

FORD 1600 OPERATOR'S MANUAL SUPPLEMENT



ABOUT THIS SUPPLEMENT

This supplement contains information on The Ford 1600 Four Wheel Drive Tractor. Use this supplement in conjunction with the Ford 1600 Operator's Manual, SE-3551, and follow instructions provided. Keep this supplement with your Operator's Manual for future reference.

OPERATION

With the clutch disengaged and the tractor stopped, pull back on the control lever, Figure 1, to engage the front axle. The vehicle is then in four-wheel drive in all speeds, both forward and reverse.

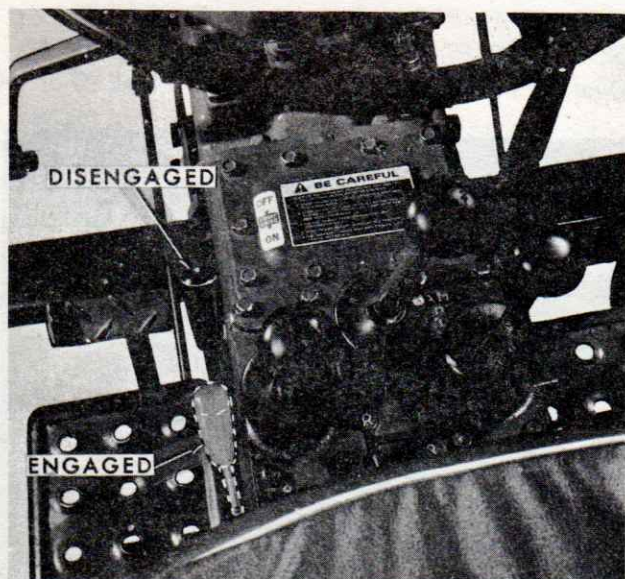


Figure 1
Four Wheel Drive Control Lever



CAUTION: Do not operate the tractor in four-wheel drive while driving on roads or at high speed.

To disengage the front axle, disengage the clutch and bring the tractor to a stop. Push the control lever fully forward. The vehicle is then in two-wheel drive.

FRONT WHEEL TREAD WIDTH ADJUSTMENT

The front wheel tread width can be adjusted to 45 inches (114 cm) or 52 inches (132 cm) by repositioning the wheel and disc assemblies on the front axle. When repositioning, the right wheel and disc should be placed on the left-hand hub, and the left wheel and disc placed on the right-hand hub so as to maintain correct tire tread travel.

Position the wheel and disc as shown in (A), Figure 2, to obtain the 45 inch (114 cm) setting. Position as shown in (B) to obtain the 52 inch (132 cm) setting. Tighten the wheel disc retaining bolts, 70-85 lbs. ft. (93-118 Nm).

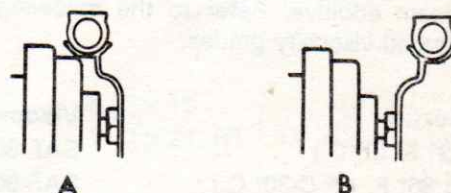


Figure 2
Front Wheel Tread Width Adjustment

LUBRICATION AND MAINTENANCE

The following maintenance procedures and intervals should be followed in addition to the procedures and intervals in the Ford 1600 Operator's Manual.

UPPER KING PINS

Grease the upper king pins, Figure 3, after every 50 hours of operation under normal conditions. In extremely dirty conditions, lubrication should be made more often. Use a good quality, multi-purpose, lithium base grease.

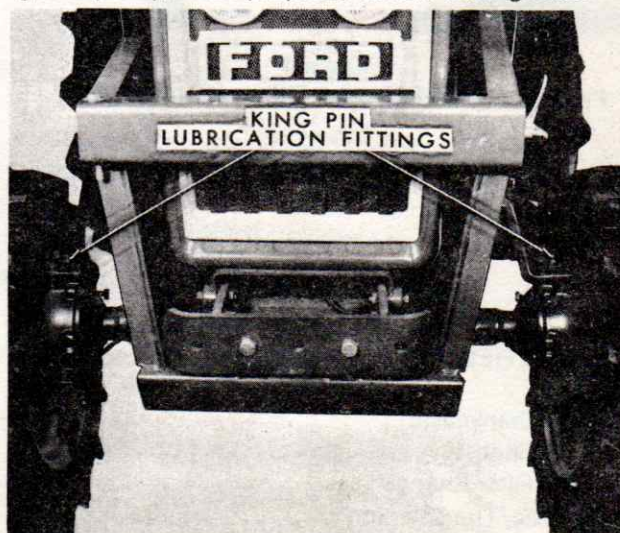


Figure 3
King Pin Lubrication Points

FRONT AXLE DIFFERENTIAL CASE

Checking Oil Level: Check the oil level in the front axle differential case every 50 hours.. A dipstick, Figure 4, is located on the top of the housing. When checking the oil level, screw the dipstick fully into the differential case, then remove it to determine the oil level.

Changing Oil: Drain the front axle differential case every 600 hours by removing the drain plug, Figure 4. Replenish with a high quality, extreme pressure gear lubricant with an anti-foam additive. Refer to the following chart for recommended viscosity grades.

Temperature	Viscosity Grade
Under 32° F. (0° C.)	SAE 80
32° F. to 86° F. (0° C-30° C.)	SAE 90
Over 86° F. (30° C)	SAE 90 or 140

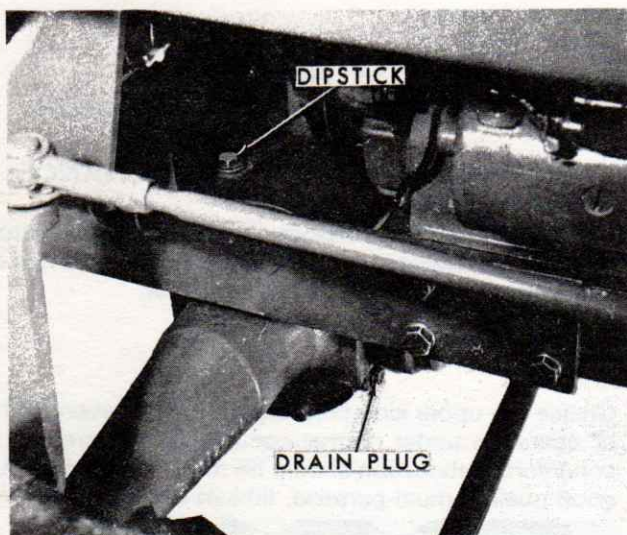


Figure 4
Front Axle Differential Fill and Drain Plugs

FINAL REDUCTION GEAR CASES

Checking Oil Level: Check the oil level in each final reduction gear case after every 50 hours of operation by removing the fill and level plug, Figure 5, on each gear case. The oil should be level with the bottom of the plug opening.

Changing Oil: Drain each final reduction gear case after every 600 hours of operation by removing the drain plug, Figure 5, on each gear case. Replenish with a high quality, extreme pressure gear lubricant with an anti-foam additive. Refer to the following chart for recommended viscosity grades.

Temperature	Viscosity Grade
Under 32° F. (0° C.)	SAE 80
32° F. to 86° F. (0° C-30° C.)	SAE 90
Over 86° F. (30° C.)	SAE 90 or 140

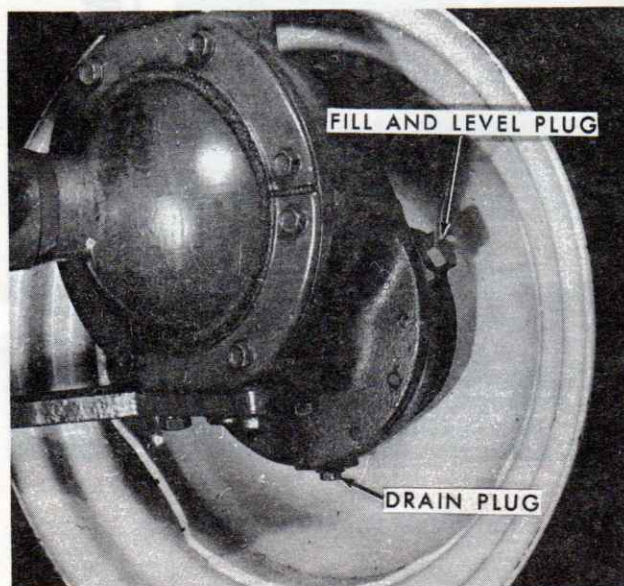


Figure 5
Final Reduction Gear Case Fill and Drain Plugs

SPECIFICATIONS

CAPACITIES

Engine Crankcase:

Less Filter	4.2 quarts (4 liters)
With Filter Change	4.5 quarts (4.3 liters)
Rear Axle/Transmission	23 quarts (21 liters)
Front Axle Differential Case	2.5 quarts (2.4 liters)
Front Axle Final Reduction Gear Case (each case)	.23 quarts (.22 liters)

SPECIFICATIONS (Continued)

STEERING

Turning Radius	7 ft. 11 in. (241.3 cm)
Front Wheel Toe-In	0- ½ in. (0-12.7 mm)

CAST IRON WEIGHTS

(3) Front End Weights	33 lbs. (14.9 kg) each
Front Wheel Weights	Not Available

TIRES*

Front	6.00 x 16
Rear	11.2 x 24, R1

GENERAL DIMENSIONS

Length	113 inches (287 cm)
Adjustable Width	
Front	45 and 52 inches (114 and 132 cm)
Front Axle Clearance	13 inches (33 cm)
Weight (Less ballast and weight packages)	2575 lbs. (1168 kg)
Wheelbase	66 inches (167.6 cm)

*These are the only tire sizes offered. DO NOT install tires of any other size so as to maintain proper drive ratios between the front and rear axles when the front drive axle is engaged.



FORD TRACTOR OPERATIONS

FORD MOTOR COMPANY

TROY, MICHIGAN

"Ford Motor Company, whose policy is one of continuous improvement, reserves the right to make changes in design and specifications at any time without notice and without obligation to modify units previously built."

SE 3551-S1 8785

PRINTED IN U.S.A.