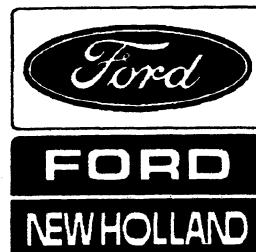


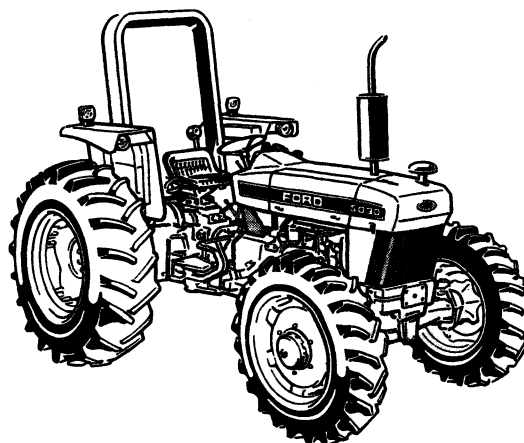
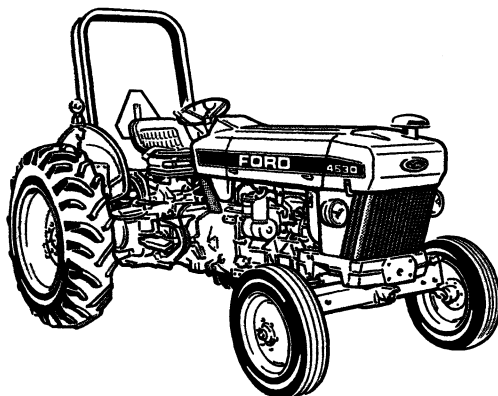
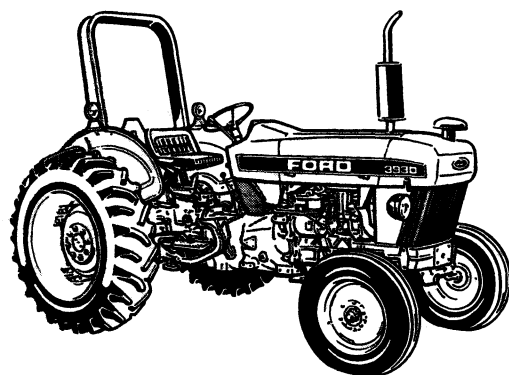
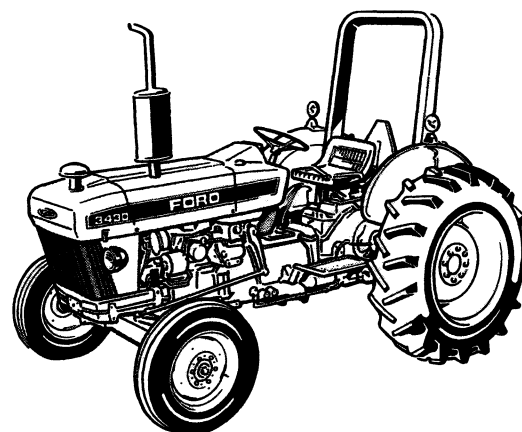
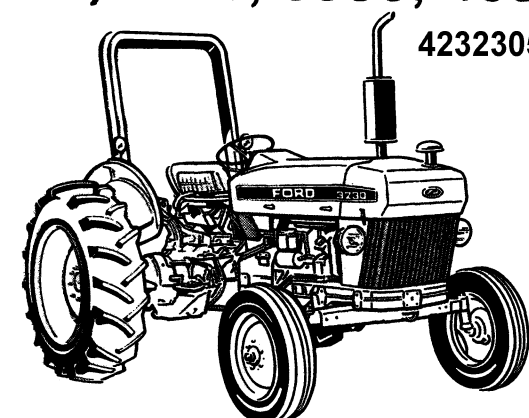
# FORD

## 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.

 <b>Ford New Holland Limited</b>	
TRACTOR NUMBER	
[ ]	
MODEL	UNIT
[ ]	[ ]
ENGINE	
[ ]	
TRANSMISSION	REAR AXLE
[ ]	[ ]
HYDRAULIC PUMP	HYDRAULIC LIFT
[ ]	[ ]

**Vehicle Identification Plate**

AXLE TYPE	SERIAL NUMBER
[ ]	[ ]
REF. NUMBER	TOTAL RATIO
[ ]	[ ]
INPUT ROT.	DIFF. TYPE
[ ]	[ ]
OIL SPECIFIC	LIT. LOCATION
[ ]	[ ]
[ ]	DIFF.
[ ]	EPIC.
[ ]	[ ]

**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.**

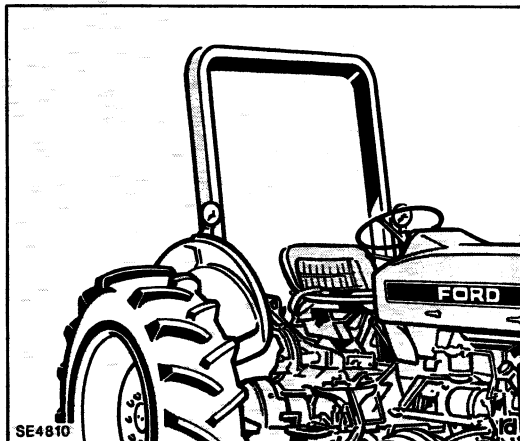
If the ROPS was deleted by the original purchaser or has been removed, it is recommended that you equip your tractor with a Roll Over Protective Structure and seat belt. ROPS, when used with a seat belt, are effective in reducing injuries during tractor overturn accidents. Overturning a tractor without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



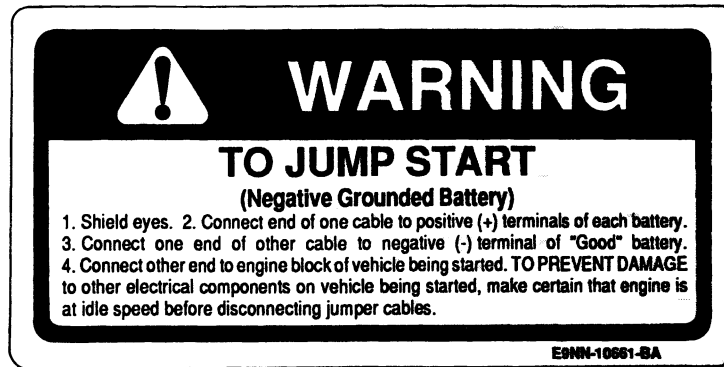
**WARNING:** *Always wear your seat belt if the tractor is equipped with a ROPS or safety cab. Do not use the seat belt if the ROPS is removed from the tractor.*

## 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.

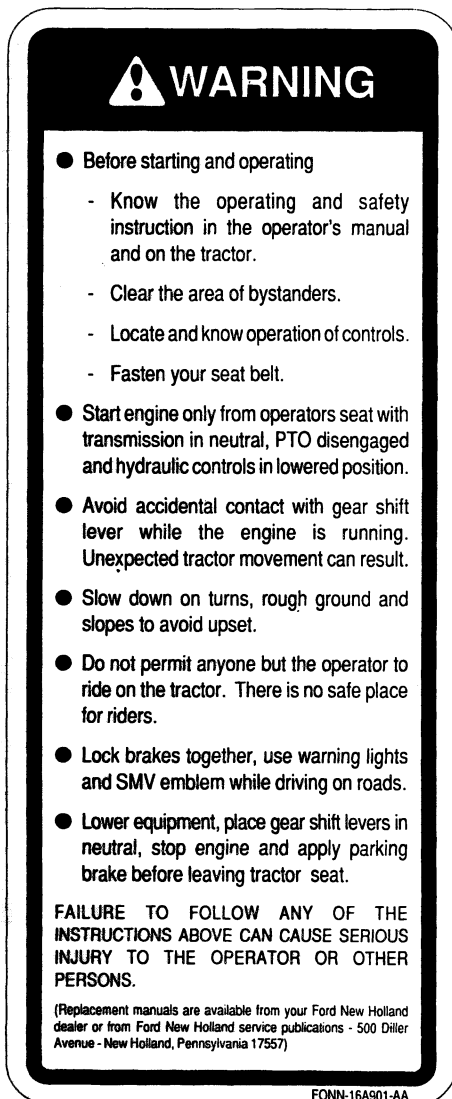
# SAFETY DECALS

Replace all missing, damaged or illegible decals.



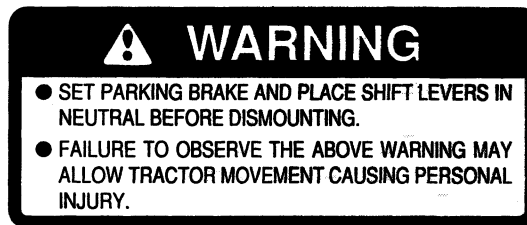
Part No. E9NN-10661-BA

Location: Top of battery



Part No. F0NN-16A901-AA

Location: Right-hand fender



Part No. E4NN-7Z273-DA

Location: Right-hand fender



Part No. E1NN-16A901-EA

Location: Starting motor

# SAFETY DECALS

Replace all missing, damaged or illegible decals.



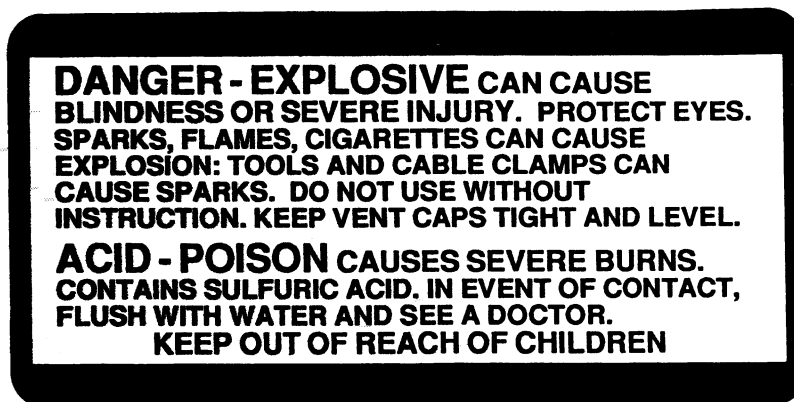
Part No. E1NN-16A901-BA

Location: Rear axle housing – right-hand side



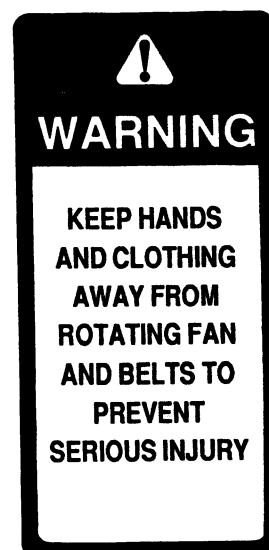
Part No. D2NN-2K106-A

Location: Handbrake lever  
(where fitted)



Part No. E9NN-10K694-DA

Location: Top of battery



Part No. D8NN-8653-AB

Location: Both sides of radiator fan shroud



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