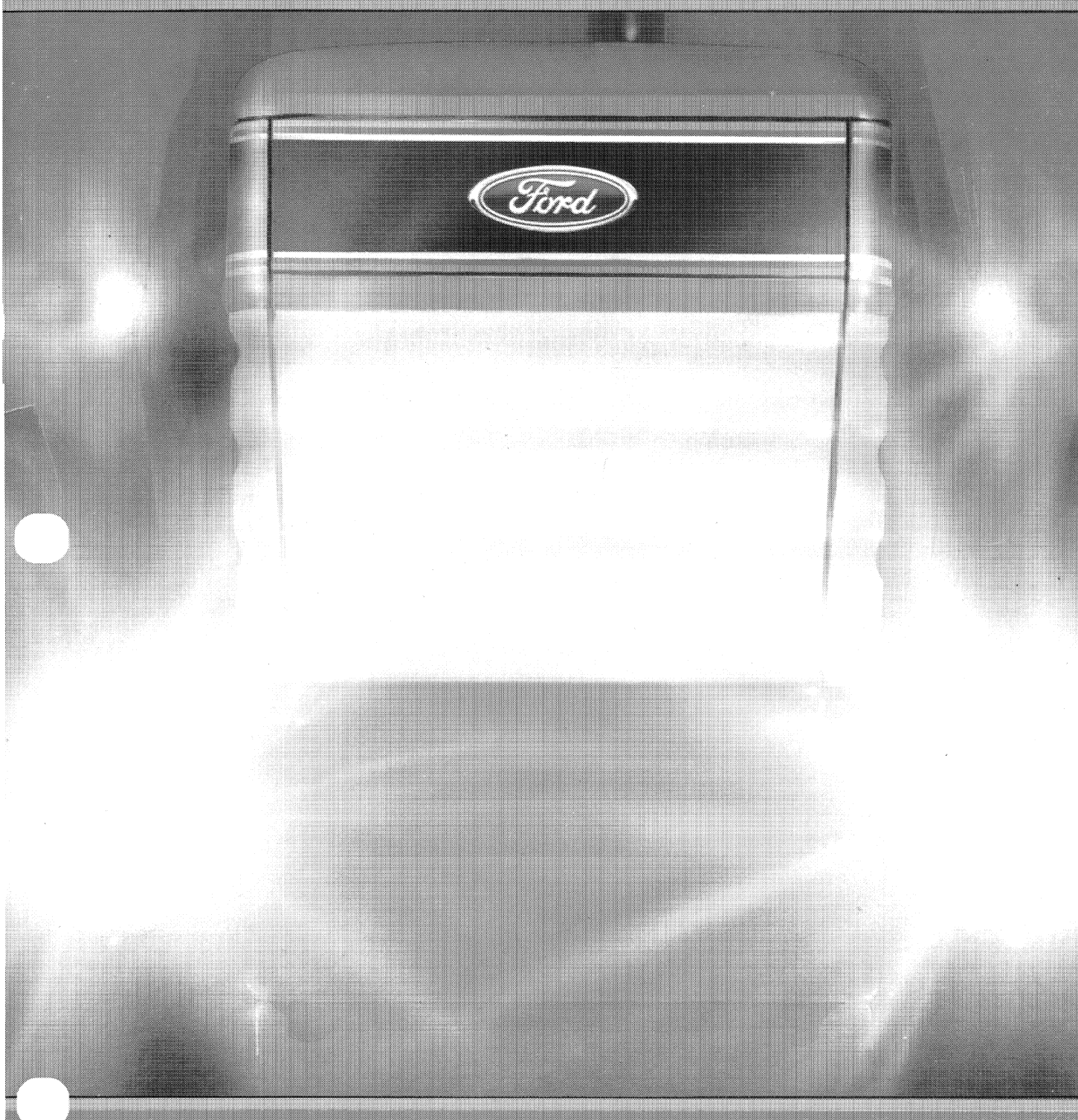


# Operator's Manual



**FORD 7710** 

42771010



## **DEAR CUSTOMER – PLEASE READ CAREFULLY**

The warranty coverage that is extended to your Ford Tractor is explained in the Warranty and Limitation of Liability, Ford Tractor and Equipment form. Your dealer will provide you with a copy of the warranty and retain a copy which you have signed. After you read the warranty, ask your dealer to explain any points that you may not understand.

Do not modify or alter or permit anyone else to modify or alter this tractor or any of its components or any tractor function without first consulting a Ford Tractor Dealer. If you have any questions regarding tractor modifications contact Ford Tractor Operations of Ford Motor Company.

A roll over protective structure (ROPS) and seat belt were standard equipment for the tractor at time of factory assembly. If the ROPS was deleted by the original purchaser or has been removed, it is recommended that you equip your tractor with a Roll Over Protective Structure (ROPS) and seat belt. ROPS and safety cabs are effective in reducing injuries during tractor overturn accidents. Overturning a tractor without a ROPS or safety cab can result in serious injury or death.

Roll Over Protective Structure (ROPS) safety cabs and seat belts are available for your Ford tractor. If your tractor is not equipped with a ROPS or safety cab and seat belt see your Ford Tractor Equipment Dealer.

Your safety and the safety of those around you depends upon the care and good judgment you use while operating this equipment. Read the safety precautions carefully.

For a complete list of the pre-delivery service checks performed by your dealer, refer to PRE-DELIVERY SERVICE on the upper portion of the following two pages. The first copy is your record of the service performed and the second copy, which is to be removed from the manual, is your dealer's record. **MAKE SURE THAT YOU AND THE DEALER SIGN BOTH COPIES.**

After you have operated your tractor for fifty hours, take the manual and your tractor to your dealer. He will then perform the factory recommended 50-HOUR SERVICE as listed on the lower portion of the following two pages – without charge – except for lubricants, hydraulic oil, or filters replaced as part of normal maintenance. **MAKE SURE THAT YOU AND THE DEALER SIGN BOTH COPIES.**

Your tractor is equipped with a new Ford engine. During manufacturing, the cylinder walls of some engines are sleeved. Both sleeved and unsleeved engines have the same operating characteristics.

## **PARTS AND SERVICE CATALOGUES AVAILABLE!**

Ford Tractor Operations is pleased to announce to owners of Ford tractors and equipment the availability of numerous parts and service catalogues.

To obtain these catalogues merely fill out the order form available from your local authorised Ford Tractor-Equipment Dealer. Mail with your remittance to Helm Inc. Your order will be processed promptly.

## PRE-DELIVERY SERVICE

### CHECK AND ADJUST AS REQUIRED

#### INOPERATIVE SERVICE CHECKS:

1. Tire pressure ..... ☐
2. Front wheel toe-in ..... ☐
3. Front and rear wheel disc and hub nuts for tightness ..... ☐
4. Rear wheel to rim clamp bolts, lock nuts, or jack screws for tightness ..... ☐
5. Front axle spindle nuts for proper tightness ..... ☐
6. Front axle support bolts for tightness ..... ☐
7. Check front axle differential oil level (Front wheel drive only) ..... ☐
8. Check front axle hub oil level (Front wheel drive only) ..... ☐
9. Check front weight mounting bolts for tightness ..... ☐
10. Radiator coolant level ..... ☐
11. All belt tensions ..... ☐
12. Engine oil level ..... ☐
13. Drain diesel fuel filter ..... ☐
14. Oil level in injector pump ..... ☐
15. Fuel level ..... ☐
16. Battery cleanliness, vent openings, electrolyte level, and specific gravity not less than 1.240 ..... ☐
17. Check all electrical cables and wire routings are away from sharp edges, moving parts and exhaust heat ..... ☐
18. Power steering reservoir oil level ..... ☐
19. Hydraulic system oil level ..... ☐

20. Hydraulic lift draft control mainspring adjustment ..... ☐
21. Upper link, drawbar and pin in position ..... ☐
22. Lift rod levelling crank for proper operation ..... ☐
23. Clutch pedal free travel ..... ☐
24. Brake pedal free travel, equalization, pedal lock ..... ☐
25. Parking brake operation ..... ☐
26. Cab door operation and seal condition ..... ☐
27. Cab door lock operation ..... ☐
28. Seat adjustment ..... ☐
29. Cab interior upholstery, trim and moldings ..... ☐
30. Cab window operation, window props and latches, seal condition ..... ☐
31. Cab sun visor operation ..... ☐
32. Cab filter installation ..... ☐
33. Tool box for Operators Manual ..... ☐
34. Sheet metal and paint condition ..... ☐

3. Windshield wiper/washer 2 speed operation ..... ☐
4. Heater temperature control ..... ☐
5. Pressurizer fan 3 speed operation ..... ☐
6. Air conditioner operation ..... ☐
7. Engine maximum no-load speed, idle speed adjustment, and fuel shut-off ..... ☐
8. PTO engagement and disengagement ..... ☐
9. Hydraulic system:
  - Draft and Position Control operation ..... ☐
  - Draft Control rocker for tension and compression loads ..... ☐
  - Auxiliary service control or remote control valve ..... ☐
10. Fluid and oil leaks ..... ☐
11. Seat belt and rollbars properly installed ..... ☐

#### OPERATIVE SERVICE CHECKS:

All operating checks are to be performed with the tractor at normal operating temperature.

1. Starter safety switch operation ..... ☐
2. Lights and instruments for proper operation ..... ☐

#### PERFORMANCE SERVICE CHECKS

1. Engine operation including throttle and governor operation ..... ☐
2. Transmission including clutch ..... ☐
3. Differential lock engagement and disengagement ..... ☐
4. Steering control ..... ☐
5. Brake action ..... ☐
6. All optional equipment and accessories ..... ☐

TRACTOR MODEL NO. \_\_\_\_\_

INSPECTION PERFORMED – SAFETY  
PRECAUTIONS AND WARRANTY  
EXPLAINED

TRACTOR SERIAL NO. \_\_\_\_\_

OWNER'S SIGNATURE \_\_\_\_\_

DATE \_\_\_\_\_

DEALER'S SIGNATURE \_\_\_\_\_

DATE \_\_\_\_\_

## 50-HOUR SERVICE

### CHECK AND ADJUST AS REQUIRED

1. Change Engine Oil and Filter ..... ☐
2. Change Hydraulic Inlet Filter ..... ☐
3. Drain Fuel Filter and Bleed System ..... ☐
4. Change Injection Pump Oil ..... ☐
5. Tighten Pump Delivery Valve Holders ..... ☐
6. Check Cylinder Head Bolt Torques and Adjust Engine Valve Clearance ..... ☐
7. Check and Adjust Belt Tension ..... ☐
8. Check and Adjust Brake and Clutch Linkage ..... ☐
9. Check Torque on Front and Rear Wheel Lug Nuts ..... ☐
10. Check Torque on Rear Wheel Rim-to-Disc Clamp Bolts ..... ☐
11. Check Torque on Front Weight Clamp Bolts and Weight Hanger Mounting Bolts ..... ☐
12. Change Front Axle Differential Oil (Front Wheel Drive Only) ..... ☐
13. Change Front Axle Hub Oil (Front Wheel Drive Only) ..... ☐

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DATE \_\_\_\_\_

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DATE \_\_\_\_\_



## PRE-DELIVERY SERVICE

### CHECK AND ADJUST AS REQUIRED

#### INOPERATIVE SERVICE CHECKS:

1. Tire pressure ..... ☐
2. Front wheel toe-in ..... ☐
3. Front and rear wheel disc and hub nuts for tightness..... ☐
4. Rear wheel to rim clamp bolts, lock nuts, or jack screws for tightness..... ☐
5. Front axle spindle nuts for proper tightness ..... ☐
6. Front axle support bolts for tightness ..... ☐
7. Check front axle differential oil level (Front wheel drive only) ..... ☐
8. Check front axle hub oil level (Front wheel drive only) ..... ☐
9. Check front weight mounting bolts for tightness..... ☐
10. Radiator coolant level..... ☐
11. All belt tensions ..... ☐
12. Engine oil level..... ☐
13. Drain diesel fuel filter..... ☐
14. Oil level in injector pump..... ☐
15. Fuel level..... ☐
16. Battery cleanliness, vent openings, electrolyte level, and specific gravity not less than 1.240 ..... ☐
17. Check all electrical cables and wire routings are away from sharp edges, moving parts and exhaust heat ..... ☐
18. Power steering reservoir oil level..... ☐
19. Hydraulic system oil level ..... ☐

20. Hydraulic lift draft control mainspring adjustment ..... ☐
21. Upper link, drawbar and pin in position ..... ☐
22. Lift rod levelling crank for proper operation ..... ☐
23. Clutch pedal free travel ..... ☐
24. Brake pedal free travel, equalization, pedal lock..... ☐
25. Parking brake operation ..... ☐
26. Cab door operation and seal condition ..... ☐
27. Cab door lock operation..... ☐
28. Seat adjustment ..... ☐
29. Cab interior upholstery, trim and moldings ..... ☐
30. Cab window operation, window props and latches, seal condition..... ☐
31. Cab sun visor operation ..... ☐
32. Cab filter installation ..... ☐
33. Tool box for Operators Manual..... ☐
34. Sheet metal and paint condition ..... ☐

3. Windshield wiper/washer 2 speed operation ..... ☐
4. Heater temperature control ..... ☐
5. Pressurizer fan 3 speed operation..... ☐
6. Air conditioner operation ..... ☐
7. Engine maximum no-load speed, idle speed adjustment, and fuel shut-off..... ☐
8. PTO engagement and disengagement... ☐
9. Hydraulic system:
  - Draft and Position Control operation ..... ☐
  - Draft Control rocker for tension and compression loads..... ☐
  - Auxiliary service control or remote control valve..... ☐
10. Fluid and oil leaks ..... ☐
11. Seat belt and rollbars properly installed..... ☐

#### OPERATIVE SERVICE CHECKS:

All operating checks are to be performed with the tractor at normal operating temperature.

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1. Engine operation including throttle and governor operation ..... ☐
2. Transmission including clutch ..... ☐
3. Differential lock engagement and disengagement ..... ☐
4. Steering control..... ☐
5. Brake action..... ☐
6. All optional equipment and accessories ..... ☐

TRACTOR MODEL NO. \_\_\_\_\_

INSPECTION PERFORMED – SAFETY  
PRECAUTIONS AND WARRANTY  
EXPLAINED

TRACTOR SERIAL NO. \_\_\_\_\_

OWNER'S SIGNATURE \_\_\_\_\_

DATE \_\_\_\_\_

DEALER'S SIGNATURE \_\_\_\_\_

DATE \_\_\_\_\_

## 50-HOUR SERVICE

### CHECK AND ADJUST AS REQUIRED

1. Change Engine Oil and Filter ..... ☐
2. Change Hydraulic Inlet Filter..... ☐
3. Drain Fuel Filter and Bleed System..... ☐
4. Change Injection Pump Oil ..... ☐
5. Tighten Pump Delivery Valve Holders..... ☐
6. Check Cylinder Head Bolt Torques and Adjust Engine Valve Clearance..... ☐
7. Check and Adjust Belt Tension ..... ☐
8. Check and Adjust Brake and Clutch Linkage..... ☐
9. Check Torque on Front and Rear Wheel Lug Nuts..... ☐
10. Check Torque on Rear Wheel Rim-to-Disc Clamp Bolts ..... ☐
11. Check Torque on Front Weight Clamp Bolts and Weight Hanger Mounting Bolts..... ☐
12. Change Front Axle Differential Oil (Front Wheel Drive Only) ..... ☐
13. Change Front Axle Hub Oil (Front Wheel Drive Only) ..... ☐

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DATE \_\_\_\_\_

DEALER'S SIGNATURE \_\_\_\_\_

DATE \_\_\_\_\_


# FOREWORD

This Manual has been prepared to assist you in the correct procedure for running-in, operation and maintenance of your new Ford Tractor. The Manual covers tractors with and less cab and where obvious differences occur both versions are illustrated or described in the text.


Your tractor has been designed and built to give maximum performance, economy and ease of operation under a wide variety of operating conditions. Prior to delivery, the tractor was carefully inspected, both at the factory and by your Ford tractor dealer to ensure that it reaches you in optimum condition. To maintain this condition and ensure trouble-free operation, it is important that the routine services, as specified in this Manual, are carried out at the recommended intervals.

Read this Manual carefully and keep it in a convenient place for future reference. If at any time you require advice concerning your tractor, do not hesitate to contact your authorised Ford tractor dealer. He has factory trained personnel, genuine Ford parts and the necessary equipment to carry out your service requirements.

A vehicle identification plate is located under the radiator cap access panel. If your tractor is equipped with front wheel drive transmission, then a similar plate is affixed to the rear of the front axle casing. For convenience, the numbers shown on the plates should be recorded in the panels below and quoted to your Ford tractor dealer should the tractor require service.

		<b>Ford Tractor Operations</b>	
MADE IN ENGLAND			
TRACTOR NUMBER			
<input type="text"/>			
MODEL		UNIT	
<input type="text"/>		<input type="text"/>	
ENGINE			
<input type="text"/>			
TRANSMISSION		REAR AXLE	
<input type="text"/>		<input type="text"/>	
HYDRAULIC PUMP		HYDRAULIC LIFT	
<input type="text"/>		<input type="text"/>	
E2NN 9401631 AB			

**Vehicle Identification Plate**

			
<b>Zahnradfabrik Passau GmbH</b>			
Made in West Germany			
Type		Serial-No	
<input type="text"/>		<input type="text"/>	
Parts List No		Total Ratio/Version	
<input type="text"/>		<input type="text"/>	
Oil	ltr	List of lubricants	
<input type="text"/>	<input type="text"/>	TE-ML	
<input type="text"/>	<input type="text"/>	TE-ML	
<input type="text"/>	<input type="text"/>	TE-ML	
Customer's Code No		<input type="text"/>	

OM208

**Front Axle Identification Plate**

*Ford policy is one of continuous improvement, and the right to change prices, specification or equipment at any time without notice is reserved.*

*All data given in this book is subject to production variations. Dimensions and weights are approximate only and the illustrations do not necessarily show tractors in standard condition. For exact information about any particular tractor please consult your Ford tractor dealer.*

Thank you so much for reading.  
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complete manual.



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You can download the most  
perfect and complete manual in  
the world immediately.

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