

FORD

Operator's Manual



FORD
NEW HOLLAND

Tractors
Series 501, 701, and 901

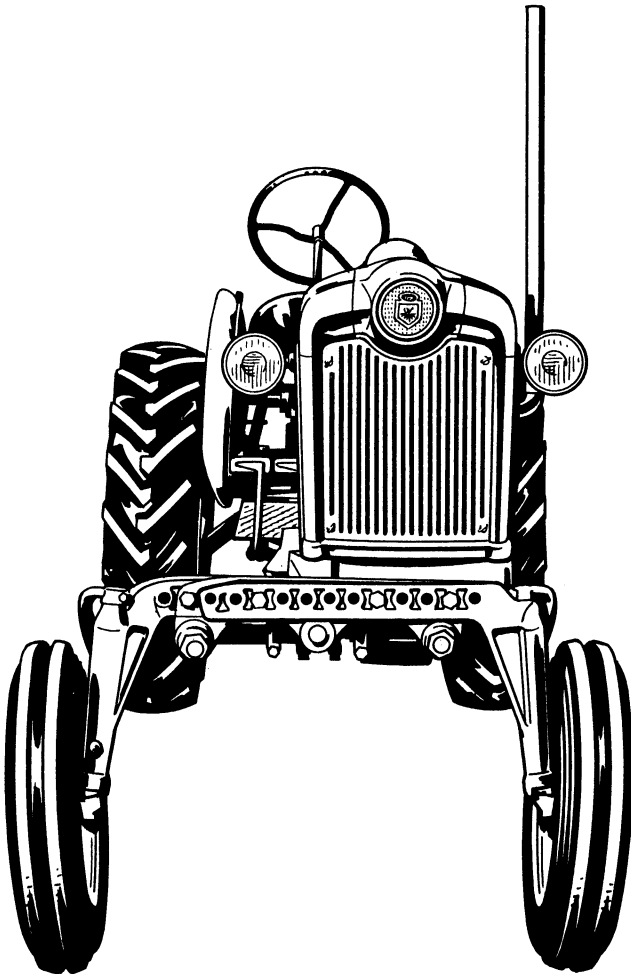
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Reprinted

OFFSET TRACTOR

Series 501



STANDARD AND OPTIONAL EQUIPMENT CHART

STANDARD EQUIPMENT	MODELS			541	541-4
	134 Cu. In. Gasoline Engine			X	X
	Vertical Exhaust			X	X
	Linkage Type Draw Bar			X	X
	3 Point Linkage			X	X
	Adjustable Toplink			X	X
	Hydraulic System			X	X
	4-Speed Transmission			X	X
	Transmission Driven P.T.O.			X	X
	550 - 16	4 Ply	Front Tires	X	X
	10 - 28	4 Ply	Rear Tires	X	
	10 - 38	4 Ply	Rear Tires		X
OPTIONAL EQUIPMENT	300 Lb. Stabilizer Weight			X	X
	Diesel Engine			X	X
	LP-Gas Engine			X	X
	Hydraulic Remote Control Valve			X	X
	11 x 28	4 Ply	Rear Tires	X	
	12 x 38	4 Ply	Rear Tires		X
	Manifold Heater Kit (For Diesel Tractor Only)			X	X

FOREWARD

Your new Series 501 Ford Offset Tractor is basically the same as the Model 741 tractor with the required modifications to obtain the offset feature. Model 541 is the standard offset tractor, Model 541-4 is the high clearance offset.

Information given in this manual covers only the portions of your tractor that are different from the Model 741 and should be used as a supplement to the regular owner's manual included in your owner's envelope.

**TRACTOR AND IMPLEMENT DIVISION
FORD MOTOR COMPANY
SERVICE DEPARTMENT**

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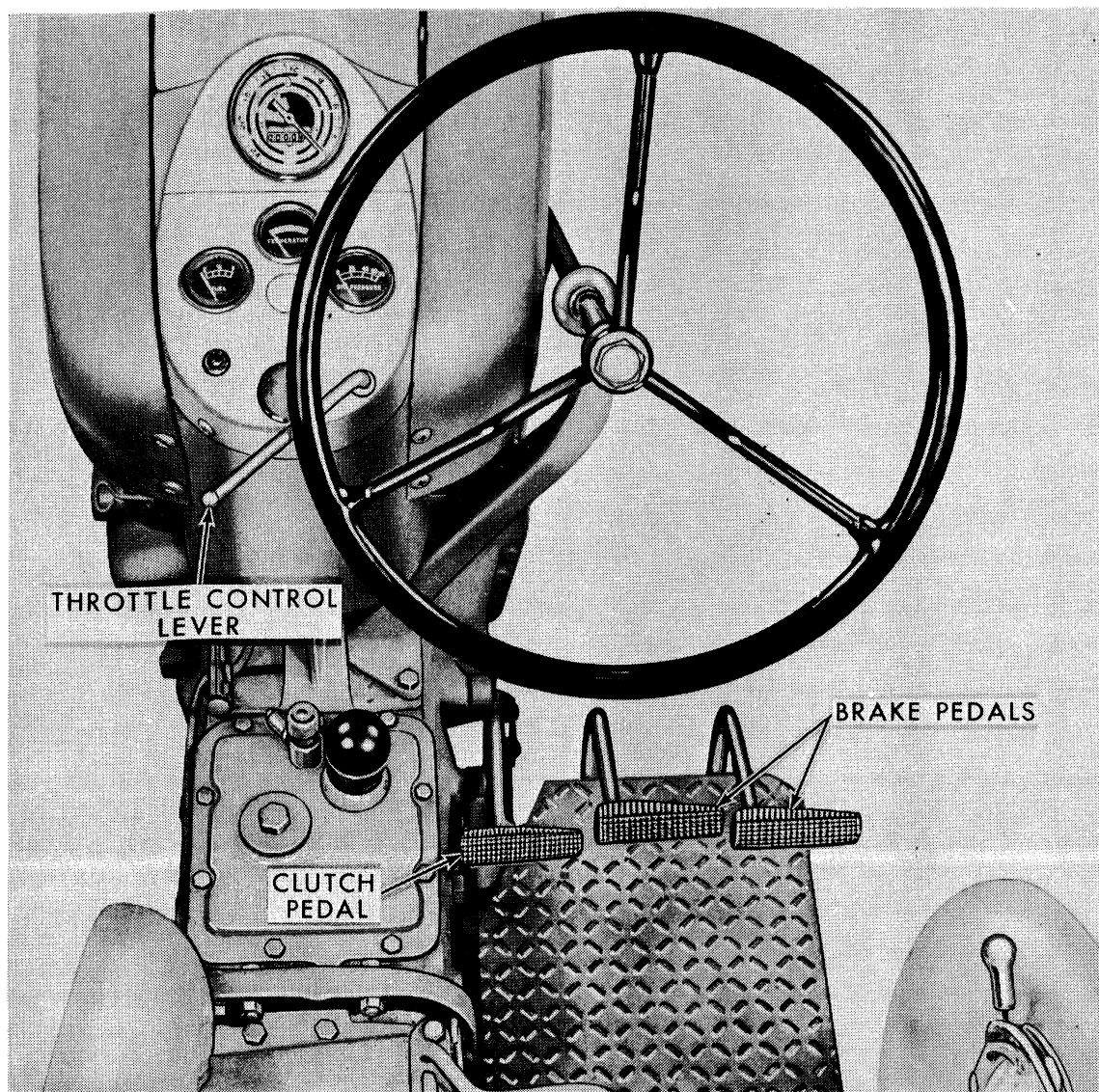


Figure 1
Controls and Instruments

CONTROLS

The design of the offset tractor necessitated the relocation of some of the controls as shown in Figures 1 and 2.

The throttle control lever is located on the right side of the instrument panel. Push the lever up to increase the engine speed. On diesel engine equipped tractors, the throttle lever must be pulled all the way down to shut the engine off.

The clutch pedal, brake pedals, brake pedal locks and power take-off lever are located as shown. The operation of these controls remain

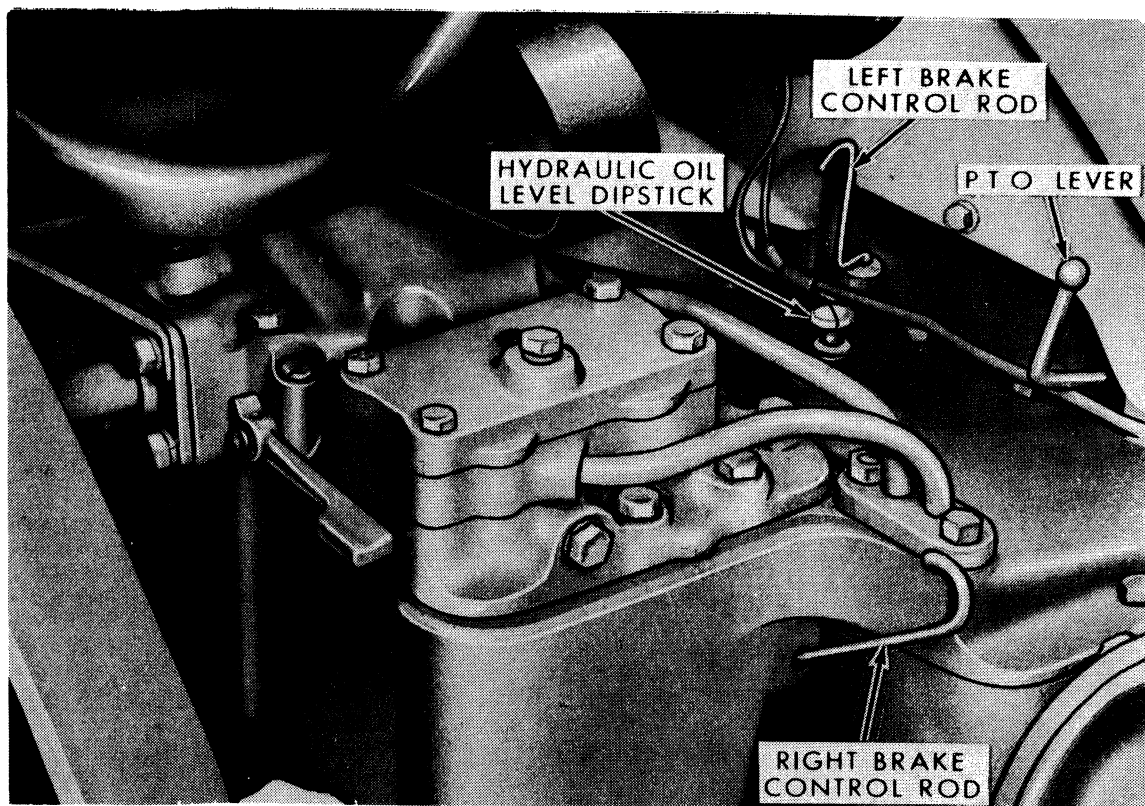


Figure 2
Brake Pedal Locks and P.T.O. Lever

the same as described in the Model 741 owner's manual supplied with your tractor.

OPERATION

Attaching Implements: Most implements can be easily and quickly attached to the tractor three point linkage. Operation of the lift links, leveling crank and three hole rocker shown in Figure 3 are the same as described in the Model 741 owner's manual.

The adjustable top link may be adjusted to suit implement operation requirements by releasing the lock and rotating the sleeve until the desired length is obtained. The standard length of 25 inches (as opposed to 23 on the Model 741) is obtained by adjusting the link as shown on a decal located on the sleeve (see Figure 3).

Drawbar: The linkage drawbar, Figure 4, which fits between the lower links is standard equipment on the offset tractor. The drawbar stays, Figure 4, should always be used with the linkage drawbar. Lock the lift control lever in the down position, see insert, Figure 4, to pre-

vent the operator from using the hydraulic system. The swinging drawbar, sold as an accessory, can be used by removing the left link as shown in Figure 5.

WHEEL TREAD ADJUSTMENT

Front Wheels: The front wheel tread adjustment for the offset tractor can be varied from 40" to 78" in approximately 4" spacings. To change the tread width, place a jack under the forward end of the transmission housing and lift the front wheels off the ground. Adjust one axle section at a time by first removing the two hex head bolts (1), Figure 6, that secure the axle half to the center axle. Then, remove the connecting rod square head set screw (2). Position the axle half in or out to obtain the desired wheel spacing.

Replace the hex head axle bolts (1), making sure there are at least two holes between each bolt. Install the flat washers and nuts and tighten the nuts evenly.

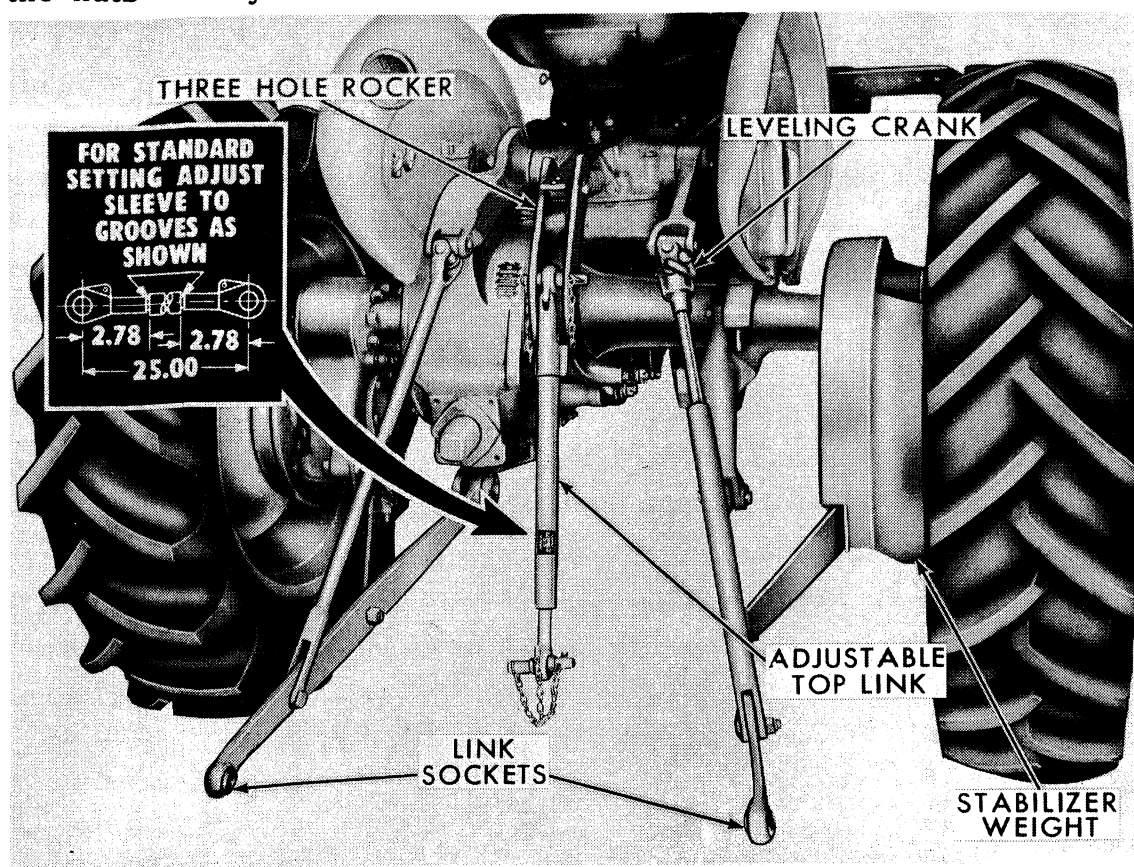


Figure 3

Leveling Crank and Adjustable Top Link

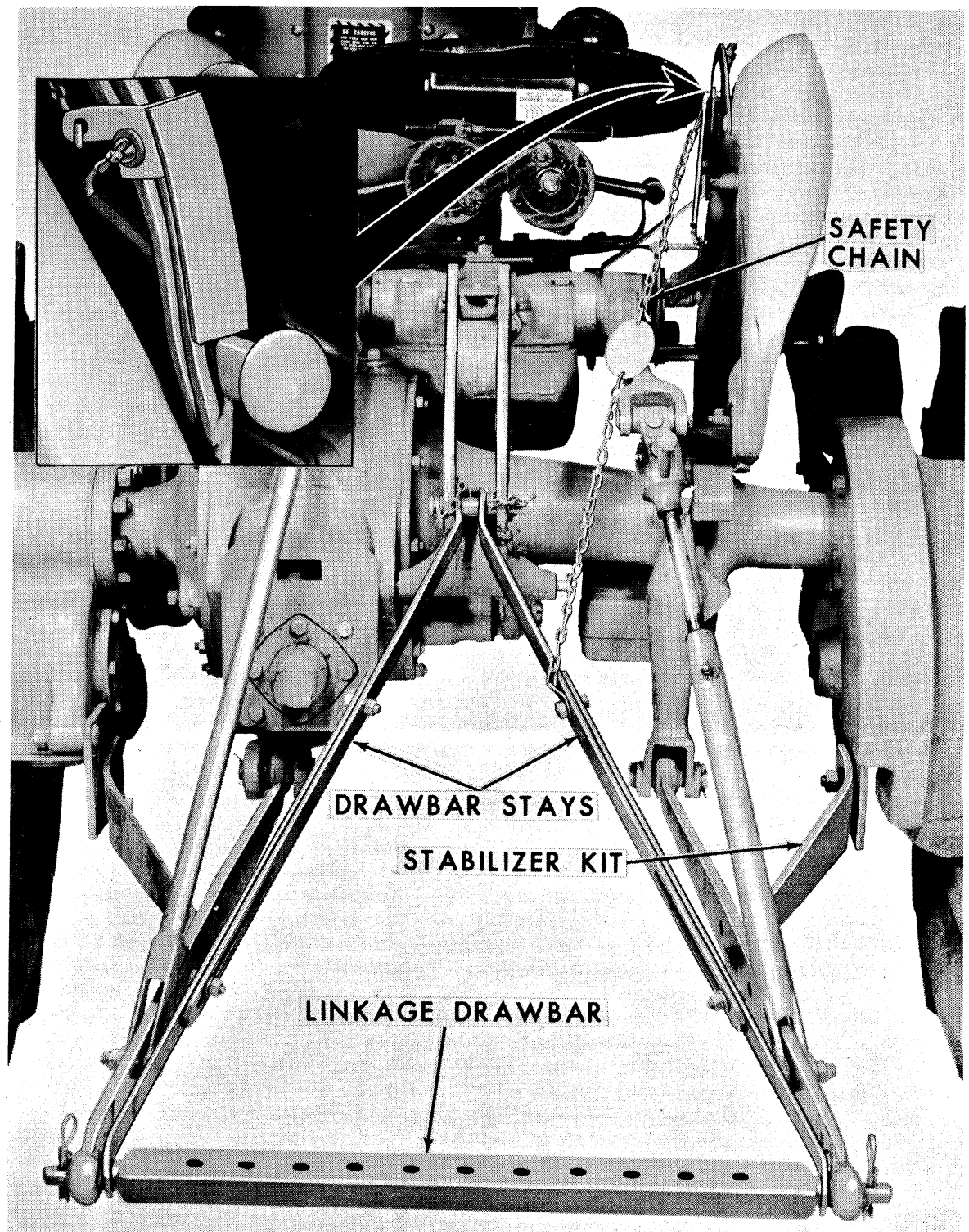


Figure 4
Drawbar Stays and Safety Chain

With the front wheels in the straight ahead position, align the hole in each spindle arm sleeve with the proper dimple in the connecting rod. This is best accomplished by looking through the hole in the sleeve to

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