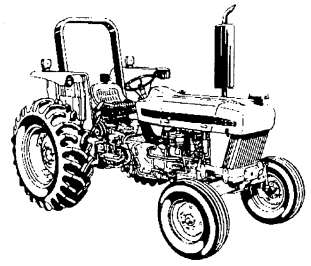


Tractors
less cab
3230, 3430,
3930, 4630,
5030

For tractors built after June 1,
1994

OPERATOR'S MANUAL



NEW HOLLAND

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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.

Your tractor was designed to power and propel itself. It is intended for use in normal and customary agricultural applications.

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 modified 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.

OWNER ASSISTANCE

We at Ford New Holland and your Ford New Holland dealer want you to be completely satisfied with your investment. Normally any problems with your equipment will be handled by your dealer's Service Department. Sometimes, however, misunderstanding can occur. If your problem has not been handled to your satisfaction, we suggest the following:

Contact the owner or General Manager of the dealership, explain the problem, and request assistance. When additional assistance is needed, your dealer has direct access to our branch office. If you cannot obtain satisfaction by doing this, contact the Ford New Holland branch office in your area and provide them with:

- Your name, address, and telephone number
- Machine model and serial number
- Dealership name and address
- Machine purchase date and amount of use
- Nature of problem

Atlanta

2000 Mountain Ind. Blvd.
Tucker, GA 30084
Telephone: (404) 723-3615

New Holland

500 Diller Avenue
New Holland, PA 17557
Telephone: (717) 285 8302

Dallas

P.O. Box 10227
Dallas, TX 75207
Telephone: (214) 939-4919
Telephone: (403) 569-3208

Calgary

Box 1616, Main P.O.
Calgary, AB
CANADA T2P 2M7

Minneapolis

P.O. Box 1342
Minneapolis, MN 55440
Telephone: (612) 887-4232

If you need further assistance contact:

*Consumer Services Department
Mail Station 500
Ford New Holland, Inc.
New Holland, PA 17557*

Before contacting Ford New Holland's branch office or Service Department, be aware that your problem will likely be resolved in the dealership using the dealer's facilities, equipment and personnel. So it is important that your initial contact be with the dealer.

A Service Publications Catalog & Order Form is available which lists the operator's and service manuals for many prior model and most current model Ford – New Holland – Versatile tractors, equipment and consumer products. To obtain a copy of this catalog, please call 1-800-635-4913.



FORD NEW HOLLAND INC. AND FORD NEW HOLLAND CANADA LTD.

WARRANTY AND LIMITATION OF LIABILITY – 3230, 3430, 3930, 4630 and 5030 TRACTORS

COVERAGE PROVIDED

Ford New Holland Inc. or Ford New Holland Canada Ltd., hereinafter called the "Company" warrants to the retail purchaser of each new Product (as listed below) that the Selling Dealer will repair or replace any part thereof found to be defective in materials or workmanship within the following periods. This warranty is for the benefit of the original or subsequent purchaser when purchased from an authorized Ford New Holland dealer.

Table with 2 columns: BASIC WARRANTY, Warranty Period. Rows include Agricultural Tractor, Models 3430, 3930, 4630 and 5030 (12 Months) and Replacement Parts (90 days or to end of Basic Warranty).

Extended Power Train Warranty

Selected power train components are covered for a period of 24 months provided that the tractor has not been used more than a total of 2,000 hours. The power train components covered by extended warranty consist of the following:

Engine – The rocker arm cover, cylinder head, engine block, crankcase pan and timing gear cover of the engine, and the parts fully enclosed within these units.

Transmission and Rear Axle – The clutch housing, transmission case, dual power housing, differential housing, final drive housings, transfer case, front wheel drive housing and parts fully enclosed within these housings, including the drive axles, but excluding the hydraulic lift cover and its components.

LIMITATIONS, INCLUDING DISCLAIMER OF IMPLIED WARRANTIES AND CONSEQUENTIAL DAMAGES

This warranty gives you specific legal rights and you may also have other rights which vary, depending on state or provincial laws. Ford New Holland Inc. or Ford New Holland Canada Ltd., does not authorize any person to create for it any other obligation or liability in connection with these products. TO THE EXTENT ALLOWED BY LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS APPLICABLE TO THIS PRODUCT IS LIMITED TO THE STATED DURATION OF THIS WRITTEN WARRANTY. NEITHER THE COMPANY NOR THE SELLING DEALER SHALL BE LIABLE FOR LOSS OF THE USE OF THE PRODUCT, LOSS OF TIME, INCONVENIENCE, COMMERCIAL LOSS OR CONSEQUENTIAL DAMAGES.

Some states and provinces do not allow limitations on how long an implied warranty will last or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

The remedy of repair or replacement of a defective part during the warranty period herein specified shall be the purchaser's exclusive remedy.

EXTENDED SERVICE PLAN (ESP)

When offered by the Company, the option to purchase an Extended Service Plan has been explained and:

- I accept and have signed the completed registration form
I decline the Extended Service Plan
I will consider later (within 180 days)

PROTECTIVE EQUIPMENT

A Roll Over Protective Structure (ROPS) and seat belt are provided as standard equipment on all Ford New Holland agricultural tractors and we strongly recommend their use. Customers who elect to remove or not use this protection do so at their own risk.

- I acknowledge the existence of OSHA regulations pertaining to ROPS.
A PTO master shield has been furnished with delivery of the machine.
The correct Operator's Manual has been furnished.
Safety precautions were explained to me by the Selling Dealer.

ACKNOWLEDGEMENT

The blank spaces under "Protective Equipment" have been filled in and are correct, and I acknowledge that I have read and accept this Warranty and Limitation of Liability.

Form with fields for Purchaser, Dealer, Address, City, State, Zip, Model, Serial No., Basic Warranty Expires on, Extended Service Plan Expires on, and Signature/Date for both parties.

Additional details on back

Ford New Holland Warranty Detail

The warranty period will begin on date of original retail sale or date of original use, whichever is earlier.

- The obligation of the Company to the purchaser under this warranty is limited to the repair or replacement of defective parts by an authorized Ford New Holland dealer and will be done free of charge for both parts and labor using genuine Ford New Holland replacement parts. Repair or replacement in accordance with this warranty shall constitute fulfillment of all liabilities of the Company and the Selling Dealer in respect of such Products.
- Repairs or replacements will be performed by the Selling Dealer, following delivery of the Commercial Product by the purchaser to the Dealer's place of business. When the purchaser has moved a long distance from the Selling Dealer or the Selling Dealer is no longer in business, any Ford New Holland dealer authorized to sell and service the described Products may perform the repair at its dealership.
- The Selling Dealer shall review these warranty provisions with the purchaser prior to retail sale, secure his acknowledgement of delivery of this warranty and record the date of original retail sale or date of original use.
- To obtain warranty service, the purchaser must (1) report the product defect to an authorized Ford New Holland dealer and request repair within the applicable warranty term and (2) present evidence of the warranty start date.

WHAT IS NOT COVERED BY THE WARRANTY

1. This warranty shall **NOT** apply under the following conditions:
 - (i) With respect to vendor warranty items such as Deutz, Cummins and Caterpillar engines, or tires, tubes and attachments which shall be warranted by their manufacturer, or local representative thereof..
 - (ii) If the unit has been subject to misapplication, abuse, misuse, negligence of proper maintenance or other negligence, fire or other accident.
 - (iii) If parts or attachments other than those made or marketed by Ford New Holland Inc. or Ford New Holland Canada Ltd., have been used in connection with the unit and in the sole judgment of the Company such use affects its performance, stability or reliability.
 - (iv) If the unit has been altered or repaired outside of a Ford New Holland dealership in a manner which, in the sole judgment of the Company, affects its performance, stability or reliability.
 - (v) Batteries are covered by a separate pro rata adjustment warranty. The pro-rata plan covers the battery fully for the basic product warranty period, as indicated, with any remaining warranty pro-rated according to the months of service.
 - (vi) The customer shall be responsible for payment of dealer travel time to the machine or to deliver the machine to the dealer's service shop for repair. The Ford New Holland warranty does not cover delivery charges or travel time.
 - (vii) With the exception of special Owner Protection Programs, the Company shall have no liability for used equipment sold beyond the specified coverage period.
 - (viii) No warranty shall apply to damage resulting from accident or damage caused by environment (such as exposure to corrosive material). The Company shall not be responsible for rental equipment used to replacement the equipment being repaired.
 - (ix) This warranty shall **NOT** apply to normal maintenance services (such as tune-ups, fuel injection system cleaning or wheel, brake and clutch adjustments), to normal replacement of service items (such as filters and brake or clutch linings), or to normal deterioration due to use or exposure (such as belts and exterior finish). Ford New Holland shall not be responsible for normal replacement parts such as cutting knives, chains, belts, filters, oil, or other parts which are worn out, unless they are determined to be defective in material or workmanship.
 - (x) This warranty shall **NOT** apply to any Ford New Holland Product which is retailed or distributed by anyone other than Ford New Holland Inc. or Ford New Holland Canada Ltd., through its authorized dealer. This warranty shall **NOT** apply to any Product which is normally operated outside of the United States and/or Canada.
 - (xi) This warranty shall **NOT** apply if the purchaser, insurance company, or any other entity or individual acting on behalf of the purchaser seeks re-imbusement for the dollar value of the repair(s) or replacement(s) covered under this warranty.

RIGHT TO MAKE DESIGN CHANGES

The Company reserves the right to make changes in the design and other changes in its products at any time and from time to time without notice and without incurring any obligation with respect to any product previously ordered from it, sold or shipped by it.



FORD NEW HOLLAND INC. AND FORD NEW HOLLAND CANADA LTD.

WARRANTY AND LIMITATION OF LIABILITY – 3230, 3430, 3930, 4630 and 5030 TRACTORS

COVERAGE PROVIDED

Ford New Holland Inc. or Ford New Holland Canada Ltd., hereinafter called the "Company" warrants to the retail purchaser of each new Product (as listed below) that the Selling Dealer will repair or replace any part thereof found to be defective in materials or workmanship within the following periods. This warranty is for the benefit of the original or subsequent purchaser when purchased from an authorized Ford New Holland dealer.

BASIC WARRANTY Warranty Period

Agricultural Tractor, Models 3430, 3930, 4630 and 5030 12 Months
Replacement Parts 90 days or to end of Basic Warranty (whichever is longer)

Extended Power Train Warranty

Selected power train components are covered for a period of 24 months provided that the tractor has not been used more than a total of 2,000 hours. The power train components covered by extended warranty consist of the following:

Engine – The rocker arm cover, cylinder head, engine block, crankcase pan and timing gear cover of the engine, and the parts fully enclosed within these units.

Transmission and Rear Axle – The clutch housing, transmission case, dual power housing, differential housing, final drive housings, transfer case, front wheel drive housing and parts fully enclosed within these housings, including the drive axles, but excluding the hydraulic lift cover and its components.

LIMITATIONS, INCLUDING DISCLAIMER OF IMPLIED WARRANTIES AND CONSEQUENTIAL DAMAGES

This warranty gives you specific legal rights and you may also have other rights which vary, depending on state or provincial laws.

Ford New Holland Inc. or Ford New Holland Canada Ltd., does not authorize any person to create for it any other obligation or liability in connection with these products. TO THE EXTENT ALLOWED BY LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS APPLICABLE TO THIS PRODUCT IS LIMITED TO THE STATED DURATION OF THIS WRITTEN WARRANTY. NEITHER THE COMPANY NOR THE SELLING DEALER SHALL BE LIABLE FOR LOSS OF THE USE OF THE PRODUCT, LOSS OF TIME, INCONVENIENCE, COMMERCIAL LOSS OR CONSEQUENTIAL DAMAGES.

Some states and provinces do not allow limitations on how long an implied warranty will last or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

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- I accept and have signed the completed registration form
I decline the Extended Service Plan
I will consider later (within 180 days)

PROTECTIVE EQUIPMENT

A Roll Over Protective Structure (ROPS) and seat belt are provided as standard equipment on all Ford New Holland agricultural tractors and we strongly recommend their use. Customers who elect to remove or not use this protection do so at their own risk.

- I acknowledge the existence of OSHA regulations pertaining to ROPS.
A PTO master shield has been furnished with delivery of the machine.
The correct Operator's Manual has been furnished.
Safety precautions were explained to me by the Selling Dealer.

ACKNOWLEDGEMENT

The blank spaces under "Protective Equipment" have been filled in and are correct, and I acknowledge that I have read and accept this Warranty and Limitation of Liability.

Form with fields for Purchaser, Dealer, Address, City, State, Zip, Model, Serial No., Basic Warranty Expires on, Extended Service Plan Expires on, and Signatures.

Additional details on back

Ford New Holland Warranty Detail

The warranty period will begin on date of original retail sale or date of original use, whichever is earlier.

- The obligation of the Company to the purchaser under this warranty is limited to the repair or replacement of defective parts by an authorized Ford New Holland dealer and will be done free of charge for both parts and labor using genuine Ford New Holland replacement parts. Repair or replacement in accordance with this warranty shall constitute fulfillment of all liabilities of the Company and the Selling Dealer in respect of such Products.
- Repairs or replacements will be performed by the Selling Dealer, following delivery of the Commercial Product by the purchaser to the Dealer's place of business. When the purchaser has moved a long distance from the Selling Dealer or the Selling Dealer is no longer in business, any Ford New Holland dealer authorized to sell and service the described Products may perform the repair at its dealership.
- The Selling Dealer shall review these warranty provisions with the purchaser prior to retail sale, secure his acknowledgement of delivery of this warranty and record the date of original retail sale or date of original use.
- To obtain warranty service, the purchaser must (1) report the product defect to an authorized Ford New Holland dealer and request repair within the applicable warranty term and (2) present evidence of the warranty start date.

WHAT IS NOT COVERED BY THE WARRANTY

1. This warranty shall **NOT** apply under the following conditions:
 - (i) With respect to vendor warranty items such as Deutz, Cummins and Caterpillar engines, or tires, tubes and attachments which shall be warranted by their manufacturer, or local representative thereof..
 - (ii) If the unit has been subject to misapplication, abuse, misuse, negligence of proper maintenance or other negligence, fire or other accident.
 - (iii) If parts or attachments other than those made or marketed by Ford New Holland Inc. or Ford New Holland Canada Ltd., have been used in connection with the unit and in the sole judgment of the Company such use affects its performance, stability or reliability.
 - (iv) If the unit has been altered or repaired outside of a Ford New Holland dealership in a manner which, in the sole judgment of the Company, affects its performance, stability or reliability.
 - (v) Batteries are covered by a separate pro rata adjustment warranty. The pro-rata plan covers the battery fully for the basic product warranty period, as indicated, with any remaining warranty pro-rated according to the months of service.
 - (vi) The customer shall be responsible for payment of dealer travel time to the machine or to deliver the machine to the dealer's service shop for repair. The Ford New Holland warranty does not cover delivery charges or travel time.
 - (vii) With the exception of special Owner Protection Programs, the Company shall have no liability for used equipment sold beyond the specified coverage period.
 - (viii) No warranty shall apply to damage resulting from accident or damage caused by environment (such as exposure to corrosive material). The Company shall not be responsible for rental equipment used to replacement the equipment being repaired.
 - (ix) This warranty shall **NOT** apply to normal maintenance services (such as tune-ups, fuel injection system cleaning or wheel, brake and clutch adjustments), to normal replacement of service items (such as filters and brake or clutch linings), or to normal deterioration due to use or exposure (such as belts and exterior finish). Ford New Holland shall not be responsible for normal replacement parts such as cutting knives, chains, belts, filters, oil, or other parts which are worn out, unless they are determined to be defective in material or workmanship.
 - (x) This warranty shall **NOT** apply to any Ford New Holland Product which is retailed or distributed by anyone other than Ford New Holland Inc. or Ford New Holland Canada Ltd., through its authorized dealer. This warranty shall **NOT** apply to any Product which is normally operated outside of the United States and/or Canada.
 - (xi) This warranty shall **NOT** apply if the purchaser, insurance company, or any other entity or individual acting on behalf of the purchaser seeks re-imburement for the dollar value of the repair(s) or replacement(s) covered under this warranty.

RIGHT TO MAKE DESIGN CHANGES

The Company reserves the right to make changes in the design and other changes in its products at any time and from time to time without notice and without incurring any obligation with respect to any product previously ordered from it, sold or shipped by it.

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.

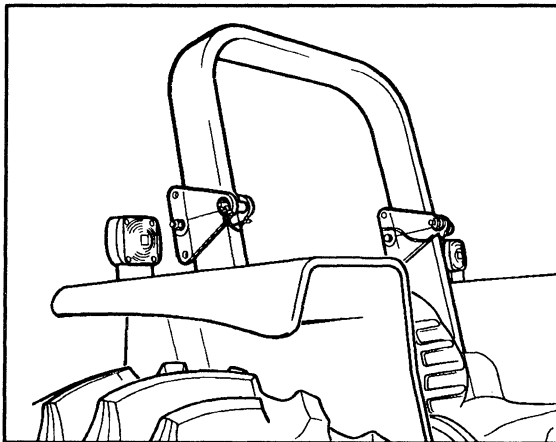
If the ROPS was deleted by the original purchaser or has been removed, it is recommended that you equip your tractor with a Roll Over Protective Structure and seat belt. ROPS, when used with a seat belt, are effective in reducing injuries during tractor overturn accidents. Overturning a tractor without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

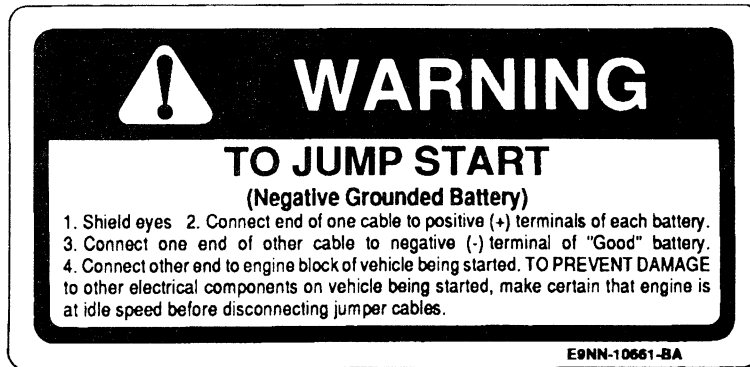
⚠ WARNING: *Always wear your seat belt if the tractor is equipped with a ROPS. Do not use the seat belt if the ROPS is lowered or removed from the tractor.*

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.

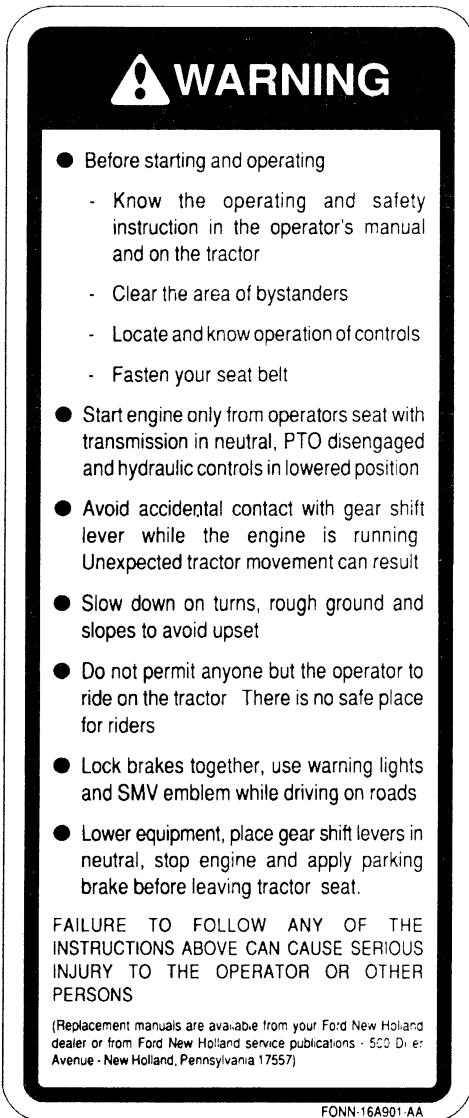
SAFETY DECALS

Replace all missing, damaged or illegible decals.



Part No. E9NN-10661-BA

Location: Top of battery



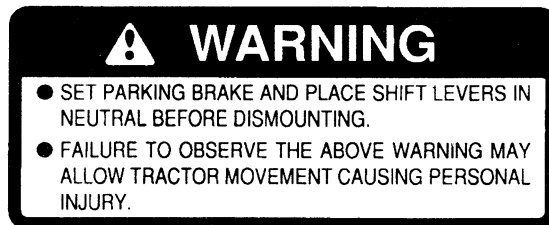
Part No. F0NN-16A901-AA

Location: Right-hand fender



Part No. D2NN-2K106-A

Location: Handbrake lever (where fitted)



Part No. E4NN-7Z273-DA

Location: Right-hand fender



Part No. E1NN-16A901-EA

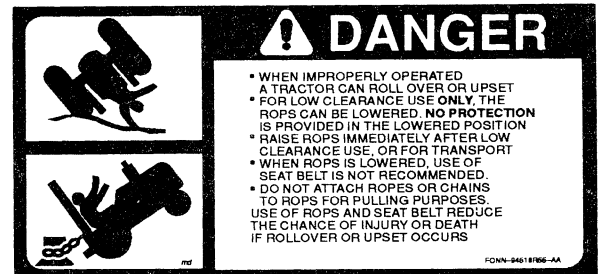
Location: Starting motor

SAFETY DECALS

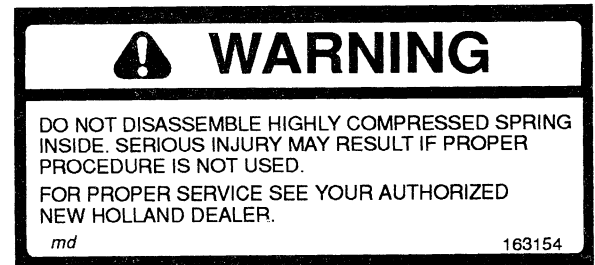
Replace all missing, damaged or illegible decals.



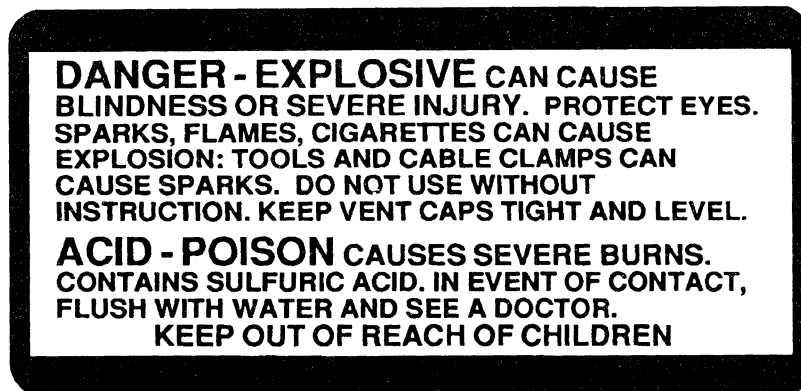
Part No. E1NN-16A901-BA
Location: Rear axle housing – right-hand side



Part No. F0NN-94518R55-AA
Location: All models – Instrument panel, plus:
Folding ROPS – Center rear
Telescopic ROPS – left-hand side



Part No. 163154
Location: Telescopic ROPS – left-hand side



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



Part No. D8NN-8653-AB
Location: Both sides of radiator fan shroud

Thank you so much for reading.
Please click the “Buy Now!”
button below to download the
complete manual.



After you pay.

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

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ebooklibonline@outlook.com