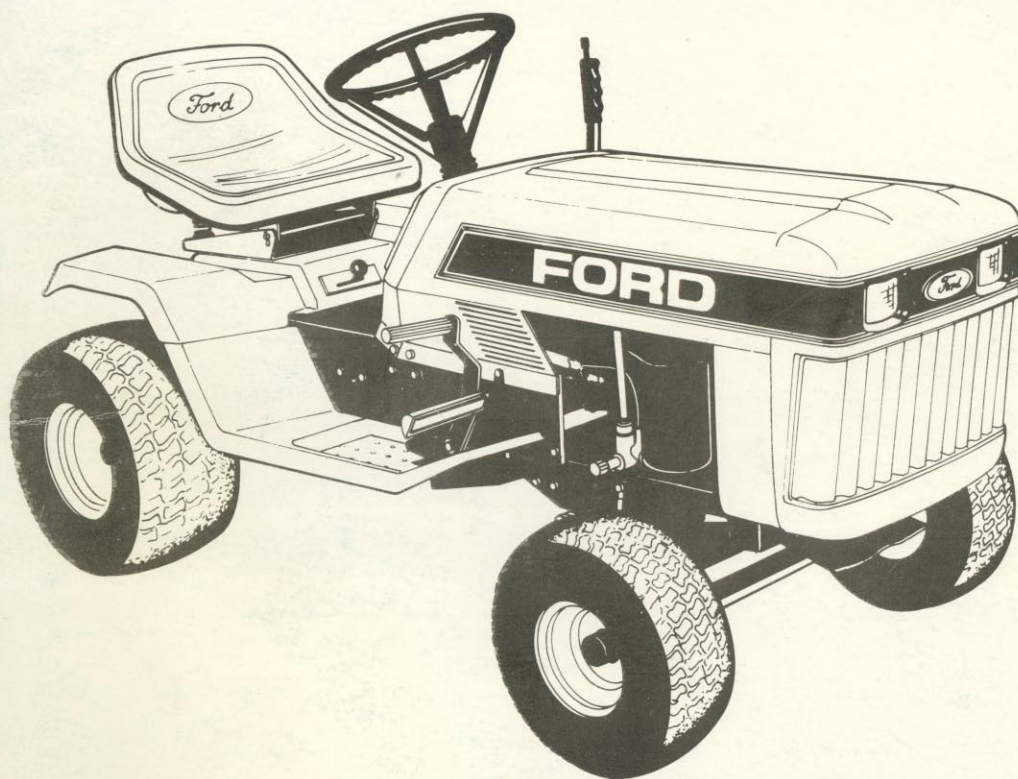


FORD

YT 16H
Yard Tractor
Model 9607432



OPERATOR'S MANUAL

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 spaces provided below. Engine model, type and code numbers are 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** 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 where 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.

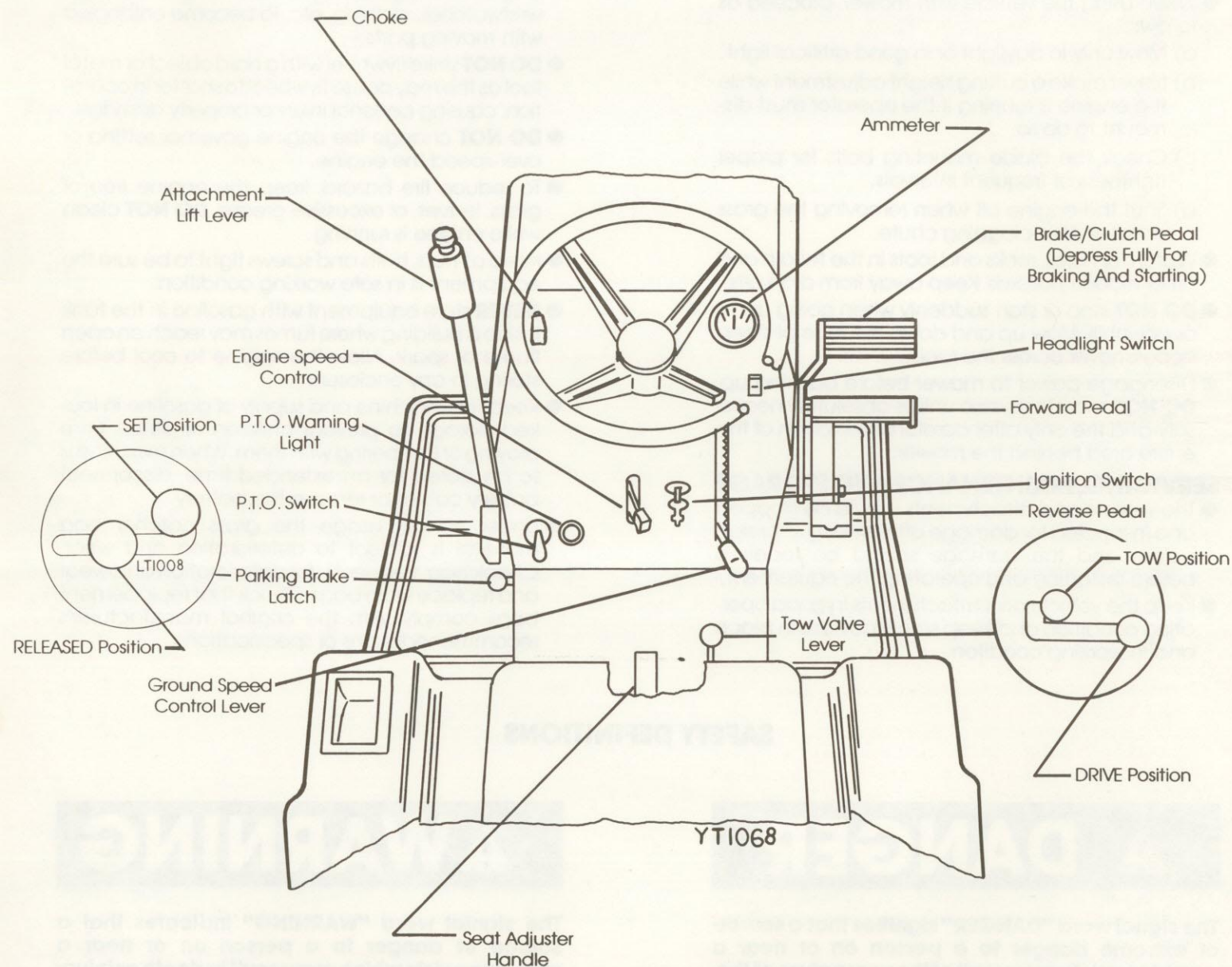


FIG. 2.1A

SAFETY INTERLOCK SYSTEM

Your tractor is equipped with an interlock system that 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. Refer to ELECTRICAL SYSTEM section ("Safety Interlock System") for further explanation.

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. lever 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 press 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

This 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.



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.

ELECTRIC 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 the 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. WARNING LIGHT

This warning light will go on when P.T.O. switch is in the ON position, warning you 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 warning light operating correctly.

HEADLIGHT SWITCH

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

NOTE: The engine must be running for the lights to operate. (Dimming of lights when engine is idling is normal).

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.

AMMETER

The ammeter indicates whether battery is charging or discharging.

Movement of ammeter needle to the right of center indicates battery is charging; movement to the left of center 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 your authorized dealer for service instructions.

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.

ATTACHMENT LIFT LEVER

This control will raise or lower attachments (mowers, snowthrowers etc.).

Be sure attachment has been properly mounted before using lift lever.

To raise attachment, pull lever back until the lock engages itself. To lower attachment, pull lever back, depress button on top of lever with your thumb and push lever forward (Fig. 2.4A).

NOTE: An optional electric lift is available as an accessory from your dealer. It is recommended for attachments other than mower and front snow blade.

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

TOW VALVE LEVER

This hand operated lever allows you to tow or move manually (free wheel) the tractor without starting the engine.

To Engage Tow Valve Lever: Move lever to the left and lock lever in the upper part of notch. The tractor can then be towed or moved without using the tractor engine.

IMPORTANT: The engine will not move the tractor when the tow lever is engaged. For normal tractor operation the control lever must be released.

To Release Tow Valve Lever: Pull lever out of the upper part of notch and place it into the lower part of notch. The engine will now move the tractor.

OPENING HOOD

To open hood grasp hood on both sides and lift with a sharp pull. Do not lift only from one side.

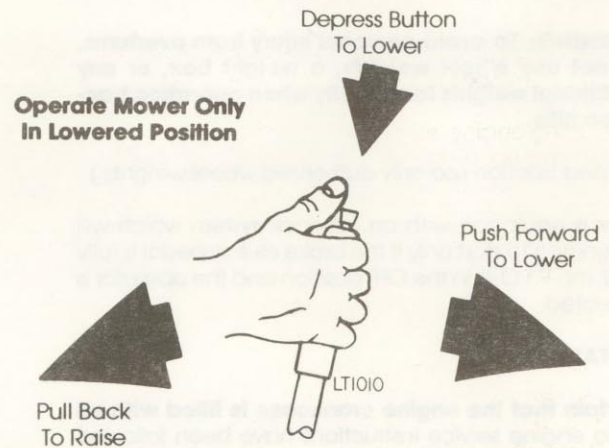


FIG. 2.4A

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 for warm engine starting.
6. Fully depress brake clutch pedal.

TO START

1. Turn ignition key to START until the engine starts then release the key. Do not engage starter for more than a 10 second duration.
2. As the engine warms up push choke in and move engine speed control to FAST.

TO OPERATE

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



WARNING: To avoid personal injury, use a slow speed until you learn how to drive the tractor.

BEFORE STOPPING ENGINE

1. Disengage P.T.O..
2. 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.

SEAT ADJUSTMENT

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.

4 MAINTENANCE AND LUBRICATION



WARNING: To avoid personal injury, always turn engine off and wait for all movement to stop, remove spark plug wire(s) from spark plug(s) before cleaning, making any repairs or adjustments.

BREAK-IN MAINTENANCE AND LUBRICATION

IMPORTANT: Apply oil and grease carefully and only where required. Oil or grease on drive belts or pulleys will cause slippage and loss of drive. Thoroughly wipe up any excess grease, oil and spills.

For maximum efficiency and trouble free service, make the following periodic inspections of the tractor. For engine maintenance, refer to the engine instructions.

1. The engine oil should be changed as described in the engine instructions. The oil drain pipe is located on the right-hand side of engine just above frame.

Place an oil pan under drain and remove oil drain cap. **The best time to change oil is just after the engine has been run.** Use cardboard or tinfoil to form a gutter from the drain to the oil pan.

After the oil has been drained, replace the oil drain cap. Remove the oil fill cap and dipstick. For proper type of oil and crankcase capacity refer to the engine instructions.

Do not overfill. When checking oil level, screw dipstick assembly firmly but slowly until cap bottoms on tube. Dipstick assembly must be securely assembled into tube at all times when engine is operating.

2. Perform all other checks and maintenance called for under "Daily", "25 Hours", and "100 Hour" schedules.

DAILY SCHEDULE

1. **GENERAL:** Make general visual inspection of the tractor for loose or damaged parts. Check nuts and bolts periodically to insure against looseness caused by vibration or rough handling. Check for oil leaks from engine, differential and transaxle. Damaged parts should be repaired or replaced before using the tractor.
 2. **ENGINE OIL LEVEL:** Refer to the engine instructions. Check oil level with tractor on level ground and the engine stopped. Before removing dipstick, clean dirt from around dipstick and opening.
 3. **ROTATING SCREEN:** Inspect rotating screen for chaff or dirt build-up and clean as required (Fig. 4.2A).
 4. **AIR CLEANER:** Refer to the engine instructions for proper maintenance.
 5. **BATTERY:** Terminals should be tight and free of corrosion. The hold down should be snug over battery. Top of battery should be clean and dry. Check level of electrolyte. Maintain electrolyte level up to the bottom of vent walls. Add clean distilled water as needed.
 6. **OPERATING LIGHTS:** Check operation of all lights before starting and using your tractor. **NOTE:** To check operation of headlights, engine must be running.
- IMPORTANT:** If lights do not work, check circuit and correct failure before starting or using the tractor again. Refer to the WIRING DIAGRAM section.
- NOTE:** If lights need replacement, order replacement parts from your authorized dealer.
7. **BELTS:** Inspect for proper tension. Refer to ADJUSTMENT AND SERVICING section.
 8. **HYDROSTATIC TRANSMISSION COOLING:** The fan guard, fan, and the fins on the transmission must be kept free of grass clippings, dirt and other debris that can impede efficient cooling. Use a suitable soft brush to remove any accumulation of debris from these components. **IMPORTANT:** Do not use water, or any other liquid solvents to clean on or around this area of the transmission!

25 HOUR SCHEDULE

1. GENERAL: Perform the "Daily" maintenance schedule.
2. ENGINE OIL: Refer to the engine instructions.
3. AIR CLEANER: Refer to the engine instructions.

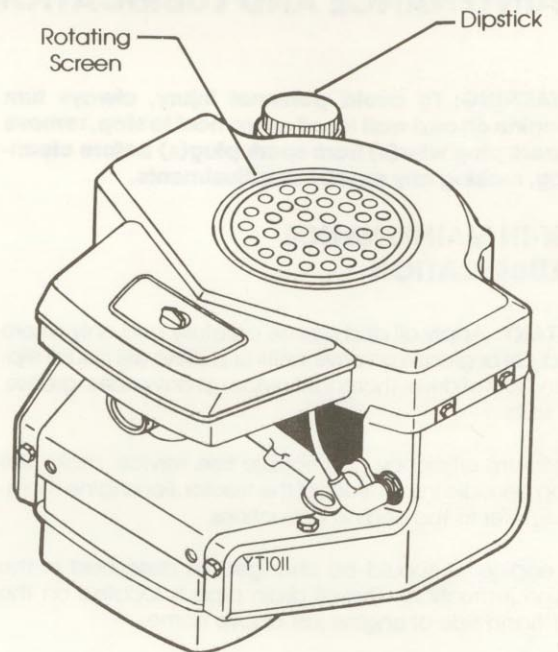


FIG. 4.2A

4. GREASE: NLGI Grade 2 Lithium base EP grease or equivalent. **NOTE:** Clean off grease fittings before attaching grease gun. Grease until the grease comes out of bearings. Wipe off excess grease. Use a pressure type grease gun.

Refer to Fig. 4.2B.

- A. Front Wheels: one fitting located on inner side of each wheel.
 - B. Tie Bar: one fitting on each end.
 - C. Spindles: one fitting on each end of front axle.
 - D. Axle Pivot: one fitting in center of axle.
5. OIL: SAE 30 engine oil.
 - A. Speed Control Linkage-Apply oil at all pivot points to reduce wear and assure free movement. Be sure linkages are clean before applying oil.
 - B. General - Apply oil at all pivot points and linkages to reduce wear and assure free movement. Be sure linkages are clean before applying oil.
 6. TIRE PRESSURE: Check tire pressures. Recommended pressure is 10 p.s.i. for both front and rear tires. Under inflated tires will cause premature failure. Over inflated tires will result in a hard riding tractor which may also loosen hardware on the unit.

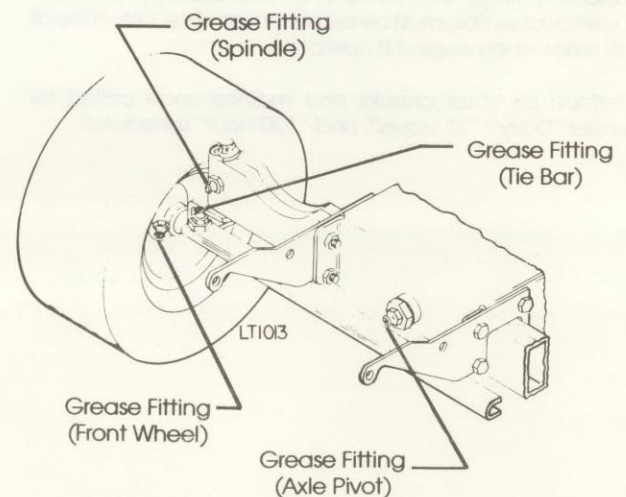


FIG. 4.2B

100 HOUR SCHEDULE

1. GENERAL: Perform the "25 Hour" maintenance schedule.
2. AIR CLEANER: Refer to the engine instructions for proper maintenance.
3. For all engine maintenance, refer to the engine instructions.
4. TRANSMISSION: Under normal operating conditions, the oil need not ever be changed; but the oil level should be maintained as specified.

Refer to Fig. 4.3A.

- A. Check the oil level in the reservoir with the transmission hot and the engine stopped.
- B. Open tractor hood and clean all the dirt away from around the reservoir cover.
- C. Remove the cover and check the oil level. It should be up to the oil level hot mark. If the oil is substantially below the hot level mark, look for external oil leaks and repair the cause.
- D. If the oil level is low wait for transmission to cool. Re-check oil in reservoir, if oil can still be seen in reservoir add detergent oil (SAE 20) to bring oil level up to the cold level mark on reservoir. Replace cap and tighten securely.

IF THERE IS NO OIL IN RESERVOIR ADD OIL AS FOLLOWS:

- E. Remove the rear fender seat pan and gas tank. Refer to the ADJUSTMENT AND SERVICING section ("Rear Fender Seat Pan Removal and Gas Tank Removal").
- F. Clean area around air bleed plug and then remove it (Fig. 4.3B). Remove the cap from the oil reservoir (under engine hood next to battery) Fig. 4.3A and add detergent oil (SAE 20) until oil level rises to the very top of air bleed opening. Replace air bleed plug and firmly tighten. Continue to add oil until oil level reaches cold level mark. Replace cap. **IMPORTANT:** Do not overfill.
- G. After oil is at the proper level reassemble the gas tank and rear fender seat pan by reversing the rear fender seat pan removal and gas tank removal instructions. Be sure the seat switch wires are through the snap bushing and properly connected to the seat switches.

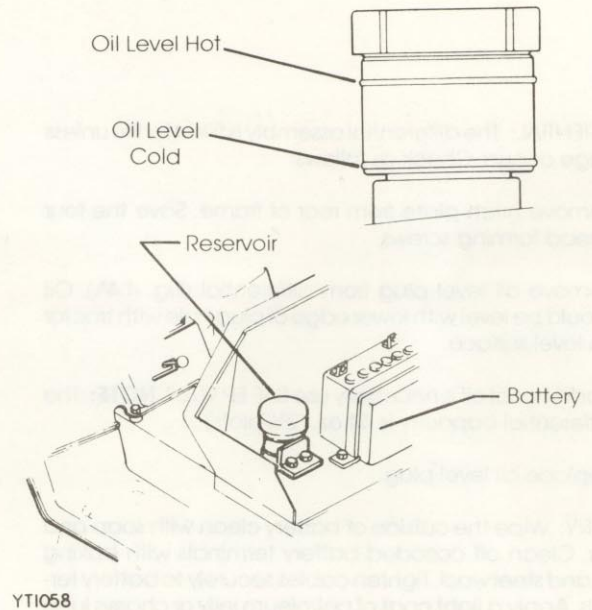


FIG. 4.3A

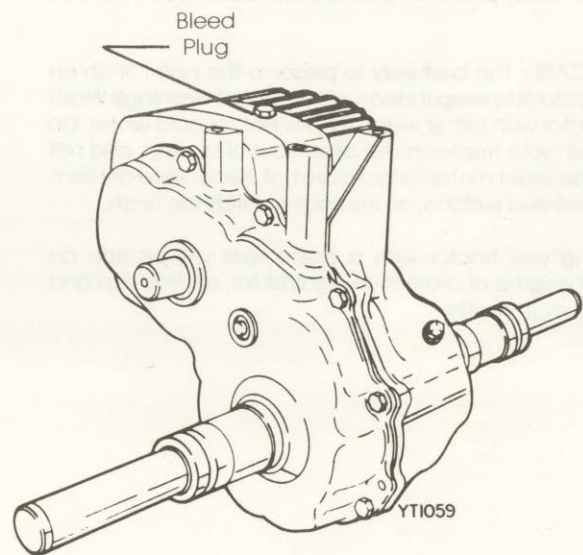


FIG. 4.3B

5. **DIFFERENTIAL:** The differential assembly is filled for life unless leakage occurs. Check as follows:

A. Remove hitch plate from rear of frame. Save the four thread forming screws.

B. Remove oil level plug from differential (Fig. 4.4A). Oil should be level with lower edge of plug hole with tractor on level surface.

C. If additional oil is necessary use SAE EP 90 oil. **NOTE:** The differential capacity is 44 oz. (2¾ pints).

D. Replace oil level plug.

6. **BATTERY:** Wipe the outside of battery clean with soap and water. Clean off corroded battery terminals with baking soda and steel wool. Tighten cables securely to battery terminals. Apply a light coat of petroleum jelly or chassis lube to avoid corrosion. Check battery hold down; tighten if needed. Keep vent holes in battery filler caps open. Remove caps and inspect. If the holes are clogged, clean out using a small piece of wire. **Do not blow out.** Replace caps.

7. **BODY CARE:** The best way to preserve the paint finish on your tractor is to keep it clean with frequent washings. Wash the tractor with either warm (Never Hot) or cold water. Do not wash your tractor in the direct rays of the sun, and not while the sheet metal surfaces are hot. Never wipe dirt from a dry painted surface, as this may scratch the finish.

Polishing your tractor with a paste wax will provide an added degree of protection against tar, oil, tree sap and other foreign matter.

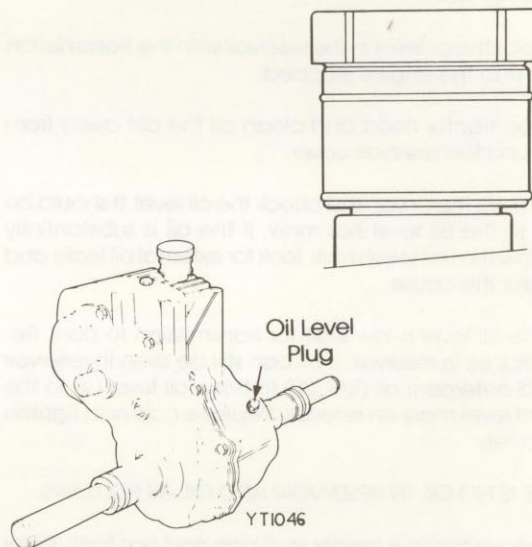


FIG. 4.4A

5 ADJUSTMENT AND SERVICING



WARNING: To avoid personal injury, always turn engine off and wait for all movement to stop, remove spark plug wire(s) from spark plug(s) before cleaning, making any repairs or adjustments.

REAR FENDER SEAT PAN REMOVAL.

IMPORTANT

WHEN REMOVING REAR FENDER SEAT PAN AND GAS TANK REFER TO OPERATOR'S MANUAL FOR INSTRUCTION.

1. Tip the seat forward and locate the plug under the seat and disconnect plug from seat switch (Fig. 5.1A).
2. Remove the plastic connector and gently pull the wires through the hole in the side of the seat hinge support (Fig. 5.1A).

NOTE: If your tractor has taillights the wires must be disconnected from each taillight.

3. Remove the hinge pin. Remove the hardware from one side only and remove pin (Fig. 5.1A).
4. Remove the seat hinge support from the rear fender seat pan (Fig. 5.1B). Remove all four cap screws, spacers and washers.
5. Remove the two screws holding the rear fender seat pan to the support (Fig. 5.1C).
6. Remove the two carriage bolts mounting the rear fender seat pan to the footrest (Fig. 5.1C). Repeat for the other footrest.
7. Remove knob from the tow valve lever if so equipped.
8. Remove knob from the gear shift lever if so equipped.
9. Remove the gas cap from the gas tank and lift the rear fender seat pan off of tractor.
10. Replace gas cap to avoid spilling gas and to prevent foreign debris from entering tank.

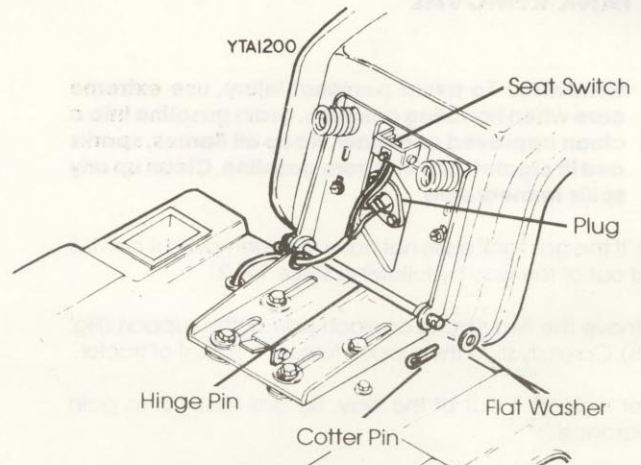


FIG. 5.1A

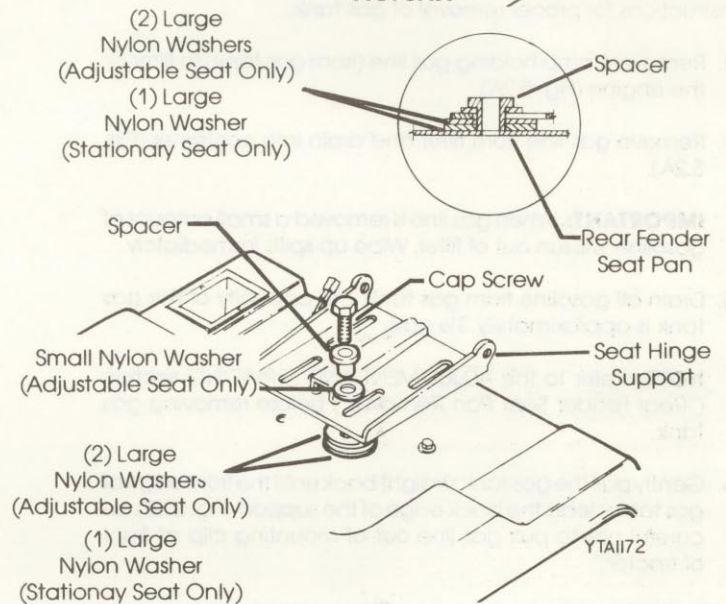


FIG. 5.1B

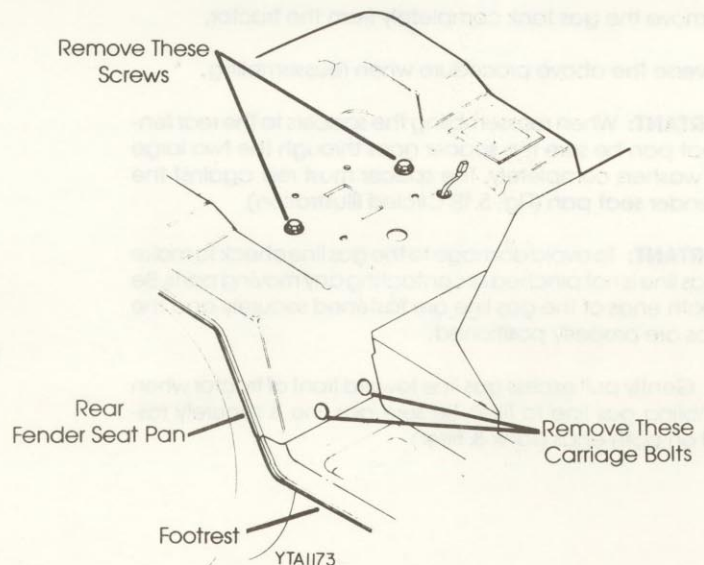


FIG. 5.1C