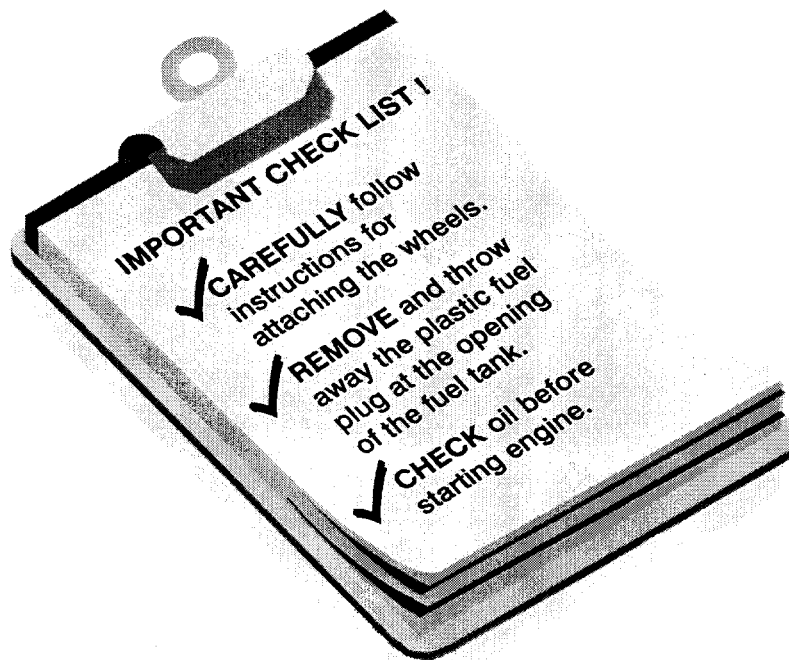




Owner's Manual

◆ SET-UP ◆ OPERATION ◆ MAINTENANCE



IMPORTANT: Read Safety Rules and Instructions Carefully


CALLING CUSTOMER SUPPORT

- **LOCATE YOUR MODEL NUMBER AND SERIAL NUMBER** which appears on your unit and record the information in the space provided below.

IMPORTANT: *You must have these numbers, along with the date and proof of purchase to receive warranty or service.*

- If you are having difficulty assembling this product or if you have any questions regarding the controls, operation or maintenance of this unit, please call the Customer Support Department.
- Customer Support can be reached by dialing: **1-800-668-1238**
- Please have your model number and serial number ready when you call.

NOTE: *Although both numbers are important, you will be asked to enter only your serial number before your call can be processed.*

Model Number Numéro de modèle XXXXXXXXX	Serial Number Numéro de série XXXXXXXXX
 <div style="display: inline-block; vertical-align: middle; margin-left: 10px;"> MTD PRODUCTS LIMITED KITCHENER, ON N2G 4J1 1-800-668-1238 www.mtdcanada.com </div>	

This is where your model number will be, record it here:

This is where your serial number will be, record Serial Number here:

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
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For more details about your unit, visit our website at www.mtdcanada.com

This unit has been inspected against the manufacturers quality check list. In case of a discrepancy, please call us. We will make every effort to ship the part(s) by courier within one working day of your call.

IMPORTANT SAFE OPERATION PRACTICES



WARNING: This symbol points out important safety instructions which, if not followed, could endanger the personal safety and/or property of yourself and others. Read and follow all instructions in this manual before attempting to operate this machine. Failure to comply with these instructions may result in personal injury. When you see this symbol— heed its warning.



DANGER: This machine was built to be operated according to the rules for safe operation in this manual. As with any type of power equipment, carelessness or error on the part of the operator can result in serious injury. This machine is capable of amputating hands and feet and throwing objects. Failure to observe the following safety instructions could result in serious injury or death.

GENERAL OPERATION

- Read, understand, and follow all instructions on the machine and in the manual(s) before attempting to assemble and operate. Keep this manual in a safe place for future and regular reference and for ordering replacement parts.
- Be familiar with all controls and their proper operation. Know how to stop the machine and disengage them quickly.
- Never allow children under 14 years old to operate this machine. Children 14 years old and over should read and understand the operation instructions and safety rules in this manual and should be trained and supervised by a parent.
- Never allow adults to operate this machine without proper instruction.
- To help avoid blade contact or a thrown object injury, keep bystanders, helpers, children and pets at least 75 feet from the machine while it is in operation. Stop machine if anyone enters the area.
- Thoroughly inspect the area where the equipment is to be used. Remove all stones, sticks, wire, bones, toys, and other foreign objects which could be picked up and thrown by the blade(s). Thrown objects can cause serious personal injury.
- Plan your mowing pattern to avoid discharge of material toward roads, sidewalks, bystanders and the like. Also, avoid discharging material against a wall or obstruction which may cause discharged material to ricochet back toward the operator.
- Always wear safety glasses or safety goggles during operation and while performing an adjustment or repair to protect your eyes. Thrown objects which ricochet can cause serious injury to the eyes.
- Wear sturdy, rough-soled work shoes and close-fitting slacks and shirts. Loose fitting clothes and jewelry can be caught in movable parts. Never operate this machine in bare feet or sandals.
- Be aware of the mower and attachment discharge direction and do not point it at anyone. Do not operate the mower without the discharge cover or entire grass catcher in its proper place.
- Do not put hands or feet near rotating parts or under the cutting deck. Contact with the blade(s) can amputate hands and feet.
- A missing or damaged discharge cover can cause blade contact or thrown object injuries.
- Stop the blade(s) when crossing gravel drives, walks, or roads and while not cutting grass.
- Watch for traffic when operating near or crossing roadways. This machine is not intended for use on any public roadway.
- Do not operate the machine while under the influence of alcohol or drugs.
- Mow only in daylight or good artificial light.
- Never carry passengers.
- Disengage blade(s) before shifting into reverse. Back up slowly. Always look down and behind before and while backing to avoid a back-over accident.
- Slow down before turning. Operate the machine smoothly. Avoid erratic operation and excessive speed.

- Disengage blade(s), set parking brake, stop engine and wait until the blade(s) come to a complete stop before removing grass catcher, emptying grass, unclogging chute, removing any grass or debris, or making any adjustments.
- Never leave a running machine unattended. Always turn off blade(s), place transmission in neutral, set parking brake, stop engine and remove key before dismounting.
- Use extra care when loading or unloading the machine into a trailer or truck. This unit should not be driven up or down ramp(s), because the unit could tip over, causing serious personal injury. The unit must be pushed manually on ramp(s) to load or unload properly.
- Muffler and engine become hot and can cause a burn. Do not touch.
- Check overhead clearances carefully before driving under low hanging tree branches, wires, door openings etc., where the operator may be struck or pulled from the unit, which could result in serious injury.
- Disengage all attachment clutches, depress the brake pedal completely and shift into neutral before attempting to start engine.
- Your machine is designed to cut normal residential grass of a height no more than 10". Do not attempt to mow through unusually tall, dry grass (e.g., pasture) or piles of dry leaves. Dry grass or leaves may contact the engine exhaust and/or build up on the mower deck presenting a potential fire hazard.
- Use only accessories and attachments approved for this machine by the machine manufacturer. Read, understand and follow all instructions provided with the approved accessory or attachment.
- Data indicates that operators, age 60 years and above, are involved in a large percentage of riding mower-related injuries. These operators should evaluate their ability to operate the riding mower safely enough to protect themselves and others from serious injury.
- If situations occur which are not covered in this manual, use care and good judgment. Contact customer assistance.

SLOPE OPERATION

- Slopes are a major factor related to loss of control and tip-over accidents which can result in severe injury or death. All slopes require extra caution. If you cannot back up the slope or if you feel uneasy on it, do not mow it.
- For your safety, use the slope gauge included as part of this manual to measure slopes before operating this unit on a sloped or hilly area. If the slope is greater than 15 degrees as shown on the slope gauge, do not operate this unit on that area or serious injury could result.

DO:

- Mow up and down slopes, not across. Exercise extreme caution when changing direction on slopes.
- Watch for holes, ruts, bumps, rocks, or other hidden objects. Uneven terrain could overturn the machine. Tall grass can hide obstacles.
- Use slow speed. Choose a low enough speed setting so that you will not have to stop or shift while on the slope. Tires may lose traction on slopes even though the brakes are functioning properly. Always keep machine in gear when going down slopes to take advantage of engine braking action.
- Follow the manufacturer's recommendations for wheel weights or counterweights to improve stability.
- Use extra care with grass catchers or other attachments. These can change the stability of the machine.
- Keep all movement on the slopes slow and gradual. Do not make sudden changes in speed or direction. Rapid engagement or braking could cause the front of the machine to lift and rapidly flip over backwards which could cause serious injury.
- Avoid starting or stopping on a slope. If tires lose traction, disengage the blade(s) and proceed slowly straight down the slope.

DO NOT:

- Do not turn on slopes unless necessary; then, turn slowly and gradually downhill, if possible.
- Do not mow near drop-offs, ditches or embankments. The mower could suddenly turn over if a wheel is over the edge of a cliff, ditch, or if an edge caves in.

- Do not try to stabilize the machine by putting your foot on the ground.
- Do not use a grass catcher on steep slopes.
- Do not mow on wet grass. Reduced traction could cause sliding.
- Do not shift to neutral and coast downhill. Over-speeding may cause the operator to lose control of the machine resulting in serious injury or death.
- Do not tow heavy pull behind attachments (e.g. loaded dump cart, lawn roller, etc.) on slopes greater than 5 degrees. When going down hill, the extra weight tends to push the tractor and may cause you to lose control. (e.g. tractor may speed up, braking and steering ability are reduced, attachment may jack-knife and cause tractor to overturn).

CHILDREN

- Tragic accidents can occur if the operator is not alert to the presence of children. Children are often attracted to the machine and the mowing activity. They do not understand the dangers. Never assume that children will remain where you last saw them.
 - a. Keep children out of the mowing area and in watchful care of a responsible adult other than the operator.
 - b. Be alert and turn machine off if a child enters the area.
 - c. Before and while backing, look behind and down for small children.
 - d. Never carry children, even with the blade(s) shut off. They may fall off and be seriously injured or interfere with safe machine operation.
 - e. Use extreme care when approaching blind corners, doorways, shrubs, trees or other objects that may block your vision of a child who may run into the machine.
 - f. Disengage the cutting blade(s) before shifting in reverse. The "No-Cut-In Reverse" feature is a reminder not to cut in reverse and to help avoid back over accidents. Do not defeat it.
 - g. Keep children away from hot or running engines. They can suffer burns from a hot muffler.
 - h. Remove key when machine is unattended to prevent unauthorized operation.
- Never allow children under 14 years old to operate the machine. Children 14 years old and over should read and understand the operation instructions and safety rules in this manual and should be trained and supervised by a parent.

TOWING

- Tow only with a machine that has a hitch designed for towing. Do not attach towed equipment except at the hitch point.
- Follow the manufacturers recommendation for weight limits for towed equipment and towing on slopes.
- Never allow children or others in or on towed equipment.
- On slopes, the weight of the towed equipment may cause loss of traction and loss of control.
- Travel slowly and allow extra distance to stop.
- Do not shift to neutral and coast downhill.

SERVICE

SAFE HANDLING OF GASOLINE:


- **To avoid personal injury or property damage** use extreme care in handling gasoline. **Gasoline** is extremely flammable and the vapors are explosive. Serious personal injury can occur when gasoline is spilled on yourself or your clothes which can ignite. Wash your skin and change clothes immediately.
 - a. Use only an approved gasoline container.
 - b. Never fill containers inside a vehicle or on a truck or trailer bed with a plastic liner. Always place containers on the ground away from your vehicle before filling.
 - c. When practical, remove gas-powered equipment from the truck or trailer and refuel it on the ground. If this is not possible, then refuel such equipment on a trailer with a portable container, rather than from a gasoline dispenser nozzle.
 - d. Keep the nozzle in contact with the rim of the fuel tank or container opening at all times until fueling is complete. Do not use a nozzle lock-open device.
 - e. Extinguish all cigarettes, cigars, pipes and other sources of ignition.
 - f. Never fuel machine indoors.
 - g. Never remove gas cap or add fuel while the engine is hot or running. Al-

low engine to cool at least two minutes before refueling.


- h. Never over fill fuel tank. Fill tank to no more than ½ inch below bottom of filler neck to allow space for fuel expansion.
- i. Replace gasoline cap and tighten securely.
- j. If gasoline is spilled, wipe it off the engine and equipment. Move unit to another area. Wait 5 minutes before starting the engine.
- k. To reduce fire hazards, keep machine free of grass, leaves, or other debris build-up. Clean up oil or fuel spillage and remove any fuel soaked debris.
- l. Never store the machine or fuel container inside where there is an open flame, spark or pilot light as on a water heater, space heater, furnace, clothes dryer or other gas appliances.
- m. Allow a machine to cool at least 5 minutes before storing.

GENERAL SERVICE:

- Never run an engine indoors or in a poorly ventilated area. Engine exhaust contains carbon monoxide, an odorless, and deadly gas.
- Before cleaning, repairing, or inspecting, make certain the blade(s) and all moving parts have stopped. Disconnect the spark plug wire and ground against the engine to prevent unintended starting.
- Periodically check to make sure the blades come to complete stop within approximately (5) five seconds after operating the blade disengagement control. If the blades do not stop within the this time frame, your unit should be serviced professionally by an authorized Service Dealer.
- Check brake operation frequently as it is subjected to wear during normal operation. Adjust and service as required.
- Check the blade(s) and engine mounting bolts at frequent intervals for proper tightness. Also, visually inspect blade(s) for damage (e.g., excessive wear, bent, cracked).
- Replace the blade(s) with the original equipment manufacturer's (O.E.M.) blade(s) only, listed in this manual. "Use of parts which do not meet the original equipment specifications may lead to improper performance and compromise safety!"
- Mower blades are sharp. Wrap the blade or wear gloves, and use extra caution when servicing them.
- Keep all nuts, bolts, and screws tight to be sure the equipment is in safe working condition.
- Never tamper with the safety interlock system or other safety devices. Check their proper operation regularly.
- After striking a foreign object, stop the engine, disconnect the spark plug wire(s) and ground against the engine. Thoroughly inspect the machine for any damage. Repair the damage before starting and operating.
- Never attempt to make adjustments or repairs to the machine while the engine is running.
- Grass catcher components and the discharge cover are subject to wear and damage which could expose moving parts or allow objects to be thrown. For safety protection, frequently check components and replace immediately with original equipment manufacturer's (O.E.M.) parts only, listed in this manual. "Use of parts which do not meet the original equipment specifications may lead to improper performance and compromise safety!"
- Do not change the engine governor settings or over-speed the engine. The governor controls the maximum safe operating speed of the engine.
- Maintain or replace safety and instruction labels, as necessary.
- Observe proper disposal laws and regulations for gas, oil, etc. to protect the environment.



**OWNER'S
MANUAL**



SAFETY LABEL

WARNING - Your Responsibility:

Restrict the use of this power machine to persons who read, understand and follow the warnings and instructions in this manual and on the machine.

SLOPE GAUGE

(Keep this sheet in a safe place for future reference.)

USE THIS SHEET AS A GUIDE TO DETERMINE SLOPES WHERE YOU MAY NOT OPERATE SAFELY.

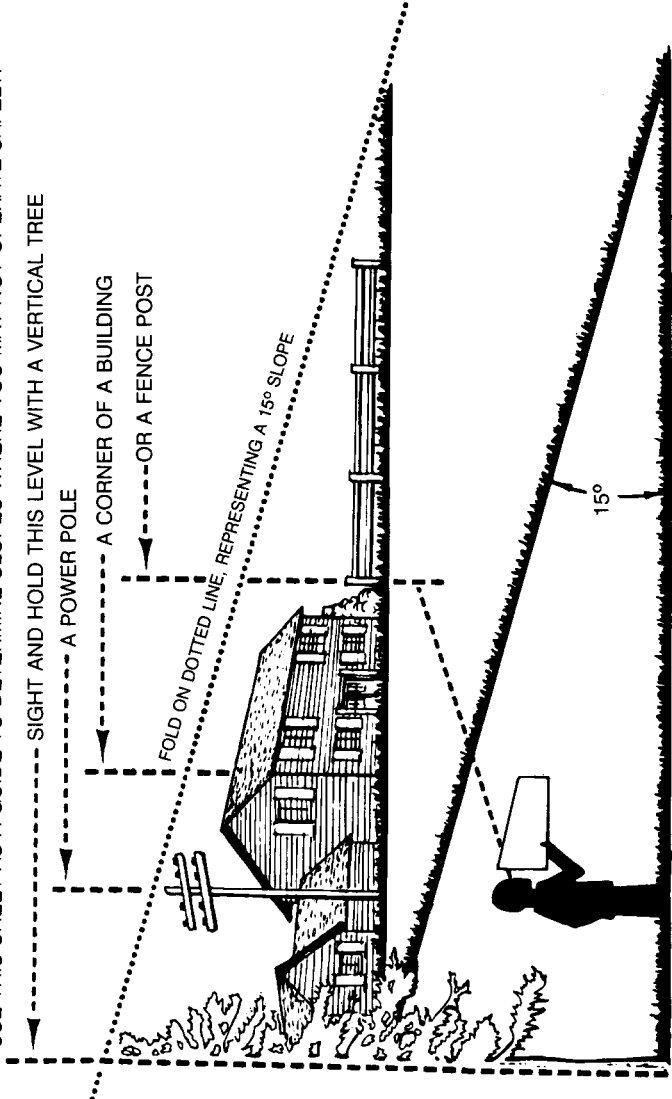
SIGHT AND HOLD THIS LEVEL WITH A VERTICAL TREE

A POWER POLE

A CORNER OF A BUILDING

OR A FENCE POST

FOLD ON DOTTED LINE, REPRESENTING A 15° SLOPE



⚠ DANGER

Do not mow on inclines with a slope in excess of 15 degrees (a rise of approximately 2½ feet every 10 feet). A riding mower could overturn and cause serious injury. If operating a walk-behind mower on such a slope, it is extremely difficult to maintain your footing and you could slip, resulting in serious injury.

Operate RIDING mowers up and down slopes, never across the face of slopes.

Operate WALK-BEHIND mowers across the face of slopes, never up and down slopes.

This owner's manual covers various models of lawn tractors. The units illustrated may vary slightly from your unit. Follow only those instructions which pertain to your model lawn tractor.

IMPORTANT: This unit is shipped WITHOUT GASOLINE. Check oil before starting engine. Do not overfill. After assembly, service engine with gasoline and oil as instructed in the separate engine manual packed with your unit.

NOTE: Reference to right or left hand side of the unit is observed from the driver's seat, facing forward.

Tools Required For Assembly

- (1) 1/2" socket wrench (for steering wheel)
- (1) 9/16" wrench or socket wrench (for seat)
- (2) 7/16 wrenches or socket wrenches (for battery)

TRACTOR SET-UP

ATTACHING THE BATTERY CABLES

NOTE: The positive battery terminal is marked Pos. (+). The negative battery terminal is marked Neg. (-).

- The positive cable (heavy red wire) is secured to the positive battery terminal (+) with a hex bolt and hex nut at the factory. Make certain that the rubber boot covers the terminal to help protect it from corrosion.
- Remove the hex bolt and hex nut from the negative cable.
- Remove the black plastic cover, if present, from the negative battery terminal and attach the negative cable (heavy black wire) to the negative battery terminal (-) with the bolt and hex nut.
- Make certain the hold-down rod is in position over the battery, securing it in place. See figure 1.

NOTE: If battery is put into service after date shown on top of battery, charge the battery with an automotive type 12-volt charger for minimum of one hour at 6 amps. Refer to the MAINTENANCE section of this manual for more detailed instructions regarding proper battery charging procedure.

ATTACHING THE STEERING WHEEL

- The hardware for attaching the steering wheel is located under the steering wheel cap. Carefully pry off the steering wheel cap and remove the hardware.

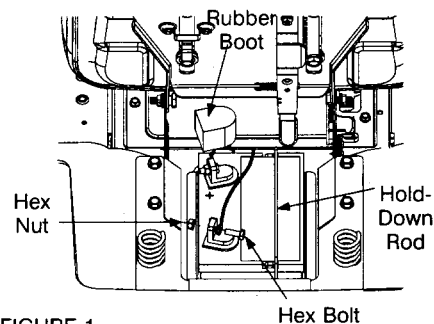


FIGURE 1

NOTE: There are two different styles of steering wheel caps. See figure 2. Styles vary by model.

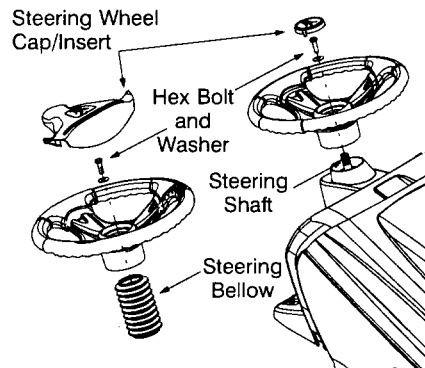
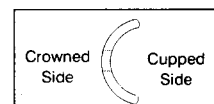


FIGURE 2

- Remove the steering bellow (not required on all models) from the lift lever on the right hand side of lawn tractor. Place steering bellow over the steering shaft extending through the dash.

NOTE: If the openings on each end of the steering bellow are two different sizes, the smaller end goes down against the dash of the lawn tractor.

- Position the front wheels of the tractor so they are pointing straight forward.
- Place the steering wheel over the steering shaft, positioning steering wheel as desired.
- Place the washer with the cupped side down over the steering shaft. Secure with hex bolt. See figure 2.



- Place the **steering wheel cap** over the center of the steering wheel and seat it with your hand. See figure 2.
- If your unit is equipped with a **steering insert** packed in a plastic bag with the literature, snap it over the round steering wheel cap. See figure 2.

ATTACHING THE SEAT

For shipping reasons, seats are either fastened to the tractor seat's pivot bracket with a plastic tie, or mounted backward to the pivot bracket. In either case, free the seat from its shipping position and remove the two hex screws (or knobs, on models so equipped) from the bottom of seat before proceeding with instructions below.

- Position the shoulder screws (found on the base of the seat) inside the slot openings in the seat pivot bracket.
- Slide the seat slightly rearward in the seat pivot bracket, lining up the rear slots in the pivot bracket with the remaining two holes in the seat's base.
- Select desired position for the seat, and secure with the two hex screws/knobs removed earlier. See Figure 3.

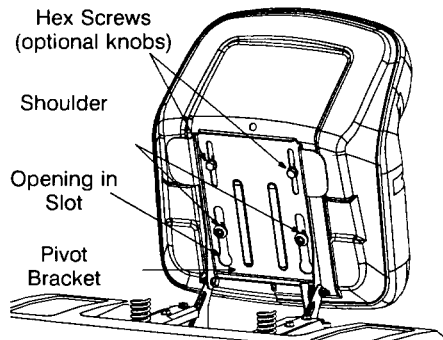


FIGURE 3

Shipping Brace Removal



WARNING: Make sure the tractor's engine is off, remove the key from the ignition switch and apply the tractor's parking brake before removing the shipping brace.



WARNING: The shipping brace, used for packaging purposes only, must be removed and discarded before operating your riding mower.



WARNING: The mowing deck is capable of throwing objects. Failure to operate the tractor without the discharge chute properly in place could result in serious personal injury and/or property damage.

- Locate the shipping brace and accompanying warning tag on the right side of the mower, between the discharge chute and the cutting deck. See Figure 4.
- While holding the discharge chute with your left hand, remove the shipping brace with your right hand by grasping it between your thumb and index finger and rotating it clockwise.
- Carefully allow the discharge chute to pivot downward. See Figure 4.
- Discard the shipping brace and accompanying warning tag.

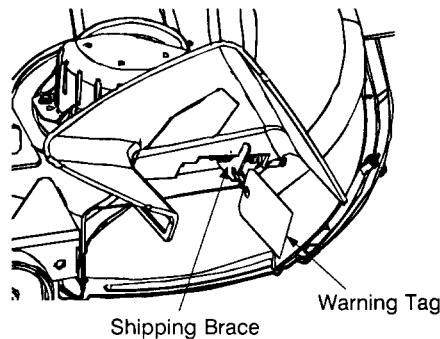


FIGURE 4

INSTALLING THE MULCHING PLUG (optional)

- Locate the square hole found in the cutting deck surface by pivoting the discharge chute upward.

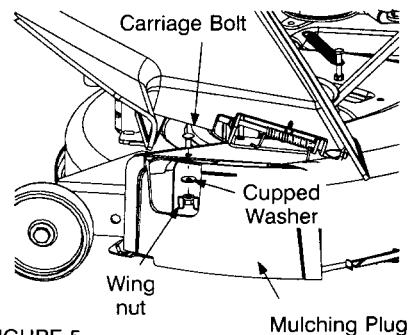
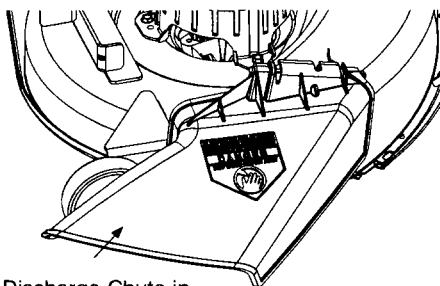


FIGURE 5

- Install the mulch plug and secure it in place with the carriage bolt, cupped washer and plastic wing nut as illustrated in Figure 5.
- Remove the mulching plug for standard side discharge mowing. See Figure 6.



Discharge Chute in Proper Operating Position

FIGURE 6

TIRE PRESSURE

For shipping purposes, the tires on your unit may be over inflated. Tire pressure should be reduced before unit is put into operation. Recommended operating tire pressure should be 12 p.s.i.

Check sidewall of tire for manufacturer's maximum tire pressure. If this information does not appear on your tire, maximum tire pressure under any circumstances is 30 p.s.i. Equal tire pressure should be maintained on all tires.

FINAL ASSEMBLY

Make certain all nuts and bolts are tightened securely.

CONTROLS

IGNITION SWITCH

The ignition switch is located on the right side of the tractor's dash. To start the engine, insert the key into the ignition switch and turn clockwise to the START position. Release the key into the ON position once engine has fired. See Figure 7.

Refer to Starting The Engine in the Operation section of this manual for detailed starting instructions.



Never leave a running machine unattended. Always disengage PTO, shift into neutral, set parking brake, stop engine and remove key to prevent unintended starting.

CHOKE CONTROL

On some models, moving the throttle lever all the way forward activates the engine's choke control. On all other models the choke control can be found on the left side of the dash panel and is activated by pulling the knob outward. Activating the choke control closes the choke plate on the carburetor and aids in starting the engine. Refer to "Starting the Engine".

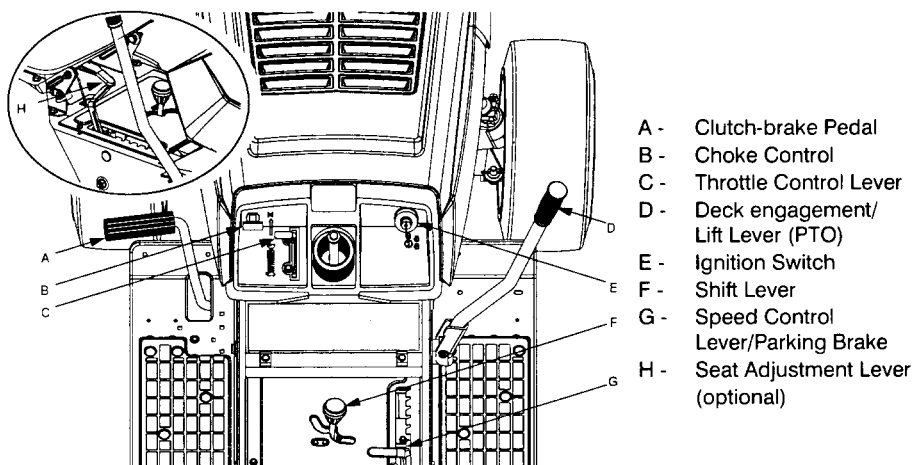
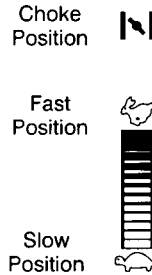


FIGURE 7

THROTTLE CONTROL LEVER

The throttle lever is located on the left side of the dash panel. This lever controls the speed of the engine, and on some models, when pushed all the way forward, the choke control also. When set in a given position, the throttle will maintain a uniform engine speed.

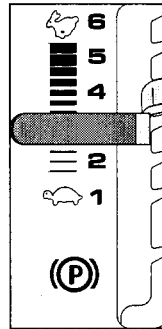


IMPORTANT: When operating the tractor with the cutting deck engaged, be certain that the throttle lever is **always** in the FAST (rabbit) position.

SPEED CONTROL LEVER

The speed control lever, located on the right side of the center console, allows you to regulate the ground speed of the lawn tractor. To use, depress the clutch-brake pedal and move the lever out of the parking brake notch and forward to increase the tractor's ground speed. When a desired speed has been reached, release the lever into an appropriate notch to maintain that speed.

To slow the tractor's ground speed, depress the clutch-brake pedal and move the speed control lever rearward and release it into a notch.



PARKING BRAKE

To set the parking brake, fully depress the clutch-brake pedal. Move the speed control lever all the way to the rear and release it into the parking brake position. Release the clutch-brake pedal to allow the parking brake to engage.

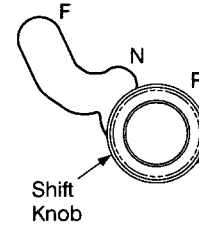
To release the parking brake, depress the clutch-brake pedal and move the speed control lever out of the notches to the desired position. Release the speed control lever and the clutch-brake pedal.

NOTE: The parking brake must be set if the operator leaves the seat with the engine running or the engine will automatically shut off.

IMPORTANT: Always set the parking brake when leaving the tractor unattended.

SHIFT LEVER

The shift lever is located in the center of the console and has three positions, FORWARD, NEUTRAL and REVERSE. The clutch-brake pedal must be depressed and the lawn tractor must not be moving when shifting gears. Do not force the shift lever.



IMPORTANT: Never force the shift lever. Doing so may result in serious damage to the tractor's transmission.

NOTE: If difficulty is encountered while attempting to shift, release the clutch-brake pedal slightly before fully depressing the pedal again.

DECK ENGAGEMENT / LIFT LEVER

Found on the right side of the tractor, the deck engagement/lift lever is used to set the mowing deck's cutting height and engage the power to the cutting deck or other (separately available) attachments. To operate, move the lever to the right and forward, before placing it a notch for your desired cutting height. Moving the lever to the right and all the way rearward placing it into the BLADES STOP position disengages power to the cutting deck/ attachment.

NOTE: The deck engagement/lift lever must be in the disengaged (BLADES STOP) position when starting the engine, when traveling in reverse and if the operator leaves the seat.

SAFETY INTERLOCK SYSTEM

WARNING: Read, understand, and follow all instructions and warnings on the machine and in this manual before operating.

This tractor is equipped with a safety interlock system for the protection of the operator. If the interlock system should ever malfunction, do not operate the tractor. Contact an authorized service dealer. The safety interlock system prevents the engine from cranking or starting unless the parking brake is engaged, and the deck engagement/lift lever is in the disengaged (BLADES STOP) position.

- The engine will automatically shut off if the operator leaves the seat before engaging the parking brake.
- The engine will automatically shut off if the operator leaves the tractor's seat with the deck engagement/ lift lever in ANY position other than BLADES STOP.
- The engine will automatically shut off if the deck engagement/lift lever is moved out of the BLADES STOP position with the shift lever in R (reverse).

OPERATION

BEFORE STARTING ENGINE



WARNING: Read, understand, and follow all instructions and warnings on the machine and in this manual before operating.

- Service the engine with oil and gasoline as described in the engine manual.
- Depress the clutch-brake pedal and set the parking brake.
- Place the deck engagement/lift lever in the DISENGAGED (BLADES STOP) position.

STARTING THE ENGINE



WARNING: Do not operate the lawn tractor if the interlock system is malfunctioning because it is a safety device, designed for protection.

NOTE: To open the hood simply lift up on both sides of the hood.

- Insert the tractor key into the ignition switch.
- Activate the choke control (a warm engine may not require choking).
- Turn the ignition key clockwise to the START position. After the engine starts, release the key. It will return to the ON position.

IMPORTANT: Do NOT hold the key in the START position for longer than ten seconds at a time. Doing so may cause damage to your engine's electric starter.

- After the engine starts, deactivate the choke control and place the throttle control in the FAST position.

IMPORTANT: Do NOT leave the choke control on while operating the tractor. Doing so will result in a "rich" fuel mixture and cause the engine to run poorly.



WARNING

- GO UP AND DOWN SLOPES NOT ACROSS - AVOID SUDDEN TURNS.
- AVOID SERIOUS INJURY OR DEATH.
- DO NOT OPERATE THE UNIT WHERE IT COULD SLIP OR TIP.
- IF MACHINE STOPS GOING UPHILL, STOP BLADE(S) AND BACK DOWNHILL SLOWLY.
- DO NOT MOW WHEN CHILDREN OR OTHERS ARE AROUND.
- NEVER CARRY CHILDREN.
- LOOK DOWN AND BEHIND BEFORE AND WHILE BACKING.
- KEEP SAFETY DEVICES (GUARDS, SHIELDS, AND SWITCHES) IN PLACE AND WORKING.
- REMOVE OBJECTS THAT COULD BE THROWN BY THE BLADE(S).
- KNOW LOCATION AND FUNCTION OF ALL CONTROLS.
- BE SURE BLADE(S) AND ENGINE ARE STOPPED BEFORE PLACING HANDS OR FEET NEAR BLADE(S).
- BEFORE LEAVING OPERATOR'S POSITION, DISENGAGE BLADE(S), PLACE THE SHIFT LEVER IN NEUTRAL, ENGAGE BRAKE LOCK, SHUT ENGINE OFF AND REMOVE KEY.

READ OPERATOR'S MANUALS.

STOPPING THE ENGINE



WARNING: If you strike a foreign object, stop the engine. Remove wire from spark plug, thoroughly inspect the unit for any damage, and repair the damage before restarting and operating the mower.

NOTE: If any problems are encountered, refer to the Trouble Shooting Chart.

- If the blades are engaged, place the deck engagement/lift lever in the BLADES STOP position.
- Depress the clutch-brake pedal to bring the tractor to a complete stop.
- Turn the ignition key counterclockwise to the OFF position.
- Engage the tractor's parking brake.
- Remove the key from the ignition switch to prevent unintended starting.

OPERATING THE LAWN TRACTOR



WARNING: Always look down and behind before and while backing up to avoid a back-over accident.



WARNING: Before leaving the operator's position. Always place the deck engagement/ lift lever in the **BLADES STOP** position, shift into neutral, set parking brake, stop engine and remove key to prevent unintended starting.

- Move throttle control lever to full throttle.

NOTE: Always operate the tractor with the throttle control lever in the **FAST** (rabbit) position for the most efficient use of the cutting deck or other (separately available) attachments.

- Place the shift lever in either the **FORWARD** or **REVERSE** position.
- Release the parking brake by depressing the clutch-brake pedal and positioning the speed control lever in desired position.

IMPORTANT: First-time operators should use speed positions 1 or 2. Become completely familiar with the tractor's operation and controls before operating the tractor in higher speed positions.

- Release clutch-brake pedal slowly to put unit into motion.
- The lawn tractor is brought to a stop by depressing the clutch-brake pedal.

NOTE: When operating the unit initially, there will be little difference between the highest two speeds until after the belts have seated themselves into the pulleys during the break-in period.



WARNING: Before leaving the operator's position for any reason, disengage the blades, place the shift lever in neutral, engage the parking brake, shut engine off and remove the key.

IMPORTANT: When stopping the tractor for any reason while on a grass surface, always:

- Place the shift lever in neutral,
- Engage the parking brake,
- Shut engine off and remove the key.

Doing so will minimize the possibility of having your lawn "browned" by hot exhaust from your tractor's running engine.

If unit stalls with speed control in high speed, or if unit will not operate with speed control le-

ver in a low speed position, proceed as follows.

- Place shift lever in **NEUTRAL**.
- Restart engine.
- Place speed control lever in high speed position.
- Release clutch-brake pedal fully.
- Depress clutch-brake pedal.
- Place speed control lever in desired position.
- Place shift lever in either **FORWARD** or **REVERSE**, and follow normal operating procedures.

Engaging The Cutting Blades



WARNING: Keep feet and hands away from the discharge opening, the blades or any part of the deck. When the unit is used for anything other than mowing operations, the blade drive should be disengaged.

To engage power to the cutting deck or other (separately available) attachment, proceed as follows:

- Move the deck engagement/lift lever to the right and forward,
- Place the lever a notch for your desired cutting height.
- Moving the lever to the right and all the way rearward placing it into the **BLADES STOP** position raises and disengages power to the cutting deck.

NOTE: The deck engagement/lift lever must be in the disengaged (**BLADES STOP**) position when starting the engine, when traveling in reverse and if the operator leaves the seat.

Mowing



WARNING: To help avoid blade contact or a thrown object injury, keep bystanders, helpers, children and pets at least 75 feet from the machine while it is in operation. Stop machine if anyone enters the area.

The following information will be helpful when using the cutting deck with your tractor.



WARNING: Plan your mowing pattern to avoid discharge of materials toward roads, sidewalks, bystanders and the like. Also, avoid discharging material against a wall or obstruction which may cause discharged material to ricochet back toward the operator.

- Be sure that the lawn is clear of stones, sticks, wire, or other objects which could damage lawn mower or engine.
- For best results and to insure more even grass distribution, do not mow when lawn is excessively wet.
- Do not mow at high ground speed, especially if a mulch kit or grass collector is installed.
- For best results it is recommended that the first two laps be cut with the discharge thrown towards the center. After the first two laps, reverse the direction to throw the discharge to the outside for the balance of cutting. This will give a better appearance to the lawn.
- Do not cut the grass too short. Short grass invites weed growth and yellows quickly in dry weather.
- Mowing should always be done with the engine at full throttle.
- Under heavier conditions it may be necessary to go back over the cut area a second time to get a clean cut.
- Do NOT attempt to mow heavy brush and weeds and extremely tall grass. Your tractor is designed to mow lawns, NOT clear brush.
- Keep the blades sharp and replace the blades when worn. Refer to Cutting Blades in the Maintenance section of this manual for proper blade sharpening instructions.

Mulching

Some, **NOT ALL**, models come equipped with a mulch kit which incorporates special blades, already standard on your tractor, in a process of recirculating grass clippings repeatedly beneath the cutting deck. The ultra-fine clippings are then forced back into the lawn where they act as a natural fertilizer. Observe the following points for the best results when mulching.

- Never attempt to mulch if the lawn is damp. Wet grass tends to stick to the underside of the cutting deck preventing proper mulching of the clippings.
- Do NOT attempt to mulch more than 1/3 the total height of the grass or approximately 1-1/2 inches. Doing so will cause the clippings to clump up beneath the deck and not be mulched effectively.
- Maintain a slow ground speed to allow the grass clippings more time to effectively be mulched.

- Always position the throttle control lever in the FAST (rabbit) position and allow it to remain there while mowing. Failing to keep the engine at full throttle places strain on the tractor's engine and does not allow the blades to properly mulch grass.

NOTE: It is not necessary to remove the discharge chute to operate the mower with the mulch kit installed.

38- and 42-inch Decks

To operate the cutting deck without mulching, on models so equipped, simply remove the mulch plug by unthreading the plastic wing nut which fastens it to the cutting deck. This will allow the clippings to discharge out the side. See Figures 5 and 6.

46-inch Decks

On models so equipped, the mulch kit is packed separately within the tractor's crate. Observe the instructions included with the mulch kit for the best results when mulching.

ADJUSTMENT

SEAT ADJUSTMENT

The seat may be adjusted to one of several positions. Refer to seat installation section of tractor set-up instructions.

Deck Leveling Adjustment



WARNING: Protect your hands by wearing heavy gloves to grasp the cutting blade.

NOTE: Check the tractor's tire pressure before performing any deck leveling adjustments. Refer to Tires later in this section for further information regarding tire pressure.

The front of the cutting deck is supported by two lift links that can be adjusted to level the deck from both front to rear & side to side. The front of the deck should be between 1/4-inch and 3/8-inch lower than the rear of the deck. Adjust if necessary as follows:

- With the tractor parked on a firm, level surface, place the deck engagement/lift lever in the top cutting height notch (not BLADES STOP) position.
- Rotate the blade nearest the discharge chute so that it is parallel with the tractor.
- Measure the distance from the front of the blade tip to the ground and the rear of the blade tip to the ground. The first measurement taken should be between 1/4" and 3/8" less than the second measurement.

Determine the approximate distance necessary for proper adjustment and proceed, if necessary, to the next step.

- Place the deck engagement/lift lever in the engaged (all the way forward) position.
- Remove the hairpin clip from the ferrule found at the bottom of the front, left deck link (hairpin clip is on the inside of the lift link). See Figure 8.
- Pull the ferrule out of the deck hanger and thread the ferrule up or down, as necessary.

NOTE: Usually only one or two turns are needed.

- Insert the ferrule back into the deck hanger and refasten with the hairpin clip removed earlier.
- Repeat the previous steps on the front, right lift link
- Check the front-to-rear adjustment by re-measuring. Check the side-to-side adjustment by placing a level on the deck surface.
- Readjust if necessary.

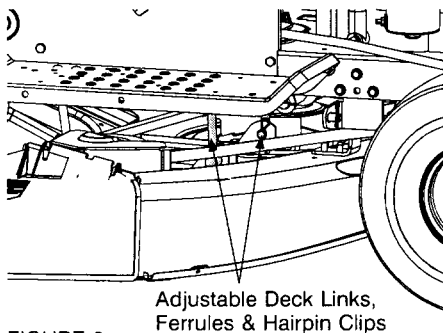


FIGURE 8

Setting the Deck Wheel Height (on models so equipped)

- Select the height position of the cutting deck by placing the Deck Engagement / Lift Lever in any of the five different cutting height notches on the right side of the frame.
- Adjust the deck wheels so that they are between 1/4-inch and 1/2-inch above the ground when the tractor is on a smooth, flat surface such as a driveway.

WARNING: Keep hands and feet away from the discharge opening of the cutting deck.

NOTE: The deck wheels, on models so equipped, are an anti-scalp feature of the deck and are not designed to support the weight of the cutting deck.

Refer to Deck Leveling Adjustment of this manual for more detailed instructions regarding deck adjustments.

Deck Engagement Adjustment

WARNING: Never attempt to make the adjustment while the engine is running. Always shift to neutral, set the parking brake, stop engine and remove key to prevent unintended starting.

The cutting deck engagement may be adjusted to make certain the deck is disengaged when deck engagement/lift lever is in the BLADES STOP position. Correct adjustment as follows.

- With the engine off, place the deck engagement/lift lever in the BLADES OFF position.
- Unthread the shift knob and remove the two flange screws which secure the shift cover panel in place. See Figure 9.
- Remove the shift cover panel and locate the deck disengagement rod. See Figure 9.

NOTE: There is a small yellow wire connected to a spring switch on the underside of the shift cover panel. Be careful not to damage it when removing the panel.

- Remove the hairpin clip which secures the disengagement rod to the stabilizer shaft assembly. See Figure 10.

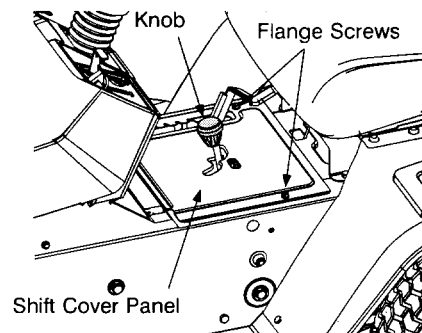


FIGURE 9

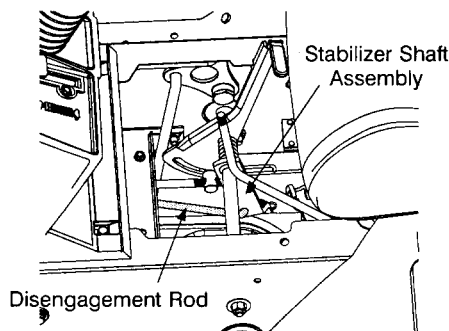


FIGURE 10

- Pull the rod toward the rear of the tractor (to take up slack), then thread the rod inward or outward (usually only one or two turns) until the rod lines up as precisely as possible with the hole in the stabilizer shaft.

NOTE: Threading the disengagement rod outward (toward the rear of the tractor) provides for more belt tension. Threading the disengagement rod inward provides for less belt tension.

- Reinsert the ferrule and re-secure the rod with the cotter pin removed earlier.

Check the adjustment by placing the deck engagement/ lift lever in the BLADES STOP position. The deck should move up and forward, allowing the belt to become loose.

- Reassemble the shift cover panel.
- Start the tractor's engine and test the deck engagement/lift lever to be certain the blades fully disengage when in the BLADES STOP.
- Repeat the adjustment procedure if necessary.

Parking Brake Adjustment

WARNING: Never attempt to adjust the brakes while the engine is running. Always disengage PTO, move shift lever into neutral position, stop engine and remove key to prevent unintended starting.

If the tractor does not come to a complete stop when the clutch-brake pedal is completely depressed, or if the tractor's rear wheels can roll with the parking brake applied, the brake is in need of adjustment. The brake disc can be found on the right side of the transmission in the rear of the tractor. Adjust if necessary as follows:

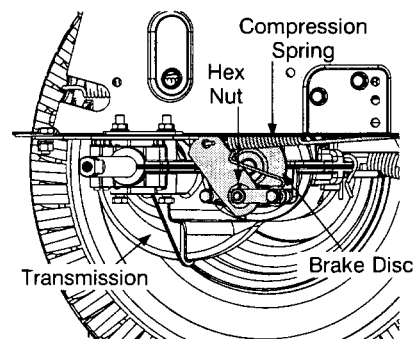


FIGURE 11

Looking at the transmission from the right side of the tractor, locate the compression spring and brake disc. See Figure 11.

- Loosen, but do NOT remove, the hex nut found on the right side of the brake assembly. See Figure 11.
- Using a feeler gauge, set the gap between the brake disc and the brake puck at .011".
- Re-tighten the hex nut loosened earlier.

Speed Control Adjustment

NOTE: When operating the unit initially or after replacing the belts, there will be little difference between the highest two speeds until after the belts have gone through a break-in period and have seated themselves into the pulleys.

If the full range of speeds cannot be obtained on your unit, adjust the speed control as follows.

- Unthread the shift knob and remove the two flange screws which secure the shift cover panel in place. Refer to Figure 9.
- Remove the shift cover panel and locate the speed control rod. See Figure 12.

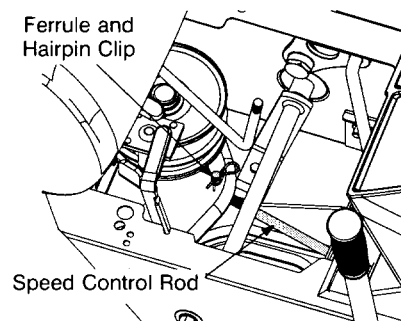


FIGURE 12

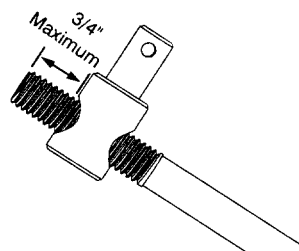


FIGURE 13

NOTE: There is a small yellow wire connected to a spring switch on the underside of the shift cover panel. Be careful not to damage it when removing the panel.

- Remove the hairpin clip which secures the speed control rod's ferrule to the speed bracket. See Figure 12.

At the factory, the speed control rod is adjusted so that 5/8-in. of the rod is exposed beyond the ferrule.

- Adjust the speed control by threading the ferrule inward so that **no more than 3/4-in. of the rod** is exposed beyond the ferrule. See Figure 13.
- Reinsert the ferrule and re-secure the rod with the hairpin clip removed earlier.
- Reassemble the shift cover panel, start the tractor's engine and test the full range of speeds.

IMPORTANT: If the above adjustment did not result in the tractor obtaining the full range of speeds, see an authorized service dealer to have the variable speed drive system inspected and professionally adjusted.

Steering Adjustment (Units With Adjustable Tie Rod)

If the tractor turns tighter in one direction than the other, or if either the tie rod and ferrule are being replaced due to damage or wear, the tie rod may need to be adjusted. To do so, proceed as follows:

NOTE: A replacement cotter pin (part no. 714-0470) is needed to complete this adjustment. Have one on hand before proceeding.

- Place the steering wheel in position for straight ahead travel.
- In front of the pivot bar, measure the distance horizontally from the inside of the left rim to the inside of the right rim. Note the distance.

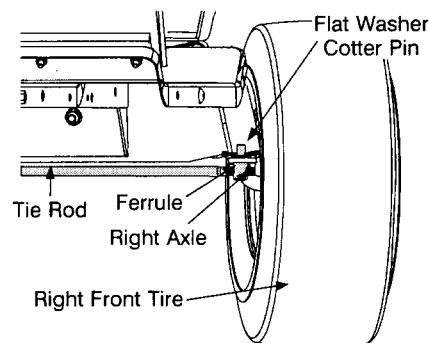


FIGURE 14

- Behind the pivot bar, measure the distance horizontally from the inside of the left rim to the inside of the right rim. Note the distance.
- The measurement taken in front of the pivot bar should be between 1/16" and 5/16" less than the measurement taken behind the pivot bar. If it is not, an adjustment is necessary. Proceed as follows.
- Locate the ferrule at the right end of the tie rod, just to the rear of the right, front tire of tractor. See Figure 14.
- Remove the cotter pin and flat washer which secures the adjustment ferrule to the tractor's right axle.
- Two turns at a time, thread the adjustment ferrule toward the right, front tire to lengthen the tie rod. Or, thread the adjustment ferrule away from the right, front tire to shorten the tie rod.

NOTE: Lengthening the tie rod increases the tractor's front tie toe-in. Shortening the tie rod decreases the tractor's front tire toe-in.

- Reinsert the adjustment ferrule and temporarily secure it with the cotter pin removed earlier.
- Make certain the steering wheel is in position for straight-ahead travel before again taking measurements. Continue to repeat the steps above until a proper adjustment is achieved.
- Secure the tie rod to the right axle with the flat washer removed earlier and a replacement cotter pin.

IMPORTANT: Do NOT reuse the original cotter pin once it has been removed.

MAINTENANCE



WARNING: Before performing any maintenance or repairs, place the deck engagement/lift lever in the **BLADES STOP** position, move shift lever into neutral position, set parking brake, stop engine and remove key to prevent unintended starting.

Cleaning the Engine And Deck

Any fuel or oil spilled on the machine should be wiped off promptly. Do NOT allow debris to accumulate around the cooling fins of the engine or on any other part of the machine, especially the belts, pulleys and other moving parts. Clean the underside of the deck with a wisk broom, scraper or forced air after each mowing.

IMPORTANT: The use of a pressure washer or garden hose to clean your tractor is NOT recommended. It may cause damage to electrical components, spindles, pulleys, bearings or the engine. The use of water will result in a shortened life of the tractor and reduce its serviceability.

Engine

Refer to the separate engine manual for engine maintenance instructions.

Check engine oil level before each use as instructed in the separate engine manual packed with your unit. Read and follow instructions carefully.

Changing Engine Oil (models equipped with an oil drain sleeve)

For draining oil from the engine's crankcase of select model tractors, a plastic oil drain sleeve is packed with this operator's manual. To drain the oil, proceed as follows:

- Unscrew oil fill cap and remove dipstick from the oil fill tube. See Figure 15.
- Snap the small end of oil drain sleeve onto the oil sump. See Figure 15.
- Remove drain plug and drain oil into a suitable container with a capacity of no less than 64 oz.
- Service the oil filter (if so equipped) as instructed in the separate engine manual packed with your unit.

Perform the above steps in the opposite order after oil has finished draining.

- Refill the engine with new motor oil.

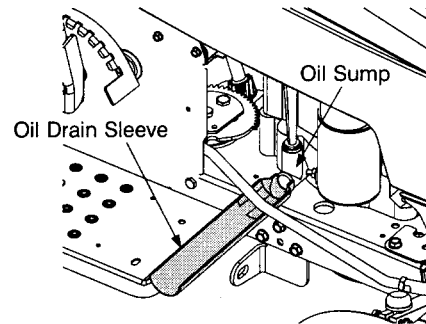


FIGURE 15

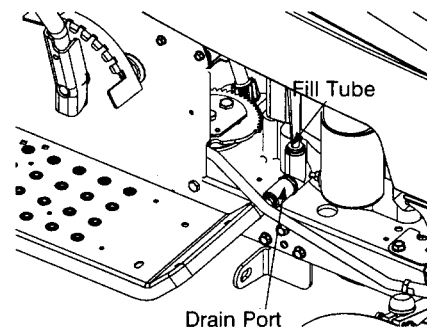


FIGURE 16

IMPORTANT: Refer to the separate engine manual packed with your unit for information regarding the quantity and proper weight of motor oil.

Changing Engine Oil (models equipped with an oil drain valve)

NOTE: Depending on your tractor's engine make & model, it may be necessary to remove the tractor's side panel in order to replace the oil filter (if so equipped).

- Unscrew the oil fill cap and remove the dipstick from the oil fill tube. See Figure 16.
- Pop open the protective cap on the end of the oil drain valve to expose the drain port. See Figure 16.
- Push the oil drain hose (packed with this manual) onto the oil drain port. Route the opposite end of the hose into an appropriate oil collection container with a capacity of no less than 64 oz.
- Push the oil drain valve in slightly, then rotate counterclockwise and pull outward to begin draining oil.
- Service the oil filter (if so equipped) as instructed in the separate engine manual packed with your unit.

Perform the above steps in the opposite order after oil has finished draining.

- Refill the engine with new motor oil.

IMPORTANT: Refer to the separate engine manual packed with your unit for information regarding the quantity and proper weight of motor oil.

Air Cleaner

To service the air cleaner, refer to the separate engine manual packed with your unit.

Fuel Filter

Service the fuel filter, if so equipped, as instructed in the separate engine manual packed with your unit.

Spark Plug(s)

The spark plug gap should be cleaned and the gap reset once a season. Spark plug replacement is recommended at the start of each mowing season; check engine manual for correct plug type and gap specification.

NOTE: Your engine is equipped with a resistor SPARK PLUG, when replacing plug also use resistor type.

NOTE: This spark ignition system meets all requirements of the Canadian Interference-Causing Equipment Regulations.

LUBRICATION

WARNING: Before lubricating, repairing, or inspecting, always disengage PTO, move speed control lever into neutral position, set parking brake, stop engine and remove key to prevent unintended starting.

Engine

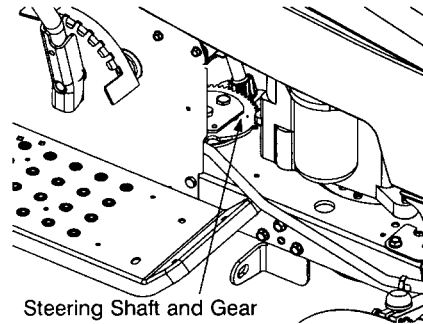
Lubricate the engine with motor oil as instructed in separate engine manual packed with your unit.

Rear Wheels

The rear wheels should be removed from the axles once a season. Lubricate the axles and the rims well with an all-purpose grease before re-installing them.

Front Axles

Each end of the tractor's front pivot bar may be equipped with a grease fitting. If so equipped, lubricate with a grease gun after every 25 hours of tractor operation.



Steering Shaft and Gear
FIGURE 17

Pivot Points & Linkage

Lubricate all the pivot points on the drive system, brake pedal and lift linkage at least once a season with light oil.

Steering Shaft and Gear

Lubricate teeth of steering gears with automotive multi-purpose grease after every 25 hours of operation or once a season. See Figure 17.

MAINTENANCE

WARNING: Disconnect the spark plug wire and ground against the engine before performing any repairs or maintenance.

Cutting Deck Removal

WARNING: Shut the engine off, remove ignition key, set the parking brake, disconnect the spark plug wire(s) and ground against the engine to prevent unintended starting before removing the cutting deck.

WARNING: Always wear safety glasses or safety goggles to protect your eyes while removing the cutting deck.

For performing service on your tractor and in order to properly mount some (separately available) attachments, it may be necessary to remove the tractor's cutting deck. To do so, proceed as follows:

- Place the deck engagement/lift lever in the engaged (all the way forward) position.
- Using a spring puller (Part No. 732-0571) or other suitable tool, disconnect the spring which is attached to a small hook found on the left, rear portion of the transmission. See Figure 18

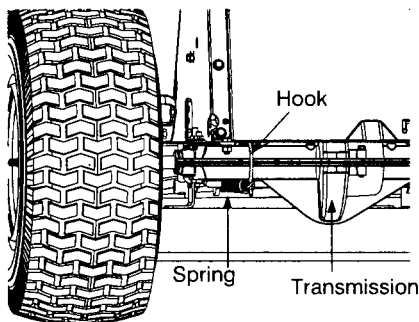


FIGURE 18

- Place the deck engagement/lift lever in the **BLADES STOP** position.
- Locate the two belt keeper pins, found on either side of the engine pulley, and use a 1/4-inch socket wrench to remove them from the lower frame. See Figure 19.

NOTE: When reassembling, make certain belt keeper pins are assembled in the same locations from which they were removed.

- Unpile the deck belt from around the engine pulley. Return the deck engagement/lift lever to the engaged (all the way forward) position.
- Locate the deck anti-sway rod and adjustable deck links found near the front of the cutting deck. See Figures 20 & 21.
- First remove the hairpin clip which secures the anti-sway rod to the front portion of the cutting deck, then remove the hairpin clips which secure the adjustable deck hangers. Retain the hairpin clips.
- Carefully lower the front portion of the deck to the ground.
- Remove the hairpin clips which secure the rear deck hangers to the deck stabilizer bracket. See Figure 21. Retain the hairpin clips.
- Carefully lower the rear portion of the deck to the ground.

NOTE: For normal service and maintenance, the deck stabilizer bracket doesn't need to be removed from the tractor. If removing the cutting deck in order to mount a snowthrower attachment, however, the stabilizer bracket must be removed. To do so, simply remove the hairpin clip which secures the stabilizer rod to the stabilizer bracket. See Figure 20.

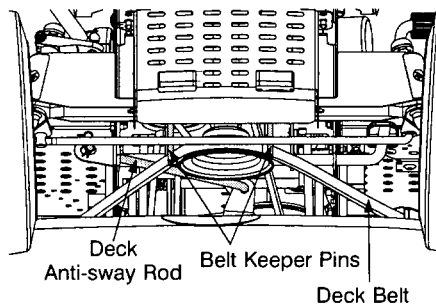


FIGURE 19

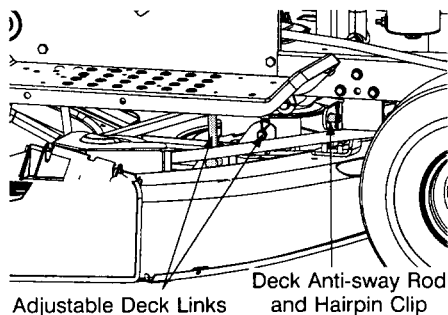


FIGURE 20

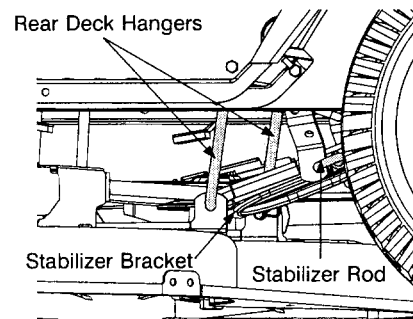


FIGURE 21

- Place the deck engagement/lift lever in the **BLADES STOP** position to raise the lift links up, and out of the way.
- Carefully slide the deck from beneath the right side of the lawn tractor.

Cutting Blades



WARNING: Be sure to shut the engine off, remove ignition key, disconnect the spark plug wire(s) and ground against the engine to prevent unintended starting before removing the cutting blade(s) for sharpening or replacement. Protect

your hands by using heavy gloves or a rag to grasp the cutting blade.



WARNING: Periodically inspect the blade adapter and/or spindle for cracks or damage, especially if you strike a foreign object. Replace immediately if damaged.

The blades may be removed as follows.

- Remove the deck from beneath the tractor, (refer to Cutting Deck Removal) then gently flip the deck over to expose its underside.
- Place a block of wood between the center deck housing baffle and the cutting blade to act as a stabilizer. See Figure 18.
- Use a 15/16" wrench to remove the hex flange nut that secures the blade to the spindle assembly. See Figure 18.

To properly sharpen the cutting blades, remove equal amounts of metal from both ends of the blades along the cutting edges, parallel to the trailing edge, at a 25° to 30° angle. See Figure 19.

IMPORTANT: If the cutting edge of the blade has already been sharpened to within 5/8" of the wind wing radius, or if any metal separation is present, replace the blades with new ones. See Figure 19.

It is important that each cutting blade edge be ground equally to maintain proper blade balance. A poorly balanced blade will cause excessive vibration and may cause damage to the tractor and result in personal injury.

The blade can be tested by balancing it on a round shaft screwdriver. Grind metal from the heavy side until it balances evenly.

When replacing the blade, be sure to install the blade with the side of the blade marked "Bottom" (or with a part number stamped in it) facing the ground when the mower is in the operating position.

IMPORTANT: Use a torque wrench to tighten the blade spindle hex flange nut to between 70 foot-pounds and 90 foot-pounds.

Battery

The battery is sealed and is maintenance-free. Acid levels cannot be checked.

- Always keep the battery cables and terminals clean and free of corrosive build-up.
- After cleaning the battery and terminals, apply a light coat of petroleum jelly or grease to both terminals

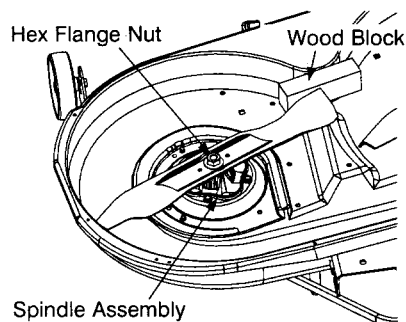


FIGURE 18

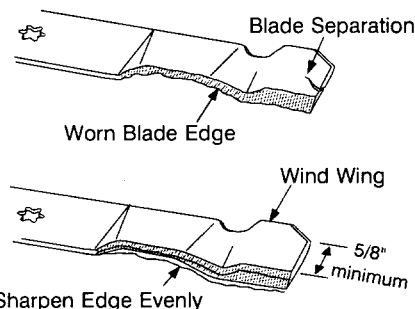


FIGURE 19

- Always keep the rubber boot positioned over the positive terminal to prevent shorting.

IMPORTANT: If removing the battery for any reason, disconnect the NEGATIVE (Black) wire from its terminal first, followed by the POSITIVE (Red) wire. When re-installing the battery, always connect the POSITIVE (Red) wire to its terminal first, followed by the NEGATIVE (Black) wire. Be certain that the wires are connected to the correct terminals; reversing them could change the polarity and cause damage to your engine's alternating system.

Charging

If the tractor has not been put into use for an extended period of time, charge the battery with an automotive-type 12-volt charger for a minimum of one hour at six amps.



WARNING: Batteries give off an explosive gas while charging. Charge battery in a well ventilated area and keep away from an open flame or pilot light as on a water heater, space heater, furnace, clothes dryer or other gas appliances.

Jump Starting

! WARNING: When removing or installing the battery, follow these instructions to prevent the screwdriver from shorting against the frame.

IMPORTANT: Never jump your tractor's dead battery with the battery of a running vehicle.

- Connect end of one jumper cable to the positive terminal of the good battery, then the other end to the positive terminal of the dead battery.
- Connect the other jumper cable to the negative terminal of the good battery, then to the frame of the unit with the dead battery.

! WARNING: Failure to use this procedure could cause sparking, and the gas in either battery could explode.

Cleaning

Clean the battery by removing it from the tractor and washing with a baking soda and water solution. If necessary, scrape the battery terminals with a wire brush to remove deposits. Coat terminals and exposed wiring with grease or petroleum jelly to prevent corrosion.

Battery Failures

Some common causes for battery failure are:

- incorrect initial activation
- undercharging
- overcharging
- corroded connections
- freezing

These failures are NOT covered by your tractor's warranty.

Tires

Recommended operating tire pressure is approximately 10 p.s.i. Maximum tire pressure under any circumstances is 30 p.s.i. Equal tire pressure should be maintained on all tires.

When installing a tire to the rim, be certain rim is clean and free of rust. Lubricate both the tire and rim generously. Never inflate to over 30 p.s.i. to seat beads.

! WARNING: Excessive pressure (over 30 p.s.i.) when seating beads may cause tire/rim assembly to burst with force sufficient to cause serious injury.

Belt Replacement

! WARNING: Shut the engine off, remove ignition key, set the parking brake, disconnect the spark plug wire(s) and ground against the engine to prevent unintended starting before replacing belts.

For performing service on your tractor and in order to properly mount some (separately available) attachments, it may be necessary to remove the tractor's cutting deck. To do so, proceed as follows:

Deck Belt (38- and 42-inch Decks)

! WARNING: Shut the engine off, remove ignition key, set the parking brake, disconnect the spark plug wire(s) and ground against the engine to prevent unintended starting before removing the cutting deck.

! WARNING: Always wear safety glasses or safety goggles to protect your eyes while removing the cutting deck.

- Remove the cutting deck from the tractor (Refer to Cutting Deck Removal, for detailed instructions).
- Remove the belt guards (located over each spindle pulley) by removing the self-tapping screws which secure them in place. See Figure 20.
- Remove and replace the belt, reassemble following the instructions in reverse order.

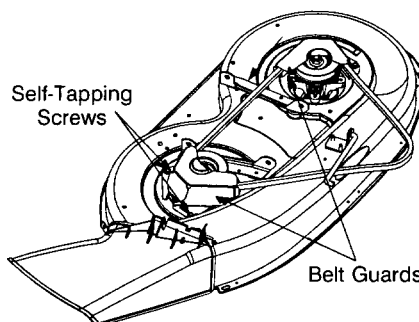


FIGURE 20 - 42-inch deck shown

Deck Belts (46" Deck)

- Remove the cutting deck from the tractor (Refer to Cutting Deck Removal) for detailed instructions.

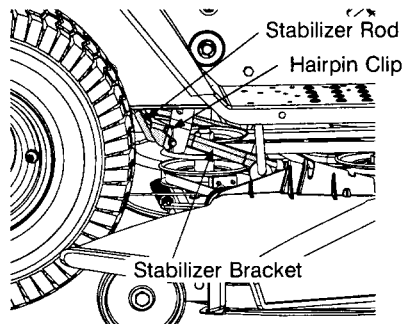


FIGURE 21

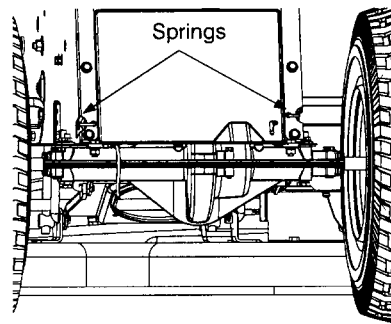


FIGURE 22

NOTE: On 46-inch decks, you must also remove both the deck stabilizer bracket and the stabilizer rod. To do so, remove the hairpin clip which secures the stabilizer rod to the stabilizer bracket. See Figure 25.

After the deck is removed (and the stabilizer bracket and rod), the upper deck belt can be simply lifted off of the double-pulley located in the rear, center of the cutting deck.

To remove the lower deck belt:

- Follow all steps above for removing the upper deck belt.
- Remove the belt guards (located over each outer spindle pulley) by removing the self-tapping screws which secure them in place. Refer to Figure 20.
- Using a spring puller (Part No. 732-0571) or other suitable tool, disconnect the extension spring from the rear of the cutting deck belt. This will relieve tension on the lower deck belt.
- Remove the lower deck belt from around the idler pulleys, and the three spindle pulleys.
- Reassemble new belts, following instructions in reverse order.

Drive Belts (Upper and Lower)

NOTE: The engine pulley must be removed from the engine's crankshaft in order to change the tractor's drive belts. Doing so requires an air/impact wrench.

It is recommended that both belts be changed at the same.

- Place the deck engagement/lift lever in the engaged (all the way forward) position.
- Unthread the shift knob and remove the two flange screws which secure the shift cover panel in place. Refer to Figure 9. Remove the shift cover panel.

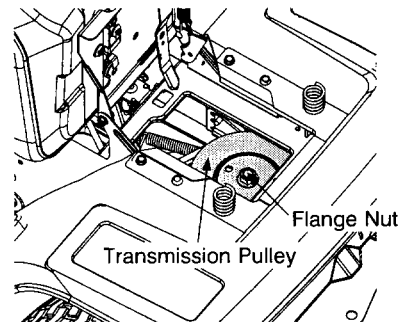


FIGURE 23

NOTE: There is a small yellow wire connected to a spring switch on the underside of the shift cover panel. Be careful not to damage it when removing the panel

- Using a spring puller (Part No. 732-0571) or other suitable tool, disconnect the spring which is attached to a small hook found on the left, rear portion of the transmission. Refer to Figure .
- Using a spring puller or other suitable tool, disconnect the two springs which are attached to the rear portion of the tractor frame. See to Figure 26.
- Place the deck engagement/lift lever in the BLADES STOP position.
- Locate the two belt keeper pins, found on either side of the engine pulley, and use a 1/4-inch socket wrench to remove them from the lower frame. Refer to Figure 19.

NOTE: When reassembling, make certain belt keeper pins are assembled in the same locations from which they were removed.

- Using an impact gun with a 5/8-inch socket, remove the hex screw which secures the engine pulley to the engine crankshaft.

- Carefully lower the pulley off of the crankshaft and remove the belt from around it.
- Disconnect the battery cables from the terminals (disconnect the NEGATIVE (Black) wire from it's terminal first, followed by the POSITIVE (Red) wire).
- Detach the battery hold-down rod and remove both the battery and battery tray from the tractor.
- Locate the transmission pulley through the battery tray opening. See Figure 23.
- Using an impact gun with a 13/16-inch socket, remove the pulley from the transmission's input shaft by removing the flange nut which secures it.
- Carefully lift the pulley off of the transmission's input shaft and remove the upper drive belt from around it and the variable speed.

NOTE: A spacer is located beneath the transmission pulley. Be careful not to lose the spacer and be certain NOT reinstall the spacer upside down.

- Remove the lower drive belt from around the lower portion of the variable speed pulley and feed it toward the shift cover panel opening.
- Remove the lower drive belt by lifting it through the cover panel opening.
- Reassemble new belts, following the previous instructions in reverse order.

IMPORTANT: When remounting the engine pulley, torque the hex bolt to between 38 foot-pounds and 50 foot-pounds.

IMPORTANT: When remounting the transmission pulley, torque the flange nut to between 25 foot-pounds and 33 foot-pounds.

OFF-SEASON STORAGE



WARNING: Never store the machine or fuel container indoors where there is an open flame, spark or pilot light such as on water heater, furnace, clothes dryer or other gas appliance.



WARNING: Use a fuel stabilizer additive or drain the fuel into an approved container outdoors, away from an open flame. Allow engine to cool. Extinguish cigarettes, cigars, pipes, and other sources of ignition prior to draining fuel. Fuel left in engine without a stabilizer additive for extended periods deteriorates and will cause problems.

If the machine is to be inoperative for a period longer than 30 days, prepare for storage as follows.

- Clean the engine and the entire unit thoroughly.
- We do not recommend the use of pressure washers or garden hose to clean your unit. They may cause damage to electric components, spindles, pulleys, bearings or the engine. The use of water will result in shortened life and reduce serviceability.
- Lubricate all lubrication points. Wipe the entire machine with an oiled rag to protect the surfaces.
- Refer to the engine manual for correct engine storage instructions. The engine must be completely drained of fuel to prevent gum deposits from forming on essential carburetor parts, fuel lines and fuel tanks.

Charge battery fully. The battery loses some of its charge each day when the unit is not used.

NEVER store battery without a full charge. Recharge battery before returning to service or every two months, whichever occurs first.

- When storing unit for extended periods, disconnect battery cables. Removing battery from unit is recommended.
- Store unit in a clean, dry area. Do not store next to corrosive materials, such as fertilizer.

NOTE: When storing any type of power equipment in an unventilated or metal storage shed, care should be taken to rustproof the equipment. Using a light oil or silicone, coat the equipment, especially any chains springs, bearings and cables.

ATTACHMENTS & ACCESSORIES

The following attachments and accessories are compatible for Lawn Tractor Models 660-668. See the retailer from which you purchased your tractor, an authorized Service Dealer for information regarding price and availability.

Lawn tractor models 660-688 are NOT designed for use with any type of ground-engaging attachments (e.g. tiller or plow). Use of this type of equipment WILL void the tractor's warranty

MODEL	DESCRIPTION
OEM-190-116	42" Deck Mulch Kit
OEM-190-118	46" Deck Mulch Kit
OEM-190-180	Twin Bagger Grass Collector (for 38" and 42" decks)
OEM-190-182	Twin Bagger Grass Collector (for 46" deck)
OEM-190-215	Rear Wheel Weights (two per set)
OEM-190-226	Front Bumper Kit
OEM-190-620	46" Front Dozer Blade
OEM-190-627	42" Two Stage Snowthrower
OEM-190-916	Tire Chains, for 20" x 10.0" tires (two per set)
OEM-190-658	Tire Chains, for 20" x 8.0" tires (two per set)
OEM-190-657	Tire Chains, for 18" x 9.5" tires (two per set)
OEM-190-754	Tire Chains, for 18" x 8.5" tires (two per set)
OEM-190-664	Tire Chains, for 18" x 6.5" tires (two per set)
OEM-190-808	Deluxe Tractor Sunshade

TROUBLE SHOOTING GUIDE

PROBLEM	POSSIBLE CAUSE(S)	CORRECTIVE ACTION
Engine will not crank.	Safety switch button not depressed	There are two switches in the starting circuit of your unit: the clutch pedal switch and the deck lift lever switch. Make certain the actuator is fully depressing the buttons on each switch.
	Battery installed incorrectly	The battery must be installed with negative terminal attached to black ground wire. Negative terminal is identified at the post by "NEG", "N" or "-". The positive terminal, identified by "POS", "P" or "+", must be attached to the big red wire which goes to the solenoid.
	Battery is dead or weak	Check fluid level in battery. If it is low, fill to just below split rings with water. Charge with 6 AMP charger until fully charged.
	Brown fuse or circuit breaker	Replace fuse with 7-1/2 amp. automotive type fuse. Fuses seldom fail without a reason. The problem must be corrected. Check for loose connections in the fuse holder. Replace fuse holder if necessary. A dead short may be in the cranking or charging circuit where the insulation may have rubbed through and exposed the bare wire. Replace the wire or repair with electrician's tape if the wire strands have not been damaged. Note: Look for a wire pinched between body panels, burned by the exhaust pipe or muffler or rubbed against a moving part.
	Engine ground wire loose	Engine should have a black ground wire running from engine to frame or mounting bolt.
Engine cranks but will not start	Throttle or choke not in starting position	Check owner's guide for correct position for throttle control and choke for starting.
	No spark to spark plug	Spark plug lead disconnected. Connect lead. Hold spark plug lead away from engine block about 1/8". Crank engine. There should be a spark. If not, have engine repaired at authorized engine service dealer. Faulty spark plug. To test, remove spark plug. Attach spark plug lead to spark plug. Ground the spark plug body against the engine block. Crank the engine. The spark plug should fire at the electrode. Replace if it does not.
	No fuel in the carburetor	Gasoline tank empty. Fill. Fuel line or in-line fuel filter plugged. Remove and clean fuel line. Replace filter if necessary.
	Air filter dirty	If the air cleaner is dirty, the engine may not start. Clean or replace as recommended by the engine manufacturer.
Engine smokes	Engine loses crankcase vacuum	Dipstick not seated or broken. Replace defective part. Engine breather defective. Replace.
Excessive vibration	Bent or damaged blade spindle	Stop engine immediately. Check all pulleys, blade adapters, keys and bolts for tightness and damage. Tighten or replace any damaged parts.
	Bent blade	Stop engine immediately. Replace damaged blade. Only use original equipment blades.
Mower will not discharge grass or leaves uncut strips	Engine speed low Throttle must be set on full throttle. Speed selection	Use lower ground speed. The slower your ground speed, the better quality of cut. Blades too short or dull Sharpen or replace blades (uncut strip problem only).

If the above steps fail to correct the problem, take the unit to your local authorized service dealer for repair.

TWO YEAR LIMITED WARRANTY

For **TWO YEARS** from the date of retail purchase within Canada, **MTD PRODUCTS LIMITED** will, at its option, repair or replace, for the original purchaser, free of charge, any part or parts found to be defective in material or workmanship.

This warranty does not cover:

1. Any part which has become inoperative due to misuse, commercial use, abuse, neglect, accident, improper maintenance or alteration; or
2. The unit if it has not been operated and/or maintained in accordance with the owner's instructions furnished with the unit; or
3. The engine or motor or component parts thereof which carry separate warranties from their manufacturers. Please refer to The applicable manufacturer's warranty on these items; or
4. Batteries and normal wear parts except as noted below. Log splitter pumps, valves and cylinders or component parts thereof are covered by a one year warranty; or
5. Routine maintenance items such as lubricants, filters, blade sharpening and tune-ups, or adjustments such as brake, clutch or deck; or
6. Normal deterioration of the exterior finish due to use or exposure.

Full Ninety Day Warranty on Battery: For ninety (90) days from the date of retail purchase, if any battery included with this unit proves defective in material or workmanship and our testing determines the battery will not hold a charge, MTD PRODUCTS LIMITED will replace the battery at no charge to the original purchaser.

Additional Limited Thirty Day Warranty on Battery: After ninety (90) days but within one hundred twenty (120) days from the date of purchase, MTD PRODUCTS LIMITED will replace the defective battery, for the original purchaser, for a cost of one-half (1/2) of the current retail price of the battery in effect at the date of return.

Full Sixty Day Warranty on Normal Wear Parts: Normal wear parts are defined as belts, blade adapters, blades, grass bags, seats, tires, rider deck wheels and clutch parts (friction wheels). These parts are warranted to the original purchaser to be free from defects in material and workmanship for a period of sixty (60) days from the date of retail purchase.

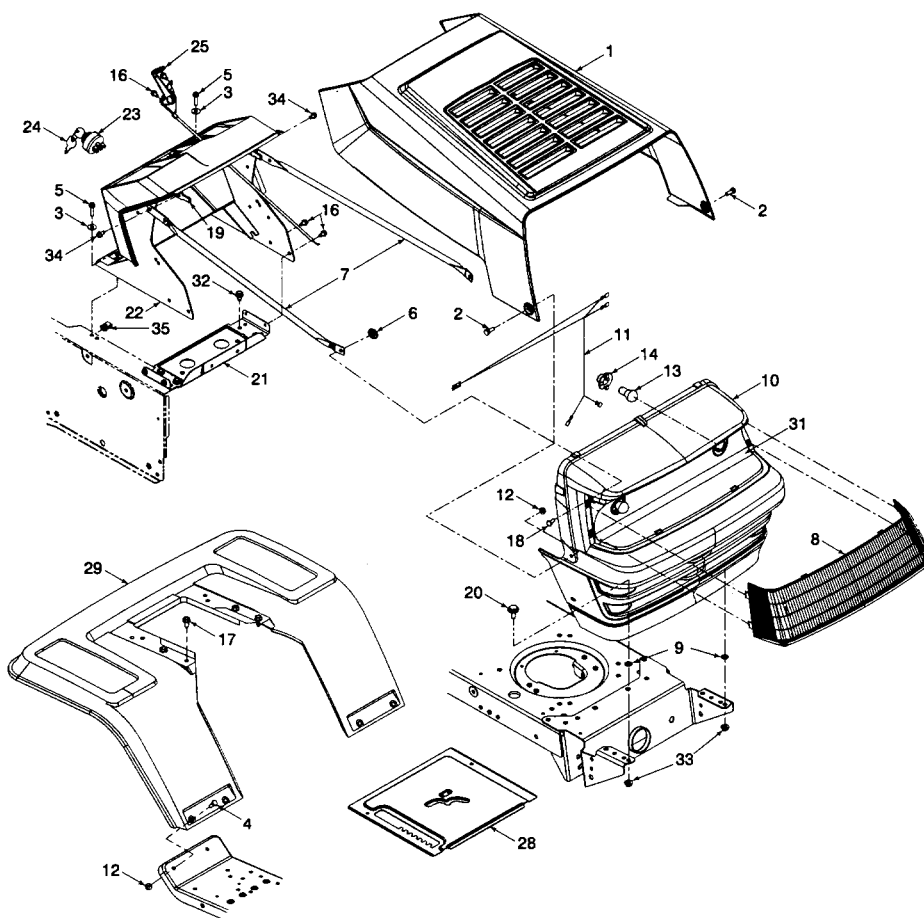
How to Obtain Service: Warranty service is available, with proof of purchase, through your local authorized service dealer or distributor. If you do not know the dealer or distributor in your area, please call, toll free 1-800-668-1238. The return of a complete unit will not be accepted by the factory unless prior written permission has been extended by MTD PRODUCTS LIMITED.

Transportation Charges: Transportation charges for the movement of any power equipment unit or attachment are the responsibility of the purchaser. Transportation charges for any part submitted for replacement under this warranty must be paid by the purchaser unless such return is requested in writing by MTD PRODUCTS LIMITED.

Other Warranties: All other warranties, express or implied, including any implied warranty of merchantability is limited in its duration to that set forth in this express limited warranty. The provisions as set forth in this warranty provide the sole and exclusive remedy of MTD PRODUCTS LIMITED obligations arising from the sale of its products.

MTD PRODUCTS LIMITED will not be liable for incidental or consequential loss or damage.

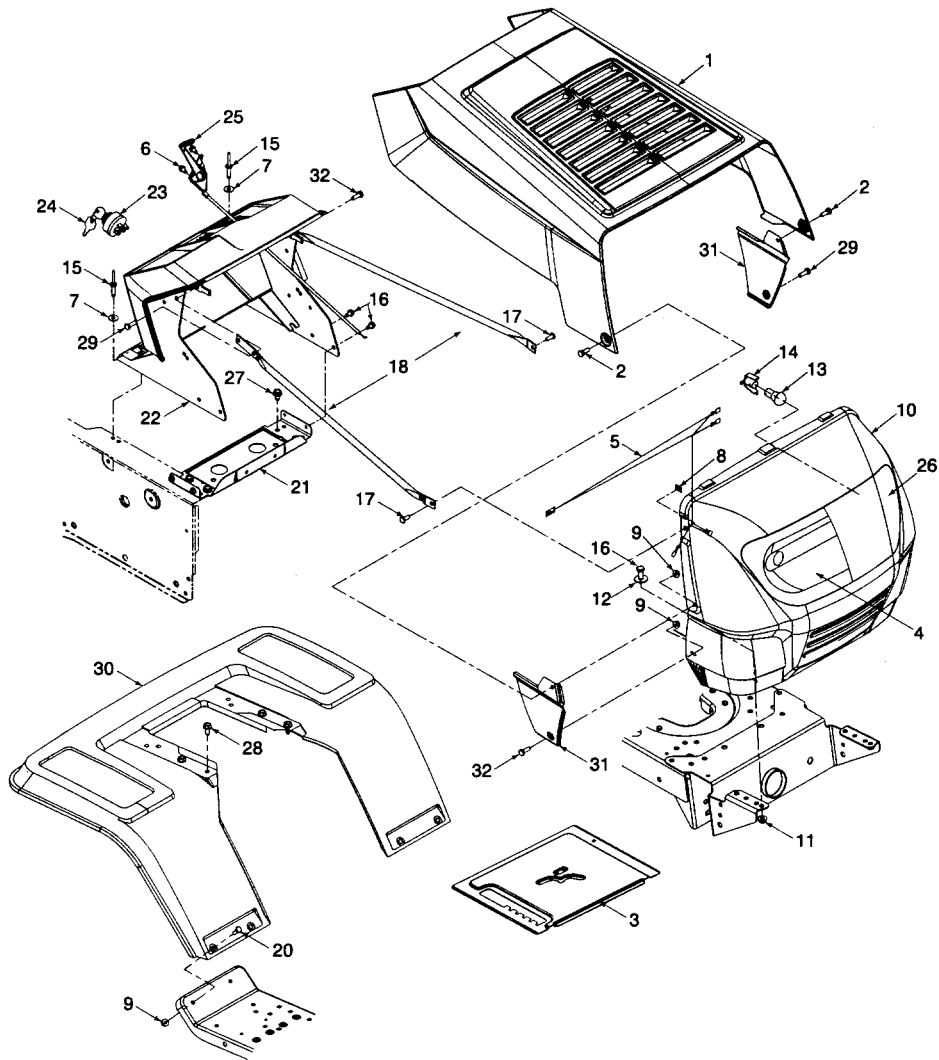
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REF NO. N° DE RÉF	PART NO. N° DE PIÈCE	DESCRIPTION	DESCRIPTION
1	783-0250A	Hood "O" Style (w/louvers)	Capot style «O»
2	738-0952A	Shld. Bolt .375 DIA x .125	Vis à épaulée 0,375 DIA x 0,125
3	736-3090	Flat Washer .260 x .720 x .060	Rondelle plate 0,260 x 0,720 x 0,060
4	710-0751	Hex Hd. Cap Scr 1/4-20 X .62 Gr. 5	Vis à tête hexagonale 1/4-20 x 0,62 Qté 5
5	710-0788	Hex Bolt 1/4-20 x 1.00	Vis à tête hex. 1/4-20 x 1,00
6	726-04012	Push on Nut .25 Dia.	Écrou poussée 0,25 diam.
7	749-0722C	Grille Support Rod	Tige de support de grille
8	731-1099A	Lens - Style "O" w/o	Lentille -Style «O» sans
9	726-0201	Speed Nut .3125	Écrou rapide 0,3125
10	731-1097F	Grille (Style 0)	Grille (Style «O»)
11	629-0469B	Headlight Harness	Faisceau de fil
12	712-3027	Hex Flange L-Nut 1/4-20	Contre-écrou à embase 1/4-20
13	725-0963	Lamp	Phares
14	725-1649	Socket	Douille de lampe
15	710-0932	Carriage Bolt 1/4-20 x 1.0	Boulon mécanique 1/4-20 x 1,0
16	710-0599	Hex Wash SF Tapp Scr. 1/4-20 x .50	Vis taraudée 1/4-20 x 0,50
17	710-0726	Screw 5/16-12 x .75	Vis 5/16-12 x 0,75
18	728-0162	Flat Hd. Rivet .25"	Rivet 0,25 po
19	712-0185	"U" Type Speed Nut	Écrou en «U»
20	738-04015	Shoulder Scr. 5/16-18 x .625	Vis à épaulément 5/16-18 x 0,625
21	17632C	Gas Tank & Battery Supp. Brkt	Support du réservoir de carburant et la batterie
22	731-04179	Dash "O" Style (w/o choke)	Tableau (Style «O»)(sans volet de départ)
23	725-1396	Key Switch	Contacteur d'allumage
24	725-0201	Ignition Key	Clavette
25	746-04020	Choke/Throttle Cable	Câble de volet de départ/de la commande
27	725-0925	Ammeter (Optional)	Ampèremètre (Optional)
28	783-04060	Shift Cover - 6 speed	Panneau - 6 vitesses
	783-04050	Shift Cover - 8 speed	Panneau - 8 vitesses
29	17870B	Fender (w/cut out)	Aile (avec encastré)
30	710-0726	Hex Wash HD AB Tap Scr 5/16 x .75	Vis taraudée 5/16 x .75
31	777X40318	Grille Reflector Label	Etiquette
32	710-0607	Hex Wash. HD T Tap Scr. 5/16-18 x .50	Vis taraudée 5/16-18 x 0,50
33	712-3004A	Hex Nut 5/16-18 Gr. B	Écrou à six pans 5/16-18 Qual. B
34	710-0642	Thd. Forming Scr. 1/4-20 x .75	Vis taraudée 1/4-20 x 0,75
35	726-3054	"U" Clip Nut 1/4-20	Écrou pince en «U» 1/4-20

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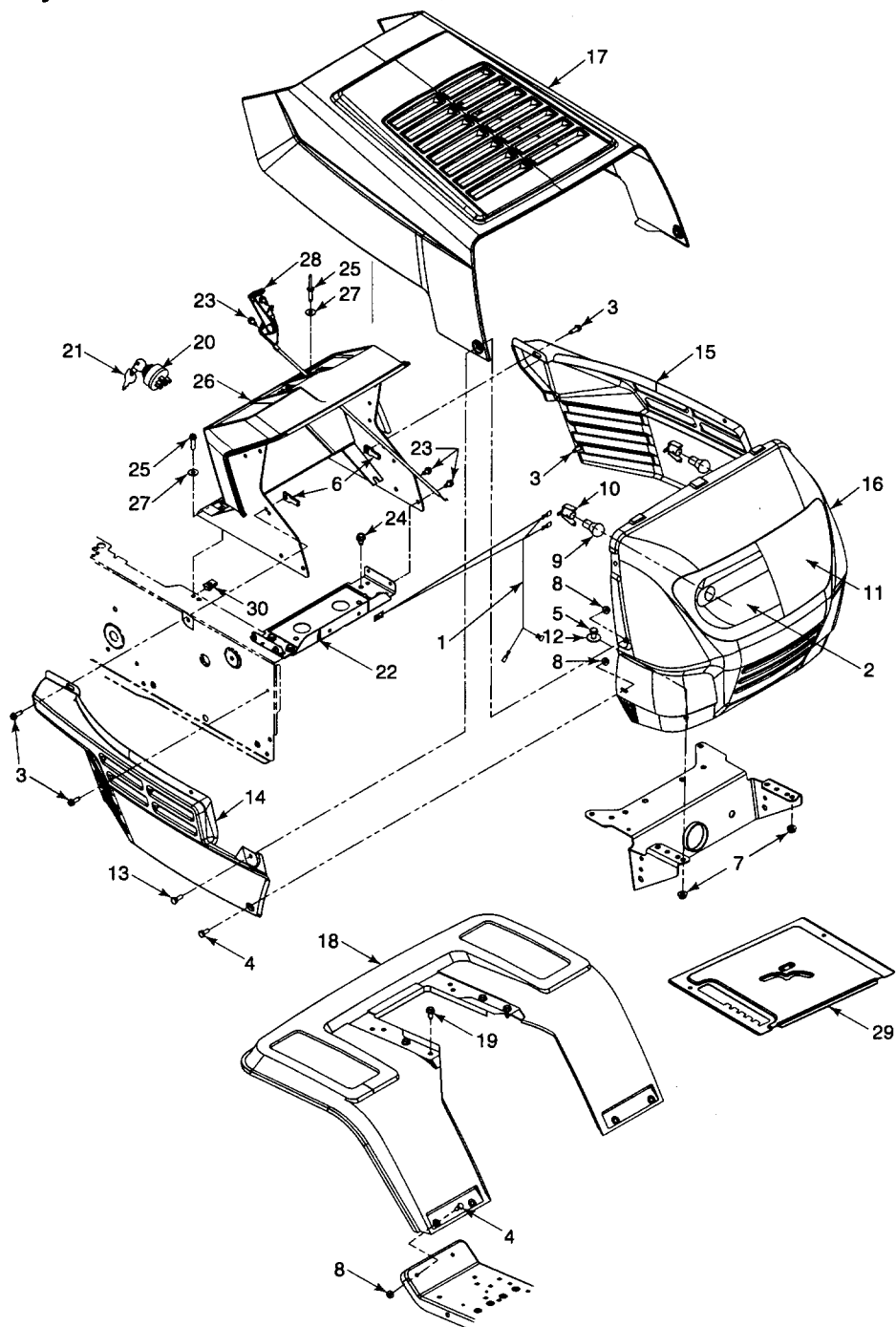
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REF NO. N° DE RÉF	PART NO. N° DE PIÈCE	DESCRIPTION	DESCRIPTION
1	783-0250A	Hood (w/louvers)	Capot
2	738-0952A	Shld. Bolt .375" Dia. x .125" Lg.	Vis à épaulement 0,375 diam. x 0,125 po de lg.
3	783-04060	Shift Cover - 6 speed	Panneau - 6 vitesses
4	777x40065	Reflective Label	Étiquette
5	629-0469B	Headlight Harness	Faisceau de fil
6	710-0599	Hex Wash SF Tapp Scr. 1/4-20 x .50	Vis taraudée 1/4-20 x 0,50
7	736-3090	Flat Washer	Rondelle plate
8	726-04012	Push on Nut .25 Dia.	Écrou poussée 0,25 diam.
9	712-3027	Hex L-Flanged Nut	Contre-écrou à embase
10	783-0156B	Grille	Grille
11	712-3004A	Hex Nut 5/16-18 Gr. B	Écrou à six pans 5/16-18 Qtual.B
12	736-3078	Flat Washer	Rondelle plate
13	725-0963	Lamp	Phares
14	725-1651	Socket	Douille
15	710-0788	Hex Bolt 1/4-20 x 1.00	Vis à tête hex. 1/4-20 x 1,00
16	710-3008	Hex HD Scr. 5/16-18 x .75 Gr. 5	Vis taraudée 5/16-18 x 0,75 Qual. 5
17	728-0162	Flat Hd. Rivet .25"	Rivet .25 po
18	749-0722C	Grille Support	Support de la grille
19	712-0185	"U" Type Speed Nut	Écrou en «U»
20	710-0286	Truss Mach Scr 1/4-20 x .50	Vis de renforcement à tête cintrée 1/4-20 x 0,50
21	17632C	Gas Tank & Battery Sup Brkt	Support du réservoir de carburant et la batterie
22	731-04179	Dash "0" Style (w/o choke)	Tableau (Style «0»)(sans volett de départ)
23	725-1396	Key Switch	Contacteur d'allumage
24	725-0201	Ignition Key	Clavette
25	746-04020	Choke/Throttle Cable	Câble de volett de départ/de la commande
26	731-1503A	Headlight Lens	Lentille
27	710-0603	Hex Wash. Hd. B-Tap Scr.. 5/16-18 x .5"	Vis auto-fileteuse à tête hex et rondelle 5/16-18 x 0,5
28	710-0726	Hex Wash HD AB Tap Scr 5/16 x .75	Vis taraudée 5/16 x 0,75
29	710-0642	Thd. Forming Scr. 1/4-20 x .75	Vis taraudée 1/4-20 x 0,75
30	17870B	Fender	Aile
31	783-0366	Side Panel RH	Panneau laterale - droite
	783-0367	Side Panel LH	Panneau laterale - gauche
32	710-0751	Hex Hd. Cap Scr 1/4-20 X .62 Gr. 5	Vis à tête hexagonale 1/4-20 x 0,62 Qté 5
33	726-3054	"U" Clip Nut 1/4-20	Écrou pince en «U» 1/4-20

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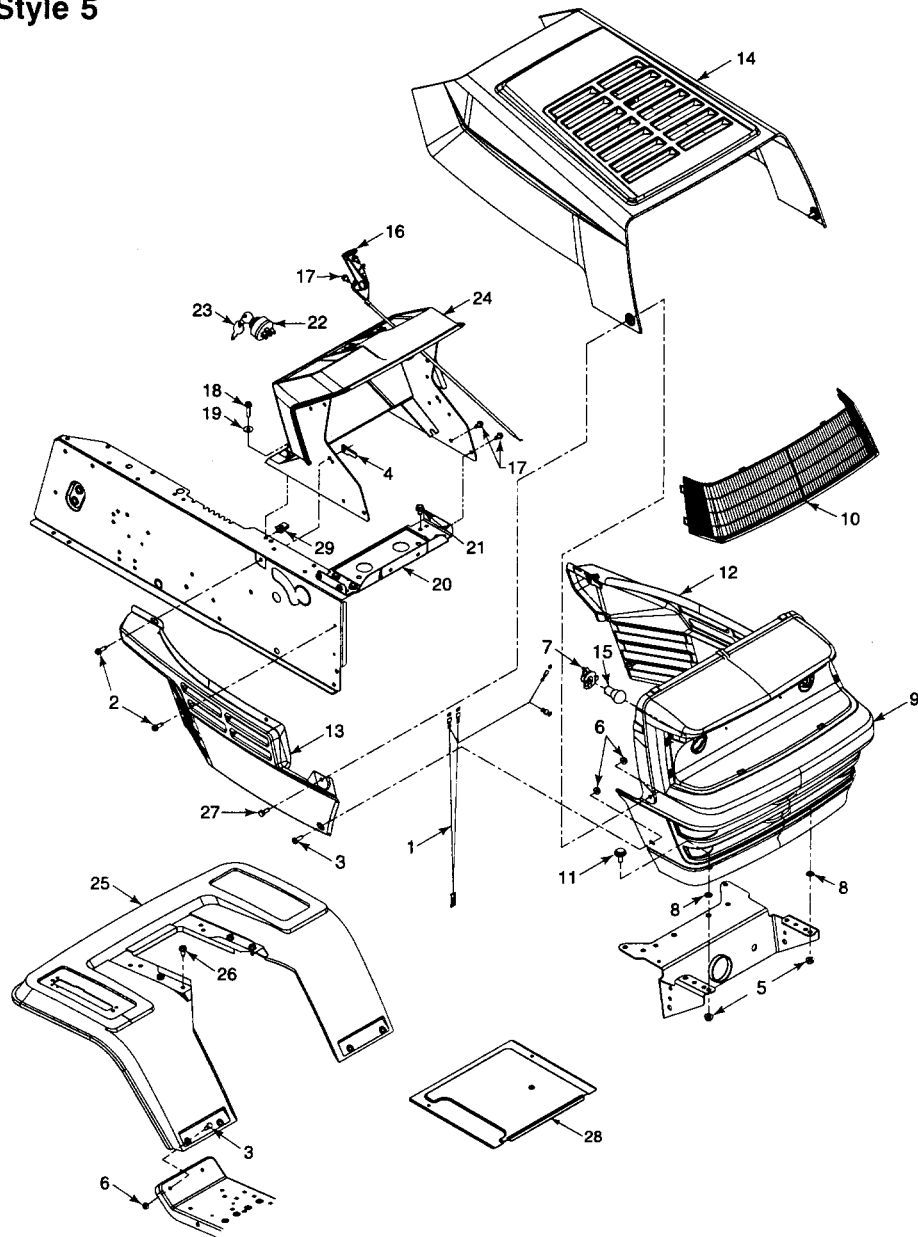
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REF NO. N° DE RÉF	PART NO. N° DE PIÈCE	DESCRIPTION	DESCRIPTION
1	629-0469B	Headlight Harness	Faisceau de fil
2	777x40065	Reflective Label	Étiquette
3	710-0642	Thd Forming Scr. 1/4-20 x .75	Vis taraudée 1/4-20 x 0,75
4	710-0751	Hex Hd. Cap Scr 1/4-20 X .62 Gr. 5	Vis à tête hexagonale 1/4-20 x 0,62 Qté 5
5	710-3008	Hex HD Scr. 5/16-18 x .75 Gr. 5	Vis taraudée 5/16-18 x 0,75 Qual. 5
6	712-0185	"U" Type Speed Nut	Écrou en «U»
7	712-3004A	Hex Nut 5/16-18 Gr. B	Écrou à six pans 5/16-18 Qté B
8	712-3027	Hex L-Flanged Nut	Contre-écrou à embase
9	725-0963	Lamp	Phares
10	725-1651	Socket	Douille
11	731-1503A	Headlight Lens	Lentille
12	736-3078	Flat Washer	Rondelle plate
13	738-0952A	Shld. Bolt .375" Dia. x .125" Lg.	Vis à épaulement 0,375 diam.
14	783-0150B	Side Panel RH	Panneau laterale - droite
15	783-0151B	Side Panel LH	Panneau laterale - gauche
16	783-0156B	Grille	Grille
17	783-0250A	Hood (w/louvers)	Capot
18	17870B	Fender	Aile
19	710-0726	Hex Wash HD AB Tap	Vis taraudée 5/16 x 0,75
20	725-1396	Key Switch	Contacteur d'allumage
21	725-0201	Ignition Key	Clavette
22	17632C	Gas Tank & Battery Sup Brkt	Support du réservoir de carburant et la
23	710-0599	Hex Wash SF Tapp Scr. 1/4-20	Vis taraudée 1/4-20 x 0,50
24	710-0607	Hex Wash. HD Type SF Tap Scr.	Vis taraudée 5/16-18 x 0,50
25	710-0788	Hex Bolt 1/4-20 x 1.00	Vis à tête hex. 1/4-20 x 1,00
26	731-04179	Dash "0" Style (w/o choke)	Tableau (Style «0»)(sans volant de départ)
27	736-3090	Flat Washer	Rondelle plate
28	746-04020	Choke/Throttle Cable	Câble de volant de départ/de la commande
29	783-04060	Shift Cover - 6 speed	Panneau - 6 vitesses
30	726-3054	"U" Clip Nut 1/4-20	Écrou pince en «U» 1/4-20

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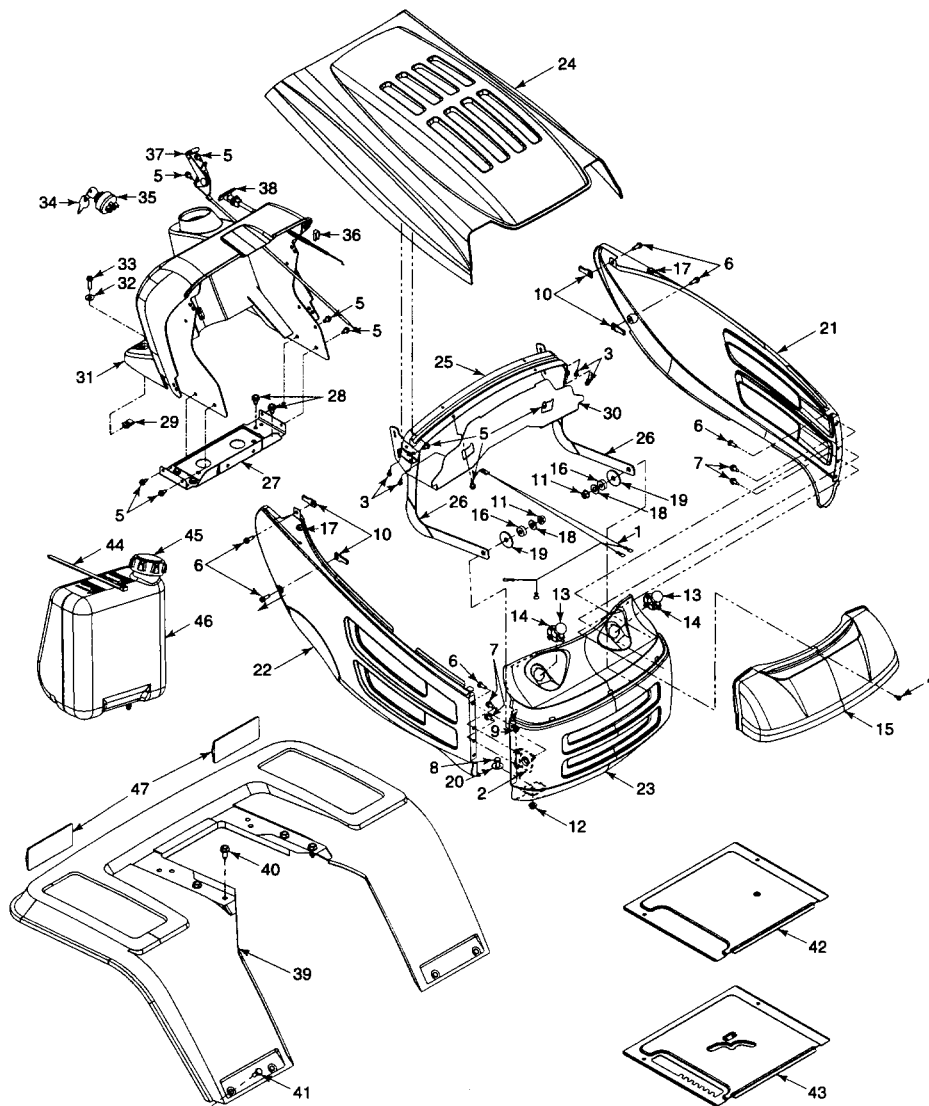
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REF NO. N° DE RÉF	PART NO. N° DE PIÈCE	DESCRIPTION	DESCRIPTION
1	629-0469B	Headlight Harness	Faisceau de fil
2	777x40065	Reflective Label	Étiquette
3	710-0642	Thd Forming Scr. 1/4-20 X .75	Vis taraudée 1/4-20 X .75
4	712-0185	"U" Type Speed Nut	Écrou en «U»
5	712-3004A	Hex Nut 5/16-18 Gr. B	Écrou à six pans 5/16-18 Qual. B
6	712-3027	Hex L-Flanged Nut	Contre-écrou à embase
7	725-1649	Socket	Douille
8	726-0201	Push on Nut .25 Dia.	Écrou poussée .25 diam
9	631-04010		
10	731-1099A	Lens - Style "0" w/o	Lentille -Style «0» sans
11	738-04015	Shoulder Scr. 5/16-18 x .625	Vis à épaulément 5/16-18 x .625
12	783-0150B	Side Panel RH	Panneau latérale - droite
13	783-0151B	Side Panel LH	Panneau latérale - gauche
14	783-0250A	Hood (w/louvers)	Capot
15	725-0963	Lamp	Phares
16	746-04020	Choke/Throttle Cable	Câble de volet de départ/de la commande
17	710-0599	Hex Wash SF Tapp Scr. 1/4-20	Vis taraudée 1/4-20 X .50
18	710-0788	Hex Bolt 1/4-20 x 1.00	Vis à tête hex. 1/4-20 x 1,00
19	736-3090	Flat Washer	Rondelle plate
20	17632C	Gas Tank & Battery Supp. Brkt	Support du réservoir de carburant et la batterie
21	710-0607	Hex Wash. HD Type SF Tap Scr.	Vis taraudée 5/16-18 x .50
22	725-1396	Key Switch	Contacteur d'allumage
23	725-0201	Ignition Key	Clavette
24	731-2515	Dash (w/light switch & ammeter)	Tableau(avec commutateur d'éclairage et ampèremètre)
25	17876C	Fender	Aile
26	710-0726	Screw 5/16-12 x .75	Vis 5/16-12 x .75
27	738-0952A	Shld. Bolt .375 DIA X .125	Vis à épaulée .375 DIA X .125
28	783-04094	Shift Cover	Couvercle
29	726-3054	"U" Clip Nut 1/4-20	Écrou pince en «U» 1/4-20

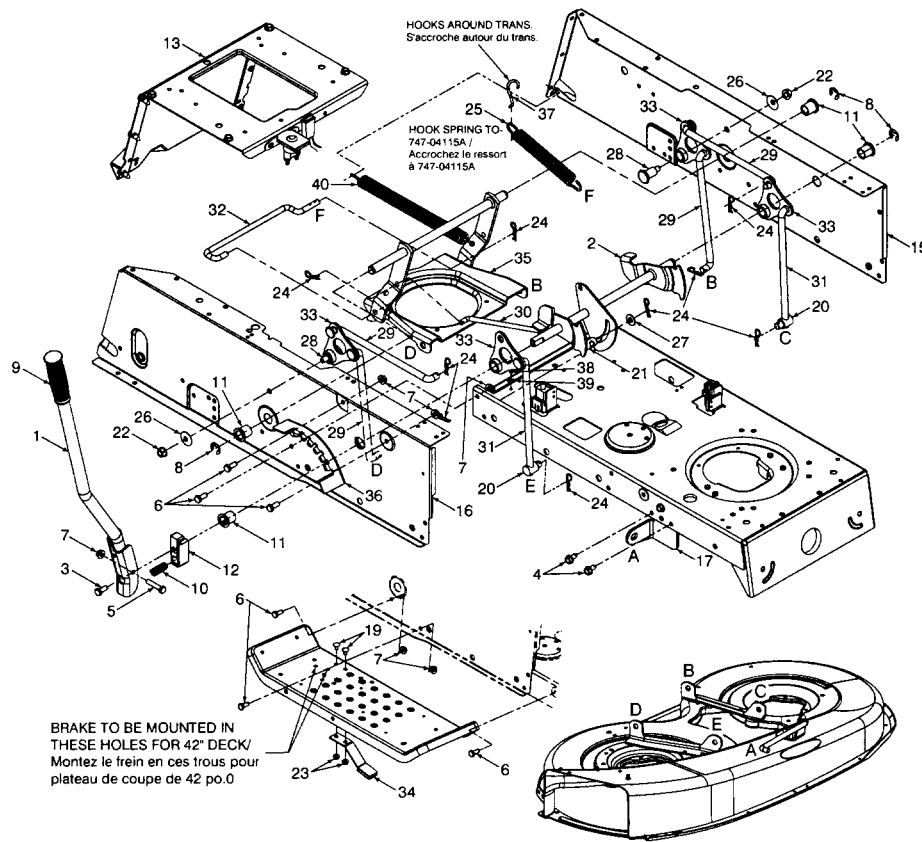
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Style 8



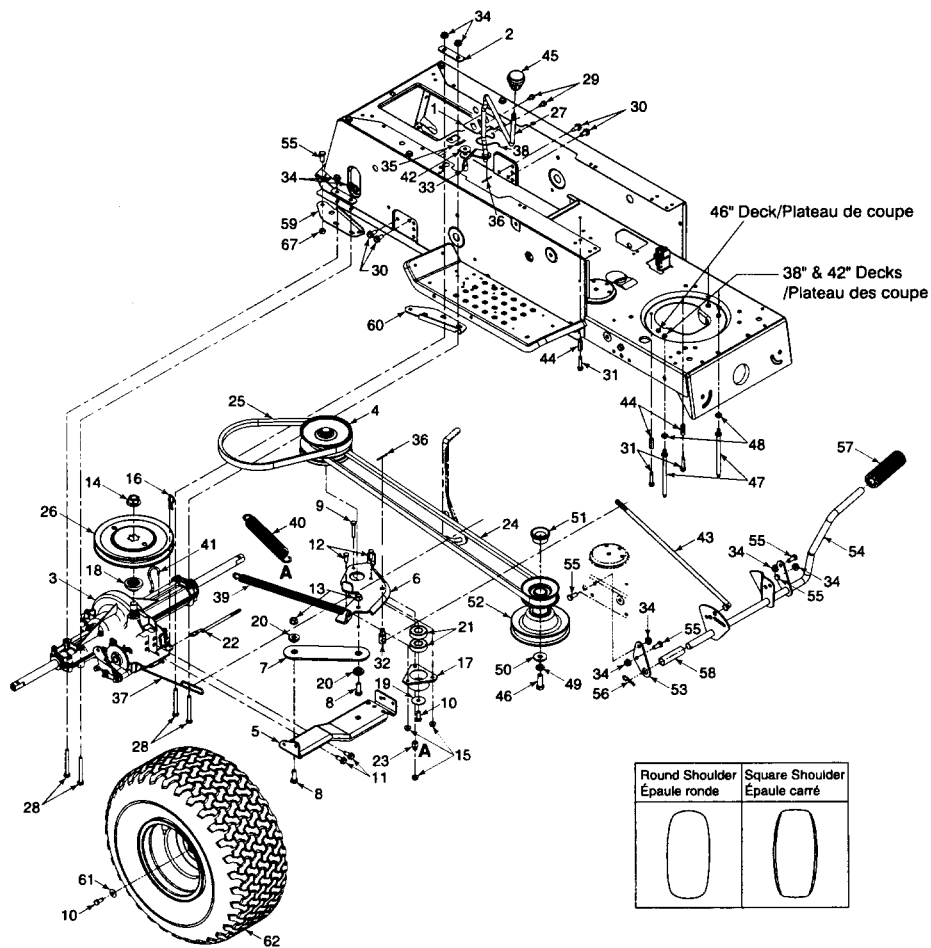
REF NO. N° DE RÉF	PART NO. N° DE PIÈCE	DESCRIPTION	DESCRIPTION
1	629-0469B	Wire Harness, Headlight	Faisceau de fils, phare
2	683-0195	Hood Pivot Brkt Ass'y	Support de capot
3	710-0351	Truss Mach B-Tapp Scr #10 x .50	Vis de renforcement taraudée no 10 x 0,50
4	710-0456	Hex Drilling Screw No. 10 x .50	Vis de perçage à tête hexagonale no 10 x 0,50
5	710-0599	Hex Wash S-Tapp Scr 1/4-20 x .50	Vis autotaraudeuse à rondelle hex. de 1/4-20 x 0,5
6	710-0642	Thd Forming Scr. 1/4-20 x 0.75	Vis taraudée 1/4-20 x 0,75
7	710-0896	Hex B-Tap Scr 1/4-28 x .25" Lg	Vis taraudée à tête hexagonale 1/4-28 x 0,25
8	710-3008	Hex Bolt 5/16-18 x .75" Lg. Gr. 5	Boulon hex. 5/16-18 x 0,75 po de lg. Qual. 5
9	712-0271	Sems Hex Nut 1/4-20	Écrou Sems hex 1/4-20
10	712-0185	"U" Type Speed Nut	Écrou en «U»
11	712-0431	Flanged Lock Nut 3/8-16 Gr. F	Écrou de blocage 3/8 - 16 Qual. F
12	712-3004A	Hex Flange L-Nut 5/16-18 Gr. 5	Contre-écrou à embase 5/16-18 Qual. 5
13	725-0963	Miniature Lamp 12V Socket	Phare miniature 12V
14	725-1649	Socket	Douille
15	731-1854A	Lens Style "8"	Lentille style «8»
16	735-0126	Rubber Washer .33 ID x .87 OD x .32	Rondelle en caoutchouc 0,33 DI x 0,87 DE x 0,32
17	735-0199A	Rubber Bumper	Pare - chocs en caoutchouc
18	736-0300	Flat Washer .385 ID x .87 OD x .06	Rondelle plate 0,385 DI x 0,87 DE x 0,06
19	736-3039	Flat Washer .406 x 1.5 x 11 GA	Rondelle plate ,406 x 1,5 x 11 GA
20	736-3078	Flat Washer .344 ID x 1.0	Rondelle plate 0,344 DI x 1,0
21	783-0475B	LH Side Panel	Panneau latérale - gauche
22	783-0476C	RH Side Panel	Panneau latérale - droite
23	783-0477A	Grille	Grille
24	783-0478B	Hood	Capot
25	783-0553A	Hood Support Bracket	Support du capot
26	783-1495	Hood Hinge Bracket	Support
27	17632C	Gas Tank & Battery Support Bracket	Support du réservoir de carburant et la batterie
28	710-0607	Hex Wash HD S-Tapp Scr 5/16-18 x .50	Vis auto-taraudeuse hexagonal 5/16-18 x 0,50
29	726-3054	Nut, U-Clip 1/4-20	Écrou, pince en «U» 1/4-20
30	783-0775A	Heat Shield Style 8 w/Intek	Pare-chaleur du moteur style «8» avec Intek
31	731-04180	Dash Panel 600 Style 8 No Amp/Sw	Tableau 600 sty 8 sans amp/contacteur
32	736-3090	Flat Washer .260 x .687 x .062	Rondelle plate 0,260 x 0,0687 x 0,062
33	710-0788	Hex. Bolt 1/4-20 x 1.00	Vis à tête hex. 1/4-20 x 1,00
34	725-0201	Ignition Key	Clavette
35	725-1396	Ignition Switch	Interrupteur d'allumage
36	17782	Choke Cable Retainer Clip	Attache de la câble d'étrangleur
37	746-04020	Throttle/Choke Cable 18.5 x .63	Câble de volet de depart/commande 18,5 x 0,63
37	746-04023	Throttle/Choke Cable 35 x 2	Câble de volet de depart/commande 35,0 x 2,0
38	746-0614A	Choke Control	Étrangleur
39	17870B	Fender-Transmatic	Aile - Transmatique
39	17871C	Fender w/cut out	Aile avec encastre - Hydrostatique
40	710-0726	Hex Wash HD AB Tap Scr 5/16 x 0.75	Vis taraudée 5/16 x 0,75
41	710-0751	Hex Bolt 1/4-20 x .62 Gr. 5	Boulon hexagonale 1/4-20 x 0,62 Qual. 5
42	783-04094	Shift Cover-Hydro	Couvercle-Hydro
43	783-04050	Shift Cover 8 speed	Couvercle - 8 vitesses
44	726-0209	Tie Strap	Serre
45	751-0603	Cap-Fuel	Capuchon d'essence
46	751-0555B	Fuel Tank (1.5 Gallon)	Réservoir à carburant (1.5 gallon)
47	730-3000	Reflector	Réflecteur

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REF NO. N° DE RÉF	PART NO. N° DE PIÈCE	DESCRIPTION	DESCRIPTION
1	683-04025	Lift Handle Ass'y	Poignée de relevage
2	683-04049	List Shaft Ass'y	Arbre de relevage
3	710-0627	Hex L-Bolt 5/16-24 x .75	Boulon hex 5/16-24 x .75
4	710-0726	Hex Wash HD AB Tap Scr 5/16 x .75	Vis taraudée 5/16 x .75
5	710-0805	Hex Bolt 5/16 - 18 x 1.50" Lg. Gr. 5	Boulon hex. 5/16 - 18 x 1.50 po de lg Qual. 5
6	710-3008	Hex Bolt 5/16-18 x .75" Lg. Gr. 5	Boulon hex. 5/16-18 x .75 po de lg. Qual. 5
7	712-3004A	Hex Flange L-Nut 5/16-18	Contre-écrou à embase 5/16-18
8	716-0106	E-ring	Bague en «E»
9	720-0233	Handle Grip	Poignée
10	732-0369	Compression Spring	Ressort de compression
11	741-0487A	Plastic Flange (Not Shown)	Collet en plastique (no représenté)
12	748-04011	Lift Drive Shaft	Arbre
13	783-0355C	Hitch Plate	Plaque d'attelage
14	783-04011	Lower Frame	Bâti inférieur
15	783-04031	Upper Frame Side Panel RH	Panneau latérale supérieur-droit
16	783-04032	Upper Frame Side Panel LH	Panneau latérale supérieur-gauche
17	783-04213	Anti Sway Frame Bracket	Support de stabilisation
18	683-04048	Stabilizer Shaft Ass'y	Ensemble de arbre de stabilisation
19	710-0167	Carriage Bolt 1/4-20 x .5" LG	Boulon ordinaire 1/4-20 x .5 po de lg
20	711-04036	Ferrule 1/2-20 x .50	Virole 1/2-20 x 0,50
21	711-04075	Ferrule 3/8-24 x .37	Virole 3/8-24 x 0,37
22	712-0431	Flanged Lock Nut	Écrou de blocage
23	712-3027	Hex L-Flanged Nut	Contre-écrou à embase
24	714-04023	Cotter Pin .080 x 1.5625 Int.	Goupille fendue .80 x 1.525 interne
25	732-04050A	Extension Spring 1.09 OD x 9.52" Lg.	Ressort d'extension 1.09 DE x 9.52 po de lg.
26	736-0219	Cup. Wash. .406 ID x 1.130 OD x .03	Rondelle creuse .406 DI x 1.130 DE x .030
27	736-0267	Flat Washer	Rondelle plate
28	738-0445A	Shoulder Bolt 3/8-16 x .62	Vis à épaulement 3/8-16 x .62
29	747-04018	Deck Hanger Link	Maillon de support à tringle du tablier
30	747-04040A	Deck Belt Disengagement Rod	Tige de débrayage
31	747-04069	Deck Hanger Link	Maillon à tringle du tablier
32	747-04115A	Rear Stabilizer Rod	Tige de stabilisation arrière
33	748-04010	Lift Link	Maillon de relevage
34	761-0168B	Blade Brake Ass'y	Frein de la lame
35	783-04093	Stabilizer Deck Bracket	Support de stabilisation
36	783-04113	Deck Lift Index Bracket	Support
37	732-0722A	Brake Return Spring	Ressort du frein
38	710-0642	Thd Forming Scr. 1/4-20 x .75	Vis taraudée 1/4-20 x .75
39	736-0222	Ext. L-Washer 1/4 ID	Rondelle-frein extérieure de 1/4 de po
40	732-04097	Extension Spring .94 OD x 12.0" Lg.	Ressort d'extension .94 DE x 12.0 po de lg

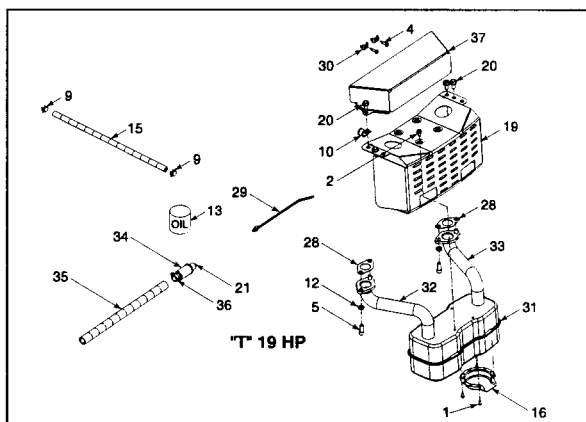
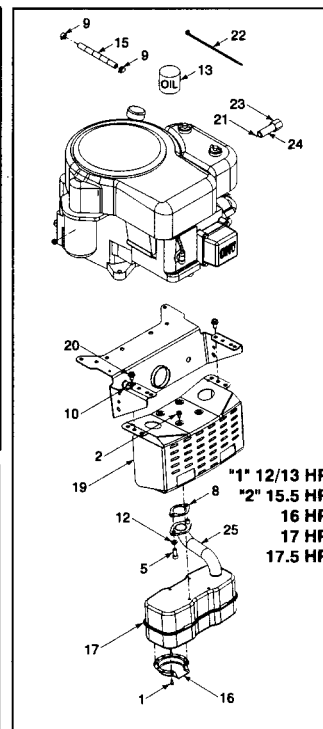
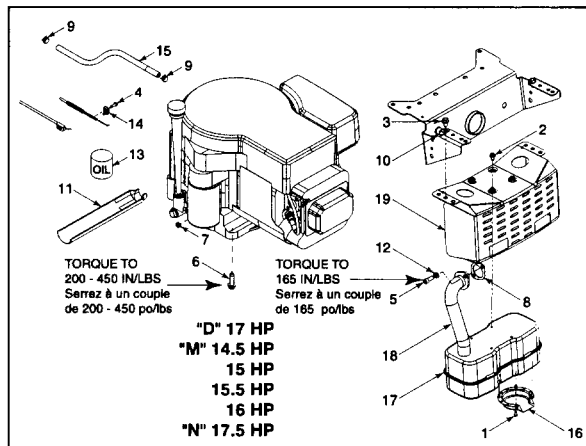
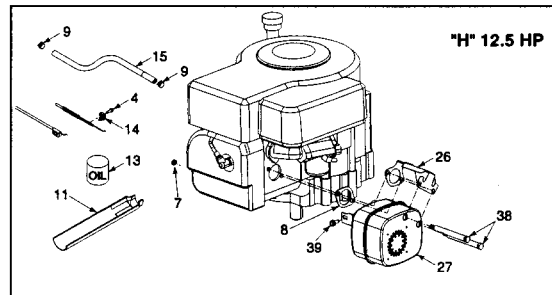
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Model/Modèle	20 x 8 x 8 Round Shoulder Epaule ronde	20 x 8 Turf Tread Square Shoulder Epaule carré
Wheel Assembly Complete Ensemble de roue-complet	734-1675-XXX	634-0104
Tire Only/Roue seulement	734-1596	734-1730
Rim Only/Jante seulement	634-0070-XXX	634-0070-XXX
Air Valve/Soupape d'air	734-0255	734-0255

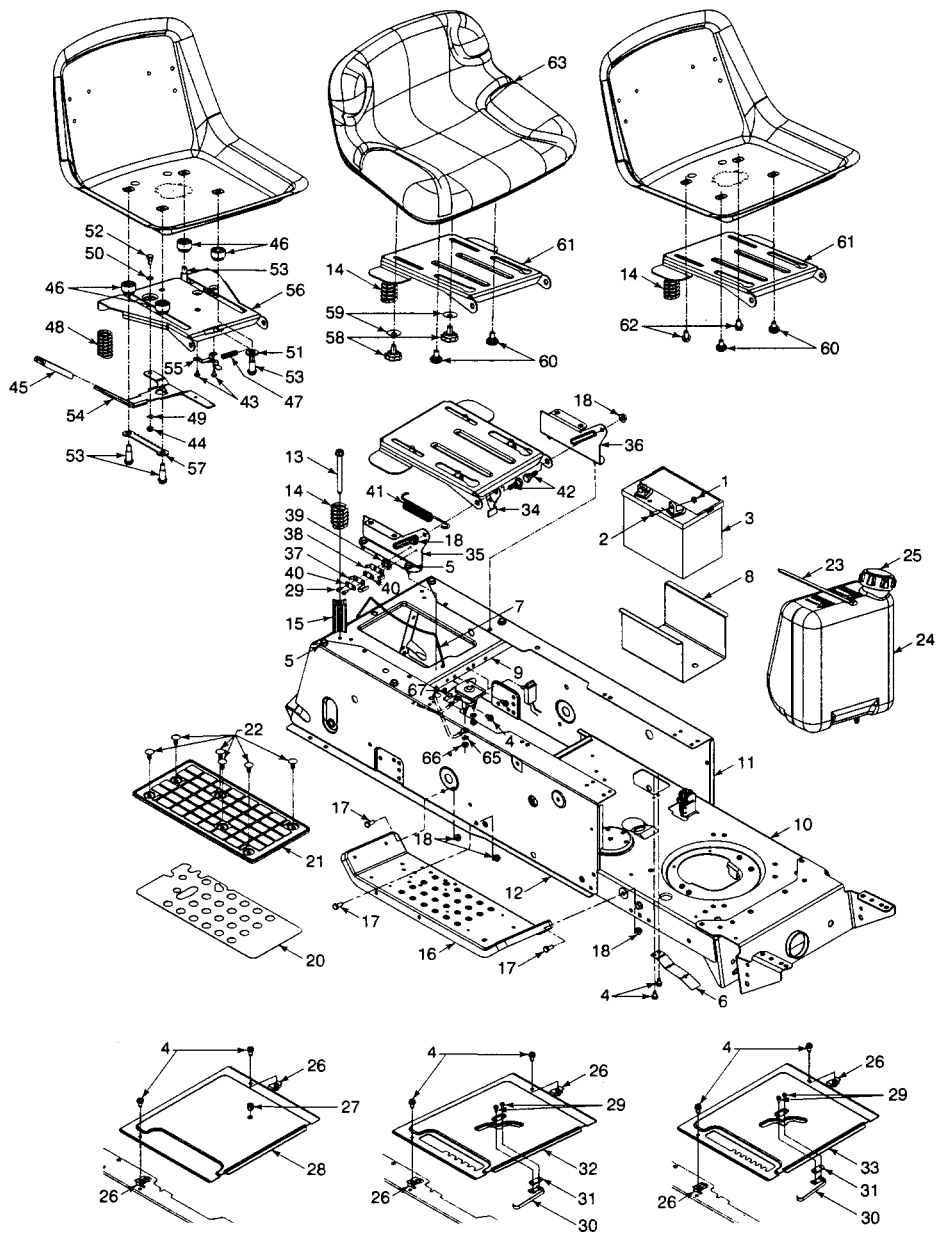
REF NO. N° DE RÉF	PART NO. N° DE PIÈCE	DESCRIPTION	DESCRIPTION
1	17630A	Shift Lever Bracket	Support de levier de changement de vitesse
2	17840	Transaxle Mtg. Brkt.	Support de montage de la tran-essieu
3	618-04034	Single Speed Transmission Assembly	Transsésieu simple vitesse
4	656-0059A	Variable Speed Pulley 4.75 OD	Poulie à vitesse variable 4,75 DE
5	683-04055	Trans. Bracket	Support de transsésieu
6	683-04056	Variable Speed Pulley Bracket	Support de poulie à vitesse variable
7	683-04057	Variable Speed Pulley Bracket	Support de poulie à vitesse variable
8	710-0514	Hex Screw 3/16 x 1,00	Vis à tête hexagonale 3/8-16 x 1,00
9	710-0606	Hex Scr 1/4-20 X 1.50	Vis à tête hexagonale 1/4-20 x 1,50
10	710-0627	Hex L-Bolt 5/16-24 x 0.75 Gr. 5	Boulon hex 5/16-24 x 0,75 Qual. 5
11	710-1260A	Hex Wash. Hd. Scr. 5/16-18 x .75 Lg.	Vis taraudée 5/16-18 x 0,75 po de lg
12	710-3015	Hex Cap Bolt 1/4-20 x .75" Lg.	Boulon 1/4-20 x 0,75 po de lg.
13	712-0431	Flanged Lock Nut 3/8-16 Gr. F	Écrou de blocage 3/8 - 16 Qual. «F»
14	712-0700	Flange Nut	Écrou
15	712-3027	Hex L-Flanged Nut	Contre-écrou à embase
16	714-0209	Cotter Pin	Goupille fendue
17	718-04012	Bearing Cup	Bague de roulement
18	718-0758	Pulley Hub Splined	Moyeu de poulie
19	736-0362	Flat Washer .22 ID X 1.25	Rondelle plate 0,22 DI x 1,25
20	738-0372B	Shoulder Spacer	Entretoise épaulée
21	741-0600	Ball Bearing 17 x 40 x 12	Roulement à billes 17 x 40 x 12
22	747-04072	Shift Rod	Tige de la boîte de vitesse
23	750-04099	Spacer .265 ID x .750 Lg. Stepped	Entretoise 0,265 DI x 0,75 po de lg.
24	754-04001	V-Belt 5L x 68.9 Lg. Poly	Courroie trapézoïdale 5L x 68,9 po de lg. poly
25	754-04002	V-Belt 5L x 31.75 Lg. Poly	Courroie trapézoïdale 5L x 31,75 po de lg. poly
26	756-04002	V-Pulley 7.25 Dia.	Poulie en «V» 7,25 Dia.
27	647-04009A	Shift Lever Assembly	Ensemble de levier de changement
28	710-0176	Hex Scr 5/16-18 x 2.75	Vis à tête hexagonale 5/16 x 2,75
29	710-0599	Hex Wash S-Tapp Scr 1/4-20 x .50	Vis taraudée 1/4-20 x 0,5
30	710-0726	Hex Wash HD AB Tap Scr 5/16 x 0.75	Vis taraudée 5/16 x 0,75
31	710-0809	Hex Bolt 1/4-20 x 1.25	Boulon hex. 1/4-20 x 1,25
32	711-04075	Ferrule 3/8-24 x 0.375	Virole 3/8 - 24 x 0,375
33	711-0736	Adjustment ferrule	Virole de réglage
34	712-3004A	Hex Flange L-Nut 5/16-18 Gr. 5	Contre-écrou à embase 5/16-18 Qual. 5
35	714-0104	Int. Cotter Pin 5/16 DIA	Goupille fendue 5/16 Dia.
36	714-0111	Cotter Pin 3/32 dia x 1.00 Lg.	Goupille fendue 3/32 Dia x 1,00 po de lg.
37	732-04029	Extension Spring .59 OD x 12.38 Lg.	Ressort d'extension 0,59 DE x 12,38 po de lg.
38	732-04067	Compression Spring Clip	Pince - ressort de compression
39	732-04075A	Extension Spring .730 OD x 12.54 Lg.	Ressort d'extension 0,730 x 12,54 po de lg.
40	732-04076	Extension Spring 1.15 OD x 8.30 Lg.	Ressort d'extension 1,15 DE x 8,30 po de lg.
41	732-0722A	Brake Return Spring	Ressort de retour de frein
42	736-0275	Flat Washer 0.34 ID x 0.68 OD x 0.062	Rondelle plate 0,34 DI x 0,68 DE x 0,062
43	747-04043	Rod-Variable Speed	Tige - vitesse variable
44	750-0566A	Spacer .260 x .375 x 1.030	Entretoise 0,260 x 0,375 x 1,030
45	720-0232	Ball Knob	Bouton
46	710-3029	Hex Bolt 7/16-20 x 1.25" Lg. Gr. 5	Vis à tête hex. 7/16-20 x 1,25 po de lg. Qual. 5
47	711-1044	Belt Guard Pin 4.75" Lg.	Protecteur de courroie - clou 4,75 po de lg.
48	736-0119	L-Wash 5/16 ID	Rondelle frein 5/16 DI
49	736-0171	Lockwasher 7/16 ID	Rondelle frein 7/16 DI
50	736-0322	Flat Washer .450 ID x 1.25 OD x 0.164	Rondelle plate 0,450 DI x 1,25 DE x 0,164
51	750-0956	Spacer 1.010 x 1.40 x .825	Entretoise 1,010 x 1,40 x 0,825
52	756-04023	Engine Pulley 3.39 x 5.56 Dia.	Poulie motrice 3,39 x 5,56 dia.
53	17860	Left Pedal Brkt.	Support de pédale - gauche
54	683-04005A	Brake Clutch Pedal Assembly	Pédale d'embrayage du frein
55	710-3008	Hex Bolt 5/16-18 x .75" Lg. Gr. 5	Boulon hex. 5/16-18 x 0,75 po de lg. Qual. 5
56	714-04023	Internal Cotter Pin .080 x 1.5625	Goupille-épingle interne 0,080 x 1,5625
57	735-0196	Foot Pad	Patin de pédale
58	750-0802	Spacer .630 ID	Entretoise 0,630 DI
59	17668A	Axle Support Brkt. RH	Support d'essieu droit
60	17669A	Axle Support Brkt. LH	Support d'essieu gauche
61	736-0242	Cup. Wash .340 ID x .872 OD x .060	Rondelle creuse 0,340 DI x 0,872 DE x 0,060
62		See chart on previous page	Voir le tableau sur la page précédente
66	618-04072	Transmatic Drive Assembly	Transmission complet
67	712-0429	Hex Ins. L-Nut 5/16-18	Contre-écrou de blocage 5/16-18

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REF NO. N° DE RÉF	PART NO. N° DE PIÈCE	DESCRIPTION	DESCRIPTION
1	710-0148	Hex Wash HD S-Tap Scr #8-32 x .38	Vis auto-taraudeuse hex. no. 8-32 x 0,38
2	710-0599	Hex Wash S-Tapp Scr 1/4-20 x .50	Vis autotaraudeuse à rondelle hex. de 1/4-20 x 0,5
3	710-0604A	Self-tapping Screw 5/16-18 x .625	Vis autotaraudeuse 5/16-18 x 0,625 po
4	710-1237	Hex Wash Hd Screw 10-32 x .625	Vis taraudée 10-32 x 0,625
5	710-1314A	Socket Hd Cap Scr 5/16-18 x .75	Vis à chapeau à tête creuse 5/16-18 x 0,75
6	710-1315	TT Screw 3/8-16 x 1.25	Vis 3/8-16 x 1,25
7	712-0271	Sems Hex Nut 1/4-20	Écrou Sems hex 1/4-20
8	721-0208	Exhaust Gasket B&S 270917	Joint B&S 270917
9	726-0205	Hose Clamp	Collier
10	726-0272	Clamp	Collier
11	731-1682A	Oil Drain Sleeve	Manchon de conduit de vidange
12	736-0119	L-Wash 5/16 ID	Rondelle frein 5/16 DI
13	737-0169	Motor Oil	Huile
14	751B213146	Clamp Casing - Throttle	Collier
15	751-0535	Fuel Line	Ligne d'essence
16	751-0564	Muffler Deflector	Défecteur de silencieux
17	751-0617	Muffler	Silencieux
18	751-0619	Pipe	Tuyau
19	783-0615B	Muffler Bracket	Support de silencieux
20	710-0726	Hex Wash HD AB Tap Scr 5/16 x 0.75	Vis taraudée 5/16 x 0,75
21	721-0331	Sealant: Pipe PST 567 Loctite	Loctite no 567
22	725-0157	Cable Tie	Attache câble
23	737-0143	Pipe Cap 3/8-18 NPT.	Capuchon de tuyau 3/8-18
24	737-0199	Pipe Nipple 3/8" x 18 x 2.0" LG.	Raccord de tuyau 3/8 po x 18 x 2,0 po de lg
25	751-0622	Exhaust Pipe-Single Tecumseh OHV	Tuyau d'échappement - seul Tec. OHV
26	751-0882	Shoulder Bracket B & S 223023	Support à épaulement B & S 223023
27	751-0880	Square Muffler B & S 490792	Silencieux carré B et S 490792
28	721-0460	Exhaust Gasket	Joint
29	726-0154	Push Mount Tie	Tige de poussoir
30	751B221535	Casing Clamp	Collier
31	751-0616	Muffler	Silencieux
32	751-0650	Exhaust Pipe - RH	Tuyau d'échappement - CD
33	751-0651	Exhaust Pipe - LH	Tuyau d'échappement - CG
34	751-3140	Oil Drain	Vidange d'huile
35	751-3141	Oil Drain Hose	Boyau
36	751-3142	Oil Drain Cap	Capuchon
37	783-0625C	Engine Heat Shield	Pare-chaleur du moteur
38	751-0881	Shld. Scr., .43 x 3.57 B & S 93927	Vis à épaulement 0,43 x 3,57 B & S 93927
39	751-0883	Hex. Scr. 1/4-20 x .63 B & S 94863	Boulon hex. 1/4-20 x 0,63 B & S 94863

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REF NO. N° DE RÉF	PART NO. N° DE PIÈCE	DESCRIPTION	DESCRIPTION
1	712-0271	Sems Hex Nut 1/4-20	Écrou Sems hex 1/4-20
2	710-3015	Hex Cap Bolt 1/4-20 x .75" Lg.	Boulon 1/4-20 x 0,75 po de lg.
3	725-1750	Battery 235 cca Wet	Batterie
3	725-1704	Battery 125 cca Wet	Batterie
4	710-0599	Hex Wash S-Tapp Scr 1/4-20 x .50	Vis taraudée 1/4-20 x 0,5
5	710-0726	Hex AB Tap Scr 5/16 x 0.75	Vis taraudée 5/16 x 0,75
6	732-0750A	Switch Sprint Actuator	Interrupteur de ressort
7	747-04031	Battery Retainer Rod	Tige de reten - batterie
8	783-0345	Battery Tray	Plateau de la batterie
9	783-0355C	Hitch Plate	Plaque d'attelage
10	783-04011	Lower Frame 600 series	Bâti inférieur series 600
11	783-04031	Side Panel Upper Frame LH	Panneau latérale bâti supérieur CG
12	783-04032	Side Panel Upper Frame RH	Panneau latérale bâti supérieur CD
13	710-1208	Hex Wash Scr .312-18 x 3.25 Tap.	Vis taraudée 0,312-18 x 3,25
14	732-04038	Comp. Spring 1.314 OD x 1.80 Lg.	Ressort de compression 1,314 DE x 1,80 po de lg
15	748-0347A	Spring Spacer	Entretoise de ressort
16	17770G	Running Board	Support du marche pied
17	710-3008	Hex Bolt 5/16-18 x .75" Lg. Gr. 5	Boulon hex. 5/16-18 x 0,75 po de lg.
18	712-3004A	Hex Flange L-Nut 5/16-18 Gr. 5	Contre-écrou à embase 5/16-18 Qual. 5
19	783-04139	Running Board LH	Marche-pied CG
20	723-0422C	Abrasive Foot Pad RH	Patin de pied - abrasif CD
20	723-04012	Foot Pad LH	Patin de pied CG
21	735-0689A	Foot Pad RH	Patin de pied CD
21	735-04009	Foot Pad LH	Patin de pied CG
22	726-3046	Foot Pad Clips (Not Shown)	Attaches de pédale (non représentées)
23	726-0209	Tie Strap	Serre
24	751-0555B	Fuel Tank (1.5 Gallon)	Réservoir à carburant (1.5 gallon)
25	751-0603	Cap-Fuel	Capuchon d'essence
26	726-3054	Nut, U-Clip 1/4-20	Écrou, pince en «U» 1/4-20
27	731-0405	Snap Bushing	Bague
28	783-04094	Shift Cover-Hydro	Couvercle-Hydro
29	710-0227	Hex AB S-Tapp Scr #8-0.50	Vis taraudée no. 8 x 0,50
30	725-1643	Spring Lever	Levier de ressort
31	726-0320	Insulator Nut Plate	Plaque de l'isolateur
32	783-04060	Shift Cover 6 Speed	Couvercle - 6 vitesses
33	783-04050	Shift Cover 8 speed	Couvercle - 8 vitesses
34	17239A	Seat Lift Bracket	Support de siège
35	17950A	Seat Pivot Bracket Support RH	Support de pivot du siège - CD
36	17951A	Seat Pivot Bracket Support LH	Support de pivot du siège - CG
37	725-1303	Spring Switch	Contacteur ressort
38	725-1439	Seat Spring Switch	Contacteur ressort
39	726-0278	Insulator Plate	Plaque de l'isolateur
40	726-0279	Insulator Plate	Plaque de l'isolateur
41	732-0581B	Extension Spring	Ressort d'extension
42	738-0296	Shoulder Bolt .437 Dia. x .268	Vis épaulée 0,437 dia. x 0,268
43	710-1268	Hex B-Tapp Scr #10-16 x .38	Vis taraudeuse No 10-16 x 0,38
44	712-3027	Hex L-Flanged Nut	Contre-écrou à embase

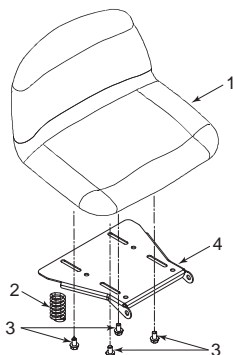
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**This replaces page 46 in your owner's manual/
Cette page remplace la page 46 dans votre manuel.**

REF NO. N° DE RÉF	PART NO. N° DE PIÈCE	DESCRIPTION	DESCRIPTION
45	720-04026	Grip-Side Seat Adjuster	Poignée - réglage du siège
46	731-04074	Spacer	Rondelle d'espacement
47	732-0499	Compression Spring 1.5" Lg	Ressort de compression 1,50 po de lg
48	732-0735	Compression Spring 2.3" Lg.	Ressort de compression 2,30 po de lg
49	736-0175	Wave Spring Washer .27 ID x .51 OD x .03	Rondelle à ressort 0,27 DI x 0,51 DE x 0,030
50	736-0204	Flat Wash .34 ID x .62 OD x .03	Rondelle plate 0,34 DI x 0,62 DE x 0,03
51	736-3019	Flat Washer .531 ID x 1.0 OD	Rondelle plate 0,531 DI x 1,0 DE
52	738-0137A	Shlder Scr .340 x .285: 1/4-20	Vis à épaulement 0,340 x 0,285, 1/4-20
53	738-0966	Shlder Scr, .50 x .925, 3/8-16	Vis à épaulement, 0,50 x 0,925, 3/8-16
54	783-04246	Lever-Seat Adjustment RT-99	Levier - réglage du siège RT-99
55	783-0611	Seat Stop	Arrêt siège
56	783-0738A	Seat Pivot Bracket	Support de pivotement du siège
57	783-0753	Seat Adjustment Selector	Selecteur de réglage du siège
58	720-04009	Knob, 3/8-16 x .625	Poignée, 3/8-16 x 0,625
59	736-0219	Cupped Washer .406 ID x 1.130 OD x .03	Rondelle creuse 0,406 DI x 1,130 DE x 0,030
60	738-04012	Shlder Spacer .625 x .175, 3/8-16	Entretoise épaulée 0,625 x 0,175, 3/8-16
61	783-04081	Seat Pivot Bracket	Support du pivotment du siège
62	710-0870	Hex Tap Scr. 3/8-16 x .62	Vis taraudée 3/8-16 x 0,62 po de lg
63	757-04001	Seat 9.3" High, Low Back-Blk	Siège 9,30 po haut, dos bas - noir
63	757-04002	Seat 11.58" High, Med Back-Blk	Siège 11,58 po haut, dos moyen - noir
63	757-04003	Seat 15.279" High, High Back-Blk	Siège 15,279 po haut, dos haut - noir
63	757-04014	Seat 2400 Med Back 11.578" High	Siège 2400 dos moyen 11,578 po haut
64	712-0429	Hex Ins. L-Nut 5/16-18	Contre-écrou de blocage 5/16-18
65	736-0329	L-Wash 1/4 ID	Rondelle frein 1/4 DI
66	712-3006	Hex Nut 1/4-20 Gr."B"	Écrou hex. 1/4-20 Qual. "B"
67	736-0222	Ext. L-Washer 1/4 ID	Rondelle - frein extérieure de 1/4 de po

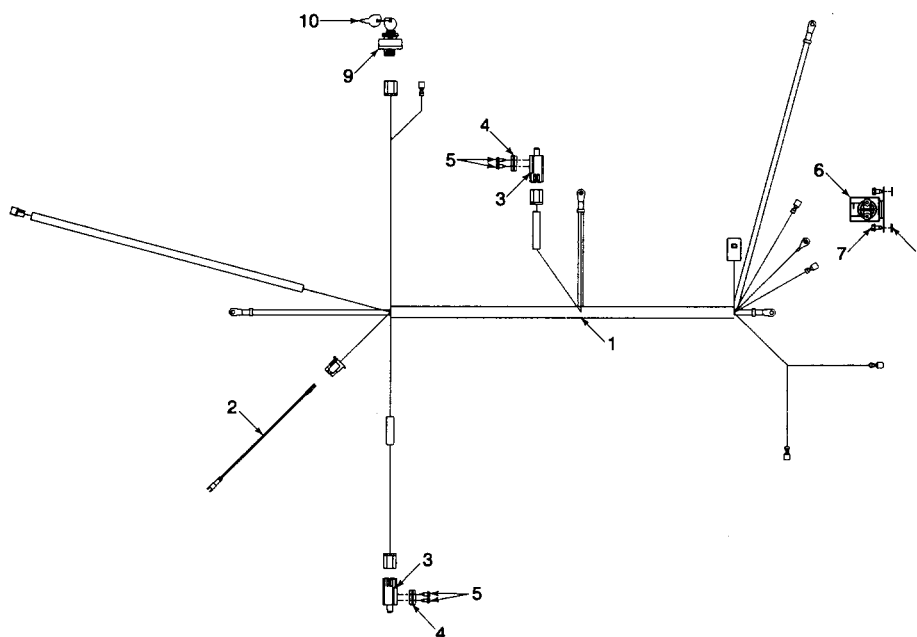
13A-6014
1.30.03

**For models with flat bottom seats/
Pour modèles à siège à base plate seulement.**



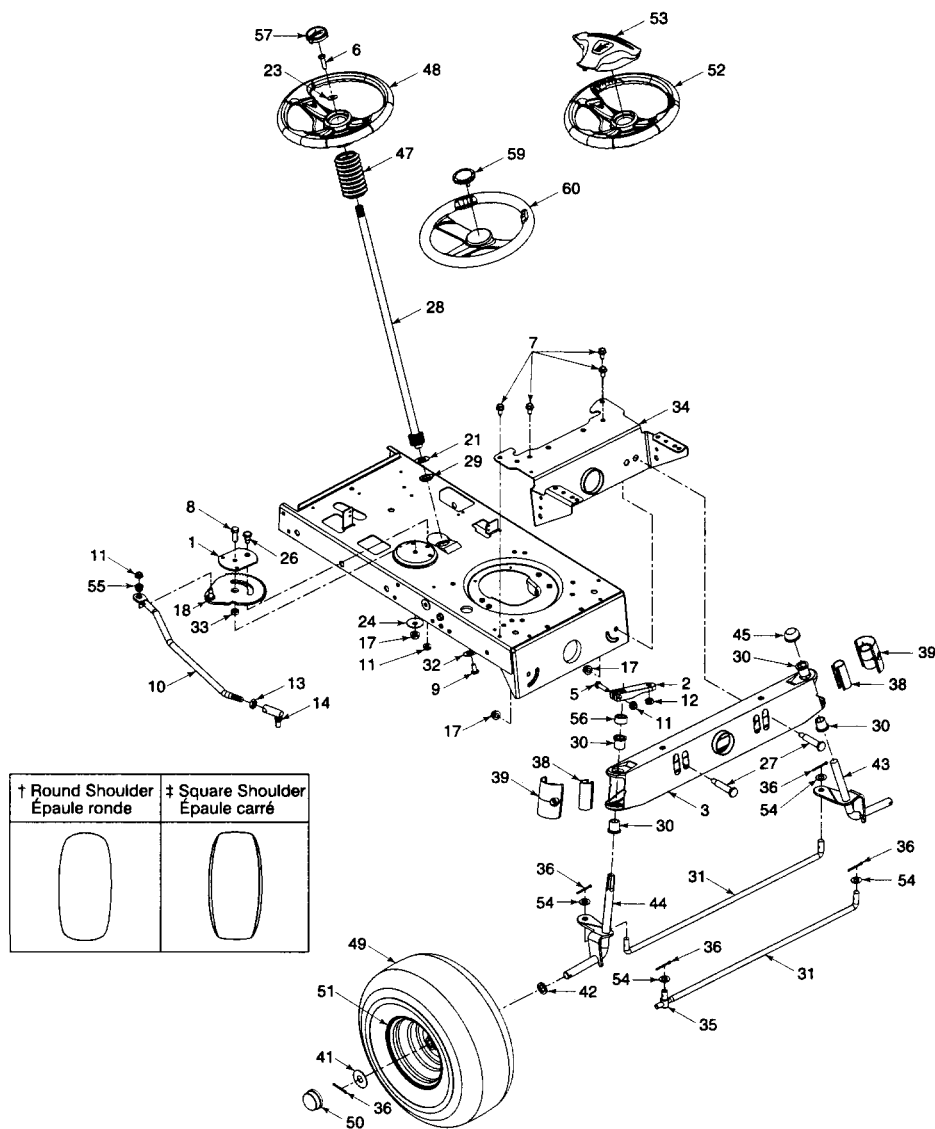
REF NO. N° DE RÉF	PART NO. N° DE PIÈCE	DESCRIPTION
1	757-0363A	Seat (w/flat bottom) Siège (avec base plate)
2	732-0735	Spring Ressort
3	710-0870	Hex Hd. Wash. Scr. 3/8-16: .625 Gr. 5 Vis taraudée 3/8-16: 0,625 Qual. 5
4	783-0039A	Pivot Bracket Support

OGRM-603A
2.11.03



REF NO. N° DE RÉF	PART NO. N° DE PIÈCE	DESCRIPTION	DESCRIPTION
1	629-04015	Wire Harness 600 w/o LT SW/AMP	Faisceau de fil 600 sans cont. d'allumage/amp.
2	629-0207	Harness Adaptor	Adaptateur
3	725-04039	Interlock Switch	Contacteur
4	17962	Switch Plate	Plaque de contacteur
5	710-0224	Hex AB-Tap Scr #10 x .50" Lg.	Vis hexagonale taraudée no. 10 x 0,50 po de lg
6	725-1426	Solenoid	Solénoïde
7	710-0599	Hex Wash S-Tapp Scr 1/4-20 x .50	Vis autotaraudeuse à rondelle hex. de 1/4-20 x 0,5
8	736-0222	Ext. L-Washer 1/4 ID	Rondelle - frein extérieure de 1/4 de po
9	725-1396	Ignition Switch	Interrupteur d'allumage
10	725-0201	Ignition Key	Clavette

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1.30.03

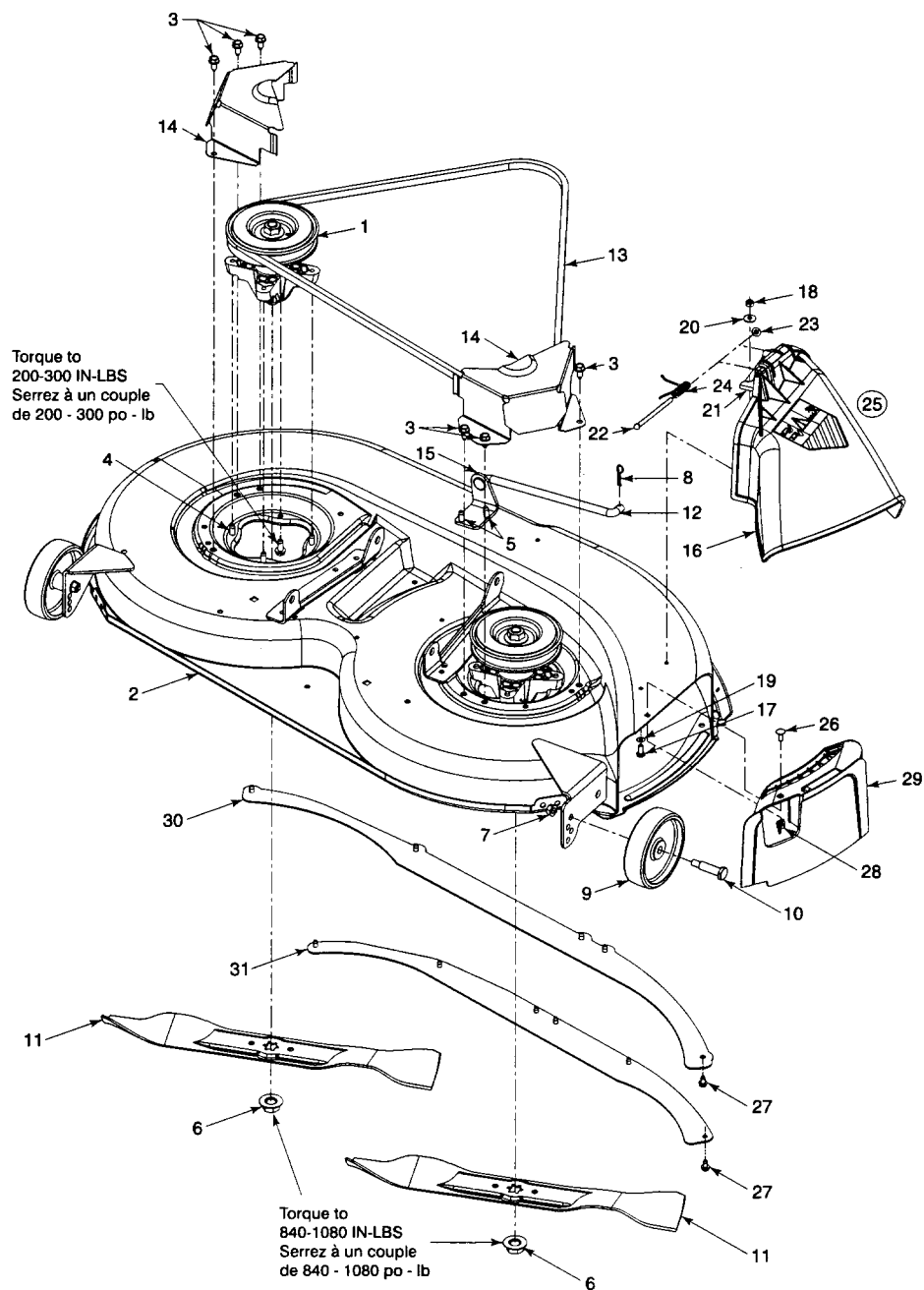


Model/Modèle	15 x 6 x 6 (†) w/plastic Brg. avec collet en plastique)	15 x 6 (‡) w/plastic Brg. avec collet en plastique)	15 x 6 (‡) w/ball Brg. avec roulement à billes
Wheel Assembly Complete Ensemble de roue-complet	634-0056A-XXX	634-0105A-XXX	634-0115-XXX
Tire Only/Roue seulement	734-0864	734-1731	734-1731
Rim Only/Jante seulement	634-0172	634-0172	634-0051
Air Valve/Soupape d'air	734-0255	734-0255	734-0255
Ball Brg/Roulement à billes	741-0487A	741-0487A	737-0280
Plastic Brg/Collet en plastique	741-0706	741-0706	

REF NO. N° DE RÉF	PART NO. N° DE PIÈCE	DESCRIPTION	DESCRIPTION
1	17198A	Retainer Plate - Gear Segment	Plaque de retenue
2	748-04014A	Steering Arm	Bras de direction
3	683-0002A	Pivot Bar Ass'y (steel)	Barre de pivotement (acier)
5	710-0805	Hex Screw 5/16-18 x 1.5 Gr. 5	Vis à tête hex 5/16-18 x 1,5 Qual. 5
6	710-0643	Hex Screw 5/16-18 x 1.00 Gr. 5	Vis à tête hexagonale 5/16-18 x 1,00 Qual. 5
7	710-0726	Hex Wash HD AB Tap Scr 5/16 x .75	Vis taraudée 5/16 x 0,75
8	710-0514	Hex Screw 3/8-16 x 1.0" Lg. Gr. 5	Vis à tête hex 3/8-16 x 1,0" Lg. Qual. 5
9	710-1309	Hex Patch Bolt 5/16-18 x .62	Boulon hex. 5/16-18 x 0,62
10	741-1268A	Steering Drag Link	Barre de direction
11	712-3004A	Hex Flanged. L-Nut 5/16-18 Gr. 5	Contre écrou à embase 5/16-18 Qual. 5
12	712-0262	Hex Cent L-Nut 3/8-24 Gr. B	Contre écrou de blocage 3/8-24 Qual. B
13	712-0240	Hex Jam Nut 7/16-20 Gr. 2	Contre-écrou hexagonal 7/16-20 Qual. 2
17	712-0431	Flanged Lock Nut 3/8-16 Gr. F	Écrou de blocage 3/8-16 Qual. F
18	717-1757	Steering Gear Segment	Secteur de direction
19	723-0448A	Ball Joint, 7/16 - 20	Joint à rotule de 7/16 - 20
21	736-0187	Flat Washer .640 ID x 1.24 OD x .06	Rondelle plate 0,640 DI x 1,24 DE x 0,06
23	736-0242	Cupped Wash. .340 ID x .72 OD x .06	Rondelle creuse .0,340 DI x 0,72 DE x 0,060
24	736-0356	Cupped Wash. .38 ID x 1.38 OD x .06	Rondelle creuse 0,38 DI x 1,38 DE x 0,06
26	738-0141	Shoulder Bolt .437 Dia. x .350	Boulon à épaulement dia 0,437 X 0,350
27	738-0527	Shoulder Bolt .498 DIA. x 2.04	Vis à épaulée 0,498 DIA x 2,04
28	738-0919	Steering Shaft	Arbre de direction
29	741-0656	Hex Flange Bearing, 5/8	Palier à collet hex. de 5/8 po
30	741-0487A	Flange Bearing, .632 ID x 1.0" Lg.	Palier à collet, 0,632 po de D.I. x 1,0 po de lg
31	747-04008	Tie Rod (non adjustable)	Barre d'accouplement (non réglable)
	747-04057	Tie Rod (adjustable)	Barre d'accouplement (réglable)
32	748-0389	Cap	Capuchon
33	750-0535	Spacer .380 ID x .625 OD x .227	Entretoise 0,380 DI x 0,625 DE x 0,227
34	783-0041C	Pivot Bar Bracket	Support de barre de pivot
35	711-04059	Ferrule 3/8-24 x .437 dia.	Virole 3/8-24 x 0,437 diam.
36	714-0470	Cotter Pin 1/8" Dia x 1.25	Goupille fendue 1/8 Dia x 1,25
38	731-04057A	Axle Cap	Capuchon d'essieu
39	731-04058	Pivot Bar End Cap	Capuchon d'extrémité de la barre pivotement
41	736-0285	Flat Washer .640 ID x 1.62 OD x .062	Rondelle plate 0,640 DI x 1,62 DE x 0,062
42	736-0162	Flat Washer .635 ID x 1.00 OD x .120	Rondelle plate 0,635 DI x 1,00 DE x 0,120
	736-0336	Flat Washer .440 ID x 1.12 OD x .125	Rondelle plate 0,440 DI x 1,12 DE x 0,125
43	683-04015	Front Axle Ass'y LH Short	Ensemble d'essieu avant - CG
44	683-04016	Front Axle Ass'y RH Short	Ensemble d'essieu avant - CD
45	726-0214	Push Cap 5/8" Dia Rod	Chapeau à enfoncer dia 5/8 po
47	731-0954	Steering Bellow	Soufflet de colonne de direction
48	631-04028	Steering Wheel (3 spoke)	Volant (3 rayons)
49		See chart on previous page	Voir la tableau sur la page précédente
50	731-0484A	Plastic Hub Cap	Moyeu de roue - plastique
51		See chart on previous page	Voir la tableau sur la page précédente
52	631-04008	Steering Wheel 3 spoke "Soft Grip"	Volant (3 rayons) «Soft Grip»
53	731-04065	Steering Wheel Cover w/icon	Couvercle
54	736-0226	Flat Washer .474 ID x .879 OD x .06	Rondelle plate 0,474 DI x 0,879 DE x 0,06
55	741-0475	Plastic Bushing .38 ID	Manchon en plastique 0,38 DI
56	748-04020	Spacer 1.0 OD x .645 ID x .56" Lg.	Entretoise 1,0 DE x 0,645 DI x 0,56 po de lg
57	731-04040	Steering Wheel Cap w/icon	Capuchon
58	710-0627	Hex L-Bolt 5/16-24 x .750 Gr. 5	Boulon hex. 5/16-24 x 0,75 po de lg
59	731-02625	Steering Wheel Cap	Capuchon
60	731-2624	Steering Wheel Soft Grip 3 spoke	Volant 3 rayons «soft grip»

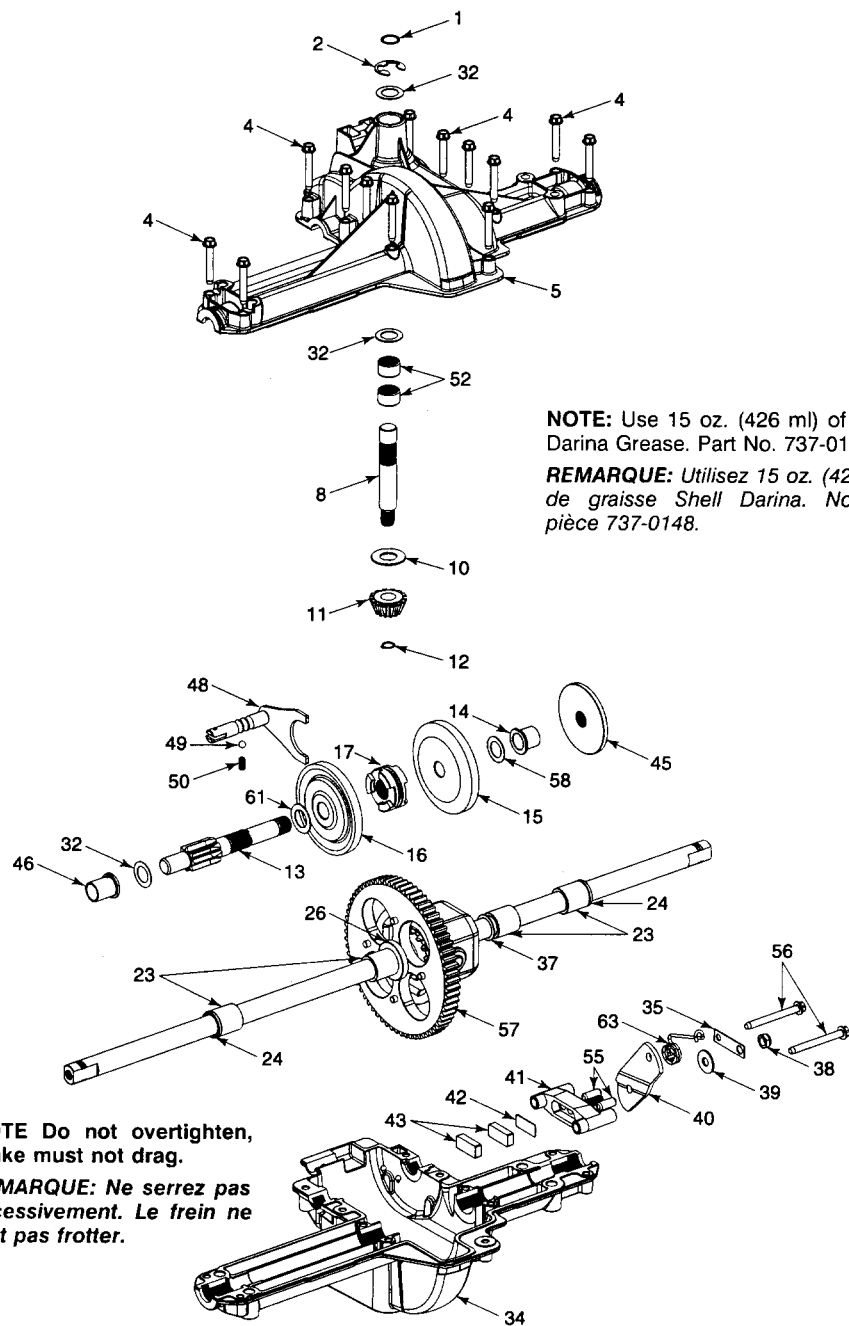
133-6006
1.30.03

Deck/Tablier "F" (38) and "G" (42")
Side Discharge Deck/Tablier à éjection latérale



REF NO. N° DE RÉF	PART NO. N° DE PIÈCE	DESCRIPTION	DESCRIPTION
1	618-0142A	Spindle Pulley Assembly 5.75 Dia.	Ensemble de fusée de lame 5,75 dia.
1	618-0138A	Spindle Pulley Assembly 5.0 Dia.	Ensemble de fusée de lame 5,0 dia.
2	683-04035A	42" Deck Ass'y 600 w/Wheels	Plateau de coupe de 42 po 600 avec roues
2	683-04003A	38" Deck 600 w/o Wheels	Plateau de coupe de 38 po 600 sans roues
3	710-0726	Hex Wash HD AB Tap Scr 5/16 x 0.75	Vis taraudée 5/16 x 0,75
4	710-1260A	Hex Wash. Hd. Scr. 5/16-18 x .75 Lg.	Vis taraudée 5/16-18 x 0,75 po de lg
5	710-1611B	Screw 5/16-18 x .75	Vis 5/16-18 x ,75
6	712-0417A	Hex Flange Nut 5/8-18	Écrou à embase 5/8-18
7	712-0431	Flanged Lock Nut 3/8-16 Gr. F	Écrou de blocage 3/8 - 16 Qual. F
8	714-04023	Internal Cotter Pin .080 x 1.5625	Goupille-épingle interne 0,080 x 1,5625
9	734-0973	Wheel Ass'y - Deck 5"x 1.38"	Ensemble de roue 5,0 x 1,38 po
10	738-0373	Shoulder Bolt .498 Dia x 1.53 x 3/8-16	Boulon à épaulement dia 0,498 x 1,53 x 3/8-16
11	742-0616A	3 in 1 Blade 21.23" Lg.	Lame "3 in 1" 21,23 po de lg.
11	742-0610A	3 in 1 Blade 19.38" Lg.	Lame "3 in 1" 19,38 po de lg.
12	747-04018	Deck Hanger Link	Tringle du plateau de coupe
13	754-0371A	V-Belt "B" x 74.04	Courroie trapézoïdale "B" x 74,04
13	754-0329A	Molded 5L V-Belt .656 x 69.2	Courroie trapézoïdale 0,656 x 69,2
14	783-04149A	Belt Cover 5.50 Dia	Couvercle de courroie 5,50 dia.
14	783-04148	Belt Cover 5.0 Dia.	Couvercle de courroie 5,0 dia.
15	783-04211	Stabilizer Bracket 38" and 42" Decks	Supp. de stabilisateur, plat. de coupe 38 et 42 po
16	731-2541A	Chute Deflector	Défecteur
17	710-0751	Hex Bolt 1/4-20 x .62 Gr. 5	Boulon hex. 1/4-20 x 0,62 Qual. 5
18	712-3006	Hex Nut 1/4-20 Gr."B"	Écrou hex. 1/4-20 Qual. "B"
19	726-0233	Bolt Retainer 1/4" x .50" OD	Boulon de retenue 1/4 x 0,50 DE (po)
20	736-0270	Cupped Wash. .265 ID x .75 OD x .062	Rondelle creuse 0,265 DI x 0,75 DE x 0,062
21	703-1693A	Hinge Mounting Brkt	Support de montage
22	711-0792	Hinge Pin .25 DIA. x 6.75	Axe d'articulation 0,25 dia. x 6,75
23	726-0106	Push Cap	Coiffe
24	732-0602A	Torsion Spring	Ressort de torsion
25	631-0216	Chute Assemly	Défecteur complet
26	710-0134	Carriage Bolt 1/4-20 x .62	Boulon ordinaire 1/4-20 x 0,62
27	710-0599	Hex Wash S-Tapp Scr 1/4-20 x .50	Vis autotaraudeuse à rondelle hex. de 1/4-20 x 0,5
28	712-3087	Wing Nut 1/4-20 Thd.	Écrou à oreilles
29	731-2363	Mulching Plug	Bouchon de dechiquetage
30	783-1146A	Deck Skirt 42" Deck	Jupe du plateau de coupe de 42 po
31	783-1297	Deck Skirt 38" Deck	Jupe du plateau de coupe de 38 po

133-3842
1.3.03



NOTE: Use 15 oz. (426 ml) of Shell Darina Grease. Part No. 737-0148.

REMARQUE: Utilisez 15 oz. (426 ml) de graisse Shell Darina. No. de pièce 737-0148.

NOTE Do not overtighten, brake must not drag.

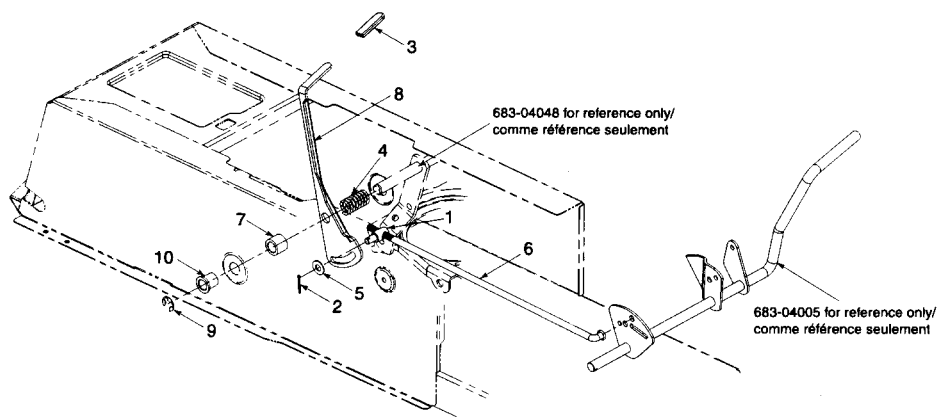
REMARQUE: Ne serrez pas excessivement. Le frein ne doit pas frotter.

**SINGLE SPEED TRANSAXLE
MODEL 618-04034
TRANSESSIEU À UNE VITESSE
MODÈLE 618-04034**

REF NO. N° DE RÉF	PART NO. N° DE PIÈCE	DESCRIPTION	DESCRIPTION
1	732-0614	Wire Ring	Bague
2	716-0231	E- Ring	Bague en «E»
4	710-1325	Hex TT Scr. 1/4-20 x 2.37 Gr. 5	Vis taraudée 1/4-20 x 2.37 Qual. 5
5	719-04017	Upper Housing	Carter supérieur
8	711-1109	Input Shaft	Arbre d'entrée
10	736-0335	Thrust Washer 5/8 ID x 1.25 OD	Rondelle de butée 5/8 DI x 1,25 DE
11	717-1464	Pinion Input 14 Teeth	Entrée à pignon - 14 dents
12	716-0108	Retaining Ring	Jonc d'arrêt pour arbre
13	711-04053	Drive Shaft - RH Brake	Arbre d'entraînement - frein droit
14	741-0336	Flange Bearing 5/8 x 3/4	Roulement à bride de 5/8 x 3/4
15	717-1362	Bevel Gear 42 Teeth Small ID	Pignon conique - 42 dents petit
16	717-1363	Bevel Gear 42 Teeth Large ID	Pignon conique - 42 dents grande
17	718-0228	Clutch Collar	Collier d'embrayage
23	741-0340	Sleeve Bearing 3/4 ID x 1.0	Palier à douille 3/4 DI x 1,0
24	721-0338	Oil Seal .750 x 1.00 x .125	Joint d'étanchéité d'huile 0,750 x 1,00 x 0,125
26	750-0767	Axle Spacer	Cale d'essieu
32	*	Flat Washer (See Below)	Rondelle plate (voir plus bas)
34	719-04018	Lower Housing	Carter inférieur
35	718-0150	Anit-Rotation Bracket	Support
37	**	Flat Washer (See Below)	Rondelle plate (voir plus bas)
38	712-0273	Hex Nut 5/16-24	Écrou hex. 5/16-24
39	736-0371	Flat Washer .343 ID x .88 OD x .062	Rondelle plate 0,343 DI x 0,88 DE x 0,062
40	717-0700	Actuating Arm - RH	Tige d'attaque-droit
41	761-0198A	Brake Yoke	Fourche de freinage
42	717-0682	Puck Plate	Plaque à galet
43	717-0678	Brake Puck	Galet de frein
45	761-0202	Brake Disc	Disque de frein
46	741-0337	Flange Bearing 5/8 x 15/16	Roulement à bride de 5/8 x 15/16
48	611-0011	Shift Fork Ass'y	Fourchette de changement de vitesse
49	741-0862	Ball Detent .250 DIA	Bille de verrouillage 0,250 diam
50	732-0863	Spring Detent	Ressort de verrouillage
52	741-0335	Needle Bearing 5/8 ID x 1/2	Roulement à aiguilles 5/8 DI x 1/2
55	741-0343	Actuating Pin 5/16 dia	Goupille d'attaque de 5/16 po de dia.
56	710-1206	Hex Wash Hd. Self-Tap Scr. 1/4-20	Vis taraudée 1/4-20
57	618-04041	Differential Ass'y Complete	Ensemble de différentiel complet
58	***	Flat Washer (See Below)	Rondelle plate (voir plus bas)
61	736-0519	Thrust Washer	Rondelle de butée
63	732-0742	RH Brake Spring	Ressort du frein droite
	737-0148	Grease	Graisneur

618-04034
1.30.03

*32	736-0349	Flat Washer 5/8 ID x 1.0 x .020	Rondelle plate 5/8 DI x 1,0 x 0,020
	736-0495	Thrust Wash. 5/8" ID x 1.0" OD x .025	Rondelle de butée 5/8 DI x 1,0 OD x 0,025
	736-0494	Thrust Washer 5/8" ID x 1" OD x .035	Rondelle de butée 5/8 DI x 1,0 DE x 0,035
	736-0337	Flat Washer 5/8 ID x 1.0 OD x .040	Rondelle plate 5/8 DI x 1,0 DE x 0,040
	736-0336	Flat Washer 5/8 ID X 1.0 OD X.030	Rondelle plate 5/8 DI x 1,0 DE x 0,030
**37	736-0351	Flat Washer .760 ID x 1.50 OD x .030	Rondelle plate 0,760 DI x 1,50 DE x 0,030
	736-0445	Flat Washer .760 ID x 1.50 OD x .060	Rondelle plate 0,760 DI x 1,50 DE x 0,060
	736-0492	Flat Washer .760 ID x 1.50 OD x .010	Rondelle plate 0,760 DI x 1,50 DE x 0,010
	736-0493	Flat Washer .760 ID x 1.50 OD x .020	Rondelle plate 0,760 DI x 1,50 DE x 0,020
***58	736-0495	Thrust Wash. 5/8" ID x 1.0" OD x .025	Rondelle de butée 5/8 DI x 1,0 OD x 0,025
	736-0494	Thrust Washer 5/8" ID x 1" OD x .035	Rondelle de butée 5/8 DI x 1,0 DE x 0,035
	736-0336	Flat Washer 5/8 ID x 1.0 OD x.030	Rondelle plate 5/8 DI x 1.0 DE x .030



REF NO. N° DE RÉF	PART NO. N° DE PIÈCE	DESCRIPTION	DESCRIPTION
1	711-04075	Ferrule	Virole
2	714-0111	Cotter Pin 3/32 dia x 1.00 Lg.	Goupille fendue 3/32 Dia x 1,00 po de lg.
3	720-04008	Grip	Poignée
4	732-04017	Comp.Spring .89 OD x 1.75	Ressort de compression 0,89 DE x 1,75
5	736-0300	Flat Washer .406 ID x .875 OD .089	Rondelle plate 0,406 DI x 0,875 DE x 089
6	747-04039	Control Speed Rod	Tige de contrôle de la vitesses
7	750-04080	Spacer	Entretoise
8	783-04059	Speed Selector Lever	Levier du selecteur de la vitesse
9	716-0106	E-ring .625 diam shaft	Bague en «E»
10	741-0487A	Fl. Bearing .632 ID x 1.0	Roulement 0,632 DI x 1,0

136-6016
1.17.03

notes . . .