

SIDE ROTARY ASSEMBLIES

NH TS6020-6030 CAB

Current as of €1/FJ/201G

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

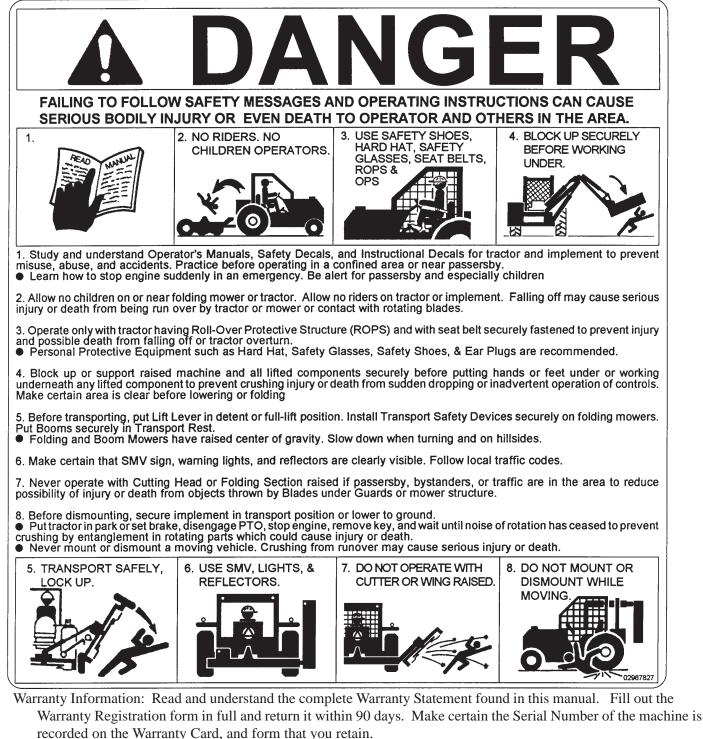
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TO THE OWNER / OPERATOR / DEALER

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!



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

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

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

Tiger is a registered trademark.



SAFETY SECTION

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.



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 <u>YOU</u>! Only <u>YOU</u> 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.



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



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

IMPORTANT!

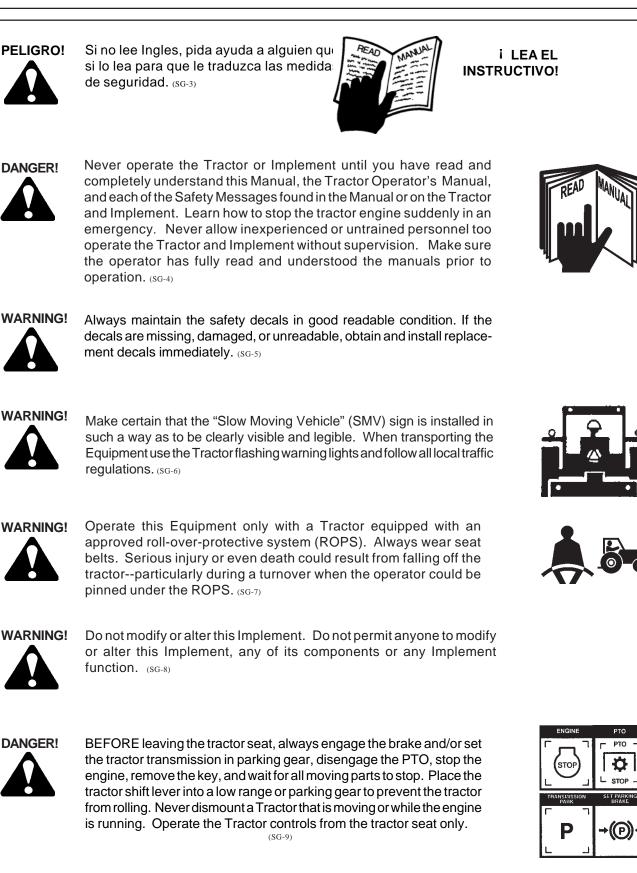
Identifies special instructions or procedures that, if not strictly observed, could result in damage to, or destruction of the machine, attachments or the enviroment.

NOTE:

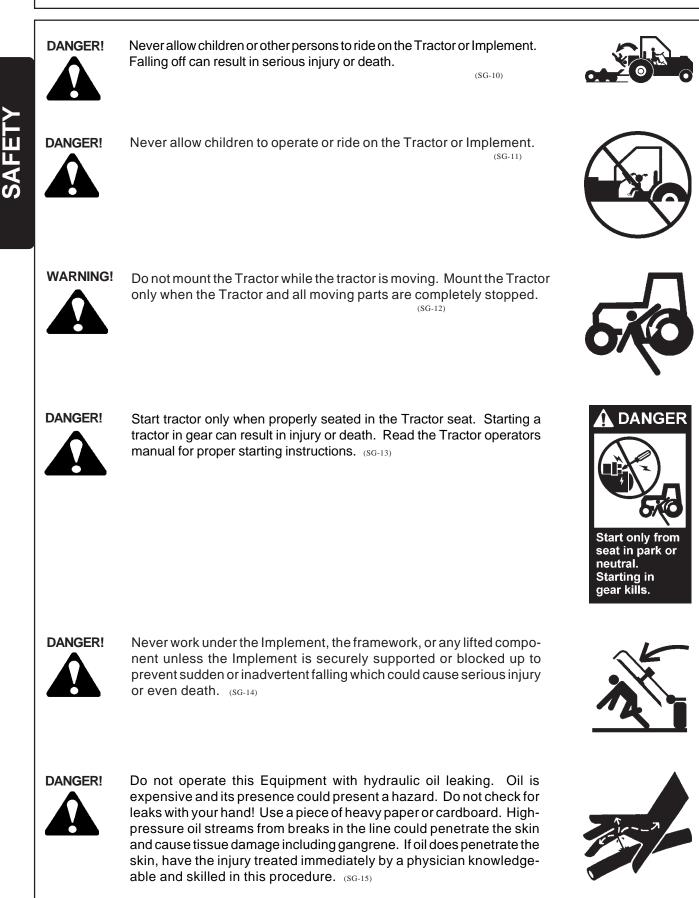
: Identifies points of particular interest for more efficient or convienient operation or repair. (SG-1)

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)



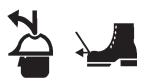


SAFETY





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 PER-MANENT 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:

- 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.

Only transport the Tractor and Implement at the speeds that you have determined are safe and which allow you to properly control the equipment.

3. 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 andwatch out for the other guy. (SG-19)

SAFE





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)

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 have cotter pins and washers. Serious injury may occur from not maintaining this machine in good working order. (SG-21)



WARNING!

WARNING!

WARNING!

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



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

DANGER!

KEEP AWAY FROM ROTATING ELEMENTS to prevent entanglement and possible serious injury or death. (SG-24)





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)



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)





On a fully-assembled unit, do not remove the Wing Retaining Strap until hoses are attached to the tractor and the Wing Cylinders are filled with oil. Lower the Wings slowly and carefully. Keep bystanders away during operations. (STI-5)

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)





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)

MARNING! 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)

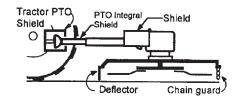
DANGER!

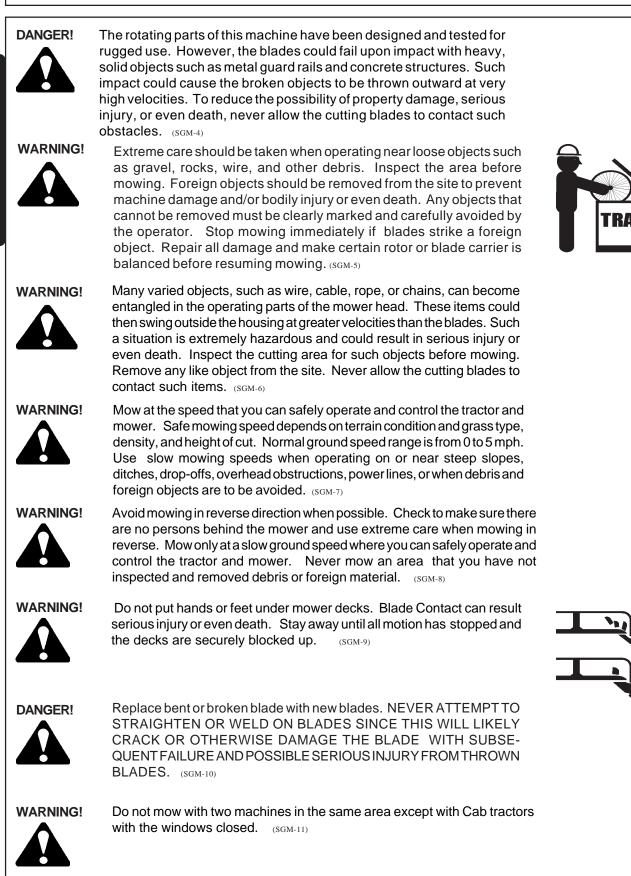
There are obvious and hidden potential hazards in the operation of this Mower. REMEMBER! This machine is often operated in heavy brush and in heavy weeds. The Blades of this Mower can throw objects if shields are not properly installed and maintained. Serious injury or even death may occur unless care 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. (SGM-2)

DANGER!



All Safety Shields, Guards and Safety devices including (but not limited to) - the Deflectors, Chain Guards, 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. (SGM-3)









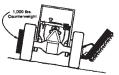
Rotary Mowers are capable under adverse conditions of throwing objects for great distances (100 yards or more) and causing serious injury or death. Follow safety messages carefully. **STOP MOWING IF PASSERSBY ARE WITHIN 100 YARDS UN-LESS:**

- -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 removed, and mowed again at desired final height. (SBM-1)

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 Couterweight 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)

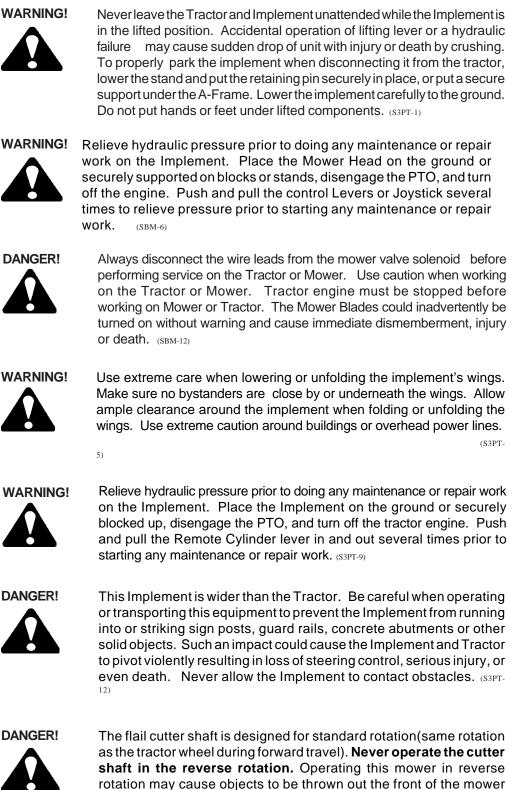
WARNING!

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)





Use extreme caution when raising the Mower head. Stop the Blades from turning when the Mower Head is raised and passersby are within 100 yards. Raising the Mower head exposes the Cutting Blades which creates a potentially serious hazard and can cause serious injury by objects thrown from the Blades or by contact with the Blades. (SBM-2)





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-

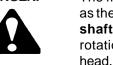
on the Implement. Place the Implement on the ground or securely blocked up, disengage the PTO, and turn off the tractor engine. Push and pull the Remote Cylinder lever in and out several times prior to

DANGER!



This Implement is wider than the Tractor. Be careful when operating or transporting this equipment to prevent the Implement from running into or striking sign posts, guard rails, concrete abutments or other solid objects. Such an impact could cause the Implement and Tractor to pivot violently resulting in loss of steering control, serious injury, or even death. Never allow the Implement to contact obstacles. (S3PT-

DANGER!





The rotating parts of this machine continue to rotate even after the Tractor 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. (SBM-5) **"Wait a minute...Save a life!"**



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.



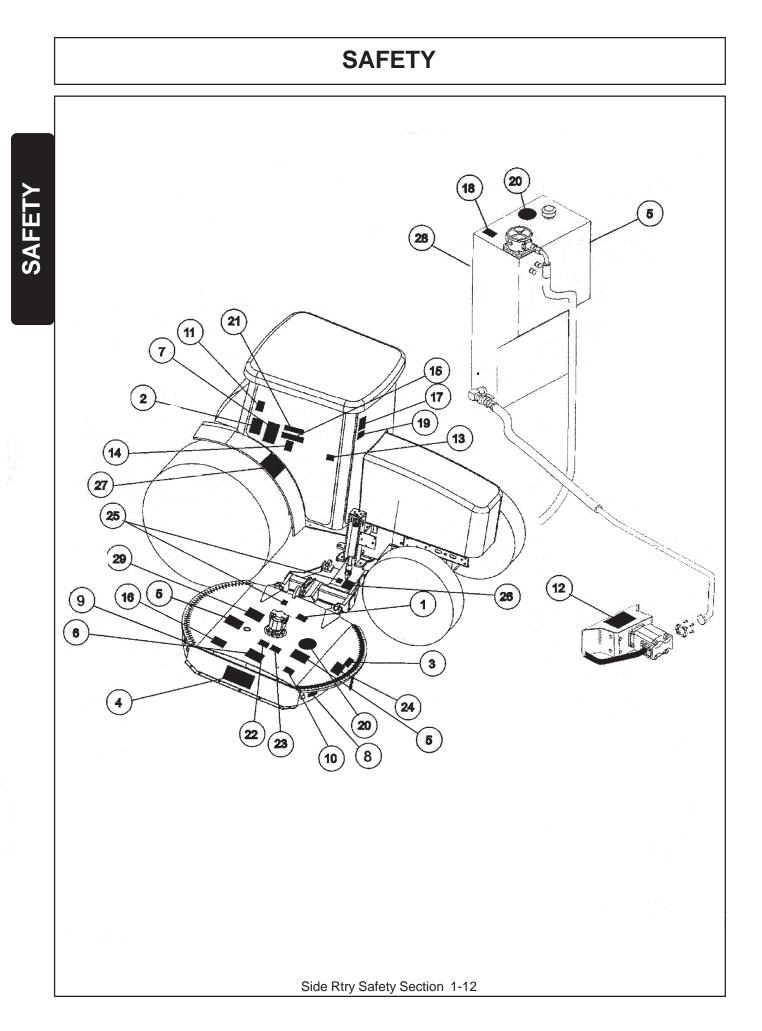
Battery post, terminals and related accessories contain lean and lead compounds, chemicals known to the state of California to cause cancer and birth or other reproductive harm. **Wash hands after handling!**

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.

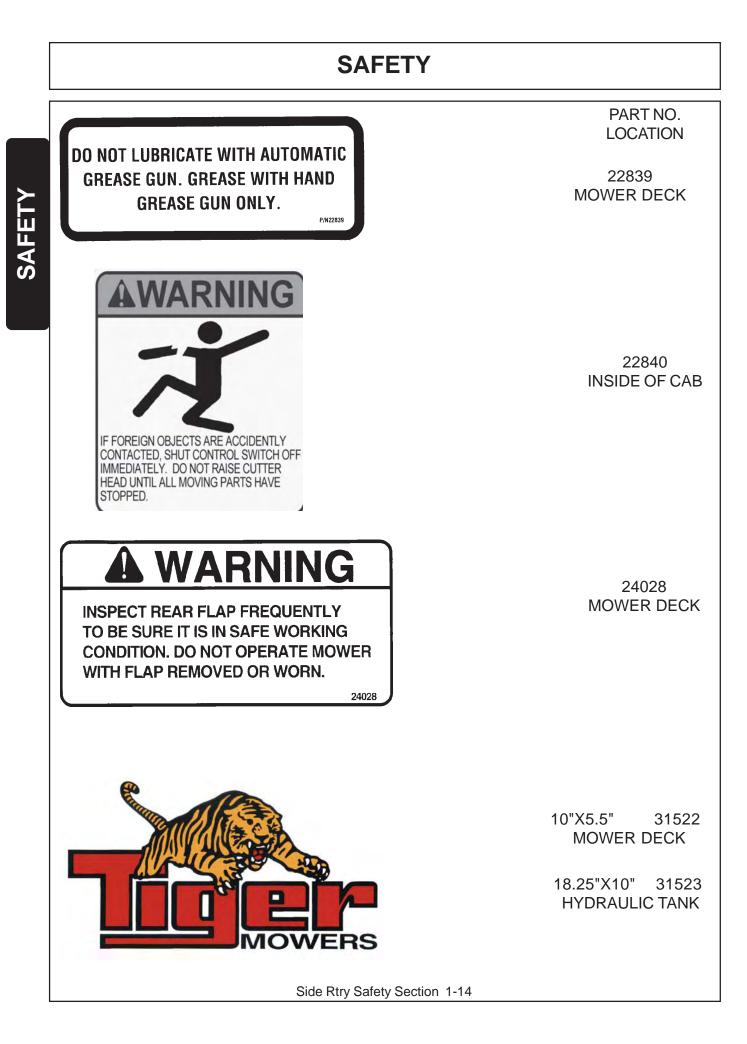
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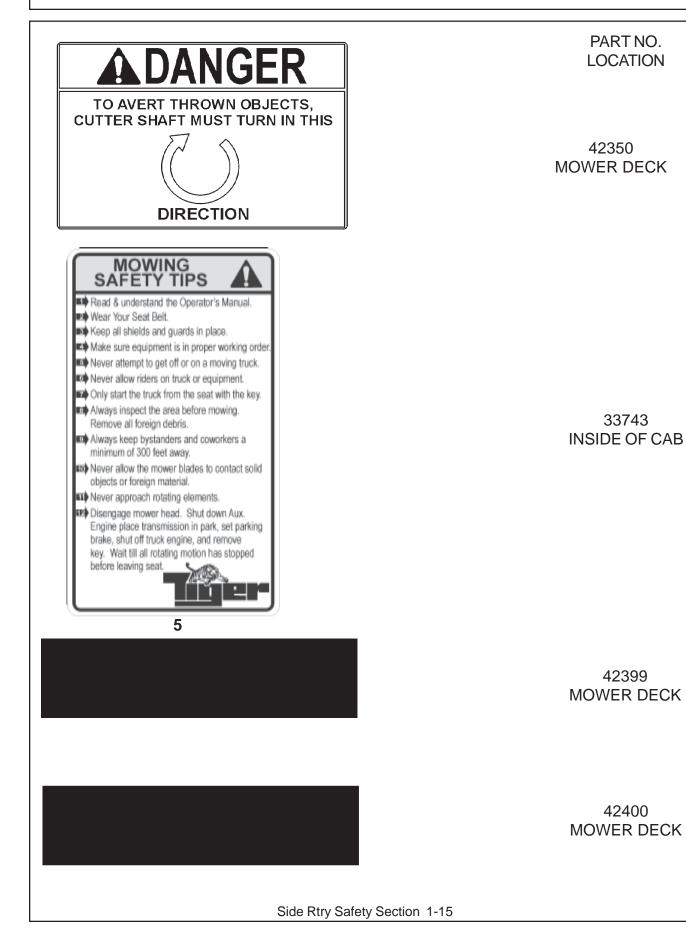


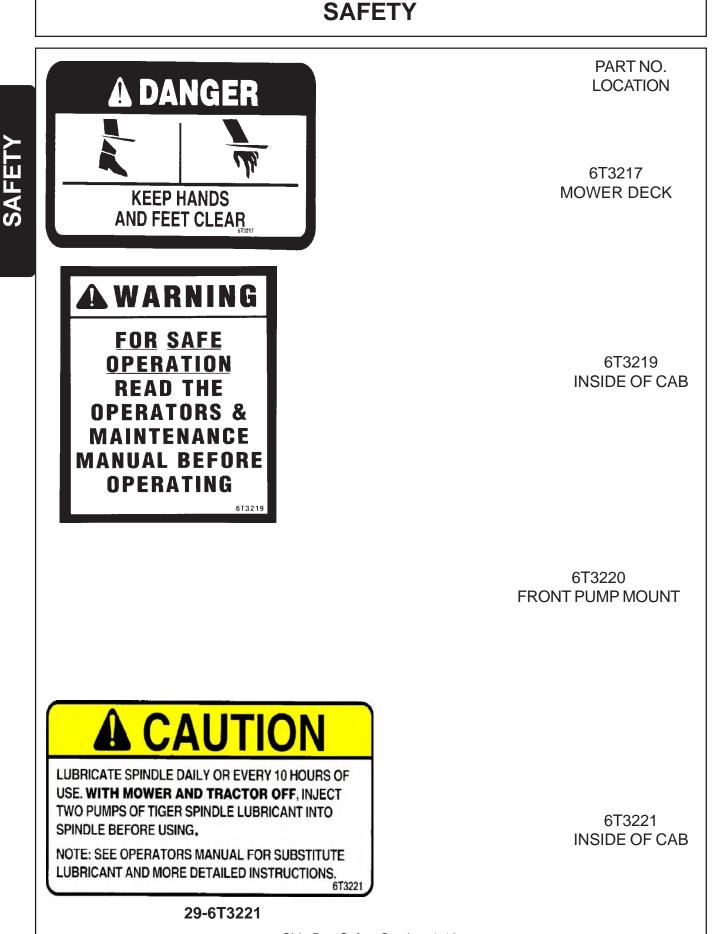
In addition to the design and configuration of this Implement, including Safety Signs and Safety Equipment, hazard control and accident prevention are dependent upon the awareness, concern, prudence, and proper training of personnel involved in the operation, transport, maintenance, and storage of the 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)

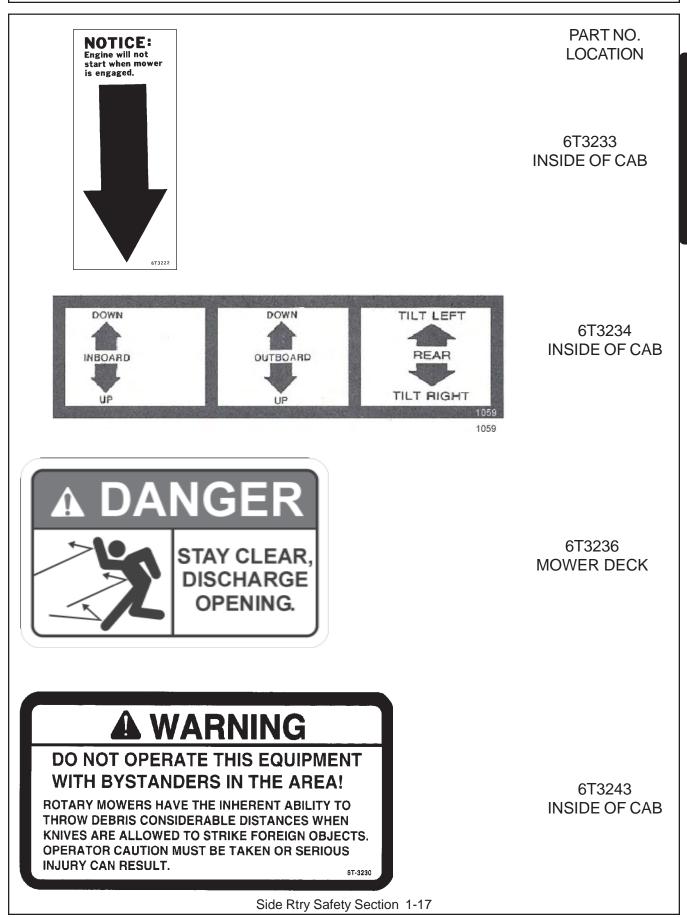


ITEM	PART NO.	QTY.		DESCRIPTION
1	22839	1	INSTRUCT	Don Not Lubricate With Automatic Grease Gun
2	22840	1	WARNING	Foreign Objects Contacted
3	24028	1	WARNING	Inspect Rear Flap
4	31522	1	LOGO	TIGER MOWERS
5	31523	3	LOGO	TIGER MOWERS
6	42350	1	DANGER	Cuttershaft Direction
7	33743	1	INSTRUCT	Mowing Safet Tips
8	42399	1	REFLECT	Red Reflector
9	42400	1	REFLECT	Amber Reflector
10	6T3217	1	DANGER	Keep Hands and Feet Clear
11	6T3219	1	WARNING	Read Operators and Maintenance Manuals
12	6T3220	1	INTRUCT	Lubricate Pump, Driveshaft Daily
13	6T3221	1	CAUTION	Lubricate Spindle When Mower and Tractor Off
14	6T3222	1	INSTRUCT	Engine will not start when mower is engaged
15	1059	1	INSTRUCT	Mower Positions
16	6T3224	1	DANGER	Stay Clear, Discharge Opening
17	6T3230	1	WARNING	Don't Operate with Bystanders in Area
18	6T3233	1	CAUTION	DONOT Start or Run with Valves closed
19	6T3234	1	CAUTION	Check Crankshaft Adapter Daily
20	6T3236	1	LOGO	Made In USA
21	6T3243	1	WARNING	Replace Bolts and Locknut if damaged
22	6T3249A	1	INSTRUCT	Grease Inst. Cuttershaft Bearing
23	6T3261	1	INSTRUCT	Grease Inst. Ground Roller Bearing
24	TB1011	1	WARNING	Do Not Work Mower with Safety Shiel Removed
25	02962764	1	WARNING	Pinch Point
26	02965262	1	WARNING	Hydraulic Hose Repair
27	02967827	1	DANGER	Multi Warn Messages
28	34852	1	INSTRUCT	Hydraulic Specifications
29	00756059	1	WARNING	Check Hydraulic Hose with Cardboard









DO NOT START OR RUN WITH VALVES CLOSED. (SERIOUS DAMAGE WILL OCCUR)



CHECK CRANKSHAFT ADAPTER DAILY FOR TIGHTNESS AND GROMMET WEAR

AS SERIOUS DAMAGE TO RADIATOR MAY RESULT FROM IMPROPER MAINTENANCE.

6T3234

6T-3233



6T3233 HYDRAULIC TANK

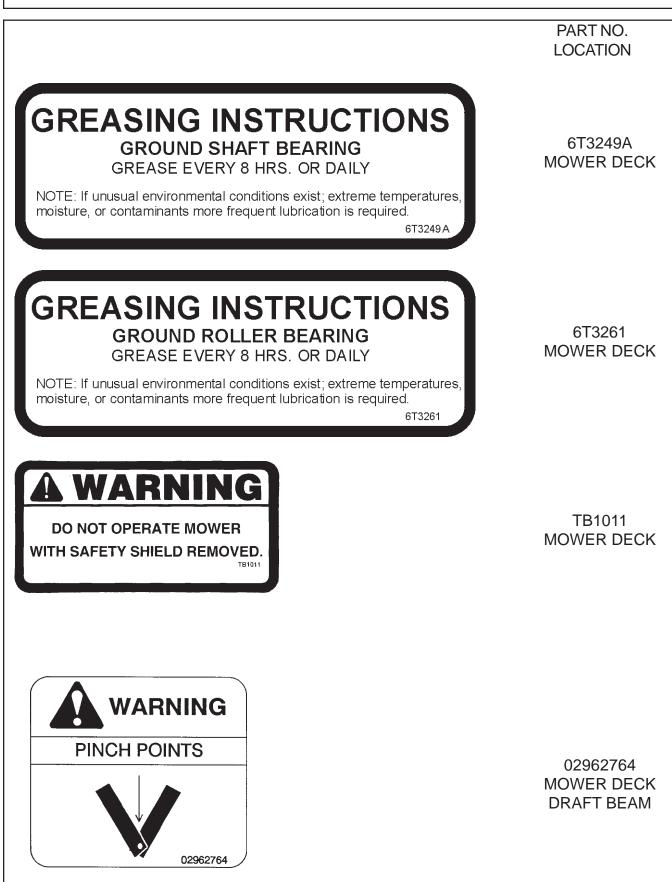
PART NO. LOCATION

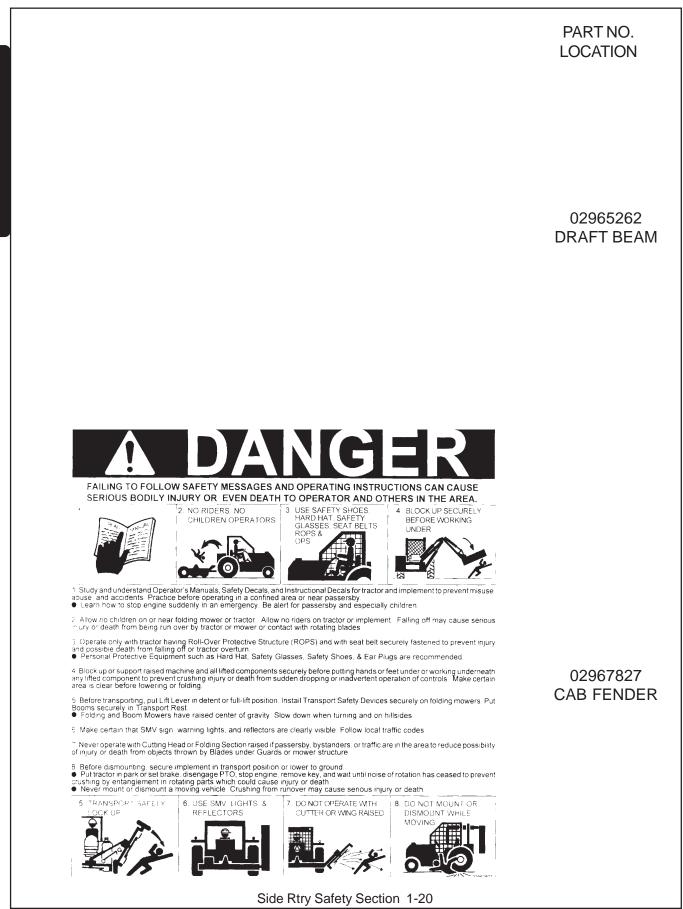
6T3234 INSIDE OF CAB

6T3236 MOWER DECK HYDRAULIC TANK

> 6T3243 INSIDE OF CAB

16





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) Drive Shaft Yoke, U - Joint and Stub Shaft	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	Tiger Part #25351	

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

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34852

Tiger PN 34852

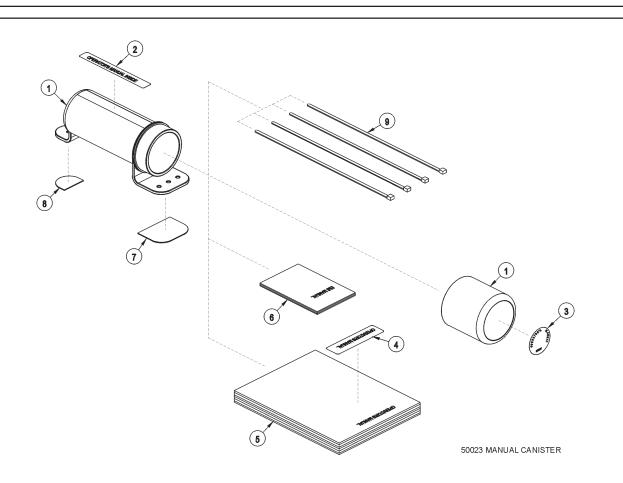
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HYDRAULIC TANK



00756059 MOWER DECK SAFETY

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PART NO.	QTY.	DESCRIPTION
50023	AVAIL	MANUAL CANISTER COMPLETE
00776031	1	Round Manual Canister
33997	1	Decal, Sheet, Manual Canister
	*	Decal
	*	Decal
	*	Decal
*	AVAIL	Specification Product Manual
33753	1	EMI Safety Manual
34296	1	Front Adhesive Pad
34297	1	Rear Adhesive Pad
6T1823	4	Zip Tie 14" Long
	50023 00776031 33997 * 33753 34296 34297	50023 AVAIL 00776031 1 33997 1 * * * AVAIL 33753 1 34296 1 34297 1

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 DRILL-ING 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.

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 Truck and Implement operation, it is the employer's responsibility to:

- 1. Train the employee in the proper and safe operation of the Truck and Implement.
- 2. Require that the employee read and fully understand the Truck and Implement Operator's manual.
- 3. Permit only qualified and properly trained employees to operate the Truck and Implement.
- 4. Maintain the Truck and Implement in a safe operational condition and maintain all shields and guards on the equipment.
- 5. Ensure the Truck is equipped with functional seat belts and require that the employee operator securely fasten the safety belts at all times.
- 6. Forbid the employee operator to carry additional riders on the Truck.
- 7. Provide the required tools to maintain the Truck 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.)



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58>I GH+B; F95FK<99@G

$$\begin{split} \ddot{U} &\cong \hat{A}^{i} \wedge add_{i} - \hat{A}^{i} \otimes \delta_{i} &= \hat{A}^{i} \otimes \hat{A}^{i} \otimes \hat{A}^{i} \otimes \hat{A}^{i} \otimes \delta_{i} &= \hat{A}^{i} \otimes \hat{A}$$

: FCBH'DI AD'ACI BHB;

Q+ هغلافه، إ` إ` أَمْ عَمَّهُ اللَّهُ عَمَّهُ اللَّهُ عَمَّهُ اللَّهُ عَمَّهُ اللَّهُ عَمَّهُ اللَّهُ عَمَّهُ الْأَمَانِ عَمَّلَهُ اللَّهُ عَمَّلَ اللَّهُ عَمَّلَ اللَّهُ عَمَّلَ اللَّهُ عَمَّلًا اللَّهُ عَمَّلًا اللَّعَ عَمَالًا عَمَالًا اللَّهُ عَمَّلًا اللَّعَ اللَّهُ عَمَّلًا اللَّعَ • (إِنَّكَ اللَّعَمَانَ اللَّهُ عَمَالًا اللَّهُ اللَّهُ عَمَالًا اللَّهُ عَمَالِةُ اللَّهُ اللَّعَامَ اللَّهُ ف كَمُنْ اللَّهُ عَمَالَ اللَّهُ عَمَالَةُ اللَّهُ عَمَالَةًا إِنَّا اللَّعَامَ اللَّهُ عَمَالَةً اللَّعَامَ المُ

 $\{ ae & @^{x}] \hat{A} a @ b @ A & [^{x}] |^{k} \dot{E}$

Ù|āh Aś@ Á] |ā Aåkiā, Á @exók[`] |^: [Á] [á kô@ Á]` {] Akiā, • @exd#MQ • cæļAś@ Á] [Á] [Á] [Á @exók[`] |A, [] Akiā, Ağ • cæļAš@ Á]
{[``} cā * Akiæk A dź PUVO K A @exók[`] |A, [] A @exók[A] = A @exók[A]

751 H=CB. 8C BCH GH5FH H<9 HF57 HCF1 BH=@5@@<CG9G5F95HH57<983 H5B? =G: =@@98 K =H< DFCD9F C=@5B8 65 @@J5 @J9G 5F9 CD9B° GH5 FH=B; 5H H<=G H=A 9 K =@@751 G9 G9F=CI G 85A5; 9 HC H<9 DI A D"ÁASM-NH-0024)

A5-B: F5A9 -BGH5 @@5H-CB

Y ão Qásaj Áç \land (@ cæá ÁQ ã cásaj å Ázá, l Ászesti Ei cæj å e Éti azā \land Á; \land Ás a Á, \land Ás a Á, \land Ás a Ázá, \land Azá, \land Ázá, \land Azá, \land

$GK \pm 17 < 6 CL'K \pm B;$

Ü^~^¦Áq[Ás@AÚæ;orÁU^&ca][}Áq[¦Á;ãa];*Ásiãet*¦æ;(•ÈÁÜ^{ [ç^Áq[]Ás];•d`{ ^}ch;æ;^|Áq;ææ;@Éæ;)åÁ @`\Á,^c^\DÁ\\Áxx8x^••Á;Ax@^Á,ã^•È

Ü[čơÁ@Á^åÁæ)åÁ¦^^}Á,ãa&@a[¢Á,ã^•Á¦[{ÁœA,ã&@a[¢Át[Ác@Ab[cd[{Áã;@A&[}^Ka[] \^^ Ása Ása Ás@^ Á± } o [• ão āi } D

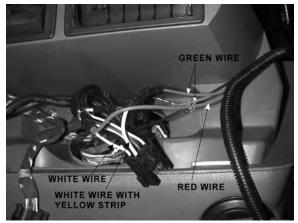
BCH9 "CB@M: CF'9 @97 HFCB=7'J5 @J9."Ž%&JC@HG'9 @97 HF=75 @DCK 9F AIGH'69'H5?9B': FCA'5'GCIF79'@C75H=CB'K<9F9'+H'=G'@=J9'CB@M $K < 9B^{+}H < 9 = B + H C B^{-}GK + H7 < G^{-}B^{+}H < 9^{-}1 C B^{+}1 C B^{+}T + G^{-}K + F9^{-}A1 G + G^{+}T + G^{-}K + G^{+}T + G^{-}K + F9^{-}A1 G + G^{+}T + G^{+$ 69: I G98: 5 H<9 GCI F79 @C75H=CB"

Ü[čơ Ás@Á,@aơ Á,ā^Át[Ás@ Á@ 妿ĕ ja&Ár[|^}[ãa Ás¦æ hÁşæqc^È V@Á,āa&@a[¢ÁsrÁt[Ás^ÁrAs*¦^åÁt[Ás@ Át]]^¦æt[¦•Á ãa^Át[Ás@ Á&[}d[|Á@ee);å|^•Étt[¦Á&[¦}^¦Á

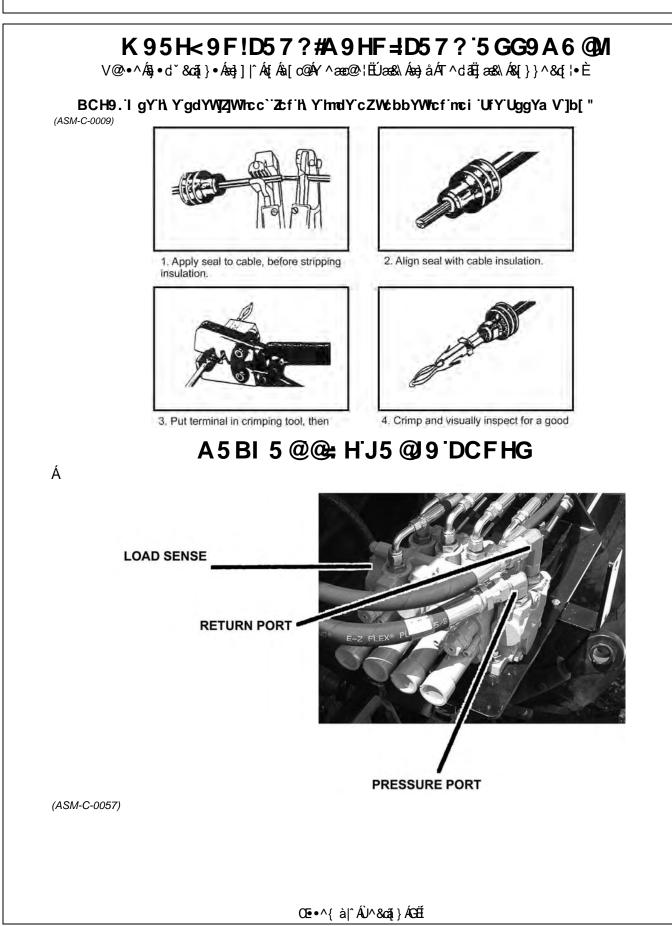
•, ãa&@a[,cÁi[`})ĊĒ V@A';^^}Ą ā^•Ą āļÁ&[}},^&cÁt Ás@A,^`dæpÁæ^ćÁ, ãa&@Á, ã^•ÁÇ, @ãrÁ, ãa@Á^||[, Á • d ā] ^ DÉÁ } å^ ¦ Ás@ Á&[[|Á, æ] ^ |ÈÁÅASM-NH-0061)



ÓÒQUÜÒÁY ÖLDÕ



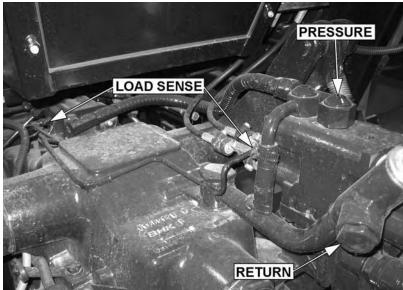
OEZVÒÜÁY ÖÜQÞÕ



HF57HCF @C58 G9BG9 ZDF9GGIF9 / F9HIFB

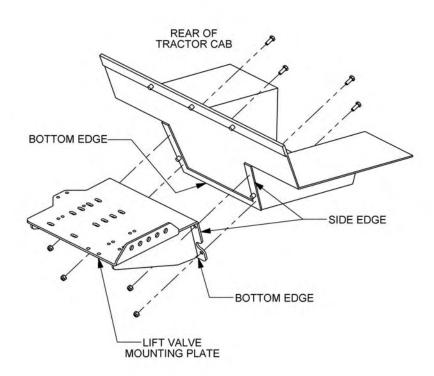
V@ Áãokşæç^Á • ^ • Á@ ÁÚ¦ ^ • • č ¦ ^ ÉÄÜ^č ¦ } Áæj å ÁŠ[æå ÂÙ^} • ^ Áţ } Ás@ Átæ&q ¦ €Á^æł Á^{ [c^Á • cæ&\ ÈÁ/@ Á [¦ o Á • ^ å Áæ' ^ å ã ^ & q^ Â * ¦ Á@ Áşæç ^ Áţ [č } cā * Á |æe È V@ ÁÚ¦ ^ • • č ¦ ^ ÁQ • ^ Ær Á[č o å Á+[{ Ás@ Áξ] Á - Ás@ Átæ&q ¦ ¦ Á^{ [č Á cæ&\ Áξ Ás@ Áş | ^ cÁ] [¦ cá - Ás@ ÁP Ú Áājc^ ¦ Áţ } Ás@ Áşæç ^ Áţ [č } cā * Ás ¦ æ&\ ^ cĚÁ/@ } És@ Áţ č q^ cá, [¦ cá - Ás@ ÁP Ú Á Øāc ¦ Át Ás@ Á ¦ ^ • • č | ^ Át [¦ cá } Ás@ Áãaó; æc ^ È

V@ÁÜ^č |}ÁQ •^Áĭ }•Á'[{ Á@Á^č |} Á] | 'of, Á@ Áãokşæç, Á[Á@ Áťæ&d[¦Á^{ [c*ÈV@ÁÜ^č |}ÁQ •^Áĭ }•Á'[{ Á@Á^č |} Á] ['of, Á@ Áãokşæç, Á[Á@ Áťæ&d[¦Á^{ [c*ÈV@ÁŠ[ﷺÁU^} •^Á] ^Áā Á[č ů åÁ'[{ Á@Á Á[ﷺÁ^} •^Á] ['of, Á@ Áãokşæç, Á[Á@Á Á]J•cæ|^åÁ§ Á@ Á[ﷺÁ^> •^Á] ['of, å@Á &æàÈÁ /@Á æ&d[¦Á@ Á] æåÁ /^ÁJ•cæ|^åÁ§ Á@ Á[ﷺÁ^> •^Á] ['of, å@ Á[ﷺÁ^•^A[čůA] **A] **A] ['of, á@ Á[æåÁ^J•cæ|^åÁ§ Á@ Á[æåÁ^} •^Á] ['of, å^*/} •^Á[čůA] **A] **A] ['of, à^*/} •A[čůA] **A] **A] ['of, à^*/} •A[čůA] **A]*/</td



@ HJ5 @ 9 ACI BHB;

$$\begin{split} & (\hat{A}_{1} = \hat{A}_{1} + \hat{A}_{2} + \hat{A$$

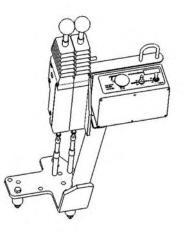


<=; < DF9GGIF9:=@H9F fr56@97CBHFC@L

V@Á@t@á, ¦^••` ¦^Áajc ¦ Æi Á; [`} c å Áţ Ás@ Áā @Áçæç^Á; [`} cā * Áa | æ&\ ^Ć, ã @Á@ed å, æ^Ê&e Á • Q, } Áş Ás@ ÁJæo ÁJ^&ca; } ĚÁKOTccæ&@k@ Áç; [Ásæåæ] c^\+ Áţ Ás@ Áajc \ÈÁK/@ Á; |^••` ¦^Áaj ^Á\[{ Ás@ Át æ&Ë q | Áā Á, j` { à^å Áţ Ás@ Á^-ÁCQ | ^ CDÁ ãa^Á; Ás@ Áajc \ÈÁK/@ Á, |^••` ¦^ÁQ • ^ Ás@æc#a Ásœcæ&@ å Áţ Ás@ Áā @Á • ãa^Á; Ás@ Áajc \Ăā Á[č c å Áţ Ás@ Á; I^••` \^Á] [lơt, Ás@ Á/ā ^\[Áādşæç; ÈÁkASM-C-0031)

A5 BI 5 @GK \pm H7 < 6 CL ACI BH \pm B;

Á×@Á,ãa&@a[¢ÆsiÁţÁx^Á^&`i^åÅţÁs@Áź@Áâ@Áâ@Áâ@Áâ@Áâ@Áâ@Áâ@A^i^á@A}a^áa`A^á^áàÈá æÁ@,}Åá^(;}Ås^a^(;}`]b{A^^á^åA^áA^áA^áA^áA^áA^áA^áA^áA^áA^áA^áA



(ASM-NH-0110)

756 @97CBHFC@@9J9FGH5B8

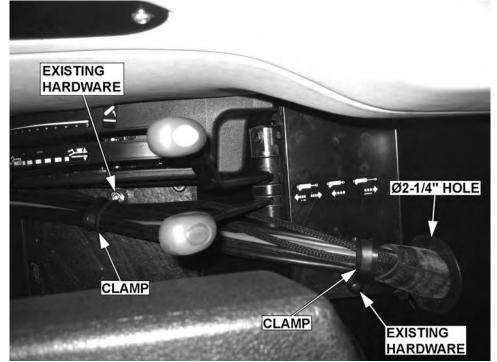
Ú|æ&\Á@,Á\^ç^|^åÁ\å*^Á,Á@,Á`]][[`čÄ\@&&\^]][[`čÄ\@&&\^GHD+AJ;A; æ&a|A|A[A@&&]][['ĚKS[&æ&\Á@A] [```]]['o&a|æ&\^o&d]] (cā] æ&A^(@,]A (ca) A(@)]][ca] æ&\^A (ca) A(@)] (ca) A(@) (

 $W = \hat{a} * A \otimes A = \hat{a} \otimes A = \hat$

FENDER

@# HJ5 @ 9 756 @ FCI HB;

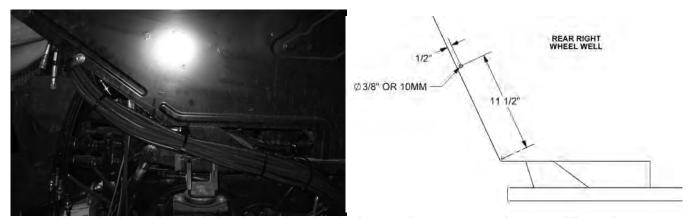
Ô` cháck: CETED +ÁQ |^Áşi, Ágo Ás æ&i, Áj, Áso Ás æki [], bæi ásæki [], bách (2,]] / áki (2,]]



W ^ ÁÜ V X ÁL Á ^ æÁs@ Á@ | ^ Ás@æA, æ Áš ofs Ás@ Ásæ& Á, Ás@ Ásæ& Á / Ás@ Ásæ& ÉÁAsm-NH-0109)

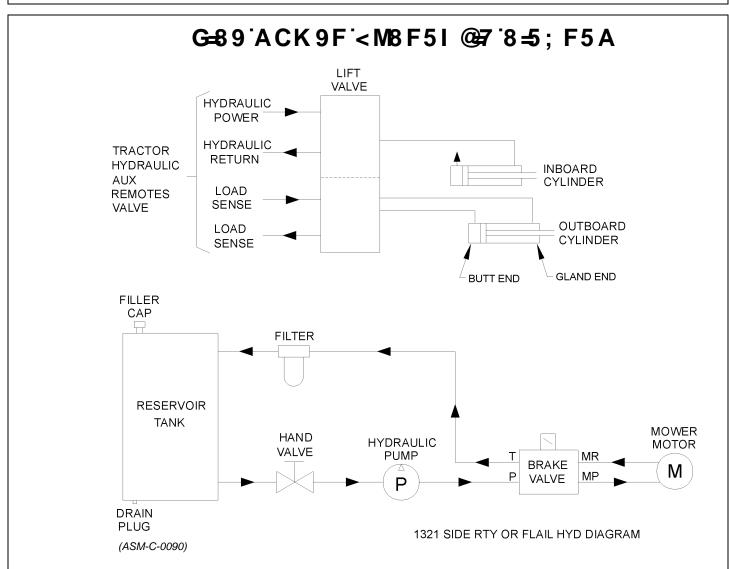
@# H'J5 @J9'<CG9'FCI HB;

T ^æ*` ¦^Á¦[{ Á@ Á&[¦}^¦Á; Á@ Á @^|Á, ^||ÁFFËFBO-Áæ{]}* Ás@ Áaæ&\ Á*a* ^ ĚÁW ^ Áæá*`` æ'^Á{ { ^æ*` ¦^ÁFED-Á§ Á'[{ Ás@ Á*a* ^ ĚÁÜ ^ ~} Å{ ás@ Á{ æ*^• Ás^|[, Á{ A^^ Á:@ Á@ |^Á| æ&^{ ^} È BCH9...*8C*BCH71 H`=BHC`HI 69G`#<CG9G`#K=F9G`K<9B`8F=@@#B; `H<FCI; <`A9H5 @CF`D@5GH=7°



$$\begin{split} & \dot{I} = \frac{1}{2} \left[\frac{1}{2} - \frac{1}{2} + \frac{$$

5L@9'6F579'ACI BHB;



G=89 < M8F51 @7 H5B? = BGH5 @05H=CB

Q,• cæl¦Áæd¦Áāncā) * • Áædj å Áč à ^ • Ábgi ([Áæd) \ Áædj å Áædj \ Áādc^ ¦Áæe Á @ _ } } Ábgi Ás@ ÁÚæd; A Ådj č Adj č Adj } ÈÁÁ Q,• ^ ¦ófædj \ Á āt @af |æe • Ábgi ([Ádj] ó Á āt Å Ásadj \ È

:=@@#B; < M8 F5 | @#7 F9 G9 FJ C=F

Ü^~^¦Áq[Ás@/ÁT ænāj c^}ænj &^ÁÛ^&caāj }Áq[¦Áaā||āj *Án]^&ãaã8æeaāj }•Áenj å Á@ 妿ĕ |a8uÁ;āAÁ^č ăa^{ ^} or È

BCH9. GHUfh]b[ˈcfˈfibb]b[ˈmcifˈH][YfˈackYfˈVYZcfY'Z]``]b[ˈfYgYfjc]fˈk]``WUigY gYf]cig`XUaU[Y`hc`\mXfUi`]Wdiad"

(ASM-C-0004hydro resrv)

-BGH5 @@=B; [·]C!F=B; [·]: +HH=B; G

-BGH5 @@B; B5H-CB5 @D-D9: +HHB; G

Y@}^ç^¦Áş)•czeļlāj*ÁæÁ,āj^Áãcāj*É၌ ¦zajhô@Ás@^zaå•Á&[&];ā*ÁæÁ@Á?åå@Á?ååQá;ā*ÁæÁ@Á?ååQá;á czaj^ĚÁQÁ@ã;Á,æÊÉx@Ázaj^Á,ājlÁs^Ázã@?}^åÁ,@}}Åşj•czeļl^åĚÁPUVÒKÁ%QÁs;Áj[cÁ,^&^••æ}ÁξiÁzaj^ÁUË {ā}*Áãcāj*•ÉÁ;lÁcQ••Aá;•czell^åÆj,áç^]•ÉÁ(AS*M-C-0088)*

; 9B9F5@<CG9=BGH5@@5H=CB

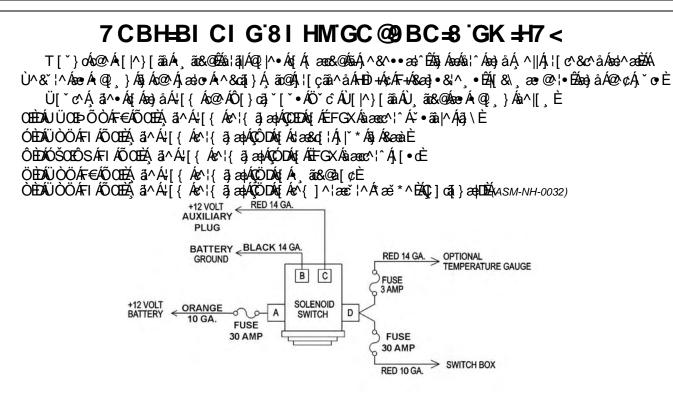
$$\begin{split} & \dot{U}^{-A} \dot{A}_{1} \dot{A}_{2} \dot{A}_{2} \dot{A}_{3} \dot{A}_$$

<CG9⁷CJ9F**B**;

U}Á,[}ÁsæàÁ'}ã•Éko@Á;`*••`'\^Áæ}åÁ'č`+}Á@+••A'[{ Ás@Á&[} d[\Áçæq;^Á]ä|Áæ+[Á,^å&ák[Áæ] ^*•`A'áð]•ã&^Á@Á;[} d[^*+A'A@+^A'A@+^A'A@+^A'A@+^A'A@+^A'A@+^A'A@A; *• Á ão@Ás@A`A[]]|/^Á@áka@A`A'A] &[ç^\Áæ}åA^&`A^Á ão@áka&A`A`d]ā*Á;[çãå^åĚÁA*SM-C-0058)*

GC @ BC=8 6 F5 ? 9 J5 @ 9

H9AD9F5HIF9;51;9ACIBH=B; uuvou Þoršo

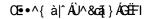


7 CC @ F "A CI BH=B; '!'G=8 9 H5 B?

T[`] c\$ (\$\$ (\$) \$ (\$)







@A + GK + 7 < A CI BH;

ASSEMBLING LIMIT SWITCH

T[`}oÁa¦ææ3\^oÆTÉDD+#å[]}Á\;[{Á[]Å*å*^Á] ĝ•ãa^Á, Á©@Á^æa/Áæ4{ Á[-Á©@Áa¦ææó¥a^æ4 ÉÁ©261ÈÁOEDÁ``æ^Á ĵ ũ@Á©Á``æ5^Ka[¦}^\Åæ Á @_}}Á, ã©@Á©ÓA``æ5^Ka[¦}^Å æ*æå]•oÁæ4{ÈÁY^|å/A,|æe^Á,[Á[|'^Á©æa)ÁTDD+ÁcÁFED+A[}Á{[]Á æ*Á@_}ÈÈ

ADJUSTING LIMIT SWITCH

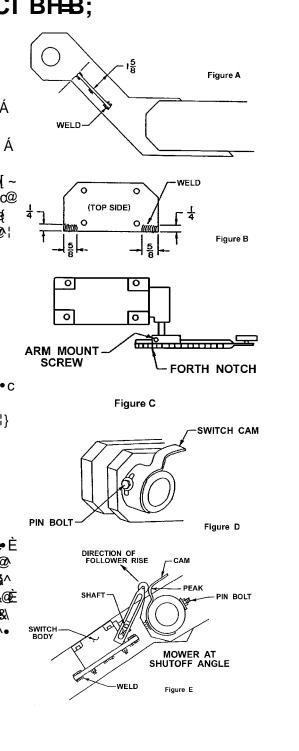
V[Áæåbŏ∙oÁ,ãa&@Áå[Áæ•Á{[||[,•K

FÉY ãc@Ásæq Áşi Áj |æst∧ Áse) å Áj ãj Ás[|c/4şi • cæq| ^ å ÉÅææi ^ Á; [, ^ ¦ qi Ási^• ã ^ å Á @ qi ~ Áse) * |^ È

CĐĂY ão @Á, ã, Áa[| oÁ[[• ^ } ^ åÁš ¦ } ÁSæq(Á } cāļÁ[||^ ¦ Á[||[, ^ ¦ Åš • c | ^ æ&@ • Á] ^ æ Á§ ^ ^ ÁØã č ¦ ^ ÁÔDÁæ) å Áã @^ } Á ã Áa[| dÈ

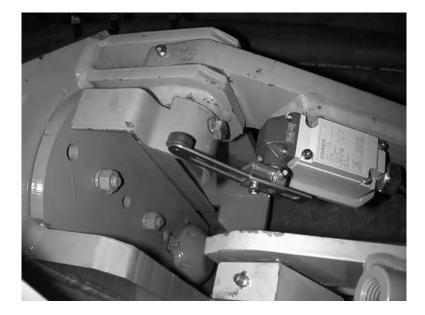
WIRING LIMIT SWITCH

 $\begin{array}{c} & \dot{\Box} \left\{ \left[c^{A}\dot{A}_{c} \right] \right] \dot{A}_{s} \left[c^{A}\dot{A}_{c} \right] \left[\dot{A}_{s} \left[c^{A}\dot{A}_{c} \right] \right] \dot{A}_{s} \left[c^{A}\dot{A}_{c} \right] \left[\dot{A}_{s} \left[c^{A}\dot{A}_{c} \right] \right] \dot{A}_{s} \left[c^{A}\dot{A}_{c} \right] \dot{A}_{s} \left[c^{A}\dot{A}$



@A #'GK #17 <

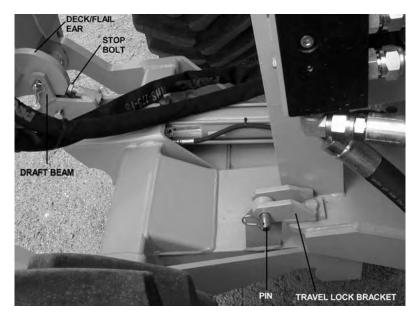
(ASM-C-0029)



HF5J9@@C7? ACI BHB;

 $\begin{aligned} & Q \cdot extraction Q \cdot extraction$

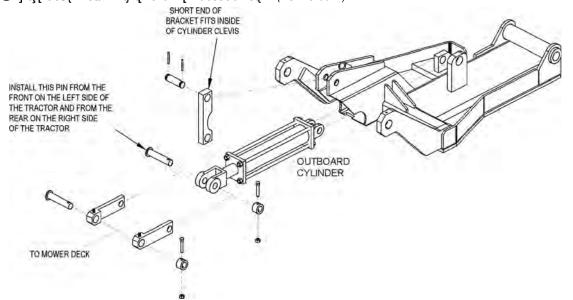
$$\begin{split} & \ddot{A} = \frac{1}{2} \left[\frac{1}{2} \left$$



ACK9F'ACI BHB;

Ô@&\Á@exexheqhÁ*¦^æ^^Á?\+ Á@exeç^Á\$a^}}Å\$j•cæqh^åÅ\$jÅ@&A\$ilæo&a*a*e\$ilÅ@A\$ilæo&a*a*e\$ilÅ@&A\$ilæo&a*a*e\$ilÅ@&A\$ilæo&A\$il@&A*il@&A\$il@&A*il@&A*il@&A*il@&A*il@&A*il@&A*il@&A*il@&A*il@&A*il@&A*il@&A*il@&A*il@&A*il@&A*il@&A*il@&A*il@&A*il@&A*i

 $V \bullet \tilde{\mathfrak{g}} * \dot{\mathfrak{k}} = \dot{\mathfrak{k}} + \dot{\mathfrak{k}} +$



$$\begin{split} \dot{U}_{aa}^{A} \dot{A}_{a} & \dot{A}_{a}^{A}_{a} & \dot{A}_{a}^{A}_{a}^{A}_{a} & \dot{A}_{a}^{A}_{a}^{A}_{a} & \dot{A}_{a}^{A}_{a}^{A}_{a} & \dot{A}_{a}^{A}_{a}^{A}_{a}^{A}_{a} & \dot{A}_{a}^{A}_{a}^{A}_{a}^{A}_{a} & \dot{A}_{a}^{A}_{a}^{A}_{a}^{A}_{a} & \dot{A}_{a}^{A}_{a}^{A}_{a}^{A}_{a}^{A}_{a} & \dot{A}_{a}^{A}$$

À {^^ يَهْ هُمْ اللَّهُ هُمْ اللَّهُ الْمُعْ المُعْمَى مُعَمَّدُ اللَّهُ المُعْمَى مُعْمَعَ المُعْمَعَ مُعْمَعَ المُعْمَعَ مُعْمَعَ المُعْمَعَ مُعْمَعَ المُعْمَعَ مُعْمَعَ المُعْمَعَ مُعْمَعَ مُعْمَع مُعْمَعُمَ مُعْمَعَ مُعْمَمَ مُعْمَعَ مُعْمَعَ مُعْمَعَ مُعْمَعَ مُعْمَعَ مُعْمَعَ مُعْمَعَ مُعْمَعَ مُعْمَعَ مُ فَعْنَا مُعْمَنَةُ مُعْمَعَ مُ

@# H7CBHFC@: 998@#B9G

 $P[\bullet^{A}) * c@ \dot{A} = \dot{A} + \dot{A} +$

Q•cæļÁæÁQ•^Á¦[{Ás@Á]]^¦Á¦¦Áįčơ¦Áşæç^Á;[¦óÁξÁs@Á^•dæ3d;¦Á;}Ás@Áįčæ[æåá&î|ã;å^¦ÁsčœÉ Ù^^ÁÚæto ÁÙ^&cāt;}Á[¦Á;ætoÁ;č{à^¦•Áse}åÁQ;•^Á[čāt;*Ást]čedæata;}•ĚA(Asm-c-0093)

897? #ACHCF : 998 @ B9

Q•cæqlÁ] |ãxÁq2•^•Áæd; {`}}åÁ@妿č|ã&Áq2•^•Á; @\^Áx@^Á&] [Å) * * • ÉÅ; {Åæ}^Á; c@ ¦Á ^å*^•ÁœdA; æĉÁ`àÁq2•^•È

Ó^Á`¦^æ^e^i;ň]æ&?;أَكَلُلُظُ +^e•]يَفُمُ قَبْلُ عَجْمَعُ هَلَا هَا لَهُمَ اللَّهُ فَي الْمُعَامَ مَعْلَمُ الْعَ c@ Ási: هَمْ هُمْ اللَّهُ مَعْلَمُ اللَّهُ اللَّهُ مَعْلَمُ اللَّهُ اللَّهُ مَعْلَمُ مَعْلَمُ اللَّهُ فَي مُعْم c@ Ási: هَمْ هُمْ اللَّهُ مَعْلَمُ اللَّهُ مَعْلَمُ اللَّهُ اللَّهُ مَعْلًا مُعَامًا مُ عند معامل مع معامل مع معامل مع معامل م معامل مع

20\$إ\Á@妿`|&&Áæ) \Ájār@Á\ٽāâÁæ Á^&{[{ { ^} å^åÁş Á∞ ÁTæşi c^}æ}& AÂV^&a[} ÈÁ%6 9 `GIF9 `HC` CD9B`H<9`65 @@J5 @J9G''/ÁÅQædÁ© Ášæ&d[¦Áæ)åÅ[]^¦æz^Á@Áşià[æåÅ&`|ājå^¦Á@[`* @Ás@Ás]aā^Á •d[\^Áæ)åÁs@Á[ča][æåå&î]ājå^¦Ás@[`* @Ás@Ás[ad[\^Á^]^æz^å]^Ás[Ás[A&A] & C`BCH`fib`cihVcUfX`Wh`]bXYf`cihhc 'Zī```ghfc_Y`ibhj``ghcd`Vc`h`Ug`VYYb`UX11ghYX°

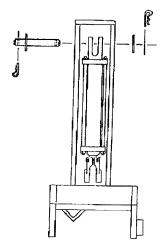
Üzén Áscó Ásco^^ Áj [ā] cÁcense cése) å Á&ce & Ásco Ástæsto [¦Ásj c^\} æ Áce à ¦æ jæ ÉÁajjÁst Áj ¦[] ^¦Á^ç^|ÁsiÁ } ^^å^å ÈÁAASM-C-0079)

GHCD⁶C[@]H⁵8>IGHA9BH

756 @9 '@# H'8 F5 : H'6 95 A '**= BGH5** @@5 H=CB

AAA<t

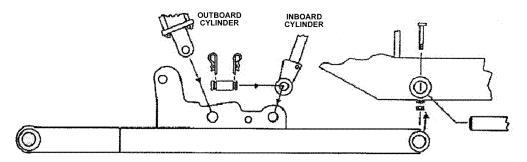
À (أَجْ هُهُ الْعَامَ عَهُ مُلْكَ إِنَّهُ الْعَمَامُ اللَّهُ عَمَامَ اللَّهُ عَمَامَ اللَّعَامَ الْعَامَ الْعَامَ الْعَامَ الْعَامَ ال غَمُ مُلَكَ الْحَمَامُ الْعَمَامُ اللَّهُ الْعَمَامُ اللَّهُ الْعَمَامُ الْعَمَامُ الْعَمَامُ الْعَامَ الْعَامَ



8F5:H695AACI BHB;

Ú ||Á@Á\$Jà[æåÅ&â;]ā]å^¦Ájã;d[}Å[åÅ\$][,]Å{[åÅ\$][,]}Á{[Á@A^¢d^}}^A %d%d^] à^æ; Á}å^å^!Å&@Á&;]ā]å^¦Éæjåå&]äÅæjå;Å&]^çã Á@2]/Å;ã@á\$læoÁshæ; Á@2]/Å,A*æ^•ó4{[Á@A/Å]&&} à/æ; Á}å^a^{A}&^Å;Å@A%]äÅ=È

٧٧ • ā) * Áşi à[æ-áÁs; ļā) å^\Áse Áseý, ãç[ơý] [ā) đÊA jã ở Ási æ óks ^ æ; Á } å^\Ási æ óks ^ æ; Á } å Åsi • œ áksi æ óks ^ æ; Á]ā) ÈÁMOEtā } Á@ إ^ Áşi Ási æ óks ^ æ; Ájā, Ájã Ó, ão @ Á@ إ^ • Áşi Á; ænd ، خæ; أهن • Ási å Åşi • œ áksi æ óks jæ @ \Ási à Á@ ¢ Áj` čÈ



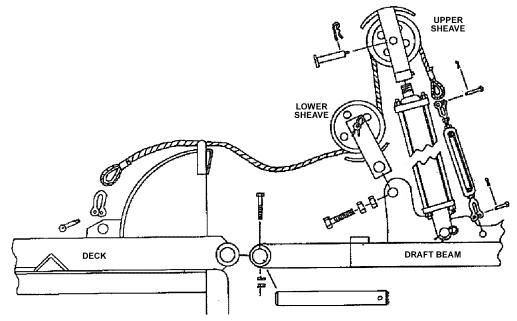
897? ACI BH=B; 5 B8 @= H5 GG9 A 6 @M

Úæ••Áv@·Ájāo&sæà/^Ás/[`*@`A]]^¦Á:@:æç^Ás,!æ&\^ó&;;å&:&&`A]/^[[`*@`&`}A^; & @`A]/A; & @`A]/A; & @`A]/A; & & A]/A; à`&\|^Aj,āj,Ás;åA;{co^\;Á\^`BXXCTCC22&@A\$`;}Ás`&\|^Á;f,As`&\|^A;f,As`&;&A]/A; à`&``È

Ú|æ&^Ás@Ásæà|^Á\$já&@Á]]^\¦Á@æç^Ás\æ&\^Ó,ã@Ás@Ásæà@Ásæà|^Á\$;}Á[]A; Ás@Á@^|ĔÁÁ Ù^&`¦^Á@^|Á;ãa@Á@æç^Á;ājÁÇã@Á`¦^æ^ÁA'\Dáa;åÄÜË&|ājĔÁÁÚ|æ&^Áãa&æà|^Á\$jÁ[,^^\Á •@æç^Ás][,Ás@Á;@^|Áa;àA\$j•œa|Á@æç^Á;ão@4;āÁÇão@4;\^æ•^Á^\\Dáa;åÄÜË&|ājĔÁÁ/@}Á ā;•œa|Ás@Á

٧@ Á&cea) Á @ مُؤسَفُ Aُهُ (إِنَّا مَهُ * لَقَتْ اللَّهُ * لَقَتْ عَلَيْهُ * لَقَتْ اللَّهُ * لَقَتْ اللَّهُ فَ Vation (المَعْنَةُ Aُهُ مُوَجَعَةُ Aُهُ مُوَجَعَةُ Aُهُ مُؤَسَفًا اللَّهُ * A مُؤَسَفًا اللَّهُ A المَعْتَقَبُ

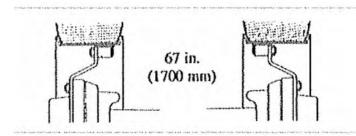
FYZYf'hc'h Y'7 ca a cb'GYWjcb'Zcf'Z fh Yf'fYZYfYbWY'UbX'dUfhbi a VYfg" (ASM-CBL DRFT BEAM-0002)



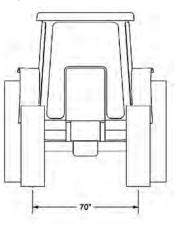
HI FB617? @9 58>I GHA9BH

Ò¢ơ\ å Áœ Á; ča[æåÅ& jā å^¦ Ấ } đĂœ Áš Aš Á; ča Ác@ Áš Aš Á; ča@ Ác@ Á dí] Á; } Ác@ Á𠦿óÀ æ, ĚÁÁP [|åÁœ å^&\ Áş Ác@ Á [• ãtā] } Áţ Ázaš b • óÁ@ Áãó&æà|^Á? • āt } ĚÁÆB b • óÁč ¦ } à`&\ |^ Ấ } ča Åsæà|^Áš Až @È Š[, ^ ¦Áæ} å Ázaš ^ Ác@ Áš Aš Áţ Áz @& Ázaš b • d(^ } dĚÁV @ Á; [, ^ ¦Áå ^ &\ Á @` |åÁ ^ æ&@źimp Á dí] Á; } c@ Á𠦿óÁa ^æ; Áza ^ Ázā ^ Ázā ^ Áz@ Á; ča [æåÅ& jā å^¦Á ^ æ&@ • Ázimp Á ¢d^{ ^ A¢ ¢C} å^ å Å; [• ãtā] } È Øā æ|^ Ázā @^} Ác@ Áč |} à` &\ |^ Á[&\ Á, č • Á * Aš [] Å; A ^ & Asa Å á@ Å; A ^ & Asa Å á Ø; æ]^ Å Áz@ Ázā ^ Áz@ Ázi } Å; ča [æåÅ& jā å^¦Á ^ æ&@ • Ázimp Á ¢d^{ ^ A¢ ¢C} å^ å Å; [• ãtā] } È Øā æ]^ Ázā @^} Ác@ Ázi } à` &\ |^ Á[&\ Á, č • Á * Aš /]^ ÈÁÁQÁ; ā] /Áx - & A* • • æ^ Ádi Á ^ æåb` • óÁc@ Ázi |} à` &\ |^ Ázæ '! Ác@ Ásæà|^ Ác@ Á c^ &@ å Á! { Á ~ ĚÁ(ASM-SIDE MNTS-0005)

(K8[:]:FCBHK<99@58>IGHA9BH



LOOKING FROM THE FRONT



:=B5@DF9D5F5H=CB:CFCD9F5H=CB

٢٤ (أَجْ فَحْمُهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ الْحَمَّةُ الْحَمَّةُ الْحَمَّةُ الْحَمَّةُ الْحَمَّةُ الْحَمَّةُ اللَّهُ اللَّهُ عَلَيْهُ اللَّهُ عَلَيْهُ اللَّهُ اللَّهُ عَلَيْهُ اللَّهُ عَلَيْهُ اللَّهُ عَلَيْهُ اللَّهُ الْحَمَّةُ اللَّهُ اللَّهُ اللَّهُ عَلَيْهُ اللَّهُ اللَّهُ عَلَيْهُ اللَّهُ عَلَيْهُ اللَّعَ مَعْمُ عَلَيْمُ اللَّهُ اللَّعَ مَعْمُ اللَّعَ مَعْمُ اللَّعَ مَعْمُ اللَّعَ مَعْمَ اللَّعَ مَعْمَ اللَّعَ مَعْمَ اللَّعَ مَعْمَ اللَّهُ اللَّعَ مَعْمَ اللَّعَ مَعْمَ اللَّعَ مَعْمَ اللَّعَ مُعْمَ اللَّهُ الْحَمَى اللَّعَ مَعْمَ اللَّهُ اللَّعَ مَعْمَ اللَّعَ مَعْمَ اللَّعَ مَعْمَ اللَّعَ مَعْمَ اللَّهُ اللَّعَ مَعْمَ اللَّعَ مَعْمَ اللَّعَ مَعْمَ اللَّعَ مَعْمَ الْحَمَى اللَّعَ مَعْمَ اللَّعَ مَعْمَ اللَّعَ مَعْمَ اللَّعَ مَعْمَ اللَّعَ مَعْمَ اللَّهُ الْحَمَى مُعْمَ اللَّعَ مَعْمَ اللَّهُ الْحَمَا اللَّعَ مَعْمَ اللَّهُ الْحَمَامَ اللَّعَ مَعْمَ اللَّهُ الْحَمَامُ اللَّعَ مَعْمَ اللَّهُ الْحَمَاعَ مَعْمُ الْمُ اللَّعَ مَعْمَ مَعْمَ اللَّعَ مَعْمَ مَعْمَ الْحَمَ اللَّعَ مَعْمَ مَعْمَ اللَّعَ الْحَمَاعَ مَعْمَ مَعْمَ الْحَمَا اللَّعَ مَعْمَ مَعْلُ الْحَمَا اللَّعَ مَعْمَ مَعْمَ الْحَمَالَ اللَّعَ مَعْمَ مَعْمَ الْحَمَا الْحَمَالَ الْحَمَالَ اللَّعَ مَعْمَ مَعْمَ مَعْمَ مُعْمَ مُعُمُ مَعْمَ مَعْمَ مَعْمَ مُعَلَى الْحَمَ الْحَمَا الْحَمَالَ الْحَمَا الْ مُعْ

AWARNING

ÓÒQUÜÒÁ cæ¦cāj*Áį¦Áį]^¦æcāj*Ás@Ás!æ&q[¦Á[ǐÁį`•oÁ^æå/&ejåÁ}å^¦•cæ)åÁs@Á ÁÙæ^c`ÁejåÁJ]^¦æcāj}Á^&cāj}•Á;Ás@áÁ;æj`æ‡/&[{]|^c^|`È

6 9 °GIF9°H< 9°65 @@J5 @J9G°5F9°CD9B°[™]ÙcæłoŃstæ&d;¦Áe)åÁee|[, Á5j•d°{ { ^}orÁt[Árcæàậã^È W•āj*ÁæÁjā?&^Át-Ájæ]^¦Át¦Á&æaåà[æ+åÅæeÁ,[oråÁ5jÁc@ÁÙæ^ćÁee)åÁTæājor}æ)&^ÁÙ^&aāt})•É&@&&Áee| -ãocāj*•Áee)åÁ&[}^&aāt] •Át¦Á@妿čjã&ÁreèèÈ

QÁœÁ Až Áť `} åÊź (``, '` • oÁ @ oÁ á[, `} Áœ Ád ææd l¦Éź• ^ dœ Áš œ Áš @ Ač æš ('`) à ÈźÁÁÓ ^ ; '` * oÁæŝ č æs Ác@ Áť æd l' č * oÁæŝ č æs Ác@ Áť æd l' č * oÁæŝ č æs Ác@ Áť æd l' č * oÁæŝ č æs Ác@ Áť æd l' č * oÁæŝ č æs Ác@ Áť æd l' č * oÁæŝ č æs Ác@ Áť æd l' č * of æd l' č * oÁæŝ č æs Ác@ Áť æd l' č * of æd l'

ACK9F⁺H9GH+B;

=ZUbmidUfhgʻcZh]gʻ5 ggYa V`miGYWijcbžcfʻUbmich YfʻgYWijcbʻcZh]gʻa Ubi UʻUfY bchWYUf`mi bXYfghccXinci a i ghWcbhUWinci f`XYU'Yf`cf`h YʻUXXfYggʻcb`h YʻZicbhcZ h]gʻa Ubi UʻZcfʻUgg]ghUbWY[°] (ASM-C-0010)

CD9F5H+CBG97H+CB

U]^¦æaāį}ÂÛ^&cāį}ÁHËF

H=; 9F'G=89'FCH5FM'ACK9F CD9F5H=B; =BGHFI7H=CBG

QAFarÁc@ A[]^¦æe[¦qrÁ^•][}•āaājāč Áţi Aba^Á}[, |^å*^æb|^Á[-ák=|Á][c^}čāe4Á[]^¦æeā]*Á@ee æs'å•Áea)åÁţi Abaa^Ávç^¦^ |^æe[}æbi|^Áj¦^&æeč cā]}Áξi ÁY}•`¦^Á[}^•^|-Êáţ c@ ¦•Êáea)ā[懕Êáea)åÁj¦[]^¦c`Áæe^Á,[cÁajb`|^åÁţi Abaæ{ æ*^å/ba^Áx@ { [,^¦Êbciæe&c[i/á]¦ÁæAc@[,]}Á[ab/&cEÁÖ[Á,[cÁ]]^¦æe^Áx@ Áţ [,^¦/ãaÁa^•cæa)å^¦•Êá]æ•^¦•à^Êáj^o A[iÁãç^•o[&\ÁæA , ãc@ajÁ+€€Á^^cA[-Ác@Á]}ãÈ

 $\begin{array}{l} F958 \, {}^{5} B8 \, {}^{1} B89 F G H 5 B8 \, {}^{+} + 9 \, {}^{9} 9 B H F 9 \, {}^{-} C D 9 F 5 H B; \, {}^{+} B G H F I 7 H C B G \, {}^{5} B8 \, {}^{-} G 5 \, {}^{-} S 1 H G 9 \, {}^{-} H C \, {}^{-} G 3 \, {}^{-} H C \, {}^{-} H C \, {}^{-} H C \, {}^{-} G 3 \, {}^{-} H C \, {}^{-}$

 $\begin{array}{c} \underline{UOCEDEA} & \underline{UOCEDDECEA} \\ \underline{UOCEDECEA} & \underline{AAUSSUY} \\ \underline{ACCA} & \underline{CAUSSUY} \\ \underline{ACCA} & \underline{CAUSSUY} \\ \underline{ACCA} & \underline{CAUSSUY} \\ \underline{ACCA} & \underline{CAUSSUY} \\ \underline{ACCA} & \underline{ACCA} \\ \underline{ACCA} &$



A PELIGRO

 $\begin{array}{l} U \widehat{a} \hspace{0.1cm} h \left[\begin{array}{c} A \hspace{0.1cm} \wedge \hspace{0.1cm} A \hspace{0.1cm} h \end{array} \right] * \left| \hspace{0.1cm} \wedge \hspace{0.1cm} A \hspace{0.1cm} h \end{array} \right] \\ \left\{ \begin{array}{c} A \hspace{0.1cm} h \hspace{0.1cm} \hspace{0$



Ŭ@ŎÁIJU VŒIJŸ

U]^¦æeāį}ÂÛ^&cāį}ÅHËG

CD9F5HCB

<u>% GH5 B8 5 F 8 9 E1 = DA 9 BH 5 B8 GD97 = = 7 5 H=C BG</u>

<u>G=89 FCH5FM</u>

Ôčca}*ÁYãac@	Î €v⁄a) åÂiG v∕08 c过∕Ôčc
Ù] ậ å ^ÆÖ¦ãç^	Öã^&ơÂĴ] ∄ ^Áæ) åÁÖã^&ơÁØ ^¢ãà ^ÁÔ[č] ^¦
Ô˘œ^¦ÁŒ•^{ à ˆ	U}^Ëjā%&^Á{[¦{^åÅaãa@xĉ]^Ájão@x{}}^Ëjā%&^Á{[¦*^åÁ]ējå ^Áæe•^{à ^
Ô˘œ^¦Á₽^æåÁŒ&	FÌ€»Á,}ÁÔæà ^ÁŠãoÁæ)åÁ∓ÍJ»Á,}ÁÔ[{à[ÁÖ¦æoÁÓ^æ{
S} ãç^∙	V,[Á`; Á`,ā)*ā)*Á@a*@Á`&cāį}Á@?aazÁd:^æaz^åÁ}ãç^∙Ácæa)åædaå U]cāį}æqÁc@^^ÉÁų`¦Áį¦Á;ãcÁ}ãç^∙Áæçæaajæaà ^
Tæn∄Á24æ{^	EÙ[ãaÁ([ǐ}oÁs^•ð#}A(æÂ\$)& ĭå^Á;])dŹ(ãaÁæ)åÁ^æ/Ás¦æ&^• ÇTæÂkşæl^Ás^]^}åðj*Á(}Áslæ&d[¦Á([å^ D
Šão4Ô[}d[V¦æ&d[¦ÁP^妿ĕ ã&A[¦ÁU]cā[}æ¢ÁÔæà ^Á&[}d[Áæ);åÁşæ‡ç^∙

EÁTæîÁçæ¦^Áå^]^}åāj*Áį}Ád;æ&q[¦Áį[å^|È

Ŭ@ŎÁÜU VŒÜŸ

U]^¦æaāį}ÂÛ^&cāį}Á+ĖH

CD9F5HCB

<u>& CD9F5HCF F9EI = F9A9BHG</u>

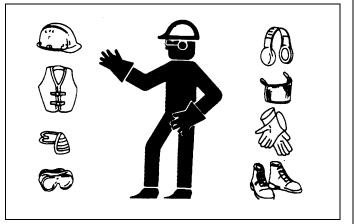
Ùæ^Á,]^¦æaā,} Á, -Ás@ Á } ão/ār Ás@ Á.^•][}•āaā,ač Á, -ÁseÁ `æ,āāð åÁ,]^¦æa[¦ÈÁOEÁ `æ,āãð åÁ,]^¦æa[¦Áœe• Á∧æå,Áse) å `}å^¦•œe) å•Ác@ Áā[]|^{ ^}ôke) åÁstæ&a[¦ÁU]^¦æa[¦q ÁT æ) `æ,ÞÁse) åÁār Á^¢]^¦ð?} &^åÅāj Áā[]|^{ ^}ôke) åÁstæ&a[¦ []^¦æaā]}Áse) åÁse|/‰e•[&ãæe* åÁræ^c Á,¦æ&cã&• ĚÁQ Áseå åãaā]}Ás[Ác@ Á æ^c Á, ^••æ* ^•Á&]} æā]^åÅāj Ás@ á Á;æ* ĉ *æ^c Árā*}•Áse^Áse-Áse-ã¢^åÅt[Ác@ Áā[]|^{ ^}ôke) åÁstæ&a[¦ĚÁQÁse) ^A,æo'A, Ase óA, Ase áA] Áse} åÁs æ^A · Át[Ac@ *æ^c Árā*}•Áse-Áse-á¢^åÅt[Ác@ Áā[]|^{ ^}oke) åÁstæ&at[*ÉÁQÁse) ^A,æo'A, Ase óA, Ase áA] Áse} åÁs æ^A · Át[Ac@ *``ā]{ ^}óke Á,[okæ]{]|^c^\^Á}å^\+of[åÉ&]}•`]oke) Áse`c@ ¦ã ^åÅs^æ^\Åt[Áse&at] {]|^c^Áv¢]]æ}æaā} È

ĢÁ@A[]^¦æe[¦Á&æa}}[oÁ^æåÁs@A[æa)`æ†+Á[¦Ás@{•^|ç^•A[¦Ás[^•A,[oÁs[{]|^o<\^Á}å^¦•œa)åÁs@A[]^¦æeā[}Á[Ás@ ^``ā]{^}dŹásóÆiÁs@Á^•][}•ãaājācʿÁ[Ás@Á`]^¦çãr[¦Át[Á^æåÁsa)åÁ^¢]|æājÁs@A(æ)`æ†+ÉAræ^c`Á]¦æ&ca&^•É&sa)å []^¦æeāj*Ás]•dč&cā[}•Át[Ás@A[]^¦æe[¦È

Ùæ^Á;]^¦æa‡i}Á;~Á``āj{^}ơÁ``āl^•Ás@eeckó@Á;]^¦æaţi¦Á;^æa¢kæj]¦[ç^åÁÚ^¦•[}æ‡ÁÚ¦[ơ&aã;^ÁÒ``āj{^}ơÁQÚÚÒE -{¦Ás@Á4jàÁ&[}åãa‡i}•Á;@}Áeeceece@j*Ê4;]^¦æa3j*Ê4;^¦çã&3j*Ê4eejåÁ^]æa3j3*Ás@A``āj{^}dĚ4ÁÚÚÒÁ5a;Áå^•ã}}^åÁq]¦[çãå^Á;]^¦æaţi¦Á;![ơ&a‡i}Áe3yàÁ3y&|ĭå^•Ás@Á[||[;j3;*Á;æo°čÁ;^ækK

D9FGCB5@DFCH97H=J9'9EI=DA9BH'fDD9Ł

- ´ 0Ę, æî∙Á∕^æ¦ÁÙæ^ĉ ÁÕ|æ•^•
- ″ PælåÁPæc
- ´Ùơ^^|Á[^ÂÛæ^ĉ Á2[[ç,^æ
- ″ Õ∥ ç^•
- ″ P^adaj*Áۦ[c^&caj}}
- ″ Ô|[•^ÁØãca]ੈ*ÁÔ|[cœa}*
- Ű[^]•]ãlæe[¦Á [¦Á Øãplc^¦Á Tæe∖ÁÇ å^]^}å•Á [} []^¦æeāj*Á&[}åãaāj}•DÁ%(OPS-U-0002)



ADANGER

$$\begin{split} & \mathsf{POXOUA} \bullet \land \mathsf{A}_{8}^{i} | \overset{*}{\bullet} \mathsf{A}_{1}^{i} | \mathsf{A}_{4} \mathsf{A}_{2}^{i} | \mathsf{A}_{1}^{i} | \mathsf{A}_{2}^{i} |$$



Ŭ@ŎÁIJU VŒIJŸ

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<u>'"HF57HCF`F9EI=F9A9BHG</u>

 $\begin{array}{l} Q_{Abcel} a_{\overline{a}\overline{a}\overline{a}\overline{a}\overline{b}} & A_{\overline{a}} a_{A} a_{A}$

HfUWhcf FYei]fYa Ybhg UbX 7 UdUV]]h]Yg

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 [ç^ \ 円 |: [c^ &caç^ Ár • c^ { AÇÜUÚÚDŽÁCE], aê • Á ^ aze Ár ^ azefa ^ | or ÈÁÙ^ ¦ ð i ^ Ág b` ¦ ^ Á; |
 ^ c^ } Ás^ aze@ás[` | å Á^• ` | och[{ Ázet]] * Ár a é A ^ Azefa Zet[! 円 azefa Zet] = ' ási ` i ð i * Ár i ' í ð i ' í ð i * Ár i ' í ð i ' í ð i * Ár i ' í ð i ' í í í ' í í í ' í í í ' í ð i ' í ð i ' í ð i ' í ð i ' í ð i ' í ð i ' í ð i ' í ð i ' í ð i ' í ð i ' í ð i ' í ð i ' í ' í í í ' í í í ' í í í ' í í ' í ' í í í ' í ' í ' í ' í ' í ' í ' í ' í ' í ' í ' í ' í ' í ' í ' í ' í



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Tænāj cænāj ÁndeļÁ, æ) *ænseč ¦^¦Á* * āj]^å Á æ^ć Á @ā^|å•Áæ) å Á* æså•ÈÁKOE, æ°•Á^] |ænse^Á @ā^|å•Áæ) å Á* *æså•Áx@æneÁ, ^¦^ ¦^{ [ç^å Á[¦Ásesse^••Á[Ás[}}^s&E4:\çase^É4:\;A^]ænā Áx@ Ásæsed[¦Á[¦Ás[]]^{ ^} & DEX OPS-U-0004_A

<u>'"`HfUWfcf`<cfqYdckYf</u>

V@Á@[!•^][,^¦Á^˘˘ã^å&{[ʎ]^¦æe^Ás@Á[[,^¦&s^]^}å•Á;}A;æa}^Áæ&{[!•Á5]&{`áā]*Áş^*^œæa]}&{[Ås^Ás`dÉsv¦!æa] &{]}åããā[}ÊÅ]^¦æe[¦Á^¢]^¦ā^}&^Áæ]åÁ&[}åããa]}A[,~Ás@Á[[,^¦Áæ]åÁs!æ&4[¦Ě&2[¦Á[[•oÁ[[,ā]*Á&[}åããa]}•É&©Á*ãå^ ![œa^Â,[|\•Áa^•oÁ]}Áæak!æ&4[¦Á]ã@ÁæaA^œoÁ\€ÁPÚÈAU]^¦ææa]*Ás@A[[,^¦Á]ão@Áæaki!æ&4[¦Ás@æakis[^•Á,[oÁ@æç^ æå^˘`æe^Á,[,^'¦Á[æê Ásaæ{e* ^Ás@ Ás!æ&4[¦Á*}*ā]^È

U]^¦æaāį}ÂÛ^&caį́}ÅHÉ

ŮØÔÁÜU VŒÜŸ

CEA(ā)ā[`{ Á; -ÁG€Ã Át[cæd-Átæ&d; ¦Á, ^āt@A{(`•oAa)^Á; æāj cæaāj ^å Á;}Áx@ Átæ&d; ¦Á![}óA^}åÅæeAæd; Åā; ^•ÈÁd2[]}óÁ*}å ^āt@A\$miÁ&lãaaBæd-Át[Á{ cæaj cæaāj Ár c^^¦ā] * Á&[]}d[|Áæaj å Át[Á]¦^ç^}oAs@ Átæ&d; ¦Á![{ Á^æd-ã] * Á] Á, @āp^Åa¦ā;ā] * ĚÁGAS@ -{[}óA*}åÅmiÁt[[Áāt@ÉÉæaååÁ, ^āt@A*}cāAsed; à]ā[`{ Át, -ÁG€Ã Át[cæd-Á, ^āt@A*miÁ^æ&@åAt,}Áx@ Á+[]oÁat^•ĚÁd2[]}c ^ ^āt@o ÁaajåÁ, ^āt@A&æd-jåv¦•Á&æaj Áa^At,`}&@æo ^åÁx@[`*@Áaaj Ákĕ c@]¦ã ^åÁtæ&d; ¦Áa*aæd^'|Áa*aæd^'|•@āj ĚÁOPS-U-0005

<u>(";9HH=B; CB 5 B8 C:: H<9 HF 57 HCF</u>

Ó^-{¦^Át^co‡;*Á;}q[Ác@Átæ&q[¦Ébc@Át]^¦æq[¦Át, `•cÁ^æåÁæ)åÁ&[{]|^c^|^Á}å^¦•cæ)åÁc@Át[]|^{{ ^}ofæ)åÁc@Át[]|^{{ ^}ofæ}åÁtæ&q[¦ []^¦æq[¦Át, æ) 迆 ĚÁQÁæ)^Ájæoqt,~Árão@¦Át, æ) čæjÁãrÁj[cÁ&[{]|^c^|^Á}å^¦•q[[åÉA&[}•č|oÁæ)Áæčc@;¦ã^åÁå^æ†^¦Á[¦ æÁ&[{]|^c^Ár¢]|æ)æat[}ÈÉAOPS-U-0007

<u>('%6 cUfX]b['h\Y`HfUWfcf</u>

₩•^Asi[c@A@ean)å•Asen)åA*``a]]^åA@ean)ålæan‡•Asen)åAic^]•A[lA`]][¦A,@}Asi[æsåan]*As@Aslæaso[lÈAsh>^ç^¦A`•^Asi[}d[| |^ç^!•A[lÁ`]][¦A,@}A([`}ean)*As@Aslæaso[lĚAQ^æsA[`'!•^|~AsiAs@A[]^!æ[¦q+A^æeAsen)åA^&`l^As@Ar^æeAsh|c æ[`}åA[`È

Þ^ç^¦Áæļ[[^ Á]æ••^}*^¦•Át[Áiãa^Át]Ác@Átlæ&t[¦ÁtlÅæccæ&@åÁ``ā]{ ^}dĚÁÜãå^¦•Á&æjÁ`æ•āîÁæļlÁt,~Æs)åÁa^ •^¦āt`•|^Ás]b`¦^åÁt¦[Áiā]^åÁt¦[{Áæ]lät*Át,~Æs)åÁs^ā}*Áæ)Átç^!ÈӲkQA5aÁc@Át]^!æt[¦enA^•][}•ãaātāc Át[Át[¦àãaÁæ‡lÁ^¢dæ ¦ãa^¦•ÁsexÆd[Átāt_^•ÈÁOPS-U-0008

> Þ^ç^¦&aa|[, &&@ajå¦^}A;\Aic@`¦Aj^¦•[}•Aa[Aaâa^Ai}Ac@`Av¦æ&d[¦Ai;\AQ]|^{ ^}CE Øælja]*Ái~ÁsæajÁ^•`|oÁajÁ^'a]`*Áajb`¦^Ái¦Ås^æc@Axioö⊯e⊡

O[A][o4,[`}o4,¦&åã{[`}o4,a&ã{[`}}o4,a&ã{[']}o4,a&a{d}; @@Á/¦æ&d[¦Á,]^Â,@}Á@A/¦æ&d[¦Á,â&â*[{`}adorÁ&a{['AšrA,[]]}adorÁ&a{[']}adorA&a{[']}a

Ŭ@ŎÁIJU VŒIJŸ

ADANGER

U]^¦æaā[}ÁÛ^&cā[}Á+HÉ

•([]]^å 🛱 🖗 õõ 🗄 GD





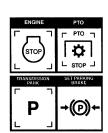




<u>("&`8]gacibh]b[`h\Y`HfUWhcf</u>

Ó^-{¦^Ásăa{{[`}da}*Êğ}ad\Ác@Ataasd;¦Ása}åAş[]|^{^}ón{;}Ase4^æe;[}aæ]^Árç^|Ar`¦-æas^Êsa]]|^Ác@Ataekd;¦åa}*Ásiæe^Ê ãå|^Ác@Ar}*āj^Ás[;}ÁsajåA[;^¦Ác@As[]|^{^}oAs[Ác@At'|[`}åÈÁÙ@O4s[;}Ác@Ataesd;¦Ár}*āj^Ásas&[¦åaj*Át[Ác@ []^¦æn[¦qnAtae)`aehÊk^{[ç^Ác@AA^ÊsajàAfaasoÁt]¦Ása|At[[cā]}Át[Ás[{]|^c^|^Árd[]ÈÁn>^ç^¦Áræç^Ác@Ar^æaA`}dajÁc@ dæasd;¦É§asAr}*āj^ÁsajåÁsa|Át[çā]*ÁjæsorÁ@æç^Á&[{^Át[Ása4&[{]|^c^Árd[]È

₩•^Á@ea)åÁæa‡•Áao)åÁ·c?]•Á,@}Á¢añaj*Áo@Átæ&q[¦ÈÁÓ^Á&æa!^~`|Át,~Á[`¦Á·c?]Áao)åÁ •^Át¢dæa&æĕ qā;}Á,@}Át,`åÊ a&^ÊA;[,_Át,lÁt,c@¦Át,æac^¦Á@ea-Áæ&&č{`|æac°åÁt}}Á@A`c?]•Át,lÁ@ea)åÁæa‡•ĚÁ₩•^Áae|Á@ea)妿a‡•Áao)åÁ·c?]•Át[¦Á`]][¦c æ)åÁj^ç^¦Á`•@At¦lÁtš{]Át,~As@Átæ&q[¦ĚÁOPS-U-0009_A



<u>) "GH5FH=B; H<9 HF57HCF</u>

V@A[]^¦æq[¦A[``•oA@eqe^A&ex&8[{]|^c^A[}å^\+ocæ)åð]*A[Ac@A]|æ&A{ ^}oCA[}&&cā[}E&ee)åA[]^¦æqā[}æ4A[*•^A[Ac#| dæ&q[¦A&[}d[|•Aà^-{|^A^acæ+cā]*Ao@Ad;æ&q[¦EAÜ/^ça?_Ao@Ad;æ&q[¦A[]^¦æq[¦qe|A[æ)`æ4Aæ)åA&[}•`|oAæ)Aeĕ co@|lã^å å^æ4^¦A{[¦Ad;æ&q[¦A[]^¦æqā]}A§]•d`&cā[}•AšA,^^å^åÈ

9ggYbhjU`hfUWcf`7,cbhfc`g.

- ‴ Š[&æer^Áo@∘Áã*@Á&[}d[|Á,ãa&@A
- ‴Š[&ææ^Áo@^Ár}*ā]^Á @o4[,~Á&[}d[|ÈÁ
- ‴Š[&æer^Áo@Aà¦æè^Á}^忆•Áæ)åÁo@Á&|ĭo&@ÆÁ
- ‴Š[&æe¢Ác@°ÁÚVUÁ&[}d[|ÈÁ
- ‴Š[&æer^Ác@∘Á+HË][∄]oÁ@ãa&@Á&[}d[|Á(^ç^¦È
- ‴Š[&æe¢Áo@Á@妿ĕ|ã&Á^{ [c^Á&[}d[|Á^ç^¦∙È

6 YZcfY`glUfh]b[`h Y`lfUWcf`Ybgi fY`h Y`Zc``ck]b[.``

- ‴Ô[}å`&oÁse|Á,¦^İ=`cæoÁ,]^¦æaā[}Á\$j•]^&cā]}ÁsejåÁ<^¦çã&^Áse&&[¦åā]*Á\$[Ás@^Ás!æ&d[¦Á;]^¦æa[¦q+Á;æ)`æ|H
- ‴ Tæ\^Á`¦^Áæ|Á``æ\å•ĒA @A\|å•ĒAsē) å/į c@\'Áæ^ĉ Ás^ça&^•Áx4^&`¦^|^Áş, Á|æ&^È
- ‴ V@^Ájæa¦ðj*Ási¦æa¦^ÁsarÁj}ÈÁ
- ‴ V@^ÁÚVUÁ&[}d[|Á(^ç^ÌÁáāA&ãa^}*æ*^àĎA
- ‴ V@?Á+HË,[ā);cÁ@aa&@Ás[}d[|Ár¢r\Áa;Ás);Ác@?Á[,^¦^åAj[●ãaā]}È
- ‴ V@^Á@^妿ĕ|a&Á^{[c^Á&]}d[|Á^ç^¦∙Áæ4^Á§iÁ∞@Aj^`dæ4Áj[•ãaa]}È
- ‴ V@^Átæ&q[¦Átæ)•{ã•ã]}Á^ç^¦•Áæh^ÁşA)æ¦\Á;¦Á^`dæ†Ä

Ü^-^\Á[Á@At\a&d[\Á]_}^\qÁ[aa)`adÁ[\Át\a&d[\Á aded]*Á].[&^a`\^•ÈÁU}\^A aded@At\a&d[\Á_@A^A^ae^aAba)å à^|c^åAşAc@At\a&d[\Á]_\a@[\qÁ^aded^\A`a=bAp^ç^\Ás`]ae•Ác@At}}āaā[}Á_āa&@ás^Á@[k%ä&`äa3*Ác@A aded\Á[|^}[äaÈ

CEe^\\Ác@^Áclæsko[\Á^}*ā]^ÁšērÁ`}}ā]*É£eeç[ãåÁæs&ãå^}cæ4Á8[}ææ6Á,ão@Ác@Aclæsko[\Áclæsko[\Áclæsko[\Áclæsko[\Áclæsko[\Áclæsko[\Áclæsko[\Áclæsko[\Áclæsko[\Áclæsko[\Áclæsko[\Áclæsko[\Áclæsko[\Áclæsko[\Aclæsko[\Aclæsko]* æ)åÁ}^¢]^&e^åAclæsko[\Ácl@c^{ ^}c#ÁcDPS-U-0028 CD9F5H+CB

Ù@ÒÁÜUVŒÜŸ

U]^¦æaāį}ÂÛ^&cāį}ÁHË

▲ DANGER Þ^ç^¦A`}Ac@ A/¦æ&q[¦A^}*ā]^AājAæ4&|[•^åAà`ājåā]*A[¦A]āc@[`oAæå^``æe^Aç^}cājæeāj}EA/@ ^¢@eĕ•oÁ`{ ^•Á&ajÁà^Á@ee ælå[`•Áq[`¦Á@ ædc@eÁçiő⊞-D



لَحَعَةُ لَعَهُ عَمَّهُ الْمُرَا الْمَعَةُ الْمُعَةُ مُعَةً مُعَهُ الْمُرَا [] / إلْمُ الْمُرَا يَحْفَظُ لَعُمُ d حَقَيْ إِنْمَا الْمَعَةُ الْمُحَافِ الْمُعَامِ الْمُعَامِ الْمُعَامِ الْمُعَامِ الْمُعَامِ الْمُعَامِ الْمُعَا d حَقَقُ مَعْلَمُ اللَّهِ مَعْمَلَهُ مَعْمَلَهُ مَعْمَلَهُ اللَّهُ مَعْمَلُ اللَّهُ مُعْمَلًا اللَّعَ مَعْمَلًا d حَقَقُ مَعْلَمُ اللَّهُ مَعْمَلُهُ اللَّهُ مَعْمَلَهُ مَعْمَلًا اللَّهُ مُعْمَلًا اللَّعَامِ اللَّعَامِ الْمُ



<u>*"7CBB97H=B;"H<9`ACK9F`HC`H<9`HF57HCF</u>

W•^Áv¢d^{ ^Á&æč qā[}Á,@}Á&[}}^&qa]*Áv@A([,^\Át[Áv@Át]æ&q[¦ĚÁV@A([,^\Át@,č]åÁa^Át^&`¦^|^Á^•qa]*Áæc *'[`}åÁ^ç^|Át¦Á^cqa]*Át]Áa|[&\•ÈÁS^^]Á@a)å•Áa)åÁ^^cÁ'[{ Á}å^\Át@A([,^\Áta&Ak)Åa)åÁ&|^æA(,Ajā)&@A[[ā]o à^ç ^^}Áv@Át]æ&q[¦Á@a&@æd{ •Áa)åÁt[,^\Átā]•ĚÁOPS-R-0001

<u>*'%7cbbYWF]b['AckYf'<mXfUi`]Wg</u>`

Ctccæ&@kc@AFÄAP[•^•A¦{ { Ac@AC}æ&^AXækç^A{[Ac@ @妿`|&&A[[d];A]}Ac@AÜ[cæ}^AP^æåEAQÜ^--^¦A{[:][ifY`Cdg!%&)&DEAÛ^&`¦^Ac@A@{•^Ar}^^ç^•A[} ^æ&@A@{•^A;ãc@A;]Az®•A[}As[c@A}å•EOPS-R-0104



AWARNING

Ctç[ãåA&[}cæ&oA,ãc@A@[oA*`|-æ&^•AB,&|`åā]*A@[ålæĕ|ã&A[āAæa}\•EB]`{]•E4[[d[!+E4çædç^•Aæ)å @[•^Á&[}}^&cā]}•EÁÜ/|ā²ç^Á@[ålæĕ]ã&Á]!^••`'|^Áa^-{|'^Áj^!-{|{ā]*Á[æaB]c^}aa}&^Á[!Á^]æaB+È W•^Á*[[ç^•Áæa]åÁ^^^Á]![c^&cā]}Á_@}Á^!çã&ā]*Á@[cÁ8[{][}^}oEÉÁÔ[}cæ&oÁ,ãc@Áæá@[cÁ*`|-æ&^ [!Á|ĭãåÁ&æa}Á&æĕ•^Á<^!a[`•Áa]b`!^Á¦[{Áa`}}+Á[kaædåā]*EÁ4;o±=D

Ù@ÒÁÜU VŒÜŸ

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 Ö[Á,[ơh,]^!æe^há@á hÔč * 引] { ^} 4 ão 4 ão 4 ão 4 ão 4 ão 4 hão 4

+"DF9!CD9F5H=CB"=BGD97H=CB"5B8 G9FJ=79

 LO^ ¦āj åð&æd¦^ABj•]^&oAæd¦A[[çā]*A],ædor A[¦A], ^ædAæd; åA^] |æ&A, @} A&••æd^Á,ão@keĕ o@ ¦ã ^åA^;çã&^Áj,ædor Ě&S[[\Á[¦Á[[•^Áæe c}]^'+ĒÁ,[¦} [¦Áa;|[\^}Á],ædor ÉAæd; åÁ^æd; Â[¦Á][[•^Áãæā]*•ĚÁT æd ^Á*`¦^Áæd|Ájā]•Á@æç^ aϾ&@3]*Á@edå,æ^Ě&U^¦ā]*•ÁBjb`¦^Á(æá,Á,&&`¦Á+[{ Á,[oÁ;æaBjcæaBjā]*Ás@æ { æ&@3]^ÁBjÁ*[[åÁ,[¦\ā]*Á[¦å^!ĚÁ¢jö⊞=:œo

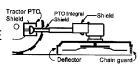
 MANGER
 الإلى العمد في المحمد في ال

Ù@ÒÁIJU VŒIJŸ

AWARNING

U]^¦æaāį}ÂÛ^&cāį}Á+ËJ



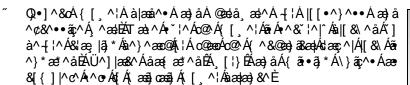




<u>+'%HfUWfcf`DfY!CdYfUhjcb`=bgdYWhjcb#GYfj]WY</u>

Ü^_^\Á[Á@^Ád;æ&d[¦Á]]^¦æa[¦qrÁ(æ)`æ‡Á[Á^}•`'\^Áæ &[{]|^c^Á, |^Ė[]^\;æaā[}Á5]•]^&cā[}Åæ)åÁ*&@*å`|^å •^\çã&^ÁārÁ]^\-[\{ ^åÁæ&&{['å]}*Á[Ác@^ { æ)`~æ&c`|^\•Á^&[{ { ^}åææaā[}•ÈÁ\/@`Á[||[,]]* æ^Aá[{ ^A(,-Ás@Aãc^{ * As@æaA^~``ã^A&aæaā^Á^\;çã&^Áæ)å 3]•]^&cā[}K

- ĺ Vãl^Á&[}åãããį}ĐæãiÁj¦^∙∙`¦^
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- ´` Ò}*ā]^Á(ā)Á^ç^|Áæ);åÁ&[}åããā[}
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NOTE: The mower Operator's Manual and affixed Decals contain important instructions on the safe and proper use of the mower. Maintain these important safety features on the mower in good condition to ensure the information is available to the operator at all times.

ØUCE OACEJUOT OSY

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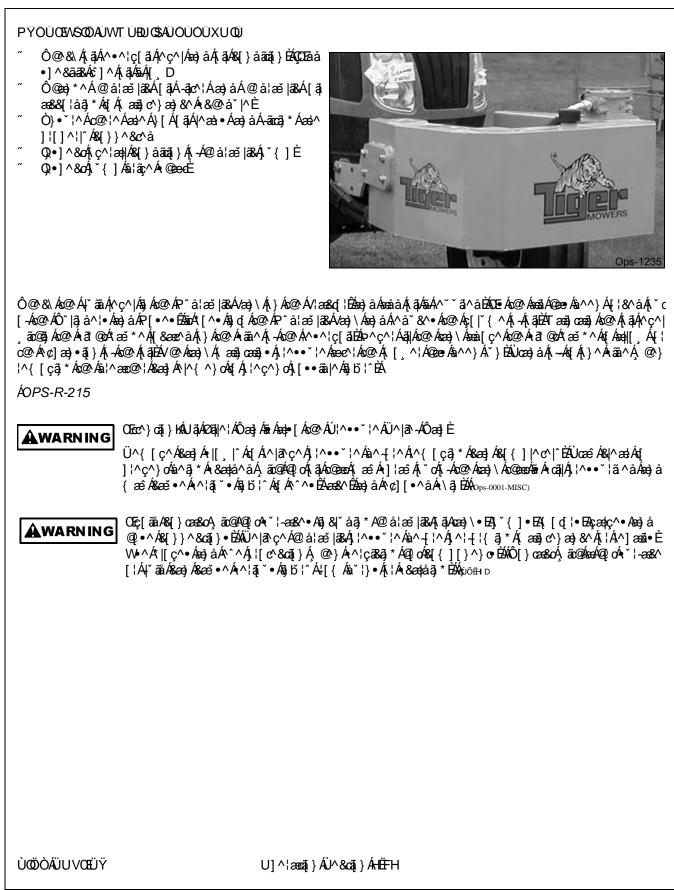






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AWARNING

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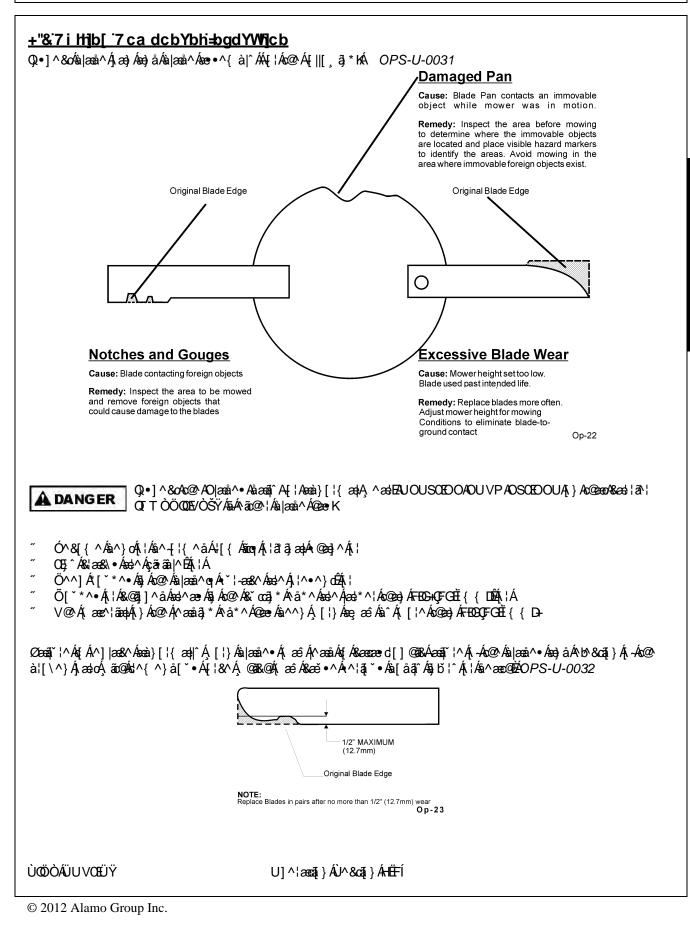
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Excessive Blade Bolt Wear

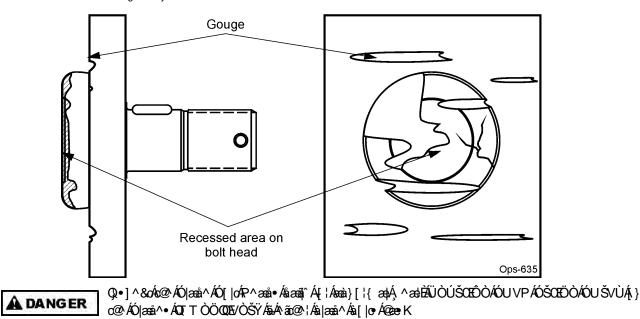
Cause: Blade Bolt contacts a foreign or solid object while Blade is in motion.

Remedy: Inspect the area before mowing to determine where the foreign objects are located and place visible hazard markers to identify the areas where immovable foreign objects exist, and avoid hitting the objects.

Notches and Gouges

Cause: Blade Bolt contacting foreign objects.

Remedy: Inspect area to be mowed and remove foreign objects that could cause damage to the blade bolt.



- ‴Xãrãa|^Á&¦æ&∖∙Á(¦Á
- ‴ QÁc@ Á^&^∙•^åÁcd^æA,} Áà|æå^Áà[|c/áarÁ,[¦}A,~Á,¦Á
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Ŭ@ÔÁÜU VŒÜŸ

Tractor PRE-OPERATION Inspection



Mower ID#_____

Date:

Make _____

____ Shift _____

6 YZcfY WcbXi Wijb['h Y]bgdYWijcbža U_Y gi fY h Y hfUWicf Yb[]bY]g cZZ U``fcHuijcb AWARNING \UgʻghcddYX'UbX'h\Y'hfUWrcf`]g`]b`dUf_'k]h\'h\Y`dUf_]b[`VfU_Y`Yb[U[YX''AU_Y`gifY h\Y`ackYf`]g`fYgh]b[`cb`h\Y`[fcibX`cf`gYWifY`m'V`cW_YX`id`UbX`U``\mXfUi`]W dfYggi fY`\ Ug`VYYb`fY`]Yj YX"

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

<u>V@āÁQ•]^&dā}}ÁZ[:{Á; æ`Áà^Á;^^|^Áå`]|3&æe^åÁ;¦Á*¢dæÁ§[]ã*•È</u>

Ù@̈́ÒÁ̈́UVŒÜŸ

U]^¦æaā[}ÂÛ^&cā[}ÅHËFÏ

Side Rotary Mower PRE-OPERATION Ins	spection
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Mower ID#_____ Make _____



Shift _

AWARNING

6 YZcfY WcbXi Wijb['h Y]bgdYWijcbža U_Y gi fY h Y hfUWicf Yb[]bY]g cZZ U``fcHUijcb \UgʻghcddYX`UbX`h\Y`hfUWrcf`]g`]b`dUf_`k]h\`h\Y`dUf_]b[`VfU_Y`Yb[U[YX"AU_Y`gifY h\Y`ackYf`]g`fYgh]b[`cb`h\Y`[fcibX`cf`gYWffY`m'V`cW_YX`id`UbX`U``\mXfUi`]W dfYggi fY`\ Ug`VYYb`fY`]Yj YX"

Table 1:

Item	Condition at Start of Shift	Specific Comments if not O.K.
The Operator's Manual is in the tractor		
All safety decals are in place and legible		
The hydraulic cylinders pins are tight		
There are no leaking or damaged hoses		
The mower deck is clear of cut grass and debris		
Chain guards/deflectors are in place & in good		
Blade carrier retaining nut is tight		
Blades are not chipped, cracked or bent		
Blade bolts are tight		
Wheel lug nuts are tight		
Transport locks are in good condition		

Operator's Signature:

DO NOT OPERATE an UNSAFE TRACTOR or MOWER

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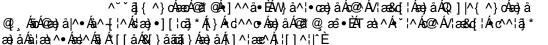
DRIVING THE TRACTOR AND IMPLEMENT

Ùæ^Átæst[¦Átæ)•][¦dÁ^˘ă^•Á@Ą́]^¦æt[¦Á][••^••ÁœÁ@Q¦[č*@Á}[,]|^å*^Ą́, Ás@Á[[å^|Áa^ā]*Ą́]^¦æt^å/ág}å]¦^&æčqī}•Át[Áæa^Á, @ap^As¦āçā]*Á, ãt@ásej Áseccæs@å/át[]|^{ ^}dŽÓ}•`¦^Ás@Átæstd[¦Áœe Ás@Ásæa]æstäĉÁt[Áœa)å|^Ás@ ^ã @Aj, Ás@Át[]|^{ ^}ofsej å/ás@Átæstd[¦Á]^¦æstā]*Ás[}d[]|^{ Aj dŽÓ}•`¦^Ás@Átæ}^[[¦Átæ^Átæ]][¦dŽÁv[Á'}•`¦^Átæ^ĉÁ]@aj^ å¦āçā]*Ás@Átæstd[¦Áj ãt@ásej Áseccæst@å/át[]|^{ ^}dŽÁvçã], Ás@Át[][,ā]*ĎÁVPS-U-0012

ADANGER

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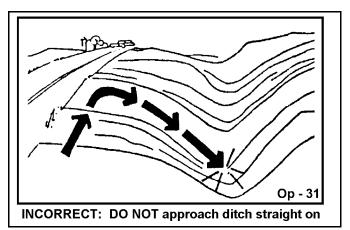
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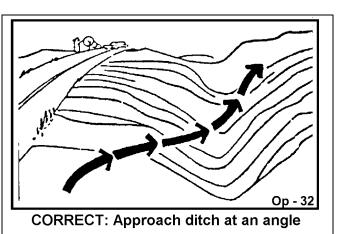


Ŭ@ŎŔIJU VŒIJŸ

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 $\begin{array}{c} Y @ \} & A \\ 1 & A \\ 2



<u>"CD9F5H=B; H<9HF57HCF5B8=AD@A9BH</u>

H<9`CD9F5HCF`AIGH'7CAD@9H9@MIIB89FGH5B8`<CK`HC`CD9F5H9`H<9`HF57HCF`5B8 =AD@9A9BH'5B8`5@@7CBHFC@G`69:CF9`5HH9ADH=B;`HC`CD9F5H9''Á\@`Á;]^\æ{[\´A;`•o´A\^æå\&a}å `}å^\•œa}åÁ@^ÂUæ^c`Áæ}åÁU]^\æaj\ÂU^&aj}•Á;~Á@^Ái[]|^{{^}ofe}åÁtæ&d[\A;]^\æt[\`A;`*o`A^^&åAu}&=` {æ}`憕Á;`*o`Aa^A^æåAe}åÁv¢]|æij^åÁv[Aej^A;]^\æt[\´A;@^Áaj}[O`A^@å`BÅb>^c^\Ae#[[, Á[{^[}^At[A;]^\ætA@ a[]|^{^}ofe}åÅtæ&d[\A;ã@Q``O`&[{]|^c^A;]^\æta]*Áj•d`&aj}+È



Ŭ@ŎŔIJU VŒIJŸ

U]^¦æcāį}ÂÛ^&cāį}ÁHËGG

AWARNING

<u>. '%: cfY][b`8 YVf]g`< UnUfXg</u>



CD9F5H+CB

FYa cjY: cfY][b'AUhYf]U

Ot, æê•Á, ^æłÁ[`¦Á^æłà^|ó4^&`|^/Áæ•c}}å&; [}|^Á,]^!æ^Ác@Á!æ&d; !Áæ}åÁ([,^!Á;ão@ác@ÁÜUUÚÙ äj Ác@Áæa*^åÅ,[•ãa]; ÈÁGAc@Á!æ&d; !Á;!Á; [,^!Á@a•Áæ d^^Ácč{]ÊA[&\ÊA;!Áa`{]Ê£æÁ`åå^}Á,[ç^{{}}c &[`|åÁc@[, Á[`Á;~Á;~Ác@Á*^æe&æ)åÁ`}å^!Ác@ dæ&d; !ÁæjåtD;!Á; [,^!ÉV@Á*^æe&a`A*^|óÆiA[`!Áa^•c]![c*&ca]}Á![{ Áæ}]a; Á;~Ác@Á!æ&d;!Áæ}åAc@ÁÜUÚÙ]![çãa^•Á]:[c*&ca]}Á![{ Áa^]; Á&`•@åÅa`!a]; Áæ dæ&d; !Á[]|É;c^!È OPS-R-208



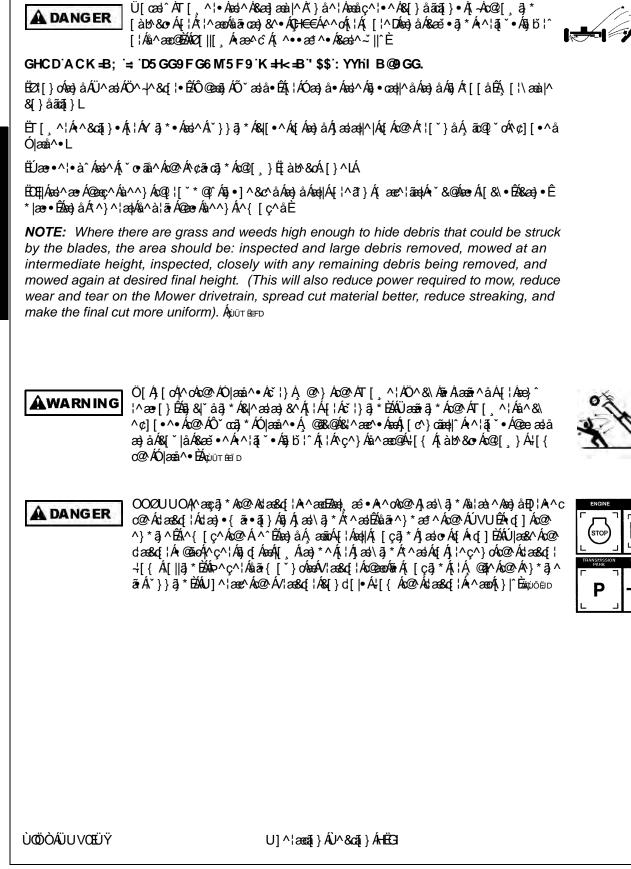
FU]gY`Ack Yf`cj Yf`gc`]X`cV^YWg

<u>, "&`6 mgHJbXYfg#DUggYfgVmDfYWUihjcbg</u>

QÁseká^•œa)å^¦A&[{ ^•Á,ão@3,Á+l€€Á^^cA,Ás@ Ástæsko[¦Á,@3p^Ás@ Á,[,^¦Ástás^ā,*á]*á,]^¦æe^åÉáq[]Ás@ Ástæsko[¦Ásea4,}&^Ê •q[]Ás@ Á,[, ^¦Áse}åÁsã|^Ás@ Ástæsko[¦Á?*3]^ĚÁÖ[Á,[cÁ?}*æ*^Ás@ Á,[, ^¦Ást≉æ3,Á}cājÁsej|Ás^•œa)å^¦•Áse^Á,^||Á,æec c@ Ást€€Á[[c4stãrœa)&^ÈÁOPS-*R-209*

Ŭ@ÔÁÜU VŒÜŸ

U]^¦æaāj} ÅÛ^&cāj} ÅHËGH



Ð.

·(P)

STOP -

<u>,"`; fcibX`GdYYX</u>

Õ¦[`}åÁ;]^^åÁ;ækæ&@@rç^åÁ;átæ)•{ã•ā;}Á*^ækA^|^&@a;}AæjåA;[óÁ;^á;@A;A;]^A;a@a;A;]^A;#a;A;]^\aæa;*Á;]^^åÈÁV@ []^¦æq[¦Á;æâÁ;^Á^``ã^åÁ;[Á*¢]^¦ã;^}oÁ;ão@A^ç^¦ækA*^æAáAæ)*^Ás[{à3;ææā;}•Á;[Á**^c*\{ ā}^Ás@A**oA*^æAæjå ¦æ)*^Á;@a&@á;![çãa^•Ás@A;[•oÁsa*A;A'\-{;{ æ}&^Á{[}^As*ca3;*Ás[}}a •^ç^¦ãčA;~As*ca3;*Ás[}åãa;}•Á3;&i^æ^Ê5c@A*![`}åÁ;]^^åÁ;@?`|åÁa^&s^&a*aAa^Á^|^&ca3;*ÁæA;],^!A*aæA; {æ3;cæ3;Ás@A;![]^!Á]^^åĚAOPS-R-210

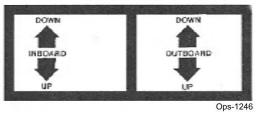


ADANGER

U]^\æ&A@A/\æ&q[\&a}åtD\AQ]|^{ ^} 0&[}d[|•A[\^] A@A~A;[]^\|^A^æ^å/&J,A@A/\æ&q[\A^æ jã@A@A^a^æAa^joA*^&`\^|^Áæ*c\}^åÁæ{[`}åÁ?[`ÈÁÁQæåç^\c^}oAjoA([ç^{ ^} 0A[\&A@A/\æ&q[\A] Q]|^{ ^} 0A(\&a á&e ^A^{1}{a}` • AJb`A^{1}{a}` • AJb`A^{1}{A} & @ØÅA; D`B

<u>- "CdYfUhjb[`h\Y7cblfc``JUjYg'!`G]XY`Acibh</u>

ÚUÙQYQUÞÁÔUÞVÜUŠÁXOBŠXÒÁEÁV@ÁXæqç^ÁasÁ[&æær°åÁq[&æær°åÁq[Ác@Á⮿Á,≦Ác@Áq]^¦æq[¦Áæe∕Áæk[}ç^}ār}óA@⮿áq]}áæ }[}BiææàÁ;}ādEÁV@ÁXæqç^ÁasÁq[&æer°åÁa^@3}åÁc@Á^æåÅjå[,ÁsjÁæé&æàÁ;æ&q[¦EÁ4V@Áxæqç^Áq]^¦ææqĨ}Ág|æer^Áas |[&æer°åÁq;}ás@Á^}å^¦Áq[¦Áç]}BiææàÁ;}ãorÁæjåÁq;}ác@Áq,ãa&@a[¢Áq|¦Á&æàÁ;ãorÈ



ACK9F[·]J5@J9[·]CD9F5H=CB

Ù@ÒÁÜU VŒÜŸ

U]^¦æaāį}ÂÛ^&cāį}Á+ËGÍ

<u>ACK9F @= H</u>

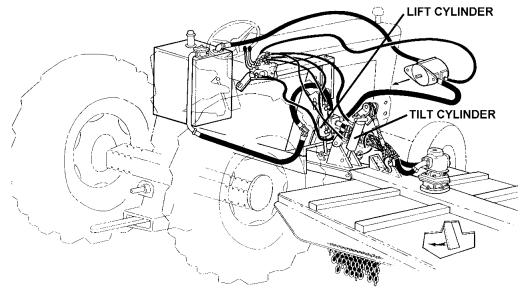
V@:Á@ea)å|^Á,^æ/^•ók@:Á&^}c^¦Á;~Áx@:Át;æ&q[¦Ébæ&c`æ?^•Áx@:ÁŠãaÁÔ^|ā]å^¦ÁÇQ;à[æåDÈ

$$\begin{split} & U^{*} ||\mathbf{\hat{g}} * \mathbf{\hat{A}} \otimes \mathbf{\hat{A}}_{\mathbf{c}} a_{\mathbf{c}}^{A} \mathbf{\hat{A}}_{\mathbf{c}} a_{\mathbf{c}}$$

$$\begin{split} & \dot{U} \cdot (\mathbf{a}) * \mathbf{A} \otimes \mathbf{A}_{\mathbf{c}} \\ & \dot{\mathbf{A}}_{\mathbf{c}} + \mathbf{A} \otimes \mathbf{A} \otimes \mathbf{A}_{\mathbf{c}} \\ & \dot{\mathbf{A}}_{\mathbf{c}} + \mathbf{A} \otimes \mathbf{A} \otimes \mathbf{A}_{\mathbf{c}} \\ & \dot{\mathbf{A}}_{\mathbf{c}} + \mathbf{A} \otimes \mathbf{A} \otimes \mathbf{A} \\ & \dot{\mathbf{A}}_{\mathbf{c}} + \mathbf{A} \otimes \mathbf{A} \otimes \mathbf{A} \\ & \dot{\mathbf{A}}_{\mathbf{c}} + \mathbf{A} \otimes \mathbf{A} \otimes \mathbf{A} \\ & \dot{\mathbf{A}}_{\mathbf{c}} + \mathbf{A} \otimes \mathbf{A} \otimes \mathbf{A} \\ & \dot{\mathbf{A}}_{\mathbf{c}} + \mathbf{A} \otimes \mathbf{A} \otimes \mathbf{A} \\ & \dot{\mathbf{A}}_{\mathbf{c}} + \mathbf{A} \otimes \mathbf{A} \otimes \mathbf{A} \\ & \dot{\mathbf{A}}_{\mathbf{c}} + \mathbf{A} \otimes \mathbf{$$

<u>ACK9F`H⊫@</u>el

V@Á@aa)å|^Á*¦c@•oka[Ás@ÁsA}&^}๙¦Á[Ás@Áslæ&d[¦Éabe&c`æe^•Ás@Á/ājoAÔ^|ājå^¦ÁQU`cà[æå1DÈ Úٽ||āj*Ás@Áşæaç^Á@aa)å|^Áslæ&\Éak[,æååÁs@Á;]^¦æe[¦ÉaSeæč•^•Ás@Á/ājoAÔ^|ājå^¦Ák[Áæaā*^Ás@ÁT[,^\¦ÁP^æåÈ QAS@A@aa)å|^ÁaēÁ^|^æe^åÉas@Áşæaçç^Á;ā||Ásečd[{æa5a8æa||ˆÁ^č¦}Ák[ÁsA}&\As@Á/ājoAÔ^|ājå^¦Ák[Á[,^¦Ás@ÁT[,^\¦Ás@ÁT[, Úٽ•@aj*Ás@Áşæaç¢^Á@aa)å|^Ák[¦,æååÉaseçæ6Á+[{Ás@Á;]^¦æe[¦ÉaSeæč•^•Ás@Á/ājoAÔ^|ājå^¦Ák[Á[,^¦Ás@ÁT[,^\Ás@ÁT[,



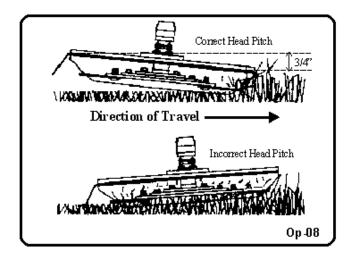
Op-206

<958[·]D+17<

Q&[¦¦^&oA@æåÅjã&@ÁæjåÐp¦Áæ¢ã}{ ^}oÁ&æjÁ&æě •^Áj[[¦Á&čœãj*Áj^¦+[¦{æj&^Á§jÁãã^^Á[œé^Á;[,^¦•È P^æåÁÚã&@Áæ∱á^-āj^åÁæe Ás@Á^jæãã}•@3jÁ;Ás@Á'[}oÁjÁ®A^{[,^k@Á'[, ^¦Á[Ás@Á\a±Á;Ás@Á'[, ^¦É&æ Áçã`, ^åÁ'[{Ás@ •ãå^ÈÁ/@Á\a*•ã^åÁ@æåÅjã&@Á{¦Ás@Aûãå^ÁÜ[œá^Á{[,^¦•ÁæĂ{[¦Ás@Á\a±Å*A&æÁœÁ{[}}oÁ;Ás@Á`[, ^¦Á[Áa^ à^ç ^^}Á+DDÄ&ejåÁFÄA[, ^¦Ás@æjÁs@Á\a±ÅsæÁs@Á^æÈ

Ù@ÒÁIJU VŒÜŸ

U]^¦æaā[}ÂÛ^&cā[}ÅHËGÎ



<u>A95GIF9A9BHC: <958 D+17<</u>

- FÈ ÔW ÁT UY ÒÜÁJ Ø ØÁ OEÐ ÖÁ OEЊŠUY Á ÓŠOEÐ ÒÙÁ / U Á ÚV U Ú Á ÚV OE/ OÐ Õ

- IÈ Ù{[]Á^}*ậ,^È
- ÍÈÚ[•ãā]}Áa¦æå^•Áq], æbåA;{]}óAæ)åÁ'^æbĚT^æ*`¦^Ác@Áåãææ)&^Á;[{Ác@Áa]æå^4Åa]æå^Ádā]•Áq[Ác@A *¦[`}åÊÅjã@Ác@Áa]æå^•Á@æ)*ā]*ÁçæA^•ODĚW•Ác;[Á,^[]}^Áţ[Á,^æ*`¦^ĚÞ[;{æ4Åa;ãe⁄[.4c@Á&;[ā]a^!•Á;[ā] &æč•^Áājæ&&`;æ*Áţ^æ*`;^{ ^}o^ÉáAc@Á;[}óÆ)åÅ^æ/Å[]óÆ; *A`@ÉCUÁPUVÁOEŠŠUY ODEUVPÒÜÁUÒÜÙUÞÁ/UÁJÚÒÜOEVÒÁ/PÒÁÔUÞVÜUŠÙÁY POŠÒÁT ÒOEÙWÜÒT ÒÞVÙÁOEÜÒÁÓÒOÞÕÁ/OESÒÞÈ
- ÎÈ Ó^}ó/ái|æå^•É/áiæ•É/Áiæ}•É/Áiæ}•É/Ái¦Á/[[•^Á/ái[/orÁ;ā/lÁiæa^A/ái^æ•`¦^{ ^}orÁ`•^|^••È

5 @; BA9BH

P^zååÁstefā}{ ^}ofāi Áša^zāj^åÁser Ás@Á^|zezāj}•@3jÁjÁs@Ása>c'|āj^ÁjÁs@Ási[__^¦Ás@Ása}c'|āj^ÁjÁs@Ásizestof; HÉV@ å^•ā/^åÁstefā}{ ^}ofāi Ás@ezás@Ása}c';|āj^•ÁjÁs@Ásizestof; kasjåÁsi[__^¦Ásd^Ájzestef]/[ÁsiAs@Áso@kask]c@¦È

Tãædðā}{^}óKs[}dāðict+Át[Ákud^æðiði+Átůi^Átý Átý Átó@A\ãàÁ@ţ^Ádæðiði*ÁtæðiðiaðiAdðiðiÁtæt+Átikæ•A(Ataðiðiát)^å *¦æ•ÁtāÁt[{^cāti^+Át[c4]38\^åÁ]Áti^Ác@A([,^¦Át}Ati`à•^``^}c4]æ•^+ÈATãædði}{^}c4s(+)c4dðict+Át[Ati]Ati ^¢&^••ãç^Át][,^¦Ás[}•`{]cðt}Ati^Ac@Át[,^\¦Áti`à•Ai`Ato AtaðiAtiÁtasAt[Át@ÁtiæsAt[Ato@ÁtiæsAt[]È

ŬØÖÁÜU VOEÜŸ

U]^¦æeaji}ÂÛ^&caji}ÂĤËGÏ

à ĐĂÚ*{]ÁārÁ; æàāj*Á,[ãr^ÁEX&@r&\Á;¦Á;à•d*&cāj}Á5jÁ*&cāj}Á6Q;•^ÁsajåÁsæj\Á*&cāj}Ásæ•^{{à|^ÊX&@r&\Ásajä}}{?}{^}cA;~

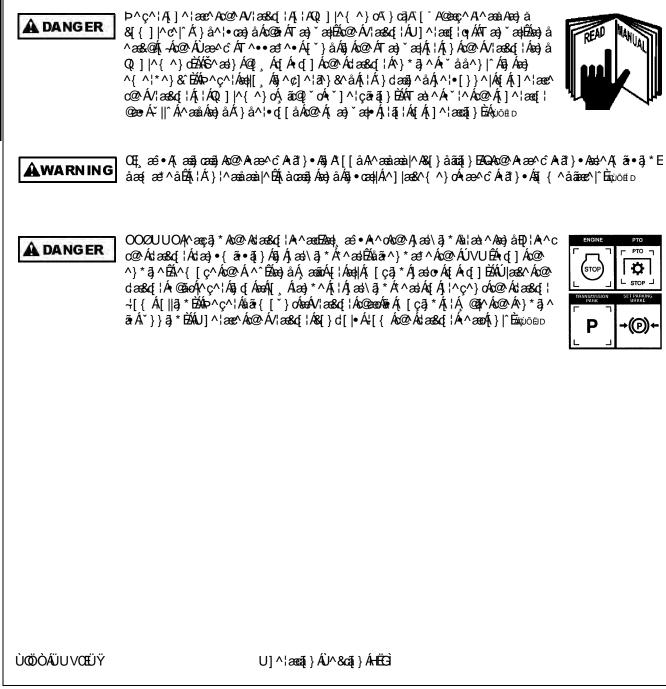
æbŽÒ|^&d;a8ækÁ[|^}[;aã,Áçækç^Á&[^•Á,[oÁ,[¦\AË&@&&Á,ã;ą] *ÊÅ,[••ãa|^Áæĕ|c`Á,ãa&@Ã,[••ãa|^Áæĕ|c`Á[|^}[;ãaÈ

& 220^|3jå^\+^ýäjlÁ,[cÁæaā^A22202;•^•Á\[{ Á&^|3jå^\/Ásj&[\\^&cf^á&[}}^&cc^åAt[Áşætç^Áaæ)\É5,`{]Á,[cÁ`]]|3j*Á;3‡È å 220^|3jå^\Aæaā^•Á+|[, |^A22202;•^•Á\[{ Á&^|3jå^\Asj&[\\^&cf^á&]}^&cc^åAt[Áşætç^Áaæ}\E5,[\\Á][\cá^|3*•Á;3}Áşætç^

^ÈÁØ∄@~¦Á^æå●Á§IÁ^å/Æk;ã*&{●ãĉÁ;-Á;ã¦Át;[Á@ã*@ÁÉ4;æãāÁ;}œãjÁ;ã‡Á@?æa®Á`]Ás\^-{¦^Á&@&&\ā;*Áã;dc/¦Á*æ**^ÈÁQÁ*æ**^

- "%6 Uq1WHfci V`Yq\ cchib['; i 1XY'Zcf': 1fqhiGhUfHi d"

¦^æå●Á§iÁ^åÁ^ç^}Áæec^¦Á`}ãxÁsiÁ@idÉko@}}Áãjc^¦Áič•óAsi^Á^]|æ&^åÈ



] `{] Áå¦ãç^∙@æedÈ

àæ)\Á\^oÁ{[[Á{[,ÁËÁ^]|æ&^Áæ•Á^˘˘ã^åÈ

- "&7 cb/fc``@cWUhjcb'UbX': i bWhjcbg

V@Ááãa^Á;[,^¦Á@ãt@Á¥arÁ&[}d[||^åÁjão@Áæká;[Á;¦Ác@^^Á;][[|Áçæqç^Áæjå/¥arÁ&[[¦åājæeråÁærÁ*Q;]}Áà^|[;ÈÁ/@ []cā;}æµÁc@^^Á;][[|Áçæqç^Áæψ|[,●Á[¦Ác@A;]^¦ææð;ÁjA;ææáA^æáA?æbA[cæð^Á;[,^¦Á;¦Áaãa^Áåãa&@¦ÈGA⁄s@Á}ãA¥arÁ``ā]]^å ;ãc@Áæác@^^Á;][[|Áçæqç^É&a[Á;[c4;]^¦æerÁc@Ác@áåÁ;][[|Á@æyå|^Á;}/•●ÁæA/>æbA[cæð^Á;læðafk[cæð^Á;lÁsãa&@¦ÁarÁ;[`}c*åÈ



Ops-1246

V@Á^ælÁ, [, ^¦Á@ at @ÁsiÁ&[}d[||^åÁ, át@ka@ÁrHÉj[ā) cÁ@an&@A&[}d[|Á^ç^¦ÈAZ[||[, Ás@Ási+d`&ca[}+Á[¦Ás@arÁ&[}d[|Ási c@Ádæ&d[¦Á]^¦æa[¦qnÁ;æa]`æHÉV@ÁsajóA, Ás@Á^ælÁ, [, ^¦ÁsiÁ&[}d[||^åÁ, át@Ás@ásáÁ][[|Á; Ás@Ájaókçælç^Éabe)åÁsi &[[¦åā]æz∿åÁseÁ@[, }ÁsiÁ][ifYCdg!%&(*"

V@ Á ãa^Áæ) å Á^æ;Á[, ^¦Á[•ãaā] •Á; æ`Á] cā[}æ)|^Áa^Á&[}d[||^åÅ;ãc@ko@ Áslæ&d[¦q Á^{ [c^Á@ 妿`|ã&A&[}}^&caā] • [¦ÁæA&[{ à ājæaā]}Á;ÁāaAşæ;ç^Áæ) å Á^{ [c^Á@ 妿`|ã&•ÈKeA*[Ē&s^c^¦{ āj^Á} @3&@A;[•ãaā]}Á;Áœ@ Á ãa^Á;¦Á^æ;Á;[,^¦Ás d[Ás^Á&[}d[||^å/ás`Á*æ&@Á^{ [c^Árç^¦È

V@ērÁ,æ&@g)^Á,æéÅa^Ár˘ča]]^åÁ,ão@ÁaojÁeč¢añaæá^Á,āļÁe?{]^¦æč¦^Áræč*^É&æjÁe4;]Áræč*^Á,¦Á,ājÁ,¦^••č¦^Áræč*^Ě&Q [ājÁe^{]^¦æč¦^Á^æ&@•ÁQ€€≫ÁQÊ4;4[]Á;[,^¦•Áæ)åÁr^^ÁHfciV`Yg\cch]b[`GYWH]cbÁ{[¦Á;[••ãa|^Á&æč•^•È&S^^] æ)åÁ^^^Á;}Áæ|Áræč*^•Á{[¦Ás]åã8ææāj}∱á,-Á;¦[à|^{{•È

Ù@ÒÁIJU VŒÜŸ

U]^¦æqā[}ÂÛ^&cā[}ÅHËGJ

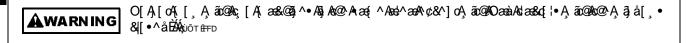
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W}å^¦Á&^¦œæjÁ&[}åãa‡] • ÉÅt¦æ&d{ ¦Áaå^• Á{ æ Â[||Á+[{ ^Åt¦æ • ^ • Åå[] }Å, '<ç^}@j * Á∞@ { Á+[{ Åà^∄ * Á&` óÁæzÁc@ • æ{ ^Á@ ∄ @óÅæ Ác@ Á` ¦|[`}å∄ * Áæ' æĚÁY @} Ác@á Á;&&` ¦• ÉÅ\å`&^Ác@ Át¦æ&d[¦Át¦[`}åÁ] ^^åÅ, @≱^Á(æ∄ œæj}∄ * c@ Á[]^¦ææ] * Á] ^^åA[^^åA[_Åc@ Á[_ ^ |ĚÁDEÁ|[_ ^ ¦Át|[`}åÁ] ^^åÁ] Å^åÁ äl/Å, '{ ãÆ ¦æ • ^• Á{ ÁœzÁ\æe o∱,æčæ¢(ÅA à[`}åÆ) å à^Á&`dĚÁ/æ ∄ * Áæ∱,ædïæ¢Æ óÆ) åÐ ¦Á^ç^¦•∄ * Ác@ Áåå ^&cã} }Á; a€ Áæ¢ [Á@]] Á, '[å` &^Áæ€ (A æ Aæ€ Aæ€ Aæ€ Aæ à ^Æ`dÉÁ/æ ∄ * Áæ∱,ædïæ¢Æ oÆ) åÐ ¦Á^ç^¦•∄ * Ác@ Áåå ^&cã} }A

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Ŷ@}Â[œæā;*Á;ædorÁæd^ÁşiÁ;[cáī;}ÊA:\faī`•ÁşiϦ^Á;æĉá;&&či,&ázášæčaī;}ÆsiÁ;[cá`•^åá;¦&åæa;*^; ãrá;[cá\^&[*}ã^åÈA>^ç^¦Áæd|[,Áa`•œa;å^¦•Á;ãc@a;Á\$\$\$"ZYYhi[-Ác@:A;æ&@a;^Á;@}Áş []^¦ææā;}ÈAÒ¢d^{ ^A&æd^A;@[`]åÅa^Áæa;^}Á;@?}Á;]^¦ææā;*Á;^ædA;[[•^Á;àb%&orÁĔA`&@Áæ *¦æç^|ÊÅ[&\+Áæ)åÅå^à!ã:ÈA`@•^Á&[}åãaā;}•Á;@2`|åÅa^Áæç[ãå^åÈ

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U}&^Á;}Á[&ææ‡i}ÊÁ[,^\¦Á©A([,^\¦Áå^&\A`|ði@)^Á;aæ\[á@)^Áæà[ç^A&@A(;aæ\¦ãæþÁ;á&^Á&`ŒA[Á©A(;[,^\¦Áå[^•Á;[oÁ@æç^Á; •ædóĭ}å^¦áæ4/[æåĚÓ¦ð]*Á©AÜÚTÁ;Á∞0^Á;æ&q[¦Á]]Á;[ÁFG€€Áæ}åÁ\}*æ*A∞Aá@Aíäå^Á;[,^\¦ĚGÁæÁ^æAí,[,^\¦Áå à^ð]*Á •^åÊæψ|[, Á@ÁÜÚTÁ;Á^č¦}Á(áFG€€Áà^{{\^A}*æ*d]*á®Aí>æAí,[,^\È

V@Á[cæ¦^Á;[,^\Áå^&\Á:@,*|åÁæd, æ`•Áa^Á&æd;a∿áAæc@\Áxædy}åilæt*^åÁ;}Á@AA`aāA`@,^•Á,@}Á;[,ā;*Á;}Á@ *'[`}åÈÖ;æt*āj*Á@A[cæ;^Á;[,^\A@æå+Á&æd;a∿áAæc@\Áxæd;A`aāAA[æåA[jáaA(]æåA;]á@Ad;æda[iÁ^•*|cāj*ÁajA;!^{æd;A cā^Á,^ædĚQÁæd+[Á&æ*•^Á*¢&^••ãç^Á@;!•^][,^\Á&[}•`{]cāl}Áæd;åilærcã&æd;^Áa^&d~áa^EÖ;æt*āj*Á@ !^ædA;[,^\A&ed;Áæd+[Á&æ*•^Áaæ{æ*^A[æd;A][,^\A&[}*`{]cāl}Áæd;åilærcã&ed;^Áa^&A;Aæ^•Aa]æå^Aáā^EÖ;æt*āj*Á@ !^ædA;[,^\A&ed;Áæd+[Á&æ*•^Áaæ{æ*^A{[&@A[@ab;A]]}&A&Ac@A;^&~••ãcA\ā]Aa*AæcAa;] !*ædA;[,*áda;}A_a&@A*ãa^A[cæa*A{[,^\EÁsaA;ā]Aá*A*æ*A{[A&ed;A]A&A***ãA}; &*ca3*È

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8 C `BCHÁ • ^ Á^ ¢&^••ãç^ Á{; ¦&^ Á, @ } Á, [•ãā]; }ā] * Á&č cā] * Á@ æå Á5); d[Á@ æç^ Áa; læ); &@ • Á; ¦Á { æ||Á č {]• ÁQG+ åãæ{ ^ c^ ¦DĚÖæ{ æ* ^ Á[Á@ Á } ãÁ{ æ Á^•č |dĚ4QÁas Áa^•o Á4[Á^ cÁc@ Á&č cc^ ¦ Á@ æå Á%hæanÁæç æ +Á+|[, |^ ÁæaÁ@ æç^ Á&č cā] * lý à• È

V@Á,[,^\Á,āļÁ,]^\ævÁ,[\^Á~a&a) d^Án,Át,Át,**@\Á&[}åãaā] • Ása) åÁ ão@Áv••Á,[, ^\ÁSAÁ©A Á) ãç^• Ásd-A A] oÁ @ed]È QÁv@Á,[, ^\ÁsA*ā]•Át[Áçãa|ævÆt[]Áv@Átlæ&d[!É2&@&&\Á[!Ájā^A,ja]]^å/50,Át@A]ājå|^Á,!Åsætæ*AÅ]ãç^• Ě Y@}Á^]|æ&ā]*Á}ãç^• ÉA^]|æ&vÁselA]ãç^• Áão@Á,^,Á}ãç^• Áãç^• Át[A'}*'\Aj![]^\Asaæa)&^A[[Ác@A[],^\Aj]A] çãa!ævĚU/ç^\^Áçãa!æaā]}Ájā[Á^• `|Æ56Å}ãç^• Áãc@Á}^~`æ4Á,^æ4Ásd^Á • ^åÈA2[||[, Ác@A5]•d`&aã}}AábA A UJbhYbUbWY GYWE bÁ&[[•^|^Á,@}Á^]]æ&ā*A}ãç^& Áão@Á*E

A WARNING GÁà^•œa) å^\•Áæ]] ¦[æ&@Á, ãc@3) ÁH€€Á^^oÁ, @ậ^Át, [¸^¦ÁæiÁð, Át,]^\ææāt, }Ékč ¦}Át, [¸^\Á; ãa&@ سا ØØ+Áät, { ^åãæe^\^Âk0Ee?\Á,@cå[、}É5,^ç^\Á^æç^Ás@ Ástæ&d[¦Át, İÁæd|[, Ásˆ•œa) å^\•Át, Áæd] |[æ&@ ¸ãc@3) Á \$\$°ZYYhÁ, Ás@ Á }ãaÁ }cājÁæd|Át, [cāt, }Ád] •Á&[{] |^c\|`È

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5 ZhYf`h\Y`ZjfghXUmicZcdYfUhjcbžU``Vc`hg`g\ci`X`VY`W\YW_YX`UbX`hj[\hYbYX`gYWifY`mi`V@ĕÁ@(`|å&a^&[}^]^¦ā[åã&æ‡|^Á{[Á}}•`¦^Á@Áa[|orÁa[Á,[cóa^&[{ ^Á[[•^Áæ]åÅ&æě•^&aæ{ æ*^Áa[Á@Ada&a@[¦Á¦¦Á[[, ^¦ÉA;lÁ]b`¦^Áa[Á@ []^¦æc[¦È

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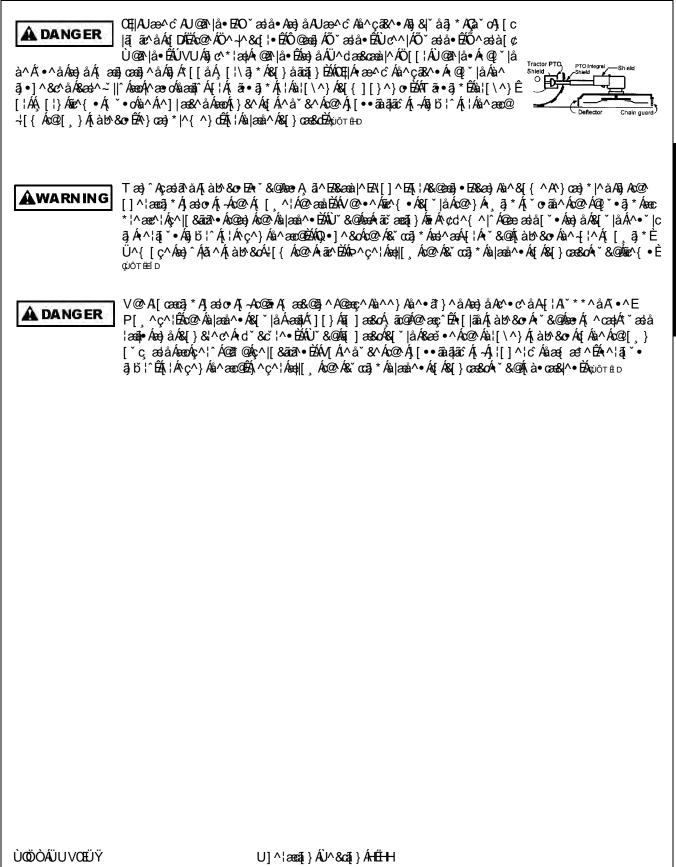
Ö[A)[o4|^o4o@AÓ|æå^•Ač¦}A, @}Ac@AT[, ^!AÖ^&\AseAæe^åA[!Ase}^ !^æe[}ÊÁ9&]čå3;*Á&|^æbæ)&^A(!Á{!Áč¦}3);*ÉÁÜæae;3;*Ác@AT[, ^!Aå^&\ ^¢][•^•Ác@AÔčco3;*ÁÓ|æå^•Á,@3&@A&\^æe^Aæd,[c^}c3;cae|^Á^!a[č•A@e;abå æ)åÁ&[č]åAseeč•^Á^!a[č•A6;bč!^Á;!Á°ç^}Áå^æe@Á![{Á;àb*&o•Ác@[, }Á';[{ c@AÓ|æå^•ĚAçüur⊞ip



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<u>- "(`G\ihh]b[`8 ck b`h\Y`=a d`Ya Ybh</u>

 V[Á@ chái] } Ánaccas&@ å Ái [, ^ ¦ Á@ caái ÉÁ ai o chái à ji * Áo@ cháskai á kag

 cháskai [Åázákai [] |^ c^ Ár (] ĚÖ^ & ai ^ æe ^ Ár } * aji ^ ÁÜÚT

 (Áází Åázákai [] |^ c^ Ár (] ĚÖ^ & ai ^ æe ^ Ár } * aji ^ ÁÜÚT

 (Áází ^ Ásái ^ ž * zé ^ Á& co^ l @ caái ÈÁ/ @ chái * aji ^ ÁÚ ÚT

 (Áází ^ Ásái ^ ž * zé ^ Á& co^ l @ caái ÈÁ/ @ chái * aji ^ Áú @ caái * Ásí * zé ^ Ár (] Áji ão caái |^

 ati [^ Aízi Ászákai [] |^ c^ Ár (]] Áji ão caji Ászái * ási |^

 ati [^ Aízi Ászákai * ÉZÖ[Áji [cón } * zé ^ Ár (] Áši ãr ^ } * zé ^ Ásc@

 & co^ l @ caái * Ászászái @ úl Ú Ú T Á } |^ • • Ác@ l^ Áři Ásai * Ásai *

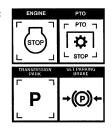
 ^ { / !* ^ } & Á Ái ãi časai } È

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A DANGER



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À DANGER ▷^ç^¦Á•cæ) åÁ[¦Áæ)[[c@¦Á]^¦•[}Áq[Á+cæ) åÁà^ç,^^}ÁæÁ'`}}ā)*Ádæ&q[¦Áæ) åÁc@A([,^¦ ,@}Á\$á≇&[}}^&ca)*Ás@Á§] |^{ ^}cA;[{Ás@Átæ&q[¦È

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MANGER OE, 28 • Á: @ OÁc@ Á/: 2884[: | Á8[:] |^ c^ |^ Á8[:] EÁ; | 288^ Ác@ Ác; 29 • { 27 • 47; | Á8; A; 24 ^ Ác@

] 28: \ 37 * Á8; 28: ^ Á8; ^4; |^ Á[: ^ Á; | Á89; ^[] ^ Á*| • ^ Áseec^ {] • Á; [Á8[:] } ^ 8c/4; | Á8; 26
 A A ^ Óc@

] 28: \ 37 * Á8; 28: ^ Á8; ^4; - [!^ Á[: ` Á; | Á89; ^[] ^ Á*| • ^ Áseec^ {] • Á; [Á8[:] } ^ 8c/4; | Á8; 26
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<u>%%"ACK9F"GHCF5;9</u>

ΦΑ̈́ΕĂ^&[{ { ^}å^åÁs@eecÁ@A´, [, ^¦AʿɛAʿqʿ¦^åÁ,ão@ÁœÁ,[, ^¦Ač ||^Á[, ^¦^åÁq A´rç^|ĔÁQÁœÁ,[, ^¦Aʿ •qʿ¦^åÆjÁœÁæā^åÁ,[•ãā];ÈĂ^|^&oÁsÁAʿqʿ¦^åb^æÁs)åÅ,|æ&^Åb|[&\•Á}å^¦ÁœÁ,[, ^¦Áţ́Å,¦^ç^}oÁœÁ,[, ^¦Á'[{ حطاقً: ÁÓÔQUÜÒÁsã&[} }^&ca]: ÁœÁ,[, ^¦Á'] { ÁœÁsbac[¦È

Ú¦[]^¦|^Áj¦^]ælāj*Áæ)åÁv[¦āj*Á@A´,[, ^¦ÁæaÁ@A´}åÁ;ÁœA´æe[}ÆiA&lãa&e4Át[Á;æanjæanjāj*Áñe>Áænj]^ælænj&A æ)åÁt[Á@|]Á*}•`¦^Á^æl•Á;Áå^]^}åæai|^Á^¦ça&^ÈÁ\@Át[|[,āj*Áæl^Á`**^•c°åÁv[¦æt^Á;¦[&^å`¦^•K

- V@Į:[`*@ÇÁ&\^æ), Áæ\|Áå ^à:lã Á[~-Áœ) Á([, ^: Á[]; ^; Á]]; ^ç^} cÁ åæ{ æ* ^Á -; [{ Á :[ccā] * Á *; æ• Á æ), å • cæ), åā] * Á; æe^:È
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- Űdţ ¦^Ác@ Áţ [, ^ ¦Áş ÁsaÁ&|^ás) Êŝŝ¦^ Áj |ašś^ Á, ãc@ ś@ { [, ^ ¦Á@ ¿`• āj * Á!^• cāj * Á⊧^ &` ¦^|^ Á[} Ás|[&\• Á[¦ asaÁt ¦[` } å Á|^ç^ |È
- W ^ Å] ¦ æ Åq č & @ E] Å ? æ + / Å @ ! ^ Å ? & * æ ^ q Å ! ^ ç ^ } Å č • o & å Å æ æ æ Å & @ Åæ] ^ æ æ & ^ Å ~ c@ Å [, ^ | E Å

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À DANGER Þ^ç^¦Áæ∦[, Á&@aål^}Á;!Á;c@:¦Á,^¦•[}•ÁqiÁãâ^Á;}Ás@.Á/iæ&qi¦Á;!ÁQ]|^{ ^}È Øæ∦āj*Á;~Á&æà;Á^•č|oásiÁ^¦ãjč•Ásibi°;^Á;¦Ás^朮A%sö⊯⊕



<u>%&"HF5BGDCFH=B; H<9HF57HCF5B8 = AD@A9BH</u>

Q,@;\^}cÁ@ee ætå•Á;-Á;]^¦ææji*Ás@ Átæsud;¦ÁæjåÆj]|^{{^}of&eyåAfc@;Å;[••āaājāc´A;-Áæs&&ãa^}orÁet^Á,[c4^~o&a@jå _@}Á[`Áajāi@Á,[¦\āj*ÁsjÁæjÁæ}AæbAvæbÁV@;!^-{¦^Êxs@ Á;]^¦æe[¦Á;`•oÁ\{]|[^Á[[åAbĭå*^{^}of&ejå*Á[]^¦ææjá]}]¦æsca&^•Á;@}Afcaaj•][¦cāj*Ás@ Átæsud;¦ÁæjåÁā[]|^{{^}of&c;^^}Af[&ææaj}+ÈÁÓ^Á*eja*Á[[åÅbĭå*^{{^}of&jå -{||[_jāj*Áræ^Áctaaj•][¦cAj¦[&^åč¦^•Êxc@ Á;[••āaājāc´Á;~Áæs&&ãa^}orÁ;@aj^Á{[[çāj*Áa^c;^^}Af[&ææaj})•Á&aa)Áa •čà•cæjcaæaj^Áctjajātjã^åbb/æscu-0017

Ŭ@ÔÁÜU VŒÜŸ

U]^¦æaā[}ÂÛ^&cā[}ÅHËHÍ



<u>%&'%HfUbgdcfhjb[`AckYf</u>

HF5BGDCFHB; 1B89FH<91B+HBGCKBDCK9F

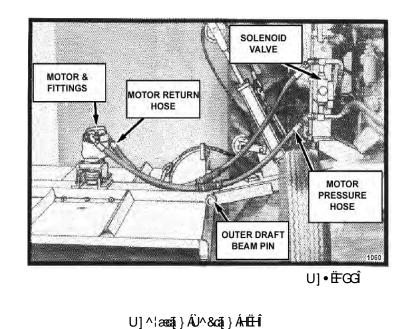
Y@}Átæ)•][¦æ]*Áa^ç^^}ÁqiàÁaź∿•Á;¦Áa^ç^^}Á&`œ3]*Á,æ*•^•Éa@A[||[¸3]*Á;[&^å`¦^Á;@Q`|åÁa^Á[||[¸^åK FÈ Ù@oA;~Ác@Á;[¸^¦ÁqiÁc@Á&`œ3]*Á@æå@;DÁæ)åÁæ||[¸Áæ|Á;[œ4;}ÁqiÁ&[{^ÁqiÁæ4&[{]|^c^Á;qi]ĔA CÈ Üæa*^Ác@Áa¦æcAa^æ;ÁqiÁarÁ@i@•oA;[•ãa4;}È HÈ Üæa*^Ác@Áaa^Á;[、^¦Á;daÁc@Áa^&\Á;qi]•Áæ*æa3]•oAc@Áa¦æcAa^æ;È

 $\label{eq:linear_line$

HF5BGDCFH=B; 'I B=H'6M': @5H698'HF5=@9F

T [• cÁt'æ&d[¦• Á, ão@ÁceÁ ãå^Á{ [`} c^åÁ{ [, ^¦ Á@ æåÁeecæ&@ åÁ, āļ|Áà^Á; ç^¦Á/*æ Át'æ}•] [¦cāj* Á, ãå c@ÁÇF€G+Á, ãå^DĎA2[¦ c@ã Á^æe [}ÉA;}^Á; Áœ Á{ ||[, āj* Á; |[&^å` ¦^• Á; `• cÁa^Á[||[, ^åK

- FÈ <u>Viag •] [icā * Á ão@k ãā^Á; [^ \ kæccas&@ å kk/v ^ kæh[æå ā * kb[& Á; lÁæ;] Áţ Áţ æå Át æåq \ kb) å Át æåq \ kb0^} c' l Ác@ d æåq d æb Åt æåq \ kb0^} c' l Ác@ d æåq d æb Åt æåq \ kb0^} c' l Ác@ d æåq d æb Åt æåq \ kb0 å å æq å kbo å å Åt c, ^ > } Át@ At æåq \ kb0 å å Åt c, ^ > } Át@ At æåq \ kb0 å å Åt c, ^ > } Át@ At æåq \ kb0 å å Åt c, ^ > } Át@ At æåq \ kb0 å å Åt c, ^ > } Át@ At æåq \ kb0 å å Åt c, ^ > } Át@ At æåq \ kb0 å å Åt c, ^ > } Åt@ At æåq \ kb0 å å Åt c, ^ > } Åt@ At æåq \ kb0 å å Åt c, ^ > } Åt@ At æåq \ kb0 å å Åt c, ^ > } Åt@ At æåq \ kb0 å å Åt c, ^ > } Åt@ At æåq \ kb0 å Åt c, ^ > } Åt@ At æåq \ kb0 å Åt c, ^ > } Åt@ At æåq \ kb0 å Åt c, ^ > } Åt@ At æåq \ kb0 å Åt c, ^ > } å Åt c, ^ > }</u>



Ù@ÒÁÜU VŒÜŸ

$$\begin{split} & | h^{2} + h^{2}$$

$$\begin{split} & \mathsf{M} \wedge \mathsf{A}\mathsf{ed}_{\mathsf{A}} = \mathsf{A}\mathsf{a}_{\mathsf{A}} = \mathsf{A}\mathsf{a}_{\mathsf{A}} = \mathsf{A}\mathsf{A} \wedge \mathsf{A}\mathsf{A} = \mathsf{A}\mathsf{A} \wedge \mathsf{A}\mathsf{A} = \mathsf{A}\mathsf{A} \wedge \mathsf{A} = \mathsf{A} \to \mathsf{A} \wedge \mathsf{A} = \mathsf{A} \to \mathsf{A} \wedge \mathsf{A} = \mathsf{A} \wedge \mathsf{A} = \mathsf{A} \to \mathsf{A} \wedge \mathsf{A} = \mathsf{A} \to \mathsf{A}$$

<u>%&"&"Hiubgdcfhib[cb`Di V`]WFcUXk Umg</u>

$$\begin{split} \hat{O}_{cd}^{A} & \hat{A}_{cd}^{A} & \hat{A}_{cd}$$

AWARNING

Tæ\^A&^\cæaj Ac@eenAc@ Akul[, AT[çā] * AX^@&k|^+AÇUT XDA*ā*} Aši Aši • cæ|^å Aši • `&@kená, æ`Áen Át[Áki^Áki|^æ|^ Áçã ãa|^Áen) å Á/^*ãa|^ÈÁY @} Átlæ) •][¦cā] * Ác@ Ò ` `ā] { ^} c^ • ^ Ác@ Á/¦æ&c[¦Á|æe @3] * Áj æb}ā] * Ájā* @n Áen) å Á[[][, Áen|A[&en dæ-æ&Á^* ` |æaji} • Ékuoni



Ŭ@ŎÁIJU VŒIJŸ

U]^¦æaā[}ÂÛ^&cā[}ÅHËHÏ







Y @\} A[] ^ | ææð] * A[} A] ` à | â&A'[æå • EA@æç ^ &[} • ãå^ | ææð] À [¦ Á] c@ | Á[æå Á • ^ | • EÁÚ ` ||Á[Á:@ Á ãå ^ [-Á:@ Á[æå Á &&æ ð] } æ] ^ Á[Áæ] [, Áæ] Á[||[, ð] * Á!æ-ð& (Á] æ• EÁÖ [Á [cÁ ¢ &^ å Á:@ Á * æÁ] ^ å Áð] ^ å Áð] ` [` | Á&[` } d ^ Á[| Áæð | â&` | c` !æÅ i æ&q [• EÁO €, æô • Á cæô æ† ^ !cÅ, @} Á! æð •] [| cð] * Á:@ Á!æ&q [! • EÁO €, æô • Á cæô æ† ^ !cÅ, @} Á!æð •] [| cð] * Á:@ Á!æ&q [! • EÁO €, æô • Á cæô æ† ^ !cÅ, @} Á!æð •] [| cð] * Á:@ Á!æ&q [! • EÁO €, æô • Á cæô æ† ^ !cÅ, @} Á!æð •] [| cð] * Á:@ Á!æ&q [! Áæð] å Áð]] / { ^ } c [} Á,` à | ã&A[æå• EÁW • ^ Á&æč cð] } Áæð å Á!^ å * A^] ^ ^ å Áš-[c@ ! Á;^ @&] ^ • Á; ! Á] ^ å^ • d ãæð • Áæ ^ Æ; Á:@ Áæ^ æÈ OPS-U- 0022





Þ^ç^¦&aa|[___&&@aja`l^}A, ¦A[c@`¦A]^\•[}•At[Aāā^A[}A &@ A\'aa&d['A[, ¦AQ]]^{ ^}GE Øaa|j] * Á[--Á&aa) Á^•`|o45] Á^¦a[`•Á5] Ď ¦^ Á[Ás^aac@2Á&jö≞⊕



Ù@ÒÁÜU VŒÜŸ

U]^¦æeāį}ÂÛ^&cāį}Â/HĖÌ



CD9F5HCB

Ü^å`&^A]^^åAa^-{¦^Ač'}}j*A;¦ðj*A;¦Aaj]^ðj*A;@Aa¦æà^•Ė Ò}•`¦^Ác@aanáa[c@áa¦æà^Á;^åæq•Áæd^Á;[&\^åA;[*^c@}¦ ,@}A;]^¦æanj*A;}A;`à|a&A[æå•È OPS-U-0023



<u>%&" < Ui `]b['h Y'HfUWfcf'UbX'=a d`Ya Ybh</u>

 $\begin{array}{l} & (\wedge A_{1}^{\prime} a_{2}^{\prime} \bullet) =] [\ | ca_{1}^{2} * A_{0}^{\prime} A_{0}^{\prime} | a_{0}^{\prime} a_{0}^{\prime} A_{0}^{\prime} a_{0}^{\prime} A_{0}^{\prime} a_{0}^{\prime} A_{0}^{\prime} a_{0}^{\prime} A_{0}^{\prime} a_{0}^{\prime} A_{0}^{\prime} a_{0}^{\prime} A_{0}^{\prime} a_{0}^{\prime} A_{0}^{\prime} a_{0}^{\prime} A_{0}^{\prime} a_{0}^{\prime} A_{0}^{\prime} a_{0}^{\prime} A_{0}^{\prime} a_{0}^{\prime} A_{0}^{\prime} a_{0}^{\prime} A_{0}^{\prime} a_{0}^{\prime} A_{0}^{\prime} a_{0}^{\prime} A_{0}^{\prime} a_{0}^{\prime} A_{$



Ŭ@ŎÁIJU VŒIJŸ

U]^¦æeaji}ÂÛ^&caji}ÂĤËH



CE | æ) * ^ Ác@ Á& @ææj • Á [Ác@æcý @ } Áæi @ ^ } å Éko@ & @ææj • Áæd ^ Áj ` || ā) * Áå [, } , æl å Áæ) å Áæi ææj • c c@ { • ^ |ç^• ÈÁÓæd^~` || ^ Áæi @ ^ } Á@ Á ^ &` | ā] * Á& @ææj • Á; | [c@ ¦ Áæe c^ } ^ !• Á • ā] * Áæ [[{ ^ !• Á; ! Áæj å ^ !• Áţ [Áæj] | ^ { æ¢ã[` { Ác^ } • ā] } ĚÁW• ^ Ár ¢ d ^ { ^ Á&æd ^ Å @ } ææææ @ * Áæ) å Á ^ { [çā] * Áœ Á ^ &` ! ā] * Å& ° çã ~ • Áæ Ác@ ^¢ d ^ { ^ Ac^ } • ā] } ÁB; ç[|ç^ å Å @ } Á^ | ^ æ ^ å Á@æe Ác@] [c^ } cãæ Ák[ÁB; -jæcÁ ^ ! ā] ` • ÁB; b' | ` È

Y @4^Á@eĕ |ā] * Ác@ Áclæ&d[¦Áæ) å Áā[] |^{ ^} dÉ(æ\ [&&æ• ā] } æ |Á* d[] • Á[Á&@ &\ Ác@æcÁc@ Áclæ&d[¦Áæ) å ā[] |^{ ^} d@æç^ Á, [d([ç^å /i ¦Á* @ãe^å/æ) å Ác@æcÁc@ • ^& 'i ā] * Á&@æç ^ Á[æāj æāj æāj ^å Ác? • ā] ÈÁQAå` 'i ā] * dæ) •] [| dærÆædå Åa | æ å] * ÉÅ @æb] Åč 'i } ā] * ÉÅ [Å , ^i çā] * æ&æ1} Å, æ• Á, ^i -[i { ^å ÉÅ* @b] Åč 'i } ā] * ÉÅ [&ææa1} } d Æ] •] ^&d&@ Á ^& 'i ãc Á; -Á@ A[æåÉÅC PS-U- 0026



Ù@ÒÁÜU VŒÜŸ

U]^¦æaāį}ÂÛ^&aāį}Á+HË€

CD9F5HCB

<u>% "HFCI6@9G<CCH=B; ; I=89</u>

<M8 F51 @#7 7 M@#B89F`BCH`K CF?=B; ÄÄÖ@@&\Á^ç^|Á; Á@妿i|&&A|`äåÁ§^^A fa`@d* æi *^Á; } Áæi \ DĚÔ@&\Á{ •^^Ásá,`{] Ási Á`}&cāi }ā *Á;[]^\|^Ás`Ásec^{] cāj * Át Á • ^Áæi [c@¦Ás`|ājå^!Á,!Á,!^••`'|^Á æi * ^ÈÁQÁ,`{] Ási Á [!\āj *]'[]^\|^Ê&&@&&\Á@@Aj,!^••`'|^Á; } Ác@Ajā,^ÈV@Á^ja`Açæiç^A; æi Åsi^Ášs`Êjæ••āj *Á¦`äåÁsecÁt[[,Á],`A,!^••`'|^ÈQ &`]ājå^!Ási Á cālAj[cÁ`}&cāi }ā *Áj:[]^\|^ÊÁ&@&&\Á@Ajā^Át[!Á t[]] æi ^ÈV@Ajārt[]æ•tākecÅt[[,Á]; Asi[], Aj.!^•*`!^•ÈQ &`]ājå^!Ási Á cālA[[cÁ`}&caā]}ā *Áj:[]]'!]^ÊÁ&@&&\Á@Ajā^At[!Á t[]] æi ^ÈV@Ajārt[]*Áşi Á@å;Asi[]åå^!e`Asi çãčæ]^Ât[`à|^ʦ^^Êka@áša; Aj, @j.*Á; Aj, ālÁ@æç^ÁseÁ&[!^åÅ;æ]ÁæjåAsi [A][, Ási [`}åÁseA[], Ási [`}åÁs@Ajārt[]EÅ&Asi &æ^ÊA]] æ&^Ác@Ásî [ājå^!È

NOTE: Refer to repair parts section on valve bank settings on individual relief cartridges.

< MBF5I@#7`ACHCF`BCH`KCF?=B; ÁËŹÔ@&\Ájā^•Á[¦Ájā]\•Á[¦Ájā/\$@^^Ásek^Ájā]&@ åĚÁQÁ\$@A[[{{[4[¦Ájā/Ásek[**ā]* å[__]+Á]å^¦Á[zeshÉÁ^&@&\Ás@Á^]ā*-Áşzekç^Á^ccaj*Á]}Ás@ Á&`cc^¦Áşzekç^È

<MBF51@7 J5@19ÁEÁZæa‡i \^•ÁşiÁ@Á@å\æi|&&Á * c^{ Áed^Áeq} [•óÁeq, æi•Á&æi * ^åÅa ^Á; c@\!Á`|^{ ^} o ÆşiÁœ * * c^{ Á; c@\!Ác@eşiÁc@eşiAc@Açæqç^LA[Ác@Á?] cā^Á* * c^{ Áeq} & @` |åÅa^Á&@&\^åÁa^-{ \^Ác@Açæqç^ÁsiÁ&@eşi* ^åÉÓE { æ}~} & cā] ÅQ;Áæj ^Á@å\æi|æ&Açæqç^Á* & ca] } Á ä|Á^`` ā^Á^] |æ&^{ ^} cf, * Ac@esi* ^&cā] } Áçã` cf, [cfc@A^] |æ&^{ ^} cf, * c@Áçæqç^Ásiæ] \DÁ ā] &^Ác@Æşi * aā^• Áed^Aq] } ^åÁt[ÁaÆşi åāçāā` æ|^ÉÓCEccæ&@ ^} o Æ`&@ése Ác@Á^|a*-Áçæqç^* Æs} åÆs^c} c { æiÁa^Á^!çæA^átaj åãçãa` æ|^È

GHFI7HIF5@A9A69FG

Ù@ÒÁÜU VŒÜŸ

U]^¦æaā[}ÂÛ^&cā[}ÅHËF

Ù@ÒÁIJU VŒÜŸ

U]^¦æaāį}ÂÛ^&cāį}ÅHËG

A 5 = BH9 B5 B7 9 G97 H=C B

Tæn∄c^}æ)&^ÁÛ^&ca[}}ÁÉË

;9B9F5@=BGHFI7H=CBG

Vāt^¦ÁT[,^¦•Áæd^Áå^•āt}^åÁ[¦Á@at@Aj^¦-{¦{ and 8x Áæn) åÁ`**^åÁå`¦ænda fañ Éti^óA, ão@Arati]|ãað åÁ[ænda cy}an) & Èti/@]`¦][•^Á[-Áo@aiÁe^&aqt]}Á[-Áo@A[an) `ænhÆn Át[Á@|]Áo@A[]^¦ænd[jA;@acati]AfjAc@Á/*`|æabAr^¦ça3a]*Á[-Áo@Á[[,^¦ÈtÜ^*`|æ {ænd]cy}an) & A&ax Áwa Áwa Áy cyane Á(^}anj}^åÁ[a]lÁ^•`|oAnj Áw@Á[ænda]t (Aracati] & Áasa) & Áy àÁ[]*Áasa Á(-Áw

Y@}Á`[`Áj`¦&@ee^ÁæÁVã*^¦ÁT[,^¦Á[`Áæq+[Áæ&č`ā^Áæ)[c@¦Áçæpĕæà|^Áæe+^dÊAVã*^¦qAjækorÁ[¦*æ)ãææāj}ÈÉU`¦ ¦æjãåÁæ)åÁ^~æ&ð}có+^¦ç&&^Á@eeÁ*`æ}æ)c^^åÁc@Á&`+q[{^¦Árææā*æ&cāj}Á[¦Á[æ)^Á^æ+ĚVã*^¦ÁjækorÁ^^]Á]Ájã@ c@Áå^{æ}å+Á[¦Á^~æ&ð}}&îÉ+æ^c´Áæ)åÁ*}å`¦æ)&^Á*¢]^&co°åÁ[~Ác@Á/ã*^¦ÁT[,^\È

A∲5=BH9B5B79[°]DF9751 H=CBG

- ´`Ó^Á`¦^Á`}åAį.-Át¦^æ•^Á`}Aæ)åÁ^¦\•Áæ\^Á&|^æ)Áa^¦{'^Á •ãj*ÈÖ^à¦ãrÁ5,b^&c^åA5,q`Áa^æãj*•ÊAc&ÈĂ,ão@4t¦^æ•^ _ āļÁ&æ*•^Á5,{ { ^åãæc^Áåæ; æ*^È
- ÖUÁÞUVÁ ^ÁæÁj[^ \ Áť | ^æ• ^ Áť ` } Áť[Áĭ à | ã8æe* Áà ^æðj * ÈÁV@• ^Á\^ ` ða ^Áç^ | ^ Á{ æl|Áæj å Ár ¢æ8zókæ{ [` } Á[~ |` à | ã8æeðj } ÈÉÜ^^ kár cæðj^ å Á{ æðj c'} æ) &^ Ár ^ & cðj } Á[| Ár] ^ &ãã8cÁj` à | ã8æeðj } Áðj • d` & cðj } • ÈÉÖUÁÞUVÁ; ç^ ! Ë * | ^æ ^Áa ^æðj * • È
- Š^¢æ) Á, ∄, å å[`, •Á @``|åÁà^Á, æ @åÁ, ãœÁ{ ãœÁ{ ãæÁ{ āæÁ{ æ}/ äåÁ [æ] Á; ¦Áå^๙'*^} óÁæ) åÁ` \^Á, æ{ Á; æ*\ÊX •∄ * ÁæÁ [~oÁ&|^æ) Á •] [} * ^Á; ¦Á[حÁ&[o@ŽÖUÁ>UVÁ • ^Áæà !æ ãç^Á; lÁæ{ æ] ^Á&|^æ} ^k] ^a ^i •Á; lÁ; ^œ4Á & æ] ^!•Á; Å/ ¢æ) Á ∄ å[, •Â
- ´´Ó^Áæ¦^¦ÓÁ[Á(æā);♂}æ)&^Á3jåa&aæa[!•Á*`&@Áæe Ác@ Á3jЁæa)\Á4jơc'¦Á]¦^••`¦^Á*æ`*^ÉÁ@ 妿`|&&Á'^•^¦ç[ãiÁ+ã@c *æ`*^ÉA\&EÁ\æ\^Á@Á^``ã^åÁæ&aa[}}Á{[Á8[¦¦^&oAæ)^Á,![à]^{{•Áā[{^aāee^|}È
- [∞] <u>Ü^|^æ•^Á[-Á*} ^ !* ^Á+[{ Á] !^•• ` ¦ã ^å/• ^ c^{ Á' æô Á&æč ^Áāj æåç^ ! c^ } ó/æ&cč ææaj } Á[-Á&` [ā] å^ !• ÊÆ[¦ /• ` åå^ } <u>!^|^æ•^Á[-Á&[{] !^•• ^å/•] !ā *•</u>ÈZÓ^ -{ !^ /ååã &[} } ^ &@cāj * Áæj ^ Á@ • ^• Á^ |ãvç^ Á] !^•• ` !^ Áà ^ Á @ ccāj * Áctæ&q ! Á[-Ê • ^ccāj * Á&č cc² !Áj } Á* ![` } å/æðj å/æ&cč ææāj * ÁãoÁçæ¢ç^ Á@eðj å|^• È</u>

6F95? = B D9F=C8

Q Ásceláããa[}Á4[Á[||[, ā] * Ás@ Ásl^æt ÁsjÁsj•d`&cā[}•Á[¦Á[`¦Á]ætca&`|ætÁsæ&a[¦Éás@ ÁsjÉcæ) \Á@ 妿t |a&Áa]c^¦Á @[`|å à^Á'^]|æ&^åÁæe¢¦Ác@ Áa]•oÆ[€Á@[`¦•Á[-Ái^¦ça&^ÈÁ/@`¦^æe^¦Ác@ Áa]e¢¦Á•@[`|åÁa^Á,^]|æ&^åÁ^ç^¦^Á[€€Á@[`|•É4[¦ ^^æl]ÊÉ, @a&@ç^¦Á&[{ ^•Áa]•cÈ

Ü^ËĘ ¦˘`^Á @^|Á;*•Áæơ\¦Áã•oÁãç^Á@;`¦•Á[-Á[]^\!æã[}Áæ)åÁ]^¦ã[åã&æ|îÁœ}!^æơ\'ÈÈÙ^^Á[¦č`^Á;]^&ãã&æã[}• |ãrơ\åÁ]Ác@Ádæ&q[¦qÁ*^\çã&Á(æ)`æ¦Á[¦Á`[`¦Á]ædã&`|æ¦Á{[å^|È¥K \YY```i[g`a igh'Ưk Umg`VY`fY!hcfeiYX k \YbYjYf'Ưk \YY``]g`fYa cjYX`UbX`fY]bghU`YX"

> Þ^ç^¦Á, [¦\Á`}å^¦Ác@ÁQ,]|^{ ^}dÃc@Á', æ{ ^, [¦\ЁA[¦Áæ)^Áã-c∿å &[{][}^}cÁ}cÁ`}|^••Ác@ÁQ,]|^{ ^}cÁ<u>ë</u>Á^&č'|^|Á*`]][¦c°åÁ;¦Áè|[&\^åÁ] q[Á]¦^ç^}cÁ`čå^}Á[¦Áā)æåç^!c^}cÁæ|jā*Á, @3&@Á&[č'|åÁ&æč•^Á^¦ājč• ā)b`|^Á;¦Áç^}Áå^æc@Áçiö音। □

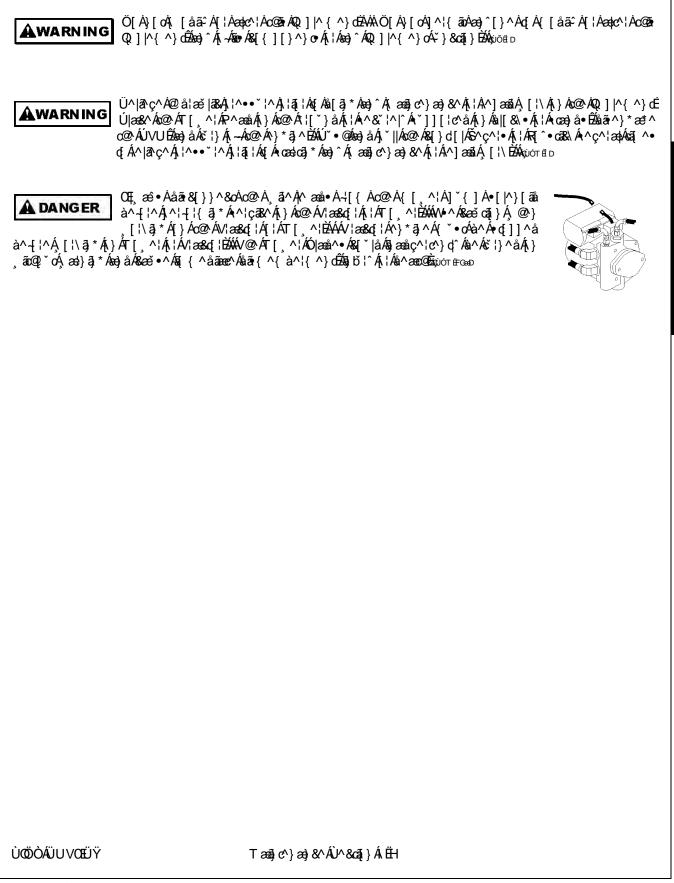


Tæn∄c^}æ)&^ÁÛ^&ca‡i}Á.ËG

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ŮØÖÁÜU VOEÜŸ

ADANGER



F9; I @5F⁻A5=BH9B5B79

V@^Á§jc^¦ç懕ÁæcÁ,@3&@Á^*č|æ∂Á^¦ç3&3j*Ár@[č|åÁa^Áa[}^Áæd^Áaæ=^åÁ[}Á@[č|•Á@[č|•Á[^Å[]^¦æaā]}ÈÁ∿•^Áa@Ada&d[i•Á@[č| {^c^¦Áq[Áa^c^¦{3]^Á_@}}Á^*č|æÁ^¦ç3&3j*ÁarÁ^ččā^åÈ

8 Uj`micf`9 j Yfmi, '< ci fg						
±H9 A [`]	G9FJ <i>=</i> 79	7 CAA9BHG				
Ö¦ãç∧ÂÙ@eeeŸ[∖^ÊÂWËR[ā]c BÂÛc`àÂÛ@eec ———————————————————————————————————	Õ¦^æ^	Õ¦^æe^Áæe/Áşi●d č&c∿å/Áşi å^cæaậ/^åÁTæajic^}æ)&^ÁÛ^&ca‡i}				
Úč {] ÁÖ¦ãç^ÁÙ@eec	Ô@&&&ae)åÆč`à^	Q•`¦^Áå¦ãç^Á@eeoÁ\}åÁj æî				
Ô¦æ}∖∙@æoÁŒaæ}c∿¦Á	Ô@&\Á`àà^¦Á' [{{ ^o	Ü^] æ&^/∜⊹[{{ ^œ/ᡬ₅́Аåæ{ æ*^å [¦Á(ã•ā)*				
Úã;[OÁÚ[ậ o ———————————————————————————————————	Šĭà¦a&æe^	Qlb/&cAt¦^æ•^Á}cāļÁānÁæ]]^æ∔ÁæeÁ4}å				
P^妿č ã&Á2ãaca}*∙	Ô@&Á[¦Á^æ•	Var@o^}Á,@o}Á,^^å^åÈ Ö[ÁÞ[cÁ•^Á @ea)å•Áq[Á&@o &\Á-{¦Á ^æ\•È Ù^^ÁTæaajc^}æ)&^Áú¦^&æĕca[}•				
S} ãç^∙Á	Ô@&	¢∯v•]^&oÁ[¦Á;ã•ā]*Á;¦Ásaa;æ*^åÁ \}ãç^•Ê&@ea)*^A;¦Á;@ea;]^}ÁeeA;^^å^å				
Ù] ājå ^Á([č};cāj*Áà[o• Ģ]ājå ^Á(įÁå^&\D 	Ô@&\	HĐ+Á¢ÁG+Áţ¦˘˘^ÁţÁ++F-cÈÈà∙È				
S}ã^Á([č}cā)*Áå[o∙ Ç}ã^Á([Áåã∖D —	Ô@&	Ú¦^Ë;`à¦a&æe*Áo@^æå∙Êáo@}Á q[¦˘`^Áq[Â €€ ÁdĚ́à•È				
Öãi\Á([`}cā)*Áà[o• Çàãi\Á{[Á]]ājå ^Ł	Ô@&	ÍÐ)-+ÁÝÁFËHÐ+Áà[cÁq:¦˘˘^Áq:Á G€IÁå¦^Áq:¦ÁFÌIÁ;ậ^åÁdĐĂjà∙È				
Ó^ œ	Ô@~&\-1002ābĭ∙c	Ô@~&\Á5aÁa¦[\^}Êácēt@c^}ÁæeÁ^ččāt^å				
Tæa∯Á21æ{ ^Áæ}å`Ö^&∖	Ô@&A	Ü^d[¦˘˘^Áà[orÁt[Át[¦˘˘^ ●]^&ããa3aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa				
P^妿ĭ∣ã&ÁØ ĭãåÁŠ^ç^	Ô@&	OEååÁ5aÁ^``āl^åÁj.^¦ ⊣`ãâÁ^&[{{ ^}åæaaj}}●				
ŬŎŎĂIJU VŒIJŸ	Tæn∰;c^}æ);&^ÁÛ∕^&ca‡i}Á	ιË				

K99?@MCF'9J9FM(\$' <cifg< th=""></cifg<>					
≠ 1 9 A	G9FJ <i>=</i> 79	7 C A A 9 BHG			
Ü[œel [*] ÁÛ] ậ å ^	Š"à¦a&æe∿	Òç^¦^Á€Á@ᢩ`¦∙Á҉¦Á҉^^\ ^			
	K99?@MCF'9J9FN	ſ)\$ [:] <ci fg<="" td=""></ci>			
+H 9 A	G9FJ <i>⊒</i> 9	7 CAA9BHG			
Q;Á/æ)\Á?^妿ĕ ã&Á2 ĭãå Øā¢o∿¦Á11/\$5îa]WicbîZ]hYfŁ	Ô@#)*^	Ô@ea)*^Áæec^¦Áã•oÁi€Á@[`¦•Á;} ´ c@?}Árç^¦^Ái€€Á@[`¦•Á;¦Á^æ ^			
Q,ËŠã;∧Á?? ã @Ú¦∧••`¦∧ Øã¦c^¦Áf /\$`a]Wcb`Z]`h YfŁ	Ô@#)*^	Ô@ea)*^Áæeơ\Áã∙oÁi€Á@[覕Á;} c@?}Árç^\^Ái€€Á@[覕Á;¦Á^æ ^			
	ACBH< @MCF 9J9FN	ſ%)\$ [∵] <ci fg<="" td=""></ci>			
±19 A	G9FJ <i>⊒</i> 79	7 C A A 9 BHG			
P^妿ĭ a&ÁØ ĭãåÁŠ∧ç∧ Á	Ô@&	ŒaåÁæeÁ,^^å^å			
P^妿ĭ ã&Á∕æ}∖ÁÓ¦^æc@∘¦	Ô ^æ) ĐÔ@& ĐÜ^] æ^	Ô ^æ}Á[¦Á^] æ&^Á Ò ^{ ^}ơÁæÁ^˘˘ã^å			
FYUF`H]fY`HmdY ﷺù È ∰ €ÜHÌ ﷺ∰i È ËH ∰∭∭FÌ È ËH	au 'd'g'' È GJ GÎ GÎ				
ŬŎŎŔIJU VŒIJŸ	Tæn∄(c^}æ)&^ÂÛ^&ca]}	ÁĔ			

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M95F@M1CF ⁻ 9J9FM1)\$\$ ⁻ <cifg< th=""></cifg<>						
+1 9 A	G9FJ <i>⊒</i> 79 7CAA9BHG					
Ù] ậ å ^ÁÕ¦^æ•^	Ô@;)*^					
T[d[¦Áq[ÁÛ]ậ]å ^ÁÛ] ậ]^Á	Ô@;)*^					
P^妿č a&Á√æ}∖Á⊘ ĭãå	Ô@;)*^					
Q,Á/æ)∖Á??^妿` a&Á/Ø ĭãåÁ/Øa]c^¦ f1/\$f`a]Wicb`Z]`hYfŁ	Ô@#)*^					
Q,ËŠāj,^Á?-ÚÁ⊘ājd^¦ f1⁄\$`a]Wcb`Z]`hYfŁ	Ô@;)*^/;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;	Ô@æ)*^Á,@}}Á5jå&3ææ^å à^Á^•da&caąį}Á5jåa&æaą[¦È				
P^å¦aĕ a&Á/æ}∖ÁÓ¦^æc@°¦	Ô@#)*^					

A 5 = BH9 B 5 B 7 9

Ŭ@ŎŔIJU VŒÜŸ

Tænājc^}æa)&^ÁÛ^&ca≨i}Á.ÉÎ

HFCI6@9G <cchb< th=""><th>,</th><th></th></cchb<>	,	
GMA DHC A G	751 G9	F9A98M
Xâa:¦æeaa[}	š[[•^ <i>Á</i> Ó[œ	Ô@^&\Áad Áa[o•Áad)åÁaã@c^}Áa[^&[{ { ^}å^åÁa['˘ັ^Á+]^&ãã&æaā[}•ÁāJÁa@à •^&aā[}
	Ô˘œ^\ <i>Á</i> æ•^{ à ^	æÈÁÔ@?&\Á{¦Áåæ∢; æ*^åÁà æå^∙Éååãr&Ê `}àæ æa}&^åA{¦Á&`cc\¦Ái@æedÉÁ
		àÈÄÜ^] æ&^ÆäÁ,^^å^åÈ
		&ĚÁÔ@&&\Á{¦Á,ã^ÊÁ'[]^ÊÁ^o&ÈÁ*}cæ);* ^åÁā; c@Á&čoc^¦Áæe•^{à ^
T[,^¦Á, ä∥Á,[o4́ãc	P^妿ĕ a&ÁØ ĭãâÁŠ[, Š^æè∙Á§jÁjā,^ Øæĕ cîÁ^ ã∿-Áçæqç^	Ô@&\Áaa)åÁ^-a∥ÁP^åÁQ ĭãå Vaî@^}Á(¦Á^] æ&^Áãca3j*•Áaa)åÁQ[•^• Ô@&\Áj¦^••`¦^Á5jÁa3j^ÈŠ53j^Á]¦^••`¦^Á3jÁÔ[}d[ÁXæ4ç^Á•Q[ĭ åÁà^Áaac ^æ•OÁCÍ€€ÁÚÈÙÈÈ
	Sậ∖^åĄ́¦Áà∥ &∖^å	Ô ^æ} ʎ[ː¦Á^] æ&^Áð] ^•
	Øæĕ ĉ Á&î ð] å^¦	Q;•]^&dÊÅ^]æãiÁį¦Á^] æ&∿Á&ˆ ð;å^¦
UąłÁ/^{]^¦æč¦^Áã;^∙	Š[, Á;‡Á,Árç^ Áæà[ç^ÁG€€»⊗/ S‡]\^åBa [&\^åÁ@[•^• Y[¦}Áj`{]E?[d[¦	Ó¦āj*Áįā,Áų[Áj¦[]^¦Á/\ç^ È Q,∙]^&oÁÁÜ/]æaā,ÁÁÜ/] æ&∧ Öãræaà ^Áæ)åÁÜ/]æaā
T[,^¦Á,ā∥Á,[oÁicæelo4,¦Áĭ}	Ó[[, } Ář•^	Ô@~&\Á*•^Áa^ç^^}Á([,^¦Á,ãa&@Á æ)å/āt}ãaā(}Áaá^] æ&^
	Óæ∥Áçæqç^∙Á&∥ •^å Š[, Á,āÁ^ç^ Šāj^Á(^æ	Tæà^Ár`¦^Áçæqç^●Ásek^Át]^} Ô@&\Á?^åÈÁse}\\Áse}åÁ4] Ô@&\Áse Áaīca]*●Áse}åÁ4] ¦^Ёc∄@?}Át¦Á^] æ&?
	Ò ^&d[}ã&Á{[^}[ãåÁæč c	adžáv ão Q `oko@ Áti az so [¦Á` } }] 3 * Ék ` !} Áz@ Á { [, ^ !Á*, ão S @ Áti az so [!Á` } }] 3 * Ék ` !} Áz@ Á } [o Á@ az sa Az Áz Ác@ Á* [/^] [ãa Ázi Á^ } * az 3 * Ác@ • [/^] [ãa Á*] [[É Á S & Ázi Á* Á^] [o Ó@ az sa É A ^ a • , ão S @ Á] A [} Á] [• ão Azi Á] [o Ó@ az sa É A ^ a • & A ^ a i āz ^ ! A i] [• ão Azi Å A az a a • & A ^ a i āz ^ ! A i] [• ão Azi Å A az a a • & A ^ a i āz ^ ! A i] A] [• ão Azi Å A az a a • & A ^ a i āz ^ ! A i] A] [• ão Azi Å A az a a • & A ^ a i āz ^ ! A i] A] [• ão Azi Å A az a a • & A ^ a i āz ^ ! A i] A] [• ão Azi Å az a a • & A ^ a i āz ^ ! A i] A az a a a a a a a a a a a a a a a a a
ŬŎŎÁIJU VŒIJŸ	Tænāj⊄^}æ)&^ÁÙ^&aa[}ÁÉ	Ī

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		àÈÜ^{[ç^Ác@^Á[ǐ¦Áa][orÁ@] åā]*Ác@A*{æ‡ à [&\Áq[Ác@^Á(æā)Aà [&\ÈŠãoÁæ)åÁ'^{[ç^ •{æ‡ Aa [&\Áa^ā]*Á&æ^~~ Á][oAq[Áaæ{æ*^Á∪Ë ¦ā]*•Đāje^\È
		&ÈÂÔ ^æ}Áa‡c^¦Áæ)åÁ^Ë≱∙œa È
		åÈÄÜ^{ [ç^Á;ael*^Á;`ớ{,}`Á;ām^Á; Á;aad*^Á;ad; à [&,ÈÄÜ^{ [ç^Á•]¦ā]*ÊĂ;aa)åÁ`•^Á}^å ^ }[•^Áçã ^Á*¦ā]Áq[Á]` Á•][[Á+¦{ Áà [&,Ê &@&,Áà [&,Áa)åÁ•][[Á+¦¦Á&[}cas(ā)ao)o aa)åÁ•&¦aad&@•ÈÅÔ ^aa)Á]ædoÁ[¦Á\^] æ&∧Áã •&¦aad&@åÈÅ
T[d[¦Áĭ}∙Ásĭč ,ã Á,[cÁ&ĭč	Ó^ œ	Q,●]^&OÁa^ orÁæ)åÁ,` ^^●ÈÄÜ^] æ&^ à^ orÁæ)åÁ^]æãÁæeÁ,^^å^È
	V^}•ā[}^¦	Clābšeokk^}eāį}^¦Á,čA¦æekýæ@¦ ,æ@¦ÁaēÁ¦ĭe@ýáão@kk[]Á(-Á*ĭãå^È
T[,^¦Áč¦}●Á¦[, ^ [¦Á,[ơ‱Áœ)	Ô[}œ4(ậ)æ9;orÁ^•d&3&6a)* •][[Á([ç^{ ^} oÁ9) çæ4ç^Áa([å	Ü^{ [ç^Áæə'*^Á, ˘ớң}Áãâ^Á,Áæə'*^ çæqç^Áai[& ÈÜ^{ [ç^Á]¦ā]*ÊæajàÁ`+^ }^^å ^Á,[•^Áçãa^Á'¦ā]Á[Á,˘ Á][[-√[{ Áà [& ÈÁÔ@& Áà [& Áæ)åÁ•][[Á-{¦ &[}œa;ā]æ)orÁæ)åÁ&æ&@•È
		Ô ^æ}ÁjætoAi¦Á^] æ&^Æá&æ&@åÈ
	Ùٽ&cāį}Ájā,^•Áįà•d`&c^å	Ô@~&\Á[¦Á;ā]\•Á[¦Á[à•d`&cā[}}Á§) •`&cā[}Á@[•^È
	Š[, Á; āÁ^ç^	Ô@~&\ÁP^åĔ&aa}\Á^ç^ Áaa}åÁa] È
Ú~{]Á,āļļÁ,[AÁ,[X	ۘۘڮڎ؆ۥ؞ۥؿٙ؞؇ؚٞٙ ۼ؋؇ؚۼڡ	Öãræ∙•^{à ^Áæ)åÁ^]æãiÈ
T [d[¦Á, āļļÁ, [ơÁ, [¦\	ۘۘۘڮڎ&^٠٠ۿؚٙ؇؇ؚٚ ٷؚ؞؞۪ٵۼڟؚ؇ؚۼڡ	Öãræ∙•^{à ^Áæ)åÁ^]æãi

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

QÁx@Á[|čqā]}Á[Á[č¦Á,¦[à|^{Á&aa}}[ơ\a^Á[č}å/ājÁx@áÁ^&qā]}Ê&aa|Áx@Á/&@;3&aa+ÁÙ^¦ç3&^Á^]¦^•^}cæaā;^ÁæaÁx@ }č{à^¦Á,@,}}Á;Áx@Á'[}ơ&[ç^¦Á,Áx@áÁ[aa)čaa+È

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Tæn∄c^}æ)&^ÁÛ^&ca[i}ÁİË

		P	1	(in 1997)		K	1			N			10	
Nominal	threads)	>	1.1.1.1		\rightarrow					Sec.	(0)	
Dia.	per	6			Grade		1		de 5			Grade 8		
	inch	1.1.1		ening To			Tightening				tening Tor			ightening To
(in.)	1	Lube K = 0.		K = 0.17	d Dry plain			17 K=0			Dry Plated K = 0.17		Lubed K = 0.1	
(in.)		K - U.	15 1	K-0.17	K = 0.2			oarse T			K-0.17	K = 0.20	K-0.1	5 K - 0.17
1/4	20	49 in	lhe i	59 in-Ibs	e 66 in lh	s 76 in-l					122 in the	1/13 in the	126 in.lk	s 143 in-lbs
5/16	18	101		122	135	157	178			221	251	295	259	294
3/8	16	15 ft-			20 ft-lb							44 ft-lbs		
7/16	14	24		29	32	37	42			52	59	70	61	70
1/2	13	37		44	49	57	64	75		80	90	106	94	106
9/16	12	53		63	70	82	92			115	130	154	135	153
5/8	11	73	-	87	97	113	128			159	180	212	186	211
3/4	10	129		155	172	200	227			282	320	376	331	375
7/8	9	125		150 225	167 250	322	365			455	515 772	606	533 799	604 905
1 1/8	7	266		319	354	483	547			366	1095	909 1288	1132	1283
1 1/4	7	375		450	500	840	952			363	1545	1200	1597	1203
1 1/2	6	652		783	869	1462				371	2688	3162	2779	3150
			_											
								e Thread						
1/4	28													is 163 in-lbs
5/16	24	112		135	150	174	197			245	278	327	287	325 s 49 ft-lbs
3/8	24	17 ft-	IDS .	20 [ft-lbs 32	3 23 ft-lb 36	s 26 ft-1 41	bs 30 ft- 47	lbs 35 f		58	42 ft-lbs 66	49 ft-lbs 78	43 ft-lb 68	s 49 ft-lbs 78
1/2	20	41	-	49	55	64	72			90	102	120	105	120
9/16	18	59	-	71	78	91	103			128	146	120	105	171
5/8	18	82	-	99	110	127	144			180	204	240	211	239
3/4	16	144		173	192	223	253			315	357	420	369	418
7/8	14	138		165	184	355	403			502	568	669	588	666
1	14	210		252	280	542	614	72	2 7	765	867	1020	896	1016
1 1/8	12	298		357	397	668	757			083	1227	1444	1269	1439
1 1/4	12	415		498	553	930	105			509	1710	2012	1768	2004
1 1/2	12	734		880	978	1645	186	5 219	4 2	668	3024	3557	3127	3544
						. All other	torque value	es are in fool	-pounds.			d" conditions		D = No F = Cla
Torque val Torque val					where					K = 0.17 K = 0.20	for zinc plate for plain and	ed and dry co dry condition	onditions	D = No F = Ck
					where					K = 0.17 K = 0.20	for zinc plate	ed and dry co dry condition	onditions ns	
					Torqu			ations		K = 0.17 K = 0.20	for zinc plate for plain and	ed and dry co dry condition	onditions ns	F = Ck
					Torqu			ations		K = 0.17 K = 0.20	for zinc plate for plain and	ed and dry co dry condition	Clas	F = Ck
					Torqu Class 4.6			Class 8.8		K = 0.17 K = 0.20	for zinc plate for plain and c Faste Class 10.	ed and dry co dry condition	Clas	F = Ck
	ues calcul	ated from	i formu	lia T=KDF,	Torqu Class 4.6	e-Tens	ion Re	Class 8.8	hip for	K = 0.17 K = 0.20	for zinc plate for plain and c Faste Class 10.	ed and dry co dry condition eners 9	Clas:	F = Ck
	ues calcul	ated from		lia T=KDF,	Torque Class 4.6 4.6 htening Tor	e-Tens	tion Re	Class 8.8	hip for	K = 0.17 K = 0.20 Metri	for zinc plate for plain and C Faste Class 10. (10.9) ghtening To	ed and dry co dry condition eners 9	Class	F = Ck
	ues calcul	ated from	i formu	Tig	Class 4.6 (4.6) (Dry Plated	e-Tens	tion Re	Class 8.8 8.8 htening Tor Dry Plated	hip for	K = 0.17 K = 0.20 Metri Tij	for zinc plate for plain and ic Faste Class 10. 10.9 ghtening To Dry Plated	ed and dry co dry condition eners 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	Class Class Tightenir Lubed	F = Ck
	ues calcul	lated from	i formu	Tigi Lubed K = 0.15 (ft-libs)	Class 4.6 (4.6) (Dry Plated	e-Tens	tion Re	Class 8.8 8.8 htening Tor Dry Plated	hip for	K = 0.17 K = 0.20 Metri Tij	for zinc plate for plain and Class 10. (10.9) ghtening To Dry Plated 5 K = 0.17	ed and dry co dry condition eners 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	Class Class Tightenir Lubed	F = Ck
	ues calcul	Nominal Dia. (mm) 3	Pitch	Tig Lubed K = 0.15 (ft-lbs) 0.28	where Torqu Class 4.6 4.6 Mening Tor Dry Plated K = 0.17 (ft-lbs) 0.32	e-Tens	tion Re Tig Lubed K = 0.15 (ft-lbs) 0.73	Alations Class 8.8 (1) Class 8	hip for pry plain K = 0.20 (ft-lbs) 0.97	K = 0.17 K = 0.20 Metri Lubed K = 0.13 (ft-lbs) 1.0	for zinc plate for plain and c Faste Class 10. (10.9) (10	end and dry co dry condition eners 9 Dry plain K = 0.20 (ft-lbs) 1.4	Clas Clas Tightenir Lubed K = 0.15 (ft-lbs) 1.2	F = Ck s 12.9 2.9 Ig Torque Dry plain K = 0.20 (ft-lbs) 1.6
	ues calcul	Nominal Dia. (mm) 3.5	Pitch	Tigl Lubed K = 0.15 (ft-lbs) 0.28 0.44	Torqu Class 4.6 4.6 Mening Tor Dry Plated K = 0.17 (ft-lbs) 0.32 0.50	e-Tens	Tig Lubed K = 0.15 (ft-lbs) 0.73 1.1	Hations Class 8.8 8.8 htening Tor Dry Plated K = 0.17 (ft-lbs) 0.82 1.3	que Dry plain K = 0.20 (ft-lbs) 0.97 1.5	K = 0.17 K = 0.20 Metri Lubed K = 0.13 (ft-lbs) 1.0 1.6	tor zinc plate for plain and Class 10. (10.9) (10.9	eners P prque pry plain K = 0.20 (ft-lbs) 1.4 2.2	Class Tightenin Lubed K = 0.15 (ft-lbs) 1.2 1.9	F = Ck s 12.9 2.9 Dry plain K = 0.20 (ft-lbs) 1.16 2.5
	ues calcul	Nominal Dia. (mm) 3 3.5 4	Pitch 0.5 0.6 0.7	Tigi Lubed K = 0.15 (ft-lbs) 0.28 0.44 0.66	Torqu Class 4.6 4.6 4.6 Mening Tor Drg Plated K = 0.17 (ft-lbs) 0.32 0.50 0.74	e-Tens	Tig Lubed K = 0.15 (ft-lbs) 0.73 1.1 1.7	Elations Class 8.8 8.8 httening Tor Dry Plated K = 0.17 (ft-lbs) 0.82 1.3 1.9	hip for pry plain K = 0.20 (ft-lbs) 0.97 1.5 2.3	K = 0.17 K = 0.20 Metri Lubed K = 0.13 (ft-lbs) 1.0 1.6 2.4	tor zinc plate for plain and Class 10. (10.9) (10.9	et and dry co dry condition eners 9 brque Dry plain K = 0.20 (ft-lios) 1.4 2.2 3.2	Class Tightenin Lubed K = 0.15 (ft-lbs) 1.2 1.9 2.8	F = Ck s 12.9 2.9 bry plain K = 0.20 (ft-lbs) 1.6 2.5 3.8
	ues calcul	Nominal Dia. (mm) 3.5 4 5	Pitch 0.5 0.6 0.7 0.8	Tigl Lubed K = 0.15 (ft-lbs) 0.28 0.44 0.66 1.3	Torqu Class 4.6 4.6 4.6 0.70 0.71 0.50 0.74	e-Tens pue Dry plain K = 0.20 (ft-lbs) 0.59 0.57 1.8	Tig Lubed K = 0.15 (ft-lbs) 0.73 1.1 1.7 3.4	Elations Class 8.8 8.8 httening Tor Dry Plated K = 0.17 (ft-lbs) 0.82 1.3 1.9 3.9	hip for Dry plain K = 0.20 (ft-lbs) 0.97 1.5 2.3 4.5	K = 0.17 K = 0.20 Metri Lubed K = 0.13 (ft-lbs) 1.0 1.6 2.4 4.9	tor zinc plate for plain and Class 10. (10.9) (10.9	et and dry co dry condition eners 9 broue Dry plain K = 0.20 (ft-lbs) 1.4 2.2 3.2 6.5	Class Tightenin Lubed K = 0.15 (ft-lbs) 1.2 1.9 2.8 5.7	F = Ck s 12.9 2.9 Dry plain K = 0.20 (ft-lbs) 1.6 2.5 3.8 7.6
	ues calcul	Nominal Dia. (mm) 3.5 4 5 6	Pitch 0.5 0.6 0.7 0.8 1	Tigl Lubed K = 0.15 (ft-lbs) 0.28 0.46 1.3 2.3	Torqui Class 4.6 4.6 Htening Tor Dry Plated K = 0.17 (ft.lbs) 0.32 0.50 0.71 1.5 2.6	que Dry plain K = 0.20 (ft-lbs) 0.38 0.59 0.87 1.8 3.0	Tigg Lubed K = 0.15 (ft-lbs) 0.73 1.1 1.7 3.4 5.8	Elations Class 8.8 Renning Tor Dry Plated K = 0.17 (ft-lbs) 0.82 1.3 1.9 6.6	Aue Dry plain K = 0.20 (ft-lbs) 0.97 1.5 2.3 4.5 7.7	K = 0.17 K = 0.20 Metri Lubed K = 0.13 (ft-lbs) 1.0 1.6 2.4 4.9 8.3	for zinc plate and for plain and Class 10. (10.9) (ed and dry co dry condition eners 9 Dry plain K = 0.20 (ft-lbs) 1.4 2.2 3.2 6.5 11	Class Tightenir Lubed K = 0.15 (ft-lbs) 1.2 1.9 2.8 5.7 9.7	F = Ck s 12.9 2.9 Dry plain K = 0.20 (ft-lbs) 1.6 2.5 3.8 7.6 13
	ues calcul	Nominal Dia. (mm) 3.5 4 5 6 6	Pitch 0.5 0.6 0.7 0.8 1 1.25	Tigi Lubed K = 0.15 (ft-lbs) 0.28 0.44 0.66 1.3 2.3 2.1	Torqu Class 4.6 4.6 4.6 4.6 0.9 Plated K = 0.17 (ff-lbs) 0.50 0.74 1.5 2.6 2.3	e-Tens pry plain K = 0.20 (ft-lbs) 0.38 0.59 0.87 1.8 3.0 2.7	Tig Lubed K = 0.15 (ft-lbs) 0.73 1.1 1.7 3.4 5.8 5.3	Elations Class 8.8 8.8 htening Tor Dry Plated K = 0.17 (ft-lbs) 0.82 1.3 1.9 3.9 6.6 6.6 6.0	Aue Dry plain K = 0.20 (ft-lbs) 0.97 1.5 2.3 4.5 7.7 7.0	K = 0.17 K = 0.20 Metri Lubed K = 0.12 10 10 1.6 2.4 4.9 8.3 7.6	for zinc plate and for plain and Class 10. (10.9) (10.9) (10.9) (11.0) (11.0) (11.0) (1.2) (1.2) (1.2) (1.2) (1.2) (1.2) (1.3) (2.7) (5.5) (3.4) (3.6)	et and dry co dry condition eners 9 Dry plain K = 0.20 (ft-lbs) 1.14 2.2 3.2 6.5 11	Class Tightenin Lubed K = 0.15 (ft-lbs) 1.2 1.9 2.8 5.7 9.7 8.8	F = Ck s 12.9 2.9 big Torque Dry plain K = 0.20 (ft-lbs) 1.16 2.5 3.8 7.6 13 12
	ues calcul	Nominal Dia. (mm) 3.5 4 5 6 6 6 7	Pitch 0.5 0.6 0.7 0.8 1 1.25 1	Tigg Lubed K = 0.15 (ft-lbs) 0.28 0.44 0.66 1.3 2.3 2.1 3.8	where Torqu Class 4.6 4.6 Thening Tor Drg Plated K = 0.17 (ft-lbs) 0.32 0.50 0.74 1.5 2.8 4.3	que Dry plain K = 0.20 (ft-lbs) 0.38 0.59 0.87 1.8 3.0 2.7 5.0	Tig Lubed K = 0.15 (ft-lbs) 0.73 1.1 1.7 3.4 5.8 5.3 9.7	Elations Class 8.8 8.8 httening Tor Dry Plated K = 0.17 (ft-lbs) 0.82 1.3 1.9 3.9 6.6 6.0 11	que Dry plain K = 0.20 (ft-lbs) 0.97 1.5 2.3 4.5 7.7 7.0 13	K = 0.17 K = 0.20 Metri Lubed K = 0.11 (ft-lbs) 1.0 1.6 2.4 4.9 8.3 7.6 14	for zinc plain and c Faste Class 10. 0.9 gritening To 0.9 1.2 1.9 2.7 5.5 9.4 8.6 16	et and dry cc dry condition eners 9 bry plain K = 0.20 (ft-lbs) 1.4 2.2 3.2 6.5 11 10 19	Clas Tightenir Lubed K = 0.15 (ft-lbs) 1.9 2.8 5.7 9.7 8.8 16	F = Ck s 12.9 2.9 Jry plain K = 0.20 (ft-lbs) 1.6 2.5 3.8 7.6 13 12 22
	ues calcul	Nominal Dia. (mm) 3.5 4 5 6 6	Pitch 0.5 0.6 0.7 0.8 1 1.25 1 1	Tigi Lubed K = 0.15 (ft-lbs) 0.28 0.44 0.66 1.3 2.3 2.1	Torqu Class 4.6 4.6 4.6 4.6 0.9 Plated K = 0.17 (ff-lbs) 0.50 0.74 1.5 2.6 2.3	que Dry plain K = 0.20 (ft-lbs) 0.59 0.87 1.8 3.0 2.7 5.0 7.8	Tig Lubed K = 0.15 (ft-lbs) 0.73 1.1 1.7 3.4 5.8 5.3	Elations Class 8.8 8.8 htening Tor Dry Plated K = 0.17 (ft-lbs) 0.82 1.3 1.9 3.9 6.6 6.6 6.0	Aue Dry plain K = 0.20 (ft-lbs) 0.97 1.5 2.3 4.5 7.7 7.0	K = 0.17 K = 0.20 Metri Lubed K = 0.12 10 10 1.6 2.4 4.9 8.3 7.6	for zinc plate and for plain and Class 10. (10.9) (10.9) (10.9) (11.0) (11.0) (11.0) (1.2) (1.2) (1.2) (1.2) (1.2) (1.2) (1.3) (2.7) (5.5) (3.4) (3.6)	et and dry co dry condition eners 9 Dry plain K = 0.20 (ft-lbs) 1.14 2.2 3.2 6.5 11	Class Tightenin Lubed K = 0.15 (ft-lbs) 1.2 1.9 2.8 5.7 9.7 8.8	F = Ck s 12.9 2.9 big Torque Dry plain K = 0.20 (ft-lbs) 1.16 2.5 3.8 7.6 13 12
	ues calcul	Vorninal Dia. (mm) 3.5 4 5 6 6 6 6 7 7 8 8 8	Pitch 0.5 0.6 0.7 0.8 1 1.25 1	Tig Lubed K = 0.15 (ft-lbs) 0.28 0.44 0.66 1.3 2.3 2.1 3.8 5.9	Torqu Class 4.6 4.6 4.6 4.6 0.50 0.50 0.74 1.5 2.3 4.3 6.6	que Dry plain K = 0.20 (ft-lbs) 0.38 0.59 0.87 1.8 3.0 2.7 5.0	Tig Lubed K = 0.15 (ft-lbs) 0.73 1.1 1.7 3.4 5.8 5.3 9.7 15	Elations Class 8.8 8.8 httening Tor Dry Plated K = 0.17 (ft-lbs) 0.82 1.3 1.9 3.9 6.6 6.0 11 11	hip for pry plain K = 0.20 (ft-lbs) 0.97 1.5 2.3 4.5 7.7 7.0 13 20	K = 0.17 K = 0.20 Metri Lubed K = 0.15 (ft-lbs) 1.0 1.6 2.4 4.9 8.3 7.6 14 2.4	for zinc plain and for plain and Class 10. (0.9) gritering To Dry Plated 5 K = 0.17 (ft-lbs) 1.2 1.9 2.7 5.5 9.4 8.6 16 24	et and dry co dry condition eners 9 brouve 0ry plain K = 0.20 (ft-lbs) 1.4 2.2 3.2 6.5 11 10 19 29	Clas Tightenin Lubed K = 0.15 (ft-lbs) 1.2 1.9 2.8 5.7 9.7 8.8 16 25	F = Ck s 12.9 2.9 Dry plain K = 0.20 (ft-lbs) 1.6 2.5 3.8 7.6 13 12 22 34
	ues calcul	Vorninal Dia. (mm) 3.5 4 5 6 6 6 6 7 7 8 8 8	Pitch 0.5 0.6 0.7 0.8 1 1.25 1 1.25	Tigl Lubed K = 0.15 (ft-lbs) 0.28 0.44 0.66 1.3 2.3 2.1 3.8 5.9 5.5	Torqui Class 4.6 4.6 4.6 0.70 Plated K = 0.71 (ft-lb.7) 0.50 0.70 1.5 2.6 2.3 4.3 4.6	que Dry plain K = 0.20 (ft-lbs) 0.38 0.59 0.87 1.8 3.0 2.7 5.0 7.8 7.3	Tig Lubed K = 0.15 (ft-lbs) 0.73 1.1 1.7 3.4 5.8 5.3 9.7 15 15 14	Elations Class 8.8 Renning Tor Dry Plated K = 0.17 (ft-lbs) 0.82 1.3 1.9 6.6 6.0 11 17 16	Aue Dry plain K = 0.20 (ft-lks) 0.97 1.5 2.3 4.5 7.7 7.0 13 20 19	K = 0.17 K = 0.20 Metri Lubed K = 0.13 (ft-lbs) 1.0 1.6 2.4 8.3 7.6 14 22 20	for zinc plate and for plain and Class 10. (10.9) (ed and dry co dry condition eners 9 Dry plain K = 0.20 (ft-lbs) 1.4 2.2 3.2 6.5 11 10 19 29 27	Class Tightenin Lubed K = 0.15 (ft-lbs) 1.2 1.9 2.8 5.7 9.7 8.8 16 25 25 24	F = Ck s 12.9 2.9 2.9 2.9 3.7 Torque Dry plain K = 0.20 (ft-lbs) 1.6 2.5 3.8 7.6 13 12 22 34 31
	ues calcul	Norminal Dia. (mm) 3 3.5 4 5 6 6 7 8 8 8 10	Pitch 0.5 0.6 0.7 0.8 1 1.25 1.25	Tigg Lubed K = 0.15 (ft-lbs) 0.28 0.44 0.66 1.3 2.3 2.1 3.8 5.5 11 11 21	Torqu Class 4.6 4.6 4.6 1000000000000000000000000000000000000	que Dry plain K = 0.20 (ft-lbs) 0.38 0.59 0.87 1.8 3.0 2.7 5.0 7.8 7.3 15 14 28	Tig Lubed K = 0.15 (ft-lbs) 0.73 1.1 1.7 3.4 5.8 5.3 9.7 15 14 29 28 53	Elations Class 8.8 8.8 htening Tor Dry Plated K = 0.17 (ft-lbs) 0.82 1.3 1.9 3.9 6.6 6.0 11 17 16 33 22 60	hip for pry plain K = 0.20 (ft-lbs) 0.97 1.5 2.3 4.5 7.7 7.0 13 20 19 39 37 71	K = 0.17 K = 0.20 Metri Lubed K = 0.14 (ft-lbs) 1.0 1.6 2.4 4.9 8.3 7.6 14 22 20 42 40 76	for zinc plain and for plain and Class 10. (10.9) (et and dry cc dry condition eners 9 0 0 0 1 4 2 2 3 2 6.5 11 10 19 29 27 56 53 101	Class Tightenir Lubed K = 0.15 (ft-lbs) 1.2 1.9 2.8 5.7 9.7 8.8 5.7 9.7 8.8 16 25 24 47 89	F = Ck s 12.9 2.9 bry plain K = 0.20 (ft-lbs) 1.6 2.5 3.8 7.6 13 12 22 34 31 66 66 62 119
	ues calcul	Nominal Dia. (mm) 3 3.5 4 5 6 6 6 6 6 6 6 6 7 7 8 8 8 10 10 12 12	Pitch 0.5 0.6 0.7 0.8 1 1.25 1.25 1.25 1.5	Tigl Lubed K = 0.15 (ft-lbs) 0.28 0.44 0.66 1.3 2.3 2.1 3.8 5.9 5.5 11 11 11 21 20	Torqui Class 4.6 4.6 4.6 4.6 4.6 1000000000000000000000000000000000000	e-Tens pry plain K = 0.20 (ft-lbs) 0.38 0.59 0.87 1.8 3.0 2.7 5.0 7.8 7.3 15 14 28 26	Tig Lubed K = 0.15 (ft-lbs) 0.73 1.1 1.7 3.4 5.8 5.3 9.7 15 15 15 14 29 28 53 51	Elations Class 8.8 8.8 Intering Tor Dry Plated K = 0.17 (ft-lbs) 0.82 1.3 1.9 6.6 6.0 11 17 16 33 32 260 58	hip for Dry plain K = 0.20 (ft-lks) 0.97 1.5 2.3 4.5 7.7 7.0 13 20 19 39 37 71 68	K = 0.17 K = 0.20 Metri Lubed K = 0.13 (ft-lbs) 1.0 1.6 2.4 4.3 7.6 14 2.2 20 42 40 76 73	for zinc plate and for plain and class 10. (10.9) (et and dry co dry condition eners 9 Dry plain K = 0.20 (ft-lbs) 1.4 2.2 3.2 6.5 11 10 19 29 27 56 53 101 97	Class Tightenin Lubed K = 0.15 (ft-lbs) 1.2 1.9 2.8 5.7 9.7 8.8 16 25 22 4 49 47 49 85	F = Ck s 12.9 2.9 2.9 3.7 3.8 7.6 1.3 1.2 2.2 3.4 3.1 66 62 1.19 1.13
	ues calcul	Nominal Dia. (mm) 3 3.5 4 5 6 6 6 7 7 8 8 8 10 10 12 12 12	Pitch 0.5 0.6 0.7 1.25 1.25 1.25 1.5 1.5 1.75	Tig Lubed K = 0.15 (ft-lbs) 0.28 0.44 0.66 1.3 2.3 2.1 3.8 5.9 5.5 11 11 20 19	Torqui Class 4.6 4.6 4.6 4.6 4.6 0.7 0.32 0.50 0.74 1.5 2.3 4.3 6.6 13 12 23 22 21	e-Tens py plain K = 0.20 (ft-lbs) 0.38 0.59 0.87 1.8 3.0 2.7 5.0 7.8 7.3 15 14 28 26 25	Tig Lubed K = 0.15 (ft-lbs) 0.73 1.1 1.7 3.4 5.3 9.7 15 5.8 5.3 9.7 15 14 29 28 53 51 49	Plations Class 8.8 8.8 Mathematical Stress S	hip for Dry plain K = 0.20 (ft-lbs) 0.97 1.5 2.3 4.5 7.7 7.0 13 20 19 39 37 71 68 65	K = 0.17 K = 0.20 Metri Lubed K = 0.15 (ft-lbs) 1.6 2.4 4.9 8.3 7.6 14 22 20 42 40 76 73 70	for zinc plate and for plain and Class 10. (10.9) (et and dry cc dry condition eners 9 Dry plain K = 0.20 (ft-lbs) 11 10 19 29 27 56 53 101 19 27 56 53 101 19 9 27 56 53 101 107 107 107 107 107 107 107	Class Tightenin Lubed K = 0.15 (ft-lbs) 1.2 1.9 2.8 5.7 9.7 8.8 16 25 24 49 47 89 85 81	F = Ck s 12.9 2.9 3.7 3.8 Torque Dry plain K = 0.20 (ft-lbs) 1.8 2.5 3.8 7.6 13 12 22 34 31 66 62 119 113 108
	ues calcul	Vorninal Dia. (mm) 3.3.5 4 5 6 6 6 7 7 8 8 8 10 10 10 12 12 12 12 14	Pitch 0.5 0.6 0.7 0.8 1 1.25 1.25 1.25 1.25 1.25 1.25 1.25 1.25	Tigl Lubed K = 0.15 (ft-lbs) 0.44 0.66 1.3 2.3 2.1 3.8 5.9 5.9 5.9 5.9 11 11 11 21 20 19 26	Torqu Class 4.6 4.6 4.6 0.32 0.74 1.5 2.3 4.3 6.6 6.2 13 12 23 22 21 29	e-Tens py plain K = 0.20 (ft-lbs) 0.38 0.59 0.87 1.8 3.0 2.7 5.0 7.8 7.3 15 14 28 26 34	Tig Lubed K = 0.15 (ft-lbs) 0.73 1.1 1.7 3.4 5.8 5.3 9.7 15 14 29 28 53 51 14 29 28 53 51 49 66	Plations Class 8.8 8.8 Mathematical Stress 8.8 8.8 Image: stress 8.8	Aue Dry plain K = 0.20 (ft-lbs) 0.97 1.5 2.3 4.5 7.7 7.0 13 20 19 39 37 71 68 89	K = 0.17 K = 0.20 Metri Lubed K = 0.14 (ft-lbs) 1.0 1.6 2.4 4.9 8.3 7.6 14 222 20 42 40 76 73 70 95	for zinc plain and for plain and Class 10. (10.9) (et and dry cc dry condition eners 9 brouge Dry plain K = 0.20 (ft-lbs) 1.4 2.2 3.2 6.5 11 10 19 29 27 27 56 53 101 9 9 3 127	Class Tightenin Lubed K = 0.15 (ft-lbs) 1.2 (ft-ft-ft-ft-ft-ft-ft-ft-ft-ft-ft-ft-ft-f	F = Ck s 12.9 2.9 ig Torque Dry plain K = 0.20 (ft-lbs) 1.6 2.5 3.8 7.6 13 12 22 34 31 66 62 119 113 108 148
	ues calcul	Nominal Dia. (mm) 3.35 4 5 6 6 6 6 6 7 7 8 8 10 10 12 12 12 12 12 12 14 14	Pitch 0.5 0.6 0.7 1.25 1.25 1.25 1.5 1.25 1.75 1.75 1.75 1.5	Tigg Lubed K = 0.15 (ft-lbs) 0.28 0.44 0.66 1.3 2.3 2.1 3.8 5.9 5.5 11 11 21 20 19 26 28	where Class 4.6 Class 4.2 Class 4.3 Class 4.3 Class 4.3 Class 4.3 Class 4.2 Class 4.3 Class que Dry plain K = 0.20 (ft-lbs) 0.387 1.8 3.0 2.7 5.0 7.8 7.3 15 14 28 26 25 34 37	Tig Lubed K = 0.15 (ft-lbs) 0.73 1.1 1.7 3.4 5.8 5.3 9.7 15 14 29 28 53 51 49 28 53 51 49 66 72	Elations Class 8.8 8.8 htening Tor Dry Plated K = 0.17 (ft-lbs) 0.82 1.3 1.9 3.9 6.6 6.0 11 17 16 33 32 60 58 55 82	hip for pue Dry plain K = 0.20 (ft-lbs) 0.97 1.5 2.3 4.5 7.7 7.0 13 20 19 39 37 71 68 65 89 96	K = 0.17 K = 0.20 Metri Lubed K = 0.14 (ft-lbs) 1.0 1.6 2.4 4.9 8.3 7.6 14 22 20 42 40 76 73 70 95 103	for zinc plain and for plain and Class 10. 0.9 gritering To Dry Plated 5 K = 0.17 (ft-lbs) 1.2 1.9 2.7 5.5 9.4 8.6 16 16 24 23 48 45 86 86 82 79 108 117	et and dry cc dry condition eners 9 0 0 0 1 4 2 2 3 2 6.5 11 10 19 29 27 56 53 101 97 93 127 138	Clas Tightenir Lubed K = 0.15 (ft-lbs) 1.2 1.9 2.8 5.7 9.7 8.8 16 25 24 49 47 89 85 81 111 121	F = Ck s 12.9 2.9 3 g Torque Dry plain K = 0.20 (ft-lbs) 1.6 2.5 3.8 7.6 13 12 22 34 31 66 66 62 119 113 108 148 161	
	ues calcul	Nominal Dia. (mm) 3 3 5 6 6 6 6 6 6 6 6 6 7 7 8 8 8 10 10 10 12 12 12 12 12 12 14 14	Pitch 0.5 0.6 0.7 1.25 1.25 1.25 1.25 1.25 1.25 1.5 1.25 2	Tigl Lubed K = 0.15 (ft-lbs) 0.28 0.44 0.66 1.3 2.3 2.1 3.8 5.9 5.5 11 11 11 21 20 19 26 28 30	Torqui Class 4.6 4.6 4.6 4.6 4.6 0.7 0.7 0.70 0.71 0.75 0.75 0.75 0.75 0.74 1.5 2.6 2.3 4.3 6.6 6.2 13 12 23 22 21 29 32 34	e-Tens pry plain K = 0.20 (ft-lbs) 0.38 0.59 0.87 1.8 3.0 2.7 5.0 7.8 7.3 15 14 28 26 25 34 40	Tig Lubed K = 0.15 (ft-lbs) 0.73 1.1 1.7 3.4 5.8 5.3 9.7 15 15 14 29 28 53 51 14 29 28 53 51 49 66 72 72 78	Elations Class 8.8 8.8 Patening Tor Dry Plated K = 0.17 (ft-lbs) 0.82 1.3 1.9 6.6 6.0 11 17 16 33 32 260 58 55 75 82 88	hip for Dry plain K = 0.20 (ft-lks) 0.97 1.5 2.3 4.5 7.7 7.0 13 20 19 39 37 71 168 65 89 96 104	K = 0.17 K = 0.20 Metri Lubed K = 0.13 (ft-lbs) 1.0 1.6 2.4 4.9 4.9 4.9 4.9 4.2 20 42 40 76 73 70 95 103 111	for zinc plate and for plain and class 10. (10.9) (et and dry co dry condition eners 9 broue Dry plain K = 0.20 (ft-lbs) 1.4 2.2 3.2 6.5 11 10 19 29 27 56 53 10 10 19 27 56 53 10 10 19 27 56 53 10 10 10 10 10 10 10 10 10 10	Class Tightenin Lubed K = 0.15 (ft-lbs) 1.2 1.9 2.8 5.7 9.7 8.8 16 25 24 49 47 47 88 85 81 111 121 130	F = Ck s 12.9 2.9 2.9 3.1 Torque Dry plain K = 0.20 (ft-lbs) 1.6 2.5 3.8 7.6 13 12 22 34 31 66 62 119 113 108 148 161 173
	ues calcul	Nominal Dia. (mm) 3 3.5 4 5 6 6 6 6 6 6 6 7 7 8 8 8 10 10 12 12 12 12 12 12 12 14 14 14	Pitch 0.5 0.8 1.25 1.5 1.25 1.5 1.25 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.	Tig Lubed K = 0.15 (ft-lbs) 0.28 0.44 0.66 1.3 2.3 2.1 3.8 5.9 5.9 5.9 11 11 21 20 19 26 28 30 50	Torqui Class 4.6 4.6 4.6 4.6 4.6 1000000000000000000000000000000000000	e-Tens que Dry plain K = 0.20 (ft-lbs) 0.38 0.59 0.87 1.8 3.0 2.7 5.0 7.8 3.0 2.7 5.0 7.3 15 14 28 26 25 34 37 40 67	Tig Lubed K = 0.15 (ft-lbs) 0.73 1.1 1.7 3.4 5.8 5.3 9.7 15 4 5.3 9.7 15 14 29 28 53 53 53 53 53 9.7 15 49 66 72 28 53 53 129	Plations Class 8.8 8.8 Antening Tor Dry Plated K = 0.17 (ff-lbs) 0.82 1.3 1.9 3.9 6.6 6.0 11 17 33 32 60 55 75 82 88 146	hip for pue Dry plain K = 0.20 (ft-lbs) 0.97 1.5 2.3 4.5 7.7 7.0 13 20 0.9 7.7 7.0 13 20 99 68 65 89 96 65 89 96 104 171	K = 0.17 K = 0.20 Metri Lubed K = 0.15 (ft-lbs) 1.6 2.4 4.9 8.3 7.6 14 220 42 40 76 70 95 103 111 184	for zinc plain and c Faste Class 10. (10.9 ghtening To Dry Plated 5 K = 0.17 (ft-lbs) 1.9 2.7 5.5 9.4 8.6 16 243 48 45 86 108 117 126 208	et and dry cc dry condition eners 9 0 0 0 0 0 1 1 1 0 1 1 1 1 1 0 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1	Class Tightenin Lubed K = 0.15 (ft-lbs) 1.2 1.9 2.8 5.7 9.7 8.8 16 25 24 49 47 89 85 81 111 121 130 215	F = Ck s 12.9 2.9 3.7 3.8 Torque Dry plain K = 0.20 (ft-lbs) 1.6 2.5 3.8 7.6 13 12 22 34 31 66 62 119 113 108 148 161 173 287
	ues calcul	Nominal Dia. (mm) 3 3.5 4 5 6 6 6 6 7 7 8 8 8 10 10 10 12 12 12 12 12 12 14 14 14 16 16	Pitch 0.5 0.6 0.7 0.8 1 1.25 1.25 1.25 1.25 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.	Tigl Lubed K = 0.15 (ft-lbs) 0.66 1.3 2.3 2.1 3.8 5.9 5.9 5.9 5.9 5.9 11 11 11 21 20 26 28 30 50 50 47	Torqu Class 4.6 4.6 4.6 0.32 0.50 0.74 1.5 2.3 4.3 6.6 6.2 13 12 23 22 13 12 23 22 32 34 57 53	e-Tens py plain K = 0.20 (ft-libs) 0.38 0.59 0.87 1.8 3.0 2.7 5.0 7.8 7.3 15 14 28 26 25 34 37 40 67 62	Tig Lubed K = 0.15 (ft-lbs) 0.73 1.1 1.7 3.4 5.8 5.3 9.7 15 14 29 28 53 51 14 29 28 53 51 49 66 72 78 72 78 129 121	Plations Class 8.8 8.8 Note 8.8 Image: state	Aue Dry plain K = 0.20 (ft-lbs) 0.97 1.5 2.3 4.5 7.7 7.0 13 20 19 39 37 71 68 89 96 107 171 161	K = 0.17 K = 0.20 Metri Lubed K = 0.13 (ft-lbs) 1.0 1.6 2.4 4.9 3 7.6 14 222 20 42 40 76 73 70 95 103 1111 184 173	for zinc plain and for plain and Class 10. (10.9) (et and dry cc dry condition eners 9	Class Tightenin Lubed K = 0.15 (ft-lbs) 1.2	F = Ck s 12.9 2.9 ig Torque Dry plain K = 0.20 (ft-lbs) 1.6 2.5 3.8 7.6 13 12 22 34 31 66 62 119 113 108 148 161 173 287 269
	ues calcul	Nominal Dia. (mm) 3.5 4 5 6 6 6 6 7 7 8 8 10 10 12 12 12 12 12 12 12 12 12 14 14 14 16 18	Pitch 0.5 0.6 0.7 0.8 1 1.25 1.5 1.25 1.5 1.25 1.5 2 1.5 2 1.5	Tigg Lubed K = 0.15 (ft-lbs) 0.28 0.44 0.66 1.3 2.3 2.1 3.8 5.9 5.5 11 11 11 21 20 19 26 28 30 50 50 50	Torqu Class 4.6 4.6 4.6 0.32 0.74 1.5 2.3 4.3 6.6 6.2 13 12 23 22 21 29 32 34 57 53	e-Tens py plain K = 0.20 (ft-lbs) 0.38 0.59 0.87 1.8 3.0 2.7 5.0 7.8 7.3 15 14 28 26 25 34 37 40 67 62 97	Tig Lubed K = 0.15 (ft-lbs) 0.73 1.1 1.7 3.4 5.8 5.3 9.7 15 14 29 28 53 51 49 28 53 51 49 28 66 72 78 66 72 78 121 187	Plations Class 8.8 8.8 Notering Tor Dry Plated K = 0.17 (ft-los) 0.82 1.3 1.9 3.9 6.6 6.0 111 17 16 33 32 60 58 55 52 88 146 137 212 212	Aue Dry plain K = 0.20 (ft-lbs) 0.97 1.5 2.3 4.5 7.7 7.0 13 20 19 39 37 711 68 65 68 65 89 96 104 171 161 249	K = 0.17 K = 0.20 Metri Lubed K = 0.14 (ft-lbs) 1.0 1.6 2.4 4.9 8.3 7.6 14 22 20 42 40 76 73 70 95 103 111 184 173 268	for zinc plain and for plain and Class 10. 0.9 gritering To Dry Plated 5 K = 0.17 (ft.lbs) 1.2 1.9 2.7 5.5 9.4 8.6 16 24 23 48 48 45 86 82 79 9 108 117 126 208 117 126 208	et and dry cc dry condition eners 9 0 0 0 1 4 2 2 3 2 6.5 11 10 19 29 27 56 53 101 97 93 127 138 148 245 230 357	Class Tightenir Lubed K = 0.15 (ft-lbs) 1.2 2.8 5.7 9.7 9.7 8.8 16 25 24 49 47 89 85 81 111 121 130 215 202 313	F = Ck s 12.9 2.9 In Torque Dry plain K = 0.20 (ft-lbs) 1.6 2.5 3.8 7.6 13 12 22 34 31 66 62 119 113 108 148 161 173 287 269 417
	ues calcul	Nominal Dia. (mm) 3 3.5 4 5 6 6 6 6 7 7 8 8 8 10 10 10 12 12 12 12 12 12 14 14 14 16 16	Pitch 0.5 0.6 0.7 0.8 1 1.25 1.25 1.25 1.25 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.	Tigl Lubed K = 0.15 (ft-lbs) 0.66 1.3 2.3 2.1 3.8 5.9 5.9 5.9 5.9 5.9 11 11 11 21 20 26 28 30 50 50 47	Torqu Class 4.6 4.6 4.6 0.32 0.50 0.74 1.5 2.3 4.3 6.6 6.2 13 12 23 22 13 12 23 22 32 34 57 53	e-Tens py plain K = 0.20 (ft-libs) 0.38 0.59 0.87 1.8 3.0 2.7 5.0 7.8 7.3 15 14 28 26 25 34 37 40 67 62	Tig Lubed K = 0.15 (ft-lbs) 0.73 1.1 1.7 3.4 5.8 5.3 9.7 15 14 29 28 53 51 14 29 28 53 51 49 66 72 78 72 78 129 121	Plations Class 8.8 8.8 Note 8.8 Image: state	Aue Dry plain K = 0.20 (ft-lbs) 0.97 1.5 2.3 4.5 7.7 7.0 13 20 19 39 37 71 68 89 96 107 171 161	K = 0.17 K = 0.20 Metri Lubed K = 0.13 (ft-lbs) 1.0 1.6 2.4 4.9 3 7.6 14 222 20 42 40 76 73 70 95 103 1111 184 173	for zinc plain and for plain and Class 10. (10.9) (et and dry cc dry condition eners 9	Class Tightenin Lubed K = 0.15 (ft-lbs) 1.2	F = Ck s 12.9 2.9 ig Torque Dry plain K = 0.20 (ft-lbs) 1.6 2.5 3.8 7.6 13 12 22 34 31 66 62 119 113 108 148 161 173 287 269
		Nominal Dia. (mm) 3 3.5 4 5 6 6 6 6 6 6 6 7 7 8 8 8 10 10 12 12 12 12 12 12 12 12 12 12 12 12 12	Pitch 0.5 0.6 0.7 1.25 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.	Tig Lubed K = 0.15 (ft-lbs) 0.28 0.44 0.66 1.3 2.3 2.1 3.8 5.9 5.9 5.9 11 11 21 20 19 26 28 23 2.1 3.8 5.9 5.9 5.9 5.9 11 26 28 30 50 47 73 65 91	Torqui Class 4.6 4.6 4.6 4.6 1000000000000000000000000000000000000	e-Tens que Dry plain K = 0.20 (ft-lbs) 0.38 0.59 0.87 1.8 3.0 2.7 5.0 7.8 3.0 2.7 5.0 7.3 15 14 28 26 25 34 37 40 67 62 97 62 97 62 97 62 122	Tig Lubed K = 0.15 (ft-lbs) 0.73 1.1 1.7 3.4 5.8 5.3 9.7 15 4 5.3 9.7 15 14 29 28 53 53 15 49 66 72 28 53 11 14 29 28 53 15 14 29 28 53 15 14 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 129 121 187 78 129 129 121 187 78 129 129 121 187 78 129 129 121 187 78 129 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 129 129 121 187 78 129 129 121 187 78 129 129 129 121 187 78 129 129 129 129 129 121 187 187 187 187 187 187 187 187 187 18	Plations Class 8.8 8.8 8.8 8.8 8.8 1.9 3.9 6.0 11 17 6.8 6.0 11 17 33 32 60 55 75 82 146 137 212 139 267	hip for pue Dry plain K = 0.20 (ft-lbs) 0.97 1.5 2.3 4.5 7.7 7.0 13 20 99 68 65 89 99 68 65 89 99 68 65 89 99 68 65 89 99 96 104 171 161 2422 314	K = 0.17 K = 0.20 Metri Lubed K = 0.13 (ft-lbs) 1.6 2.4 4.9 1.6 2.4 4.9 7.6 14 220 42 40 76 70 95 103 101 184 173 268 2337	for zinc plate and for plain and class 10. (10.9) (et and dry cc dry condition Prefers 9 0 0 0 0 0 0 0 0 0 0 0 0 0	Class Tightenin Lubed K = 0.15 (ft-lbs) 1.2 1.9 2.8 5.7 9.7 8.8 16 25 49 47 89 85 81 111 121 224 49 47 89 85 81 111 122 231 300 215 202 313 279 394	F = Ck s 12.9 2.9 2.9 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1
		Nominal Dia. (mm) 3 3.5 4 5 6 6 6 6 7 7 8 8 10 10 12 12 12 12 12 12 12 12 12 12 12 12 12	Pitch 0.5 0.6 0.7 0.8 1 1.25 1.25 1.5 1.25 1.5 1.5 1.5 1.5 1.5 1.5 1.5 2.5 2.5 odd cald	Tigg Lubed K = 0.15 (ft-lbs) 0.28 0.44 0.66 1.3 2.3 2.1 3.8 5.9 5.5 5.5 5.5 11 11 11 21 20 28 28 30 30 47 73 65 91 culated as	Torqui Class 4.6 4.6 4.6 4.6 1000000000000000000000000000000000000	e-Tens py plain K = 0.20 (ft-lbs) 0.38 0.59 0.87 1.8 0.39 0.87 1.8 3.0 2.7 5.0 7.8 7.3 15 14 28 26 25 34 37 40 67 62 97 86 122 e proof lo	Tig Lubed K = 0.15 (ft-lbs) 0.73 1.1 1.7 3.4 5.8 5.3 9.7 15 4 5.3 9.7 15 14 29 28 53 53 15 49 66 72 28 53 11 14 29 28 53 15 14 29 28 53 15 14 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 129 121 187 78 129 129 121 187 78 129 129 121 187 78 129 129 121 187 78 129 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 121 187 78 129 129 129 121 187 78 129 129 121 187 78 129 129 129 121 187 78 129 129 129 129 129 121 187 187 187 187 187 187 187 187 187 18	Plations Class 8.8 8.8 8.8 8.8 8.8 1.9 3.9 6.0 11 17 6.8 6.0 11 17 33 32 60 55 75 82 146 137 212 139 267	hip for aue Dry plain K = 0.20 (ft-lbs) 0.23 4.5 2.3 4.5 7.7 7.0 13 20 19 39 37 71 68 89 96 104 171 161 249 222 314 K = 0.15	K = 0.17 K = 0.20 Metri Lubed K = 0.13 (ft-lbs) 1.6 2.4 4.9 7.6 14 22 40 76 76 14 22 40 76 70 95 103 1114 173 268 239 337 for "lubrid	for zinc plain and c Faste Class 10. (10.9) ghtening To Dry Plated 5 K = 0.17 (ft-lbs) 1.9 2.7 5.5 9.4 8.6 16 24 24 48 45 86 82 82 108 117 126 208 108 117 126 208 108 117 126 208 208 208 208 208 208 208 208	et and dry cc dry condition Prefers 9 0 0 0 0 0 0 0 0 0 0 0 0 0	Class Tightenin Lubed K = 0.15 (ft-lbs) 1.2	F = Ck s 12.9 2.9 g Torque Dry plain K = 0.20 (ft-lbs) 1.6 2.5 3.8 7.6 13 12 22 34 31 66 62 119 113 108 148 161 173 287 269 417 372 525 al Diameter

@ 6F=75H+CB⁻F97CAA9B85H+CBG

89G7F=DH=CB	5 DD@75H+CB	;9B9F5@GD97 <i>≒ =</i> 75H=CB	F97CAA9B898 AC6 <i>=</i> @@t6F <i>=</i> 75BH
V¦æ&o[¦ÁR^妿ĕ∣&&∙	Ü^∙^¦ç[ã	RÖËG€Ô TØÁTFFHÍÊÄTFFIF ØÞPTGÔFHIÖÁØØÞPG€FD	T[àậh-ĭãåíÁiGi
T[,^\AP^妿ĕ && Ô[åÁ/^{]^¦æĕ` ^^ Þ[¦{æ‡Á/^{]^¦æĕ`	●Á€»ØÁĴæċďÄV]	OùUÁIÎÁOE;o8ËY^æ'EŠ[,Á^{] RÖËG€Ô TØÁTFFHÍÉATFFIF ØÞPÁTGÔFHIÖÁØ2ÞPG€FD	T[àậ4ÖVÒÁ≂ÍT T[àậ∔ĭãaÁiGi
Þ[¦{æ‡Á^{]^¦æeč Pāt@ÁU]^¦æeāj*Á/^	¦^•ÁFÍ »ØÁÛæ÷dË/\] {]È40Ea[ç^Á∮€»Ø —————————————————————	ØPPAIGOFHIOA,ØPPGEFD QùUÁÎÂOB; αËΥ^æi QùUÁF€€ÁOB; αËΥ^æi	T[àậÁÖVÒÁGÍ T[àậÁÖVÒÁRÌT
ئæijĨÁÜ^æŀÍÕ^æià[¢	Õ¦^æ^	ÚŒIJÂŨ^}c@@cඎÂÔ¢d^{^ Ú¦^∙∙`¦^ÁÕ^ælÁŠ`à^	T[àậÁÙPÔÂÍÝËD€ T[àậÁFÙ^}co@ca&ÁÕ^ad-
Ô゙╓ヘ\ÂÙ@œơÆÂÕ\[`}å Ü[^\ÂÛ@œơÂÇA@aajD	Õ¦^æ^ÁÕ`}	Šão@ã{ËÔ[{] ^ơ^ Ò¢d^{^ÁÚ¦^••`¦^ ÞŠÕQÄÄÄQÙUÁHG€	T[àậ*¦^æ•^ÁÔTËÙ
Ö¦ãç^ÁÙ@eee∕Ô[č] ^¦ Ç2 æãi/æ)åÅÜ[œe^D	Õ¦^æ^ÁÕ`}	Šãc@ã{ËÔ[{] ^¢ Ò¢d^{ ^ÁÚ¦^••`¦^ ÞŠÕCÁGÁÉÁQÙUÁHG€	T[àậ*¦^æ•^AÔTËÙ
Ö¦ãç^ÁÙ@eeoÁŸ[∖^Ê WëbjājoÁBÁÙčàÁÙ@eec	Õ¦^æ^ÁÕັ`}	Šãc@ã{ËÔ[{] ^¢ Ò¢d^{ ^ÁÚ¦^••`¦^ ÞŠÕCÁGÁÉÁÓÙUÁHG€	T[àậ*¦^æ•^AÔTËÙ
Ö^&∖ÂĴJ∄åå ^ÁÇÜ[œel^D	Õ¦^æ^ÁÕ`}	Vãt^¦ÁÚæloÁÚ]jājå ^ÁŠčà¦a&æa);c ÚæloÁ⊋č{à^¦Á€ÎÍI €€€€	T[àäña@ÂÛPÔÁGG€
ŮŎŎÁIJU VŒIJŸ	Tæĝ	c^}æ)&^ÁÙ^&cą[}ÁË∓€	

A 5 = BH9 B 5 B 7 9

DC @M75F6CB5H9'75F9'/ 'A5=BH9B5B79

V@:Á] ¦[] ¦āt cæ¦^Á/MX.Áæ) åÁOEa ¦æe ā[} ÁÜ^+ã cæ) c⁄+*` ¦-æ&^Á&[ææ]; * Á[} ÁÙPOÒŠÖÙÁÙWÚÒÜÔUO5VÒÖÁ] [|^&æà[}æ&^ • ãt } ãa3&æ) d^Áā[] ¦[ç^+Á]^ ¦-{ ¦{ æ} &^ÈÚ^¦ā[å ã&Á&|^æ] ā] * Á* • ā] * Á' i] ^¦Á] ¦[&^å*` ¦^+Áæ) åÁ&[{] ææâi|^Á&|^æ} ^¦+Áæ^ |^&[{ { ^} å^åÁa[Á, ¦[|[] * Á, ^¦çã&^Áã^ÈVã ^¦ÁÔ[¦] ÈÅ[| ^&æàà[} ææ^ÁáaÁWÚÒÜÔUO5VÒÖÁ[} Áa[c@Á*ãa^+È

7 @95 B=B; H<9 GI D9F7 C5H <5 F8!7 C5H

FÈ Yæe @Á,ão@Ásaá,ã‡åÁ[|ĭcā];Á(-Á([æ];Á(:Áå^c^*^);óAs);åÁ`\^,æ{{ Á;æe^\È

- CÈ W+ā] * ÁsaÁ [-oÁ&][o@á, \Á][} * ^Ê* ^} d^ Á, æ @ás@ Á @ ^oáţ Á[[•^} Ásāoása) å Á*; āţ ^Ása) å Áāj ^Á, ^||Á ão@á&| ^æ) Á ; æe^\È
- HÈ V[Á,¦^ç^}ơ´, æe^\'Á][ccā,*Éás@;¦[`*@;Áå;¦^Á, ãc@á&@æe;[ã:Á,¦Á&^||`|[•^Á][}*^È
- IÈ Cīç[ãåÁv@Á•A¼,Áæà¦æ•ãç^Á&ų^æ}^\+ĒA´`^^*^^ Áæà;å⊕¦Á(c@¦Á&ų^æ;ð;ð;*Áų]|^{ { ^} @ Áx@ææá, æêá, æâ4, káť[`*^Á c@ Á&[æāj*È

7 @95 B=B; `5; 9 BHG`K < =7 < `<5 J9`699 B`: CIB8`HC`69`7 CAD5 H=6 @9`IB89 F`@56 CF5 HCFM 7 CB8 =H=CBG.

″ CE `^[`•ÂÛ[|`cā[}•Á[-ÂÛ[aa]•Áaa)åÁÖ^♂*^}œ

	Yậåå^¢	V[]ÁR[à	R[^	T¦ÈÉÔ ^æ)
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"	U¦*æ);88ÁÛ[ç^}o Óĭcî ÁÔ^ [●[ç^ Þ^ ^&[ËÚ æ&^¦	S^¦[•^} ^ V″ ¦&Į Ấ€I G	P^¢^∣Êð2ÈJÈÁÍI	Þæ}@c@exk∮QXTBÚÁÖ¦æå^D

″CE48[@2|• T^c@2e)[| @[]¦[]^|

CE|Á^•ãã ǎaþÁ;¦*æ) ã&Á[lç^} o•Á @[ǎlàà^Á^{ [ç^åÅ ão@áæÁ^&[}åæ}^Áð] •^È

; F5::**+**+F9ACJ5@

Ó č |Á&^||[•[|ç^ÁG;|¦Á^{ [çæ‡Á;|Á,æā)orÊ4,æd\ā]*Á,^}Á9,\•Ê4a]•a3&\Ê4\a&È4a]•a3&\Ê4\a&È5A/@Á•^Á;-Á;æ•\ā]*Áæa]^Ê5aaå@•ãç^Áæa]^ [¦Áā]\Á^{ [çæ‡Át[[•Á,[¦\Á,^||Át[¦Áãaā]*Á,~Á;|åÁ,^æc@;|^åÁ,æa3]orÈ

QÁœÁ(ær/iāæd/āsÁ[ː}åÁ[Ás)&[{]æaāi|^Áb)Áœé+@[¦dēr/i{Ár•dÉAãrÁ;āļ|Á•čæq|^Áb;^Át[č}åÁ[Ás/Áb)&[{]æaāi|^Áb)Á@ -æ]åĚŽV@Á&[}ç^¦•^ÉŽ@[,^ç^¦ÉŽāsÁ][oÁæ];æê•Át`^ÈŽØæç[¦æài|^Á]^¦-[¦{æ}}&^ÁārÁ,[Átčædæ);c^Ác@æÁæ&čædÁ*}åË•^ &[}åãāā]}•Á@æç^Áà^}Áåč]]&&æråĚÄV@¦^-[¦^ÉÄc@•^Á¦^•č]oFA•@[č]åÁà^Áč•^åÁæéÁæéÅě*čædÁ*}åË*^ &[}&[{ { ^}å^åÁs@æaÁ@Á•^¦Ár•oKa@Á,i[åč&oÁ}å^¦Åæ&čædÁ*}åË•^Á&[}åãāa]}•È

ŬØÖÁÜU VOEÜŸ

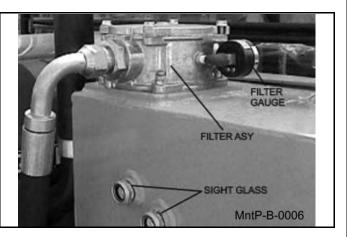
Tæn∄ c^}æ)&^ÁÛ^&ca[}}ÁÉF

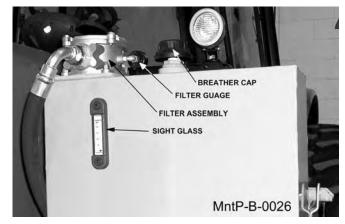
A 5 - B H9 B 5 B 7 9

F97CAA9B898':=@@#B; '=BGHFI7H=CBG':CF'<M8F5I@#7' F9G9FJC=FG

Y @}Áậ|āj * Á; ¦Á&@ & āj * Á;@ Á; āļÁ(^ c,^ |Êk@ Á`}āñÁ @` |å à^Á] æ\^åA[} AæÁ|^c,^ |Á•`¦-æ&A`ÈÉ4•@ c´Í C::ÎÊAæ) å æ|[, Á`~æ&a}} OÁzā ^ Á[Á&[[|Á[Áæ[àā]} OÁc^{] ^|æč`|^È W•^Á & æč cā] } Á , @} Á !^{ [cā] * Á c@ Á] !^••``¦ã^å à!^æc@ ¦ÉÅÖ[Á, [cÁ] |æ&A´A-æ&A´Ą[c^!Á[]^}ā] * Á, @} !^{ [cā] * Ás!^æc@ !ÉÅ

GÁ`[`¦Á!^•^¦ç[ālÁ@œeÁ[}^A¢rā®Aá"|æ•ĐA{]^¦æč¦^ *æ*^kÁA/@Á!^•^¦ç[ãlÁ:@`|åÁà^Áā||^åÁ[ÁœA&^}c'¦ [ÁœÁā®Á*]æ•Á]}Á@Aáã^A[Áœ^Áæ}\ĚAÖ[Á][c [ç^¦Ëā]|ĔÁGÁ@Ácæ}\ÁœeÁ[[Á[`&@A[āÊÁœÁ*¢&^•• { æÂá×Á*¢]^||^åÁœ[`*®bœÁ;¦^•••`¦ã^åÁa¦^朦





F9D@57=B; `=B!H5B?`<M8F5I@47`:=@H9F

Š[[•^}Åc@A{[`¦Aà[|orA[}Åc@A{[]A&[ç^¦A[_Ac@Aā]c'] @[`•ā]*ÈÁ/`¦}A&[ç^¦A&[`}c^¦Ë&|[&\,ã~A´}cāA&[ç^¦Aa ⊣^^ÈÜ^{ [ç^Aaa}àA'^]|a&A^Aā]c'!ÈÜ^]|a&AA[]A&[ç^¦ aa)åA&[ç^¦Aà[|orAa]A[]][•ãc^A[¦å^¦AaeA^{[]c^aÈ

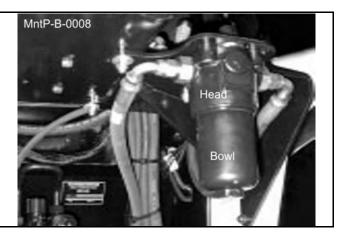


ÙØÔÁÜU VŒÜŸ

Tæn∄ c^}æ) &^ÂÙ^&ca‡} } Á ËFG

F9D@57=B; '<=; < DF9GGIF9'<M8F5I@=7':=@H9F'9@9A9BH

OE•`',^Á •^•c'{ Á @æ Á à^^} Á •@ cÁ å[, } Á æ) å å^];^••`;ã^åĔĂ Š[&æ A P∄ @Á Ú;^••`;^A Øā;c'; @`•ā;*ĔĂÔ[}-ā{ Ác@e Ác@ Á^|^{ ^} cÁ; @æ Æā Æā; `cÁ; à^Áā;•cæ;|^åÅ{ æ & @•Ác@ Á^|^{ ^} cÅ; ₽ Å; Åc@ Æā; { [å^|Áæ ĔĂÔcæ;] |^KÁXHÈE FEËE ÁÇ [;|åÅ]ā,^ÁFEEÊ PÖEJ JÁ{ [å^|DĂŠ[&æ Ac@ Áa] cd[{ Á[-Ác@ Á₽ ĉ? Ú;^••`;^AÓ[, |Êæ] åÅ`•^Ác@ Áa] cd[{ Á[-Ác@ Á₽ ĉ? U;^••`;^AÓ[, |Êæ] åÅ`•^Ác@ Áa] [;]; Ĩæ A] Åc@ Å ; |?}&@Ë; !Ëæ & @cÁe] åÅ`;}ā; Å ÅcÆ & [`] [Å[& Ac@ ÁP â '[ææā] }ÊQ[[\ā;*Áæ Ac@ Áa] cd[{ Á[-Ác@ ÁP â @ Áa], |ÊA] # Áæ Ac@ Áa] cd[{ Á[-Ác@ ÁP â '] [ææā] }ÊQ[[\ā;*Áæ Ac@ Áa] cd[{ Á[-Ác@ Á] æ] } , äļÁ^^{ { Ac@ A@ æ ÊEV @ Áa• cÁs[`] |^A[[cæā] } , äļÁ^^{ { Ac@ A@ æ ÊEV @ Áa• cÁs[`] |^A[[cæā] } U} & Ac@ A[Ëā] * Áœ A&]^æ ^ Å Ac@ Áa] Aiæ È U} & Ac@ A[Ëā] * Áœ A&]^æ ^ Å Ac@ Áa] (A] & Aiæ ÊC@ à[, |ÂA] @ Áa] ā Á;^^| ÊVæ ā] * Á& Ac@ Áa] (A] [Áa] à[, |ÊA] ā @Á^{ { [cā] * Ác@ Áa],], Á[{ Ác@ Á@ æ ÊC@ à[, |ÊA] ā @Á^{ { [cā] * Ác@ Áa],], Á[{ Ác@ Á@ æ ÊC

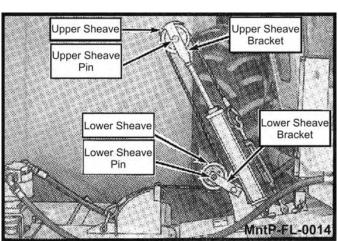


Ŭ@ÔÁÜU VŒÜŸ

Tæn∄ c^}æ) &^ÂÛ^&ca[i} } Á ËFH

; F95G=B; 'H<9'I DD9F'5B8'@CK9F'G<95J9G

Š[&ææ^Ác@ Át¦^æ^Á ^¦\•Á[}Ás@ Á^}å•Á[_Ás@ Át]]^¦ æ)åÁ|[,^¦Á•@æç^Á]ā)•Áæ Á @,}}Áà^|[,ÈÁQ,b^&c Šãc@ã { ËD[{]|^¢Á O¢d^{ ^ Á Ú¦^••`¦^Át¦^æ^ &[}_{!{ a] * Ád[ÁÞŠÕ OOEDUUÁHG€Á•]^&ãa38ææā]}•Áā)d[^æ&@Á]āJÁ*}cāJÁãaÁ]![d`å^•Á+]{ { Ác@ Á^}å•ÈÁV@•^ •@,`|åÁ懕[Ás^Át¦^æ^å/ásæā]^Át¦¦Át[¦Árç^¦^ÂLÁQ,`]•Át~ •^¦çã&AÈ

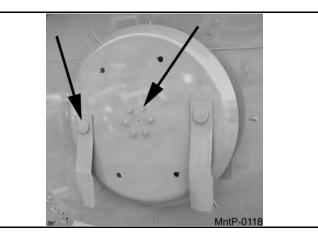


H=; < H9 B=B; `6 @5 8 9 `6 C @HG`5 B8 `8 =G? `6 C @HG

Œe^\¦Á^ç^\;^ÁÌÁ@Į`¦•ÁĮ,~Á;]^\æaāj}}Á[¦ÁåæājîÊko@∘Á}}ã^ à[|orÁæ);åÁåã`\Áa[|orÁ;@,`|åÁà^Áa∄@e^}^åÁæiÁ[||[,•K

S}ã^ÁT[`}cāj*ÁÓ[|o•ÁÇHÁ^æÈEÁt[¦``^Át[Â`€€Á[ā/^åÁdÈ |à•È

Öãr∖ÁT[`}cā)*ÁÓ[|orÁQîÁræÈDÁ[¦``^Á{[ÁG€]Áå¦^Á¦ÁrÌ€ [ā/^åÁdÈDà•È



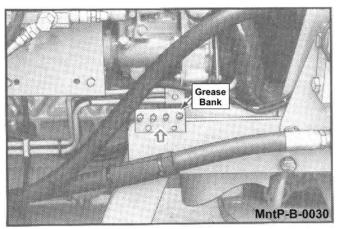
ÙØÖÒÁÜU∨ŒÜŸ

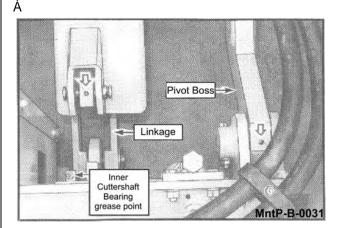
Tæn∄(c^}æ)&^ÂÙ^&cãį}ÅÉFI

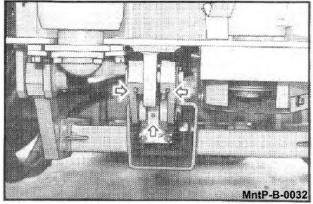
; F95G=B; '=BB9F'5B8'CI H9F'8F5: H'695A'D=JCH'DC=BHG

Š[&ææ^Á@^Á¦^æ^ÁA'¦`•Á;}Á@^Á;}^iÁæ;åÁ;`⊄'¦Á妿æ à^æ{Á]ā¢[cÁà[••^•ÈĂQbb%aAŠãn@ã{ËÔ[{]|^¢ Ò¢d^{^Á¦^••`'|^Á'¦^æ^Á&]}-{!{};}ā;*ÁţÁ•ŠÕODEDUU HO€Á•]^&ãã&ææ‡]}•Á∄dţÁ^æ&A@(A:^!\'Á`}œ‡Á*!^æ^]¦[d`å^•Á¦[{Ábj∄;o`EĂMŐ!^æ^Áæ‡|Á]āç[o•Á忇î`Á[¦ ^ç^\î^Â Á@;`!•Á;Á*^iç&&^È

Y ão@Ác@ Á&ĭ cc\¦Á@ æåÅ[] ^\^åÊÅ[[&ææ^Ác@ Á*¦^æ^ :^\\•Á[] Ác@ Á|ā] \æ*^Áæ}åÅ] ã;[cÁà[••^•ÈÅQ,b/8c Šão@ã { ËD[{]|^¢Á Ò¢d^{ ^Á Ú¦^••`¦^Át¦^æ^ &[] -{ !{ a}*Át[ÁÞŠÕ OĐËD)UÁHOEA*] ^&ãã&æatā] }•Á } cā/át] ![d`å^•Á![{ Ác@ Á*}å•ÈA* ão@ác@ Á&č cc^¦Á@ æåÅa Ác@][•ãtā] } Átivás Ást‡•[Á][••ãa|^Át[Át¦^æ^A&@ Á&læoÁa^æ & î]aå^!Áæ}&@ !•Áæ}åÅ] āj•ĚÁÁÞ[] Áæá*Ac@ Á&LæoÁa^æ & î]aå^!Áæ}&@ !•Áæ}åÅ] āj•ĚÁÁÞ[] Áæá*Ac@ Á&č cc^! @æåÁ^¢][•^Ác@ Á^{ æaj}ā*Á^!\•Á[} Ác@ Áå^&A Ácāc]ā] \æ*^•Áæ}åÅ; } Á@ Á; cc@ !Á*}åÅ; Ác@ Á&^ (āj å^!È

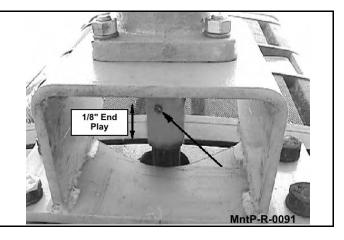






; F95G=B; DIAD'8F=J9'G<5:H7CID@9F

Y ãu@Áv}* āj ^ Áv ([]] ^ åÉv} • ` !^ Áå!ãç^ Áv @eeo Áæ¢ā } { ^} c à^ Á* ! æ]āj * Á&[`] |^ ! Áæj å Á• [ãâāj * Áàæ&i Áæj å Á-[! c@È Ô[`] |^ ! Á* @2` |å Á |ã&^ Á!^^ | Á ãu@Áæj] ! [cā[ææ^| ^ ÁFD + [~ÁY} å Á] |æÊĖGÁ&[`] |^ ! Åå[^• Á [cá+ [ãâ ^ Á!^^ | ɧj •] ^ &c - { ! Á[[• ^ Á] ` {] Á [[`} cÁa[[• É[! Áåæξ æt ^ å Á[! Á[[• ^ &! æ) \ Á • @eeo Á æåæj c^ ! ÉA Q b% & dEŠão@ã { Á Ô[{] |^ c Òcd ^ { ^ ÁU ! ^ • • ` !^ Á ! ^ æ ^ Á&[} - [{ aj * Át Áp ŠÕ QEEQUU HO€Á*] ^ &ãã&ææti } • Áj d[Á&[`] |^ ! { 3j * Át Áp ŠÕ QEEQUU HO€Á*] ^ &ãã&ææti } • Áj d[Á&[`] |^ ! { 3j * Át Áp ŠÕ QEEQUU d (j ! | (d` å^ Á+[{ Á^} å • ÉAÕ!^ æ ^ Áåæti ^ æ ^ Áà^* ā] • d [Á] ! [d` å^ Á+! { A^^ } å • ÉAÕ!^ æ ^ Áåæti ^ [! Á^ c, ! ^ Á] @ ` ! • ÉÖ[Á, [cát c, ! Át ! ^ æ ^ È



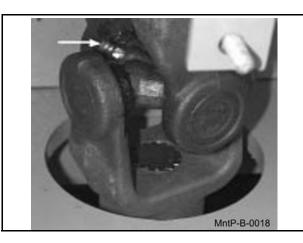
Ŭ@ŎÁÜU VŒÜŸ

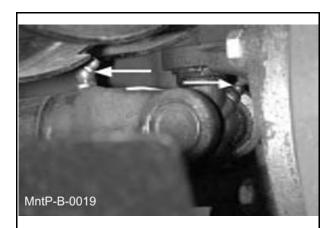
Tæn∄ c^}æ) &^ÁÛ^&ca[i}}Á Ë=Í

A 5 - B H9 B5 B 7 9

8F=J9'G<5:H'MC?9žI !>C=BH'/ 'GHI 6'G<5:H

Yão@Á^}*āj^Á•q[]]^åÉÁājb%&ÁŠão@ã{ËÔ[{]|^¢Á^¢d^{ ^Á]¦^••`\^Á*¦^æ^Á&[}_f'{āj*Áq[ÁÞŠÕODËDÙUÁHO€ •]^&ãã&æaāj}•Áajq[Á}ãç^¦•æhÁnjājorÁæ)åÁi|ājÁ[\^Á}cāµÁ*¦^æ^Áæ]]^æ•ÁæaÁc@Á^æhŽÕ¦^æ^Ác@{Ásæaĵ^Áj¦Árç^\^Â @[`¦•È

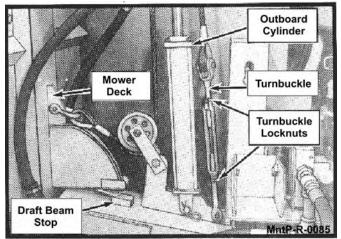




58>IGH+B; 'H<9'756@9'@+H

Ò¢ơ\åÁœÁį``cà[æååÁ&`|ājå^\Á`}cāإÁœÁį [¸^\Áå^&\ q``&@•ÁæÁ q]Áį}ÁœÁ妿ớå^æį ÁæÁ qQ_}È

NOTE: Make sure the cable turnbuckle is loose enough to allow the cylinder to reach full extension before the head reaches the stop.

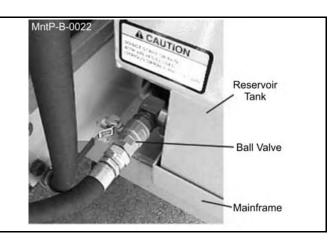


Ù@ÒÁÜU VŒÜŸ

Tæn∄ c^}æ) &^ÁÛ^&ca[i}}ÁiËFÎ

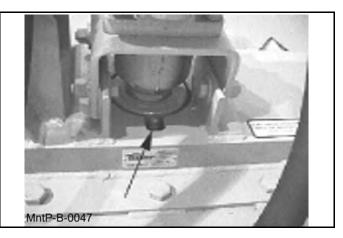
65 @@J5 @J9G

V@ ÁaæļÁçæ¢ç^• ÁææÁœ Á@ 妿ĕ |ã&Á^•^¦ç[āÁ(æâ Á,^^å d[Áa^Á&|[•^å Áå`¦ā)* Á&^¦ææi) Á(æai) c^}æ) &^Á[¦Á^]æai]¦[&^å`¦^• ĔH<9`65 @@J5 @J9G`AIGH`69`CD9B flUbX`Y`dUFU`Y`k]h`jUjYŁK<9B`HF57 HCF`=G F9!GH5 FH98`CF`K<9B`H<9`DIAD`=G 7CID@98`HC`ACHCF`CF`D'HC" 綾aiĭ`¦^Á[Áa[Á[,ā|Á^•`|dájÁ&[{][}^} dÁæaiĭ`¦^Â



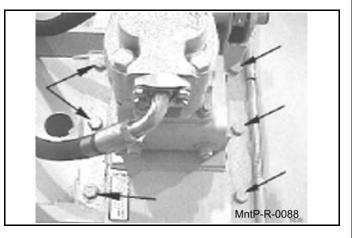
; F95G=B; GD=B8 @

Š[&ææ^Á*¦^æ•^Á-āncāj*Á;}}Áāj•āa^A[-Ás^&\Á@,* •āj*È Q)b/&oA Vāt^¦Á Ù]ājå|^Á Š`à¦ā&æojdÃ]]æbA} }`{ à^¦ €ÎÍI€€€€Áājd[Á:]ājå|^Á@,* •āj*ÈÁØā|Á;ān@Á|`à¦ā&æojc `}dāÁ|`à¦ā&æojdÁ,^^]•Á[čA{[-Á{[]Å•]ājå|^Á•^æqÈ Š`à¦ā&ææ^Á]ājå|^Á;^^\|^Á[!Árç^¦^A €



H=; < H9 B=B; 'GD=B8 @9 '6 C @HG

V@:Á*]ājå|^Á;[`}cāj*Áà[|oÁ:@[`|åÁà^Á&@ &\^åÁa)å ¦^q['`^åÁåæan;Á;¦Árç^\:^Ár€Á@[`¦•Á;Á^\;ça&^ÈÁ[['`^ c@:ÁÇÎDÁà[|oÁ*@[,}Áà^|[,Áq[Á+ÍÏÁå\^Á;¦Á+FÍÁ;ā^å -cĚjà•È

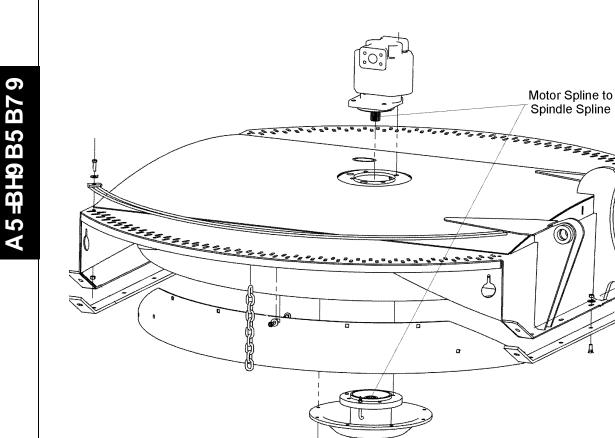


Ù@ÒÁÜU VŒÜŸ

Tæn∄ c^}æ) &^ÁÛ^&ca[i}}Á ËFÏ

; F95G=B; 'ACHCF'GD@B9'HC'GD=B8 @9'GD@B9

Ø[¦Áåā^&o/å¦āç^Á;[,^¦•ÉÁ[&æe^Á;[q[¦Á]]jā^Áæ)åÁ;]jā,å|^Á;]kā@A;[,^¦Áå^&\ÈŐ¦^æ•^Á;]jā,^•Á;ã@ÁT[àā; {[|^Ã.GÈÁV+^Áæ][˘oÁ.Ą;˘}&^•Á;-Á;¦^æ•^ÈÓ@e)*^Á;¦^æ•^Á^æ|^Á;¦Á°ç^¦^Ã.€€ÁQ;č¦+È



Mnt-R-0346

Ŭ@Ŏ**Á**IJUVΆŸ

Tæn∄,c^}æ)&^ÁÛ^&ca[i}}ÁiËFÌ

6`UXYg

Ô@&\Á@^ÁÓ|æå^•Á{¦¦Á&¦æ&\,•Áæ}åÁ,^æłÁæ}åÁÓ|æå^ÁÓ|[@Á{¦Á¢ã @}^••ÊåæãîÊĔÓ|æå^•Á @``|åÁà^Á^]|æ&^åÁ,@}} c@^^&ad^^A, [| } A^¢&^••ãç^|^B&a^} dBa^^ { | { ^åBa^A, [| { ^åBA, | A, `oA, ~&aaaa} &^`E $\begin{array}{c} \acute{O}[aa^{a} \wedge \dot{A} \ @^{-}] |a \dot{A} a \dot{A} \ a \dot{A} \ \dot{A} \ \dot{A}] |a \dot{A} a \dot{A} \ \dot$ A CAUTION ¦^]|æ&∧Ác@Aà|æå^Áa[|o•ÉA,`o•Éaa)åÁ, æi@¦•È Tæ\^Á+v`¦^Ác@eÁ{[,_^¦Áà|æaå^•Áæb^Ác`¦}āj*Á&|[&\, ãr^Á, @}}Á|[[\āj* Important å[,} } Á+|[{ Ác@ Áq͡] Ì Á[-Ácoİz Á([, ^ HÈAQ[Í ||[, Ácoİz Á&[|| HÁ&[åā] * Á[] Áco@ @ å ¦æč ja&Aqû • ^ • Áæj å Á,āīcā] * • Áq͡_A͡_ æd ^ Á+ ` ; ! ^ Áço@ Áʃ [qĒ ; Áæj å Á@ å æč ja&= $@ \bullet^{\bullet} A_{abc}^{abc} A_{abc$ q[Á¦^å,Áãcāj*ĚÁÔ[}}^&cÁc@;Áà]`^Á@;•^Á&[}}^&cāj`,Á(]}^Áq[Ác@;Áå|`^ ~ãcā) * ĐĂV @`,Áà|æå^ Á![cæaā]; } Á[; } Ás@`,Á^æåj3 * Á^å*^ Á[, Ás@`,Á{[, ^¦Á*]@`,`|Å*]@`,`|å åãr&@æel*^Áo@Á&ĭơA(āæe^lãæelÁse;æêÁ+[{Áo@Átlæ&o[lÁse)åÁ[]^ĺæe[lĚÁ $\begin{array}{c} \mathbf{A}_{\mathbf{A}} & \mathbf{A}_{\mathbf{$ AWARNING &[`|`|^&q^ Áāj •,œe|jāj * Ác@`Á{ [dī '|Á] |^• •,` \^Áæj åÁ'^č '} Ă@ •,^• ĔŐ[}`c æ&c ^ [` | Áå^,æþ^ | Á|, | ÁOEpæ{ [ÁQ;å`•d´ãæþÁ{ | Á] ^ &ãáãAáp, -{ | { áæap, } Á; } Áo@`ÁQ;•^ ¦[čqāł*Ė A WARNING A ADVERTENCIA TO AVOID SERIOUS INJURY PARA EVITAR LESION SERIA AND DEATH FROM THROWN O MUERTE POR OBJETOS OBJECTS: LANZADOS: MAKE CERTAIN blades ASEGURE que las cuchillas giran rotate the correct direction en la dirección correcta. BLADE ROTATION ROTACIÓN DE CUCHILLAS Return Pressure Presión UÓÖ Retorno ÓŠWÒ ŮØÔÁIJU VOEÜŸ Tæn∄ c^}æ) &^ÂÙ^&cnãi}Á.ËFJ

FCH5FM?B≓9°F9D@579A9BH

HÈ Šǎ^Áo@^æå•Á,ão@éæ)aãë^ã^ ([d[¦Á;ã4Á;¦Á*¦^æ•^ÈQ0•œa|Áa[[o•Áo@[`*@Á)}ã^Áæ)åÅaã (Á'[{Ááa[od[{Áãa^A, A åã\ÈQ0•œa|Á^, Á^|-Ё[&\ã]*Á,`o•Áæ)åÅa[;``^Áo@{{Ád}A```}

IÈ V@AÁ}ãç^•Á@[č|åÁ,ā]*Á¦^^|^Á{[Áseà•[¦àÁ́@[&\•Á+[{Áã[]a&BoÁ;@}}Aídãā]*Á;àb%&o•ÈÁ

ÀWARNING Y PÒÞÁÔWWVQ ÕÆÒŒXŸÁÓÜWÙPĔSÞŒÒÁÓUŠVÙÂJPUWŠÖÁÓÒÁQ ÙÚÒÔVÒÖÆUWÜŠŸÁŒÖ ÜÒVUÜÛWÒÖÁ∕UÆ€Ĩ€ÆÖÜŸÁJÜ€€ÁJŒŠÒÖÁØVÈŠÓÙÈ

F9D@579A9BHC: FCH5FM8=G?

لاَ مَعْظَمُ اللَّهُ مَعْلَمُ اللَّهِ اللَّهِ مَعْلَمُ اللَّهُ مَعْلَمُ مَعْلَمُ مَعْلَمُ مَعْلَمُ مَعْلَمُ مُ مُعْزِعَ مُعْرِمُ مُعَامَ مُعَامَ مَعْلَمُ اللَّهُ مَعْلَمُ مَعْلَمُ مَعْلَمُ مَعْلَمُ مَعْلَمُ مَعْلَمُ مَعْلَمُ

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CEÁc@^æåÁ[&\ā]*Ásē*^}c4(æ`Ás^Ásē]]aðåÁt[Ás@^æå•Á;Áse|A([`}c3;*Ás[|o=Ás^-{;^Ase|A([`}c4;+Ase])aðaAt[Ase]^åÈÁ

8]g_gʻa i ghʻVY`]bgdYWNYX`XU]`miZcf`\Ujf`]bY`WUW_gʻVYhkYYbʻgd]bX`Y`a ci bhjb[`Vc`hgʻcf`Ufci bX`h\Y`_b]ZY a ci bhjb[`Vc`hg"H\YgY`WUW_gʻ]bX]WUhY`a YhU`ZUhj[i Y`WUi gYX`VmigYj YfY`UVi gY"=ZWUW_gʻUfY`dfYgYbh"h\Y X]g_ʻa i gh'VY`fYd`UWYX"

Q•]^&o&o&@&äā\A([`}cā)*Aa[|orAazaa‡^A,@}A&@&&ā]*Aaāt@;^••A(-Aa|zaa*A([`}cā)*Aa[|orEk&aAzabaa*aā(A([`}cā)*Aa[|oAz |[[•^ÊzboA(`*•oAa^AA^{ [Ç^aÊba@^zaa*•A&|^za}^aÊb4/^•@Az@2^zaa*A[&&ā]*Aze*^}oAza]]|ātaÊbaayaAAzāt@e^}^aAzāt@e^}^ çzap`^È

ĢÁæÁ}ã^Á;[`}@3*Áà[|oÆa`Á{[•^Êba@Ai^|-Á[&\ā]*Á;`oÁ;`•oÁa^Á^]|æ&AåÁæe Áæá æ^ćÂ,¦^&æčoã;}ÈŠŠ`à¦a&æe^Áx@^æå• ,ã@Áæ)aãi=^ã^Ê*¦^æ•^Á;¦Á;[d;¦Á;ã)ÈÁ/jæ&Aáa[|o•Ác@[`*@Á}}ã^Áæ)åÁåã\Á¦[{Áà[cq[{Árãa^A,{~Áåã\ÈČQ•cæ||Ár^|~ |[&\ā]*Á,`orÁæ)åÁt[¦``^Áx@{{Á;E€€ÁdĚÅà•È

- FÈ K5FB=B; .ÁH Y'X]g_'UcbY'k Y][\g'cjYf'%\$\$``Vg"ÁÓ^Á` \^Áão Á ^â @Á&a) Áà^Á`]][\c'àÁà-{\fracka} { d[Á^]|a&A`ÈV@Á•^Á[-Áxa4jáaÁ[^&@a) ã { Á ậ][Á*ae^Á]|a&A^{ } bè
- QÈ Ü^{ [ç^Ás@A^ã;cÁsã`\Á;[č}cā)*Ás[|orÁsa)åÁs@Asã`\Á¦[{Ás@Ai]ā;å|^È
- HÈ Q,∙cæ|Á,^, Ásáā ∖Áse) åÁse†a Ĩ}Á, ãc@Á, [`}cā) *Ás[|cÁ@|/•È
- IÈ CE,] | ^ ÁzeÁ@^æåÁ[&\]; * Ázē ^} ók[ÁzeļÁ, Áz@Á[[` } c]; * Azē ^ ka[| o Áze] åÁ]; cæļÁz@Aa[| o Áze] ` * @k@Aaā\È NOTE: Disk bolts must be Grade 8.
- ÍÈ Vãt@c^}Áa[|orÁa[,}Áæ);åAg[¦˘˘^Áq[Áçaa;്^•Á,[c^åÈ
- ÎÈÙ^^Á}ã^Á^]|æ&^{ ^}ơ\$\$;•d`&qā;}•Á{¦Á^]|æ&ā;*Á@A}ãç^•Á;}q[Ás@A,^_Á&ã*\È

Ŭ@ÔÁÜU VŒÜŸ

Tæn∄ c^}æ)&^ÁÙ^&ca[}}Á Ë⊖€

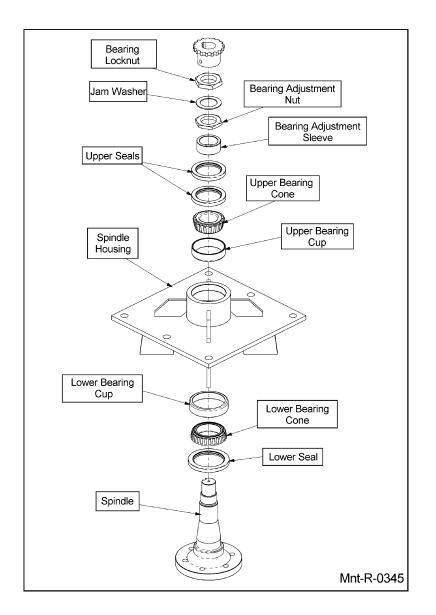
<95 J M 181 HM 1GD = B8 @9 15 GG9 A 6 @M = BGH5 @@5 H=C B 15 B8 16 95 F = B; 58 >1 GHA 9 BH

NOTE: The grease zerk and gussets are located on the top side of the spindle housing. Be sure the spindle is assembled correctly.

6 Y`gifY`hc`k YUf`YmY`dfchYWN]cb`UbX`ch\Yf`dfchYWN]jY`Yei]daYbh`Ug`bYYXYX`k \Yb`k cf_]b[`cb`gd]bX`Y UggYaV`m'

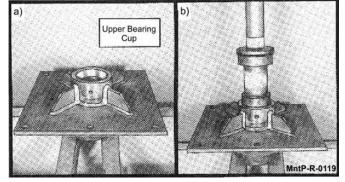
H<9 GD=B8 @ 5 GG9 A 6 @M

Ù^^Ás@e/Åsãeet'¦æ{Ás^|[,Á[¦Ásså^}cãa8ææaā[}Á[,Á]]]ajå|^ÁjætorÉÄ;@ah^Á^¦ça8a];*È



695F=B; =BGH5@@5H=CB

- FÈ Ú¦^••Á`]]^¦Áà^æðð *Á&`]Áðð (É Á c@Á•]ðð å|^ @(* •ðð *Á
- CÈ \\" \} Ác@ Át] āj å |^ Á@ ` āj * Ái ç^ \ Áæj å Áj \ ^•• Áāj Ác@ \ [[^ \ Áa^æiāj * Ás`] È
- HÈ Ú [æ& Ác@ Á[, ^ ¦ Áà ^ æð ā * Á&[} ^ Áð ác@ Áà ^ æð ā * &] ÈÁ Þ^¢ cÁ] ¦^•• Á c@ Á • ^ æd Áð (Á c@ Á •] ð å |^ @ (* 0 ð * ÈÁ V@ Áð } ^ ¦ Á[ð Á[-Ác@ Á • ^ æd Á { * 0 cÁà ^ ÖUY ÞÊÁ(, æð * Ác@ Áa ^ æð 3 * ÊA • [Á ` à ¦ & æð cæ • ^ æd ^ å Ås • æð ^ Ác@ Á@ * • ð * È
- IÈ Q.• cæl/Á@ Á] āj å |^ Áðj Á@ Á@ Ý• āj * ÉKŠāt @dî Áj ¦^•• c@ Á^} å Á[-Ác@ Á•] āj å |^ Ádţ Á• ^æcAc@ Ár] āj å |^ æt æðj • cÁ@ Áå^ædāj * Áðj } ^ ¦ Áæ&^ È



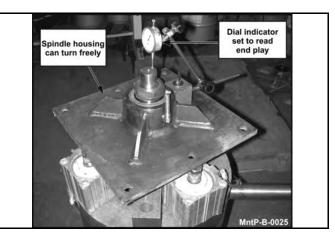
- ÍÈ V[°]¦}Áv@Á]ājå|^Á@Į*•āj*Áį;ç^¦ÁÇ]Áj[•ãāāj}DÁæjåÁāj|Ájão@Á⁄ã*^¦ÁÙ]ājå|^ÁŠčà¦a&æaò/ÁLJ&óAĵ;Åĉ[ÌÍCCCDÁ‡ c@Aí[]Á[°]a*^Áį.-Ás@Á]]^¦Ásà^æbjš*Ášč]È
-] È Ù ̆]] [¦ơÁ@ Áà[cự { Áị Á:@ Á;] ∄ å |^Áæ) å Á; !^••Á:@ Á]] ^¦Áà ^æ}∄ * Á&[} ^Áæ) å Áà ^æ}å Å; A @ Á;] A @ Á;] A ^ç^Á; A c@ Á;] ∄ å |^È

NOTE: The spindle housing must turn freely when seating the bearing cone and sleeve.

- Î È Ú¦^•• Áx@ Á; [Á]] ^¦Á^ 懕 Á§ q[Áx@ Á] āj å|^Á@ * āj * ĚV @ Á§ } ^¦Áāj Á; Áx@ Á* ^懕 Á; * óhà^ ÁNÚÉæç æ Â+[{ Áx@ Á* ^æ‡} Å; * å\ææj * ÉÅ [Á*¢&^•• Á; à l ææj ókæj Á* &æ] ^ È
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695F=B; ⁵8>I GHA9BH

- FÈ Ô|æ{] Á@ Áa[cd[{ Á} à Å[Á@ Á] ā å |^Á^&` |^ Áa] æáşã^Á[Á@ Á] ā å |^Á@ ` • ā * Ás` |} • Á\^^|`È
- CÈ Ú[•ãā] } Áœ4(æť] ^ C38A Åàæe ^ Aåãæ 4/43 å å&æe[¦A[} Áœ [čc! Áåãæq(^c' ¦A[~Ác@ A*]]] å å ^ A@ č*] * EÅŠ[&æe^ c@ A* } å A[~Ác@ A*ãæ 4/5] å å&æe[¦Aæt æ] • cAc@ A {æeA* } å [~Ác@ A*]] å å |^A* @eedEA/@ A*ãæ 4/5] å å&æe[¦A;] |A; [, { ^æ* \^Áæs& x` |æe^|^ A* æ] * A* } å Aj |æê È
- HÈ Vã @c^}Ás@Aá^ædā}*Áseåb*•q{^}cÁ;čÁ;dáÁs@;\^Áā €ÈEFGÁ5;&@á{[ç^{ ^}cá;@c}ás@áA]ā;å|^Á@;*•ā;* ã:Á;lã∿åÁ];ædåÁse;æ:Á¦[{Ás@:Áşã~Áseç•È
- IÈY@}Âv@¦^Ása ÁEÈEFCÁS3 &@Á\^^Á, |æê Ásà^ç,^^}Áv@ •]3]å|^Ása)åÁ@[`•3]*ÉÉS9 • cæa|Áv@ Ásà^æð3]*Á[&\Á`c Çc@3&\Á;`dDĚAP[|åÁv@ Ásaåb`•c3]*Á;`cÁ+^&`¦^|^Ása)å c3*@^}Áv@ Á[&\Á;`cÁs[Á+KEEÁdÉA]à•ÉA, -Ás[¦``^È



ÍÈ CE-cr¦Ás@A[&\Á`ó5a Ásat@cr}^åÉs@cl^Á;`•o5a^Á€ÈE€FA53,&@át[Á∈ÈE€HA53,&@át[Á∈ÈE€HA53,&@át[Ác]èA;Å@?}Áat@ch^Á;^ā;*Á]Á; c@A[]ā]å|^Á@;`•ā;*ĚÅ

ĢÁc@ Á*}åÁ; |æʿÁā; Á&[¦¦^&dÊÆEFÁB; &@Át[ÁEÌÈEFÁB; &@ÉÈà^}åÁæà•Á*]Á; }Áæa; Á; æ•@¦Át[Á; ¦^ç^}cÁc@Á[&\Á; ´cÁ+[{ |[[•^}]ā]*È

ĢÁc@ Á*}åÁ;|æ Á¥i Á¤ U VÁ&[¦¦^&dÊ4;[[•^} Á@ Á;[&\Á,čoÁæ)åÁč¦}Ác@ Áæåbŏ•q{^}oÁ,čoÁæ•Á^ččā^åÁæ)åÁ^Ёæã@^}Á@ |[&\Á,čdĚÜ^]^æeÁā•oÁ,æd√;-Á'c*]Á ÈĂ

Ù@ÒÁIJU VŒÜŸ

Tæn (c^) æ) & ÁÙ^ & ca () Á ËGG

A 5 = BH9 B 5 B 7 9

85=@MTA5=BH9B5B79⁻G7<981 @9

V@^Á-{||[]] 3] * Á•^¦ça&^•Á•@[`|åÁà^Á]^¦-{|{ ^åÁåæanî^{;| Á^ç^\^ÂÌÁ@[`¦•Á[-Á•^¦ça&^ÊA-{||[]] 3] * Áo@ Áå^cæaan}^å { æanj c^}ænj &^Ænj •d`&aanj }•Ænj Áo@ Ánj ^¦æang ¦•Á; ænj `ænjÈ

- ´´´´´´´´ Ú`{] ÁÖ¦ãç^ÁÙ@eedxÁÔ@^&\Á[¦Á*}åÁj|æêÁ§jÁå¦ãç^•@eeoÁbÁ&[č]|^¦ÁeejåÁj`à¦ã&æe^ÁæeÁ.^¦\•È
- ´´´´´´Ô¦æə)\•@æeoÁssaåæd;ov¦KAQA^``ā]]^åĄ́ão@A`àà^¦A'¦[{ { ^orÁ&@ &\Á&[}åããā]}ÊÁ^]|æ&^Á&A(ã•ā)*Á[¦Á åæ{æ*^åÈ
- ´´´´´´´ Úãç[oÁ][ð];o•KáQ);b∿&oÁ'¦^æ•^Á}}a≢À≦óÁz∳]^>æi•ÁæaÁ}å•È
- P^妿`|a&Á~āncāj*•KứÔ@&&\Á-{¦Á|^æ\•Á,ãnc@A]æ}^¦Á[¦Á&ædåà[ædåĚAVãt@z^}Á-āncāj*•Á[¦Á¦^]|æ&AÁ@{•^• ā[{ ^åãanez^|^
- ´´´´´´´ S}ãç^•k4Q•]^&cA{[¦A{ã•]}*A{¦A\$aa{æ*^åA}ãç^•Ê&@aa}*^AQ[}^A&[{]|^c^A^oD&eeA^^å^åÈ
- ´´´´´´´´ Ó^|o= K4Ô@^&\ ĐƯã*@^^} ĐÜ^] |æ&^Áà^|o= Áæ= Á,^^å^åÈ
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PARTS SECTION

PART NAME INDEX

PARTS ORDERING GUIDE

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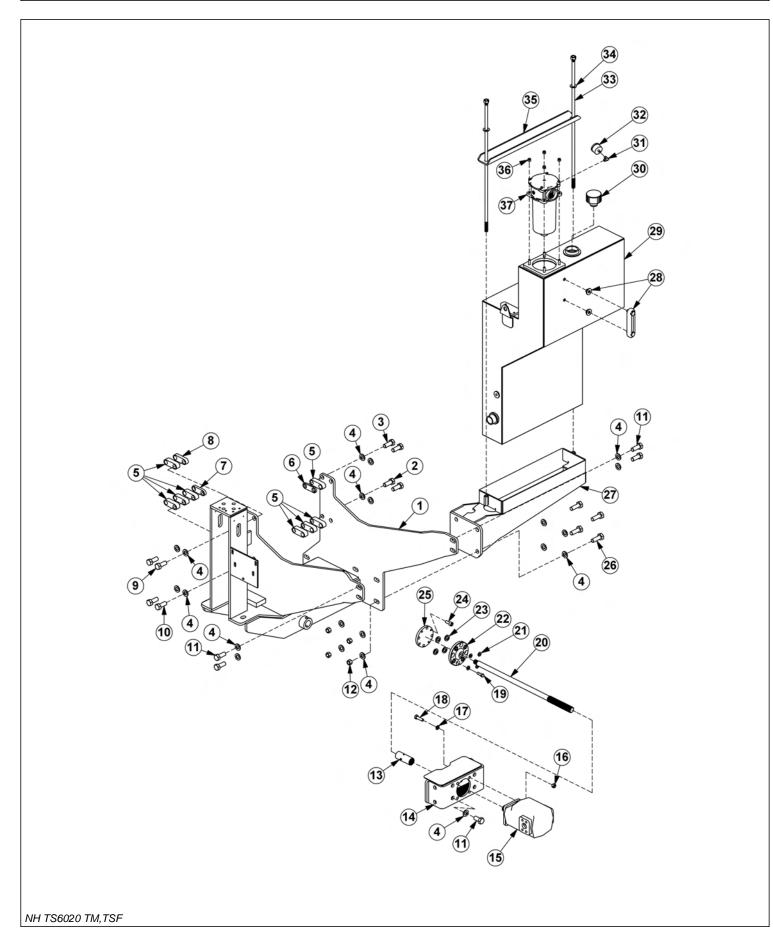


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Direct any questions regarding parts to:

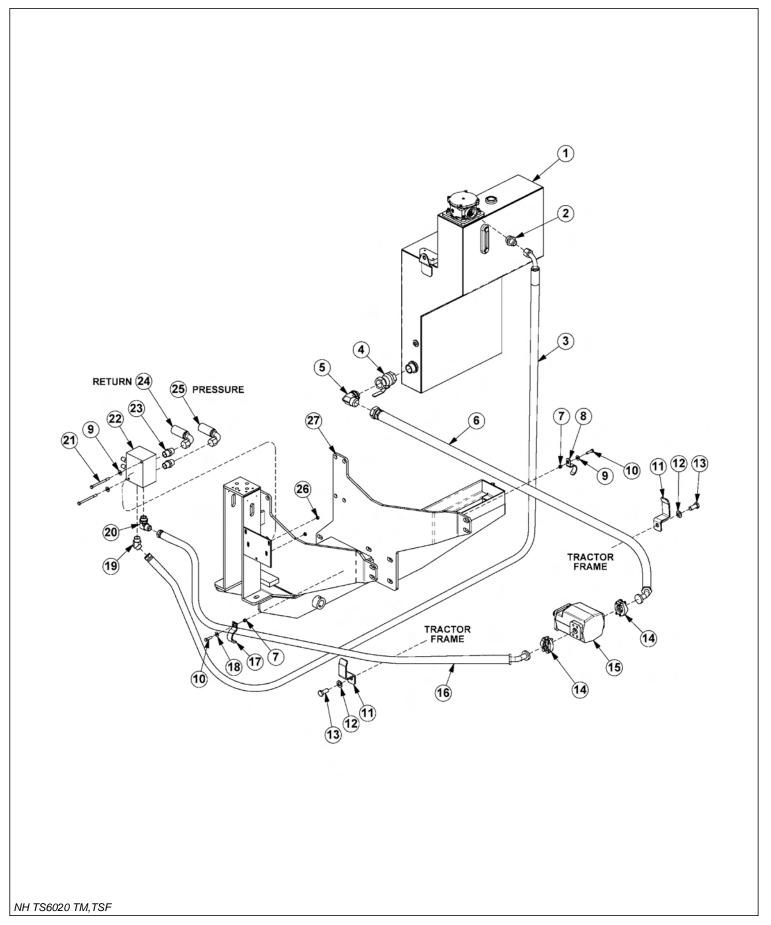
Tiger Corporation

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



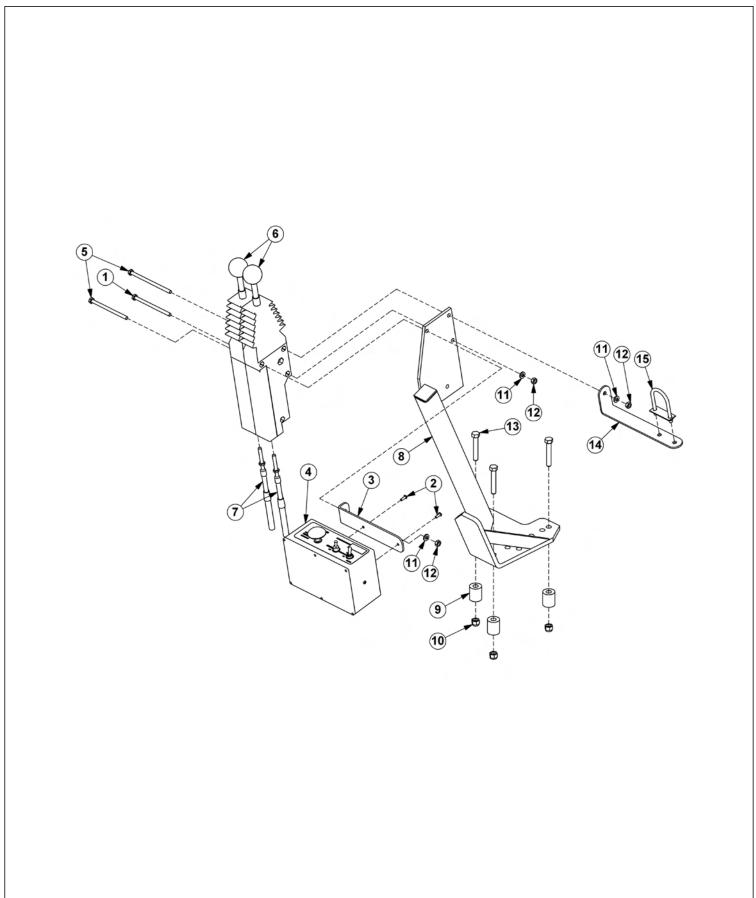
ITEM	PART NO.	QTY.	DESCRIPTION
1	06300167	1	MAIN FRAME
2	31240	2	CAPSCREW,20MM X 110MM,2.5P
3	32285	2	CAPSCREW,20MM X 75MM,2.5P
4	33880	20	FLATWASHER,3/4",SAE
5	06401627	8	SPACER,1"
6	06401630	1	SPACER,5/16"
7	06401629	1	SPACER,1/2"
8	06401628	1	SPACER,3/4"
9	30708	2	CAPSCREW,20MM X 90MM,2.5P
10	06530537	2	CAPSCREW,20MM X 125MM,2.5P
11	21831	8	CAPSCREW,3/4" X 1-3/4",NC
12	21825	4	HEX NUT,3/4",NC
13	6T0375B	1	COUPLER
14	06380042	1	MOUNT,PUMP
15	23152	1	PUMP
16	21725	4	HEX NUT,1/2",NC
17	06533004	4	FLATWASHER,1/2",SAE
18	21732	4	CAPSCREW,1/2" X 1-3/4",NC
19	06535000	4	CAPSCREW,7/16" X 1-1/4",NC,CUTOFF
20	06420063	1	DRIVESHAFT
21	24937	4	FLATWASHER,7/16",SAE
22	6T0389	1	KIT,ADAPTER,DRIVESHAFT
23	31674	1	CRANSHAFT, ADAPTER, W/O WASHER
	06537004	4	WASHER, NEOPRENE
24		-	CAPSCREW *EXISTING HARDWARE
25	06420144	1	SPACER, DRIVESHAFT
26	21833	4	CAPSCREW,3/4" X 2-1/4",NC
27	06300060	1	MOUNT,TANK,SIDE
28	06505067	1	SIGHT GAGE
29	06700090	1	HYDRAULIC TANK, ASSY
30	06380012	1	HYDRAULIC TANK
	06505077	1	CAP,BREATHER,O-RING
31	TF4888	1	ELBOW,STREET,1/8" X 90°
32	6T0649	1	FILTER GAGE
33	06380014	2	TIE BOLT,SIDE TANK
34	33764	2	FLATWASHER,5/8",SAE
35	06410352	1	CHANNEL, MOUNT, SIDE TANK
36	21627	4	NYLOCK NUT,3/8",NC
37	06505044	1	FILTER ASSY,IN-TANK

TRACTOR MOUNT KIT - HYDRAULICS



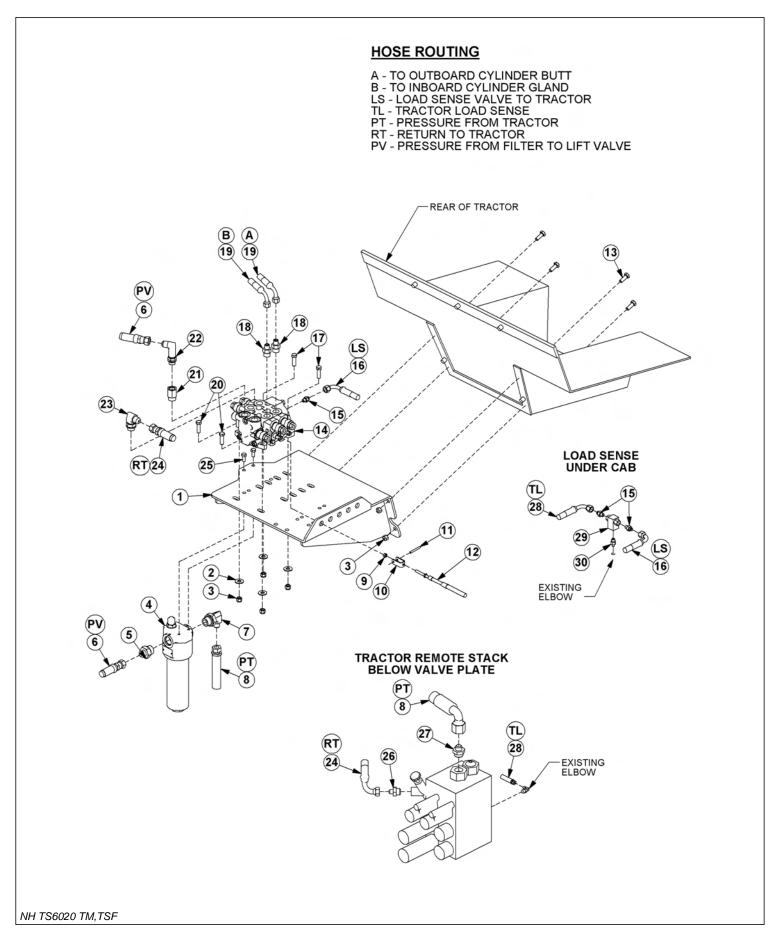
ITEM	PART NO.	QTY.	DESCRIPTION
1		-	HYDRAULIC TANK *REFER TO TRACTOR MOUNT KIT PAGE
2	34064	1	ADAPTER,1-1/4"MOR X 1"MJ
3	34082	1	HOSE,1" X 89"
4	34309	1	BALL VALVE,1-1/2"FOR
5	34655	1	ELBOW,1-1/2"MOR X 1-1/2"MJ
6	06500309	1	HOSE,1-1/2" X 70"
7	21627	2	NYLOCK NUT,3/8",NC
8	06411136	1	CLAMP,HOSE,2"
9	22016	3	FLATWASHER,3/8"
10	21632	2	CAPSCREW,3/8" X 1-1/2",NC
11	32382	2	BRACKET,HOSE
12	33880	2	FLATWASHER,3/4",SAE
13	21831	2	CAPSCREW,3/4" X 1-3/4"
14	TF4852	2	KIT,FLANGE,#20
15		-	PUMP *REFER TO TRACTOR MOUNT KIT PAGE
16	06500593	1	HOSE,1" X 67"
17	TB3012	1	CLAMP,HOSE,1-1/4"
18	24937	1	FLATWASHER,7/16"
19	33554	1	ELBOW,1"MOR X 1"MJ,45°
20	34117	1	ELBOW,1"MOR X 1"MJ,90°
21	21644	2	CAPSCREW,3/8" X 5",NC
22	06510083	1	BRAKE VALVE
23	33555	2	ADAPTER,1"MOR X 1"MJ
24	34639	1	HOSE,1" X 104" (RETURN)
25	34638	1	HOSE,1" X 107" (PRESSURE)
26	21625	2	HEX NUT, 3/8", NC
27		1	MAIN FRAME *REFER TO TRACTOR MOUNT KIT PAGE

2 SPOOL CABLE CONTROL MOUNT



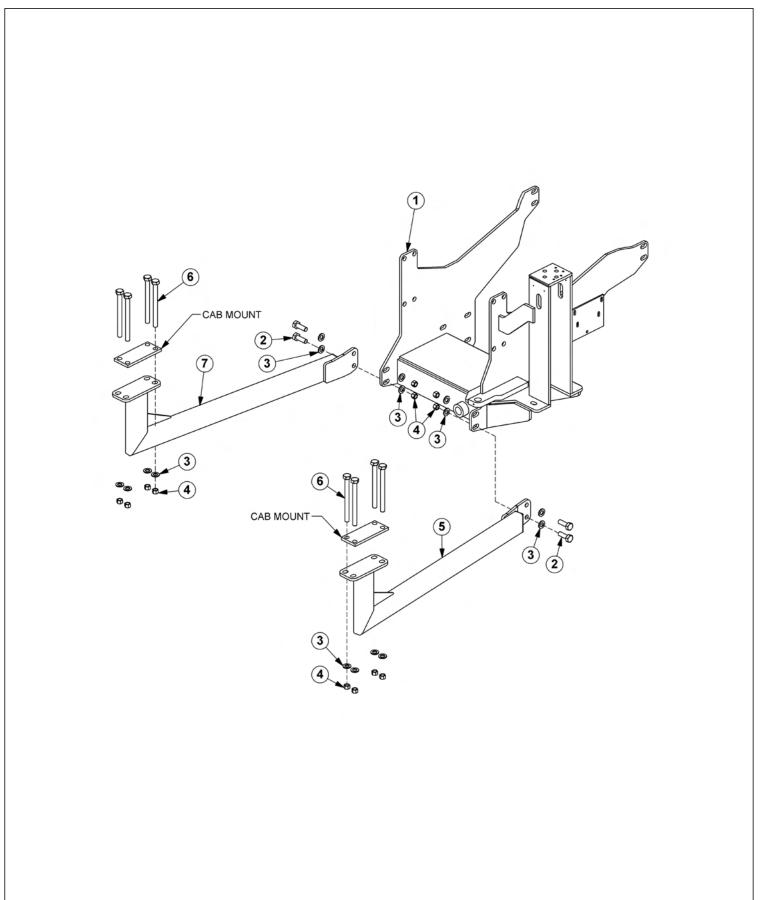
ITEM	PART NO.	QTY.	DESCRIPTION
1	21542	1	CAPSCREW,1/4" X 4",NC
2	6T3951	2	SCREW, MACHINE, 8/32 X 1/2"
3	34496	1	BRKT,SWITCHBOX,UNI
4	06510102	1	SWITCHBOX,SIDE
5	21543	2	CAPSCREW,1/4" X 4-1/2",NC
6	6T1251	2	CBL CTRL BOX,180 DEG
7	06505100	2	CBL,CTRL,108"
8	23865B	1	BRKT,MOUNT,CBL CTRL
9	27082B	3	SPACER
10	21627	3	NYLOCK NUT,3/8",NC
11	21986	3	LOCKWASHER,1/4"
12	21525	3	HEX NUT,1/4"
13	21636	3	CAPSCREW,3/8" X 2-1/2",NC
14	06411376	1	BRAKET,CBL CNTRL
15	27329	1	U-BOLT,ASSY

CABLE (MANUAL) LIFT VALVE - 2 SPOOL LOAD SENSE - CABLE



	ITEM	PART NO.	QTY.	DESCRIPTION
	1	06340039	1	MOUNT, VALVE
	2	22016	4	FLATWASHER,3/8"
	3	21627	8	NYLOCK NUT,3/8",NC
	4	06505029	1	FILTER,HP,ASSY
		06505039	1	ELEMENT, FILTER
		06505081	1	INDICATOR, FILTER
	5	33591	1	ADAPTER,3/4"MOR X 1/2"MJ
	6	06500595	1	HOSE,1/2" X 15"
	7	33294	1	ELBOW,3/4"MOR X 1/2"MJ
	8	06500596	1	HOSE,1/2" X 18"
	9	21500	2	HEX NUT,1/4",NF
	10	6T4411	2	CLEVIS,CBL CNTRL
	11	6T3017	2	ROLL PIN,CBL CNTRL
	12	06505100	2	CBL CNTRL,108"
	13	21630	4	CAPSCREW,3/8" X 1",NC
	14	06502040	1	VALVE,2 SPOOL,LS
	15	32901	3	ADAPTER,3/8"MOR X 3/8"MJ
	16	06500450	1	HOSE,1/4" X 42"
	17	21632	2	CAPSCREW,3/8" X 1-1/2",NC
	18	33271	2	ADAPTER,1/2"MOR X 3/8"MJ
	19	34631	2	HOSE,1/4" X 126"
	20	21633	2	CAPSCREW,3/8" X 1-3/4",NC
	21	32678	1	ADAPTER,5/8"MOR X 1/2"FOR
	22	33293	1	ELBOW,1/2"MOR L X 1/2"MJ
	23	33383	1	ELBOW,5/8"MOR X 1/2"MJ
	24	33410	1	HOSE,1/2" X 48"
	25	21579	2	CAPSCREW,5/16" X 3/4",NC
	26	06503059	1	ADAPTER,5/8"MJ X 3/4"BSPP
	27	06503167	1	ADAPTER,BANJO
	28	06500594	1	HOSE,1/4" X 28" (REPLACES HARDLINE)
	29	3338806	1	TEE,SHUTTLE,3/8"FOR
	30	06503166	1	ADAPTER,3/8"MOR X 1/4"FJX
1				

AXLE BRACE ASSEMBLY



PART NO.	QTY.	DESCRIPTION
	-	MAIN FRAME *REFER TO TRACTOR MOUNT KIT PAGE
21833	4	CAPSCREW,3/4" X 2-1/4",NC
33880	16	FLATWASHER,3/4"
21825	12	HEX NUT,3/4",NC
06300168	1	AXLE BRACE,RH
21846	8	CAPSCREW,3/4" X 9",NC
06300169	1	AXLE BRACE,LH
	21833 33880 21825 06300168 21846	33880 16 21825 12 06300168 1 21846 8

NOTES 1

NOTES

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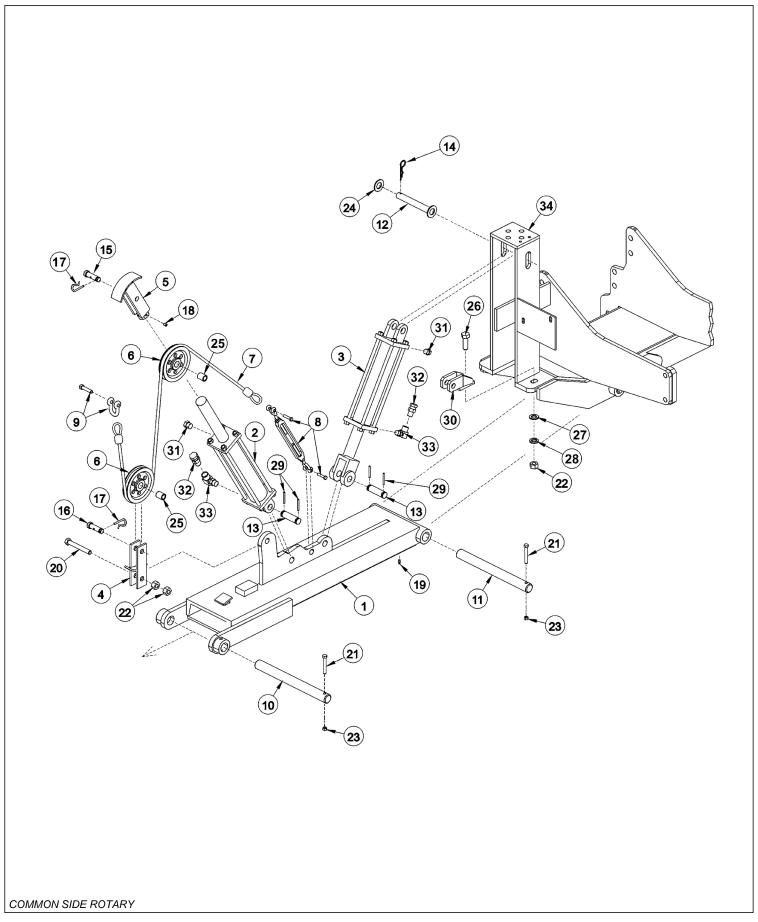
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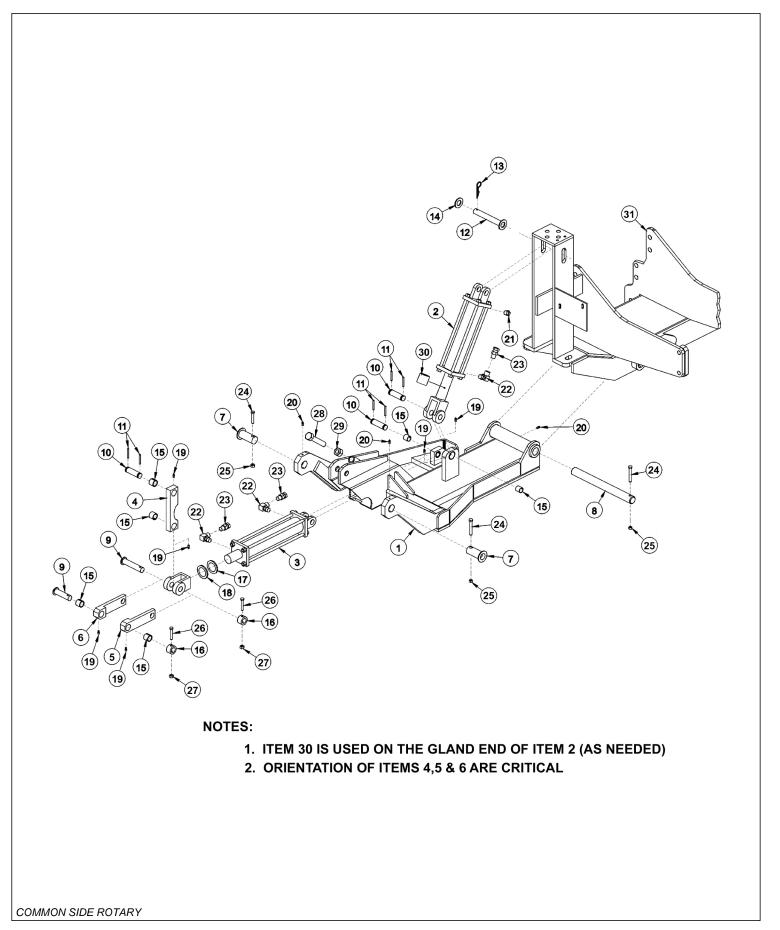
CABLE DRAFT BEAM ASSEMBLY



ITEM	PART NO.	QTY.	DESCRIPTION
1	6T0105	-	DRAFT BEAM (STD WITH TRAVEL LOCK)
	27241	-	DRAFT BEAM (EXTENDED 6")
2	6T0150	1	CYLINDER 3" X 18"
3	6T0151R	1	HYD. CYLINDER 3" X 10"
4	6T0100	1	LOWER SHEAVE BRACKET
5	6T0101	1	UPPER SHEAVE BRACKET
6	33768	2	SHEAVE
7	6T0110	1	LIFT CABLE (STD 1/2" X 87 1/2")
	6T0110E	-	LIFT CABLE (EXTENDED 6")
8	6T0115	1	TURN BUCKLE
9	6T0112	1	SHACKLE WITH PIN
10	6T2999	1	OUTER DRAFT BEAM PIN 1 1/2" X 14 1/2"
11	6T3001	1	INNER DRAFT BEAM PIN 1 1/2" X 15 3/4"
12	6T3005	1	CYLINDER PIN 1" X 6 5/8"
13	TB1033	2	CLEVIS PIN 1" X 4"
14	6T3004	1	R - CLIP 3/16"
15	6T3010	1	UPPER SHEAVE PIN WITH ZERK 3/4" X 3"
16	6T3009	1	LOWER SHEAVE PIN WITH ZERK 3/4" X 2 1/2"
17	6T3020	2	R - CLIP 5/32"
18	6T2272	1	SET SCREW 3/8" X 1/2"
19	6T3211	1	GREASE ZERK 1/8" STRAIGHT
20	21837	1	CAPSCREW 3/4" X 3 1/4"
21	21688	2	CAPSCREW 7/16" X 3 1/4"
22	21825	2	HEX NUT 3/4"
23	21677	2	NYLOCK NUT 7/16"
24	22023	1	FLAT WASHER 1"
25	6T0104N	2	SHEAVE PIN BUSHING 1" OD X 3/4" ID
26	21833	1	CAPSCREW 3/4" X 2 1/4"
27	22021	1	FLAT WASHER 3/4"
28	21993	1	LOCK WASHER 3/4"
29	06537021	4	ROLL PIN
30	6T0106	1	TRAVEL LOCK BRACKET
31	6T4258	2	BREATHER 1/2"
32	34396	2	RESTRICTOR
33	34244	2	ELBOW FITTING 1/2"
34		-	MAIN FRAME *REFER TO TRACTOR PARTS SECTION

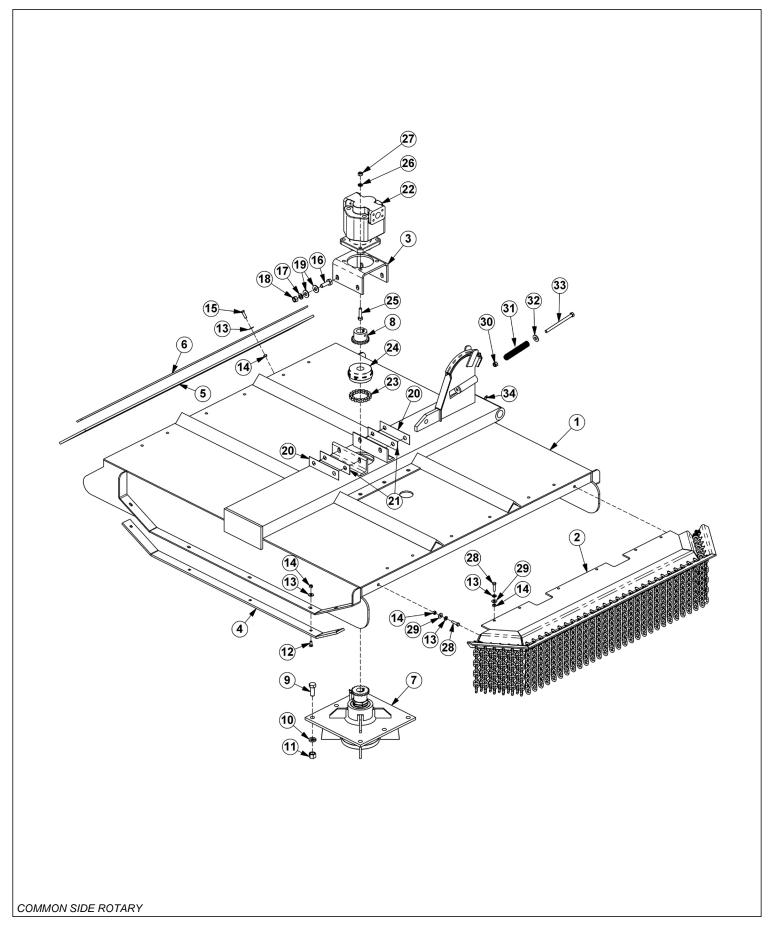
COMMON SIDE ROTARY

COMBO DRAFT BEAM ASSEMBLY



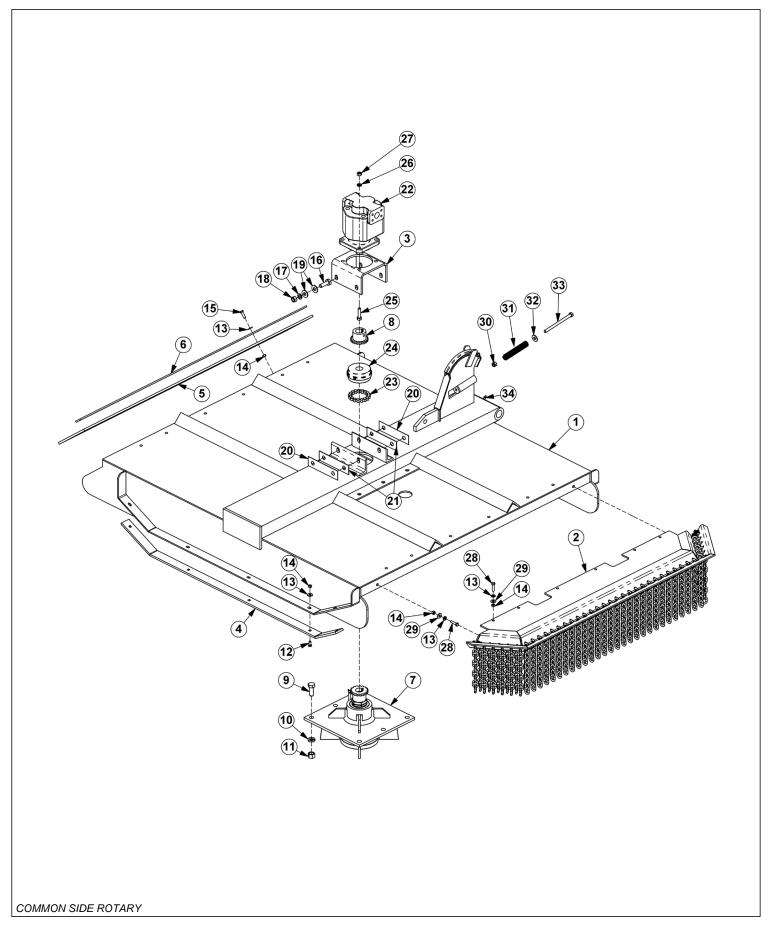
ITEM	PART NO.	QTY.	DESCRIPTION
1	06350001	1	COMBO DRAFT BEAM - STD DTY ROTARY
	31063	-	COMBO DRAFT BEAM - HVY DTY ROTARY
2	6T0151R	1	HYD. CYLINDER 3" X 10"
3	32215	1	HYD. CYLINDER 3" X 12" - STD DTY
	25343	-	HYD. CYLINDER 3" X 12" - HVY DTY
4	TF4500A	1	PIVOT ARM
5	TF4507B	1	RIGHT LINKAGE ARM
6	TF4506B	1	LEFT LINKAGE ARM
7	30126B	2	PIN, HEAD PIVOT - STD DTY
	TF4514A	-	PIN, HEAD PIVOT - HVY DTY
8	6T3001	1	PIN, BEAM PIVOT
9	TF4519	2	PIN, LINKAGE
10	TB1033	3	PIN, CLEVIS
11	06537021	6	ROLLPIN
12	6T3005	1	PIN,1" W/ CAP
13	6T3004	1	R-CLIP HAIRPIN
14	6T2614	1	FLATWASHER 1"
15	TB3010	8	BUSHING 1"
16	22847	2	BOSS, LINKAGE PIN
17	22076	1	SPACER, HYD. CYLINDER 1/4"
18	22077	1	SPACER, HYD. CYLINDER 5/16"
19	6T3207	6	GREASE ZERK 1/4"
20	6T3211	3	GREASE ZERK 1/8"
21	6T4258	1	BREATHER 1/2"
22	34244	3	ELBOW FITTING 1/2"
23	34396	3	SWIVEL RESTRICTOR
24	21688	3	CAPSCREW 7/16" X 3 1/4"
25	21677	3	NYLOCK NUT 7/16"
26	21635	2	CAPSCREW 3/8" X 2 1/4"
27	21625	2	HEX NUT 3/8"
28	21831	1	CAPSCREW 3/4" X 1 3/4"
29	21825	1	HEX NUT 3/4"
30	06700095	1	CYLINDER SPACER W/SET SCREW
31		-	MAIN FRAME *REFER TO TRACTOR MOUNT PAGE

60IN SIDE CABLE TM ROTARY MOWER



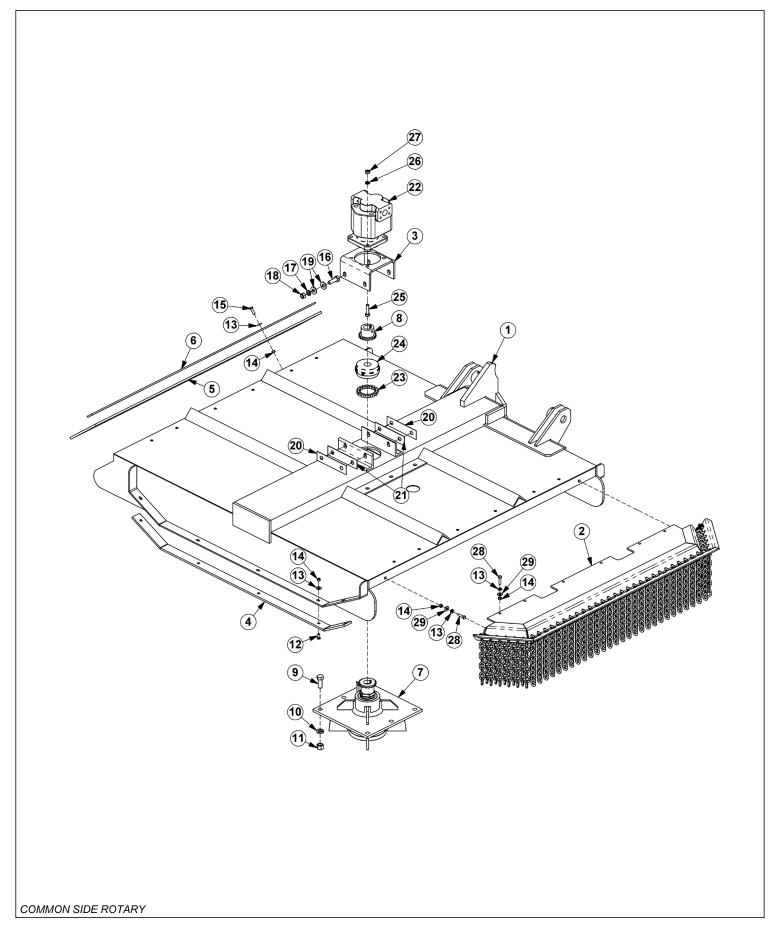
ITEM	PART NO.	QTY.	DESCRIPTION
1	32099	1	RTRY, 60" DECK, CABLE
2	31773	1	GAURD,CHAIN,FRONT,SR60
3	6T1001	1	BRKT, MOTOR MTG, 60"SIDE RTRY
4	6T0820H	2	SKID SHOE, TM60
5	22592	1	FLAP, DEFLECTOR, TM60
6	6T0823	1	BAR, FLAP, TM60
7	6T1024H5	1	SPINDLE ASSY,CPLT,HD,5/8" HOLES
8	21223	1	SPROCKET, 1-1/4" BORE
9	6T2277	6	CAPSCREW,3/4" X 2",NF
10	21993	6	LOCKWASHER,3/4",GR 8
11	6T2413	6	HEX NUT,3/4",NF,GR 8
12	6T2270	10	PLOW BOLT,3/8" X 1",NC
13	22016	29	FLATWASHER,3/8"
14	21625	29	HEX NUT,3/8",NC
15	21631	11	CAPSCREW, 3/8" X 1-1/4",NC
16	21783	4	CAPSCREW, 5/8" X 2",NC
17	21992	4	LOCKWASHER, 5/8"
18	21775	4	HEX NUT, 5/8"
19	25270	8	FLATWASHER,5/8",GR 8
20	6T0822	2	SHIM, MOTOR MOUNT, 14GA. (AS NEEDED)
21	6T0822A	2	SHIM, MOTOR MOUNT, 18 GA. (AS NEEDED)
22	06504011	1	MOTOR,(M365-2 1/4" GEAR)
23	6T1029	1	CHAIN, COUPLING
24	6T1033	1	COVER, COUPLING
25	21733	4	CAPSCREW, 1/2" X 2",NC
26	21990	4	LOCKWASHER,1/2"
27	21725	4	HEX NUT, 1/2",NC
28	21632	8	CAPSCREW,3/8" X 1-1/2",NC
29	21988	8	LOCKWASHER,3/8"
30	21727	1	NYLOCK NUT,1/2",NC
31	27005	1	SPRING, PUSHOFF, SIDE RTRY
32	22018	1	FLATWASHER,1/2",WIDE
33	21745	1	CAPSCREW,1/2" X 7",NC
34	6T3211	1	GREASE ZERK

72IN SIDE CABLE TM ROTARY MOWER



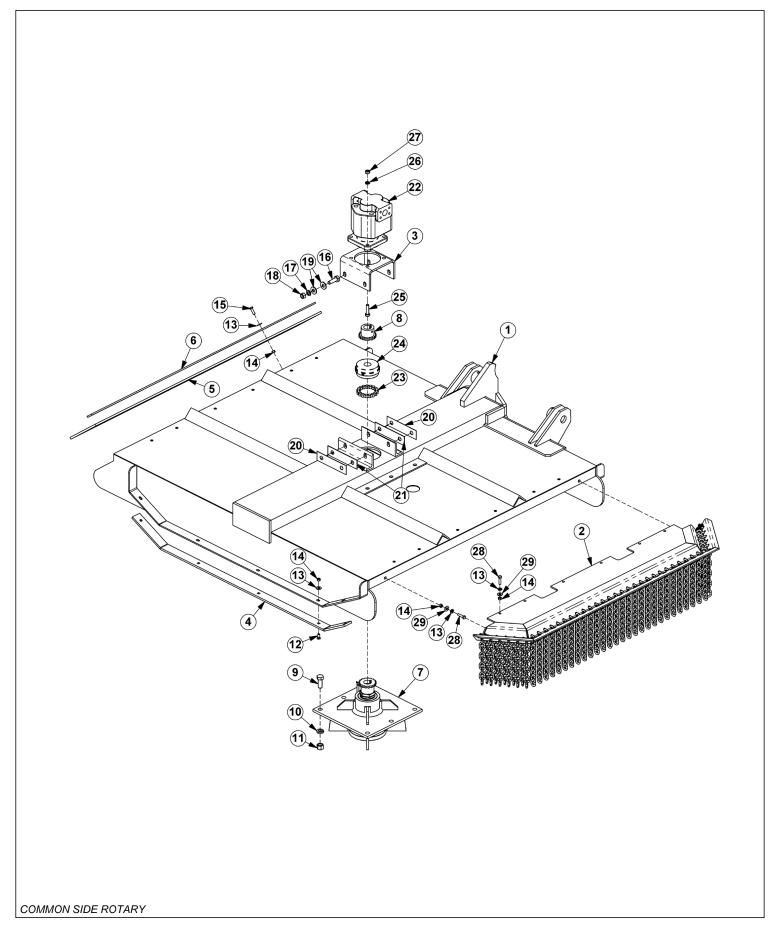
ITEM	PART NO.	QTY.	DESCRIPTION
1	21225B	1	RTRY,72" DECK, CABLE
2	31931	1	GUARD,CHAIN,FRONT,SR72
3	6T1001	1	BRKT, MOTOR MTG, 60"SIDE RTRY
4	21248	2	SKID SHOE, TM72
5	21295B	1	FLAP, DEFLECTOR, TM72
6	21242A	1	BAR, FLAP, TM72
7	6T1024H5	1	SPINDLE ASSY,CPLT,HD,5/8" HOLES
8	21223	1	SPROCKET, 1-1/4" BORE
9	6T2277	6	CAPSCREW,3/4" X 2",NF
10	21993	6	LOCKWASHER,3/4",GR 8
11	6T2413	6	HEX NUT,3/4",NF,GR 8
12	6T2270	10	PLOW BOLT,3/8" X 1",NC
13	22016	29	FLATWASHER,3/8"
14	21625	29	HEX NUT,3/8",NC
15	21631	11	CAPSCREW, 3/8" X 1-1/4",NC
16	21783	4	CAPSCREW, 5/8" X 2",NC
17	21992	4	LOCKWASHER, 5/8"
18	21775	4	HEX NUT, 5/8"
19	25270	8	FLATWASHER,5/8",GR 8
20	6T0822	2	SHIM, MOTOR MOUNT, 14GA. (AS NEEDED)
21	6T0822A	2	SHIM, MOTOR MOUNT, 18 GA. (AS NEEDED)
22	06504011	1	MOTOR,(M365-2 1/4" GEAR)
23	6T1029	1	CHAIN, COUPLING
24	6T1033	1	COVER, COUPLING
25	21733	4	CAPSCREW, 1/2" X 2",NC
26	21990	4	LOCKWASHER,1/2"
27	21725	4	HEX NUT, 1/2",NC
28	21632	8	CAPSCREW,3/8" X 1-1/2",NC
29	21988	8	LOCKWASHER,3/8"
30	21727	1	NYLOCK NUT,1/2",NC
31	27005	1	SPRING, PUSHOFF, SIDE RTRY
32	22018	1	FLATWASHER,1/2",WIDE
33	21745	1	CAPSCREW,1/2" X 7",NC
34	6T3211	1	GREASE ZERK

60IN SIDE COMBO TM ROTARY MOWER



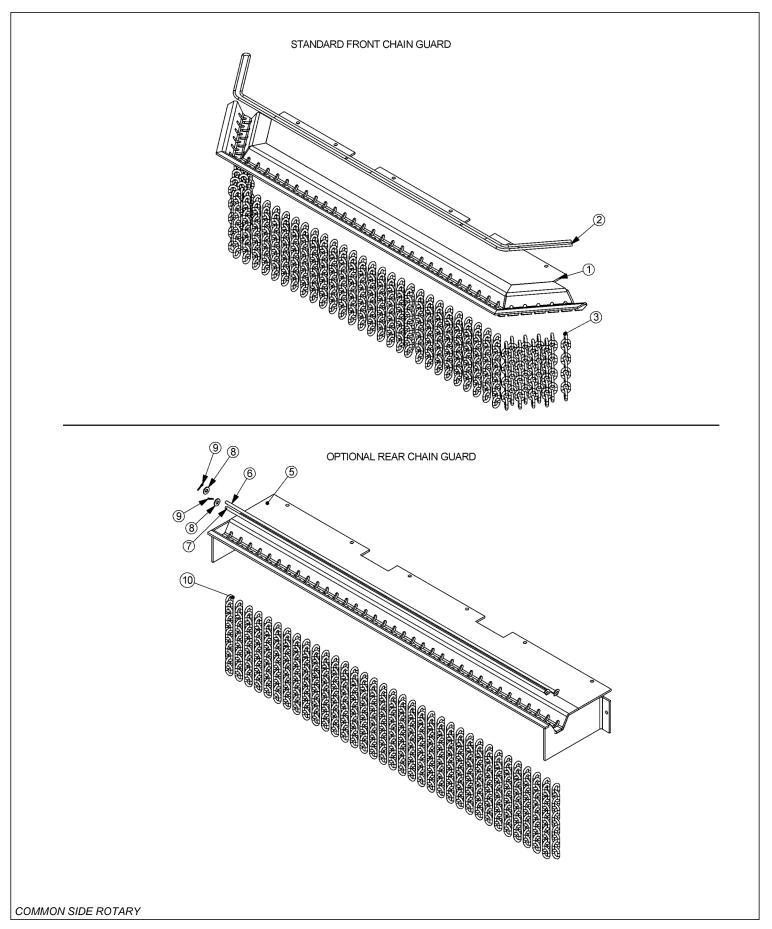
ITEM	PART NO.	QTY.	DESCRIPTION
1	30087D	1	RTRY, 60" DECK, COMBO - STD DUTY
	32617	1	RTRY, 60" DECK, COMBO - HEAVY DUTY
2	31773	1	GUARD, CHAIN, FRONT, SR60
3	6T1001	1	BRKT, MOTOR MTG, 60"SIDE RTRY
4	6T0820H	2	SKID SHOE, TM60
5	22592	1	FLAP, DEFLECTOR, TM60
6	6T0823	1	BAR, FLAP, TM60
7	6T1024H5	1	SPINDLE ASSY,CPLT,HD,5/8" HOLES
8	21223	1	SPROCKET, 1-1/4" BORE
9	6T2277	6	CAPSCREW,3/4" X 2",NF
10	21993	6	LOCKWASHER,3/4",GR 8
11	6T2413	6	HEX NUT,3/4",NF,GR 8
12	6T2270	10	PLOW BOLT,3/8" X 1",NC
13	22016	29	FLATWASHER,3/8"
14	21625	29	HEX NUT,3/8",NC
15	21631	11	CAPSCREW, 3/8" X 1-1/4",NC
16	21783	4	CAPSCREW, 5/8" X 2",NC
17	21992	4	LOCKWASHER, 5/8"
18	21775	4	HEX NUT, 5/8"
19	25270	8	FLATWASHER,5/8",GR 8
20	6T0822	2	SHIM, MOTOR MOUNT, 14GA. (AS NEEDED)
21	6T0822A	2	SHIM, MOTOR MOUNT, 18 GA. (AS NEEDED)
22	06504011	1	MOTOR,(M365-2 1/4" GEAR)
23	6T1029	1	CHAIN, COUPLING
24	6T1033	1	COVER, COUPLING
25	21733	4	CAPSCREW, 1/2" X 2",NC
26	21990	4	LOCKWASHER,1/2"
27	21725	4	HEX NUT, 1/2",NC
28	21632	8	CAPSCREW,3/8" X 1-1/2",NC
29	21988	8	LOCKWASHER,3/8"

72IN SIDE COMBO TM ROTARY MOWER



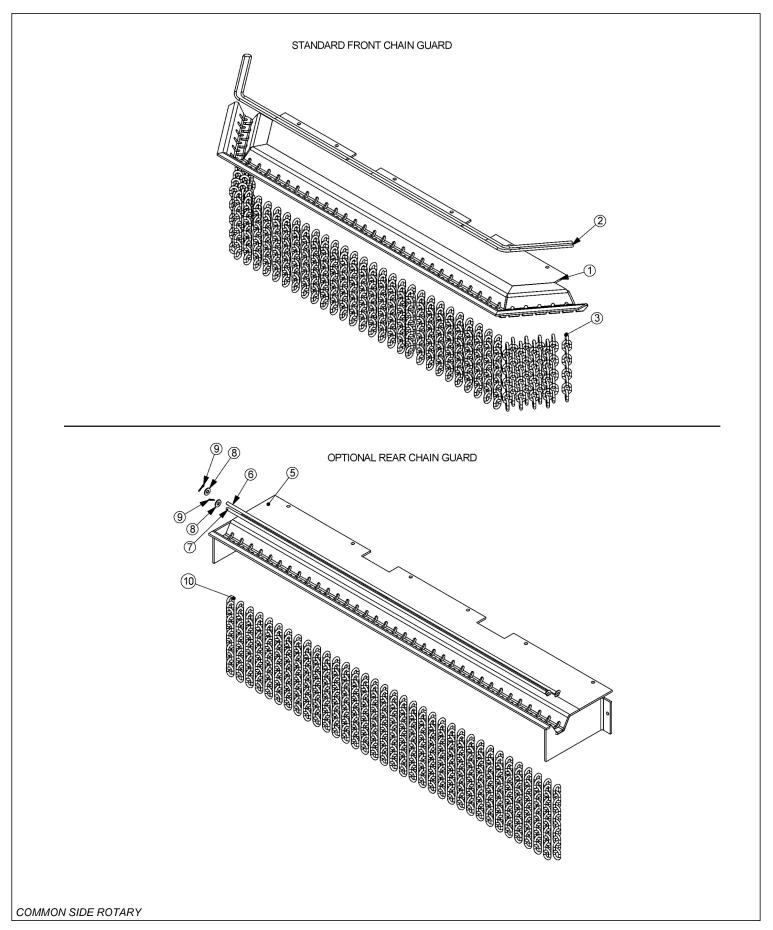
1 34260 1 RTRY, 72" DECK, COMBO - STD DUTY 31408A 1 RTRY, 72" DECK, COMBO - STD DUTY 2 31931 1 GUARD,CHAIN,FRONT,SR72 3 6T1001 1 BRKT, MOTOR MTG, 60"SIDE RTRY 4 21248 2 SKID SHOE, TM72 5 21295B 1 FLAP, DEFLECTOR, TM72 6 21242A 1 BAR, FLAP, TM72 7 6T1024H5 1 SPINDLE ASSY, CPLT, HD, 5/8" HOLES 8 21223 1 SPROCKET, 1-1/4" BORE 9 6T2277 6 CAPSCREW, 3/4" X 2", NF 10 21993 6 LOCKWASHER, 3/4", GR 8
2 31931 1 GUARD,CHAIN,FRONT,SR72 3 6T1001 1 BRKT, MOTOR MTG, 60"SIDE RTRY 4 21248 2 SKID SHOE, TM72 5 21295B 1 FLAP, DEFLECTOR, TM72 6 21242A 1 BAR, FLAP, TM72 7 6T1024H5 1 SPINDLE ASSY,CPLT,HD,5/8" HOLES 8 21223 1 SPROCKET, 1-1/4" BORE 9 6T2277 6 CAPSCREW,3/4" X 2",NF 10 21993 6 LOCKWASHER,3/4",GR 8
3 6T1001 1 BRKT, MOTOR MTG, 60"SIDE RTRY 4 21248 2 SKID SHOE, TM72 5 21295B 1 FLAP, DEFLECTOR, TM72 6 21242A 1 BAR, FLAP, TM72 7 6T1024H5 1 SPINDLE ASSY, CPLT, HD, 5/8" HOLES 8 21223 1 SPROCKET, 1-1/4" BORE 9 6T2277 6 CAPSCREW, 3/4" X 2", NF 10 21993 6 LOCKWASHER, 3/4", GR 8
4 21248 2 SKID SHOE, TM72 5 21295B 1 FLAP, DEFLECTOR, TM72 6 21242A 1 BAR, FLAP, TM72 7 6T1024H5 1 SPINDLE ASSY, CPLT, HD, 5/8" HOLES 8 21223 1 SPROCKET, 1-1/4" BORE 9 6T2277 6 CAPSCREW, 3/4" X 2", NF 10 21993 6 LOCKWASHER, 3/4", GR 8
5 21295B 1 FLAP, DEFLECTOR, TM72 6 21242A 1 BAR, FLAP, TM72 7 6T1024H5 1 SPINDLE ASSY, CPLT, HD, 5/8" HOLES 8 21223 1 SPROCKET, 1-1/4" BORE 9 6T2277 6 CAPSCREW, 3/4" X 2", NF 10 21993 6 LOCKWASHER, 3/4", GR 8
6 21242A 1 BAR, FLAP, TM72 7 6T1024H5 1 SPINDLE ASSY, CPLT, HD, 5/8" HOLES 8 21223 1 SPROCKET, 1-1/4" BORE 9 6T2277 6 CAPSCREW, 3/4" X 2", NF 10 21993 6 LOCKWASHER, 3/4", GR 8
7 6T1024H5 1 SPINDLE ASSY,CPLT,HD,5/8" HOLES 8 21223 1 SPROCKET, 1-1/4" BORE 9 6T2277 6 CAPSCREW,3/4" X 2",NF 10 21993 6 LOCKWASHER,3/4",GR 8
8 21223 1 SPROCKET, 1-1/4" BORE 9 6T2277 6 CAPSCREW,3/4" X 2",NF 10 21993 6 LOCKWASHER,3/4",GR 8
9 6T2277 6 CAPSCREW,3/4" X 2",NF 10 21993 6 LOCKWASHER,3/4",GR 8
10 21993 6 LOCKWASHER,3/4",GR 8
11 $(T)^{412}$ (HEY NUT 2/4" NE CD 9
11 6T2413 6 HEX NUT,3/4",NF,GR 8
12 6T2270 10 PLOW BOLT,3/8" X 1",NC
13 22016 29 FLATWASHER,3/8"
14 21625 29 HEX NUT,3/8",NC
15 21631 11 CAPSCREW, 3/8" X 1-1/4",NC
16 21783 4 CAPSCREW, 5/8" X 2",NC
17 21992 4 LOCKWASHER, 5/8"
18 21775 4 HEX NUT, 5/8"
19 25270 8 FLATWASHER,5/8",GR 8
20 6T0822 2 SHIM, MOTOR MOUNT, 14GA. (AS NEEDED)
21 6T0822A 2 SHIM, MOTOR MOUNT, 18 GA. (AS NEEDED)
22 06504011 1 MOTOR,(M365-2 1/4" GEAR)
23 6T1029 1 CHAIN, COUPLING
24 6T1033 1 COVER, COUPLING
25 21733 4 CAPSCREW, 1/2" X 2",NC
26 21990 4 LOCKWASHER,1/2"
27 21725 4 HEX NUT, 1/2",NC
28 21632 8 CAPSCREW,3/8" X 1-1/2",NC
29 21988 8 LOCKWASHER,3/8"

60IN SIDE TM CHAIN GUARDS



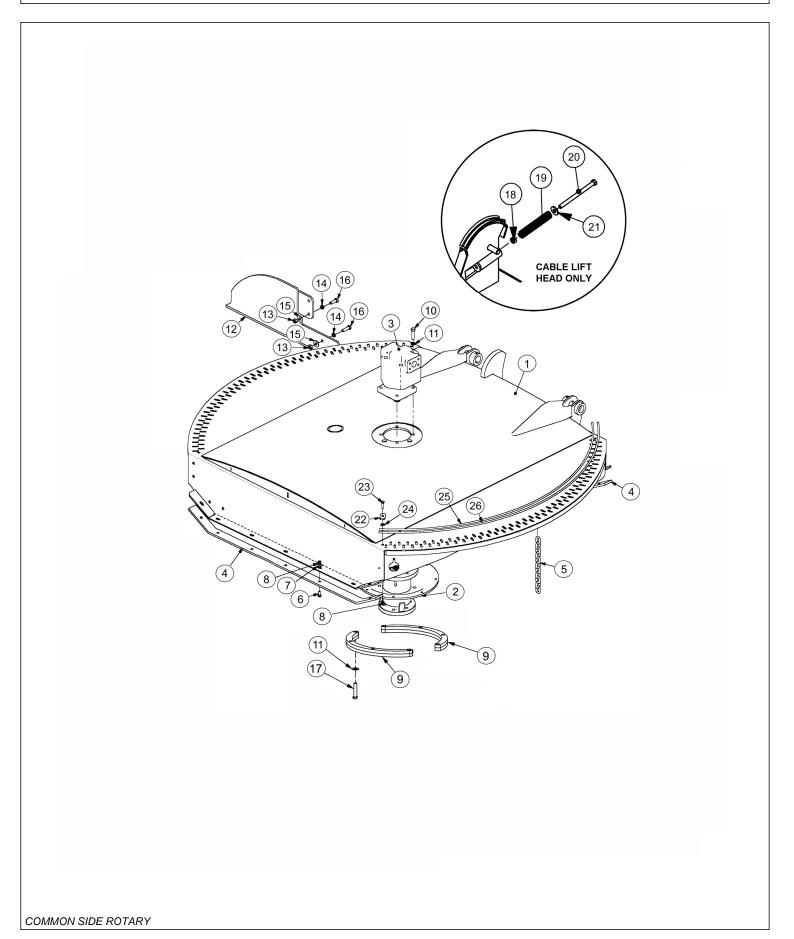
ITEM	PART NO.	QTY.	DESCRIPTION
	31773	-	GUARD, CHAIN, TM60, FRONT, ASSY
1	31762	1	GUARD, CHAIN, TM60, FRONT
2	28407	12	CABLE,5/16",BULK (QTY IN FEET)
3	22993	77	CHAIN,5/16",GR30,9 LINK
4	28408	4	U-BOLT,CABLE,5/16" (NOT SHOWN)
	31774	-	GUARD, CHAIN, TM60, REAR, ASSY
5	31763	1	GUARD, CHAIN, TM60, REAR
6	31879	1	ROD,SHORT,TM60
7	31878	1	ROD,LONG,TM60
8	22016	2	FLATWASHER,3/8",GR8
9	6T3028	2	COTTER PIN,1/8" X 1"
10	22992	69	CHAIN,5/16",GR30,10 LINK

72IN SIDE TM CHAIN GUARDS



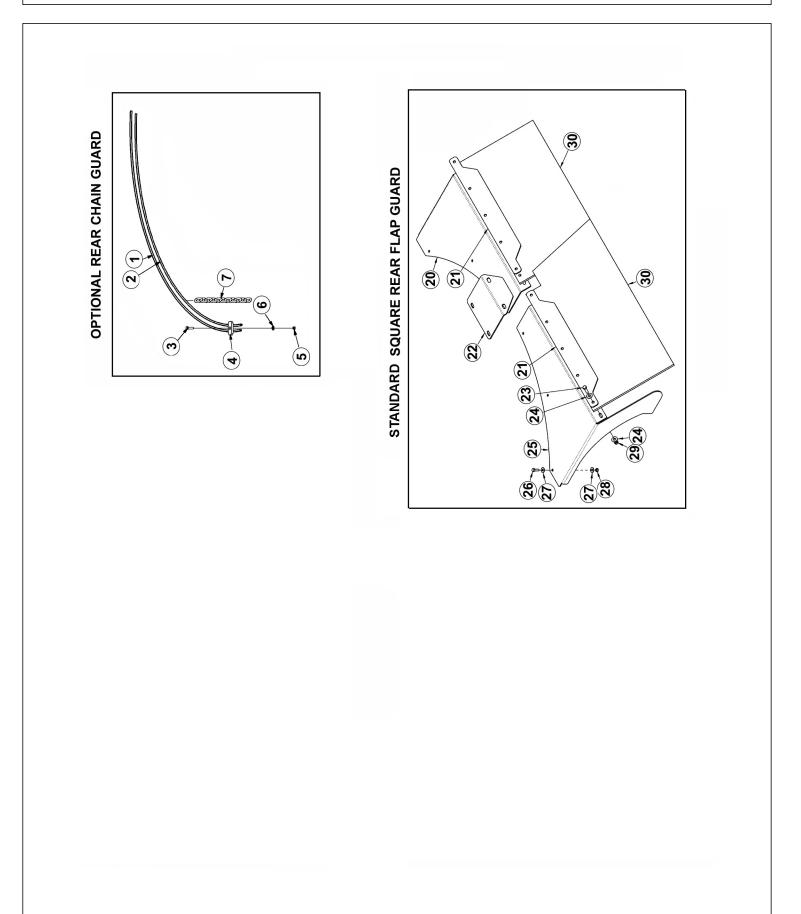
ITEM	PART NO.	QTY.	DESCRIPTION
	31931	-	GUARD,CHAIN,TM72,FRONT,ASSY
1	31863	1	GUARD, CHAIN, TM72, FRONT
2	28407	14	CABLE,5/16",BULK (QTY IN FEET)
3	22993	91	CHAIN,5/16",GR30,9 LINK
4	28408	4	U-BOLT,CABLE,5/16" (NOT SHOWN)
	31932	-	GUARD,CHAIN,TM60,REAR,ASSY
5	31864	1	GUARD, CHAIN, TM60, REAR
6	31934	1	ROD,LONG,TM72
7	31933	1	ROD,SHORT,TM72
8	22016	2	FLATWASHER,3/8",GR8
9	6T3028	2	COTTER PIN,1/8" X 1"
10	22992	83	CHAIN,5/16",GR30,10 LINK

60IN SIDE TSR ROTARY MOWER



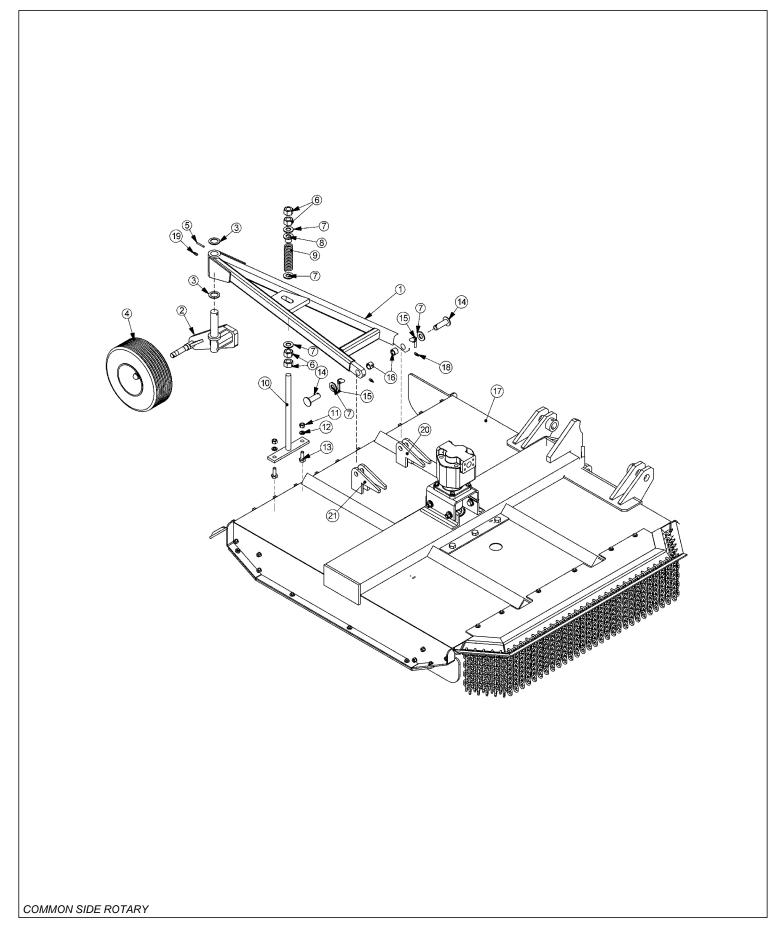
	ITEM	PART NO.	QTY.	DESCRIPTION
	1	34975	1	HEAVY DUTY GRASSKAT COMBO
		06320005	1	STD DUTY GRASSKAT COMBO
		06320008	1	HEAVY DUTY GRASSKAT CABLE
	2	34980	1	SPINDLE ASSY,TM 60"
	3	06504016	1	CURRENT MOTOR, (M365-1 1/4" 14-SPLINE)
	4	06410254	2	SKID,OUTBOARD,TM60
	5	22992	156	CHAIN,10 LINK
	6	6T2270	14	PLOW BOLT,3/8" X 1" NC
	7	22016	26	FLATWASHER,3/8"
	8	21625	30	HEX NUT,3/8",NC
	9	06320011	2	SPACER,TSF,SPINDLE
	10	6T1025	4	CAPSCREW, 1/2 X 2,GR 8,NC
	11	06533004	12	FLATWASHER,1/2,SAE,GR 8
	12	06370029	1	TIRE GUARD, LEFT
	13	21725	8	HEX NUT, 1/2",NC
	14	21990	8	LOCKWASHER, 1/2"
	15	22018	8	FLATWASHER, 1/2",WIDE
	16	21731	4	CAPSCREW, 1/2" X 1-1/2" NC
	17	06530221	8	CAPSCREW,1/2 X 2-1/4,NF,GR8
	18	21745	1	NYLOCK NUT, 1/2
	19	21727	1	SPRING, PUSHOFF, SIDE RTRY
	20	27005	1	CAPSCREW, 1/2 X 7,NC
	21	22018	1	FLATWASHER,1/2",WIDE
	22	34972	4	PLATE,CAP,CHAIN
	23	21631	16	CAPSCREW, 3/8 X 1-1/4,NC
	24	21988	16	LOCKWASHER, 3/8"
	25	34974	2	ROD,CHAIN,INNER,TM60
	26	34973	2	ROD,CHAIN,OUTER,TM60
т				

60IN SIDE TSR REAR GUARDS



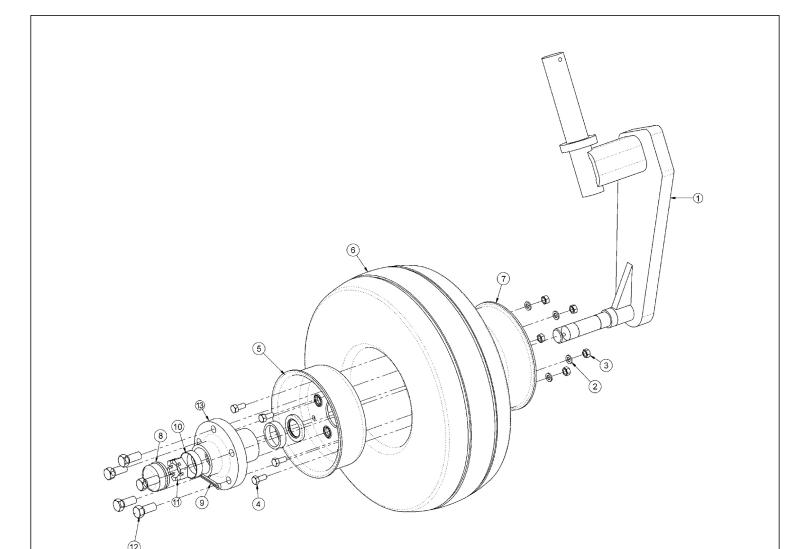
ITEM	PART NO.	QTY.	DESCRIPTION
1	34973	2	ROD, CHAIN, OUTER, TM60
2	34974	2	ROD,CHAIN,INNER,TM60
3	21631	16	CAPSCREW, 3/8 X 1-1/4,NC
4	34972	4	PLATE,CAP,CHAIN
5	21625	30	HEX NUT,3/8",NC
6	21988	16	LOCKWASHER, 3/8"
7	22992	156	CHAIN,10 LINK
20	06410947	1	MNT,FLAP,RH,EXT,TSR
21	06401184	2	STRAP,FLAP,EXT,TSR
22	06410948	1	COVER,FLAP,EXT,TSR
23	21632	10	CAPSCREW,3/8" X 1-1/2" NC
24	22016	20	FLATWASHER,3/8",GR8
25	06410946	1	MNT,FLAP,LH,EXT,TSR
26	21580	6	CAPSCREW,5/16 X 1 NC
27	22015	12	FLATWASHER,5/16
28	21577	6	NYLOCK NUT, 5/16,NC
29	21625	10	HEX NUT,3/8",NC
30	06520331	2	FLAP,EXT,TSR

SIDE ROTARY CASTER WHEEL ASSEMBLY



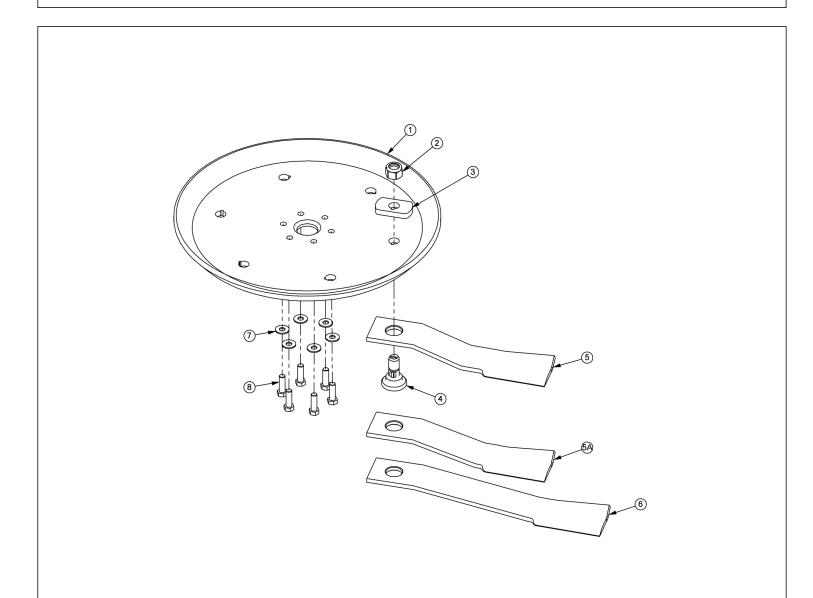
ITEM	PART NO.	QTY.	DESCRIPTION
1	25214C	1	FRAME,CASTER,WHL (TM60)
	28297A	-	FRAME, CASTER WHL (TM72)
2	22057	1	SPINDLE,CASTER AXLE,ASSY
3	6T2617	2	BUSHING,MACH,1-1/2IDX 2-1/4OD
4	28548	1	CASTER WHEEL, SOLID TIRE
	22065	1	HUB,ASSY,CASTER
	22066	1	HUB,CASTER
	22070	1	DUST CAP
	22071	5	HUB STUD
	22073	1	HEX NUT,1",NF (SLOTTED)
	22533	1	COTTER PIN,3/16" X 2"
	6T0830	2	BEARING, CONE, CASTER WHEEL
	6T0838	1	SEAL
	23329	1	WHEEL,CPLT,SOLID TIRE
	21416	1	TIRE,SOLID
	22697	1	RIM,OUTER
	22696	1	RIM,CASTER
5	6T3014	1	ROLL PIN,1/4" X 2"
6	21925	4	HEX NUT,1",NC
7	22023	5	FLATWASHER,1"
8	22753	1	TUBE, PROTECTOR
9	22058	1	SPRING,REAR RTRY
10	22059B	1	ADJ ROD,TRR
11	21775	2	HEX NUT,5/8"
12	21992	2	LOCKWASHER,5/8"
13	21782	2	CAPSCREW,5/8" X 1-3/4",NC
14	22060	2	CASTER FRAME PIN
15	TF1143	2	PIN,LYNCH,7/16" X 2"
16	TB3010	2	BUSHING,1"
17		1	RTRY,CPLT,TM
18	6T3207	2	GREASE ZERK,1/4" X STR
19	6T3211	1	GREASE ZERK,1/8" X STR
20	21441	2	CASTER FRAME ANCHOR (TM60)
	42527	2	CASTER FRAME ANCHOR (TM72)
21	21442	2	CASTER FRAME ANCHOR (TM60)
	42527	2	CASTER FRAME ANCHOR (TM72)

CASTER WHEEL ASSEMBLY



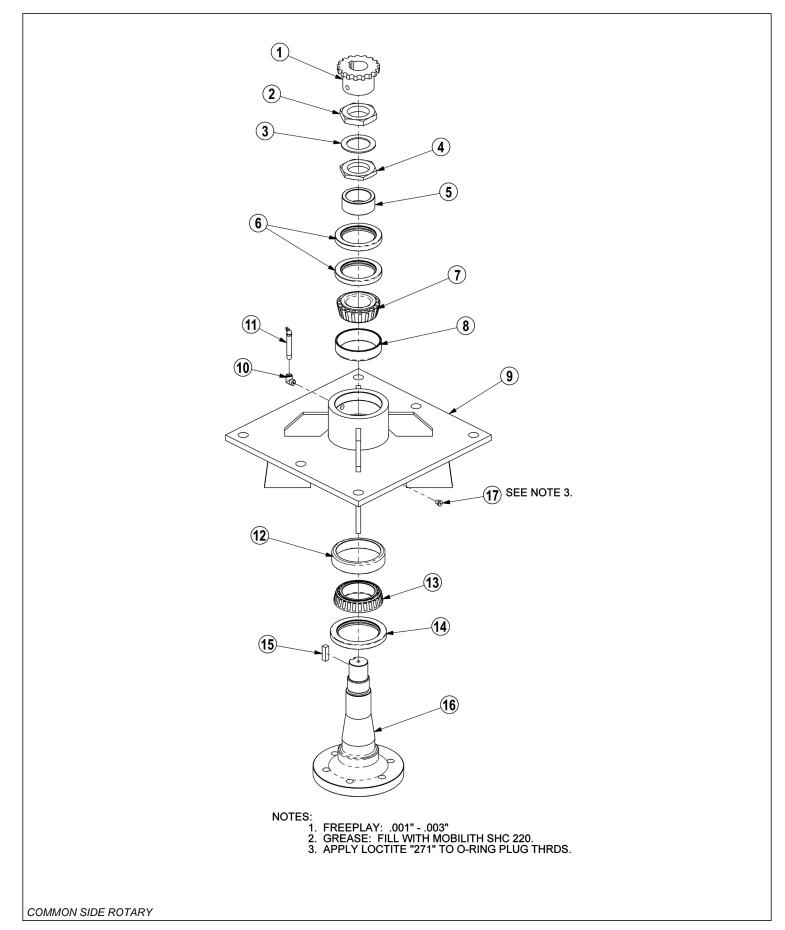
ITEM	PART NO.	QTY.	DESCRIPTION
1	22057	1	SPINDLE,CASTER AXLE,ASSY
2	21987	5	LOCKWASHER,5/16"
3	21575	5	HEX NUT,5/16"
4	28548	5	CAPSCREW,5/16" X 3/4",NC
5	22697	1	RIM,OUTER,CASTER ASSY
6	21416	1	TIRE,SOLID
7	22696	1	RIM,CASTER WHEEL
8	22070	1	DUST CAP
9	22533	1	COTTER PIN,3/16" X 2"
10	6T0836	2	CUP,CASTER WHEEL
11	22073	1	HEX NUT,1",NF (SLOTTED JAM NUT)
12	22071	5	HUB STUD
13	22066	1	HUB,CASTER WHEEL

ROTARY DISK AND KNIVES



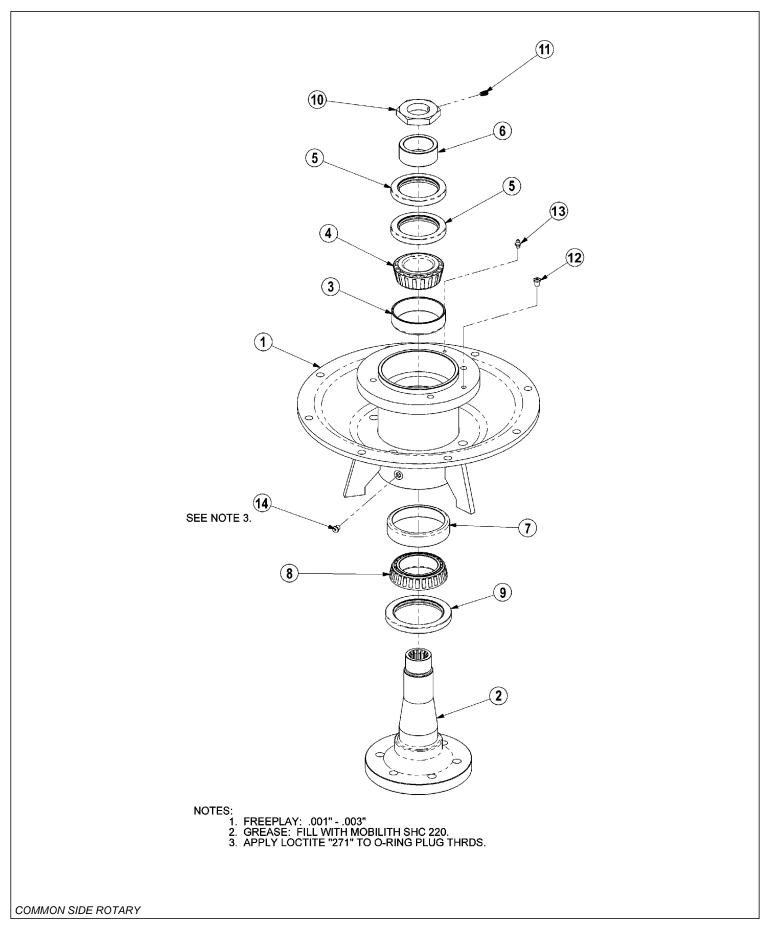
ITEM	PART NO.	QTY.	DESCRIPTION
1	34876	1	BLADE MOUNTING DISK
2	6T1023R	2	NYLOCK NUT,1-1/8"
3	34878	2	SPACER
4	34497	2	KNIFE MOUNTING BOLT
5	34685	2	KNIFE,60" HIGH SUCTION - STANDARD
5A	34684	2	KNIFE,60" - OPTIONAL
6	34682	2	KNIFE 72" (MOUNT ON 72" MOWER ONLY)
7	25270	6	FLATWASHER,5/8",USS,GR8
8	6T2259	6	CAPSCREW,5/8" X 1-3/4",NF
	6T1825	-	LOCTITE - USED ON ALL DISK MOUNTING BOLTS
	27167	-	BOLT KIT (INCLUDE ITEMS 7 & 8)
	06700002	-	KIT,60/72,DISK,KNF MTG (INCLUDE ITEM 1, 3,7 & 8)

TM MOWER SPINDLE ASSEMBLY



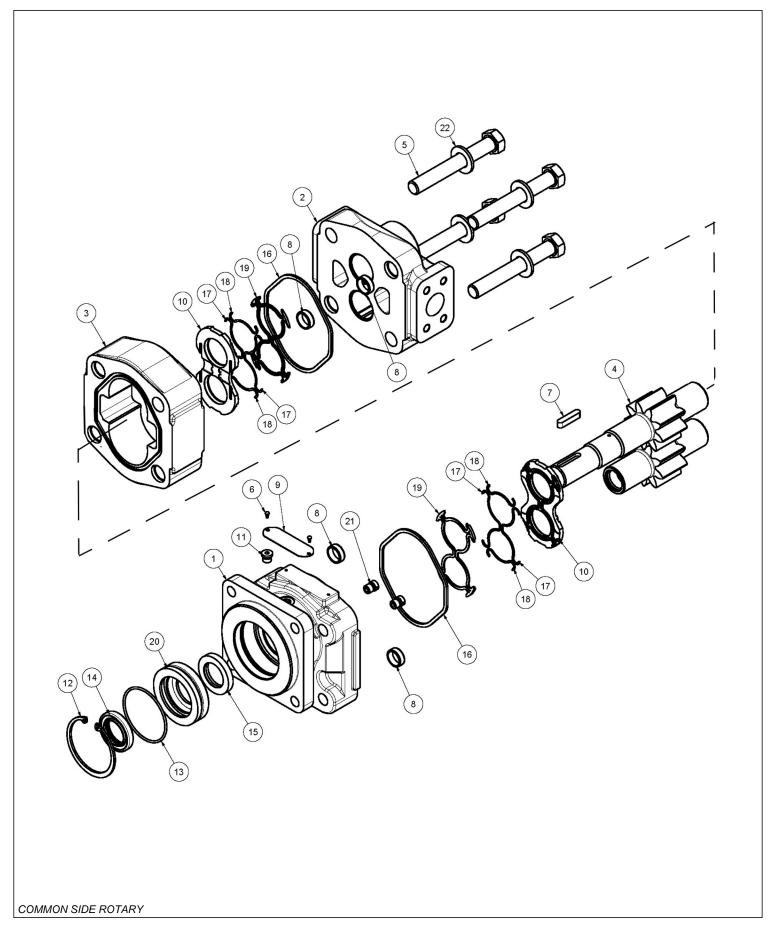
ITEM	PART NO.	QTY.	DESCRIPTION
	6T1024H5	-	SPINDLE ASSEMBLY COMPLETE
1	6T1031	1	SPROCKET
2	6T1016	1	BEARING LOCK NUT - THICK
3	22596	1	JAM WASHER
4	6T1015	1	BEARING ADJUSTMENT NUT - THIN
5	6T1014	1	BEARING ADJUSTMENT SLEEVE
6	6T1011	1	UPPER SEAL - SET OF 2
7	6T1012	1	BEARING CONE
8	6T1013	1	BEARING CUP
9	6T1010H	1	SPINDLE HOUSING
10	30570	1	FITTING STREET ELBOW
11	33990	1	GREASE ZERK
12	6T1013H	1	BEARING CUP
13	6T1012H	1	BEARING CONE
14	6T1011H	1	LOWER SEAL
15	6T1019	1	SPINDLE KEY
16	PT1018H-5	1	SPINDLE
17	06503064	1	O-RING PLUG, 1/8"
	31771	-	SPINDLE REBUILD KIT (INCLUDES ITEMS 2 - 8 AND 12 - 15)

TSR MOWER SPINDLE ASSEMBLY



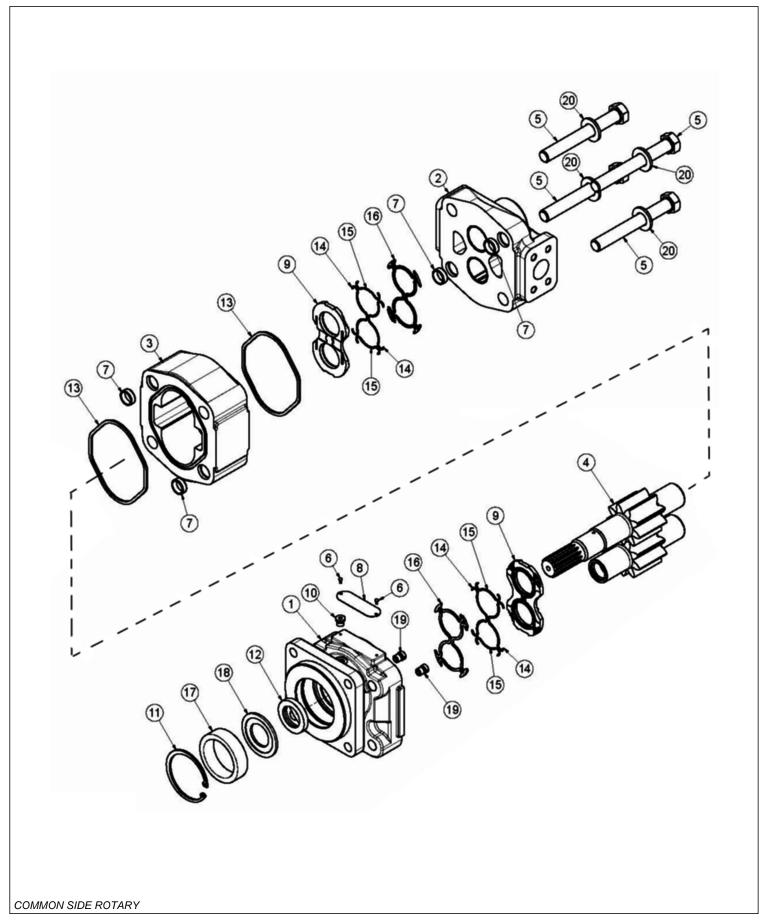
ITEM	PART NO.	QTY.	DESCRIPTION
	34980	-	SPINDLE ASSEMBLY COMPLETE
1	34978	1	SPINDLE MOUNT
2	34979	1	SPINDLE,TM60
3	6T1013	1	BEARING CUP
4	6T1012	1	BEARING CONE
5	6T1011	1	UPPER SEAL - SET OF 2
6	6T1014	1	BEARING ADJUSTMENT SLEEVE
7	6T1013H	1	BEARING,CUP,HD
8	6T1012H	1	BEARING CONE,HD
9	6T1011H	1	SEAL,LOWER,HD
10	34985	1	NUT W/SETSCREW
11	6T2275	1	SETSCREW,5/16" X 1/2",NC
12	34988	1	RELIEF,1PSI,1/8" NPT
13	6T3207	1	ZERK,1/4" X STR
14	06503064	1	O-RING PLUG, 1/8"

ROTARY MOTOR BREAKDOWN



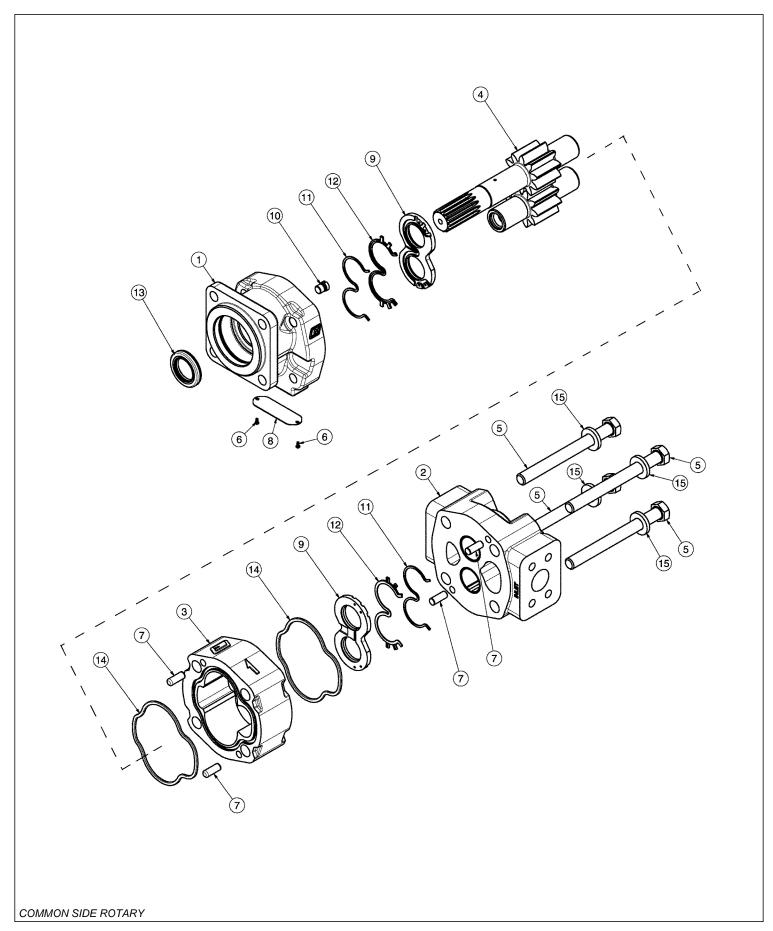
		OTV	DESCRIPTION
	PART NO.	QII.	DESCRIPTION
	06504011	-	MOTOR ASSEMBLY
1	22790	1	END,COVER
2	06504088	1	HOUSING, PEC
3	06504111	1	HOUSING, GEAR
4	06504026	1	SET, GEAR SHAFT
5	06504104	4	CAPSCREW
6	06504078	2	SCREW, DRIVE
7	06504092	1	KEY
8	06504093	4	PIN, DOWEL
9	06504094	1	NAME PLATE
10	06504095	2	THRPL
11	2961940	1	PLUG, ODT
12	2962200	1	RING, SNAP
13	06504096	1	O RING
14	6T5101	1	SEAL, LIP
15	06504097	1	SEAL, LIP
16	22797	2	SEAL, SQ-R
17	06504098	4	SEAL, SIDE CHAN
18	06504099	4	SEAL, END CHAN
19	06504100	2	SEAL, BK-UP
20	06504101	1	RTNR, SEAL
21	6T5809	2	CHECK ASS'Y
22	06504102	4	WASHER
	06504103	-	SEAL KIT

60IN TSR ROTARY MOTOR BREAKDOWN



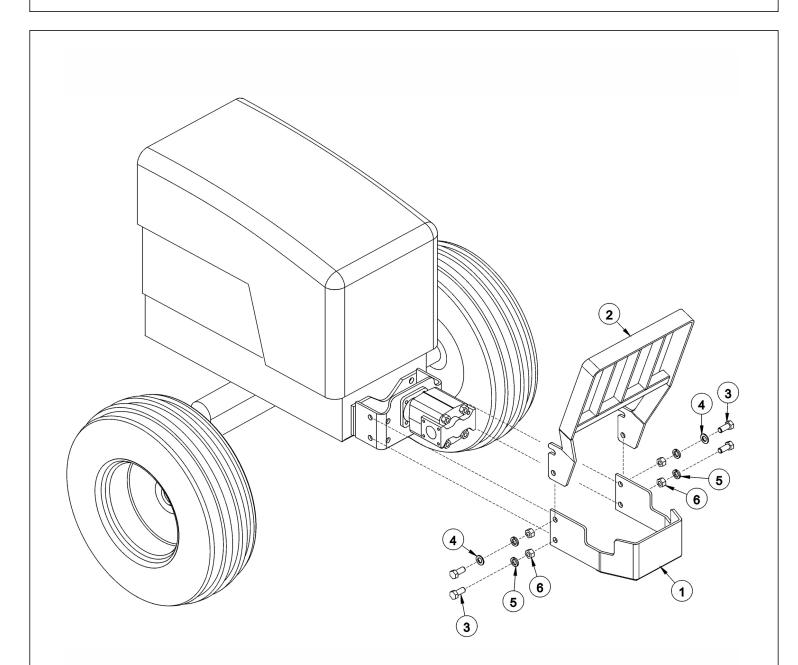
ITEM	PART NO.	QTY.	DESCRIPTION
	06504016	-	MOTOR(M365-1 1/4SPLINE),SEALED
1	22790	1	COVER,END
2	06504088	1	HOUSING,PEC
3	06504111	1	HOUSING,GEAR
4	06504110	1	SET,GEAR SHAFT
5	06504104	4	CAP SCREW
6	06504078	2	SCREW, DRIVE
7	06504093	4	PIN,DOWEL
8	06504094	1	NAME PLATE
9	06504095	2	THRPL
10	02961940	1	PLUG,ODT (0.25)
11	6T5200	1	RING,SNAP
12	06504097	1	SEAL,LIP
13	22797	2	SEAL,SQ-R
14	06504098	4	SEAL,SIDE CHAN
15	06504099	4	SEAL,END CHAN
16	06504100	2	SEAL,BK-UP
17	06504112	1	SPACER
18	06504113	1	RTNR,SEAL
19	6T5809	2	CHECK ASS'Y
20	06504102	4	WASHER
	06504022	1	SEAL KIT

FRONT HYDRAULIC PUMP BREAKDOWN



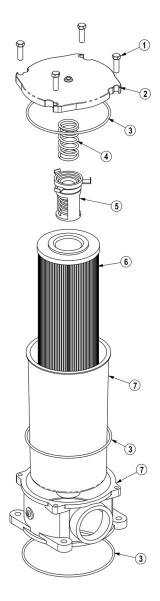
ITEM	PART NO.	QTY.	DESCRIPTION
	23152	1	PUMP ASSEMBLY,1-3/4",COMPLETE
1	22766	1	SHAFT END COVER
2	22779	1	PORT END COVER
3	22774	1	GEAR HOUSING,1-3/4"
4	22771	1	GEAR SET
5	23824	4	CAPSCREW
6	06504078	2	SCREW, DRIVE
7	22773	4	DOWEL PINS
8	06504077	1	NAMEPLATE
9	22770	2	THRUST PLATE
10	22767	1	PLUG
11	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)

PUMP AND GRILL GUARD OPTIONS



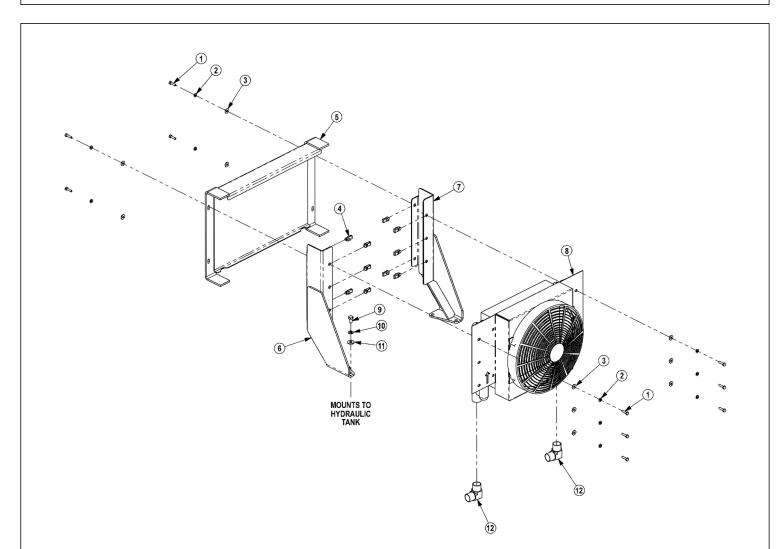
ITEM	PART NO.	QTY.	DESCRIPTION
1	32430	1	UNIVERSAL PUMP GUARD
2	32737	1	UNIVERSAL GRILL GUARD
3	21833	4	CAPSCREW,3/4" X 2-1/4",NC
4	22021	2	FLATWASHER,3/4"
5	21993	4	LOCKWASHER,3/4"
6	21825	4	HEX NUT,3/4",NC

RESERVOIR TANK FILTER ASSEMBLY



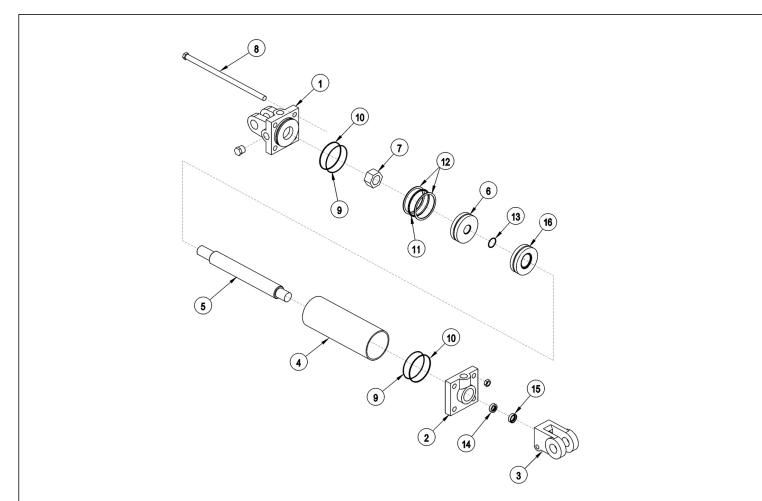
ITEM	PART NO.	QTY.	DESCRIPTION
	06505044	-	FILTER ASSY SAE 10 MICRON
1	28583	4	CAPSCREW,8MM X 25MM(1.25 PITCH)
2	06505045	1	COVER
3	06505046	1	SEAL KIT
4	06505047	1	SPRING
5	06505048	1	BYPASS
6	35259	1	FILTER,10 MIC,RETURN LINE
7	06505049	1	CAN/BODY

COOLER ASSEMBLY



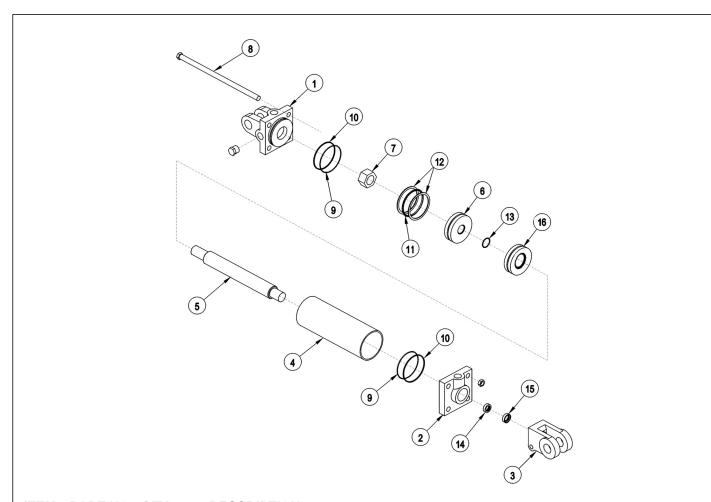
ITEM	PART NO.	QTY.	DESCRIPTION
1	21530	10	CAPSCREW,1/4 X1 NC
2	21986	10	LOCKWASHER,1/4
3	22014	10	FLATWASHER,1/4
4	35176	10	1/4 U-NUT
5	06370015	1	SCREEN,COOLER,FRNT
6	06380006	1	MNT,COOLER,BUMPER TANK,RH
7	06380007	1	MNT,COOLER,BUMPER TANK,LH
8	06510026	1	COOLER, FRONT MNT
	06510029	1	FAN ASSY, ONLY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

3IN X 10IN HYDRAULIC CYLINDER BREAKDOWN



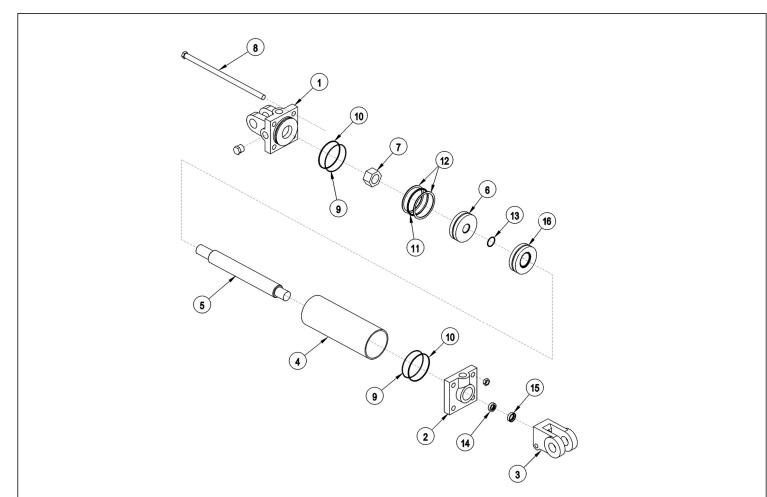
ITEM	PART NO.	QTY.	DESCRIPTION
	6T0151R	-	HYD. CYLINDER 3" X 10"
1	6T0167	1	CYLINDER BUTT
2	6T0170	1	CYLINDER GLAND
3	6T0178	1	CLEVIS END
4	6T0164	1	CYLINDER TUBE
5	6T0161	1	PISTON ROD
6	6T0173	1	PISTON
7	6T0179	1	LOCKNUT
8	6T0176	4	TIE ROD ASY
	6T0187	-	SEAL KIT
9		2	O - RING
10		2	BACK - UP WASHER
11		1	O - RING
12		2	BACK - UP WASHER
13		1	O - RING
14		1	U - CUP
15		1	WIPER

3IN X 12IN HYDRAULIC CYLINDER BREAKDOWN



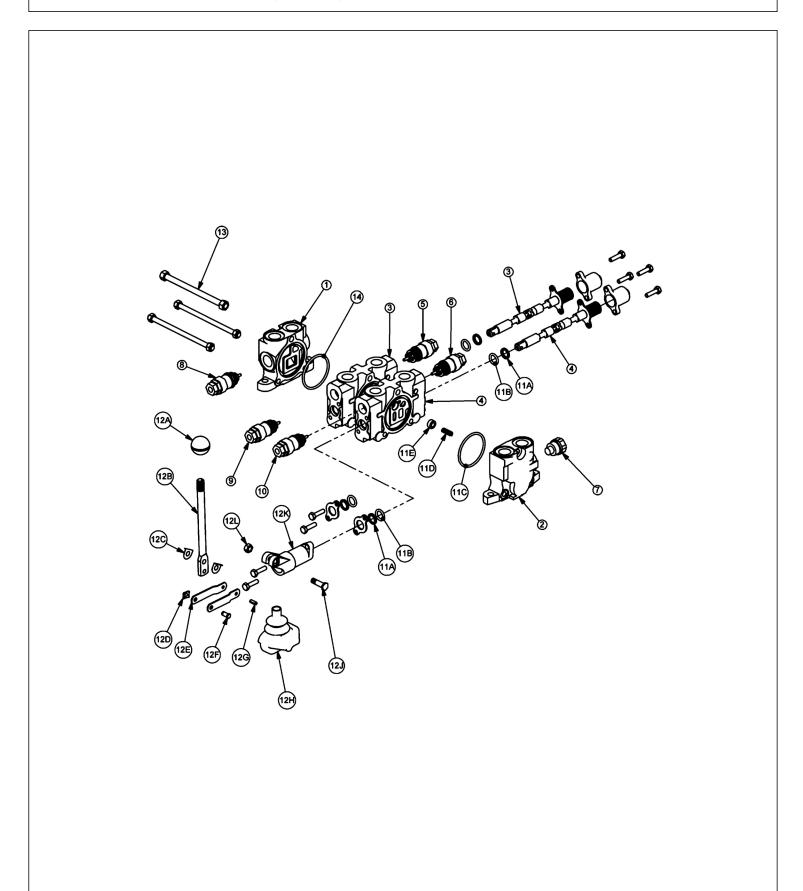
ITEM	PART NO.	QTY.	DESCRIPTION
	32215	-	HYD. CYLINDER 3" X 12" (STD DUTY)
	25343	-	HYD. CYLINDER 3" X 12" (HVY DUTY)
1	6T0167	1	CYLINDER BUTT
2	6T0170	1	CYLINDER GLAND
3	6T0178	1	CLEVIS END
4	6T0204	1	CYLINDER TUBE
5	6T0203	1	PISTON ROD
6	6T0173	1	PISTON
7	6T0179	1	LOCKNUT
8	6T0205	4	TIE ROD ASY
	6T0187	-	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

3IN X 18IN HYDRAULIC CYLINDER BREAKDOWN



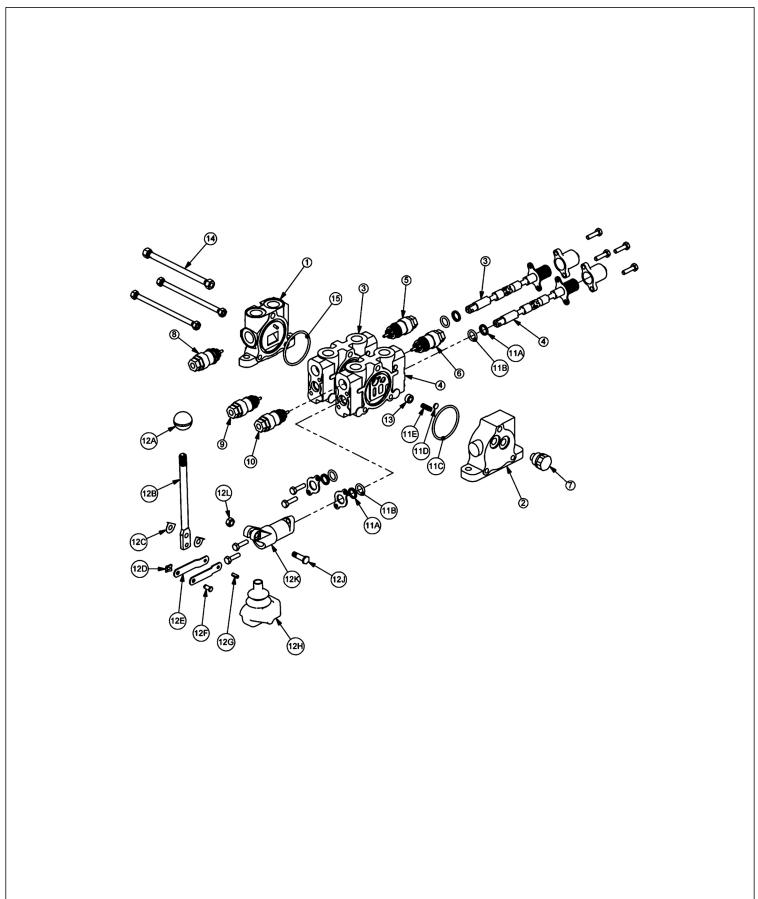
ITEM	PART NO.	QTY.	DESCRIPTION
	6T0150	-	CYLINDER 3" X 18"
1	6T0167	1	CYLINDER BUTT
2	6T0170	1	CYLINDER GLAND
3	6T0178	1	CLEVIS END
4	6T0165	1	CYLINDER TUBE
5	6T0162	1	PISTON ROD
6	6T0173	1	PISTON
7	6T0179	1	LOCKNUT
8	6T0177	4	TIE ROD ASY
	6T0187	-	SEAL KIT
9		2	O - RING
10		2	BACK - UP WASHER
11		1	O - RING
12		2	BACK - UP WASHER
13		1	O - RING
14		1	U - CUP
15		1	WIPER
16	6T0206	1	SPACER

CABLE (MANUAL) LIFT VALVE BREAKDOWN - 30801



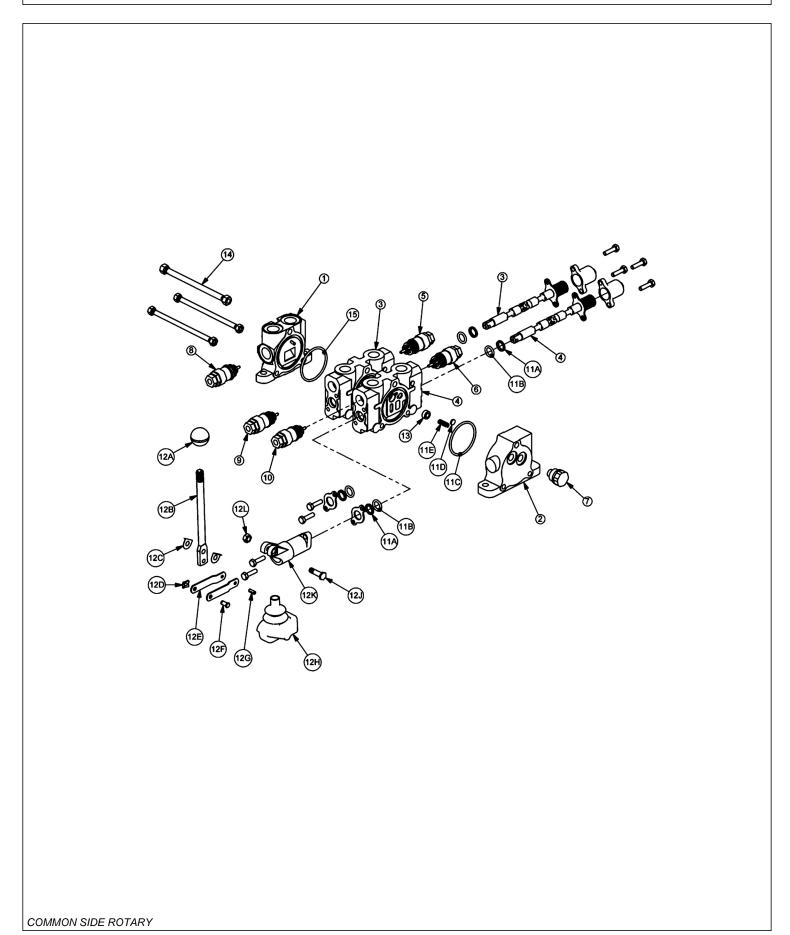
ITEM	PART NO.	QTY.	DESCRIPTION
1	TB1017S	1	INLET END COVER
2	TB1702	1	END COVER, POWER BEYOND
3	TB1017P	1	VALVE SECTION (SINGLE ACTING, SPRING DETENT)
4	06502091	1	VALVE SECTION (DOUBLE ACTING, CENTER SPRING) (NO AUX VALVE PORTS)
5	N/A	-	N/A
6	N/A	-	N/A
7	TB1017M	1	SHUT-OFF PLUG
8	TB1017E	1	RELIEF VALVE, 2250 PSI
9	TB1017M	1	SHUT-OFF PLUG
10	N/A	-	N/A
11	TB1017A	2	VALVE SEAL KIT (FOR ONE SECTION)
11A		2	WIPER
11B		2	O-RING SMALL
11C		1	O-RING LARGE
11D		1	SPRING
11E		1	PUCKET
12	TB1017L	2	LEVER KIT (FOR ONE SECTION)
12A		1	LEVER KNOB
12B		1	LEVER
12C		2	LEVER WASHER
12D		1	LEVER CLIP
12E		2	LINKAGE
12F		1	LEVER PIN
12G		1	ROLL PIN
12H		1	LEVER BOOT
12J		1	LEVER BOLT
12K		1	LEVER DUST COVER
12L		1	LEVER NUT
13	TB1017X	1	TIE ROD KIT
14	24214	1	O-RING, LARGE

CABLE (MANUAL) LIFT VALVE BREAKDOWN - 31320



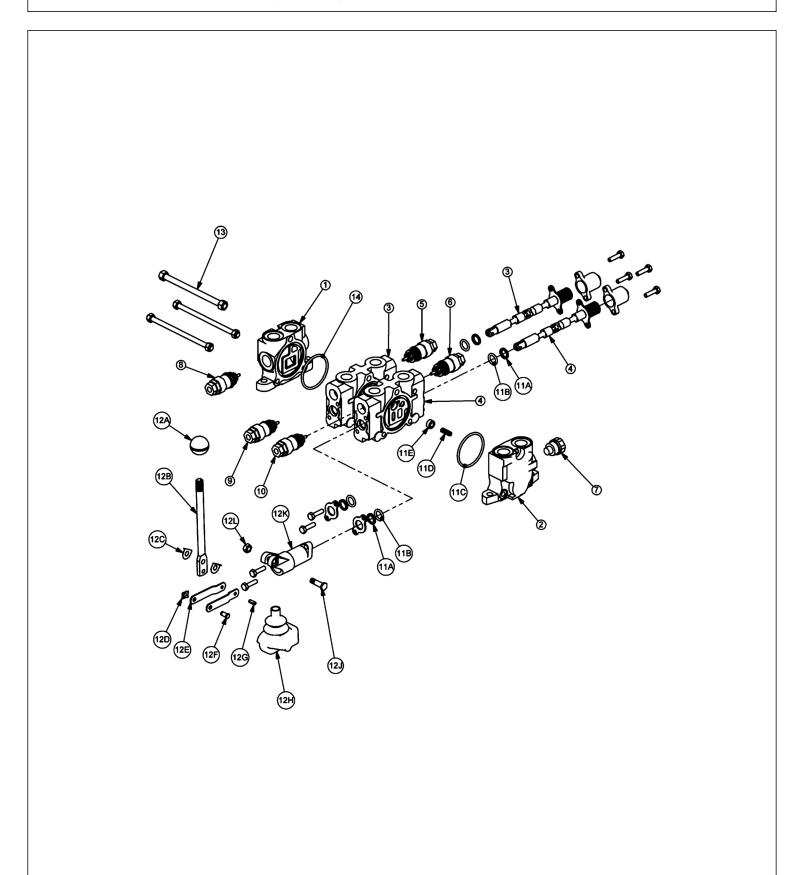
	ITEM	PART NO.	QTY.	DESCRIPTION
	1	31595	1	INLET END COVER
	2	31594	1	END COVER, LOAD SENSE
	3	31597	1	VALVE SECTION (DOUBLE ACTING, CENTER SPRING)
	4	31597	1	VALVE SECTION (DOUBLE ACTING, CENTER SPRING)
	5	06503067	1	RELIEF PLUG
	6	06503067	1	RELIEF PLUG
	7	N/A	-	N/A
	8	6T4209	1	RELIEF PLUG
	9	31862	1	RELIEF VALVE, 2175 PSI
	10	31862	1	RELIEF VALVE, 2175 PSI
	11	31593	2	VALVE SEAL KIT (FOR ONE SECTION)
	11A		2	WIPER
	11B		2	O-RING SMALL
	11C		1	O-RING LARGE
	11D		1	SHUTTLE DISC
	11E		1	SPRING
	12	TB1017L	2	LEVER KIT (FOR ONE SECTION)
	12A		1	LEVER KNOB
	12B		1	LEVER
	12C		2	LEVER WASHER
	12D		1	LEVER CLIP
	12E		2	LINKAGE
	12F		1	LEVER PIN
	12G		1	ROLL PIN
	12H		1	LEVER BOOT
	12J		1	LEVER BOLT
	12K		1	LEVER DUST COVER
	12L		1	LEVER NUT
	13	31603	2	COMPENSATOR
	14	TB1017X	1	TIE ROD KIT
	15	24214	1	O-RING, LARGE
1				

CABLE (MANUAL) LIFT VALVE BREAKDOWN - 31321



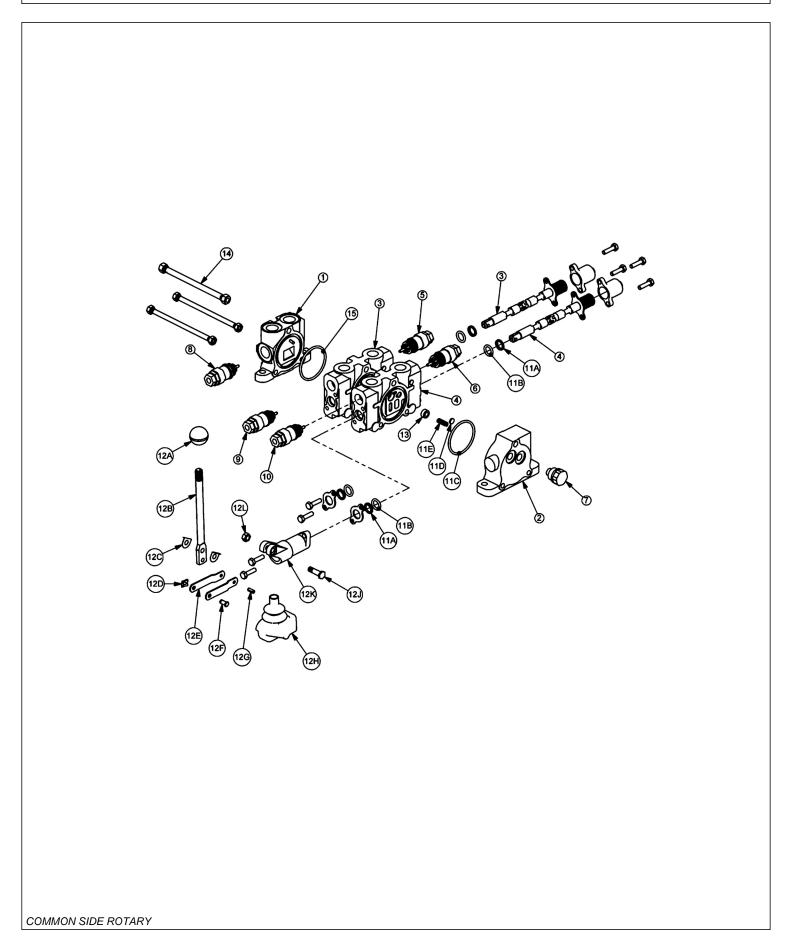
	ITEM	PART NO.	QTY.	DESCRIPTION
	1	31595	1	INLET END COVER
	2	31594	1	END COVER, LOAD SENSE
	3	31597	1	VALVE SECTION (DOUBLE ACTING, CENTER SPRING)
	4	31597	1	VALVE SECTION (DOUBLE ACTING, CENTER SPRING)
	5	06503067	1	RELIEF PLUG
	6	31861	1	RELIEF VALVE, 360 PSI
	7	N/A	-	N/A
	8	6T4209	1	RELIEF PLUG
	9	31862	1	RELIEF VALVE, 2175 PSI
	10	31862	1	RELIEF VALVE, 2175 PSI
	11	31593	2	VALVE SEAL KIT (FOR ONE SECTION)
	11A		2	WIPER
	11B		2	O-RING SMALL
	11C		1	O-RING LARGE
	11D		1	SHUTTLE DISC
	11E		1	SPRING
	12	TB1017L	2	LEVER KIT (FOR ONE SECTION)
	12A		1	LEVER KNOB
	12B		1	LEVER
	12C		2	LEVER WASHER
	12D		1	LEVER CLIP
	12E		2	LINKAGE
	12F		1	LEVER PIN
	12G		1	ROLL PIN
	12H		1	LEVER BOOT
	12J		1	LEVER BOLT
	12K		1	LEVER DUST COVER
	12L		1	LEVER NUT
	13	31603	2	COMPENSATOR
	14	TB1017X	1	TIE ROD KIT
	15	24214	1	O-RING, LARGE
1				

CABLE (MANUAL) LIFT VALVE BREAKDOWN - 31752



ITEM	PART NO.	QTY.	DESCRIPTION
1	TB1017S	1	INLET END COVER
2	TB1702	1	END COVER, POWER BEYOND
3	TB1017P	1	VALVE SECTION (SINGLE ACTING, SPRING DETENT)
4	TB1017P	1	VALVE SECTION (SINGLE ACTING, SPRING DETENT)
5	N/A	-	N/A
6	N/A	-	N/A
7	TB1017M	1	SHUT-OFF PLUG
8	TB1017E	1	RELIEF VALVE, 2250 PSI
9	TB1017M	1	SHUT-OFF PLUG
10	TB1017M	1	SHUT-OFF PLUG
11	TB1017A	2	VALVE SEAL KIT (FOR ONE SECTION)
11A		2	WIPER
11B		2	O-RING SMALL
11C		1	O-RING LARGE
11D		1	SPRING
11E		1	PUCKET
12	TB1017L	2	LEVER KIT (FOR ONE SECTION)
12A		1	LEVER KNOB
12B		1	LEVER
12C		2	LEVER WASHER
12D		1	LEVER CLIP
12E		2	LINKAGE
12F		1	LEVER PIN
12G		1	ROLL PIN
12H		1	LEVER BOOT
12J		1	LEVER BOLT
12K		1	LEVER DUST COVER
12L		1	LEVER NUT
13	TB1017X	1	TIE ROD KIT
14	24214	1	O-RING, LARGE

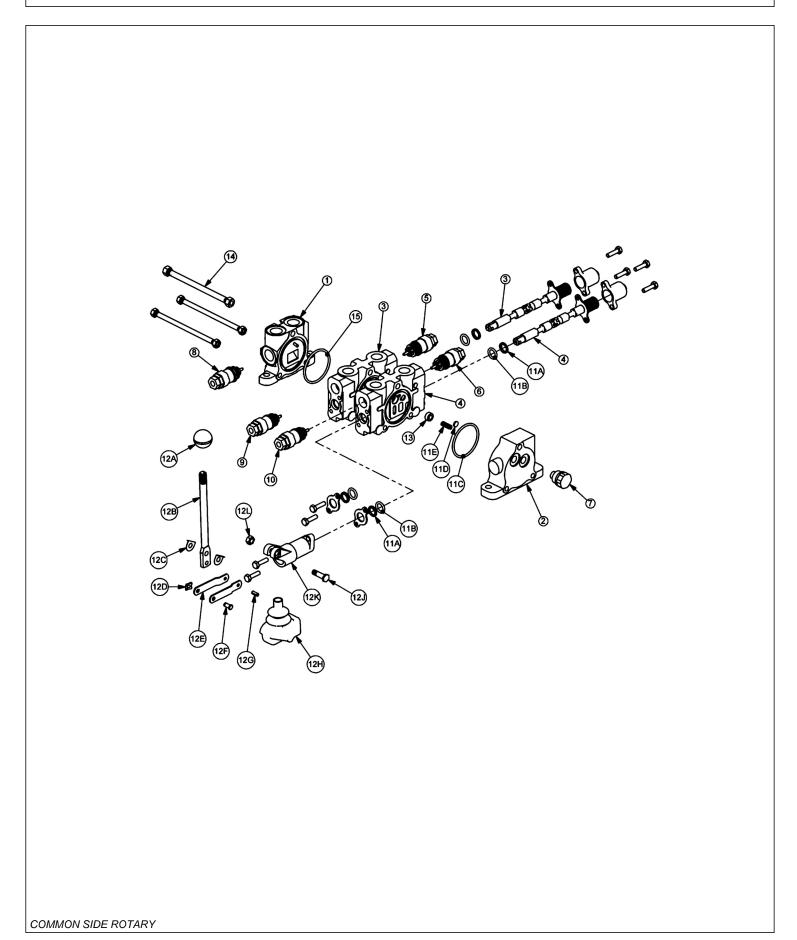
CABLE (MANUAL) LIFT VALVE BREAKDOWN - 06502040



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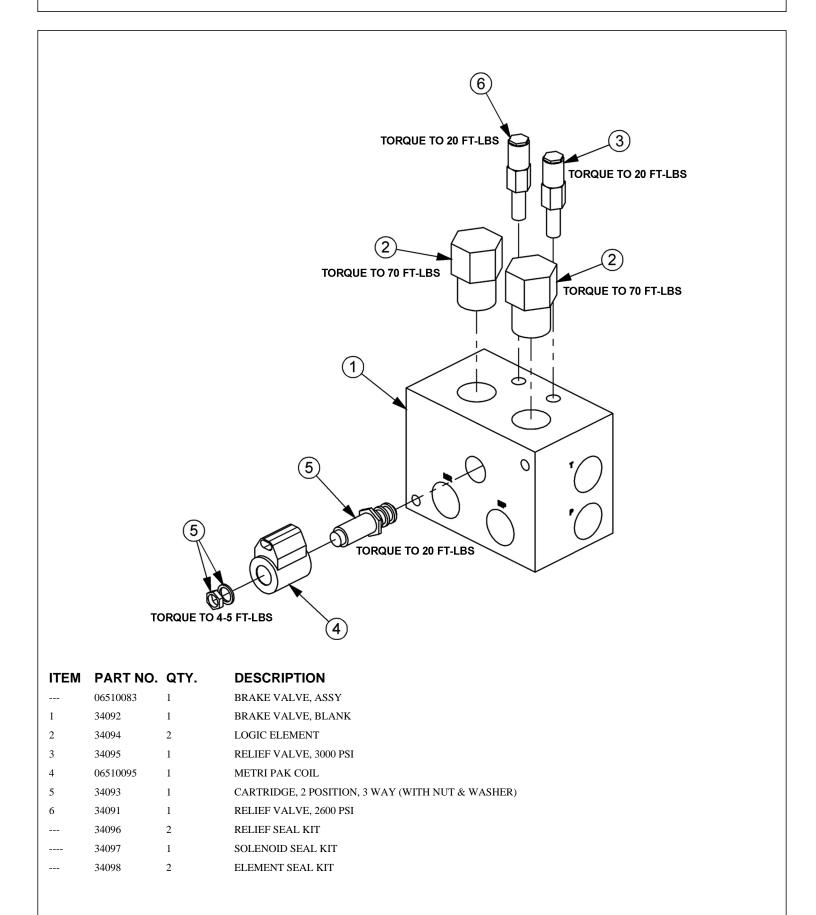
	ITEM	PART NO.	QTY.	DESCRIPTION
	1	31595	1	INLET END COVER
	2	31594	1	END COVER, LOAD SENSE
	3	31597	1	VALVE SECTION (DOUBLE ACTING, CENTER SPRING)
	4	31597	1	VALVE SECTION (DOUBLE ACTING, CENTER SPRING) (REMOVE SHUTTLE DISC)
	5	06503067	1	RELIEF PLUG
	6	06503067	1	RELIEF PLUG
	7	06503068	1	RELIEF PLUG
	8	N/A	-	N/A
	9	31862	1	RELIEF VALVE, 2175 PSI
	10	31862	1	RELIEF VALVE, 2175 PSI
	11	31593	2	VALVE SEAL KIT (FOR ONE SECTION)
	11A		2	WIPER
	11 B		2	O-RING SMALL
	11C		1	O-RING LARGE
	11D		1	SHUTTLE DISC
	11E		1	SPRING
	12	TB1017L	2	LEVER KIT (FOR ONE SECTION)
	12A		1	LEVER KNOB
	12B		1	LEVER
	12C		2	LEVER WASHER
	12D		1	LEVER CLIP
	12E		2	LINKAGE
	12F		1	LEVER PIN
	12G		1	ROLL PIN
	12H		1	LEVER BOOT
	12J		1	LEVER BOLT
	12K		1	LEVER DUST COVER
	12L		1	LEVER NUT
	13	31603	2	COMPENSATOR
	14	TB1017X	1	TIE ROD KIT
	15	24214	1	O-RING, LARGE
-1				

CABLE (MANUAL) LIFT VALVE BREAKDOWN - 06502041

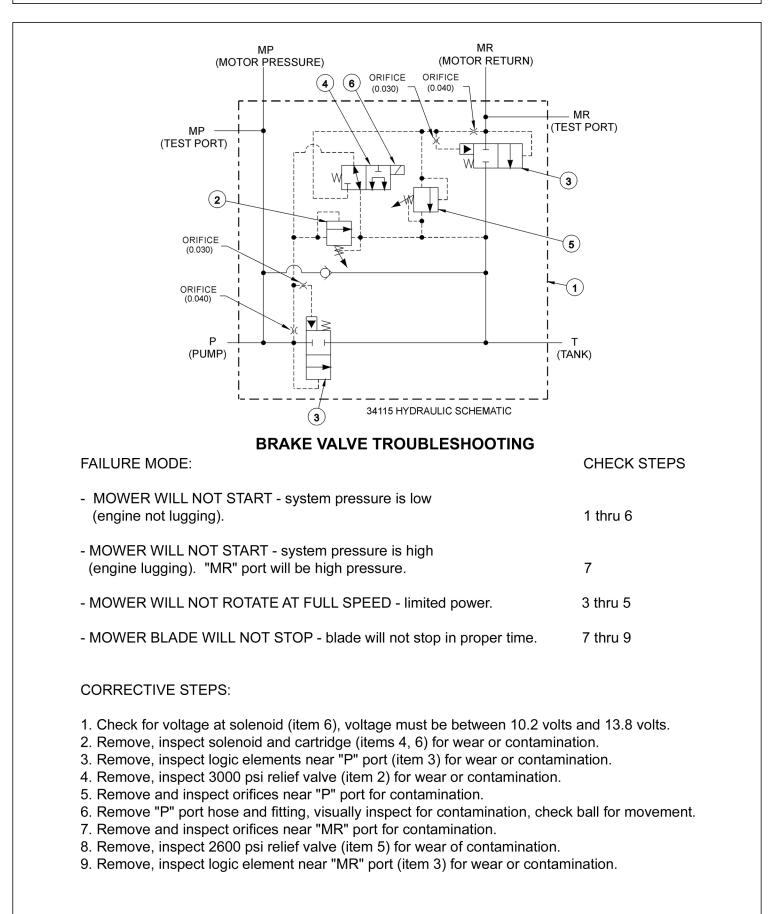


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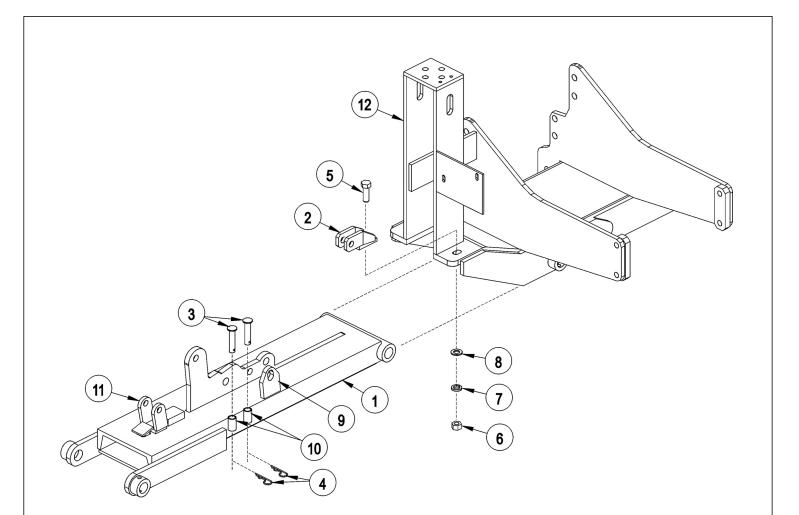
	ITEM	PART NO.	QTY.	DESCRIPTION
	1	31595	1	INLET END COVER
	2	31594	1	END COVER, LOAD SENSE
	3	31597	1	VALVE SECTION (DOUBLE ACTING, CENTER SPRING)
	4	31597	1	VALVE SECTION (DOUBLE ACTING, CENTER SPRING)
	5	06503067	1	RELIEF PLUG
	6	31861	1	RELIEF VALVE, 360 PSI
	7	06503068	1	RELIEF PLUG
	8	6T4209	1	RELIEF PLUG
	9	31862	1	RELIEF VALVE, 2175 PSI
	10	31862	1	RELIEF VALVE, 2175 PSI
	11	31593	2	VALVE SEAL KIT (FOR ONE SECTION)
	11A		2	WIPER
	11B		2	O-RING SMALL
	11C		1	O-RING LARGE
	11D		1	SHUTTLE DISC
	11E		1	SPRING
	12	TB1017L	2	LEVER KIT (FOR ONE SECTION)
	12A		1	LEVER KNOB
	12B		1	LEVER
	12C		2	LEVER WASHER
	12D		1	LEVER CLIP
	12E		2	LINKAGE
	12F		1	LEVER PIN
	12G		1	ROLL PIN
	12H		1	LEVER BOOT
	12J		1	LEVER BOLT
	12K		1	LEVER DUST COVER
	12L		1	LEVER NUT
	13	31603	2	COMPENSATOR
	14	TB1017X	1	TIE ROD KIT
	15	24214	1	O-RING, LARGE
-1				



BRAKE VALVE HYDRAULIC SCHEMATIC

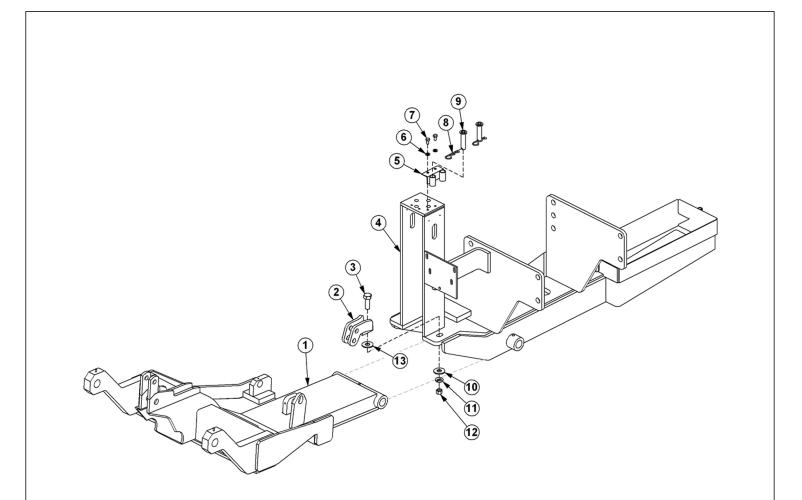


CABLE DRAFT BEAM TRAVEL LOCK



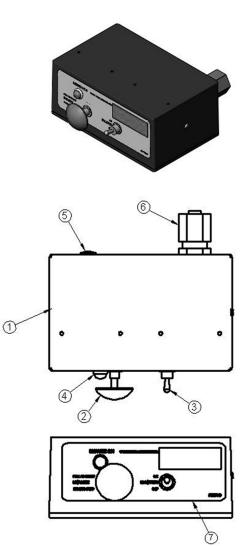
ITEM	PART NO.	QTY.	DESCRIPTION
1		-	CABLE DRAFT BEAM
2	6T0106	1	TRAVEL LOCK BRACKET
3	6T0107	2	TRAVEL LOCK PINS 3/4" X 3 1/4"
4	6T3020	2	R - CLIP 5/32"
5	21833	1	CAPSCREW 3/4" X 2 1/4"
6	21825	1	HEX NUT 3/4"
7	21993	1	LOCK WASHER 3/4"
8	22021	1	FLAT WASHER 3/4"
9	22600	1	TRAVEL LOCK EAR
10	22604	2	PIN HOLDER
11	22601C	1	TRAVEL LOCK ASY
12		-	MAIN FRAME *REFER TO PARTS SECTION

COMBO DRAFT BEAM TRAVEL LOCK



ITEM	PART NO.	QTY.	DESCRIPTION
1		-	COMBO DRAFT BEAM
2	6T0106	1	TRAVEL LOCK BRACKET
3	21835	1	CAPSCREW,3/4" X 2-3/4",NC
4		-	MAIN FRAME *REFER TO PARTS SECTION
5	33856	1	BRKT,PIN HOLDER
6	21988	2	LOCKWASHER,3/8"
7	21629	2	CAPSCREW,3/8" X 3/4",NC
8	6T3020	2	R-CLIP,5/32"
9	6T0107	2	TRAVEL LOCK PINS,3/4" X 3-1/4"
10	22021	1	FLATWASHER,3/4"
11	21993	1	LOCKWASHER,3/4"
12	21825	1	HEX NUT,3/4",NC
13	06430147	1	SPACER
8 9 10 11 12	6T3020 6T0107 22021 21993 21825	2 2 1 1 1	R-CLIP,5/32" TRAVEL LOCK PINS,3/4" X 3-1/4" FLATWASHER,3/4" LOCKWASHER,3/4" HEX NUT,3/4",NC

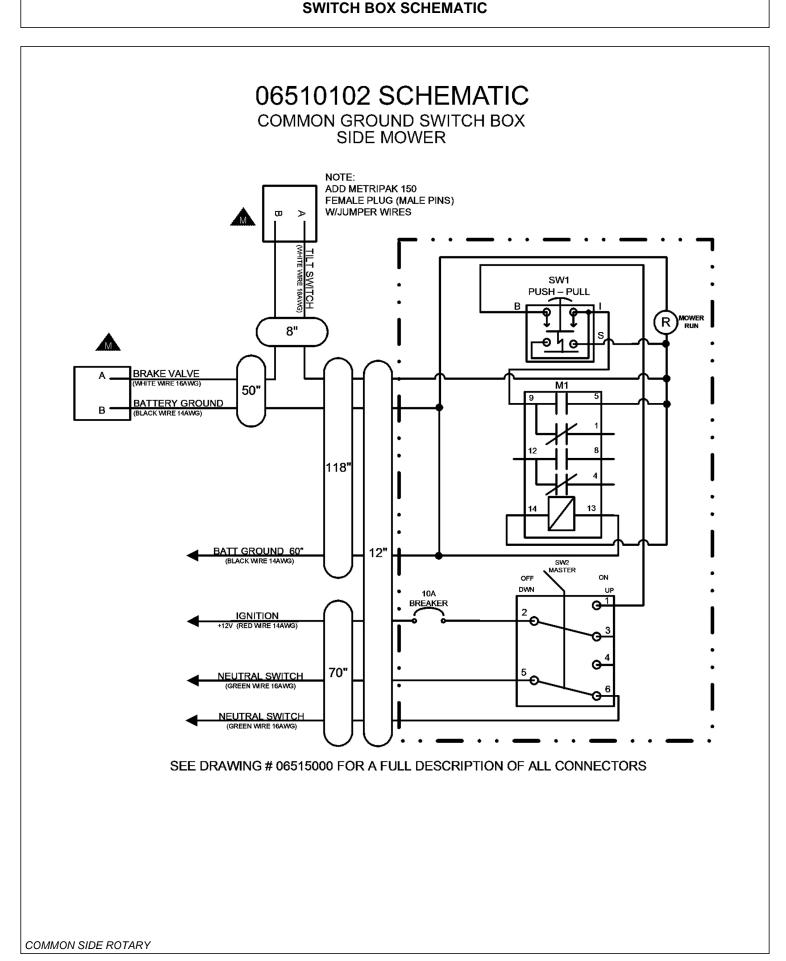
SWITCH BOX



ITEM	PART NO.	QTY.
1	06514012	1

DESCRIPTION

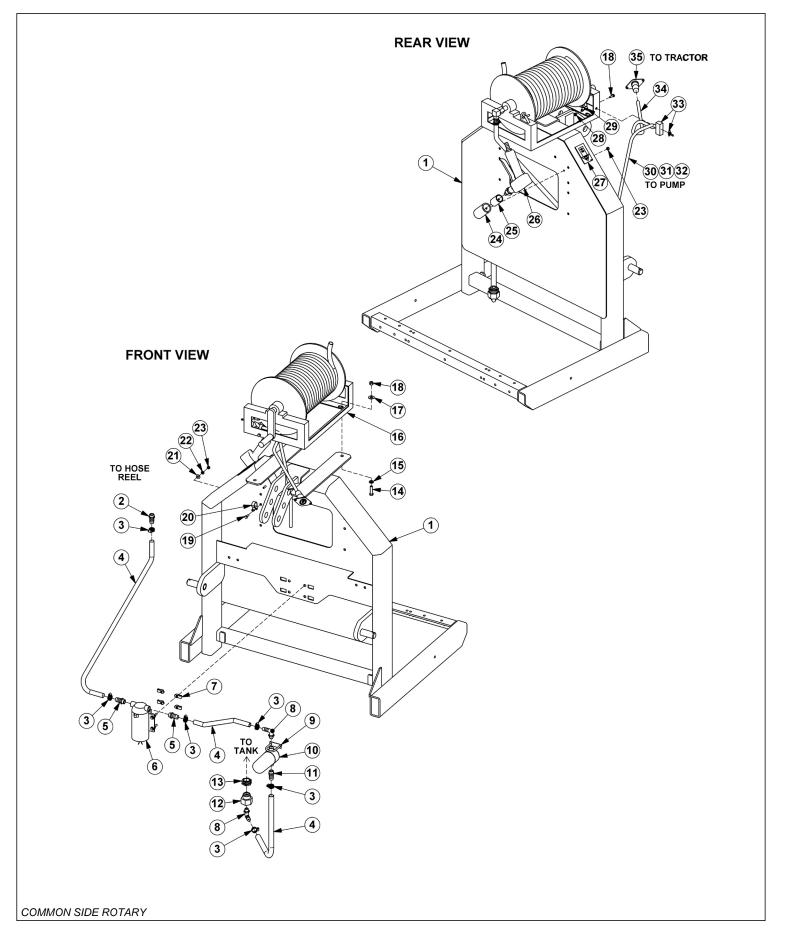
1	06514013	1	SWBX,ALUM,BLK,06510102
2	35226	1	SWITCH, MOWER, COLEHERSEE
3	33811	1	SWITCH, MASTER/DECK FLOAT
4	6T3923	1	INDICTATOR LIGHT, ON, RED
5	06514014	1	BREAKER,10A,SWBX
6	34540	1	STRAIN RELIEF,3/4,BLACK,NYLON
7	06550018	1	DECAL,SWTCHBX,TM/TSF,CG
8	35227	1	RELAY, DP, DT, 12V, LY2F, 35226



NOTES 1

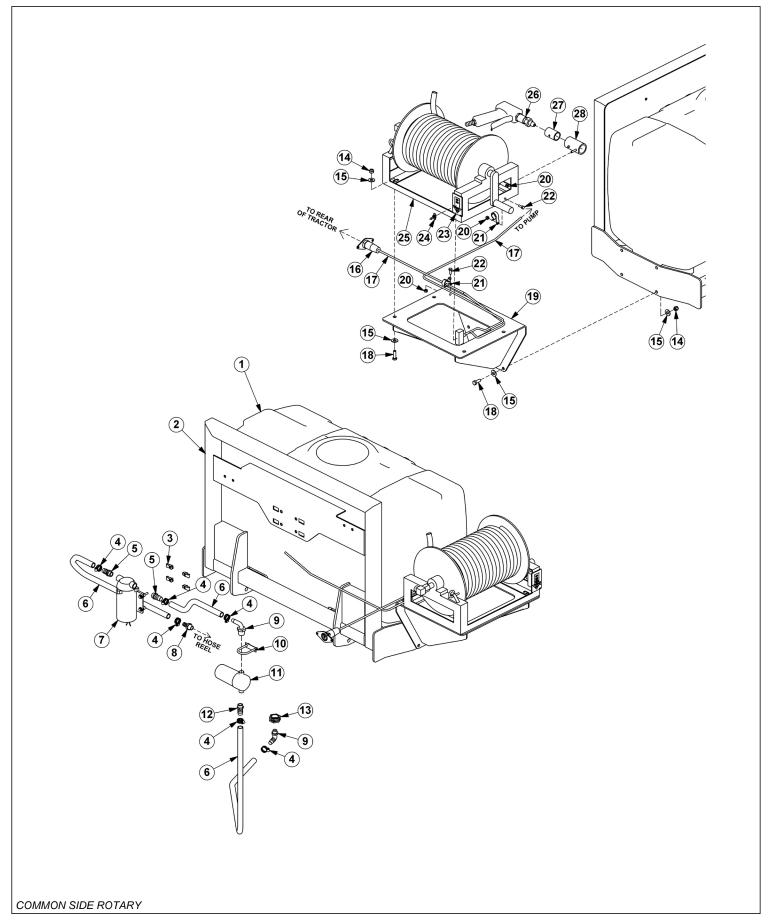
NOTES

FIRE SUPPRESSION SYSTEM SECTION



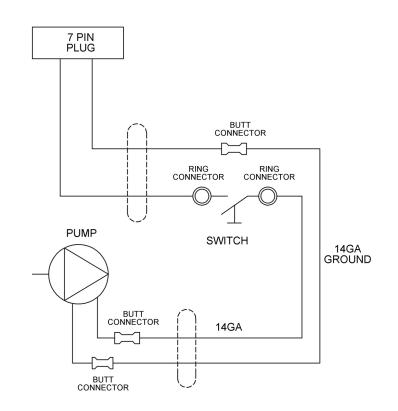
ITEM	PART NO.	QTY.	DESCRIPTION
1	06370137	1	MOUNT,3PNT,FIRE SYS
2	06503108	1	FITTING,1/2"BARB X 1/2"MP
3	35091	6	CLAMP,HOSE,#6
4	06520469	5	HOSE,1/2",BULK (FEET)
5	06503168	2	SWIVEL,1/2"STR,POLY
6	06520359	1	PUMP,LARGE
7	35176	4	U-NUT,1/4"
8	06520367	2	ELBOW,1/2"BARB X 1/2"MP,POLY
9	27329	1	U-BOLT,1/4"
10	06520361	1	FILTER
	06520351	1	ELEMENT, FILTER
11	06520349	1	FITTING,BARB,HOSE
12	06503169	1	REDUCER, BUSHING (100 & 150 GALLON TANKS ONLY)
13	06520346	1	FITTING,BULKHEAD (50 GALLON TANKS ONLY)
14	21632	4	CAPSCREW,3/8" X 1-1/2",NC
15	21988	4	LOCKWASHER,3/8"
16	06520360	1	HOSE REEL
17	22016	4	FLATWASHER,3/8"
18	21627	4	NYLOCK NUT,3/8",NC
19	21529	2	CAPSCREW,1/4" X 3/4",NC
20	06510258	1	CLAMP,3/4"
21	22014	1	FLATWASHER,1/4"
22	21986	1	LOCKWASHER,1/4"
23	21525	2	HEX NUT,1/4",NC
24	06370121	1	HOLSTER
25	06430090	1	SLEEVE
26	06520366	1	GUN,FIRE SYS
27	6T3222	1	DECAL
28	21527	1	NYLOCK NUT,1/4",NC
29	06510257	1	CLAMP,3/8"
30	28055	5	WIRE,BLACK,14GA (FEET)
31	24200	5	WIRE,RED,14GA (FEET)
32	22802	5	WIRE WRAP (FEET)
33	PT3905A	1	SWITCH
34	06510256	4	CABLE,14GA,4WIRE (FEET)
35	06510255	1	PLUG,7PIN,TRCTR

FIRE SUPPRESSION FRONT MOUNT



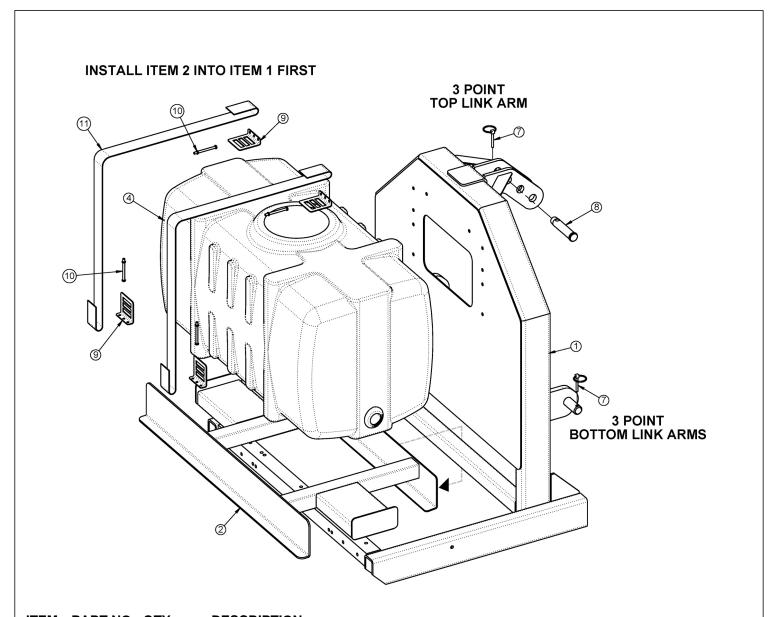
ITEM	PART NO.	QTY.	DESCRIPTION
1	06520342	1	TANK,50 GALLON
2	06370204	1	MNT,TANK,FRNT,50 GALLON
3	35176	4	U-NUT,1/4,3/4 TO CENTER
4	35091	6	CLAMP,HOSE,#6
5	06503168	2	SWIVEL,1/2 STR,POLY
6	06520469	8	HOSE,1/2,SPRAYER
7	06520359	1	PUMP,FIRE KIT
8	06503108	1	FITTING,1/2"BARB X 1/2"MP
9	06520367	2	ELBOW,1/2MPX1/2BARB,POLY
10	27329	1	U-BOLT,1/4X2X1
11	06520361	1	FILTER, FIRE KIT, RAILKUT
	06520351	1	STRAINER,40 MESH
12	06520349	1	FITTING,BARB,HOSE,WETCUT
13	06520346	1	FITTING,BULKHEAD
14	21627	8	NYLOCK NUT,3/8 NC
15	22016	16	FLATWASHER,3/8,GR8
16	06510255	1	PLUG,7PIN,TRCTR
17	06510256	22	WIRE,14GA,4WIRE (FEET)
18	21631	8	CAPSCREW,3/8X1 1/4, NC,GR8
19	06370207	1	MNT, FIRE SUPPRESSION
20	21527	3	NYLOCK NUT,1/4 NC
21	06510257	2	CLAMP,3/8X1/4,INS
22	21529	2	CAPSCREW,1/4 X 3/4 NC
23	6T3222	1	DECAL,CONTROL,ON-OFF SWITCH
24	PT3905A	1	SWITCH, MOWER
25	06520360	1	HOSE REEL,FIRE KIT,RAILKUT
26	06520366	1	GUN,FIRE KIT,RAILKUT
27	06430090	1	SLEEVE,GUN,FIRE SYS
28	06370121	1	HOLSTER, FIRESYS, RAILKUT

FIRE SUPPRESSION SYSTEM ELECTRICAL SCHEMATIC



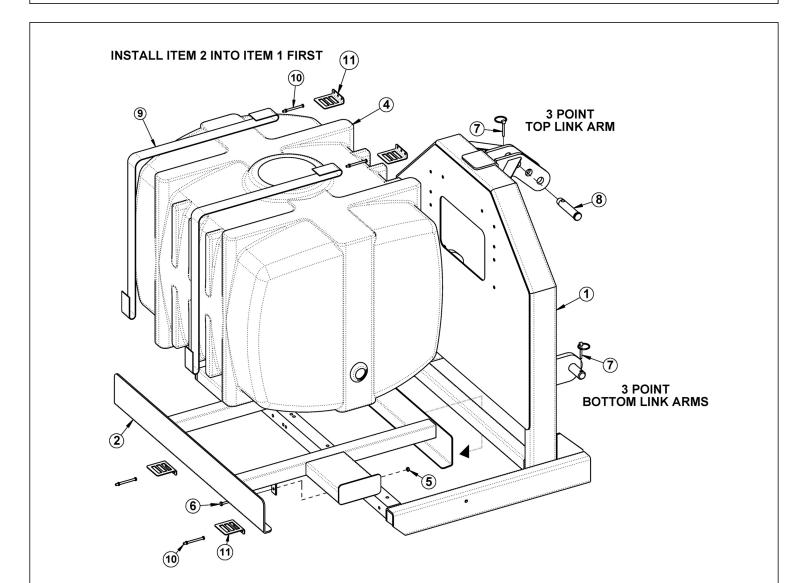
WETCUT SECTION

WETCUT 50 GALLON TANK - 3PNT MOUNT



ITEM	PART NO.	QTY.	DESCRIPTION
1	06370128	1	MNT,3PNT,UNI
2	06370136	1	MNT,TANK,50GAL,WETCUT
4	06520342	1	TANK,50GA.,WETCUT
7	RD1032	3	PIN,LYNCH 1/4" X 2"
8	TB1036	1	PIN,SEC BOOM SWIV 1X4-11/16"
9	06520343	4	ANCHOR, STRAP, WETCUT
10	06520344	4	BOLT,STRAP,TANK,WETCUT
11	06520345	2	STRAP, TANK, WETCUT

WETCUT 100 OR 150 GALLON TANK - 3PNT MOUNT



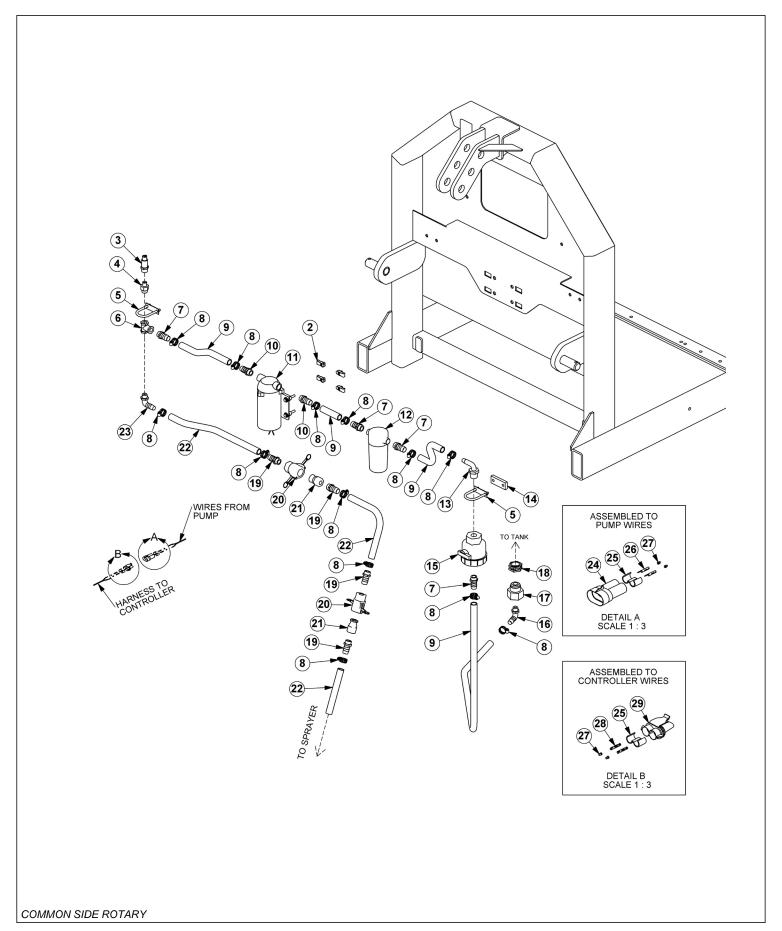
ITEM	PART NO.	QTY.	DESCRIPTION
1	06370128	1	MNT,3PNT,UNI
2	06370138	1	MNT,TANK,100GAL,WETCUT
	06370139	-	MNT,TANK,150GAL,WETCUT
4	06520372	1	TANK,100GA.,WETCUT
	06520373	-	TANK,150GA.,WETCUT
5	21527	2	HEX NUT,NYLOCK,1/4" NC
6	21530	2	CAPSCREW,1/4" X 1" NC
7	RD1032	3	PIN,LYNCH 1/4" X 2"
8	TB1036	1	PIN,SEC BOOM SWIV 1X4-11/16"
9	06520345	2	STRAP, TANK, WETCUT
10	06520344	4	BOLT,STRAP,TANK,WETCUT
11	06520343	4	ANCHOR,STRAP,WETCUT

NOTE ORIENTATION ON ITEM (9) 1. ITEMS (17) (18) (19) (20) CUT FROM SUPPLIED 1/2" HOSE ITEMS (21) (22) (23) CUT FROM SUPPLIED 3/8" HOSE 2. 3. (10)18 10 0, 16 (7` ۰۵ (11)(16)(15) 19 ſ (14)6 31 7 r (15) ΓΟ ΤΑΝΚ (4) (16) (35 (16) 2 16 7 (33 34) (35) Ê (16)5 (20) (17) (7 ASSEMBLED TO PUMP WIRES MOUNTED SPRAYER ON HEAD (16) (14) ASSEMBLED TO CONTRLLER WIRES (30) (27 (29) (21 (25) (23) DETAIL A SCALE 1 : 4 (16 12 16 13 26 (16) 29 (28) (24) 22 DETAIL B SCALE 1 : 4

WETCUT 3PNT PLUMBING - 50IN MOWERS

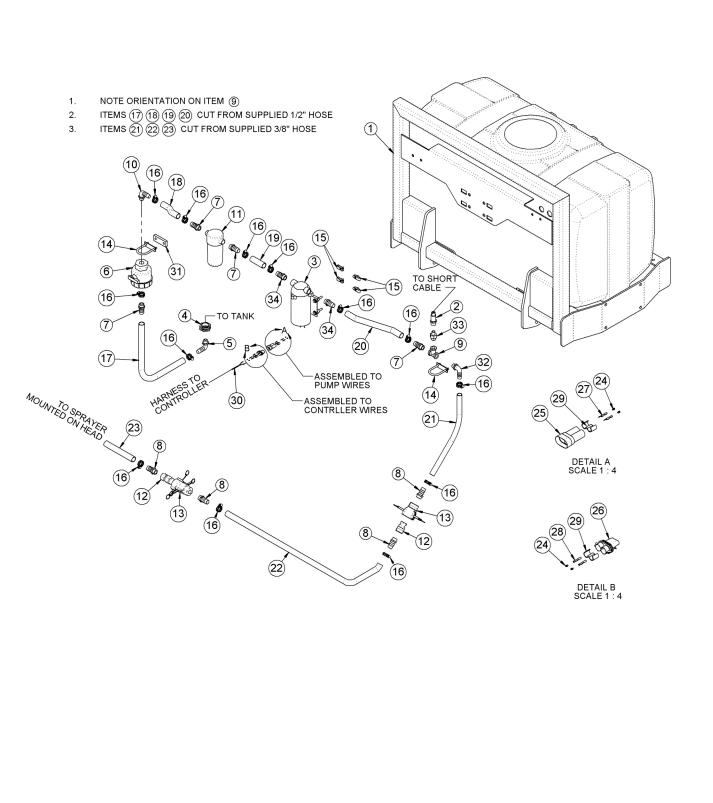
ITEM	PART NO.	QTY.	DESCRIPTION
1	06370128	1	MNT,3PNT,UNI
2	06520336	1	CNTRLR,SENSOR,06520333
3	06520341	1	PUMP,WETCUT
4	06520346	1	FITTING,BULKHEAD,WETCUT (50 GALLON TANKS ONLY)
5	06520347	1	FITTING, ELBOW, WETCUT
6	06520348	1	VLV,BALL,WETCUT
7	06520349	4	FITTING,BARB,HOSE,WETCUT
8	06503173	4	FITTING,1/2MP X 3/8"BARB
9	06520353	1	FITTING, TEE, WETCUT
10	06520367	1	ELBOW,1/2" X 1/2"BARB,POLY
11	06520361	1	FILTER,FIRE KIT,RAILKUT
12	06520400	2	QUIK CPLR,MALE,1/2",WETCUT
13	06520401	2	QUIK CPLR,FEM,1/2",WETCUT
14	27329	2	U-BOLT,1/4" X 1" X 2"
15	35176	4	U-NUT,1/4",3/4" TO CENTER
16	35091	13	CLAMP, HOSE #6
17 - 20	06520469	5	1/2" HOSE (FEET)
21 - 23	06520316	-	3/8" HOSE (INCLUDED WITH SPRAYER)
24	06510051	4	SEAL,16-18GA,METPAK
25	06510052	1	CONN.,BODY,MALE,METRIPACK 150
26	06510053	1	CONN.,BODY,FEM,METRIPACK 150
27	06510054	2	TERMINAL,MALE,16/18GA.METPAK
28	06510055	2	TERMINAL, FEM, 16/18GA. METPAK
29	06510056	2	TPA
30	06520337	1	INCLUDED WITH CONTROLLER
31	06401133	1	SPACER,Ø.31" X 1.75" X .38"
32	06503165	1	ELBOW,1/2"MP X 3/8"BARB
33	06520354	1	BUSHING,REDUCER,WETCUT
34	06503169	1	BUSHING,1"MP X 1/2"FP (100 & 150 GALLON TANKS ONLY)
35	06503176	2	FITTING,BARB,3/8"MP X 1/2"BARB

WETCUT 3PNT PLUMBING - LARGE MOWERS



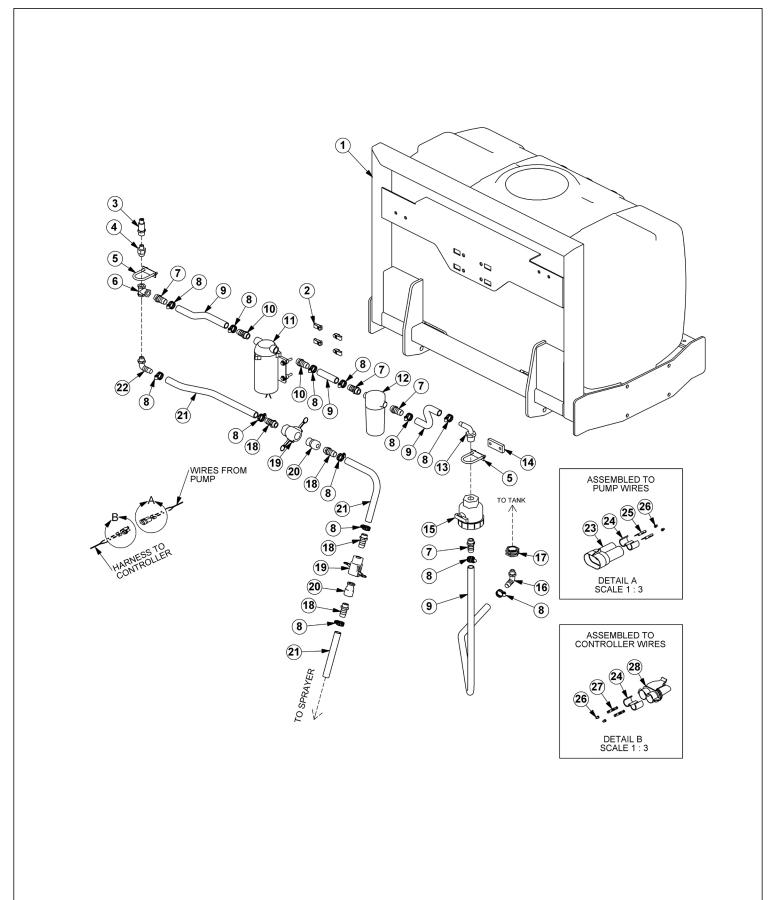
ITEM	PART NO.	QTY.	DESCRIPTION
1	06370128	1	MNT,3PNT,UNI
2	35176	4	U-NUT,1/4,3/4 TO CENTER
3	06520336	1	CNTRLR,SENSOR,06520333
4	06520354	1	BUSHING,REDUCER,WETCUT
5	27329	2	U-BOLT,1/4" X 1" X 2"
6	06520353	1	FITTING,TEE,WETCUT
7	06520349	4	FITTING,BARB,HOSE,WETCUT
8	35091	13	CLAMP, HOSE #6
9	06520469	5	1/2" HOSE (FEET)
10	06503168	2	SWIVEL,1/2" STR
11	06520359	1	PUMP,LARGE
12	06520361	1	FILTER,FIRE KIT,RAILKUT
	06520351	1	STRAINER,40MESH
13	06520367	1	ELBOW,1/2X1/2BARB,POLY
14	06401133	1	SPACER,Ø.31X1.75X.38
15	06520348	1	VLV,BALL,WETCUT
16	06520347	1	FITTING, ELBOW, WETCUT
17	06503169	1	BUSHING,1MPX1/2FP (100 & 150 GALLON TANKS ONLY)
18	06520346	1	FITTING, BULKHEAD, WETCUT (50 GALLON TANKS ONLY)
19	06503173	4	FITTING,BARB,1/2X3/8,WETCUT
20	06520401	2	QUIK CPLR,FEM,1/2,WETCUT
21	06520400	2	QUIK CPLR, MALE, 1/2, WETCUT
22	06520316	-	3/8" HOSE (INCLUDED WITH SPRAYER)
23	06503165	1	ELBOW,1/2X3/8BARB,POLY
24	06510052	1	CONN.,BODY,MALE,METRIPACK 150
25	06510056	2	TPA
26	06510054	2	TERMINAL, MALE, 16/18GA. METPAK
27	06510051	4	SEAL,16-18GA,METPAK
28	06510055	2	TERMINAL, FEM, 16/18GA. METPAK
29	06510053	1	CONN.,BODY,FEM,METRIPACK 150

WETCUT FRONT PLUMBING - 50IN MOWERS



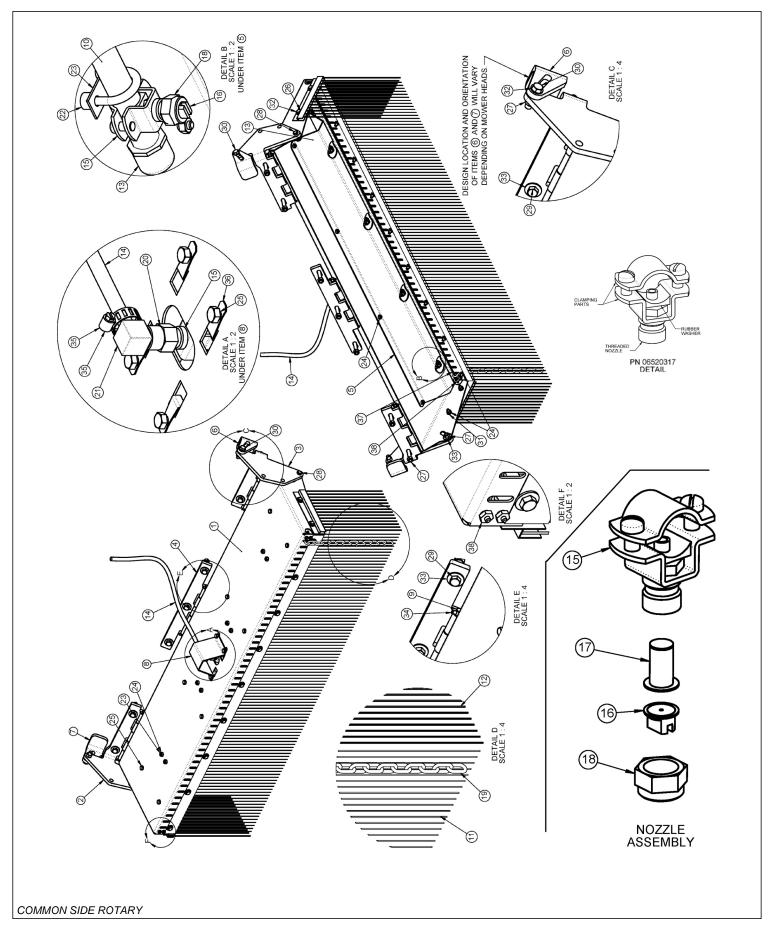
ITEM	PART NO.	QTY.	DESCRIPTION
1	06370204	1	MNT,FRONT,UNI
2	06520336	1	CNTRLR,SENSOR,06520333
3	06520341	1	PUMP,WETCUT
4	06520346	1	FITTING,BULKHEAD,WETCUT
5	06520347	1	FITTING, ELBOW, WETCUT
6	06520348	1	VLV,BALL,WETCUT
7	06520349	4	FITTING,BARB,HOSE,WETCUT
8	06503173	4	FITTING,1/2"MP X 3/8"BARB
9	06520353	1	FITTING, TEE, WETCUT
10	06520367	1	ELBOW,1/2"MP X 1/2"BARB,POLY
11	06520361	1	FILTER, FIRE KIT, RAILKUT
	06520351	1	STRAINER,40MESH
12	06520400	2	QUIK CPLR,MALE,1/2",WETCUT
13	06520401	2	QUIK CPLR,FEM,1/2",WETCUT
14	27329	2	U-BOLT,1/4" X 1" X 2"
15	35176	4	U-NUT,1/4",3/4" TO CENTER
16	35091	13	CLAMP,HOSE #6
17 - 20	06520469	5	1/2" HOSE (FEET)
21 - 23	06520316	-	3/8" HOSE (INCLUDED WITH SPRAYER)
24	06510051	4	SEAL,16-18GA,METPAK
25	06510052	1	CONN.,BODY,MALE,METRIPACK 150
26	06510053	1	CONN.,BODY,FEM,METRIPACK 150
27	06510054	2	TERMINAL, MALE, 16/18GA. METPAK
28	06510055	2	TERMINAL, FEM, 16/18GA. METPAK
29	06510056	2	TPA
30	06520337	1	INCLUDED WITH CONTROLLER
31	06401133	1	SPACER,Ø.31" X 1.75" X .38"
32	06503165	1	ELBOW,1/2"MP X 3/8"BARB,POLY
33	06520354	1	BUSHING, REDUCER, WETCUT
34	06503176	2	FITTING,3/8"MP X 1/2"BARB

WETCUT FRONT PLUMBING - LARGE MOWERS



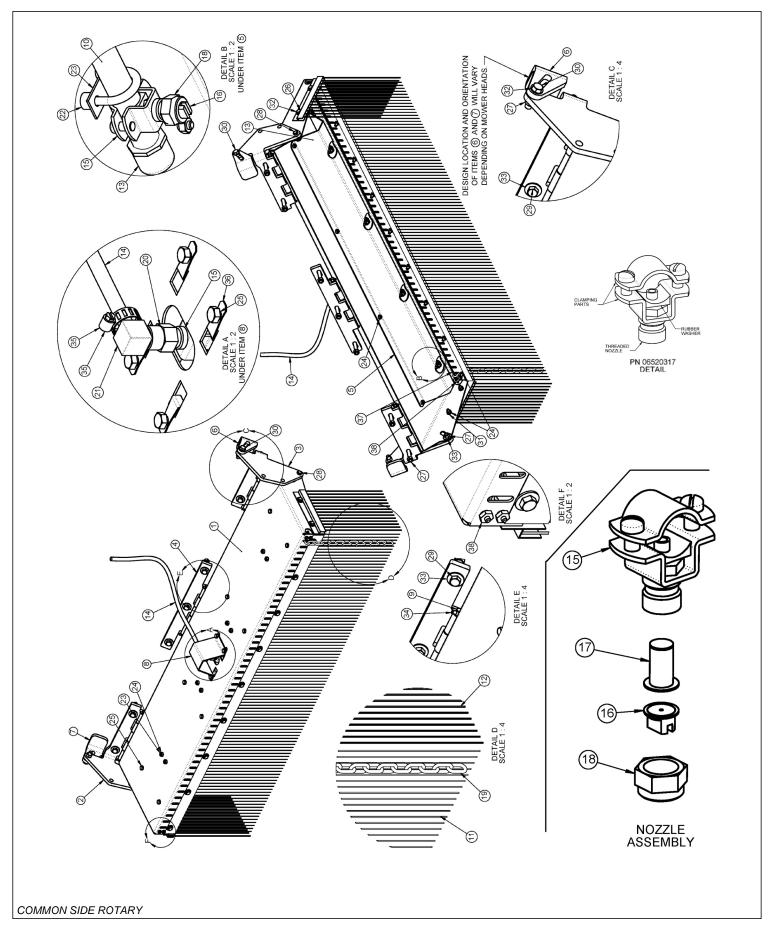
ITEM	PART NO.	QTY.	DESCRIPTION
1	06370204	1	MNT,FRONT,UNIV
2	35176	4	U-NUT,1/4,3/4 TO CENTER
3	06520336	1	CNTRLR,SENSOR,06520333
4	06520354	1	BUSHING,REDUCER,WETCUT
5	27329	2	U-BOLT,1/4" X 1" X 2"
6	06520353	1	FITTING, TEE, WETCUT
7	06520349	4	FITTING,BARB,HOSE,WETCUT
8	35091	13	CLAMP, HOSE #6
9	06520469	5	1/2" HOSE (FEET)
10	06503168	2	SWIVEL,1/2" STR
11	06520359	1	PUMP,LARGE
12	06520361	1	FILTER, FIRE KIT, RAILKUT
	06520351	1	STRAINER,40MESH
13	06520367	1	ELBOW,1/2X1/2BARB,POLY
14	06401133	1	SPACER,Ø.31X1.75X.38
15	06520348	1	VLV,BALL,WETCUT
16	06520347	1	FITTING, ELBOW, WETCUT
17	06520346	1	FITTING,BULKHEAD,WETCUT
18	06503173	4	FITTING,BARB,1/2X3/8,WETCUT
19	06520401	2	QUIK CPLR,FEM,1/2,WETCUT
20	06520400	2	QUIK CPLR,MALE,1/2,WETCUT
21	06520316	-	3/8" HOSE (INCLUDED WITH SPRAYER)
22	06503165	1	ELBOW,1/2X3/8BARB,POLY
23	06510052	1	CONN.,BODY,MALE,METRIPACK 150
24	06510056	2	TPA
25	06510054	2	TERMINAL, MALE, 16/18GA. METPAK
26	06510051	4	SEAL,16-18GA,METPAK
27	06510055	2	TERMINAL,FEM,16/18GA.METPAK
28	06510053	1	CONN.,BODY,FEM,METRIPACK 150

WETCUT 50IN SPRAYER HEAD ASSEMBLY



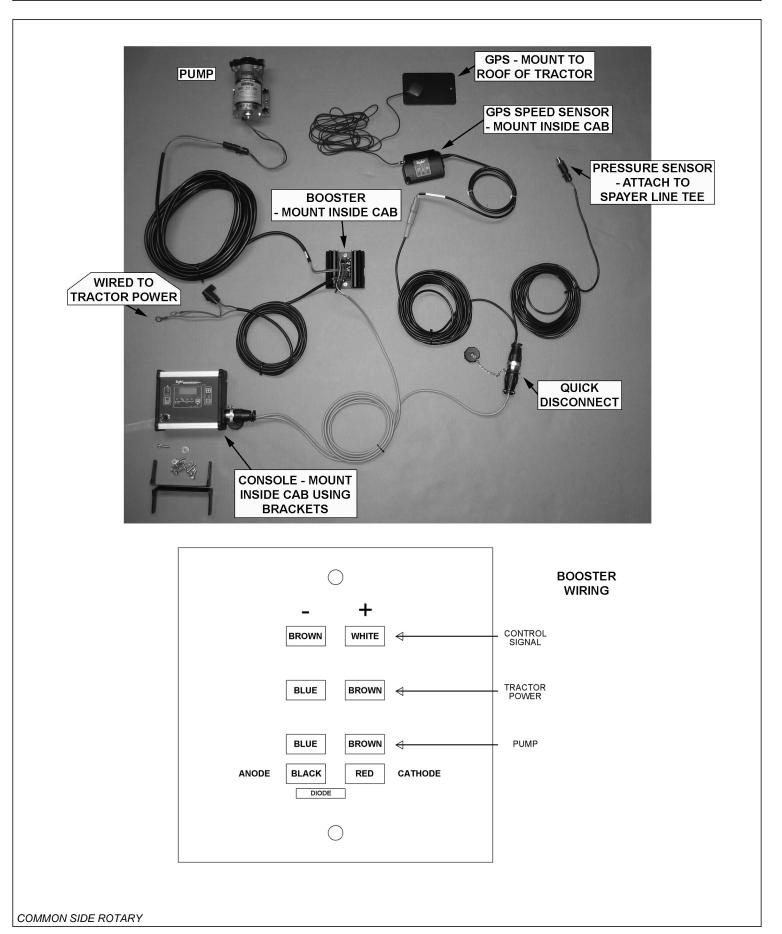
ITEM	PART NO.	QTY.	DESCRIPTION
1	06370105	1	HOOD,SPRAYER
2	06370106	1	HINGE,LH,SPRAYER
3	06370107	1	HINGE,RH,SPRAYER
4	06370108	1	HINGE,CNTR,SPRAYER
5	06410668	1	GUARD,SPRAYER,WETCUT
6	06410753	1	MNT,RH,WET CUT (FLAIL)
	06410942	1	MNT,RH,WET CUT (ROTARY)
7	06410754	1	MNT,LH,WET CUT (FLAIL)
	06410943	1	MNT,LH,WET CUT (ROTARY)
8	06410796	1	GUARD,HOSE,WETCUT
9	06420069	3	PIN,HINGE,WET CUT
10	06497003	1	TUBE,LG,SPRAYER
11	06499012	1	SKIRT,ANTI SPRAY,50
12	06499013	2	SKIRT,ANTI SPRAY,7
13	06520314	2	TUBE,CAP,SPRAYER
14	06520316	15	HOSE, SPRAYER (FEET)
15	06520317	5	NOZZLE,SPRAYER
16	06520319	4	TIP,NOZZLE,SPRAYER
17	06520320	4	FILTER,NOZZLE,SPRAYER
18	06520321	4	NUT,NOZZLE,SPRAYER
19	06520322	49	CHAIN,.18" X 1.31" X 13LINKS
20	06520381	1	ADAPTER,1/4"NPT,WETCUT
21	06520382	1	ELBOW,BARB,3/8" X 1/4"NPT
22	06520383	8	SPACER,.50"O.D. X .252"I.D. X .38",NYLON
23	32550	4	U-BOLT,1/4" X 1" X 1" X 1-3/4"
24	21527	29	HEX NUT,NYLOCK,1/4",NC
25	21528	12	CAPSCREW,1/4" X 1/2",NC
26	21529	13	CAPSCREW,1/4" X 3/4",NC
27	21625	11	HEX NUT,3/8",NC
28	21630	2	CAPSCREW,3/8" X 1",NC
29	21634	7	CAPSCREW,3/8" X 2",NC
30	21632	2	CAPSCREW,3/8" X 1-1/2",NC
31	21986	4	LOCKWASHER,1/4"
32	22014	15	FLATWASHER,1/4"
33	22016	9	FLATWASHER,3/8",GR8
34	34698	6	ROLL PIN, PLAIN, 3/16" X 7/8"
35	35091	1	CLAMP,HOSE #6
36	35176	4	U-NUT,1/4",3/4" TO CENTER
37	06520376	5	CABLE,3/16"
38	06537022	2	U-BOLT,CABLE,3/16"

WETCUT 60IN SPRAYER HEAD ASSEMBLY



ITEM	PART NO.	QTY.	DESCRIPTION
1	06370210	1	HOOD,SPRAYER
2	06370106	1	HINGE,LH,SPRAYER
3	06370107	1	HINGE,RH,SPRAYER
4	06370108	1	HINGE,CNTR,SPRAYER
5	06411234	1	GUARD,SPRAYER,WETCUT
6	06410753	1	MNT,RH,WET CUT (FLAIL)
	06410942	1	MNT,RH,WET CUT (ROTARY)
7	06410754	1	MNT,LH,WET CUT (FLAIL)
	06410943	1	MNT,LH,WET CUT (ROTARY)
8	06410796	1	GUARD,HOSE,WETCUT
9	06420069	3	PIN,HINGE,WET CUT
10	06497009	1	TUBE,LG,SPRAYER
11	06499018	1	SKIRT,ANTI SPRAY,60
12	06499013	2	SKIRT,ANTI SPRAY,7
13	06520314	2	TUBE,CAP,SPRAYER
14	06520316	15	HOSE, SPRAYER (FEET)
15	06520317	6	NOZZLE,SPRAYER
16	06520319	5	TIP,NOZZLE,SPRAYER
17	06520320	5	FILTER,NOZZLE,SPRAYER
18	06520321	5	NUT,NOZZLE,SPRAYER
19	06520322	61	CHAIN,.18" X 1.31" X 13LINKS
20	06520381	1	ADAPTER,1/4"NPT,WETCUT
21	06520382	1	ELBOW,BARB,3/8" X 1/4"NPT
22	06520383	10	SPACER,.50"O.D. X .252"I.D. X .38",NYLON
23	32550	5	U-BOLT,1/4" X 1" X 1" X 1-3/4"
24	21527	33	HEX NUT,NYLOCK,1/4",NC
25	21528	15	CAPSCREW,1/4" X 1/2",NC
26	21529	13	CAPSCREW,1/4" X 3/4",NC
27	21625	13	HEX NUT,3/8",NC
28	21630	2	CAPSCREW,3/8" X 1",NC
29	21634	7	CAPSCREW,3/8" X 2",NC
30	21632	4	CAPSCREW,3/8" X 1-1/2",NC
31	21986	4	LOCKWASHER,1/4"
32	22014	33	FLATWASHER,1/4"
33	22016	11	FLATWASHER,3/8",GR8
34	34698	6	ROLL PIN, PLAIN, 3/16" X 7/8"
35	35091	1	CLAMP,HOSE #6
36	35176	4	U-NUT,1/4",3/4" TO CENTER
37	06520376	6	CABLE,3/16" (FEET)
38	06537022	2	U-BOLT,CABLE,3/16"

WETCUT CABLES



WARRANTY SECTION

Warranty Section 7-1

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WARRANTY INFORMATION

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

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

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

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

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

THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THOSE EXPRESSED HEREIN.

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

ONE LAST WORD

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



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

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

TO THE OWNER / OPERATOR / DEALER



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

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

OWNER REQUIREMENTS:

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

OPERATOR REQUIREMENTS:

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



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