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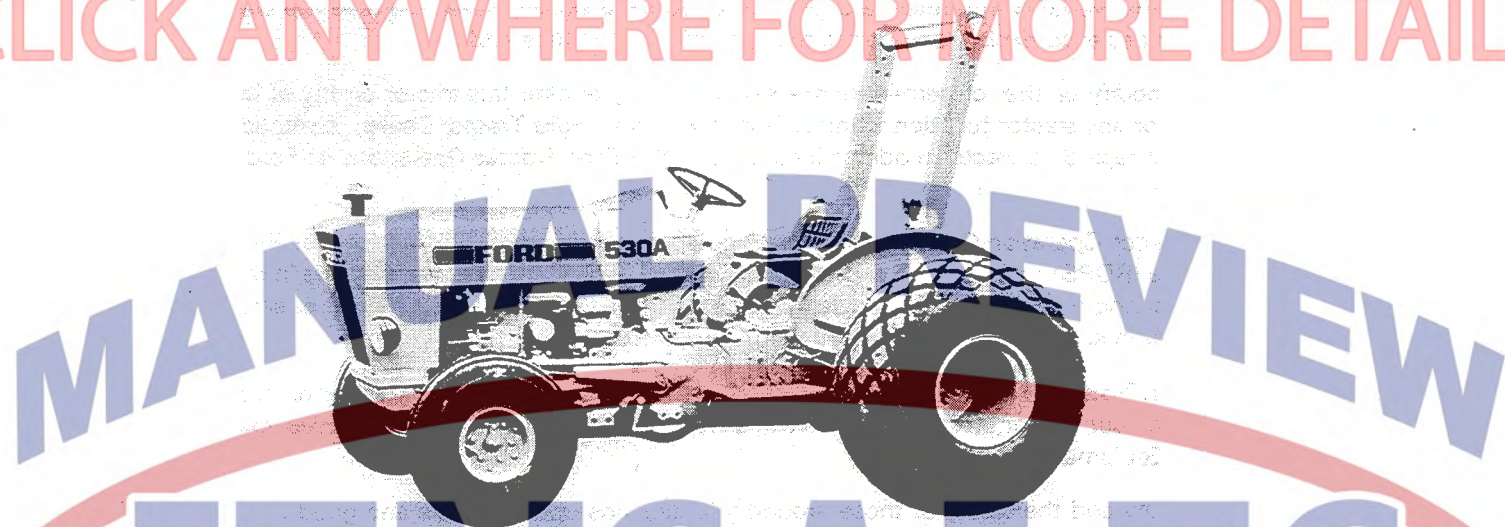
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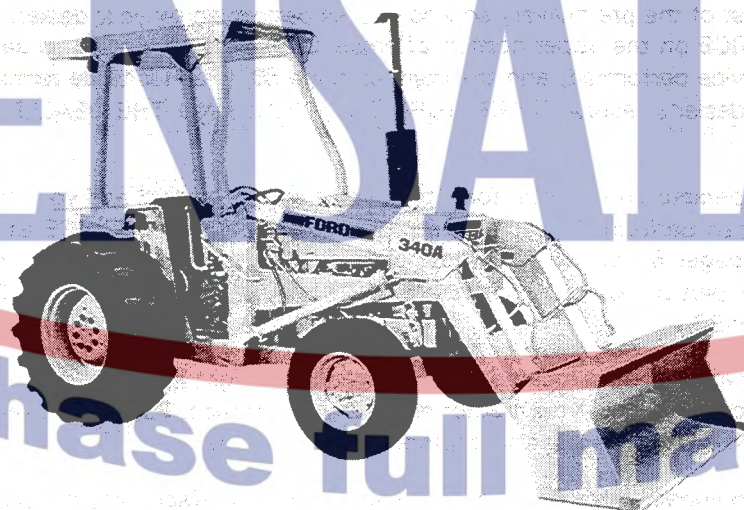
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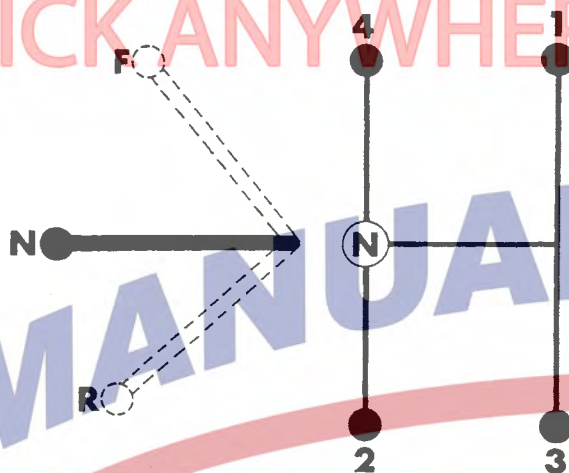


Figure 12
Power Reversing Transmission Gearshift Pattern

6 x 4 MANUAL TRANSMISSION

Ford 340A, 445, 540A and 545

The gearshift levers for the 6 x 4 manual transmission are shown in Figure 13. A diagram of the shift pattern (3) is provided directly below the Proof-Meter on the tractor. The transmission gearshift lever (1) is used to select 3 forward and two reverse gear ratios. The high-low shift lever (2) is used to select a high or low range in each gear, providing 6 forward and 4 reverse gear ratios.

IMPORTANT: Always depress the clutch pedal and stop the tractor before moving either lever.

Refer to page 24 for additional operating information.

8 x 2 MANUAL TRANSMISSION

Ford 230A, 340A, 445, 530A, 540A and 545

The gearshift levers for the 8 x 2 manual transmission are shown in Figure 14. A diagram of the shift pattern (1) is provided directly below the Proof-Meter on the tractor.

The transmission gearshift lever (2) is used with the high-low shift lever (3) to select one of the forward or reverse gears.

IMPORTANT: Always depress the clutch pedal and stop the tractor before moving either lever.

Refer to page 24 for additional operating information.

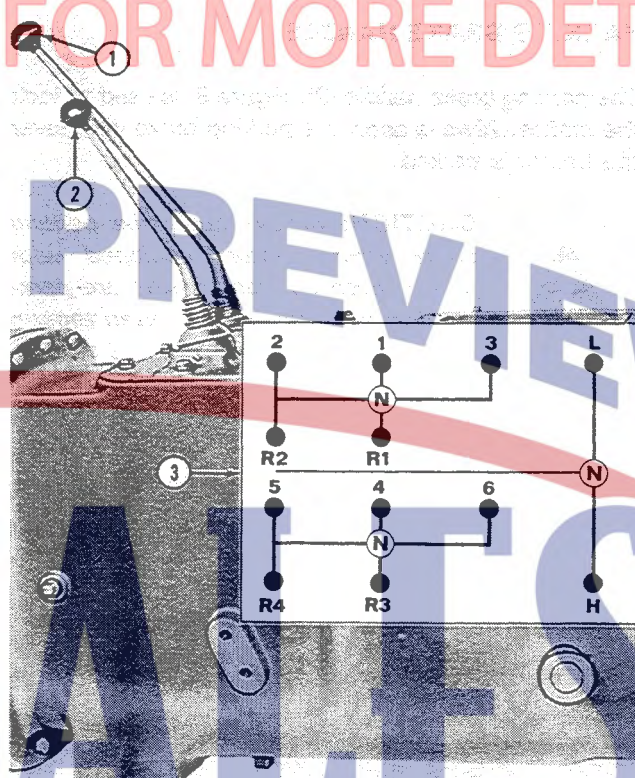


Figure 13
6 x 4 Manual Transmission Controls
1. Gearshift Lever 3. 6 x 4 Shift Pattern
2. High-Low Shift Lever 4. 6 x 2 Shift Pattern

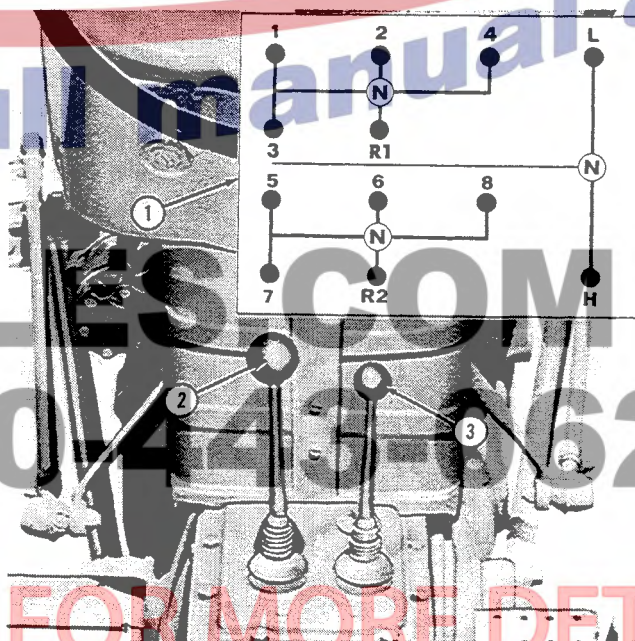


Figure 14
8 x 2 Manual Transmission
1. Shift Pattern 3. High-Low Shift Lever
2. Gearshift Lever

OPERATING THE PTO

1. Start the engine.
2. Raise and lower the equipment to assure that sufficient clearance exists.
3. Engage the PTO slowly to assure the driven equipment is free of obstructions. Refer to pages ●● and ●● for PTO control information.
4. Shift to the desired operating gear.

NOTE: Engage the PTO before entering the work area so engine rpm can increase to the required speed on tractors equipped with transmission PTO.

5. If plugging occurs, depress the clutch pedal, stop the tractor, and allow the machine to clear itself. If the machine will not clear itself:
 - Disengage the PTO.
 - Depress the clutch and shift the transmission to neutral.
 - Shut off the engine.

- Wait until the PTO has stopped turning before working on the machine.



WARNING: Do not approach or work on the PTO shaft or equipment with the PTO in motion. Disengage the PTO and stop the tractor engine before working on the PTO or equipment.

PTO SPEED AND ENGINE SPEED

The standard PTO speed is 540 rpm. Most equipment is designed to operate at this speed. The chart below indicates the engine speed required to provide a PTO speed of 540 rpm.

Transmission (Manual Shift)	Tractor Model	Engine Speed (rpm)	PTO Speed (rpm)
6 x 4	340A ⁽¹⁾⁽³⁾	1800	540
	445 ⁽¹⁾⁽³⁾	1800	540
	540A ⁽¹⁾	1800	540
	545 ⁽¹⁾⁽³⁾	1800	540
8 x 2	230A ⁽¹⁾⁽²⁾	1600	540
	340A ⁽³⁾	1800	540
	445 ⁽³⁾	1800	540
	530A ⁽¹⁾⁽²⁾	1600	540
	540A ⁽¹⁾⁽³⁾	1800	540
	545 ⁽³⁾	1800	540
8 x 4	230A ⁽²⁾	1800	540
	530A ⁽²⁾	1800	540

⁽¹⁾ Transmission PTO

⁽²⁾ Live PTO

⁽³⁾ Independent PTO



Figure 28
PTO Shield and Cap

1. PTO Shield
2. PTO Cap
3. Turn Counterclockwise to Remove Cap

TOWING THE TRACTOR

1. Place the transmission gearshift levers in neutral.
2. Do not tow the tractor more than 20 mph (32 kph).
3. If the tractor is to be moved a considerable distance, use a solid tow bar or arrange to transport the rig on a trailer.

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