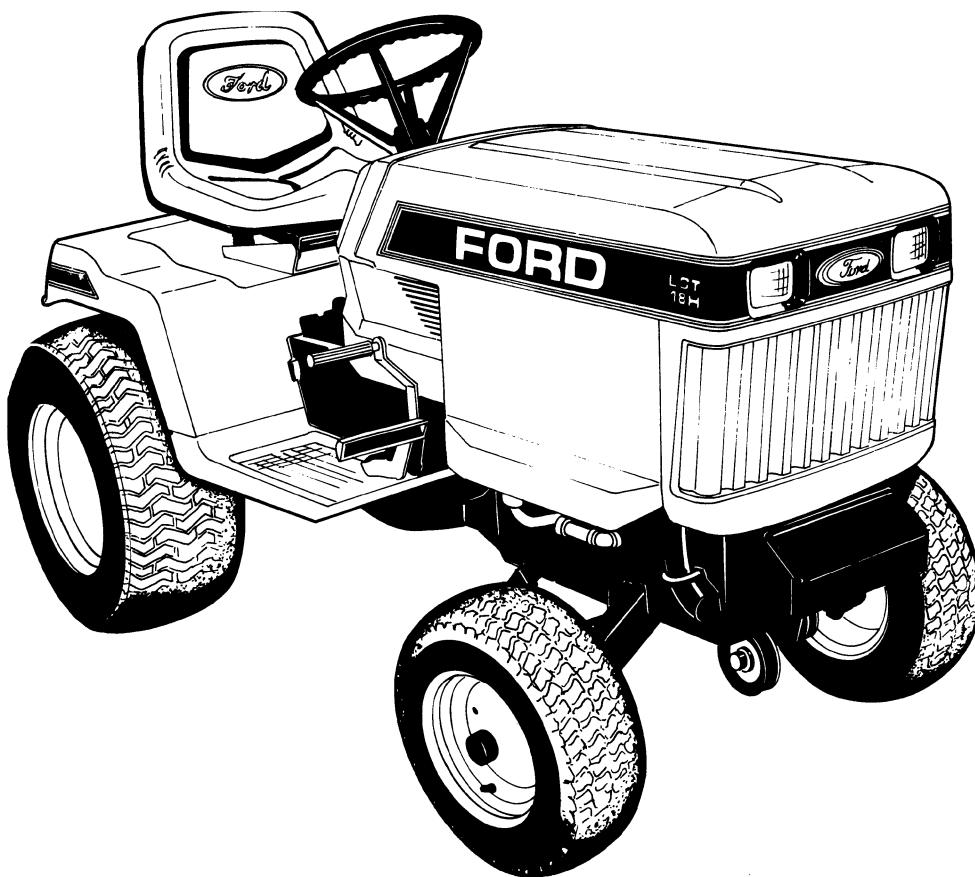


FORD LGT 14H & LGT 18H Garden Tractors

Models 9607434 and 9607435

42641420



OPERATOR'S MANUAL

Reprinted

INTRODUCTION

This operator's manual has been prepared to provide the information you need to correctly assemble, operate and maintain your unit. Read it carefully and keep it for future reference. Should you ever need repair parts or service, contact your authorized parts and service dealer.

Be sure safety precautions are observed. Read and follow all safety and operating instructions in this operator's manual.

Any references made in this manual concerning the right- or left-hand sides are determined with the operator facing forward in the operating position.

The replacement of any part on this product by other than the manufacturer's authorized replacement part may adversely affect the performance, durability or safety of this product.

The manufacturer reserves the right to make changes on, or add improvements to its product at any time without prior notice or obligation. The manufacturer also reserves the right to decide, upon its discretion and at any time, to discontinue a product.

NOTICE: A decal with the product model number and serial number of your unit is on the left side of the tractor frame/engine base assembly. Record these numbers in the space provided below. Engine model, type and code numbers located on the engine blower housing, cylinder head shield or backplate.

Product Model No. _____

Product Serial No. _____

Engine Model No. _____

Engine Type No. _____

Engine Code No. _____

Dealer Purchased From _____

Date Purchased _____

Dealer Address _____

Dealer Telephone No. _____



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IMPORTANT: If decals are missing, illegible, or damaged, they should be replaced.

Notice to Customers in the State of California-The engine on this unit is **NOT** equipped with a spark arresting muffler.

IMPORTANT

USE OR OPERATION OF THIS ENGINE ON ANY FOREST COVERED, BRUSH COVERED, OR GRASS COVERED LAND WITHOUT A STATE APPROVED SPARK ARRESTER IN EFFECTIVE WORKING ORDER BY THE OPERATOR CONSTITUTES A VIOLATION OF THE LAW OF THE STATE OF CALIFORNIA, OTHER STATES MAY HAVE SIMILAR LAWS. FEDERAL LAWS APPLY ON FEDERAL LANDS.

1 SAFETY PRECAUTIONS

THE FOLLOWING PRECAUTIONS ARE SUGGESTED TO HELP PREVENT ACCIDENTS.

A CAREFUL OPERATOR IS THE BEST OPERATOR. MOST ACCIDENTS CAN BE AVOIDED BY OBSERVING CERTAIN PRECAUTIONS. READ AND TAKE THE FOLLOWING PRECAUTIONS BEFORE OPERATING THIS TRACTOR TO HELP PREVENT ACCIDENTS. EQUIPMENT SHOULD BE OPERATED ONLY BY THOSE WHO ARE RESPONSIBLE AND INSTRUCTED TO DO SO.

THE TRACTOR

- Know the controls and how to stop quickly. READ THIS OPERATOR'S MANUAL and instructions furnished with attachments.
- **DO NOT** modify or alter or permit anyone else to modify or alter this tractor or any of its components or any tractor function.
- **DO NOT ALLOW CHILDREN TO OPERATE THE VEHICLE. DO NOT** allow adults to operate it without proper instruction.
- **DO NOT CARRY PASSENGERS. DO NOT** mow when children and others are around. There is no safe place for extra riders.
- Keep all shields in place.
- Replace safety and warning decals when they become illegible.

FUEL USAGE SAFETY

- Handle gasoline with care. It is highly flammable. Only use approved gasoline container.
- **DO NOT** attempt to fill gas tank from fuel container unless the container spout or funnel fits inside the fuel tank filler neck. The use of too large a spout or funnel, or no funnel, may result in spilled gasoline, creating highly flammable gas vapors. This could result in fire and/or explosion, causing severe bodily injury. Never fill the gas tank indoors.
- **NEVER** take the cap off or refuel when the engine is running or hot, allow engine to cool for several minutes before refueling.
- **DON'T SMOKE WHILE REFUELING OR ANYWHERE NEAR FUEL.**
- **DO NOT** store, spill or use gasoline near an open flame.
- When filling the tank, maintain control of the nozzle.
- **DON'T** fill fuel tank to capacity. Allow room for expansion.
- Wipe up any spills immediately.
- **ALWAYS** tighten the fuel tank cap securely.
- If the original equipment fuel tank cap is lost, **ALWAYS** replace it with an approved cap. A will-fit cap may not be safe.
- **DON'T** drive equipment near open fire.
- **NEVER** use gasoline for cleaning parts.

TRACTOR OPERATION

- Disengage all power to attachment(s), fully depress brake-clutch pedal and shift into neutral before attempting to start the engine.
- Only use jumper cables in recommended manner as outlined in Operator's Manual.

- **DO NOT** bypass the safety interlock system. Consult your Dealer if your safety controls malfunction.
- Reduce speed and exercise extreme caution on slopes and in sharp turns to prevent tipping or loss of control. Be especially cautious when changing direction on slopes.
- Except for adjustment **DO NOT** operate engine if air cleaner or cover directly over carburetor air intake is removed. Removal of such part could create a fire hazard.
- **DO NOT** operate without a muffler or tamper with the exhaust system. Damaged mufflers or spark arresters could create a fire hazard. Inspect periodically and replace if necessary.
- **DO NOT** operate the tractor engine in an enclosed building without adequate ventilation. Exhaust fumes can cause death.
- **DO NOT** start the engine or operate controls while standing beside the tractor. Always sit in the tractor seat when starting the engine or operating controls.
- **DO NOT** get off the tractor while it is in motion.
- Before leaving the operator's position, disengage power to attachment(s), lower the attachments, shift into neutral, set the parking brake and stop the engine and remove key (if so equipped).
- **NEVER** leave the unit when it is parked on an incline. Always park the unit on level ground when possible. If the unit is to be parked on an incline, always lower the attachment(s), set the parking brake, and securely block the wheels.
- Drive the tractor with care and at speeds compatible with safety, especially when operating over rough ground, crossing ditches, slopes and when turning to avoid up-sets.
- When using any attachments, **NEVER** direct discharge of material toward bystanders nor allow anyone near the vehicle while in operation.
- Keep people and pets a safe distance away from machine.
- Disengage power to attachment (s) when transporting or not in use.
- Keep the tractor in the same gear when going downhill as used when going uphill. **DO NOT** coast or free wheel down hills.
- Use care when pulling loads or using heavy equipment.
 - a) Use only approved drawbar hitch points.
 - b) Limit loads to those you can safely control.
 - c) Do not turn sharply. Use care when backing.
 - d) Use counterweight (s) or wheel weights when suggested in the Operator's Manual.

- Watch out for traffic when crossing or near roadways.
- It is recommended that this machine not be used on public roads. However, if riding on public roads is unavoidable you must comply to equipment requirements per SAE J137b and/or ASAE S279.4 lighting and marking standard. These standards require vehicles be equipped with two (2) headlights, one (1) red taillight, two (2) amber flashing warning lights and a slow moving vehicle (SMV) emblem for operation on public roads.

MOWER OPERATION

- Clear the work area of objects which might be picked up and thrown.
- When using the vehicle with mower, proceed as follows:
 - a) Mow only in daylight or in good artificial light.
 - b) Never make a cutting height adjustment while the engine is running if the operator must dismount to do so.
 - c) Check the blade mounting bolts for proper tightness at frequent intervals.
 - d) Shut the engine off when removing the grass catcher or unclogging chute.
- Watch for holes, rocks and roots in the terrain and other hidden hazards. Keep away from drop-offs.
- **DO NOT** stop or start suddenly when going uphill or downhill. Mow up and down the face of steep slopes; never across the face.

Disengage power to mower before backing up. **DO NOT** mow in reverse unless absolutely necessary and the only after careful observation of the entire area behind the mower.

SERVICING, MAINTENANCE AND STORAGE

- The vehicle and attachments should be stopped and inspected for damage after striking a foreign object and the damage should be repaired before restarting and operating the equipment.
- Keep the vehicle and attachments in good operating condition and keep safety devices in place and in working condition.

- Keep open flame away from battery or cold weather starting aids to prevent fires or explosions.
- Disengage power to attachment (s), stop the engine, disconnect spark plug wire (s) from spark plug (s) before cleaning and making any repairs or adjustments.
- **DO NOT** lubricate or make mechanical adjustments while the units is in motion or when the engine is running. However, if minor engine adjustments must be made, set the parking brake, securely block the wheels and use extreme caution.
- It is necessary to adjust the carburetor with the engine running, take extra care not to allow rings, wristwatches, clothing, etc. to become entangled with moving parts.
- **DO NOT** strike flywheel with a hard object or metal tool as this may cause flywheel to shatter in operation, causing personal injury or property damage.
- **DO NOT** change the engine governor setting or over-speed the engine.
- To reduce fire hazard, keep the engine free of grass, leaves, or excessive grease. **DO NOT** clean while engine is running.
- Keep all nuts, bolts and screws tight to be sure the equipment is in safe working condition.
- **NEVER** store equipment with gasoline in the tank inside a building where fumes may reach an open flame or spark. Allow the engine to cool before storing in any enclosure.
- Keep the machine and supply of gasoline in locked storage to prevent children or others from playing or tampering with them. When machine is to be stored for an extended time, disconnect battery cables or remove the battery.
- Under normal usage the grass catcher bag material is subject to deterioration and wear. Check bag frequently for deterioration and wear and replace worn bags. Check that replacement bags comply with the original manufacturer's recommendations or specifications.

SAFETY DEFINITIONS

 **DANGER**

The signal word “**DANGER**” signifies that a source of extreme danger to a person on or near a machine exists as a result of the very nature of the machine itself. This danger to persons is such that it would result in a high likelihood of death or permanent injury if the recommended precautions are not taken.

 **WARNING**

The signal word “**WARNING**” indicates that a source of danger to a person on or near a machine exists which may result in death or injury if the recommended precautions are not taken.

When you see this symbol  it means: ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!

2 CONTROLS AND OPERATION

Refer to Fig. 2.1A.

IMPORTANT: Be sure to read this section of the Operator's Manual before you attempt to operate your tractor. It is for your safety that you know where all controls are, and are familiar with the functions of each control.

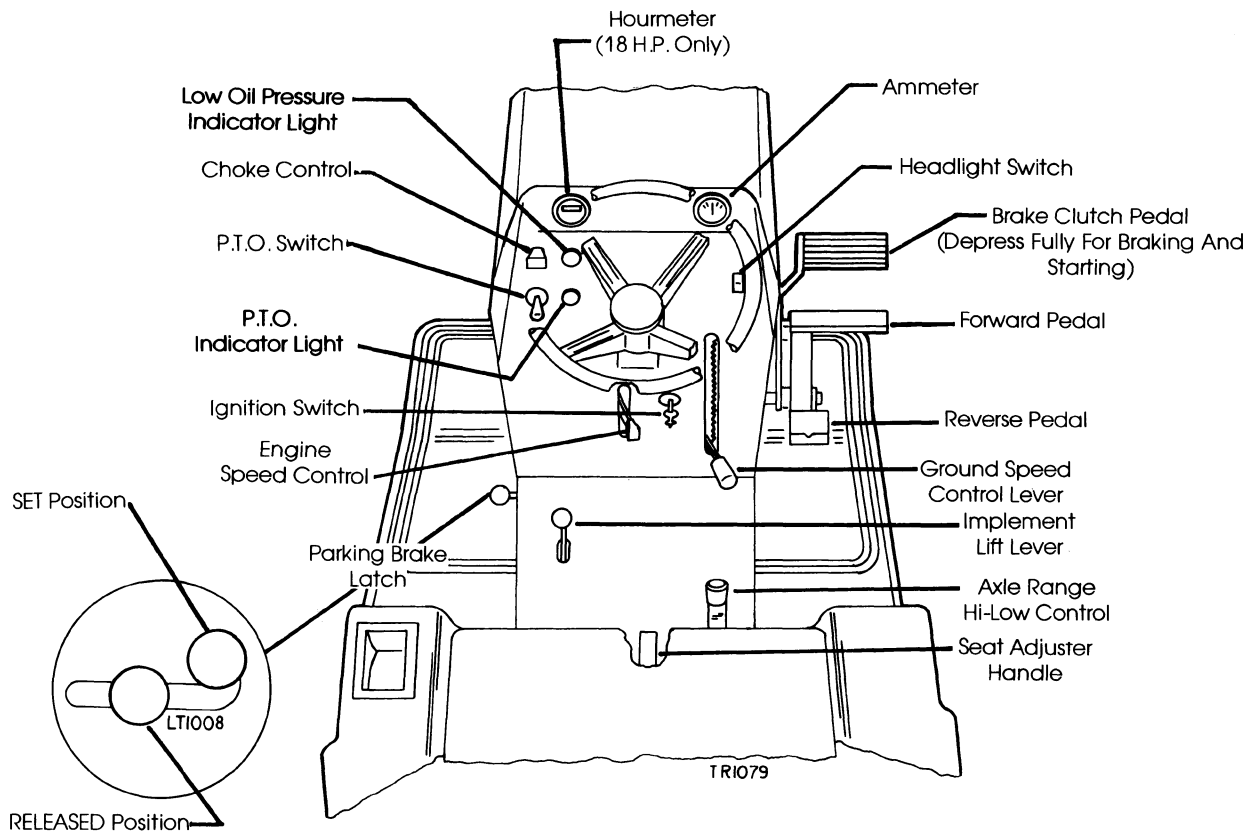


FIG. 2.1A

BRAKE CLUTCH PEDAL

This pedal is foot operated and controls only the brake on this tractor. The pedal is on the right-hand side of frame.

To operate: Depress brake clutch pedal fully. This will automatically put the hydrostatic traction drive in neutral and engage the brake.

NOTE: The brake clutch pedal must be completely depressed, and the P.T.O. switch must be in the OFF position before the engine can be started.

FORWARD AND REVERSE TRACTION DRIVE SPEED CONTROL PEDALS

The forward and reverse pedals are the two ends of a single rocker type assembly. These two pedals are located just above the right foot rest.

To operate: Depress the forward pedal end or the reverse pedal end to control the tractor's forward or reverse movement and speed. Resting your heel on the foot rest while depressing the forward pedal provides a comfortable foot position for long time operations.

GROUND SPEED CONTROL LEVER

This hand control provides the convenience of operating the tractor in forward movement without having to continuously depress the forward foot pedal. The ground speed control lever is located on the right-hand side of the instrument panel.

Operation: To maintain a desired ground speed, move the ground speed control lever to the left and upward, positioning it in a "notch" that maintains desired ground speed.

If ground speed control is not set for maximum ground speed, the control can be over-ridden by depressing the forward pedal to increase the ground speed not the engine speed. When forward pedal is released, the speed control will maintain the previously set ground speed.

To instantly disengage the speed control, apply the brake clutch pedal. The ground speed control can also be released by hand with a slight leftward nudge. **NOTE:** The reverse pedal is locked out when ground speed control is engaged. The ground speed control lever must be in the released position before the tractor can be reversed. The use of the ground speed control function is not possible when tractor is operated in reverse.

CHOKE CONTROL

control aids in starting a cold engine.

For cold engine starting pull knob outward. As the engine warms, push in. Choke is not required for restarting a warm engine.

ENGINE SPEED CONTROL

This control regulates the engine speed from SLOW (idle) to FAST (maximum operating power and speed).

When starting engine, set control to a mid-range position. As engine warms up, gradually move control to maximum FAST position.

NOTE: Always use maximum FAST position when attachments are being used.

To idle, set control in SLOW position.

P.T.O. (POWER TAKE-OFF) SWITCH

This switch controls the drive to engine powered attachments.

NOTE: The P.T.O. must be in the OFF position and brake clutch pedal must be completely depressed before the engine can be started.



WARNING: To avoid personal injury, before engaging the P.T.O., be sure the attachment is clear of any obstacles.

To ENGAGE, pull toggle lever out then up to the ON position.

To DISENGAGE, pull toggle lever out then down to the OFF position.



WARNING: To avoid personal injury, the P.T.O. should never be on unless an engine powered attachment is being operated. Turn P.T.O. off when transporting an attachment to and from a work area.

P.T.O. INDICATOR LIGHT

This indicator light will go when P.T.O. switch is in the ON position, indicating that an attachment has power.

The light will operate only if ignition key is in the ON position. Light will turn off if P.T.O. switch or ignition key is turned off.

IMPORTANT: Before starting tractor, check light for your safety, keep indicator light operating correctly.

HEADLIGHT SWITCH

This "rocker" type switch turns the lights ON and OFF.

To turn lights ON, push top of switch in. To turn lights OFF, push bottom of switch in.

IGNITION SWITCH

For safety purposes a key type ignition switch is utilized for starting and instantly stopping the engine.

TO START: Turn and hold key at START position until engine is running; then release key. Turn key to OFF position to stop engine.

SEAT ADJUSTER HANDLE

TO ADJUST: Sit in tractor seat; pull seat adjuster handle up to release lock, then slide seat forward or backward to desired position. Release handle to secure adjustment.

PARKING BRAKE LATCH

This latch is hand operated and sets the parking brake. The latch is located on the left-hand side of the frame above the footrest.

TO SET: Depress brake clutch pedal completely and slide latch forward and up to SET position (see circled illustration, Fig. 2.1A).

TO RELEASE: Depress brake clutch pedal until latch releases.

 **WARNING:** To avoid personal injury, the parking brake should be set before the operator leaves the seat.

HOURLMETER (18 H.P. Only)

Refer to Fig. 2.1A

The hourmeter is located on the instrument panel. This instrument numerically registers the number of hours the engine has been run.

AMMETER (14 H.P. & 18 H.P.)

Refer to Fig. 2.1A.

The ammeter indicates whether battery is charging or discharging. The ammeter is on the instrument panel. Movement of ammeter needle to the right of center indicates battery is charging. Normal movement to the left indicates battery is discharging. Normal operation of the tractor will keep the battery fully charged. **NOTE:** If ammeter does not move, or indicates constant discharging, contact an authorized dealer for service.

AXLE RANGE CONTROL (2 SPEED)

This hand operated control is used to select a high or low operating speed range for the rear axle; or when set to neutral N allows the tractor to be towed or moved manually (free wheeled) without starting the engine. The axle range control lever is located just ahead of the seat (Fig. 2.1A).

When operating the tractor the two speed axle control must be in either the HI or LOW range. **The tractor will not drive with this control in neutral N** (Fig. 2.3A).

The LOW range setting allows the tractor to perform heavier work or operate on more difficult terrain. The HI range setting is suitable for light to moderate work on level ground. Experience will quickly allow the operator to choose the correct setting.

To operate: Shift axle range control when engine is not running or depress the brake clutch pedal fully to stop tractor, then shift control to desired setting. **NEVER SHIFT IN MOTION.**

LOW OIL PRESSURE INDICATOR LIGHT

This indicator light will come on and stay on if the oil pressure in the engine drops. When this occurs, stop the engine and check oil. If low add oil as necessary. When oil pressure is correct light will go out.

IMPLEMENT LIFT LEVER

Refer to Fig. 2.1A.

This hand operated lever controls the hydraulic lifting system which will raise attachments (mowers, tillers, etc.) for transport or lower them for operation. The lever is located between the seat and instrument panel. Be sure the implement has been properly attached before using lift lever.

The engine must be running for raising implements. To RAISE implement, pull lever back. To LOWER implement, push lever forward. Lower implement to the ground before leaving the tractor.

 **WARNING:** To avoid personal injury, never operate mower with attachment lift in the raised position. Mower must be lowered completely before operating. **DO NOT OPERATE MOWER WITH GUARDS REMOVED.**

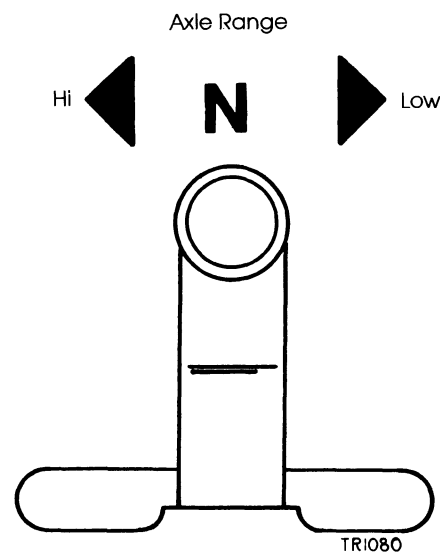


FIG. 2.3A

3 TRIAL RUN

Now that you have located the controls and understand their operation and function it is time to test ride your new tractor. Do this without operating an attachment until you have the feel of the unit.



WARNING: To avoid personal injury, give complete and undivided attention to safe operation of the tractor. Remember, improper use of the tractor is hazardous.



WARNING: To avoid personal injury from overturns, do not use wheel weights, a weight box, or any additional weights for stability when operating tractor on hills.

(For increased traction, use only authorized wheel weights).

This tractor is equipped with an interlock system which will allow the engine to start only if the brake clutch pedal is fully depressed, the P.T.O. is in the OFF position and the operator is properly seated.

BEFORE STARTING

1. **Be certain that the engine crankcase is filled with oil** and the engine service instructions have been followed completely.
2. Sit on the tractor seat in the normal operating position.
3. Move P.T.O. to OFF position.
4. Set engine speed control in mid-position between SLOW and FAST.
5. Pull choke outward if starting a cold engine. Choke might not be required if starting a warm engine.
6. Select the desired axle range. Low is recommended for trial run.

TO START

1. Fully depress brake clutch pedal.
2. Turn ignition key to START until the engine starts, then release the key. Do not engage starter for more than a 10 second duration.
3. Release the brake clutch pedal.

TO OPERATE

To move forward, depress the forward drive pedal. To reverse movement, depress the reverse drive pedal.



WARNING: To avoid personal injury, start with a very slow ground speed, and gradually increase to a working speed as you become familiar with the tractor and controls.

BEFORE STOPPING ENGINE

1. Disengage P.T.O..
.. SET the parking brake.

TO STOP ENGINE

Turn ignition key to OFF. Remove key.

TRANSMISSION OVER HEATING

When using the tractor for extreme and/or continuous work during very warm weather the transmission may start to "slip". The slippage is caused by the oil in transmission being too hot.

When slipping occurs the transmission must be cooled down. This is done by letting the tractor idle for a short time or shut the engine off and allow transmission to cool.

IMPORTANT: If tractor is used while transmission is slipping, serious damage to the transmission could result.

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