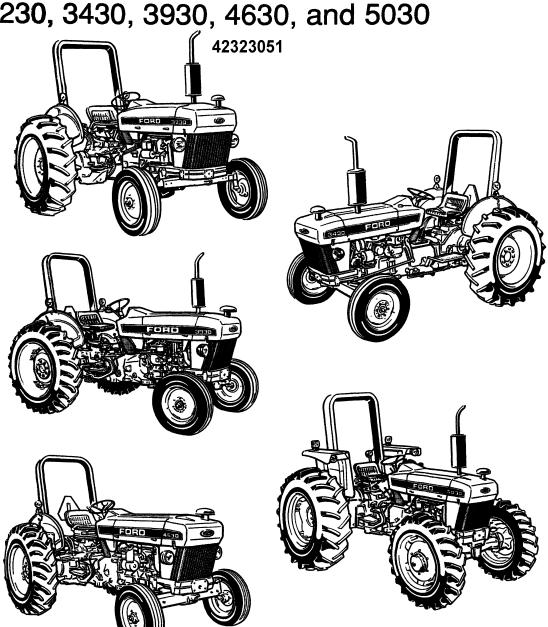
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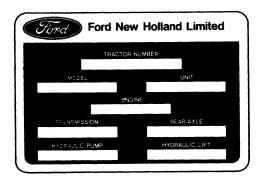
Operator's Manual

Tractors 3230, 3430, 3930, 4630, and 5030

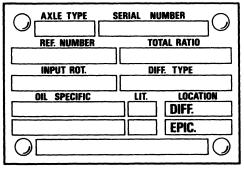


Reprinted

A vehicle identification plate is located under the tractor hood. In addition, if your tractor is equipped with optional four wheel drive, a similar plate is affixed to the rear surface of the front axle housing. For convenience, the numbers shown on the plates should be recorded in the panels below and quoted to your Ford New Holland dealer in the event the tractor requires service.



Vehicle Identification Plate



Front Axle Identification Plate

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ABOUT THIS MANUAL

This Manual has been prepared to assist you in the correct procedure for break-in, operation and maintenance of your new Ford tractor.

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 New Holland 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.

The upper portion of pages xv and xvii are pre-delivery inspection sheets. The first sheet (page xv) is the dealers' copy and should be removed by the dealer after the inspection has been carried out. The second sheet (page xvii) is your copy of the service performed. Ensure that you and the dealer sign both copies. After you have operated the tractor for 50 hours, take your tractor, together with this Manual, to your dealer. He will then perform the factory recommended 50 hour service as listed on the lower portion of pages xv and xvii. Ensure that you and the dealer sign both copies.

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 authorized Ford New Holland dealer. He has factory trained personnel, genuine Ford parts and the necessary equipment to carry out all your service requirements.

Ford New Holland 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 New Holland dealer.

INTRODUCTION

DEAR CUSTOMER - PLEASE READ CAREFULLY

The warranty coverage that is extended to your Ford tractor is explained in the Warranty and Limitation of Liability form, a copy of which forms pages v and vi of this book. A further copy will be provided (pages vii and viii) which your dealer will remove from the book and ask you to sign after you have read it. Ask your dealer to explain any points that you do 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 New Holland Dealer. If you have any questions regarding tractor modification contact Ford New Holland, Inc., at one of the addresses shown on the following page.

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 customer or has been removed, it is recommended that you equip your tractor with a Roll Over Protection Structure (ROPS) and seat belt. ROPS and seat belts are effective in reducing injuries during tractor overturn accidents. Overturning a tractor without ROPS can result in serious injury or death. Further instructions regarding the care and use of the ROPS will be found on page ix of this book.

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

Safety and instructional decals should be kept clean and replaced if they become damaged, illegible or are missing. Pictures of the safety decals as well as placement instructions are to be found on pages x and xi of this book.

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.

PARTS AND SERVICE CATALOGUES AVAILABLE!

Ford New Holland 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 authorized Ford New Holland Dealer.

ROPS

ROLL OVER PROTECTIVE STRUCTURES

A Roll Over Protective Structure (ROPS) and seat belt were standard equipment for the tractor at time of factory assembly. The seat belt, when used by the operator, maximizes the protection offered by the ROPS. Always use your seat belt when the ROPS is installed – seat belts save lives when they are used. Do not use your seat belt if the ROPS is not installed on the tractor.

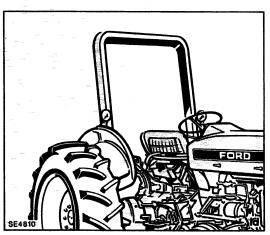
If the ROPS was deleted by the original purchaser or has been removed, it is recommended that you equip your tractor with a Roll Over Protective Structure and seat belt. ROPS, when used with a seat belt, are effective in reducing injuries during tractor overturn accidents. Overturning a tractor without a ROPS can result in serious injury or death.

A Roll Over Protective Structure and seat belt are available from your Ford New Holland dealer.

ROPS MAINTENANCE AND INSPECTION

After the first 20 hours of operation and every 300 hours of operation (or six months, whichever comes first):

- 1. Check the torque of the ROPS/safety cab mounting bolts. Tighten, if necessary, to 180-220 lbf.ft. (244 298 Nm).
- 2. Check the operator's seat mounting bolts and the seat belt mounting points. Tighten bolts to torque and replace any worn or damaged parts.



Ford Roll Over Protective Structure (ROPS)

DAMAGE TO THE ROPS

If the tractor has rolled over or the ROPS has been damaged (such as striking an overhead object during transport), it must be replaced to provide the original protection.

After an accident, check for damage to the (1) ROPS, (2) operator's seat, (3) seat belt and seat belt mountings. Before you operate the tractor, replace all damaged parts.

DO NOT TRY TO WELD OR STRAIGHTEN THE ROPS.

WARNING: Never attach chains, ropes or cables to the ROPS for pulling purposes; this will cause the tractor to tip backwards. Always pull from the tractor drawbar. Be careful when driving through door openings or under low overhead objects. Make sure there is sufficient overhead clearance for the ROPS.

WARNING: If the ROPS is removed or replaced, make certain that the proper hardware is used to replace the ROPS and the recommended torque values are applied to the attaching bolts.

WARNING: Always wear your seat belt if the tractor is equipped with a ROPS or safety cab. Do not use the seat belt if the ROPS is removed from the tractor.

FALLING OBJECT PROTECTIVE STRUCTURE (FOPS)

When a tractor is equipped with a front end loader and is not equipped with a safety cab, it is recommended that the tractor be fitted with a FOPS canopy to protect the operator from falling objects.

SAFETY DECALS

Replace all missing, damaged or illegible decals.



TO JUMP START

(Negative Grounded Battery)

- 1. Shield eyes. 2. Connect end of one cable to positive (+) terminals of each battery. 3. Connect one end of other cable to negative (-) terminal of "Good" battery.
 4. Connect other end to engine block of vehicle being started. TO PREVENT DAMAGE to other electrical components on vehicle being started, make certain that engine is
- at idle speed before disconnecting jumper cables.

E9NN-10661-BA

WARNING

- Before starting and operating
 - Know the operating and safety instruction in the operator's manual and on the tractor.
 - Clear the area of bystanders.
 - Locate and know operation of controls.
 - Fasten your seat belt.
- Start engine only from operators seat with transmission in neutral, PTO disengaged and hydraulic controls in lowered position.
- Avoid accidental contact with gear shift lever while the engine is running. Unexpected tractor movement can result.
- Slow down on turns, rough ground and slopes to avoid upset.
- Do not permit anyone but the operator to ride on the tractor. There is no safe place for riders.
- Lock brakes together, use warning lights and SMV emblem while driving on roads.
- Lower equipment, place gear shift levers in neutral, stop engine and apply parking brake before leaving tractor seat.

FAILURE TO FOLLOW ANY OF THE INSTRUCTIONS ABOVE CAN CAUSE SERIOUS INJURY TO THE OPERATOR OR OTHER PERSONS.

lacement manuals are available from your Ford New Holland

Part No. FONN-16A901-AA Location: Right-hand fender

Location: Top of battery

Part No. E9NN-10661-BA

WARNING

- SET PARKING BRAKE AND PLACE SHIFT LEVERS IN **NEUTRAL BEFORE DISMOUNTING.**
- FAILURE TO OBSERVE THE ABOVE WARNING MAY ALLOW TRACTOR MOVEMENT CAUSING PERSONAL INJURY.

Part No. E4NN-7Z273-DA Location: Right-hand fender

⚠ WARNING

- Start engine only from operators seat. If safety start switch is bypassed engine can start with transmission in gear.
- Do not connect or short across terminals on starter solenoid.
- Attach booster cables as shown on. battery decal and operators manual.

Starting in gear causing runaway canresult in serious injury.

EINN-16A901-EA

Part No. E1NN-16A901-EA Location: Starting motor

SAFETY DECALS

Replace all missing, damaged or illegible decals.

A WARNING

- Pull only from drawbar. Pulling from any other point can cause rear overturn.
- Do not operate with unshielded PTO.
- Disengage PTO and stop engine before servicing tractor or implements or attaching and detaching implements.
- Position drawbar at 14" from end of PTO shaft to drawbar hole for 540 and 16" for 1000 PTO RPM.
- When towing equipment use a safety chain.

FAILURE TO FOLLOW ANY OF THE INSTRUCTIONS ABOVE CAN CAUSE SERIOUS INJURY TO THE OPERATOR OR OTHER PERSONS.

Part No. E1NN-16A901-BA

Location: Rear axle housing - right-hand side

EMERGENCY STOPPING AND PARKING BRAKE

Part No. D2NN-2K106-A Location: Handbrake lever

(where fitted)

DANGER - EXPLOSIVE CAN CAUSE BLINDNESS OR SEVERE INJURY. PROTECT EYES. SPARKS, FLAMES, CIGARETTES CAN CAUSE EXPLOSION: TOOLS AND CABLE CLAMPS CAN CAUSE SPARKS. DO NOT USE WITHOUT INSTRUCTION. KEEP VENT CAPS TIGHT AND LEVEL.

ACID - POISON CAUSES SEVERE BURNS.
CONTAINS SULFURIC ACID. IN EVENT OF CONTACT,
FLUSH WITH WATER AND SEE A DOCTOR.
KEEP OUT OF REACH OF CHILDREN

Part No. E9NN-10K694-DA Location: Top of battery



KEEP HANDS
AND CLOTHING
AWAY FROM
ROTATING FAN
AND BELTS TO
PREVENT
SERIOUS INJURY

Part No. D8NN-8653-AB

Location: Both sides of radiator fan shroud

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