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.

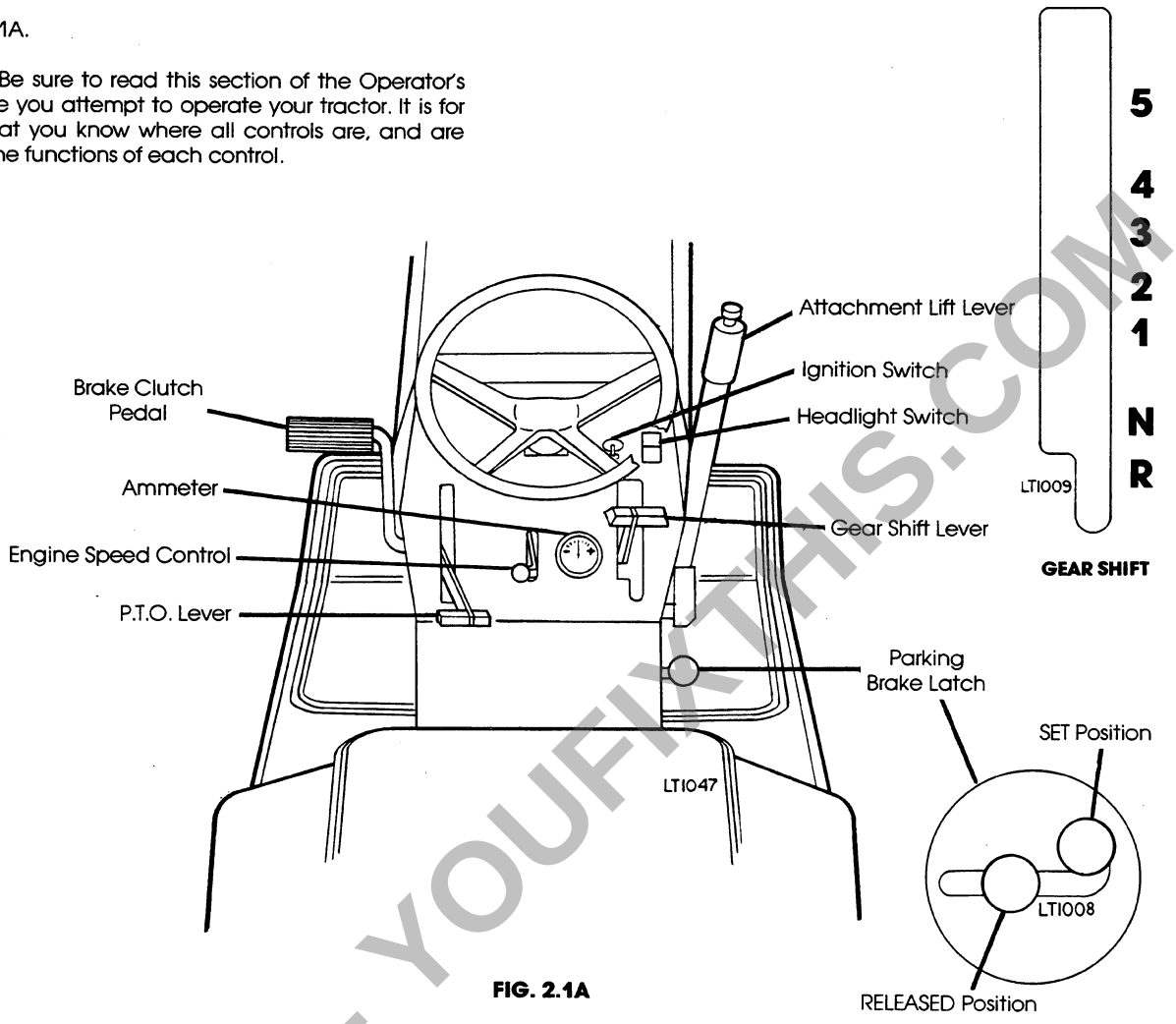


FIG. 2.1A

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

Depressing this brake clutch pedal applies the brake and at the same time disengages the drive.

To operate: Depress brake clutch pedal fully for starting, braking and changing gears. Remove foot slowly and completely from brake clutch pedal to engage drive.

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

GEAR SHIFT LEVER

This lever controls the ground speed (5 speeds forward and 1 reverse).

The tractor was designed to start out in any gear. The gear should be chosen to suit the terrain and the needs of the attachment being used.

Change gears only with unit at full stop and brake clutch pedal fully depressed.

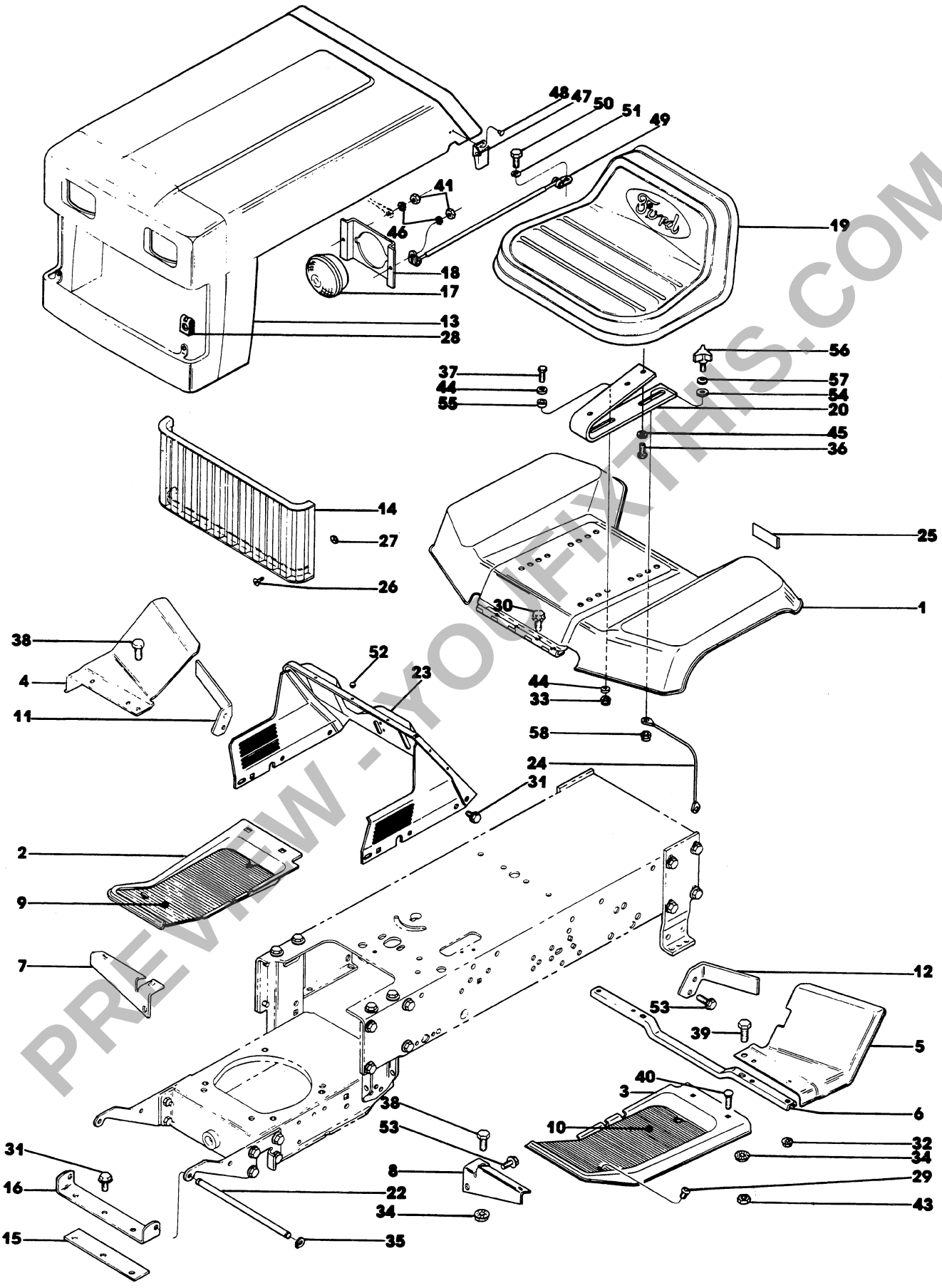
IMPORTANT: To avoid damaging transmission, never shift in motion.

Always place gear shift lever in neutral N before starting engine (Fig. 2.1A).

Fully depress brake clutch pedal, and then move shift lever to the desired gear position (1 or 5 for progressively faster forward movement, R for reverse). Slowly release brake clutch pedal to initiate tractor movement.

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BODY PARTS



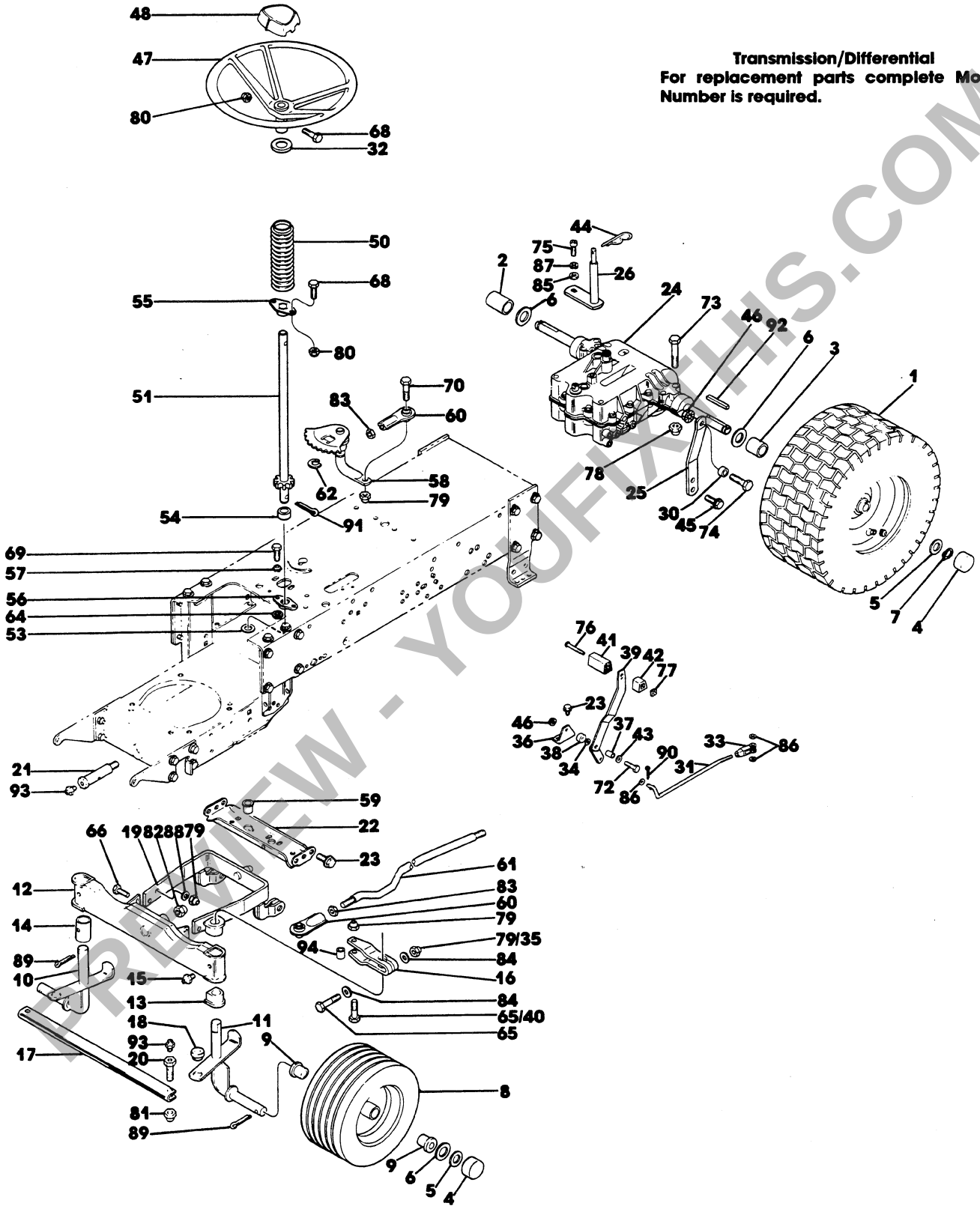
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TRANSAXLE, STEERING, FRONT WHEEL AND AXLE PARTS

Transmission/Differential
For replacement parts complete Model Number is required.

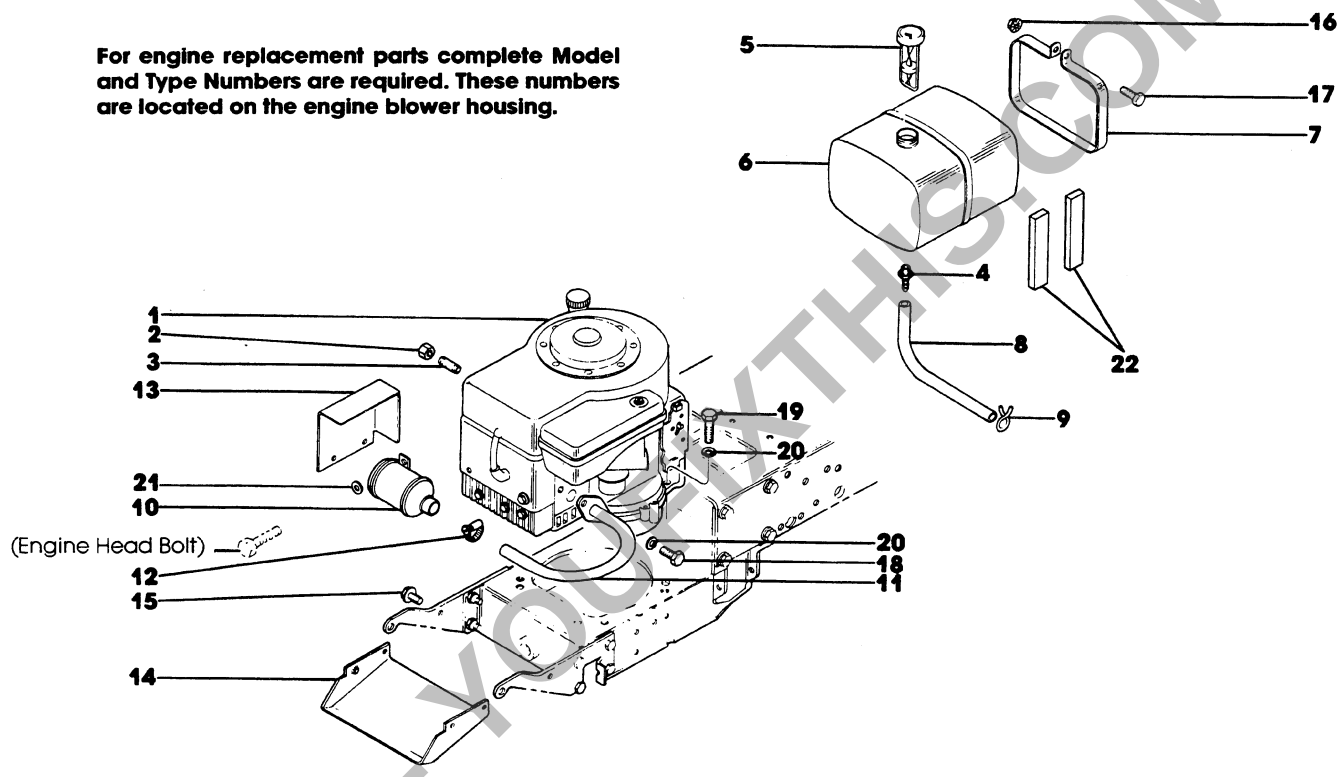


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ENGINE AND GAS TANK PARTS AND PARTS LIST

For engine replacement parts complete Model and Type Numbers are required. These numbers are located on the engine blower housing.



REF. NO.	DESCRIPTION	QTY.
1	Engine 8 H.P. B&S	1
	Engine 11 H.P. B&S	1
2	Pipe Cap	1
3	Pipe Nipple	1
4	Fitting-Gas Tank	1
5	Gas Gauge	1
6	Fuel Tank	1
7	Strap-Fuel Tank Hold Down	1
8	Fuel Hose-Tank To Filter	1
9	Fuel Hose Clamp	2
10	Muffler Assembly (11 H.P. Only)	1
11	Muffler Pipe Assembly (11 H.P. Only)	1
12	Muffler Clamp (11 H.P. Only)	1
13	Cover-Muffler (11 H.P. Only)	1
14	Bottom Air Shroud (11 H.P. Only)	1
15	Thread Forming Screw ¼-20 x ½	2
16	Nut, Hex Washer Hd. ¼-20	1
17	*Cap Screw, Hex Hd. ¼-20 x 1½" Plated, Grade 5	1
18	*Cap Screw, Hex Hd. 5/16-18 x ⅝ Plated, Grade 5 (11 H.P. Only)	2
19	*Cap Screw, Hex Hd. 5/16-18 x 1½ Plated, Grade 5	4
20	*Washer, Spring Lock 5/16 Plated	6
21	*Washer, Flat 5/16 Plated (11 H.P. Only)	1
22	Pad-Gas Tank	2

* Common Hardware. May Be Purchased Locally.

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IMPORTANT: IF SAFETY OR STANDARD Decals are missing, illegible, or damaged, they should be replaced. See "Replacement Decals" section.

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.

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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 AN TAKE THE FOLLOWING PRECAUTIONS BEFORE OPERATING THIS TRACTOR TO HELP PREVENT ACCIDENTS. EQUIPMENT SHOULD B 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.
- 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 upsets.
- When using any attachments, never direct discharge o 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.

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PARKING BRAKE LATCH

This latch is hand operated and sets the parking brake. The latch is located on the right-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.

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.

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

IGNITION SWITCH

For safety the tractor is equipped with an automotive type ignition switch. It controls all the electrical circuits.

To start engine, turn key to START until engine starts, release key. Key will return to ON. To stop engine, turn key to OFF.

AMMETER

The ammeter indicates whether battery is charging or discharging. The ammeter is on the instrument panel.

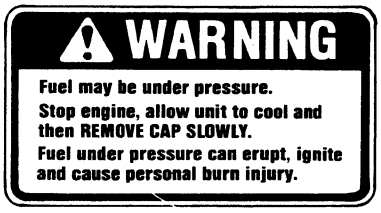
Movement of ammeter needle to the right of center indicates battery is charging; movement to the left indicates battery is discharging. Normal operation of the tractor will keep the battery fully charged. **NOTE:** If ammeter does not move, or indicates constant discharging, contact your authorized dealer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

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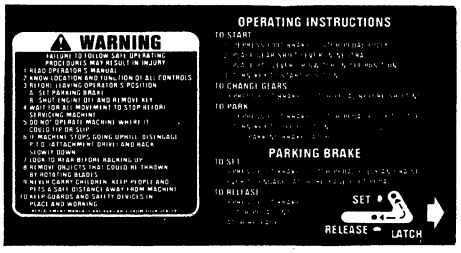
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10 REPLACEMENT DECALS

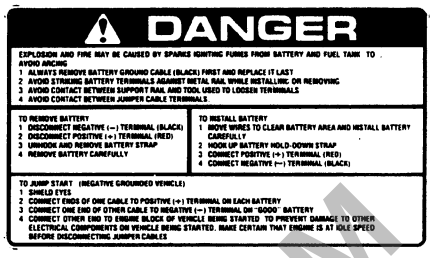
SAFETY



GB239433
Warning - Fuel
(Located On Fuel Tank Behind Filler Neck)



GB241449
Warning
(Located In Front Of Seat On Frame)



GB233147
Danger
(Located On Top Of Battery Cover)

STANDARD



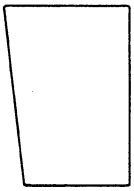
GB233259
R.H. Ford Trim
(Located On Right Hand Side Of Hood)



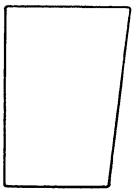
GB233261
Front Ford Trim
(Located On Front Of Tractor Hood)



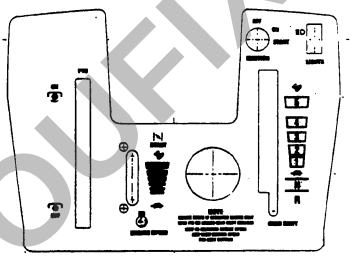
GB233260
L.H. Ford Trim
(Located On Left Hand Side Of Hood)



GB233222
Lower Grille-L.H.
(Located On Left Hand Side Of Lower Grille)



GB233221
Lower Grille-R.H.
(Located On Right Hand Side Of Lower Grille)



GB237631
Instrument Panel
(Located On Instrument Panel)



GB207952
Brake
(Located On Brake Clutch Pedal)



GB240639
Ford Steering Wheel
(Located On Steering Wheel Cap)



GB233130
Ford
(Located On Back Of Fender And Seat Support)



GB234510
Draw Bar
(Located On Rear Hitch Plate)



GB233136
LT 8
(Located On Right And Left Hand Sides Of Hood)



GB233133
LT 11
(Located On Right And Left Hand Sides Of Hood)



GB36794
Lift
(Located On Lift Lever)

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