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Ford
Operator's Manual
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CONTROLS AND INSTRUMENTS

SEAT, LIGHT, STEERING, AND ENGINE CONTROLS

TRACTOR SEAT

Your new Ford Tractor is equipped with a deluxe seat, Figure 1, that is adjustable both up and down and forward or rearward. To move the seat up or down, pull the height adjustment lever up until the pointer on the height indicator aligns with the desired seat height. The seat can be adjusted to any one of four height settings. To move the seat forward or rearward, push the horizontal adjustment lever rearward. Both adjustments should be made while sitting in the seat.

The seat is also adjustable for flotation to accommodate the weight of individual operators. Flotation adjustment is made by turning the flotation adjustment knob, Figure 2, until the pointer on the weight indicator is in the desired position. The adjustment should be made while off the tractor seat. Turning the knob in (clockwise) will result in a more firm flotation. Turning the knob out (counter-clockwise) will result in a softer flotation.

The seat cushion and arms can be tilted back, permitting you to stand. The seat cushion should be tilted back when not in use to help protect it from the weather.

SAFETY ROLL BAR AND SEAT BELT (OPTIONAL)

If your tractor is equipped with a safety roll bar and seat belt, remember that the protection offered

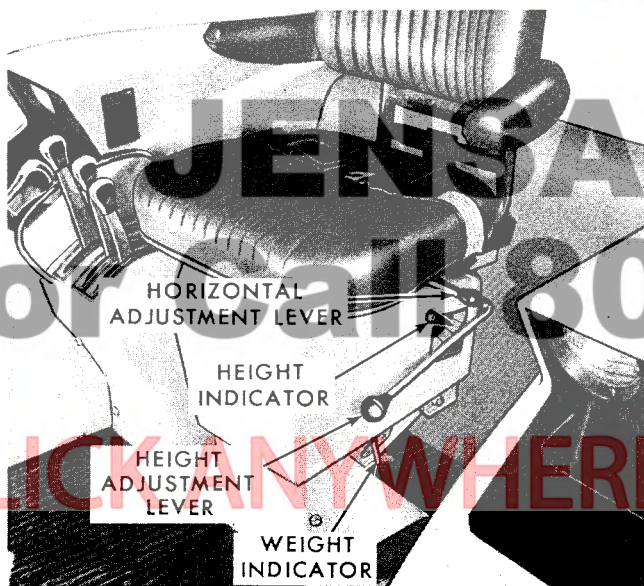


Figure 1
Deluxe Seat

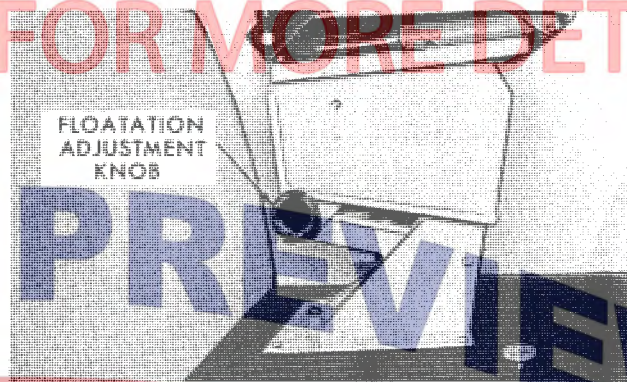


Figure 2
Deluxe Seat Flotation Adjustment Knob

by the roll bar alone will be less if your seat belt is not buckled. Use your seat belt—it may save your life.

CAUTION: Never attach chains, ropes, or the like to the roll bar for pulling purposes; this can be very dangerous, as the tractor can tip backward. Always pull from the tractor drawbar.

Be careful when driving through door openings or under low overhead objects. Make sure there is sufficient clearance for the roll bar to clear the structure or object.

Adjusting the Seat Belt

To lengthen the belt, tip the buckle end down, then pull on the buckle until the ends can be joined.

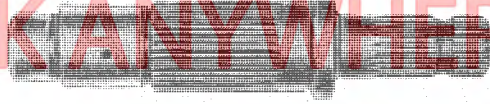
To shorten the belt, buckle it, then pull on the loose end until the belt is snug.

If the seat belt is to be cleaned, use soap and water. Do not use carbon tetrachloride, naphtha, etc., as it will weaken the webbing. Also, for the same reason, do not bleach or redye the webbing.

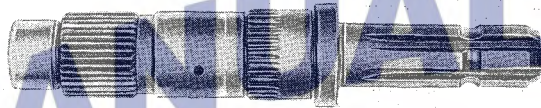
FLASHER WARNING LAMP

Your new Ford Tractor is equipped with a flasher warning lamp as standard equipment. See Figure 3. A switch on the lamp housing, or on the inside left wall of the cab, is used to turn the flasher on or off. The light switch, Figure 4, must be turned to its first, second, or third position before the flasher will operate.

For your protection, use the flasher warning lamp when traveling on public roads, day or night, unless prohibited by law in your state.



21-SPLINE P.T.O. SHAFT
1000 R.P.M.



6-SPLINE P.T.O. SHAFT
540 R.P.M.

Figure 18
P.T.O. Shafts

P.T.O. Shafts

Two P.T.O. shafts, Figure 18, are included as standard equipment, and both conform to the standards of the American Society of Agriculture Engineers (A.S.A.E.). The 6-spline shaft is for 540 rpm P.T.O. operation only. The 21-spline shaft is for 1000 rpm P.T.O. operation only.



CAUTION: When operating P.T.O.-Driven equipment, always disengage P.T.O., place the high-low shift lever in "Park", shut off the tractor engine, and wait for the P.T.O. to stop turning before getting off the tractor and before disconnecting the equipment. Also, never clean or adjust P.T.O.-Driven equipment with the tractor engine running.

IMPORTANT: Never use the 6-spline P.T.O. shaft if the power requirements of the equipment exceed 65 horsepower, as damage to the shaft and tractor P.T.O. components may result. If your equipment calls for more than 65 horsepower, use the 21-spline shaft. Also, never operate your tractor with the P.T.O. shaft removed. The shaft supports internal gears and acts as a bearing. Operation without the shaft may cause severe damage.

To change from one shaft to the other:

1. Remove the P.T.O. shaft cap, Insert, Figure 17.
2. Remove the retaining ring.
3. Pull the P.T.O. shaft from the tractor.

4. Clean the replacement shaft, making sure the lubrication hole in the shaft is not plugged.

5. Install the replacement shaft and retain it with the retaining ring.

NOTE: If difficulty is encountered when installing the 6-spline shaft, place a screwdriver in the slot, Figure 17, and turn the sleeve until the splines on the shaft will engage with the sleeve.

P.T.O. Shield and Cap

The P.T.O. shield and P.T.O. shaft cap, shown in the Insert, Figure 17, are provided as standard equipment. The shield serves as a supporting member for drive line shields used with pull-type P.T.O.-driven equipment, and provides for your safety. Always install the P.T.O. shield when using P.T.O.-driven equipment. When the P.T.O. is not being used, be sure to install the P.T.O. shaft cap.

Independent P.T.O.

The P.T.O. on your tractor is independent, meaning that it can be engaged, operated, and disengaged whether or not the tractor is in motion. Moving the P.T.O. shift lever, Figure 19, forward will engage the P.T.O., moving the lever rearward will stop the P.T.O. and apply a hydraulic P.T.O. brake. The brake will remain applied as long as the engine is running and the P.T.O. shift lever is rearward. When the engine is shut off, the brake will release so the P.T.O. shaft can be turned by hand when attaching equipment.

To operate P.T.O. equipment, comply with the following:

1. Attach the mounted or pull-type equipment with the engine off and the parking brake on. Be sure

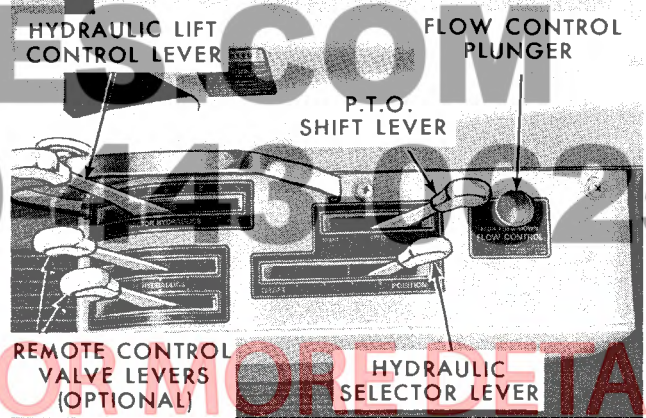


Figure 19
Hydraulic Lift System Control Levers

OPERATION

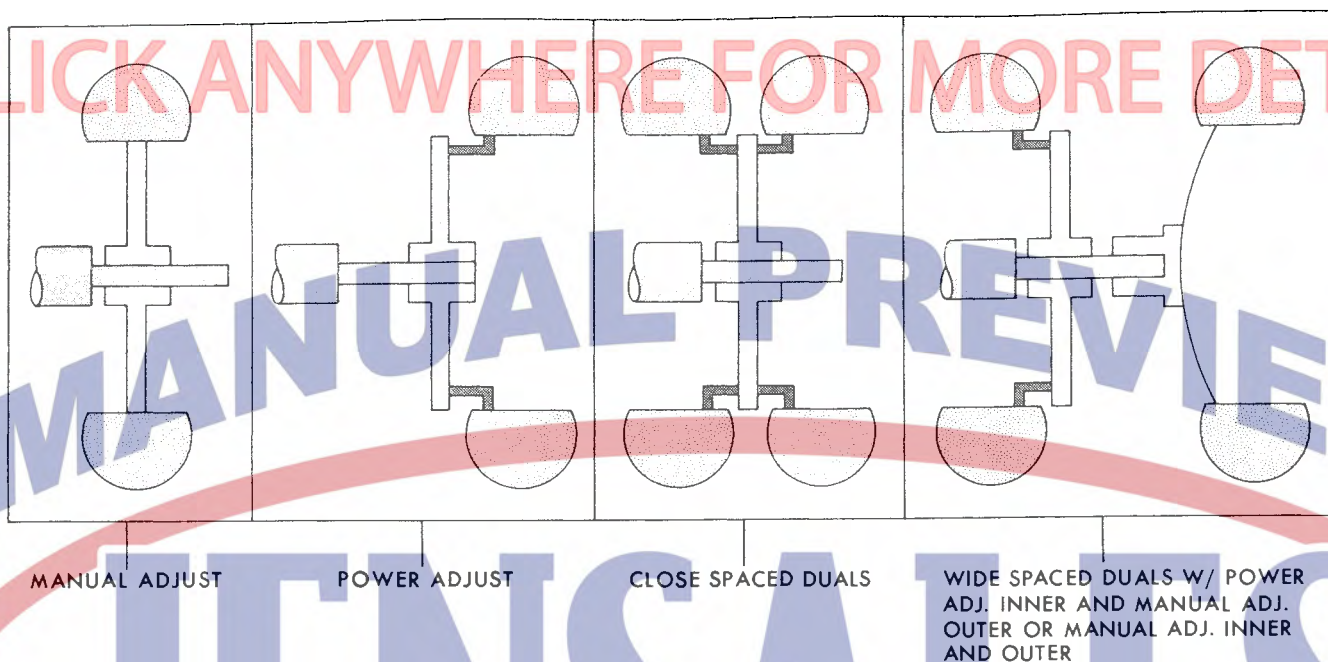


Figure 25
Available Rear Wheel Options

MANUALLY ADJUSTED REAR WHEELS

Four tire options are available for manually adjusted wheels. The table on page 25 lists the options and shows the minimum and maximum tread for each.

Figures 27, 28, and 29 show how the support blocks, rims, and wheel discs must be positioned to obtain specific tread settings. Use the illustration that applies to your tractor.

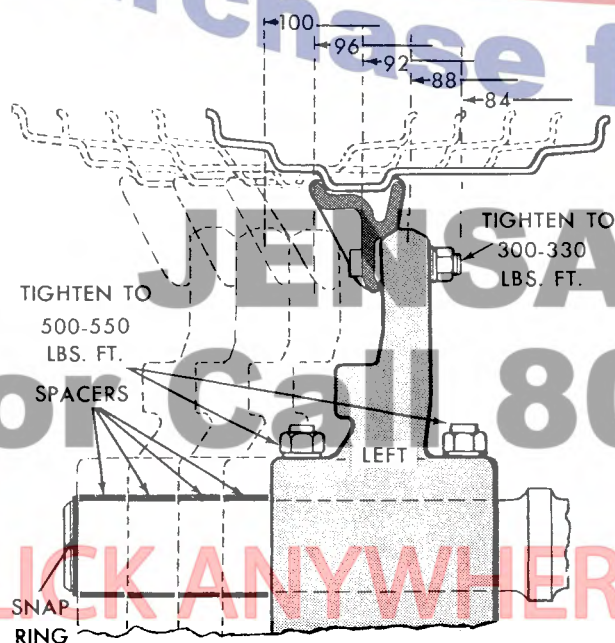


Figure 26
Example of How Spacers Affect Wheel Tread Settings—Manual Adjust Wheel Shown

The tread settings shown in Figures 27, 28, and 29 for the 100-inch (254.0 cm) axle are based on the assumption that the wheel assemblies are positioned fully outward on the axle (next to the snap ring). If one, two, three, or four spacers are installed between the hub of the wheel discs and the snap rings on the end of each axle shaft, the tread widths will decrease 4, 8, 12, or 16 inches (101.6, 203.2, 304.8, or 406.4 mm) accordingly.

The tables on page 24 are keyed to Figures 27, 28, and 29 to show tread width combinations that can be obtained by interchanging the wheel assemblies from one side of the tractor to the other. For example: If the tread width of your tractor is set to the width shown at "B", Figure 27, the tread setting can be changed to that shown at "R" by switching the wheels from one side of the tractor to the other. The same holds true for all of the settings listed in the tables. However, if, for example, you wish to change the tread width from "B" to "J", Figure 27, the wheel discs and support blocks must be repositioned on the rims as shown at "J".