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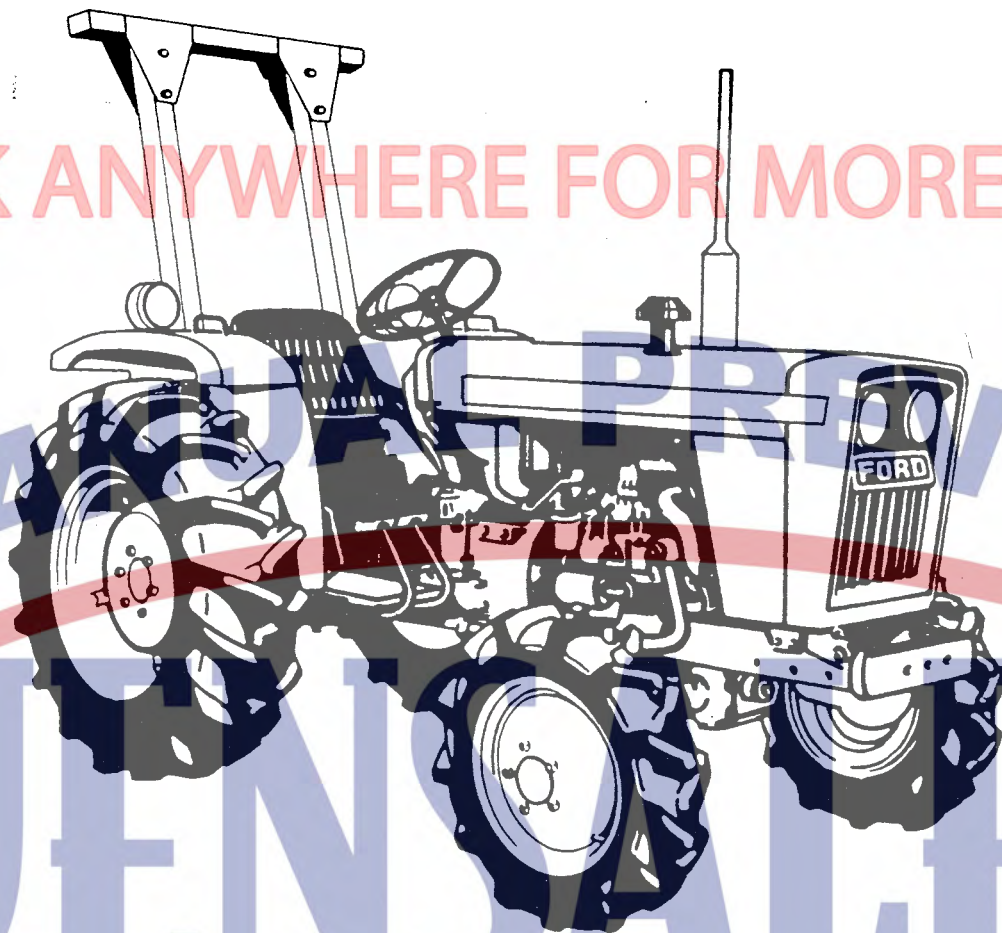


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Figure 6 — Fuel Shutoff Valve

the ignition switch is turned "on" these lights will come on. After the engine has been started, the lights should go out within a few seconds. If they do not go out:

- Engine oil pressure warning light: Stop the engine immediately and investigate the cause. It is important to remember that this light indicates oil pressure only. The operator must regularly check the crankcase for proper oil level.
- Charge indicator warning light: This is an indication that the charging system is not operating normally. Investigate the cause as soon as possible, otherwise the battery will become fully discharged.

PROOF-METER

The Proof-Meter is located on the left side of the instrument panel, Figure 4. The Proof-Meter indicates:

- The hours and portions of hours your tractor has operated, based on an average engine speed of 2250 rpm. Engine speeds below 2250 rpm accumulate engine hours at a slower rate than clock hours. Engine speeds above 2250 rpm accumulate engine hours faster than clock hours. Use the Proof-Meter as a guide to determine hourly service and maintenance intervals.
- Use the engine revolutions per minute on the lower half of the Proof-Meter when operating PTO driven equipment. PTO driven equipment must be operated at an engine speed not to exceed 2455 rpm as shown by the PTO symbol on the rpm scale. Additional information on PTO operation can be found on page 15.

- The scales on the upper half of the Proof-Meter indicate ground speeds in miles per hour (MPH) for 3rd, 6th, 9th and 12th gears. Additional ground speed information can be found on page 47.

THROTTLE CONTROLS

HAND THROTTLE AND ENGINE STOP CONTROL

The hand throttle is shown in Figure 4. Pull the throttle down to increase engine rpm. Push the throttle forward to decrease engine rpm. Push the throttle full forward to stop the engine.

FOOT THROTTLE

The foot throttle, shown in Figure 7, can be used separately, or in conjunction with the hand throttle. With the hand throttle control lever set at a selected engine rpm, the foot throttle can be used to increase engine rpm to its maximum speed. Upon release of the foot throttle, the engine speed will return to the rpm at which the hand throttle has been set, or idle, if the hand throttle is not at a preset position.



Figure 7 — Foot Throttle and Brake Controls

BRAKE CONTROLS

BRAKE PEDALS

The brake pedals are shown in Figure 8. The right brake pedal is used to brake the right wheel. The left pedal is used to brake the left rear wheel. Depress both pedals simultaneously to stop the tractor.

To assist in making sharp turns at slow speeds, depress the right or left brake pedals as required.



CAUTION: When operating the tractor at high speeds, never attempt to make sharp turns by using the brakes. Sharp turns at high speeds may result in tractor overturn.

BRAKE PEDAL LOCK

The brake pedal lock, shown in Figure 7, is used to secure the brake pedals together. Lock the pedals together whenever the tractor is operated at high speeds and at any time the tractor is used on the highway.

PARKING BRAKE CONTROL

The parking brake control, shown in Figure 8, is used for locking the brake pedals in the applied position. The parking brake should be applied whenever the tractor is parked.



Figure 8 — Parking Brake

To apply the brake:

- Lock the brake pedals together with the brake pedal lock.
- Depress both brake pedals.
- Pull up on the parking brake control. The pawl on the control will engage the teeth on the left-hand brake pedal and will retain the pedals in the applied position.

To release the parking brake:

- Depress the brake pedals to release the pawl.
- Unlock the brake pedals if operating conditions require independent rear wheel braking action.

DIFFERENTIAL CONTROL

DIFFERENTIAL LOCK PEDAL

The differential lock pedal is shown in Figure 9. Depressing the pedal locks the rear axle shafts together, providing additional traction in wet or loose soil. Refer to page 16 for differential lock operating information.



CAUTION: Tractor is very difficult to steer with differential lock engaged.



Figure 9 — Differential Lock

TRANSMISSION AND PTO CONTROLS

TRANSMISSION GEARSHIFT LEVERS

The transmission mainshift lever and range selector lever are shown in Figure 10. A diagram showing the shift pattern is cast into the transmission cover.

Three forward and one reverse speed are provided for each of the four ranges. This provides a total of 12 forward and four reverse speeds.



Figure 10 — Transmission Controls

CREEPER RANGE (ACCESSORY)

A creeper range option with a 7.78:1 ratio is available, which provides an additional 12 forward and four reverse speeds or a total of 24 forward and 8 reverse speeds. The control is located on the top left front of the rear-axle center housing, Figure 11. Full downward movement of the lever engages (ON) the creeper range. Full upward movement disengages (OFF) the creeper range.



Figure 11 — Creeper Range Lever (Accessory)

FOUR-WHEEL DRIVE (OPTIONAL)

The shift lever for the four-wheel drive is located on the top right hand front of the rear-axle center housing Figure 12.



Figure 12 — Four-Wheel Drive Lever (Optional)

Full downward movement of the lever disengages the four-wheel drive(OFF). Full upward movement engages the four-wheel drive(ON).

CLUTCH PEDAL

The foot-operated clutch pedal, Figure 13, must be completely depressed to start (to actuate safety start switch) the tractor or to stop forward travel and PTO shaft rotation. Always fully depress the pedal when changing gear ratios, four-wheel drive and creeper range.

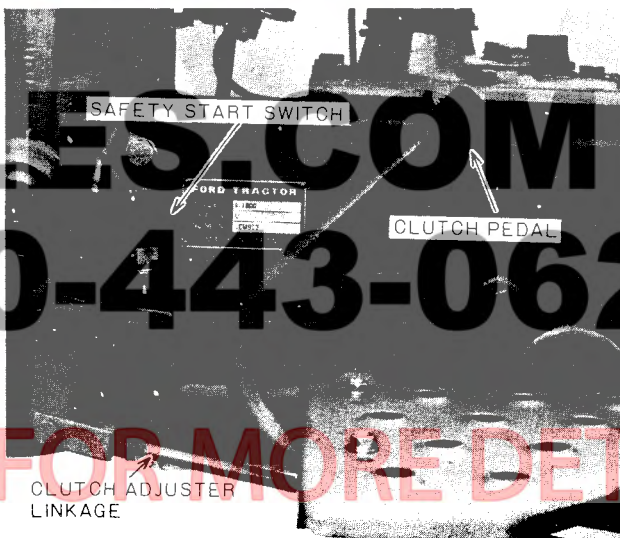


Figure 13 — Clutch Control