmission in parking gear, disengage the PTO, stop the engine, remove the key, and wait for all moving parts to stop. Place the tractor shift lever into a low range or parking gear to prevent the tractor from rolling. Never dismount a Tractor that is moving or while the engine is running. Operate the Tractor controls from the tractor seat only. (SG-9)



SAFETY

DANGER!



Never allow children or other persons to ride on the Tractor or Implement. Falling off can result in serious injury or death.

(SG-10)



DANGER!



Never allow children to operate or ride on the Tractor or Implement.

(SG-11)



WARNING!



Do not mount the tractor while the tractor is moving. Mount the tractor only when the tractor and all moving parts are completely stopped.

(SG-12)



DANGER!



Start tractor only when properly seated in the tractor seat. Starting a tractor in gear can result in injury or death. Read the tractor operators manual for proper starting instructions.

(SG-13)



DANGER!



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)



DANGER!



Do not operate this Equipment with hydraulic oil leaking. Oil is expensive and its presence could present a hazard. Do not check for leaks with your hand! Use a piece of heavy paper or cardboard. High-pressure oil streams from breaks in the line could penetrate the skin and cause tissue damage including gangrene. If oil does penetrate the skin, have the injury treated immediately by a physician knowledgeable and skilled in this procedure.

(SG-15)

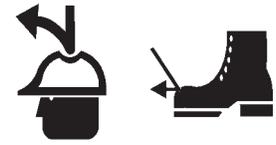


SAFETY

WARNING!



The operator and all support personnel should wear hard hats, safety shoes, safety glasses, and proper hearing protection at all times for protection from injury including injury from items thrown by the equipment. (SG-16)



CAUTION!



PROLONGED EXPOSURE TO LOUD NOISE MAY CAUSE PERMANENT HEARING LOSS! Tractors with or without an Implement attached can often be noisy enough to cause permanent hearing loss. We recommend that you always wear hearing protection if the noise in the operator's position exceeds 80db. Noise over 85db over an extended period of time will cause severe hearing loss. Noise over 90db adjacent to the operator over an extended period of time will cause permanent or total hearing loss. *Note:* Hearing loss from loud noise [from tractors, chain saws, radios, and other such sources close to the ear] is cumulative over a lifetime without hope of natural recovery. (SG-17)



WARNING!



Transport only at safe speeds. Serious accidents and injuries can result from operating this equipment at unsafe speeds. Understand the Tractor and Implement and how it handles before transporting on streets and highways. Make sure the Tractor steering and brakes are in good condition and operate properly.



Before transporting the Tractor and Implement, determine the safe transport speeds for you and the equipment. Make sure you abide by the following rules:

1. Test the tractor at a slow speed and increase the speed slowly. Apply the brakes smoothly to determine the stopping characteristics of the Tractor and Implement. As you increase the speed of the Tractor the stopping distance increases. Determine the maximum safe transport speed for you and this equipment.
2. Test the equipment at a slow speed in turns. Increase the speed through the turn only after you determine that it is safe to operate at a higher speed. Use extreme care and reduce your speed when turning sharply to prevent the tractor and implement from turning over. Determine the maximum safe turning speed for you and this equipment before operating on roads or uneven ground.
3. Only transport the Tractor and Implement at the speeds that you have determined are safe and which allow you to properly control the equipment.



Be aware of the operating conditions. Do not operate the Tractor with weak or faulty brakes. When operating down a hill or on wet or rain slick roads, the braking distance increases: use extreme care and reduce your speed. When operating in traffic always use the Tractor's flashing warning lights and reduce your speed. Be aware of traffic around you and watch out for the other guy. (SG-19)

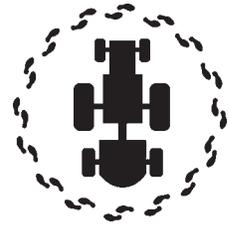
SAFETY

WARNING!



Never attempt to lubricate, adjust, or remove material from the Implement while it is in motion or while tractor engine is running. Make sure the tractor engine is **OFF** before working on the Implement.

(SG-20)



WARNING!



Periodically inspect all moving parts for wear and replace when necessary with authorized service parts. Look for loose fasteners, worn or broken parts, and leaky or loose fittings. Make sure all pins are properly secured. Serious injury may occur from not maintaining this machine in good working order. (SG-21)



WARNING!



Always read carefully and comply fully with the manufacturers instructions when handling oil, solvents, cleansers, and any other chemical agent. (SG-22)



DANGER!



Never run the tractor engine in a closed building or without adequate ventilation. The exhaust fumes can be hazardous to your health.

(SG-23)

DANGER!



KEEP AWAY FROM ROTATING ELEMENTS to prevent entanglement and possible serious injury or death.

(SG-24)



DANGER!



Never allow children to play on or around Tractor or Implement. Children can slip or fall off the Equipment and be injured or killed. Children can cause the Implement to shift or fall crushing themselves or others. (SG-25)

WARNING!



Do not exceed the rated PTO speed for the Implement. Excessive PTO speeds can cause Implement driveline or blade failures resulting in serious injury or death. (SG-26)

SAFETY

DANGER!



NEVER use drugs or alcohol immediately before or while operating the Tractor and Implement. Drugs and alcohol will affect an operator's alertness and coordination and therefore affect the operator's ability to operate the equipment safely. Before operating the Tractor or Implement, an operator on prescription or over-the-counter medication must consult a medical professional regarding any side effects of the medication that would hinder their ability to operate the Equipment safely. **NEVER** knowingly allow anyone to operate this equipment when their alertness or coordination is impaired. Serious injury or death to the operator or others could result if the operator is under the influence of drugs or alcohol. (SG-27)



DANGER!



Operate the Tractor and/or Implement controls only while properly seated in the Tractor seat with the seat belt securely fastened around you. Inadvertent movement of the Tractor or Implement may cause serious injury or death. (SG-29)

WARNING!



Mow only in conditions where you have clear visibility in daylight or with adequate artificial lighting. Never mow in darkness or foggy conditions where you cannot clearly see at least 100 yards in front and to the sides of the tractor and mower. Make sure that you can clearly see and identify passersby, steep slopes, ditches, drop-offs, overhead obstructions, power lines, debris and foreign objects. If you are unable to clearly see this type of items discontinue mowing. (SGM-1)

DANGER!



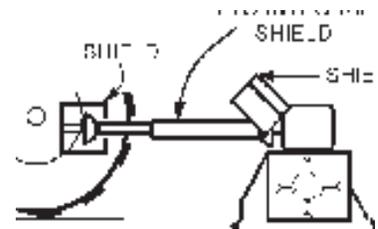
There are obvious and hidden potential hazards in the operation of this Mower. **REMEMBER!** This machine is often operated in heavy brush and in heavy weeds. The Blades of this Mower can throw objects if shields are not properly installed and maintained. Serious injury or even death may occur unless care is taken to insure the safety of the operator, bystanders, or passersby in the area. Do not operate this machine with anyone in the immediate area. Stop mowing if anyone is within 100 yards of mower. (SFL-1)



DANGER!



All Safety Shields, Guards and Safety devices including (but not limited to) - the Deflectors, Steel Guards, Gearbox Shields, PTO integral shields, and Retractable Door Shields should be used and maintained in good working condition. All safety devices should be inspected carefully at least daily for missing or broken components. Missing, broken, or worn items must be replaced at once to reduce the possibility of injury or death from thrown objects, entanglement, or blade contact. (SFL-5)



SAFETY

DANGER!



The rotating parts of this machine have been designed and tested for rugged use. However, the blades could fail upon impact with heavy, solid objects such as metal guard rails and concrete structures. Such impact could cause the broken objects to be thrown outward at very high velocities. To reduce the possibility of property damage, serious injury, or even death, never allow the cutting blades to contact such obstacles. (SGM-4)

WARNING!



Extreme care should be taken when operating near loose objects such as gravel, rocks, wire, and other debris. Inspect the area before mowing. Foreign objects should be removed from the site to prevent machine damage and/or bodily injury or even death. Any objects that cannot be removed must be clearly marked and carefully avoided by the operator. Stop mowing immediately if blades strike a foreign object. Repair all damage and make certain rotor or blade carrier is balanced before resuming mowing. (SGM-5)



WARNING!



Many varied objects, such as wire, cable, rope, or chains, can become entangled in the operating parts of the mower head. These items could then swing outside the housing at greater velocities than the blades. Such a situation is extremely hazardous and could result in serious injury or even death. Inspect the cutting area for such objects before mowing. Remove any like object from the site. Never allow the cutting blades to contact such items. (SGM-6)

WARNING!



Mow at the speed that you can safely operate and control the tractor and mower. Safe mowing speed depends on terrain condition and grass type, density, and height of cut. Normal ground speed range is from 0 to 5 mph. Use slow mowing speeds when operating on or near steep slopes, ditches, drop-offs, overhead obstructions, power lines, or when debris and foreign objects are to be avoided. (SGM-7)

WARNING!



Avoid mowing in reverse direction when possible. Check to make sure there are no persons behind the mower and use extreme care when mowing in reverse. Mow only at a slow ground speed where you can safely operate and control the tractor and mower. Never mow an area that you have not inspected and removed debris or foreign material. (SGM-8)

DANGER!



Replace bent or broken blade with new blades. NEVER ATTEMPT TO STRAIGHTEN OR WELD ON BLADES SINCE THIS WILL LIKELY CRACK OR OTHERWISE DAMAGE THE BLADE WITH SUBSEQUENT FAILURE AND POSSIBLE SERIOUS INJURY FROM THROWN BLADES. (SGM-10)

WARNING!



Do not mow with two machines in the same area except with Cab tractors with the windows closed. (SGM-11)

SAFETY

DANGER!



Flail Mowers are capable under adverse conditions of throwing objects for great distances (100 yards or more) and causing serious injury or death. Follow safety messages carefully.

STOP MOWING IF PASSERSBY ARE WITHIN 100 YARDS UNLESS:

- Front and Rear Deflectors are installed and in good, working condition;
- Mower Head is running close to and parallel to the ground without exposed Blades;
- Passersby are outside the existing thrown-object zone;
- All areas have been thoroughly inspected and all foreign material such as rocks, cans, glass, and general debris has been removed.

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. (SFL-6)



DANGER!



Do not put hands or feet under mower decks. Blade Contact can result in serious injury or even death. Stay away until all motion has stopped and the decks are securely blocked up. (SFL-2)



WARNING!



Each Rear Wheel must have a minimum of 1,000 pounds contact with the surface to prevent lateral instability and possible tip-over which could result in serious bodily injury or even death. Widen the wheel tread and add weights if needed. Refer to the mounting instructions or call Customer Service if you need assistance with Counterweight Procedure. (SFL-3)



WARNING!



Do not operate Mower if excessive vibration exists. Shut down PTO and the Tractor engine. Inspect the Mower to determine the source of the vibration. If Mower blades are missing or damaged replace them immediately. Do not operate the mower until the blades have been replaced and the Mower operates smoothly. Operating the Mower with excessive vibration can result in component failure and broken objects to be thrown outward at very high velocities. To reduce the possibility of property damage, serious injury, or even death, never allow the Mower to be operated with blades missing. (SFL-4)

WARNING!



Be particularly careful when transporting the Implement with the Tractor. Turn curves or go up hills only at a low speed and using a gradual steering angle. Rear mounted implements move the center of gravity to the rear and remove weight from the front wheels. Make certain, by adding front ballast, that at least 20% of the tractor's weight is on the front wheels to prevent rearing up, loss of steering control or Tractor tip-over. Slow down on rough or uneven surfaces to prevent loss of steering control which could result in property damage or possible injury. Do not transport unless 3-Point lift lever is fully raised and in the latched transport position. Dropping implement in transport can cause serious damage to the tractor and/or Implement and possibly cause the operator or others to be injured or killed. (S3PT-2)

SAFETY

DANGER!



Always disconnect the main PTO Driveline from the Tractor before performing service on the Mower. Never work on the Mower with the tractor PTO driveline connected and running. Blades or Drivelines could turn without warning and cause immediate entanglement, injury or death.

(SRM-3)

WARNING!



Do not let the Blades turn when the Mower Deck is raised for any reason, including clearance or for turning. Raising the Mower deck exposes the Cutting Blades which creates a potentially serious hazard and could cause serious injury or even death from objects thrown from the Blades.

(SRM-7)



WARNING!



Never leave Tractor and Implement unattended while the implement is in the lifted position. Accidental operation of lifting lever or a hydraulic failure may cause sudden drop of unit with injury or death by crushing. To properly park the implement when disconnecting it from the tractor, lower the stand and put the retaining pin securely in place, or put a secure support under the A-Frame. Lower the implement carefully to the ground. Do not put hands or feet under lifted components.

(SPT-1)

DANGER!



Make sure the PTO shield, integral driveline shields, and input shields are installed when using PTO-driven equipment. Always replace any shield if it is damaged or missing.

(S3PT-8)



WARNING!



Relieve hydraulic pressure prior to doing any maintenance or repair work on the Implement. Place the Implement on the ground or securely blocked up, disengage the PTO, and turn off the tractor engine. Push and pull the Remote Cylinder lever in and out several times prior to starting any maintenance or repair work.

(S3PT-9)



WARNING!



Use extreme care when lowering or unfolding the implement's wings. Make sure no bystanders are close by or underneath the wings. Allow ample clearance around the implement when folding or unfolding the wings. Use extreme caution around buildings or overhead power lines.

(S3PT-5)

DANGER!



When the Wings are folded for transport, the center of gravity is raised and the possibility of overturn is increased. Drive slowly and use extreme caution when turning on hillsides. Overturning the Implement could cause the Implement to overturn the Tractor and vice versa resulting in serious injury or even death. Never fold wings on a hillside...the Implement may overturn.

(STI-2)

DANGER!



DO NOT allow any person under a folded wing unless wing is securely locked up or supported. **DO NOT** approach the Implement unless the Tractor is turned off and all motion has ceased. Never work under the frame work, or any lifted component unless the implement is securely supported or blocked up. A sudden or inadvertent fall by any of these components could cause serious injury or even death.

(STI-3)



SAFETY

DANGER!



The flail cutter shaft is designed for standard rotation (same rotation as the tractor wheels during forward travel). **Never operate the cutter shaft in the reverse rotation.** Operating this mower in reverse rotation may cause objects to be thrown out the front of the mower head.



WARNING!



The rotating parts of this machine continue to rotate even after the PTO has been turned off. The operator should remain in his seat for 60 seconds after the brake has been set, the PTO disengaged, the tractor turned off, and all evidence of rotation has ceased.

(3PT-10)

“Wait a minute...Save a life!”

WARNING!



Engine Exhaust, some of its constituents, and certain components contain or emit chemicals known to the state of California to cause cancer and birth or other reproductive harm.

WARNING!



Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and birth or other reproductive harm. **Wash hands after handling!**

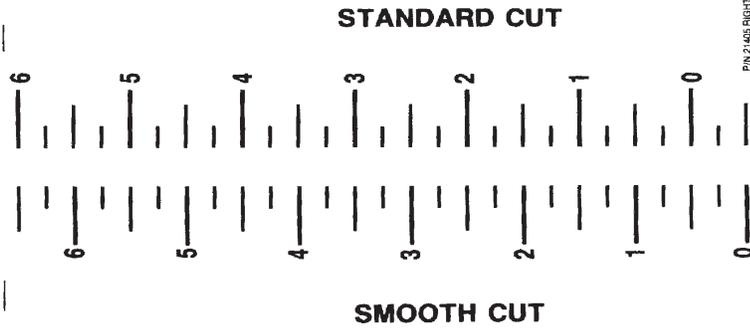
Tiger mowers use balanced and matched system components for blade carriers, blades, cutter-shafts, knives, knife hangers, rollers, drive-train components and bearings. These parts are made and tested to Tiger specifications. Non-genuine “will fit” parts do not consistently meet these specifications. 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.

SEE YOUR  DEALER

In addition to the design and configuration of this Implement, including Safety Signs and Safety Equipment, hazard control and accident prevention are dependent upon the awareness, concern, prudence, and proper training of personnel involved in the operation, transport, maintenance, and storage of the machine. Refer also to Safety Messages and operation instruction in each of the appropriate sections of the Tractor and Equipment Manuals. Pay close attention to the Safety Signs affixed to the Tractor and Equipment. (SG-18)

SAFETY

PART NO.
LOCATION



21405
MOWER DECK

**DO NOT LUBRICATE WITH AUTOMATIC
GREASE GUN. GREASE WITH HAND
GREASE GUN ONLY.**

P/N22839

22839
MOWER DECK



22840
INSIDE OF CAB

WARNING

INSPECT REAR FLAP FREQUENTLY TO BE SURE IT IS IN SAFE WORKING CONDITION. DO NOT OPERATE MOWER WITH FLAP REMOVED OR WORN.

24028

24028
MOWER DECK

SAFETY



PART NO.
LOCATION

10" x 5.5" 31522
MOWER DECK
18.25" x 10" 31523
HYDRAULIC TANK



42350
MOWER DECK

**MOWING
SAFETY TIPS**

- Read & understand the Operators Manual.
- Wear Your Seat Belt.
- Keep all shields and guards in place.
- Make sure equipment is in proper working condition.
- Never attempt to get off or on a moving tractor.
- Never allow riders on tractor or equipment.
- Only start the tractor from the seat with the key.
- Always inspect the area before mowing. Remove all foreign debris.
- Always keep bystanders and coworkers a minimum of 300 feet away.
- Never allow the mower blades to contact solid objects or foreign material.
- Never approach rotating elements.
- Disengage the PTO, place transmission in "Park", set parking brake, shut off engine, and remove key and wait until all rotating motion has stopped before leaving seat.

Tiger

33743

33743
INSIDE OF CAB

SAFETY

PART NO.
LOCATION



42399
MOWER DECK



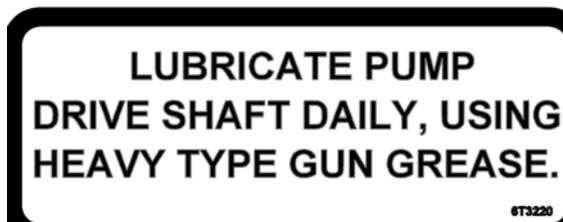
42400
MOWER DECK



6T3217
MOWER DECK



6T3219
INSIDE OF CAB



6T3220
FRONT PUMP MOUNT

SAFETY



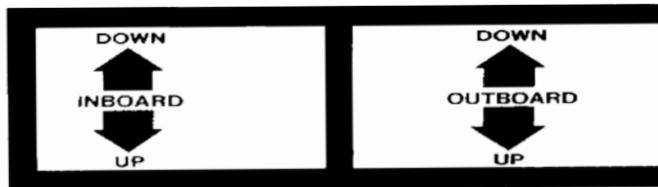
PART NO.
LOCATION

6T3221
INSIDE OF CAB

NOTICE:
Engine will not
start when mower
is engaged.



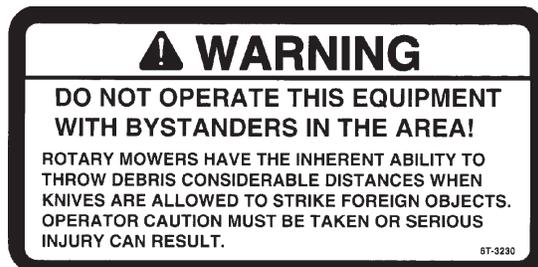
6T3222
INSIDE OF CAB



6T3223
INSIDE OF CAB



6T3224
MOWER DECK



6T3230
INSIDE OF CAB

SAFETY

PART NO.
LOCATION



6T3233
HYDRAULIC TANK



6T3234
INSIDE OF CAB



6T3236
MOWER DECK
HYDRAULIC TANK



6T3243
INSIDE OF CAB

SAFETY



Tiger Corporation

800-843-6849

www.tiger-mowers.com

Description	Application	General Specification	Recommended Lubricant
Tractor Hydraulics	Reservoir	JD-20C	Mobilfluid® 424
Mower Hydraulics Cold Temperatures 0°F Start-up Normal Temperatures 10°F Start-up Normal Temperatures 15°F Start-up High Operating Temperatures Above 90°F Ambient	Reservoir	ISO 46 Anti-Wear/ Low Temp JD-20C ISO 46 Anti-Wear ISO 100 Anti-Wear	Mobil DTE® 15M Mobilfluid® 424 Mobil DTE® 25 Mobil DTE® 18M
Flail Rear Gearbox	Reservoir	PAO Synthetic Extreme Pressure Gear Lube	Mobilube SHC® 75W-90, Mobil 1 Synthetic Gear Lubricant
Cutter Shaft and Ground Roller Shaft (Flail)	Grease Gun	Lithium Complex, NLGI 2 ISO 320	Mobilgrease® CM-S
Drive Shaft Coupler (Rotary and Flail)	Grease Gun	Lithium Complex, NLGI 2 ISO 320	Mobilgrease® CM-S
Boom Swivel, Boom Cylinder Pivots (Rotary and Flail Boom Type)	Grease Gun	Lithium Complex, NLGI 2 ISO 320	Mobilgrease® CM-S
Deck Boom Pivot & Deck Stop Adjustment (Rotary and Flail)	Grease Gun	Lithium Complex, NLGI 2 ISO 320	Mobilgrease® CM-S
Deck Spindle (Rotary)	Grease Gun	Tiger Spindle Lubricant	Mobilith SHC 220

For Mobil product information, availability, or technical information, call 1-800-662-4525.

Tiger PN 34852

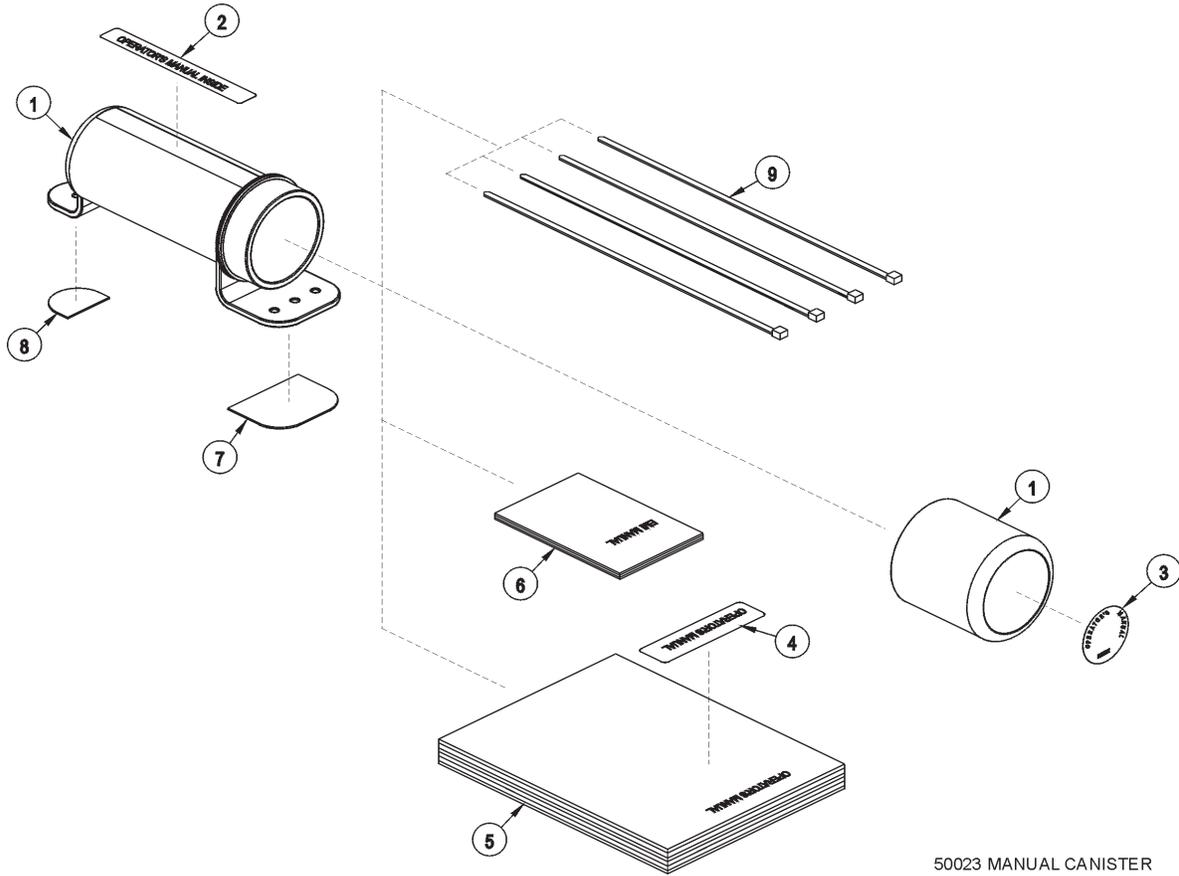
34852

HYDRAULIC TANK

⚠ DANGER		⚠ PELIGRO
THROWN OBJECT HAZARD		RIESGO DE OBJETO LANZADO
Do not operate mower when cutter shaft is in reverse rotation unless: <ul style="list-style-type: none"> Reverse Rotation Front Guard is in place, and Guard is in good condition 		No funcione el cortacésped cuando el eje de cortador esta en rotación inverso al menos que: <ul style="list-style-type: none"> El Guardia Delantero de Rotación Inversa esta en su lugar y El guardia esta en buenas condiciones
 Reverse Rotation Front Guard	06550054	 Guardia Delantero De Rotación Inverso

06550054
ON MOWER HEAD

SAFETY



ITEM	PART NO.	QTY.	DESCRIPTION
	50023	AVAIL	MANUAL CANISTER COMPLETE
1	00776031	1	ROUND MANUAL CANISTER
	33997	1	DECAL, SHEET, MANUAL CANISTER
2		*	DECAL
3		*	DECAL
4		*	DECAL
5	*	AVAIL	SPECIFIC PRODUCT MANUAL
6	33753	1	E M I SAFETY MANUAL
7	34296	1	FRONT ADHESIVE PAD
8	34297	1	REAR ADHESIVE PAD
9	6T1823	4	ZIPTIE 14" LONG

NOTE:

The manual canister can be bolted, zip tied or adhered to a variety of surfaces. Locate a protected area within the view of the operator. Then select an installation method and attach the canister. **CAUTION - AVOID DRILLING HOLES INTO UNKNOWN AREAS**, wires and other parts may be located behind these areas. When adhering the canister to a surface, thoroughly clean that surface before installing the canister.

SAFETY

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 Regulations

OSHA regulations state in part: “At the time of initial assignment and at least annually thereafter, the employer shall instruct every employee in the safe operation and servicing of all equipment with which the employee is, or will be involved.”

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.
2. 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.

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.)

SAFETY

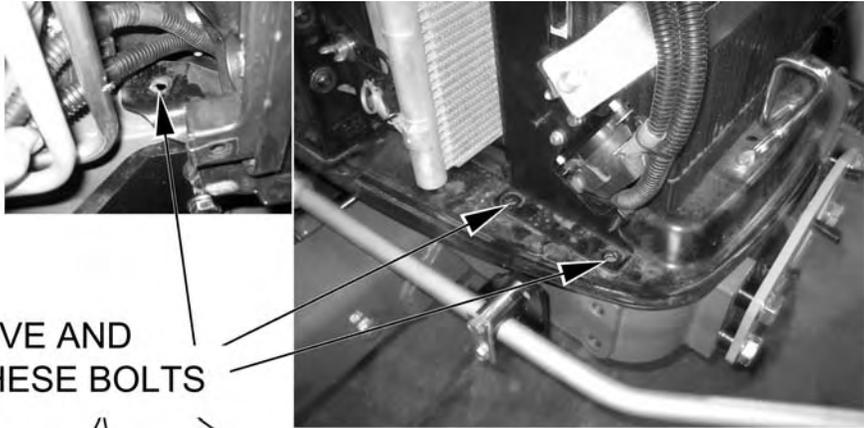
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5 GG9 A 6 @M

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REMOVE AND
RETAIN THESE BOLTS



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(ASM-JD-0086)



WÙÒÁÜÿÁÓÇÈ
VU ÁÜÇÈÒ
ÓÇÈ/VÒÿÁŠVÒ



WÙÒ
ÇÈÜÜUÜÜÇÈVÒ
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58>I GH#B; 'F95F'K <99 @G

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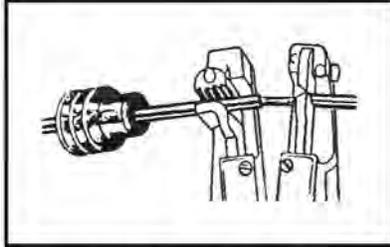
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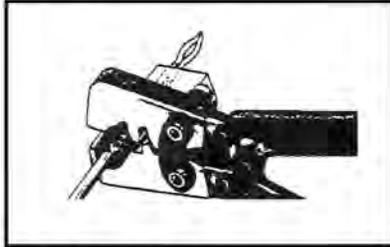
(ASM-C-0009)



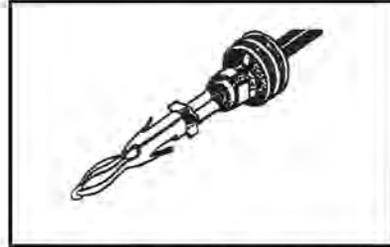
1. Apply seal to cable, before stripping insulation.



2. Align seal with cable insulation.



3. Put terminal in crimping tool, then



4. Crimp and visually inspect for a good



5 GG9 A 6 @M

J5 @9`ACI BH-B;

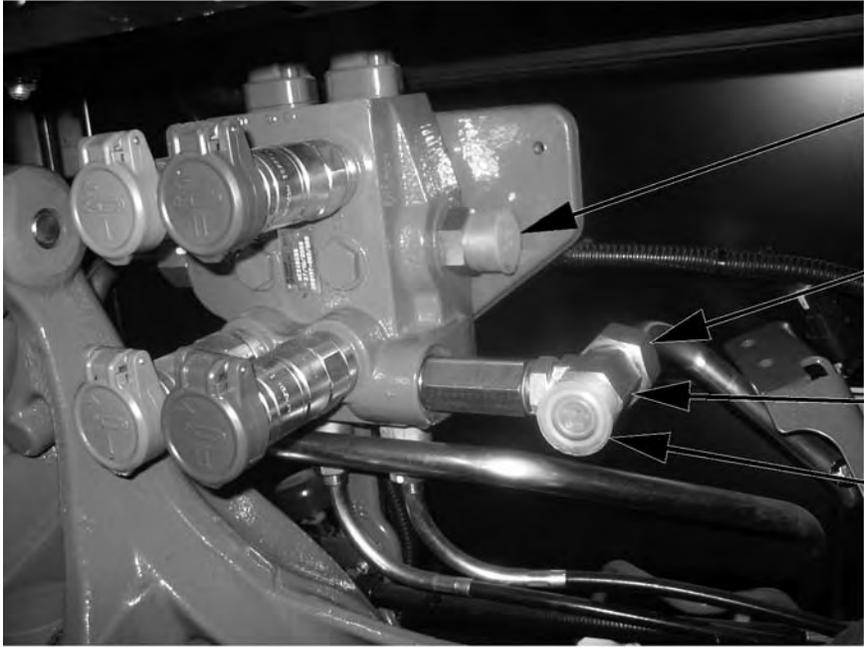
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Power Beyond Port

Line From MidMount Valve
or Install Cap on Tractors
Without a MidMount Valve

Branch Tee

Return Line

F9HI FB' @B9' BGH5 @@5HCB

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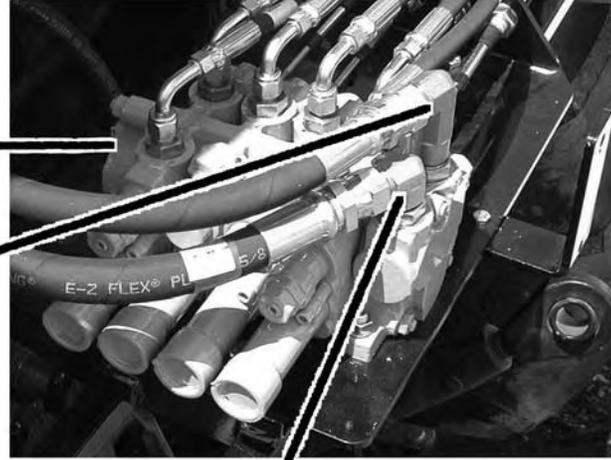
5 GG9 A 6 @M

A 5 BI 5 @ @ H'J5 @9 'DCFHG

Á

LOAD SENSE

RETURN PORT



PRESSURE PORT

(ASM-C-0057)

A 5 BI 5 @GK #7 <6 CL'ACI BHB;

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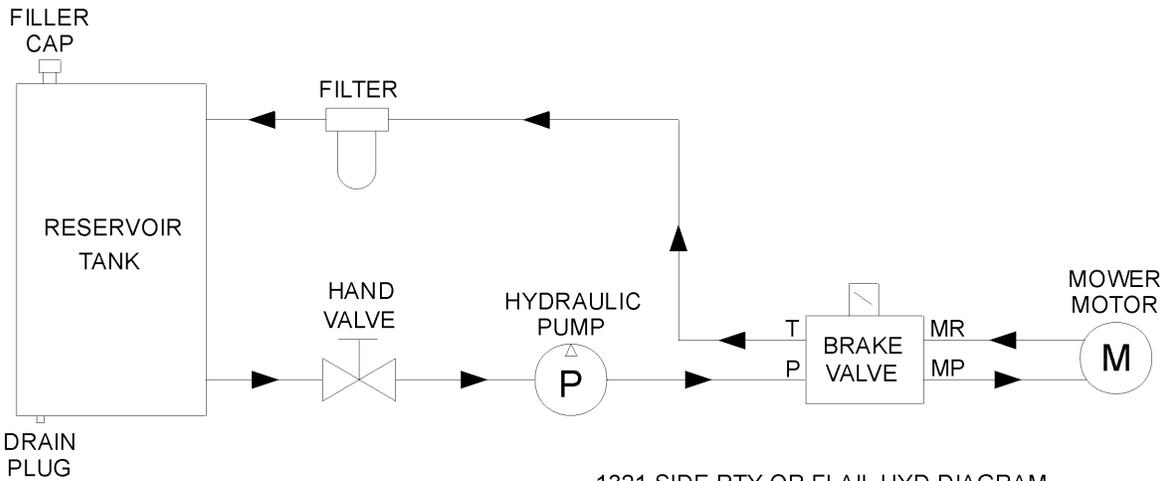
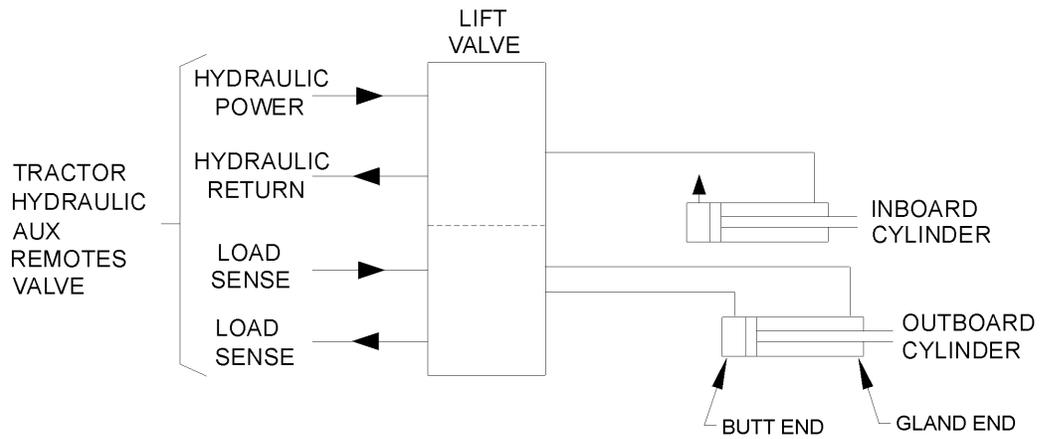
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G-89 ACK 9F < M8 F5I @7 8 5; F5A



1321 SIDE RTY OR FLAIL HYD DIAGRAM

(ASM-C-0090)



5 GG9 A 6 @M

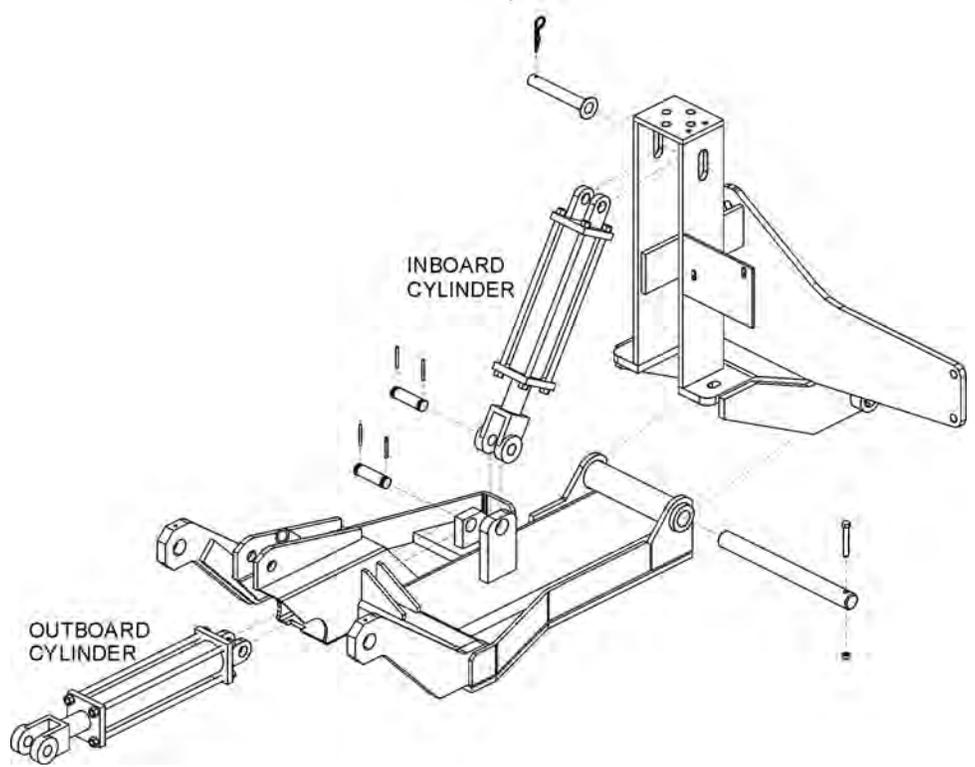
8 F5 : H'695 A `BGF5 @@HCB

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8 F5 : H'695 A `ACI BH;B;

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@A H'GK H7 < 'A CI BHB;

ASSEMBLING LIMIT SWITCH

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 é Áà[] } ^oÁ æ@Á@Á ÉÁ +ÁÁÉÉÉÁ á Áà[] oÁæ| á Áææ æ @!
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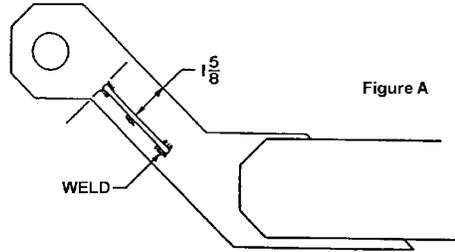


Figure A

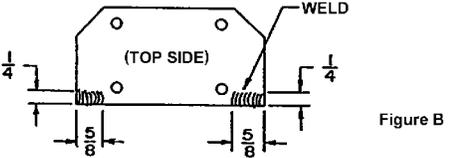


Figure B

ADJUSTING LIMIT SWITCH

V| Áæáö • oÁ , æ&@Á[Á@Á Á[] , • K
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 é Áá • á^Á@ é -Áæ * |É
 ÉÁV æ@Á á Á[] oÁ [• ^ } ^ÁÁ[] } Áæ{ Á } çÁ[] ^Á[] [] , ^ÁÁ • c
 ^Áæ@ • Á^æ Áá^Á@ ~ ^Á@Áæ| á Á@ • } Á á Á[] É
 ÉÁV æ@Á , æ&@æ{ Á [~ } oÁ&^ , Áá^Á@ ~ ^Á@Á[] • ^Á[] }
 • @æ@Á^Á@Á É@Á æ@Á&^ , à|á^Á Ááá&ç } Á ~
 {]] , ^ÁÁ^Á @^Á[] áá * Á[]] , ^ÁÁæ æ • oÁæ{ Á^æ
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 { [~ } oÁ&^ , É

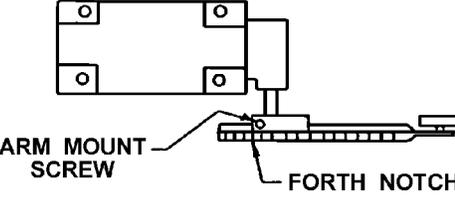


Figure C

WIRING LIMIT SWITCH

Ü^ [çÁç] Á[çÁ[] } Á , æ&@ç Áç [• ^Áç] { á æ É
 Ó[] } ^&@Á^á á^Á Á@Á^Á Á@ÁæÁ Á[] { á æ Éæ| á Á@
 à|æÁ á^Á Á@Á @Á|ÁæÁ Á[] { á æ É@Á oÁ@Á @Á á^
 é Á [] [æÁç^ÁæÁ|æÁÁ[] • ^ oÁ Á@Ááç } ^Á , æ&@É
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 , á^Á Á@Á @Á|Á } á ÉÁV @Á[] } ^&@Á@Á , æ&@Á Á^á •
 , æ@Á@Á [] [æÁç^Á (ASM-C-0028)

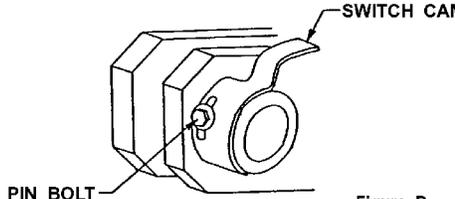


Figure D

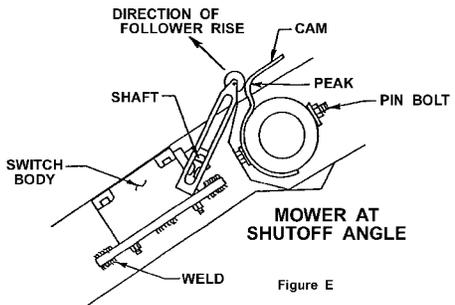


Figure E



5 GG9 A 6 @M

@A #H'GK #H7 <

(ASM-C-0029)



@ H'7 CBHFC @: 998 @B9G

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Úae Á^&ca } A@eA^|ca } A| A[~ |Aaeq |A|A@•^Aq]|Baa }•E
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&aeA } a DA A@A•d&q |A } A@A a[aeA& |a a^|A|a } aE
Q•ca|AeQ•^A[{ A@A] ^|A|A~ c|Aca^A[|oA A@A•d&q |A } A@A~ ca| aeA& |a a^|A~ ce
U^AÚae Á^&ca } A|A|Aae } { a^|Aae aA@•^A[~ ca * Aq~ d&aa }•EA(ASM-C-0093)

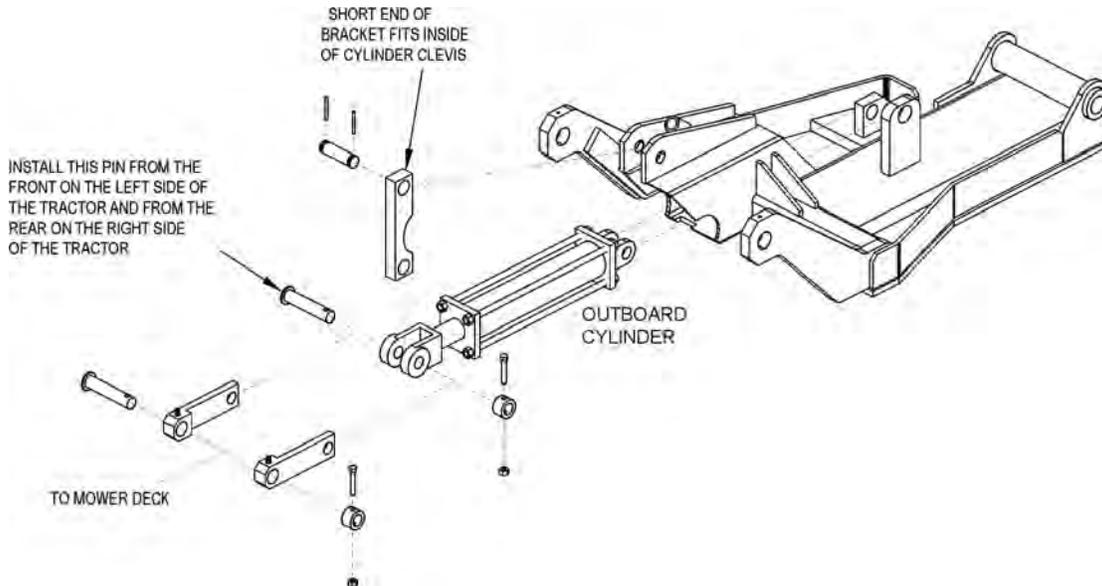


5 GG9 A 6 @M

ACK 9F`ACI BHB;

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 àæ Á æ[óæ Á} Á@Á} ç!Á à^Á@Á, } Æ Á@Áæ!æ Á|, ÈÁÁ[Á æ^Á!^Á@Áæ ç~ ó
 [] Á@Á æ[óæ{ Áæ·Æ ç Á à^Á -Á:æÁæ È(ASM-C-0077)



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5 GG9 A 6 @M

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FÈ T[~} ó@Á-óá áD!Áã @Áæ^Á|Á & Á:æ^óÁ[•^|Á Áæ&Áã^Á-ó@Á æóÁæ ^É
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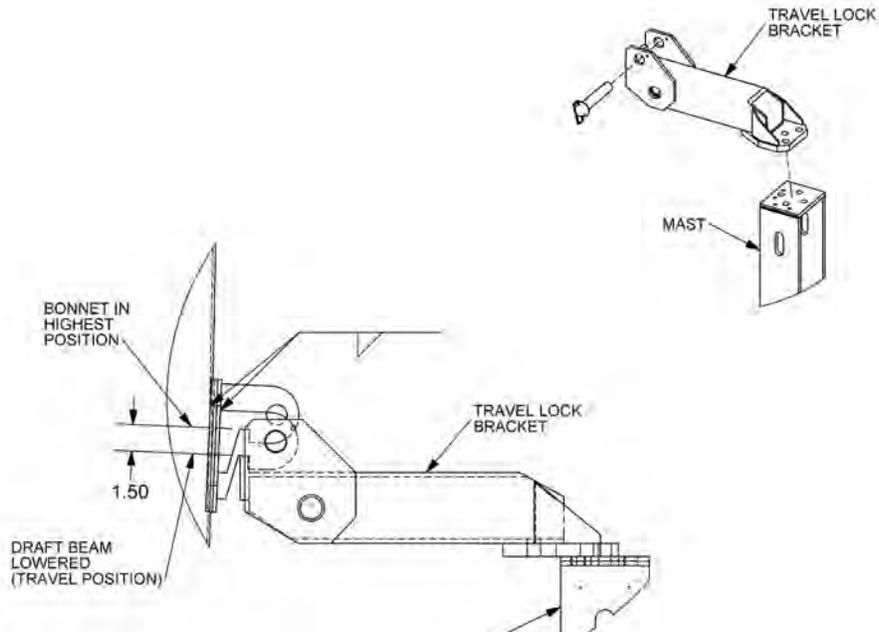
HÈ Š, ^!Á:æóÁæ & |á á!•ÁÉÉ&@Á!Áæ^Á|Á & ÁQ[\Á^ææ & É

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Î È Y^|á@Á|æ•Á Á@Á[}}^óÉ

Ï È Y^|á@ÁQ[\Á Á@Á|æ•È" (ASM-T3F-0025)



5 GG9 A 6 @M

: -B5 @DF9 D5 F5 H-CB: CF`CD9 F5 H-CB

U|æ&^Á] ^!æ | C^Áæ^c Áæ áÁ] ^!æ | Á^&æ^ Á } Á@^Ác^!á * Á | { } Áæ áÁæ^Á | } [|^Á @|^ c@^ Áæ^Á^æ | Áæ áÁ^Á Á@^Á] ^!æ | ÉÁV@^ Á^Á&æ^ Á @^ | áÁ^Á } á!^ d [áÁ^ Áæ@] ^!æ | Á~ c@^ Á æ@^ Á^ Á | } &æ } Á æ@^ Áæ^c Áæ áÁ] ^!æ | Á^&æ } Á Á@^ Á [\ ÉÁV@^ Á^Á&æ^ Áæ^ Áæ á^Á } ææ á^Áá Á [| áÁ& } áæ } Áæ Áæ^Á^ { á á!^Á d Á@^ Á] ^!æ | ÉÁæ áÁ @^ | áÁ^Á^ | æá^ ÁÁ áæ æ^ á^É

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Qæ Á^Áæ Á Á^ } áÉ [^ Á ^ •c^ @^ Á [, } Ác@^ Áæ d | ÉÁ^Ác@^ Áæ c^!Á } Ác@^ Á^! [^ } áÉÁÁÓ^ | ^ ææ { } cæ * Á Áæ Ác@^ Á^Áæ É [^ Á ^ •c^ Áæ æ Ác@^ Áæ^c æ Á^Áæ á!^ Á^Ác^!Áæ Á^ Á d Á^ Á^ Áæ^ |] |^•• |^ Á Ác@^ Áá •É

6 YZ`fY`cdYfUj]b` 'H Y'a ck YfÉ@ &^ c^!Á@ æáÁæ áÁ [[| Á @^ | áÁ^Á | , | Á [c^ áÁ@ [^ * @^ c @^ Á | Áæ *^Á Á [cæ] ÉÁV æ&@^ | Áæ ^ Á | } áæ } Ác@^ Á [^ | áÁæ^ •Á á &æ * Á | Ác@^ •• Á d^ •• Á } c@^ Á@ •• ÉÁV@^ Ác^!á * Áæ áÁ [} Áæ | Áæ^ Á @^ | áÁæ [Á^Á&æ^ | | Á [c^ áÁ@ [^ * @^ c áÁ | | áæ *^Á Á [cæ] ÉÁV@^ Á^ Á } áæ } Á && | •Á Á @æ@^ Á@^ •• Á | } ææc@^ Á^ Á^ Éc@^ Ác^!á * Áæ áÁ [| Á] Áæ | Áæ^ Áæ áÁ Á^ Áá Áæ Áá æ áÁæ Áá •&æ áÁ Ác@^ Áæ d | Á] ^!æ | C^Á æ^ æÉÁV@^ • @^ | áÁæ [Á^Á | ^ Ác@^ Áá^ Á^ áÉ | Áæ^ Ác^!Á^ |^ Á | •Á Áæ Áæ Ác@^ Áæ c@^ Á^ Á^ Á^ &æ c@^ Á@^ á!æ | Áæ } Á | Áæ æáÁæ ÉÁV@^ Á æ Áæ &^ áÁæ ááá * Á @^ •É | Áæ b •cæ * Á d | Á [c^ Á Ác@^ dæ d | Á [} cæ Á [c^ Ác@^ Á | | á^ { ÉÁV @^ Á&@ & á * Á [cæ] ÉÁ [^ Á @^ | áÁæ [Á&@ & Ác@^ Á | } d [| && æ Áæ^ Á | } ^&c^ áÁæ & | áá * Á Ác@^ Á] ^!æ | C^Áæ Á | Ác@^ Áæ^ Ác@^ á!^ É

ACK 9F`H9GH-B;

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-Z Ubm dUf h g`c ZH jg`5 ggYa V`m iGYW`jcb zcf`Ubm ch Yf` gYW`jcb`c ZH jg`a Ubi U`UfY bch WYUf`m i bXYf g h c X`nc i` a i gh W`b h W`m i c f`XYU Yf`c f`H Y UXXf Ygg`c b`H Y Z`c b h c Z H jg`a Ubi U`Z`f`Ugg`jgh Ub W` (ASM-C-0010)





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CD9F5HCB

CD9F5HCB

&"HF57HCF'F9EI F9A9BHG

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- ~ ØÙØÙÁ] | ç^áÁ | | È ç^Á Á | | c & c^Á Úd^ & c^ Á Á Ú Ú Ú Ú Ú Á Ú Ú Ú Ú Ú ÁææÁæ áÁ^ææÁ | È
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& ~ • @ áÁæ áÁ q | áÁÁ | | Á | | ^Áæ Ác@Áædq | Á æ@Á Á Ú Ú Ú Ú Á Ác@Áæ áÁÁ [• áá] Áæ áÁ^ææÁ | cæ c } ^ á È
Viædq | Á [á^ Á | c^ ~ q] ^áÁ æ@Á Á Ú Ú Ú Ú Áæ áÁ^ææÁ | cÁ @ | | áÁc@Ác@Á^Áæ q * Áæ | Á • Á • ç^Á áÁ^ Áæ
æ c | á^ áÁææÁ | È OPS-U- 0003



U] ^Áæ Ác@ Ác^ ~ q { ^} cÁ | | Á æ@Á Viædq | Á ~ q] ^áÁ æ@Á Áæ] | ç^Á Á | | È
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&"&HfUWcf'GUZYmi8 Yi JWg

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c@Á } áÁÁá @ Áæ áÁÁÁ Ú X Á { à | ç Á ~•c^Á^~ q] ^áÁæáædq | Á } Á] | | ^} cÁ Ác@Áçá ææq Á - Ác@Áædq |
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| ^ [ç^Á Á | Áæ & • Á Á Á } ^ & c^ Á çæ È | Á ^ } æ Ác@Áædq | Á | Á] | | ^} cÁ Á^ç^Á | ^Áæ Ác@Áædq | Á Ú V U
, æ@Á Á Ú V U Á æ c Á @ | á Á á • q * Á | Á Ác@Áæ áÁÁ [• áá] È OPS-U- 0004

&" HfUWcf'<cfgYdck Yf

V@Áq | • Á [, ^ Á Á^~ á^ áÁ Á | ^Áæ Ác@Á [, ^ Á Á ^ } á • Á } Á æ ^ Áædq | Á q & | á q * Ác@Á^~ Áææ } Á Á Á Áæ È
c | | æ Á | | ááá } È] ^Áæ | Á c | | á } & Èá áÁÁ } ááá } Á - Ác@Á [, ^ Á Á áÁædq | È Á [• cÁ [, q * ÁÁ } ááá } • È
c@Á Á Áæ Áæ áÁÁæÁ [, ^ Á Á^~ á^ ÁÁædq | Á æ@Á Áæ c Á | P Ú É U | ^Áæ * Ác@Á [, ^ Á Á æ@Áædq | Ác@Á Á •
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Úæ^Áæ áÁÁæÁÁæ U] ^Áæ } Á^ & c } Á È

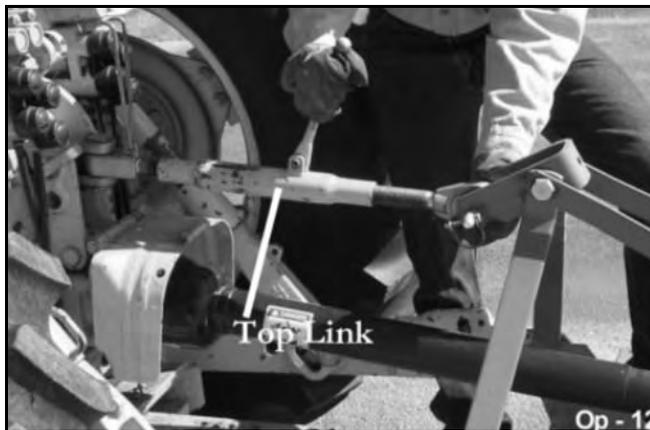
CD9F5HCB

CD9F5HCB

U^A& 03 * A@3 @A&Q |aa * Aq A | &a~ !^Aaa [c^Aq |A^ { aa q * Aq [A& 0A^A&0q } .EAT aa^A~ !^A@0aa|A@^A
 ! [||^!Aaa^A^Aaa@Aaa ^A@3 @Aq A } ~ !^Aaa Aq^A } & oaa [. . A@A } aa^A aa0q A@A [, ^!E

* "& @j Y|b| 'FYU' : `UJ' 8 YW

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 * | [~] aa^Aaa^Aaa ^ . E^A^c^!A } ^!aa^A [] oq |A^aaq ~
 { [, ^!A Aaa^Aaa } , aa^E Uab & o A aa^Aaa & 00 * ^a
 aa^Aaa @A } ^!aa^Aaa & q * A [. . aa^Aaa b i^A [|A^c^A }
 aa^Aaa



0ab . oAM | ASq \ Aq A^c^!A [, ^!A [||^!Aaa b . d ^ } dE
 Uaa^A^U aa^A^U @ . A @ ~ |aa^Aaa aa^A^A } aaq^!Aq
 * | [~] aa^Aaa ~ * @ ~ oA^A ||^!Aaa b . d ^ } oaa * ^E0ab . c
 & 03 * A@3 @Aq A aa0q |A^Aaa q * A | Aq , ^!q * A^aa
 ! [||^!Aaa A^Aaa aa^Aaa |^!aaq } A^Aaa } E



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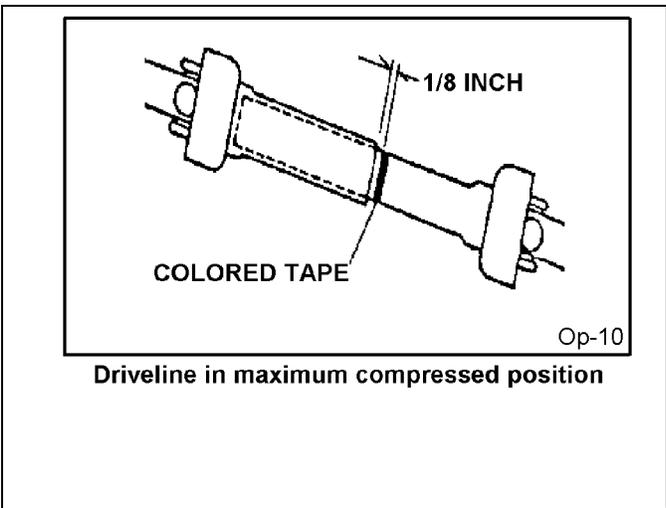
WARNING

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Tractor PRE-OPERATION Inspection



Mower ID# _____ Make _____

Date: _____ Shift _____



WARNING Read the operator's manual for the tractor and mower before operating. The tractor and mower are designed to be used only for the purposes intended. Do not use the tractor or mower for any other purpose. The tractor and mower are not to be used on public roads or highways. The tractor and mower are not to be used in areas where they could cause injury or damage to property. The tractor and mower are not to be used in areas where they could cause environmental damage. The tractor and mower are not to be used in areas where they could cause noise or vibration. The tractor and mower are not to be used in areas where they could cause fire or explosion. The tractor and mower are not to be used in areas where they could cause other hazards. The tractor and mower are not to be used in areas where they could cause other hazards.

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Item	Condition at Start of Shift	Specific Comments if not O.K.
The flashing lights function properly		
The SMV Sign is clean and visible		
The tires are in good condition with proper pressure		
The wheel lug bolts are tight		
The tractor brakes are in good condition		
The steering linkage is in good condition		
There are no visible oil leaks		
The hydraulic controls function properly		
The ROPS or ROBS Cab is in good condition		
The seatbelt is in place and in good condition		
The 3-point hitch is in good condition		
The drawbar pins are securely in place		
The PTO master shield is in place		
The engine oil level is full		
The brake fluid level is full		
The power steering fluid level is full		
The fuel level is adequate		
The engine coolant fluid level is full		
The radiator is free of debris		
The air filter is in good condition		

Operator's Signature: _____

DO NOT OPERATE an UNSAFE TRACTOR or MOWER

Do not operate the tractor or mower if you are under the influence of alcohol or drugs, or if you are tired or otherwise impaired.

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CD9F5HCB

- "8 F-J-B: 'H<9 HF57HCF '5 B8 -AD@A9BH

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V@ÁQ | |{ ^ } oÁ æ Á^Á áÁÁ@Á Á@ÁÁæç |ÉÁÁÁæç |Á @ } Á |^æç * Á |Áæç • | |ç * ç@Á^~ ç { ^ } oÁ Á |^ç^ } o@ÁQ | |{ ^ } oÁ | { Á } ç * Á ç Á |Ááá * Á á |Á | • ÉÁæáÁæç É & } &^çÁæç ç ^ } • Á |Á ç |Á |áá áá & ÉÁ & @Á Á |æç |áÁæç • Á@ÁQ | |{ ^ } oÁæ á Væç |Á Á ç |ç ç |ç |ç Á^~ |ç * Á Á • Á Á ç^Áá * Á |ç |ÉÁÁá^~ Áá |ÉÁÁç^ } ÁáæçÉ ÁçÁ |Á |, Á@ÁQ | |{ ^ } oÁ Á |ç ççç á ççç Á ÉÁÁÁÉÉ



V |ç • | |oÁ | |ÁæÁ • |^á • Á, @ |^Á^ |^Áæç Á { æ çç Á & |ç | |Á -Áç ^~ ç { ^ } ÉÁÁáá • Áæççç • Áæççç • Áæççç Á^~ |oÁ | { Á } |^æç * Á ç ^~ ç { ^ } Áæççç @ } |^á • ÉÁÁáá, áÁ • çç áÁç@ÁVæçç |Áæç áÁQ | |{ ^ } oÁæ áÁQ, ÁáÁæç áÁ • áÁ |^Áæç • | |ç * Á } Á ç^Á • Áæç áÁç @ æ • ÉÁ æ Á^~ |^Á@ÁVæçç |Á ç^Áá * Áæç áÁááá • æ^Á Á | |á & | ááá } Áæç áÁ | |^æç Á | | |É



Óç |^Áæç • | |ç * Á@ÁVæçç |Áæç áÁQ | |{ ^ } ÉÁÁç |ç ç Á^Á@Á | | |Áæç • | |oÁ |^á • Á | |^~ Áæç áÁç^~ ç { ^ } ÉÁÁ æ Á^~ |^Á |^~ Áæç Á^~ Á@Á | |, ç * Á^~ Á • K

V • o@Áæçç |Áæçç |, Á |^áááá áá & ^æ^Á@Á |^áÁ |, |ÉÁç | |ÁçÁáá^Á { | |ç ç Ááç |ç ç Á^Á@Á ç } ç * Áæççç |á çç Á -Á@ÁVæçç |Áæç áÁQ | |{ ^ } ÉÁç Á |^~ Á & ^æ ç@Á • |^áÁ -Á@ÁVæçç |Áç@Á ç } ç * Ááá çç & Áá & ^æ^ÁÁç | { ç Á^Á@Á æç ~ { çæç • | |oÁ |^áÁ |ç Á ç^ÁáÁç } @ÁçÁ |ç |Áæç • | |ç * Áç Á^~ ç { ^ } É

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ÓÁæç æ^Á -Á@Á | |^æç * Á | ááá } • ÉÖ |Á |ç | |^æç Á@ÁVæçç |Á á@Á ^æç Á |Áæç |ç Áááá • | |Á | |Áá • ÉÁ @ } Á | |^æç * Á |, } Ááç |Á |Á } Á oÁ |Áæç Á |Áá |æç ÉÁÁááá ç * Ááá çç & ç & ^æ^Á • Á^~ Á çç^~ ÁÁæççç áÁáá & Á |^~ Á |^áÉÁÁ @ } Á | |^æç * Á |Áæççç, æ • Á • ç@ÁVæçç |ç Áæç ç * Á çç } ç * Á çç |Áæç áÁáá & Á |^~ Á |^áÉÁÁÁæç æ^Á -Áæççç |^~ } áÁ |^~ çç áÁ æççç oÁ |Áç@Á |Á^~ ÉÁÁÁÁÁ

Uæ^Áæç áÁÁááÁáá U | |^æç } ÁÁ & ç } ÁÉÉÉ

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Op-53

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 } ^ç!Áá^Á [íÁæ áÁæÁ •] ^á • Ác@Áææ } [óá^
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Op-267_A

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Op-267_B

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 ç } q * Áæ } íÁ ÈVæd íÁ , @^Á d^ææÁ } ææ *
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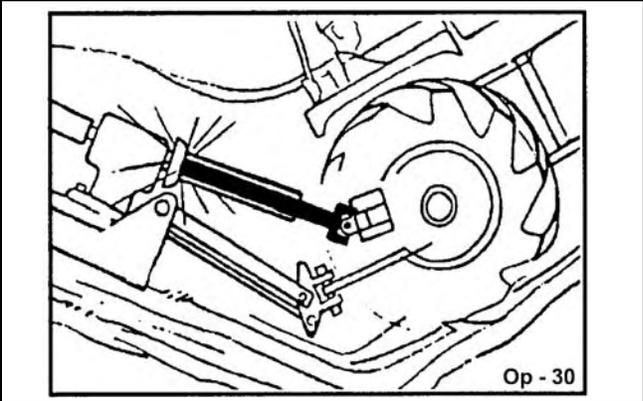
Úæ^Áæ áÁíææÁæ U íÁææ } Á^ææ } ÁÈG

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CD9F5HCB

- ' 7 fcgg|b| ' 8 |HW Yg' UbX' GHYd' bW|bYg

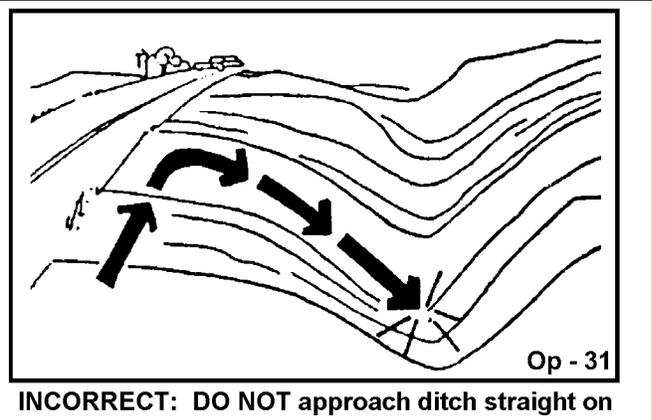
Y @} Á&[••q * Á&@•Á ã@ c^] Á& \•Á |Á [q * Á]
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WARNING

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INCORRECT: DO NOT approach ditch straight on

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CD9F5HCB

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Op-37

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Op-266

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Op - 55

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Op-25

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Op - 46

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Op-47

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Torque for Standard Fasteners

Nominal Dia. (in.)	threads per inch	Grade 2			Grade 5			Grade 8			Grade 9		
		Tightening Torque			Tightening Torque			Tightening Torque			Tightening Torque		
		Lubed K = 0.15	Dry Plated K = 0.17	Dry plain K = 0.20	Lubed K = 0.15	Dry Plated K = 0.17	Dry plain K = 0.20	Lubed K = 0.15	Dry Plated K = 0.17	Dry plain K = 0.20	Lubed K = 0.15	Dry Plated K = 0.17	Dry plain K = 0.20

Unified Coarse Thread Series

Nominal Dia. (in.)	Threads per inch	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
1/4	20	49	59	66	76	86	101	107	122	143	126	143	168
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	836	966	1288	1132	1283	1510
1 1/4	7	375	450	500	840	952	1121	1163	1363	1545	1817	1810	2130
1 1/2	6	652	783	869	1462	1657	1950	2031	2688	3162	2779	3150	3706

Fine Thread Series

Nominal Dia. (in.)	Threads per inch	56 in-lbs	68 in-lbs	75 in-lbs	87 in-lbs	99 in-lbs	116 in-lbs	123 in-lbs	139 in-lbs	164 in-lbs	144 in-lbs	163 in-lbs	192 in-lbs
1/4	28	56	68	75	87	99	116	123	139	164	144	163	192
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	26 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 D = Nominal Diameter
 Torque values calculated from formula T=KDF, where K = 0.17 for zinc plated and dry conditions F = Clamp Load
 K = 0.20 for plain and dry conditions

Torque-Tension Relationship for Metric Fasteners

Nominal Dia. (mm)	Pitch	Class 4.6			Class 8.8			Class 10.9			Class 12.9	
		Tightening Torque			Tightening Torque			Tightening Torque			Tightening Torque	
		Lubed K = 0.15	Dry Plated K = 0.17	Dry plain K = 0.20	Lubed K = 0.15	Dry Plated K = 0.17	Dry plain K = 0.20	Lubed K = 0.15	Dry Plated K = 0.17	Dry plain K = 0.20	Lubed K = 0.15	Dry plain K = 0.20
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	0.8	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	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 Diameter
 All torque values are listed in foot-pounds K = 0.17 for zinc plated, dry conditions F = Clamp Load
 Torque values calculated from formula T=KDF, where K = 0.20 for plain and dry conditions

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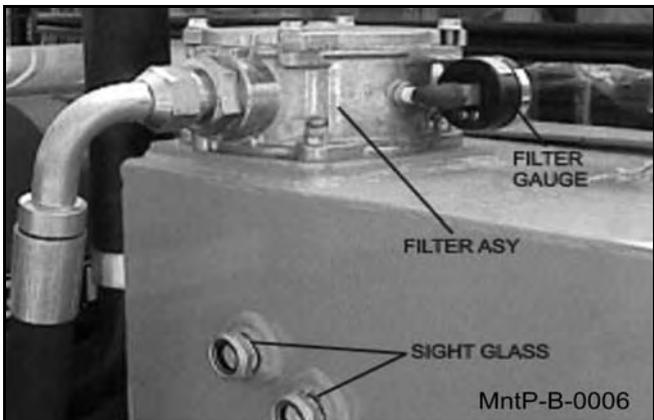
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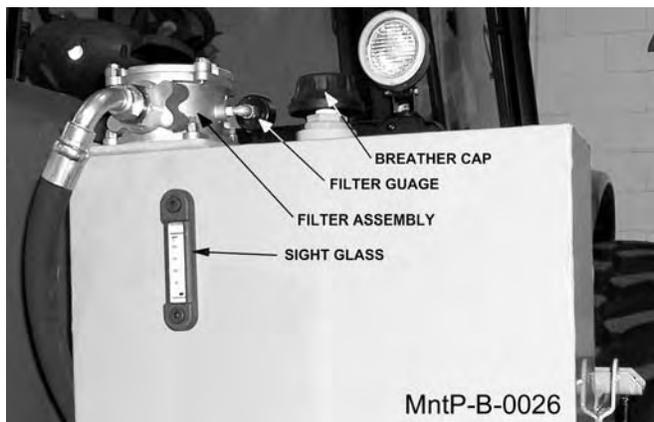
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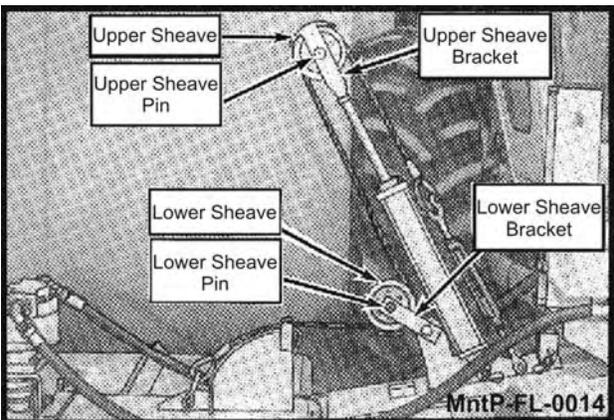
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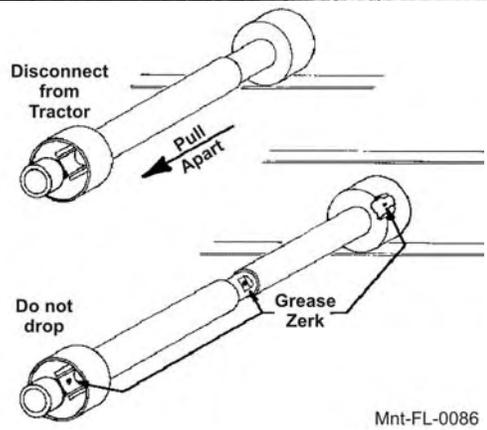
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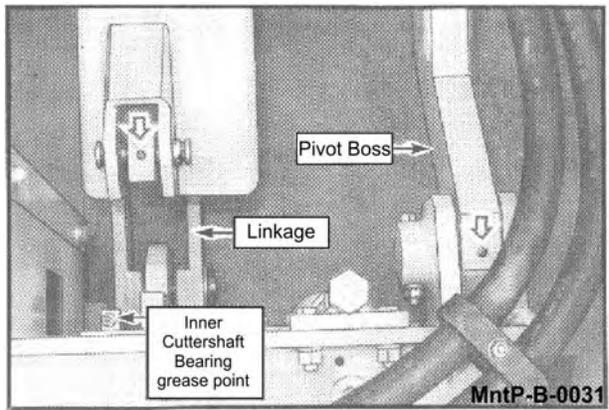
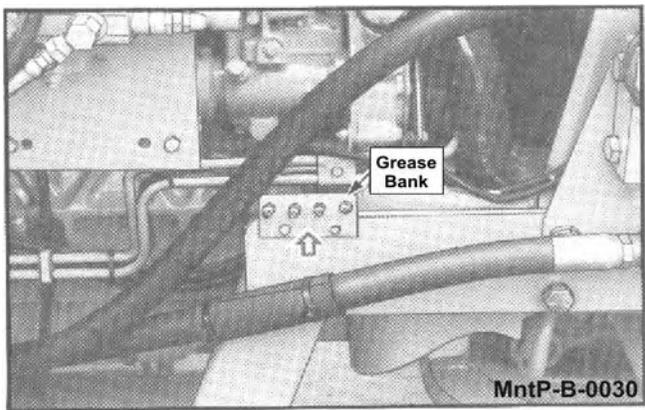
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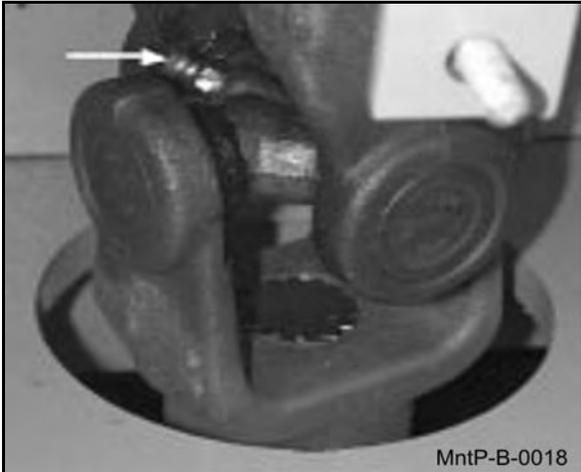
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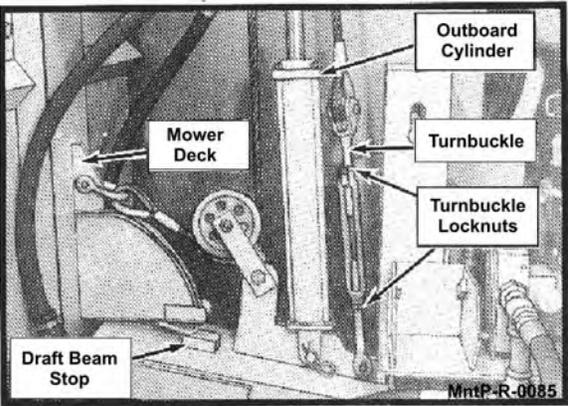
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NOTE: Make sure the cable turnbuckle is loose
 enough to allow the cylinder to reach full extension
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FCGH5 H9BG-CB9F

STANDARD DUTY REAR FLAILS

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ÓÒŠVÁP ØŠÖ

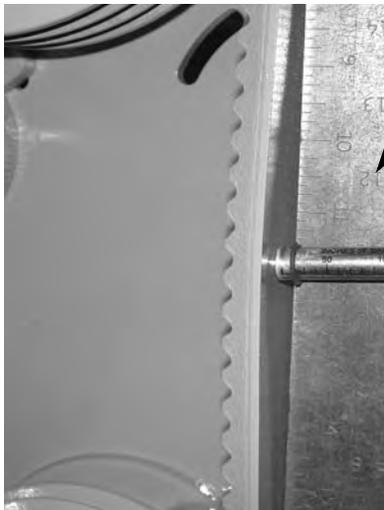
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ÛU ÛVÖÁ ÜÖP ÖP



ÛU ÛVÖÁ VÜÜ

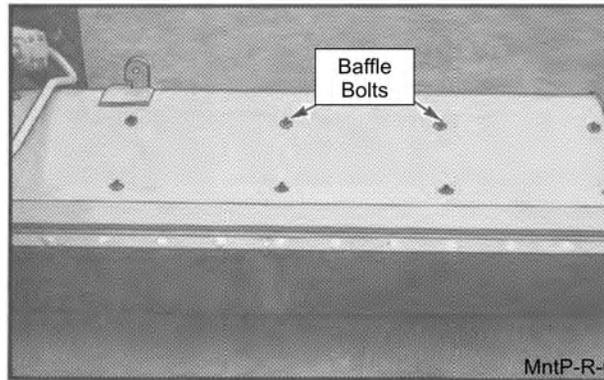
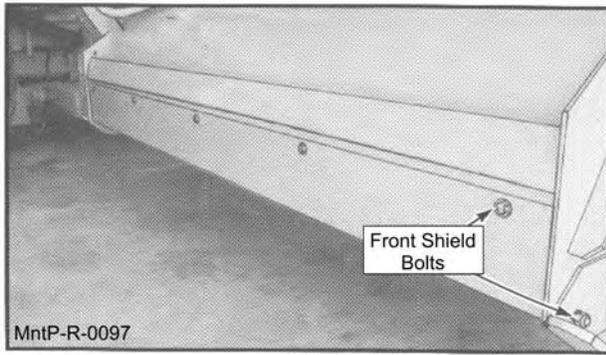


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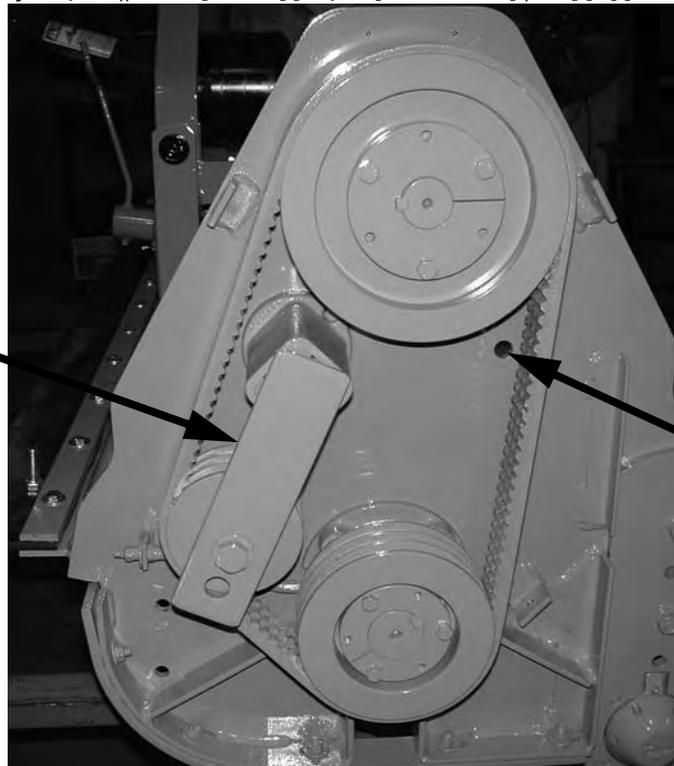


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F9J9FG-B; 'ACK 9F' FCH5HCB'C: 'G8' F95F': @=@ACK 9FG

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Blade Pins and D-Ring Inspection

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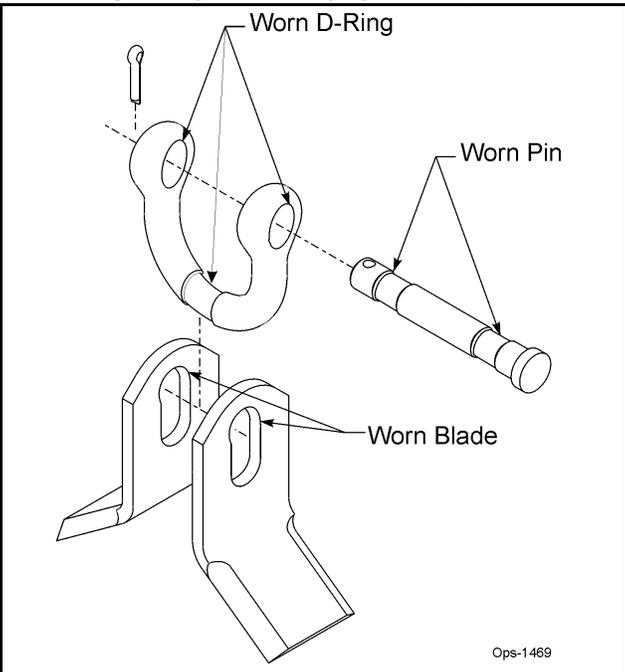
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MAINTENANCE

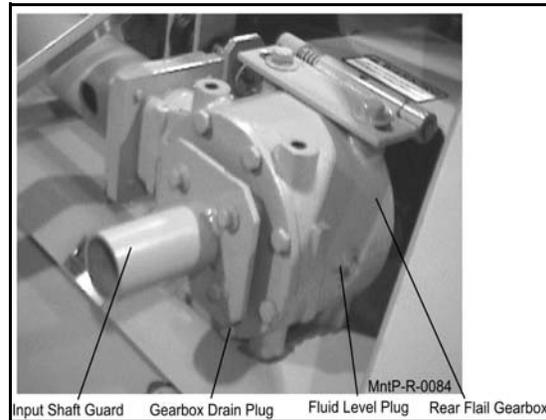
MAINTENANCE

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.

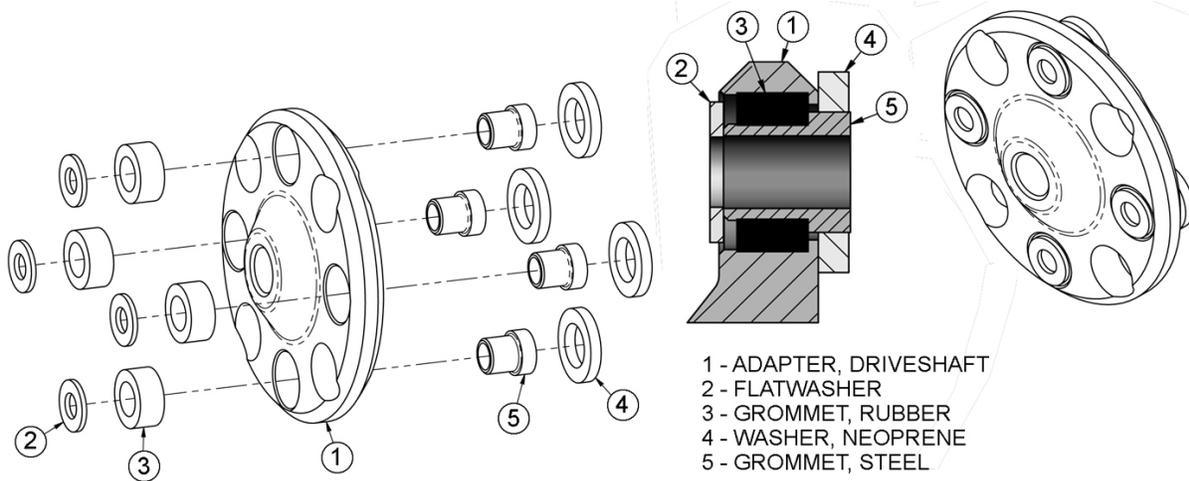
Do not overfill. excessive gear oil will run back out of the hole. Reinstall fluid level plug into gearbox. If gearbox has been overfilled, the excess may be expelled through the pressurized breather.



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)



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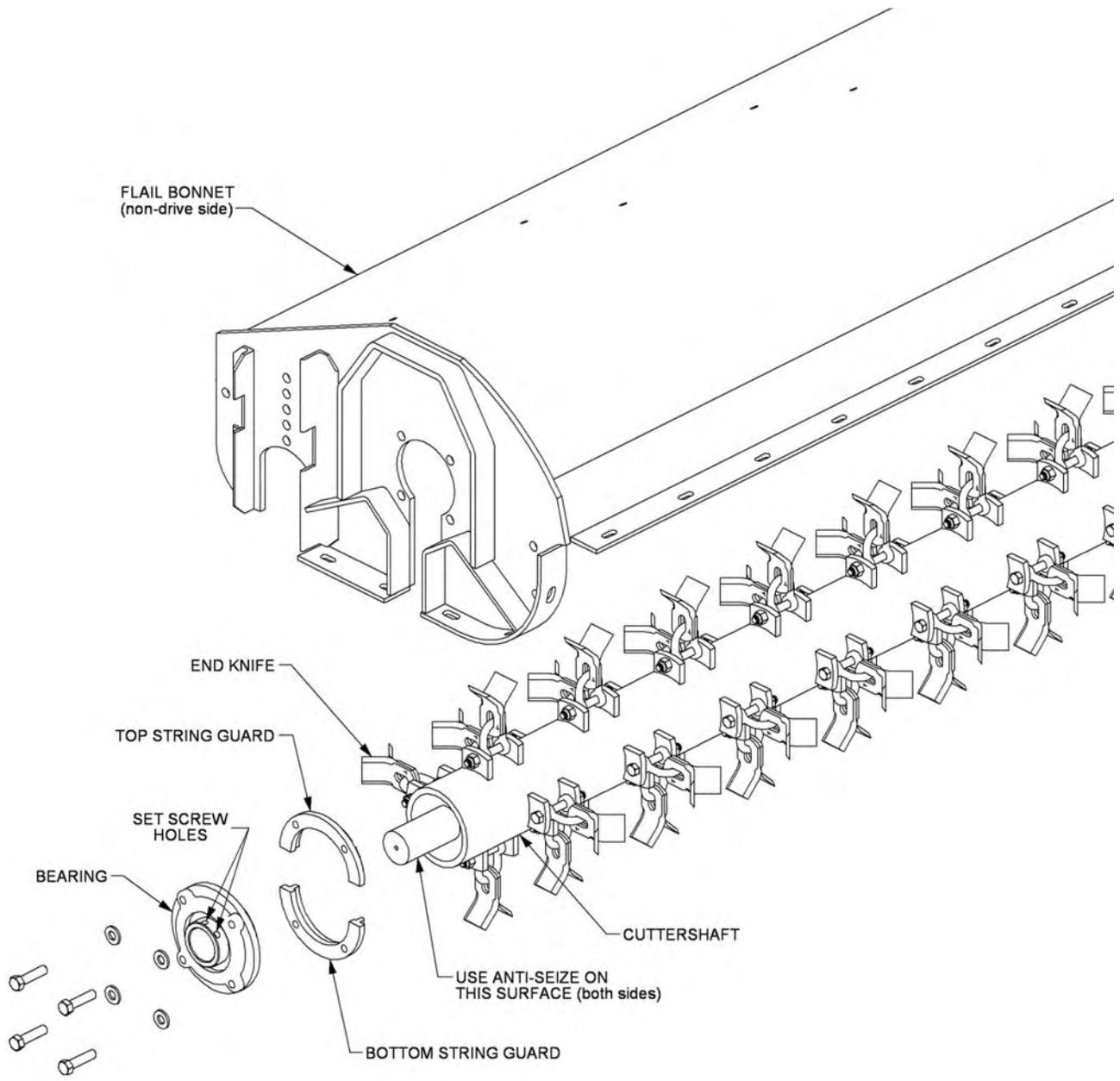
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PARTS SECTION

PART NAME INDEX

RCTVUQTFGT&I 'I W&G	5
VTCEVQT'O QWP V'MK	6
VTCEVQT'O QWP V'MK/'J [FTCWN&U	8
4"URQQN'ECDNG'EQP VTQN'UVCP F	:
ECDNG'O CP WCN+'N&V'XCNXG/'4"URQQN	32
ECDNG'O CP WCN+'N&V'XCNXG'DTGCMF QY P '/'46: 95	34
Y J GGN'URCEGT	36
J QUG'I W&G'QP 'F TCHV'DGCO	37
P QVGU'3	38

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.

1. 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.
2. 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.
5. 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.

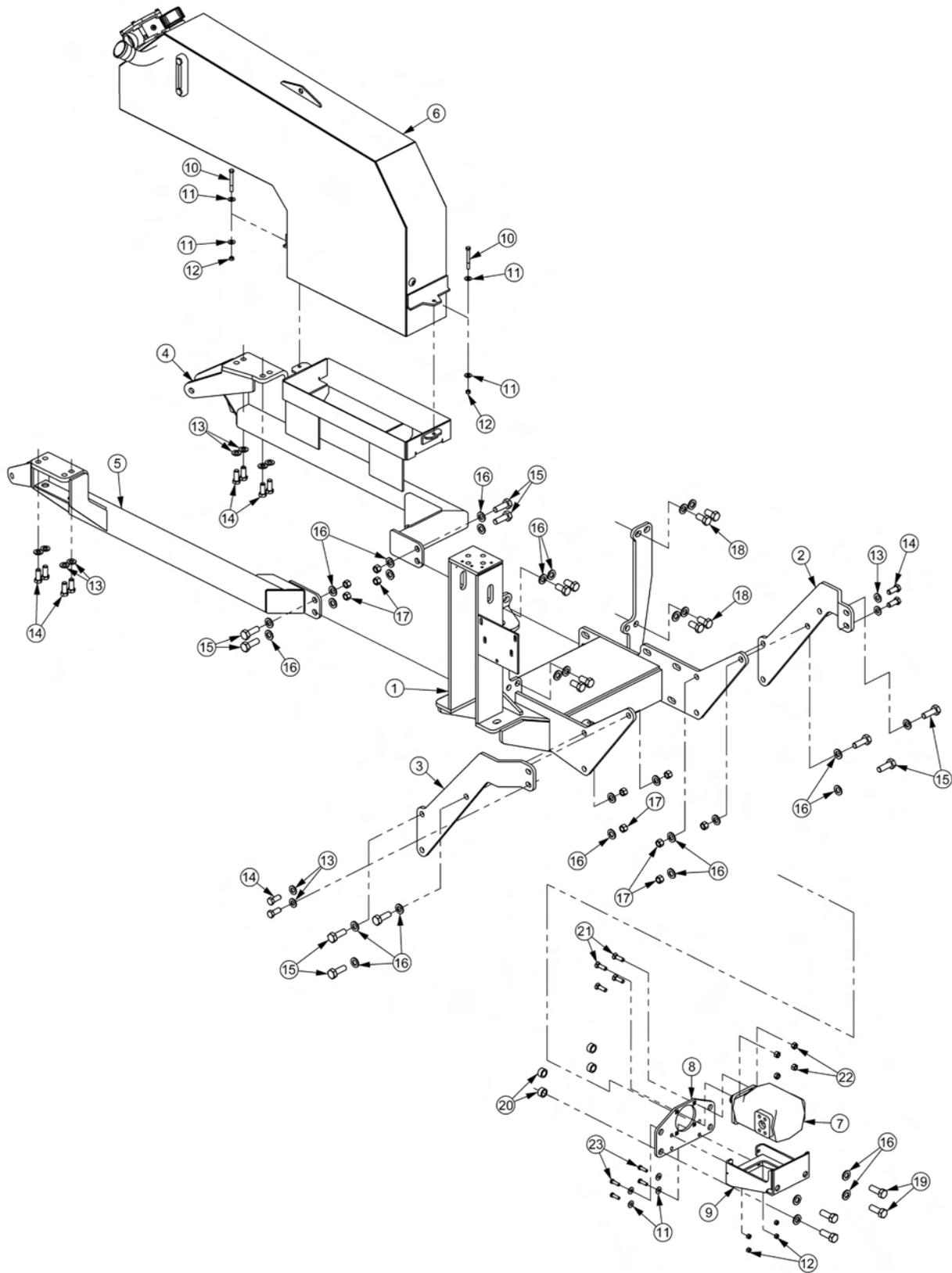


For maximum safety and to guarantee optimum product reliability, always use genuine **Tiger** replacement parts. The use of inferior replacement parts may cause premature or catastrophic failure which could result in serious injury or death.

Direct any questions regarding parts to:

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

TRACTOR MOUNT KIT



TRACTOR MOUNT KIT

Continued...

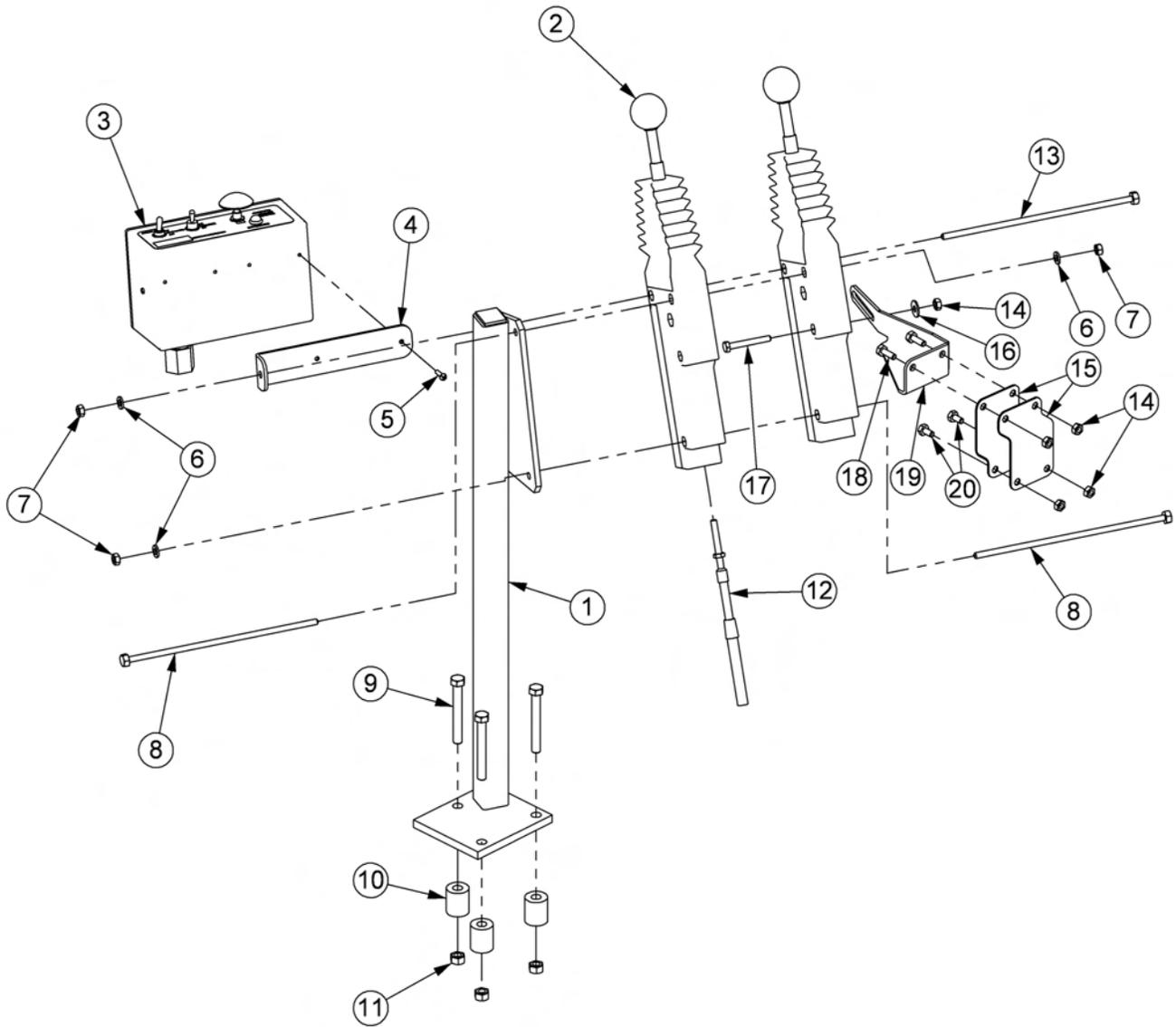
ITEM	PART NO.	QTY.	DESCRIPTION
3	2852232;	3	O C P 'H T C O G
///	28522346	3	O P H T O . N F T ' * N Q C F G T ' O Q W P V +
4	28632: ; :	3	W R T H J V . N J
5	28632: ; ;	3	W R T H J V . T J
6	28522333	3	C Z N G ' D T E . N J
7	28522332	3	C Z N G ' D T E . T J
8	285: 2237	3	V C P M T G U Y J G G N ' Y G N N
9	45374	3	R W O R . R 5 7 2 / 3 / 5 1 6 ' I G C T
:	28623256	3	O Q W P V . R W O R
;	285: 2253	3	I W C T F . R W O R
32	4385;	4	E C R U E T G Y . 5 1 ' Z ' 5 / 3 1 6 \$. P E
33	44238	:	H N C V Y C U J G T . 5 1 ' \$
34	43849	8	P [N Q E M P W W . 5 1 ' \$. P E
35	55986	34	H N C V Y C U J G T . 7 1 ' \$. U C G
36	44643	34	E C R U E T G Y . 3 8 0 O ' Z ' 6 2 0 O . 4 0 R
37	43: 54	32	E C R U E T G Y . 5 1 6 \$ ' Z ' 4 \$. P E
38	55: : 2	54	H N C V Y C U J G T . 5 1 6 \$. U C G
39	43: 47	32	J G Z ' P W W . 5 1 6 \$. P E
3:	46: 82	:	E C R U E T G Y . 4 2 0 O ' Z ' 6 2 0 O . 4 0 R
3;	494: 4	6	E C R U E T G Y . 4 2 0 O ' Z ' 7 7 0 O . 4 0 R
42	46: 6;	6	U R C E G T . 9 1 ' \$ ' Z ' 3 / 3 1 6 \$ Q F ' Z ' 7 1 ' \$
43	454: 5	6	R N Q Y . D Q N V . 3 4 \$ ' Z ' 3 / 5 1 6 \$. P E
44	43947	6	J G Z ' P W W . 3 4 \$. P E
45	43853	6	E C R U E T G Y . 5 1 ' Z ' 3 / 3 1 6 \$. P E

TRACTOR MOUNT KIT - HYDRAULICS

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
---	06700091	1	TANK,RES,ASSY,WHEEL WELL
9	06380015	1	TANK,RES,WHEEL WELL
10	06505067	1	SIGHT GAUGE
11	06505044	1	FLTR ASSY,IN-TANK CPLT,SAE10MP
12	21627	4	NYLOCK NUT,3/8",NC
13	06505127	1	PLUG,SAE,#20
14	6T0649	1	FILTER GAUGE
15	TF4888	1	STREET ELBOW,1/8" X 90°
16	06505077	1	CAP,BREATHER,O-RING
17	06503084	1	ELBOW,1-1/2"FOR X 1-1/2"FOR,MACH
18	06503083	1	ADAPTER,1-1/2"MOR X 1-1/2"MOR
19	34309	1	BALL VALVE,1-1/2"FOR
20	34710	1	ADAPTER,1-1/2"MOR X 1-1/2"MJ
21	06500428	1	HOSE,1-1/2" X 90"
---	06500470	1	HOSE,1-1/2" X 96" (LOADER MOUNT)
22	TF4852	2	KIT,FLANGE,#20
23	06506023	1	HOSE/TUBE,1" X 62"
---	06500430	1	HOSE,1" X 82" (LOADER MOUNT)
24	34117	1	ELBOW,1"MOR X 1"MJ90,FORGED
25	06510083	1	VALVE,BRAKE,SOL,3000PSI,METRI
26	33554	3	ELBOW,1"MOR X 1"MJ,45°
27	06500398	1	HOSE,1" X 114"
---	06500096	1	HOSE,1" X 120" (LOADER MOUNT)
28	34064	1	ADAPTER,1-1/4"MOR X 1"MJ
29	-----	1	AXLE BRC,LH *REFER TO TRACTOR MOUNT KIT PAGE
30	32382	3	BRACKET,HOSE
31	21782	2	CAPSCREW,5/8" X 1-3/4",NC
32	33764	5	FLATWASHER,5/8",SAE
33	21775	2	HEX NUT,5/8",NC
34	22421	1	CAPSCREW,16MM X 40MM,2.0P
35	34076	1	CLAMP KIT,TUBE,1",2PST,BOLT
36	34626	1	BRKT,TUBE,CLAMP
37	22425	1	CAPSCREW,16MM X 60MM,2.0P
38	30255	2	SPACER,1-1/4"OD X 3/4"ID X 3/4"
39	21644	2	CAPSCREW,3/8" X 5",NC
40	22016	2	FLATWASHER,3/8"
41	21627	2	NYLOCK NUT,3/8",NC
42	-----	-	MAIN FRAME *REFER TO TRACTOR MOUNT KIT PAGE
43	06500429	1	HOSE,1" X 90" (RETURN)
44	06500430	1	HOSE,1" X 82" (PRESSURE)

2 SPOOL CABLE CONTROL STAND

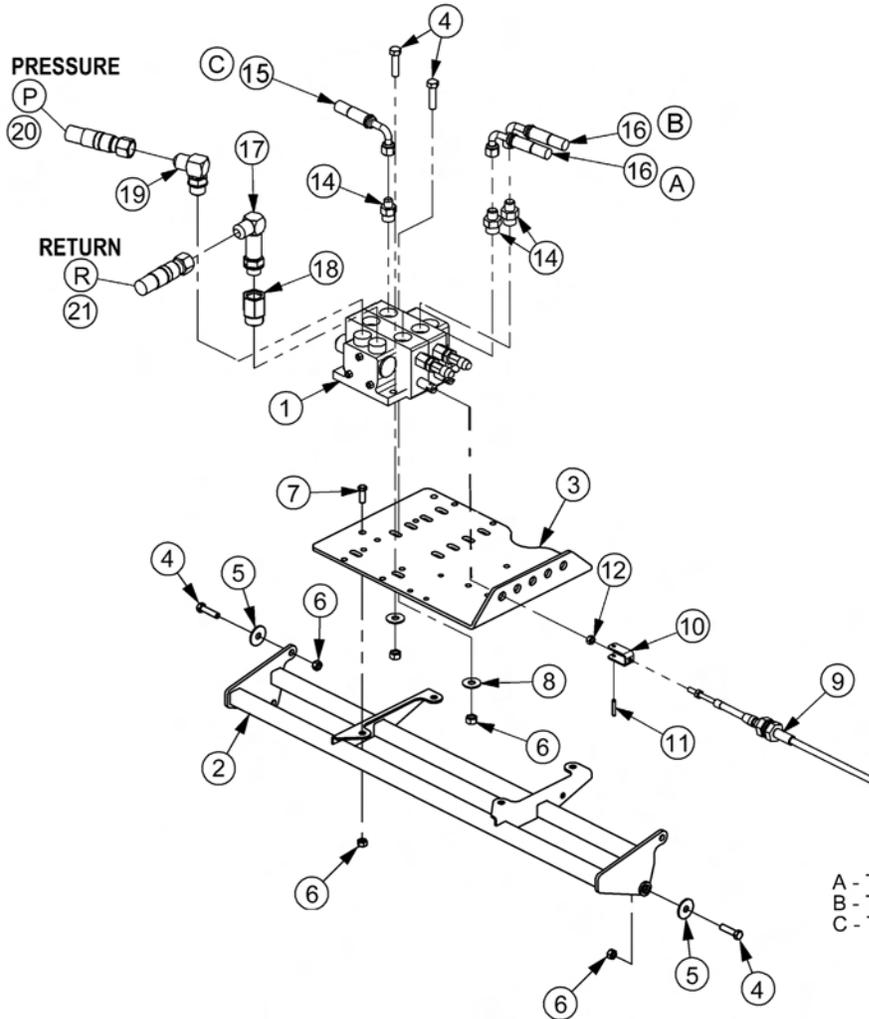
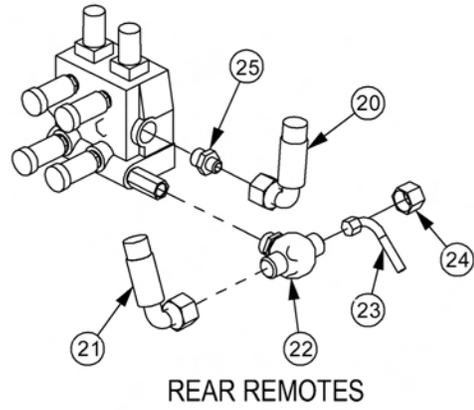
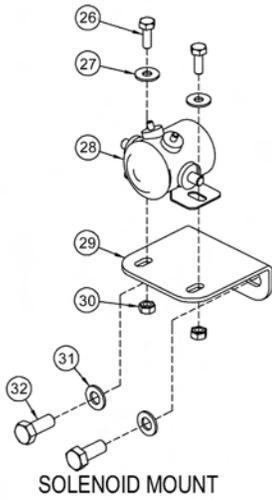


2 SPOOL CABLE CONTROL STAND

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
1	31923	1	BRKT,CTRL,CBL
2	6T1251	2	CBL CTRL BOX,180 DEG
3	06510102	1	SWITCH BOX,SIDE
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	21542	2	CAPSCREW,1/4" X 4",NC
9	21635	3	CAPSCREW,3/8" X 2-1/4",NC
10	27082B	3	SPACER
11	21627	3	NYLOCK NUT,3/8",NC
12	06505100	2	CBL,CNTRL,108
13	21544	1	CAPSCREW,1/4" X 5",NC
14	21527	5	NYLOCK NUT,1/4",NC
15	06411086	2	BRKT,MNT
16	22014	1	FLATWASHER,1/4"
17	21534	1	CAPSCREW,1/4" X 2",NC
18	21529	2	CAPSCREW,1/4" X 3/4",NC
19	06411087	1	BRKT,STABILIZER
20	21528	2	CAPSCREW,1/4" X 1/2",NC

CABLE (MANUAL) LIFT VALVE - 2 SPOOL

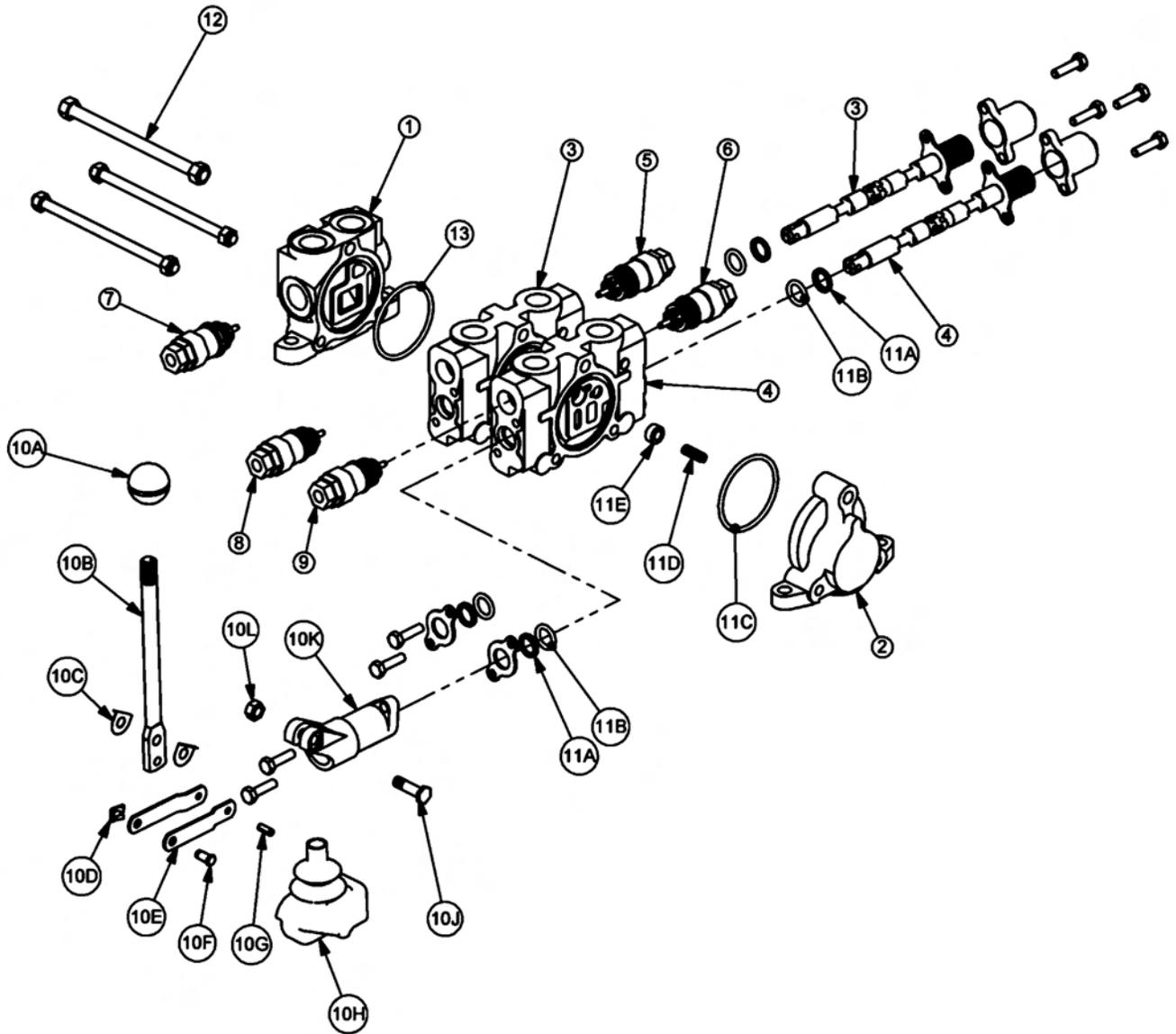


CABLE (MANUAL) LIFT VALVE - 2 SPOOL

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ITEM	PART NO.	QTY.	DESCRIPTION
1	24873	1	VALVE,2SP,HSC,OC
2	06340033	1	VALVE MNT
3	34622	1	PLATE,VALVE,REAR MNT
4	21632	9	CAPSCREW,3/8" X 1-1/2",NC
5	6T2615	4	WASHER,FENDER,3/8"
6	21627	13	NYLOCK NUT,3/8",NC
7	21630	4	CAPSCREW,3/8" X 1",NC
8	22016	4	FLATWASHER,3/8"
9	06505100	2	CBL,CNTRL,108"
10	6T4411	2	CLEVIS,CBL CTRL,3/16"
11	6T3017	2	ROLLPIN,3/16" X 1"
12	21500	4	HEX NUT,1/4",NF
14	33271	3	ADAPTER,1/2"MOR X 3/8"MJ
15	33652	1	HOSE,1/4" X 130"
16	33364	2	HOSE,1/4" X 120"
17	33293	1	ELBOW,LONG,1/2"MOR X 1/2"MJ 90
18	32678	1	ADAPTER,5/8"MOR X 1/2"FOR
19	33383	1	ELBOW,5/8"MOR X 1/2"MJ X 90
20	06500467	1	HOSE,1/2" X 31"
21	06500468	1	HOSE,1/2" X 33"
22	06503130	1	TEE,BRANCH
23	-----	-	PRFRMD TUBE (TRACTORS WITH MID-MOUNT VALVE)
24	06503129	1	CAP,3/4"FS (TRACTORS W/OUT MID-MOUNT VALVE)
25	RE267820	1	ADAPTER,PB
26	21529	2	CAPSCREW,1/4" X 3/4",NC
27	22014	2	FLATWASHER,1/4"
28	6T3927	1	SOLENOID,CONTINUOUS DUTY
29	06411085	1	BRKT,MNT,SOLENOID
30	21527	2	NYLOCK NUT,1/4",NC
31	32724	2	FLATWASHER,10MM
32	27513	2	CAPSCREW,10MM X 35MM,1.5P

CABLE (MANUAL) LIFT VALVE BREAKDOWN - 24873

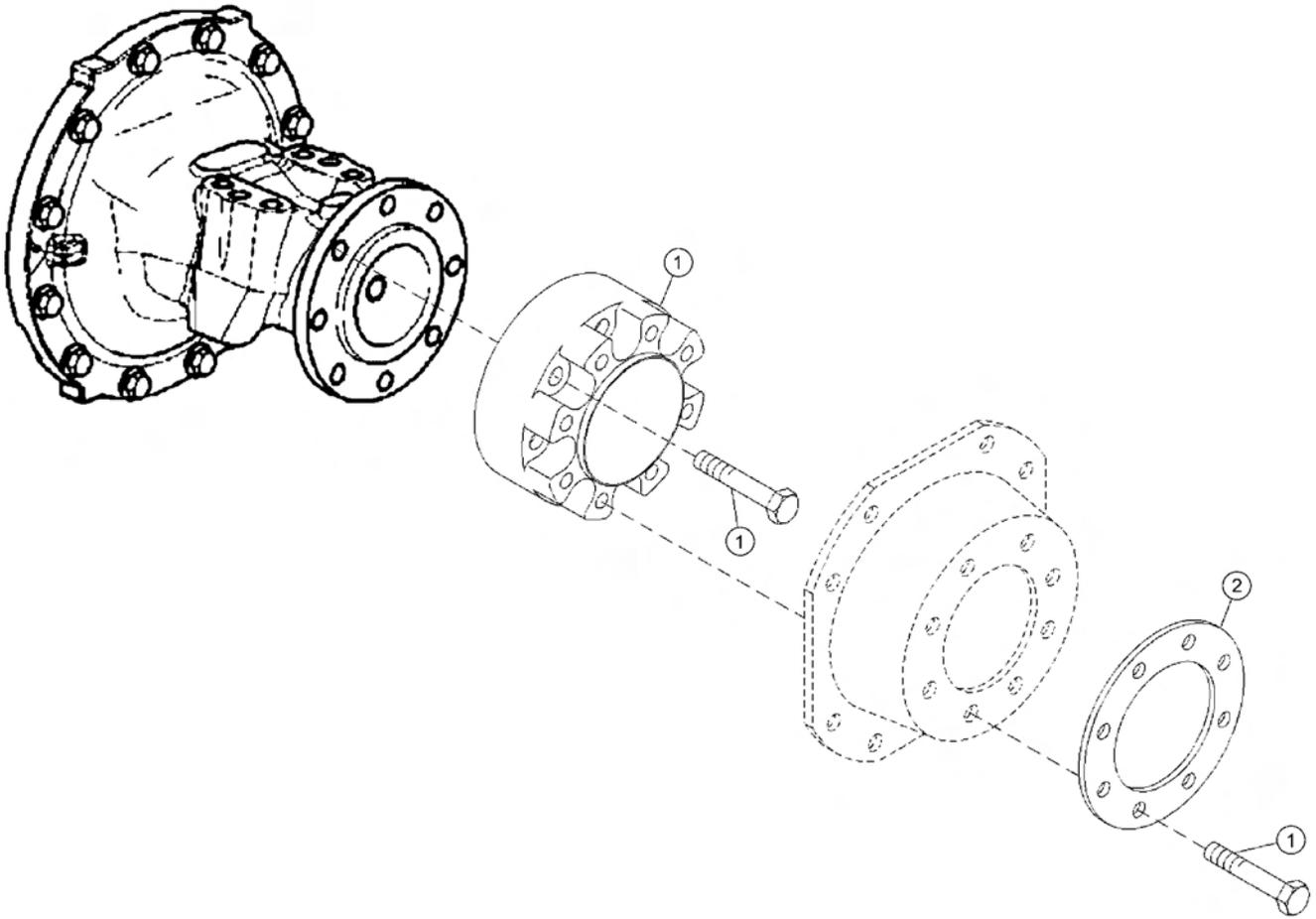


CABLE (MANUAL) LIFT VALVE BREAKDOWN - 24873

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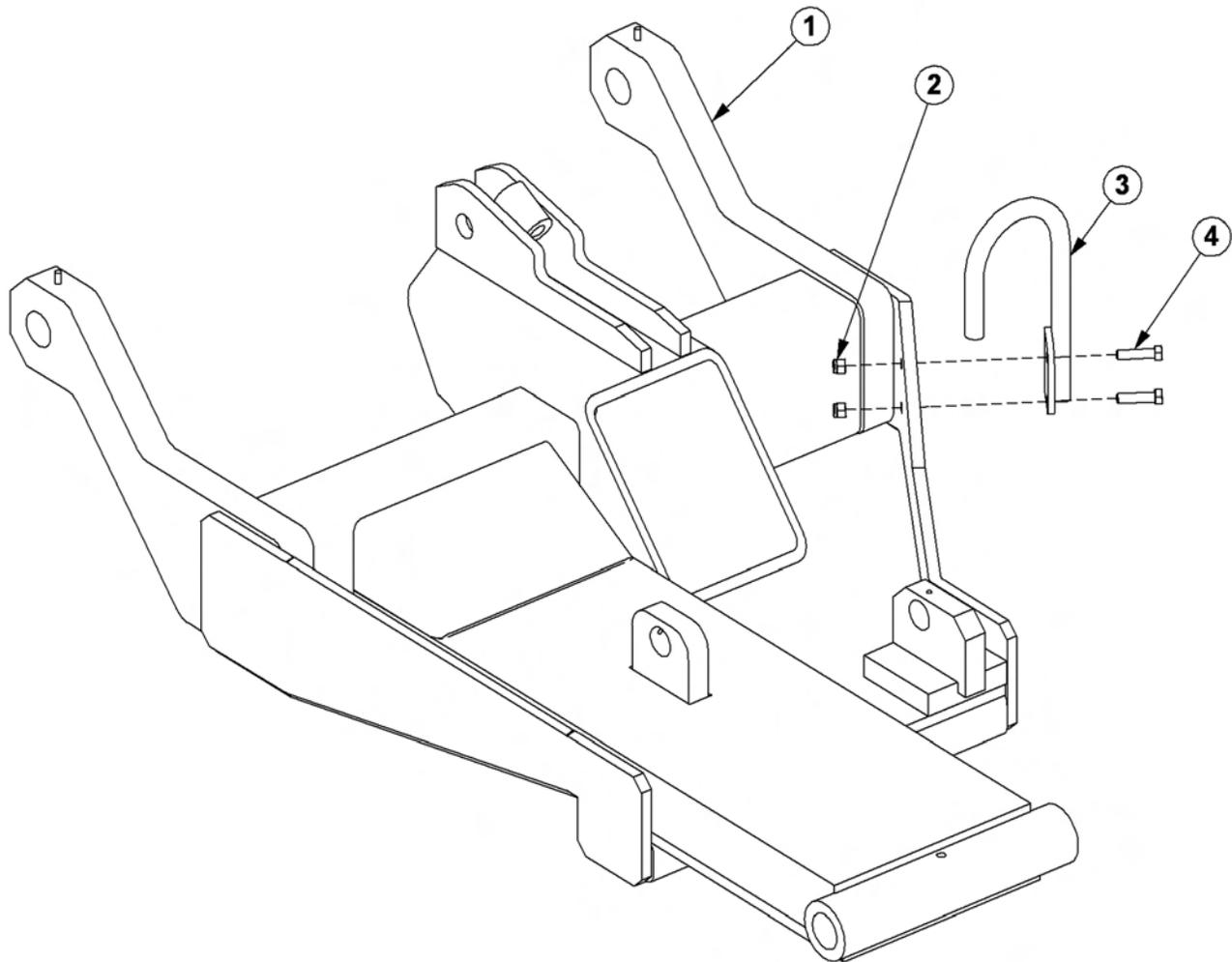
ITEM	PART NO.	QTY.	DESCRIPTION
1	TB1017S	1	INLET END COVER
2	TB1701	1	END COVER,OPEN CENTER
3	TF3009	1	VALVE SECTION (DOUBLE ACTING,DETENT-FLOAT)
4	TF3009	1	VALVE SECTION (DOUBLE ACTING,DETENT-FLOAT)
5	06503067	1	#10 O-RING PLUG
6	31861	1	RELIEF VALVE, 360 PSI
7	TB1017E	1	RELIEF VALVE, 2250 PSI
8	TB1017M	1	SHUT-OFF PLUG
9	TB1017M	1	SHUT-OFF PLUG
10	TB1017L	2	LEVER KIT (FOR ONE SECTION)
10A	-----	1	LEVER KNOB
10B	-----	1	LEVER
10C	-----	2	LEVER WASHER
10D	-----	1	LEVER CLIP
10E	-----	2	LINKAGE
10F	-----	1	LEVER PIN
10G	-----	1	ROLL PIN
10H	-----	1	LEVER BOOT
10J	-----	1	LEVER BOLT
10K	-----	1	LEVER DUST COVER
10L	-----	1	LEVER NUT
11	TB1017A	2	VALVE SEAL KIT (FOR ONE SECTION)
11A	-----	2	WIPER
11B	-----	2	O-RING SMALL
11C	-----	2	O-RING LARGE
11D	-----	1	SPRING
11E	-----	1	PUCKET
12	TB1017X	1	TIE ROD KIT
13	24214	1	O-RING, LARGE

WHEEL SPACER



ITEM	PART NO.	QTY.	DESCRIPTION
1	06770025	1	KIT,SPCR,WHL,JD
2	06400919	1	RING,SPACER,WHEEL,JD

HOSE GUIDE ON DRAFT BEAM



ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	-	DRAFT BEAM *REFER TO COMMON PARTS SECTION
2	21627	2	NYLOCK NUT,3/8",NC
3	06370164	1	HOSE GUIDE
4	21632	2	CAPSCREW,3/8" X 1-1/2",NC

NOTES

COMMON SIDE FLAIL - SUPER DUTY

PARTS SECTION

PART NAME INDEX

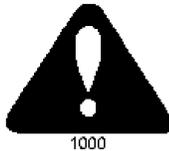
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PARTS ORDERING GUIDE

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

1. 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.
2. 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.
5. 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.

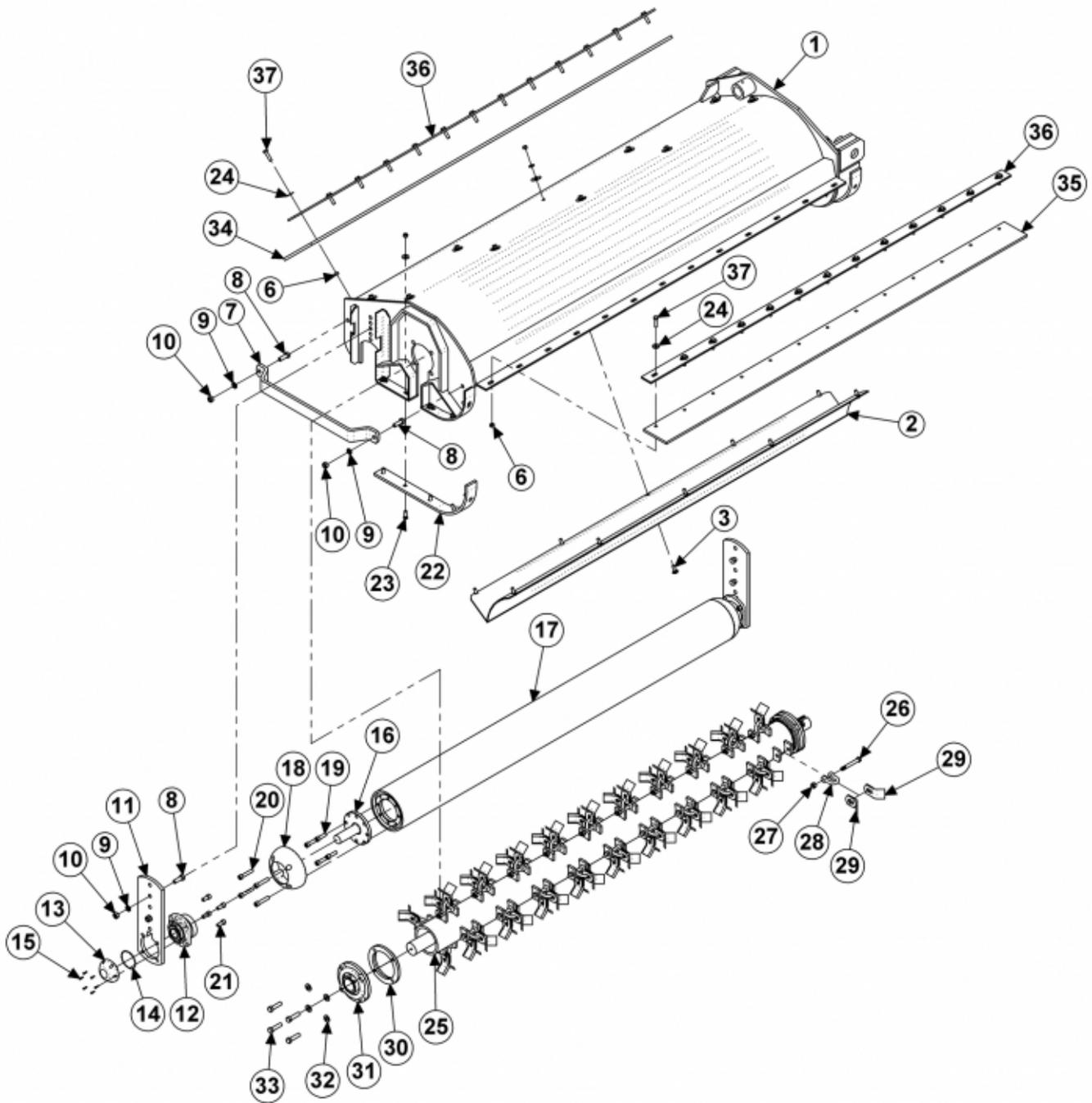


For maximum safety and to guarantee optimum product reliability, always use genuine **Tiger** replacement parts. The use of inferior replacement parts may cause premature or catastrophic failure which could result in serious injury or death.

Direct any questions regarding parts to:

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

63IN SIDE FLAIL - FORWARD ROTATION



ITEM	PART NO.	QTY.	DESCRIPTION
1	28647E	1	BONNET,63",STD,COMBO
2	28665A	1	BAFFLE,63",STD ROT
3	6T2283	10	CARRIAGE BOLT,3/8" X 1"NC
4	6T2615	10	WASHER,FENDER 3/8"
5	21988	10	LOCKWASHER,3/8"

COMMON SIDE FLAIL - SD

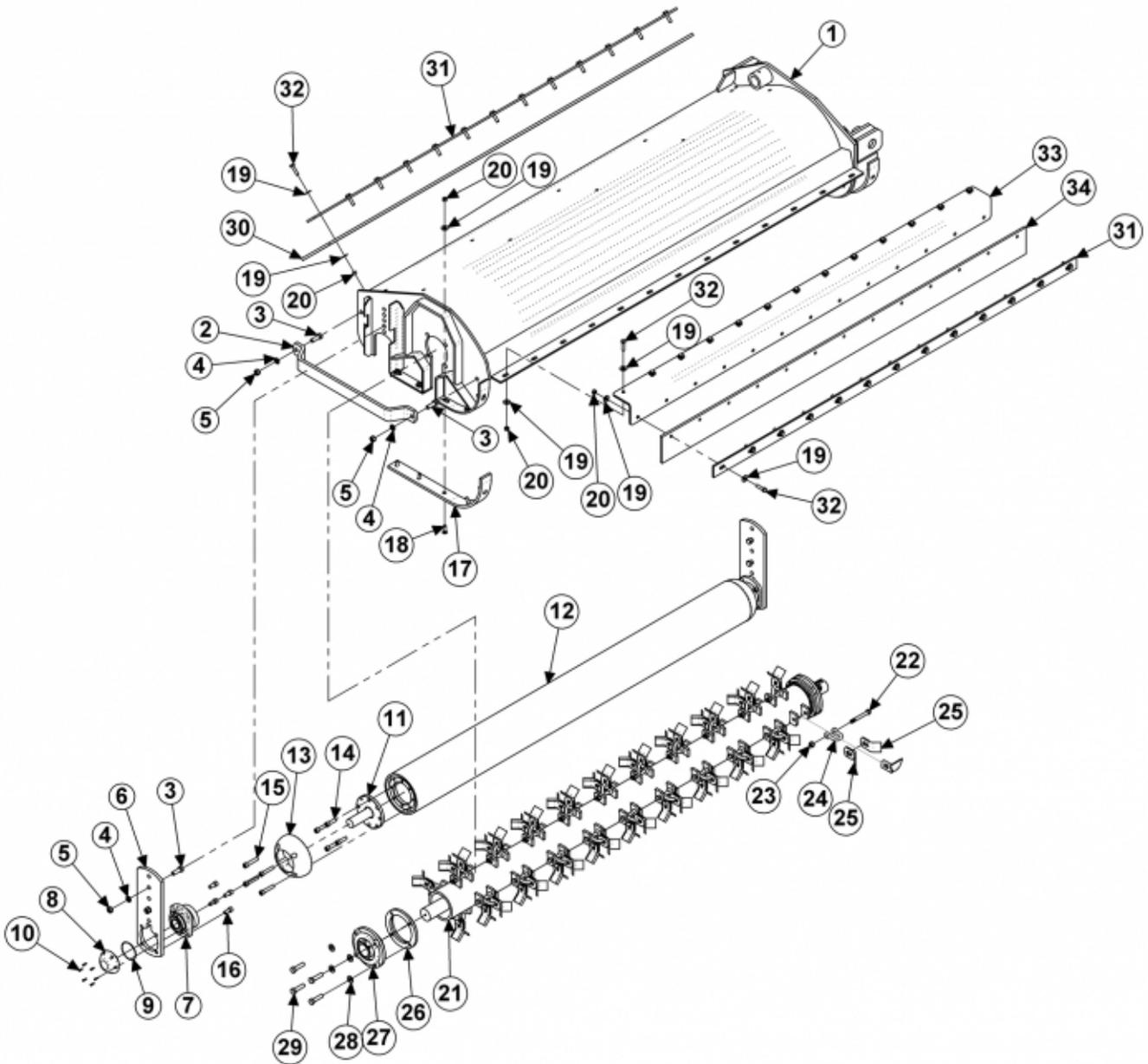
63IN SIDE FLAIL - FORWARD ROTATION

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
6	21625	42	HEX NUT,3/8",NC
7	27975A	1	CUTTERSHAFT, BEARING GUARD
8	21731	6	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,GRND ROLLER
14	06520029	2	O-RING,2 3/4X3/32,AS568A-148
15	06530001	12	CAPSCREW,SKT HD,8-32X1/2,SS
16	06370380	2	STUB SHAFT,GRND ROLR,WELDMENT
17	06320322	1	GRNDRLLR,6,63
18	06420220	2	CAP,END,6"
19	6T2330	8	CAPSCREW, 7/16 X 1 1/2, SOCKET HEAD
20	31270	8	CAPSCREW,SKTHD,7/16X2 1/4,NC,GR8
21	6T2331	8	CAPSCREW, 7/16 X 1, SOCKET HEAD
22	28086A	2	SKID SHOE
23	30013	10	PLOW BOLT,3/8X1 1/4,NC,GR5
24	22016	54	FLATWASHER,3/8",GR8
25	28642C	1	CUTTERSHAFT,63"
26	34011	32	CAPSCREW, 7/16 X 3 7/16,NC GR 8
27	21677	32	NYLOCK NUT,7/16 NC
28	TF1020	32	KNIFE MTG CLEVIS,FLAIL
29	33713	64	KNIFE, FLAIL, SHORT
30	33863	2	HALF STRING GUARD,STD
31	28683	2	BEARING,FLANGE,1-15/16"STD TSF
32	06533006	8	FLATWASHER,1/2,SAE,L9
33	06530217	8	CAPSCREW, 1/2 X 2,NC,L9
34	TF1016	1	FLAP,DEFLECTOR,TSF,63"
35	06520241	1	FLAP,63",FRONT
36	28700	2	BAR,FLAP,TSF/TBF,63"
37	21632	22	CAPSCREW,3/8" X 1-1/2" NC

COMMON SIDE FLAIL - SD

63IN SIDE FLAIL - REVERSE ROTATION



ITEM	PART NO.	QTY.	DESCRIPTION
1	28647E	1	BONNET,63",STD,COMBO
2	27975A	1	CUTTERSHAFT, BEARING GUARD
3	21731	6	CAPSCREW, 1/2 X 1 1/2,NC
4	21990	6	LOCKWASHER, 1/2"
5	21725	6	HEX NUT, 1/2" NC
6	28735	2	GROUND ROLLER ADJ BRKT,STD DTY
7	06520028	2	BEARING,FLANGE,1 3/8,GRNDRLR
8	06520027	2	CAP,BEARING,GRND ROLLER
9	06520029	2	O-RING,2 3/4X3/32,AS568A-148

COMMON SIDE FLAIL - SD

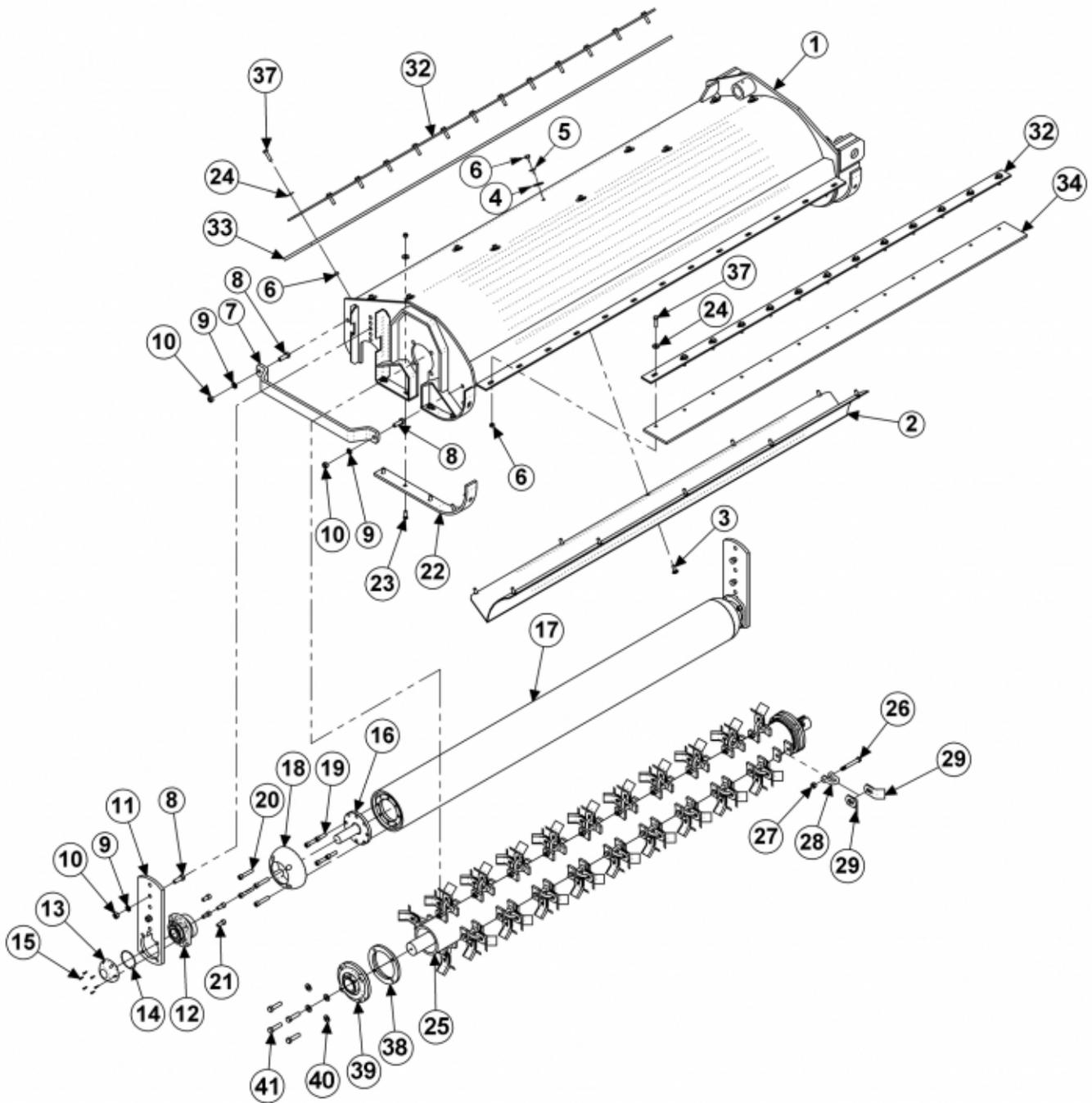
63IN SIDE FLAIL - REVERSE ROTATION

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
10	06530001	12	CAPSCREW,SKT HD,8-32X1/2,SS
11	06370380	2	STUB SHAFT,GRND ROLR,WELDMENT
12	06320322	1	GRNDRLLR,6,63
13	06420220	2	CAP,END,6"
14	6T2330	8	CAPSCREW, 7/16 X 1 1/2, SOCKET HEAD
15	31270	8	CAPSCREW,SKTHD,7/16X2 1/4,NC,GR8
16	6T2331	8	CAPSCREW, 7/16 X 1, SOCKET HEAD
17	28086A	2	SKID SHOE
18	30013	10	PLOW BOLT,3/8X1 1/4,NC,GR5
19	22016	76	FLATWASHER,3/8",GR8
20	21625	43	HEX NUT,3/8",NC
21	28642C	1	CUTTERSHAFT,63"
22	34011	32	CAPSCREW, 7/16 X 3 7/16,NC GR 8
23	21677	32	NYLOCK NUT,7/16 NC
24	TF1020	32	KNIFE MTG CLEVIS,FLAIL
25	33713	64	KNIFE, FLAIL, SHORT
26	33863	2	HALF STRING GUARD,STD
27	28683	2	BEARING,FLANGE,1-15/16"STD TSF
28	06533006	8	FLATWASHER,1/2,SAE,L9
29	06530217	8	CAPSCREW, 1/2 X 2,NC,L9
30	TF1016	1	FLAP,DEFLECTOR,TSF,63"
31	28700	2	BAR,FLAP,TSF/TBF,63"
32	21632	29	CAPSCREW,3/8" X 1-1/2" NC
33	06413160	1	MNT,FLAP,FRONT,VERT,63
34	06520241	1	FLAP,63",FRONT
35	28184A	32	KNIFE,FLAIL,SMC,STD

COMMON SIDE FLAIL - SD

75IN SIDE FLAIL - FORWARD ROTATION



ITEM	PART NO.	QTY.	DESCRIPTION
1	28736D	1	BONNET,75",STD,T3F,RT
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"

COMMON SIDE FLAIL - SD

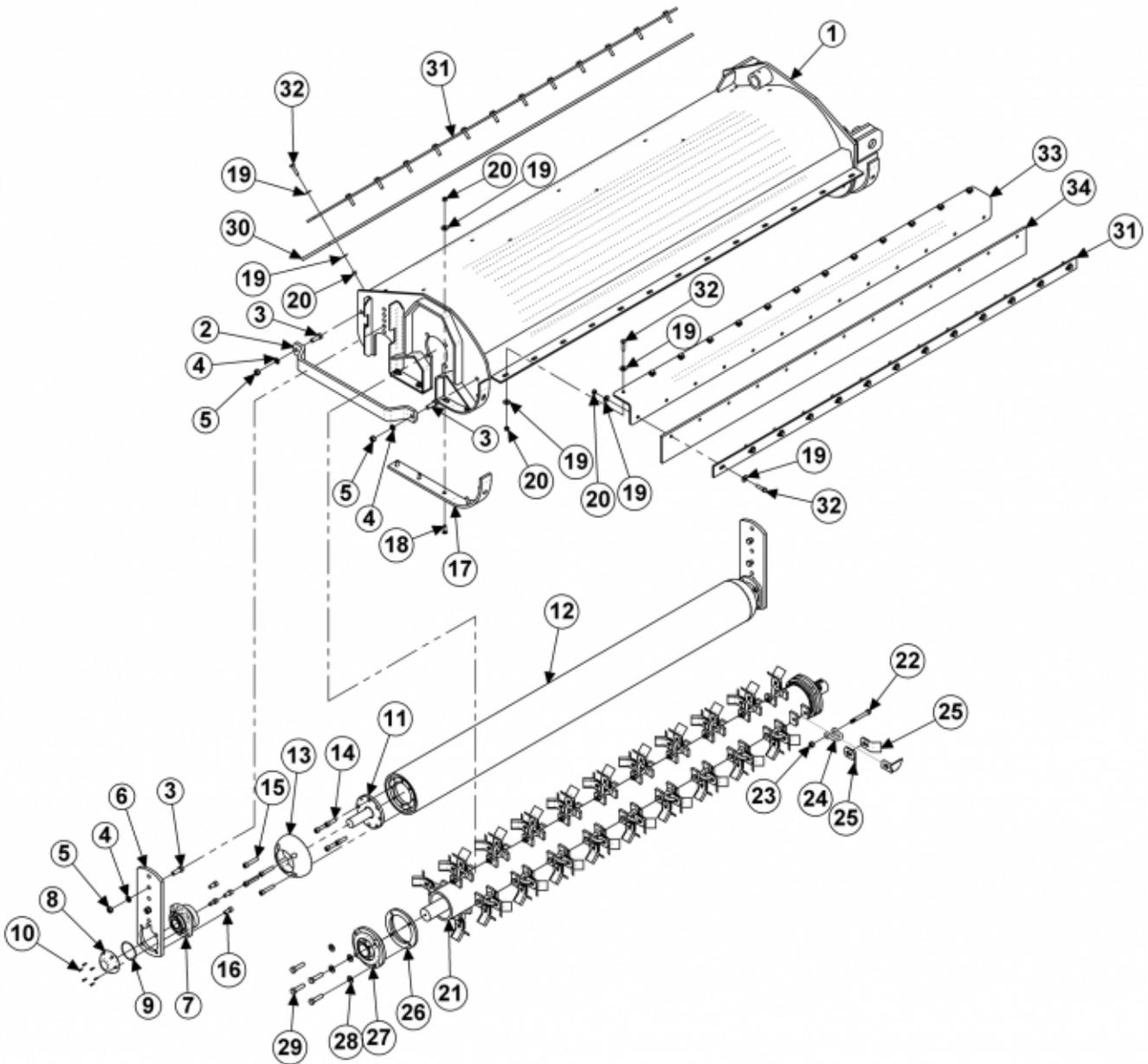
75IN SIDE FLAIL - FORWARD ROTATION

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
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	06370380	2	STUB SHAFT,GRNDRLLR
17	28738	1	GROUND ROLLER,6,75
18	06420200	2	CAP,6"
19	6T2330	8	CAPSCREW,SKT HD,7/16" X 1-1/2",NC
20	6T2331	8	CAPSCREW,SKT HD,7/16" X 1",NC
21	30013	10	PLOW BOLT,3/8" X 1-1/4",NC,GR5
-----	28747	-	CUTTERSHAFT ASSY,STANDARD
22	28086A	2	SKID SHOE,STD DUTY REAR FLAIL
24	22016	36	FLATWASHER,3/8"
25	28643B	1	CUTTERSHAFT,75"
26	34011	40	CAPSCREW,7/16" X 3-7/16",NC,GR8
27	21677	40	NYLOCK NUT,7/16",NC
-----	06200639	-	STRING GUARD KIT,SD (ITEMS 27,29,30)
28	TF1020	40	KNIFE MTG CLEVIS,FLAIL
29	33713	80	KNIFE,FLAIL,SHORT,FORGES GORCE
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
37	21632	26	CAPSCREW,3/8" X 1-1/2",NC
38	33863	2	STRING GUARD,STD
39	28683	2	BEARING,FLANGE,1-15/16",STD,TSF
40	06533006	8	FLATWASHER,1/2",SAE,L9

COMMON SIDE FLAIL - SD

75IN SIDE FLAIL - REVERSE ROTATION



ITEM	PART NO.	QTY.	DESCRIPTION
1	28736D	1	BONNET,75,STD,COMBO
2	27975A	1	CUTTERSHAFT, BEARING GUARD
3	21731	6	CAPSCREW, 1/2 X 1 1/2,NC
4	21990	6	LOCKWASHER, 1/2"
5	21725	6	HEX NUT, 1/2" NC
6	28735	2	GROUND ROLLER ADJ BRKT,STD DTY
7	06520028	2	BEARING,FLANGE,1 3/8,GRNDRLR
8	06520027	2	CAP,BEARING,GRND ROLLER
9	06520029	2	O-RING,2 3/4X3/32,AS568A-148

COMMON SIDE FLAIL - SD

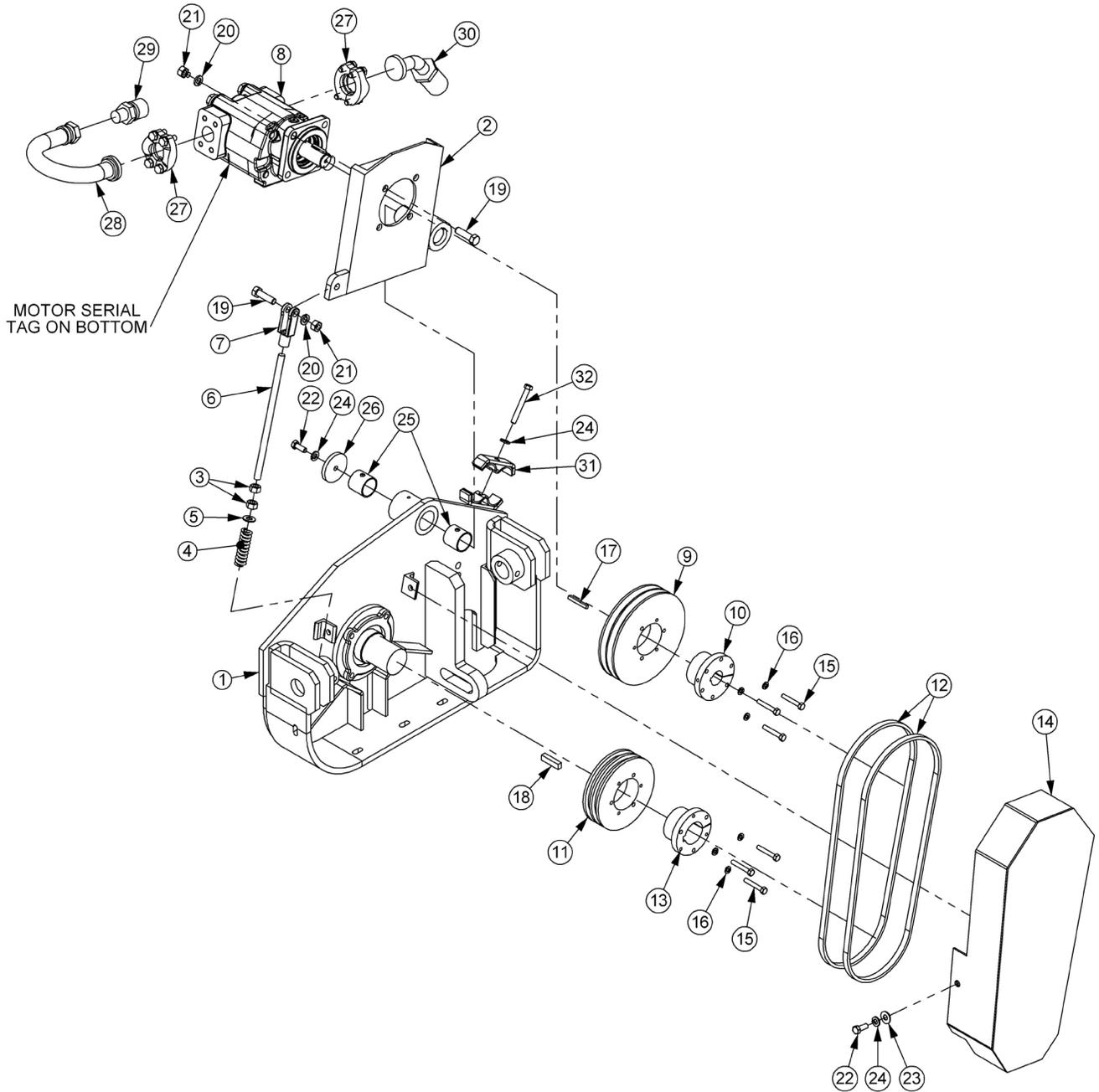
75IN SIDE FLAIL - REVERSE ROTATION

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
10	06530001	12	CAPSCREW,SKT HD,8-32X1/2,SS
11	06370380	2	STUB SHAFT,GRND ROLR,WELDMENT
12	06320276	1	GRNDRLLR,6,75
13	06420220	2	CAP,END,6"
14	6T2330	8	CAPSCREW, 7/16 X 1 1/2, SOCKET HEAD
15	31270	8	CAPSCREW,SKTHD,7/16X2 1/4,NC,GR8
16	6T2331	8	CAPSCREW, 7/16 X 1, SOCKET HEAD
17	28086A	2	SKID SHOE
18	30013	10	PLOW BOLT,3/8X1 1/4,NC,GR5
19	22016	88	FLATWASHER,3/8",GR8
20	21625	49	HEX NUT,3/8",NC
21	28643B	1	CUTTERSHAFT,75 STD,W/EARS
22	34011	40	CAPSCREW, 7/16 X 3 7/16,NC GR 8
23	21677	40	NYLOCK NUT,7/16 NC
24	TF1020	40	KNIFE MTG CLEVIS,FLAIL
25	33713	80	KNIFE, FLAIL, SHORT
26	33863	2	HALF STRING GUARD,STD
27	28683	2	BEARING,FLANGE,1-15/16"STD TSF
28	06533006	8	FLATWASHER,1/2,SAE,L9
29	06530217	8	CAPSCREW, 1/2 X 2,NC,L9
30	TF1016	1	FLAP,DEFLECTOR,TSF/TRF 75
31	TF1029	2	FLAP RETAINING BAR
32	21632	39	CAPSCREW,3/8" X 1-1/2" NC
33	06412511	1	MNT,FLAP,FRONT,VERT,75
34	06520242	1	FLAP,75",FRONT
35	28184A	40	KNIFE,FLAIL,SMC,STD

COMMON SIDE FLAIL - SD

SIDE FLAIL DRIVE ASSEMBLY



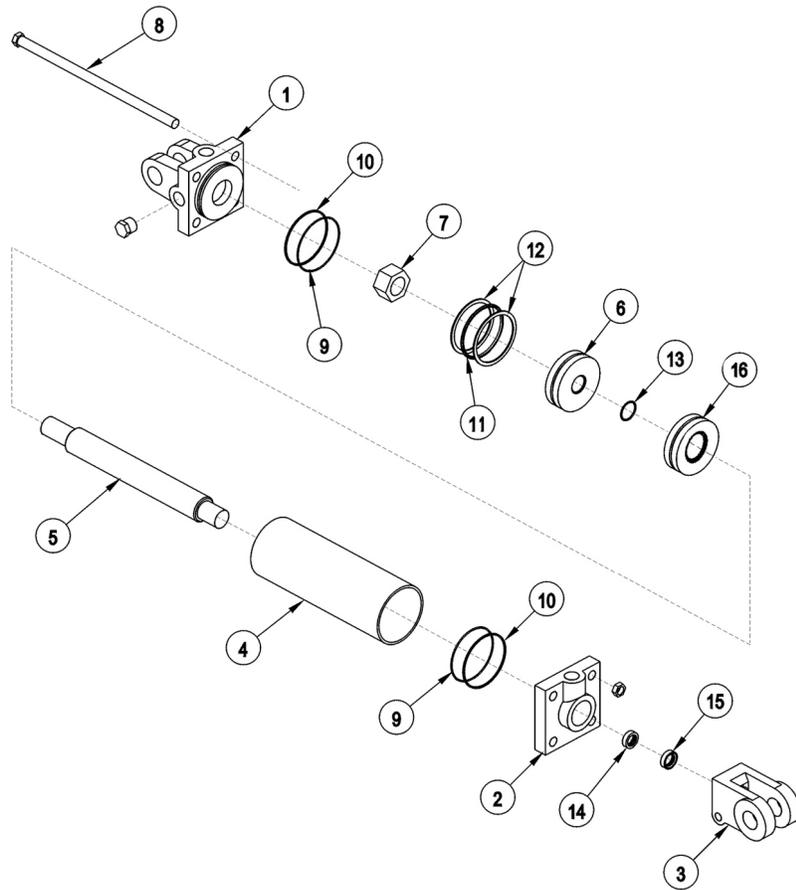
SIDE FLAIL DRIVE ASSEMBLY

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
1	-----	-	BONNET *REFER TO HEAD PARTS
2	28679B	1	MOTOR CHANNEL
3	21700	2	HEX NUT, 1/2", NF
4	TF3620A	1	SPRING,TENSIONER
5	27938	1	BUSHING,MACH,1ODX1/2IDX14GA.
6	40496	1	ROD,THREADED,1/2NFX8
7	PT3611A	1	CLEVIS,6"
8	06504132	1	MOTOR, M350-1 3/4 GEAR
9	TF3044	1	SHEAVE,8.0
10	TF3013	1	BUSHING,QD,SK 1-1/4,1/4 KEY
11	TF3040	1	SHEAVE,6.3
12	28702	2	V-BELT,(500)
13	28723	1	BUSHING,QD,SK 1-15/16
14	28703B	1	GUARD,BELT,TSF,STD
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	3	LOCKWASHER, 3/8"
25	27580	2	BEARING,DX,1-1/2",GRM
26	28682	1	RETAINING,WASHER 2-1/2 X 5/16
27	TF4852	2	KIT,FLANGE,#20
28	34227	1	PREFORMED TUBE
29	-----	-	HOSE (RETURN FOR STANDARD ROTATION)
30	-----	-	HOSE (PRESSURE FOR STANDARD ROTATION)
31	TB3031	1	CLAMP,HOSE
32	21638	1	CAPSCREW,3/8 X 3,NC

COMMON SIDE FLAIL - SD

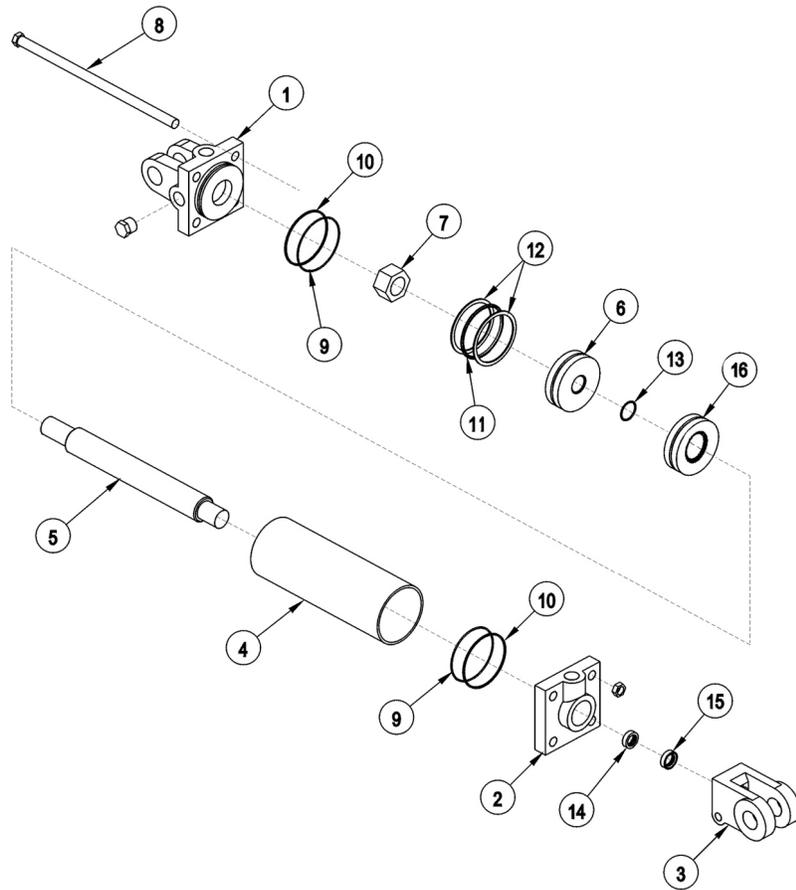
3IN X 10IN HYDRAULIC CYLINDER BREAKDOWN



ITEM	PART NO.	QTY.	DESCRIPTION
-----	6T0151R	-	HYD. CYLINDER 3" X 10"
1	6T0167	1	CYLINDER BUTT
2	6T0170	1	CYLINDER GLAND
3	6T0178	1	CLEVIS END
4	6T0164	1	CYLINDER TUBE
5	6T0161	1	PISTON ROD
6	6T0173	1	PISTON
7	6T0179	1	LOCKNUT
8	6T0176	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

COMMON SIDE FLAIL - SD

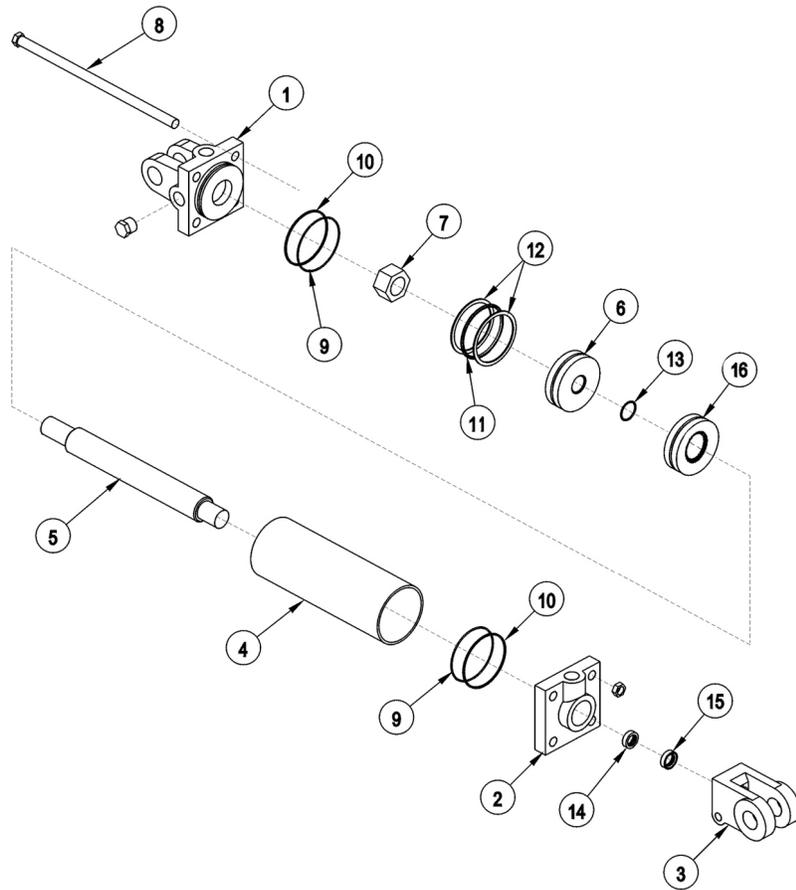
3IN X 12IN HYDRAULIC CYLINDER BREAKDOWN



ITEM	PART NO.	QTY.	DESCRIPTION
-----	32215	-	HYD. 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

COMMON SIDE FLAIL - SD

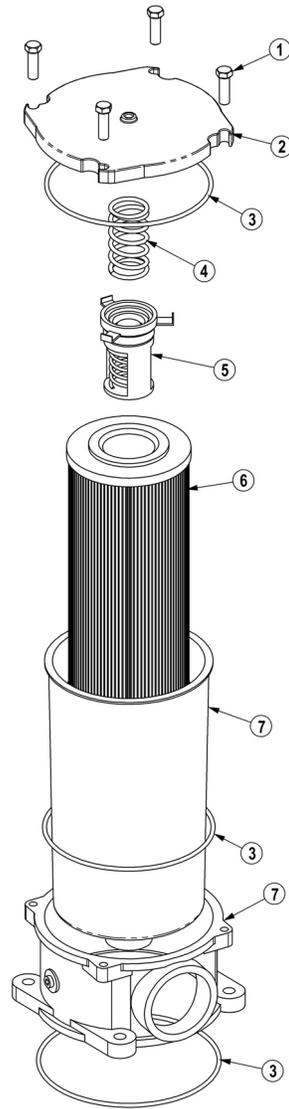
3IN X 18IN HYDRAULIC CYLINDER BREAKDOWN



ITEM	PART NO.	QTY.	DESCRIPTION
-----	6T0150	-	CYLINDER 3" X 18"
1	6T0167	1	CYLINDER BUTT
2	6T0170	1	CYLINDER GLAND
3	6T0178	1	CLEVIS END
4	6T0165	1	CYLINDER TUBE
5	6T0162	1	PISTON ROD
6	6T0173	1	PISTON
7	6T0179	1	LOCKNUT
8	6T0177	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
16	N/A	-	N/A

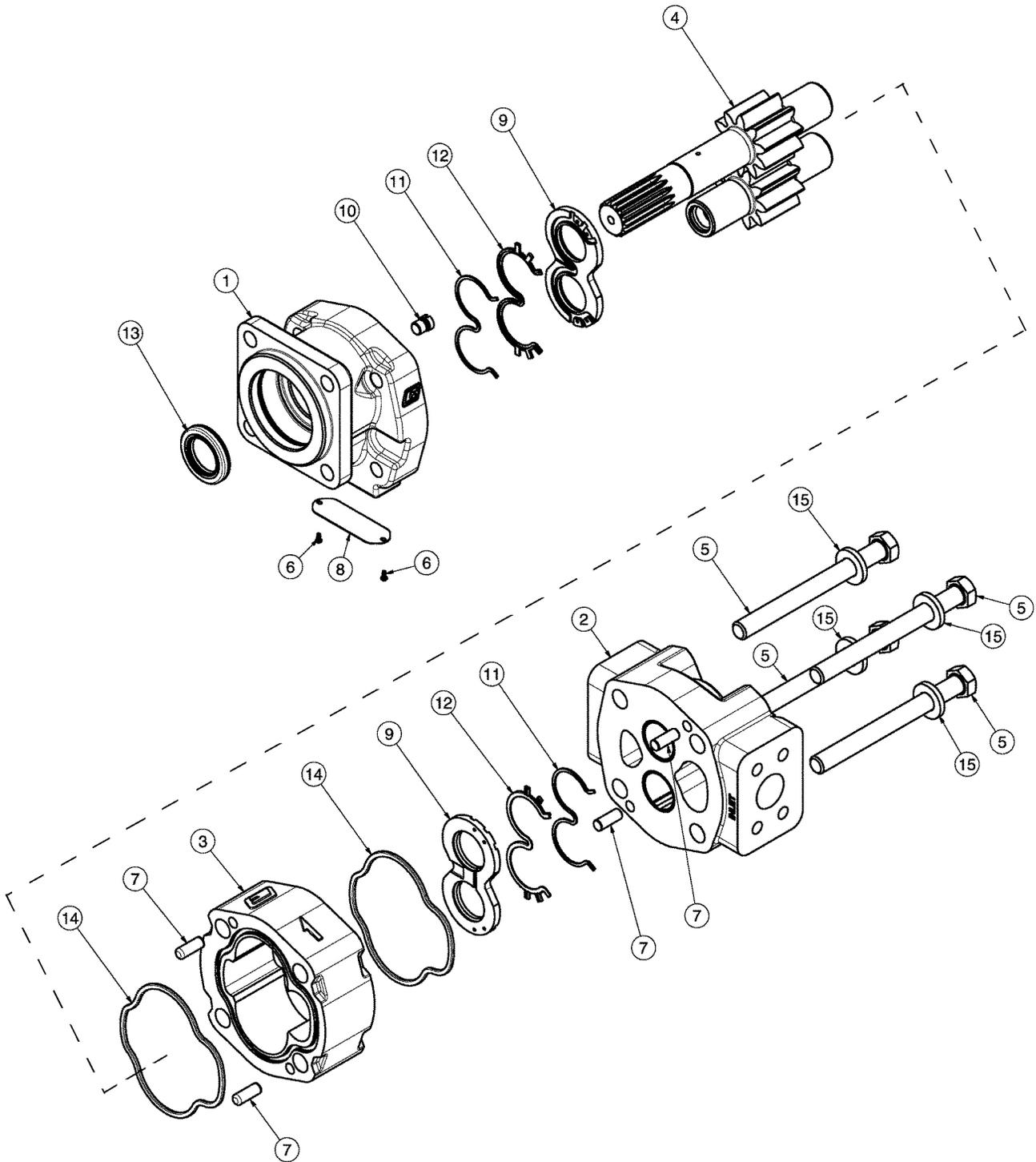
COMMON SIDE FLAIL - SD

RESERVOIR TANK FILTER ASSEMBLY



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

FRONT HYDRAULIC PUMP BREAKDOWN



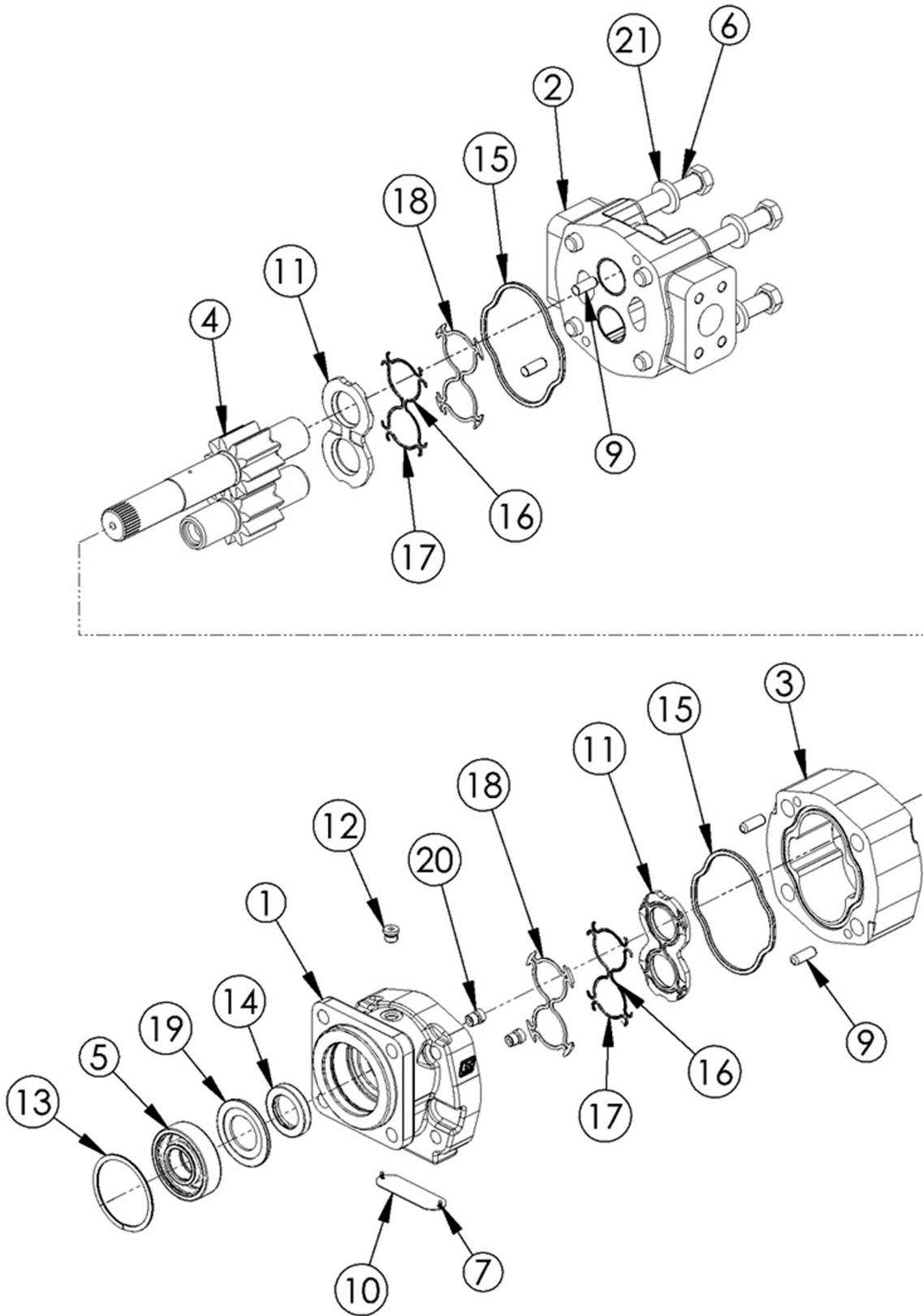
COMMON SIDE FLAIL - SD

FRONT HYDRAULIC PUMP BREAKDOWN

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
---	23152	1	PUMP ASSEMBLY,1-3/4",COMPLETE
1	22766	1	SHAFT END COVER
2	22779	1	PORT END COVER
3	22774	1	GEAR HOUSING,1-3/4"
4	22771	1	GEAR SET
5	23824	4	CAPSCREW
6	06504078	2	SCREW,DRIVE
7	22773	4	DOWEL PINS
8	06504077	1	NAMEPLATE
9	22770	2	THRUST PLATE
10	22767	1	PLUG
11	06504075	2	SEAL,BK-UP
12	06504074	2	SEAL,CHAN
13	22765	1	SEAL,LIP
14	06504076	2	SEAL,SQ-R
15	02961917	4	WASHER
---	24150	1	SEAL KIT (INCLUDES 11, 12, 13 AND 14)

FLAIL MOTOR BREAKDOWN



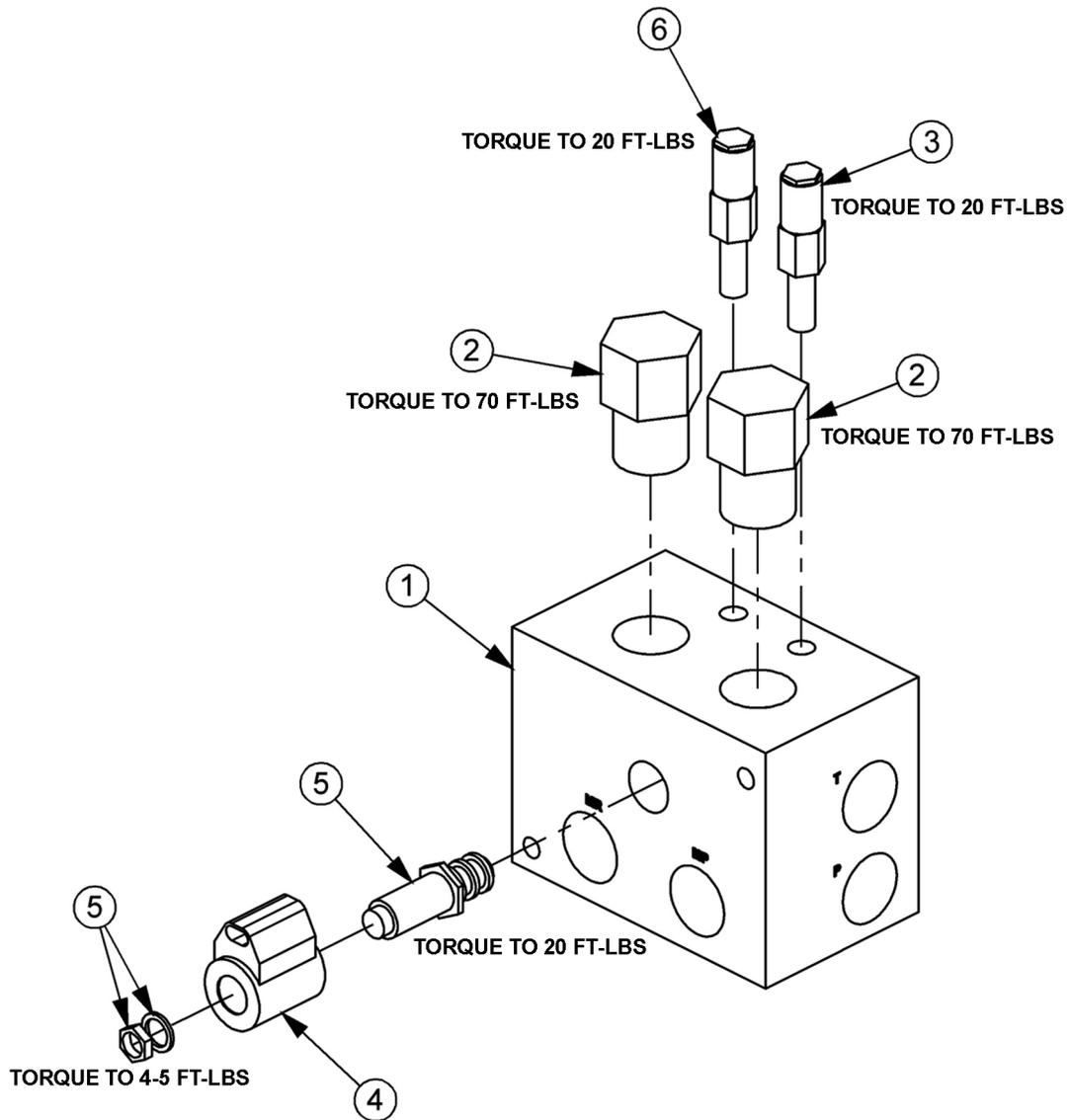
COMMON SIDE FLAIL - SD

FLAIL MOTOR BREAKDOWN

Continued...

ITEM	PART NO.	QTY.	DESCRIPTION
-----	06504132	-	MOTOR ASSEMBLY 350 - TSF
1	06504039	1	SHAFT END COVER
2	06504040	1	PORT END COVER
3	06504041	1	GEAR HOUSING
4	06504042	1	MATCHED GEAR SET
5	TF4402	1	BALL BEARING
6	06504043	4	CAP SCREW
7	06504044	2	SET SCREW
8	06504028	1	KEY
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	06504048	1	SEAL RETAINER
20	6T5809	2	CHECK ASSEMBLY
21	02961917	4	WASHER
-----	06504023	-	SEAL KIT (INCLUDES 14, 15, 16, 17, AND 18)

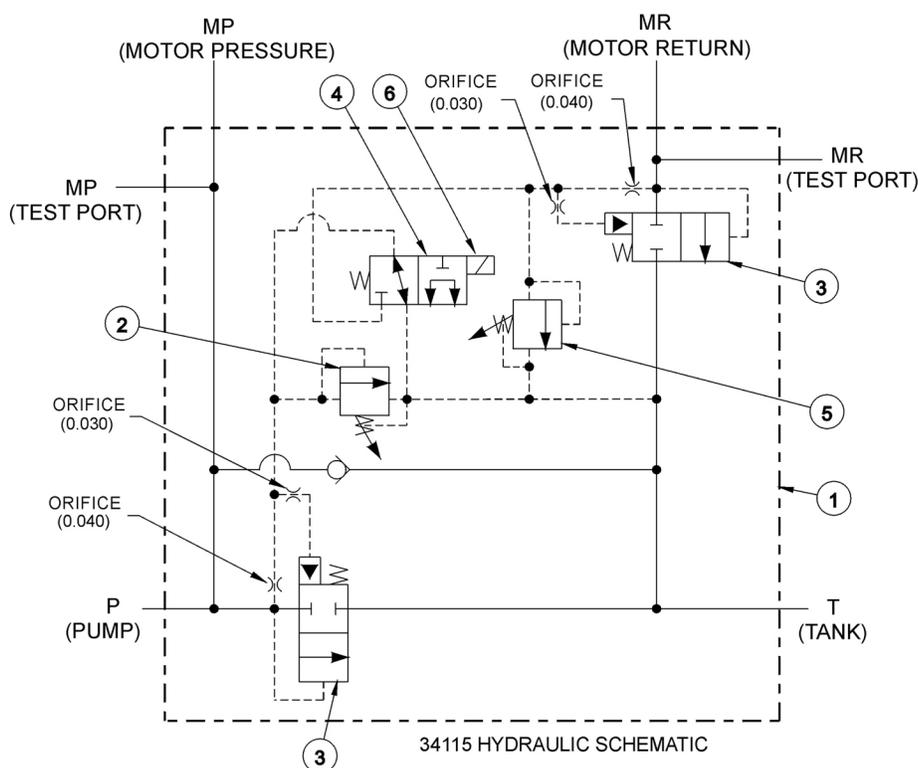
BRAKE VALVE ASSEMBLY



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 SIDE FLAIL - SD

BRAKE VALVE HYDRAULIC SCHEMATIC



BRAKE VALVE TROUBLESHOOTING

FAILURE MODE:

- MOWER WILL NOT START - system pressure is low (engine not lugging).
- MOWER WILL NOT START - system pressure is high (engine lugging). "MR" port will be high pressure.
- MOWER WILL NOT ROTATE AT FULL SPEED - limited power.
- MOWER BLADE WILL NOT STOP - blade will not stop in proper time.

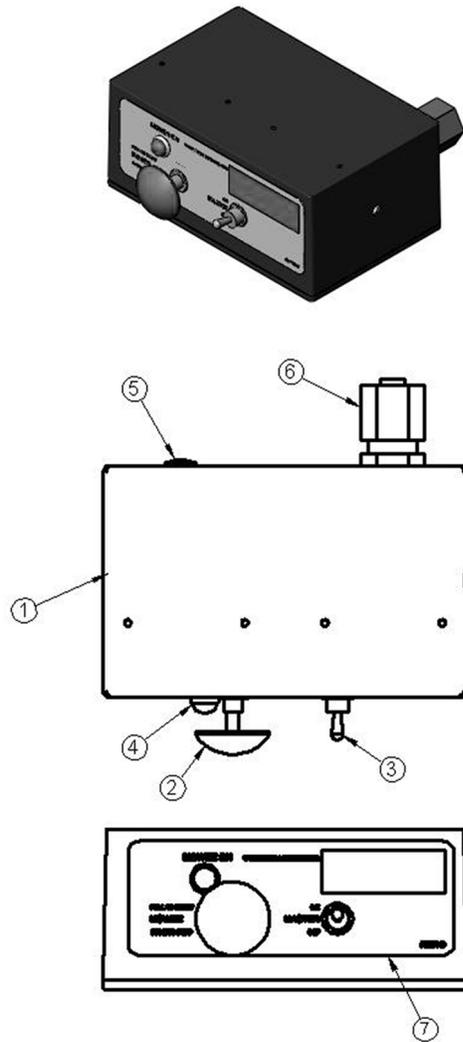
CHECK STEPS

- 1 thru 6
- 7
- 3 thru 5
- 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.

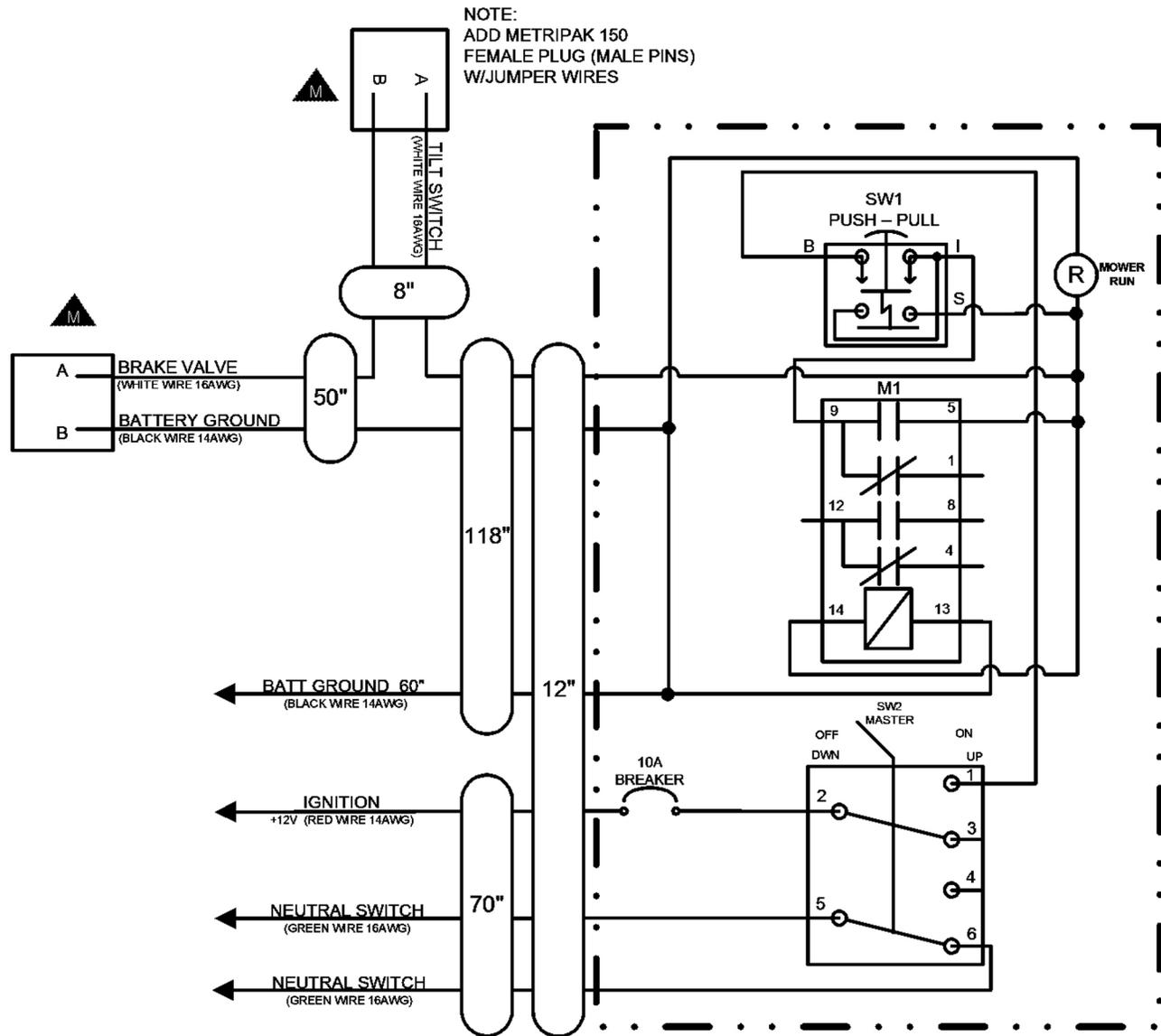
SWITCH BOX



ITEM	PART NO.	QTY.	DESCRIPTION
1	06514013	1	SWBX,ALUM,BLK,06510102
2	35226	1	SWITCH,MOWER,COLEHERSEE
3	33811	1	SWITCH,MASTER/DECK FLOAT
4	6T3923	1	INDICTATOR LIGHT,ON,RED
5	06514014	1	BREAKER,10A,SWBX
6	34540	1	STRAIN RELIEF,3/4,BLACK,NYLON
7	06550018	1	DECAL,SWTCHBX,TM/TSF,CG
8	35227	1	RELAY,DP,DT,12V,LY2F,35226

SWITCH BOX SCHEMATIC

06510102 SCHEMATIC COMMON GROUND SWITCH BOX SIDE MOWER



SEE DRAWING # 06515000 FOR A FULL DESCRIPTION OF ALL CONNECTORS

NOTES

NOTES

**WARRANTY
SECTION**

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!**



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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 our 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 if 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



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