

# OPERATOR'S MANUAL

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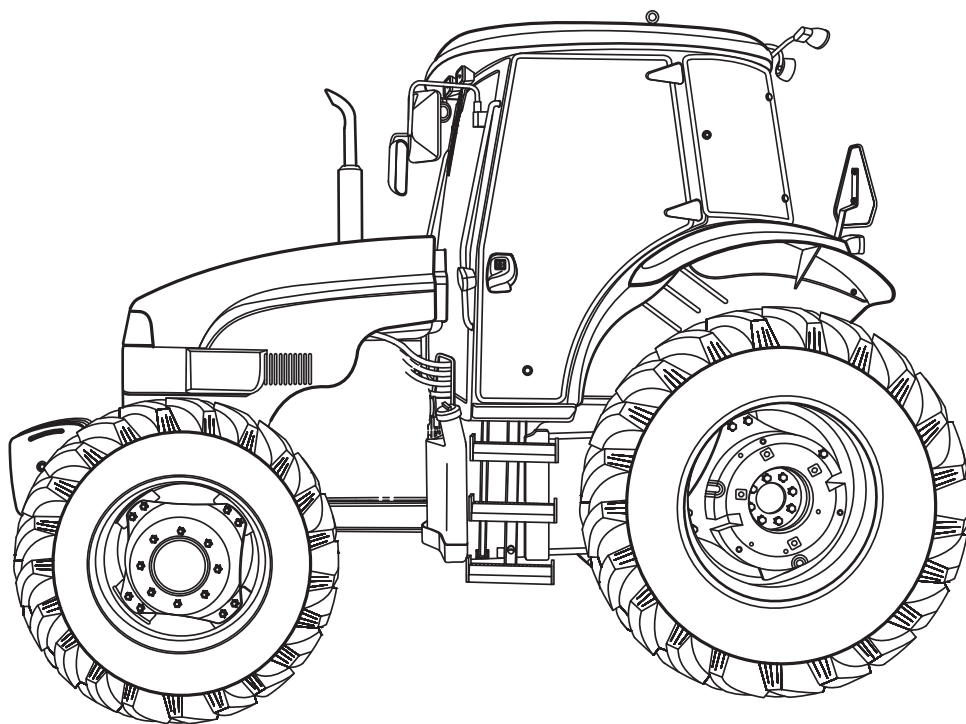
**TS6020**

**TS6030**

**TS6030HC**

Tractor

*From PIN C50022M*



**Part number 84497609**

1st edition English

June 2011



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# 1 - GENERAL INFORMATION

## Note to the Owner

This manual contains information concerning the adjustment and maintenance of your new equipment. You have purchased a dependable machine, but only by proper care and operation can you expect to receive the performance and long service built into this equipment. Please have all operators read this manual carefully and keep it available for ready reference.

Your NEW HOLLAND AGRICULTURE dealer will instruct you in the general operation of your new equipment. (Refer to the 'Delivery Report' at the back of this manual.) Your dealer's staff of factory-trained service technicians will be glad to answer any questions that may arise regarding the operation of your machine. NEW HOLLAND AGRICULTURE Top Service is also available. Call 1-866-NEWHLND (1-866-639-4563) or email [na.topservice@cnh.com](mailto:na.topservice@cnh.com).

Your NEW HOLLAND AGRICULTURE dealer carries a complete line of genuine NEW HOLLAND AGRICULTURE service parts. These parts are manufactured and carefully inspected to insure high quality and accurate fitting of any necessary replacement parts. Be prepared to give your dealer the model and product identification number of your new equipment when ordering parts. Locate these numbers now and record them below. Refer to the 'General Information' section of this manual for the location of the model and product identification numbers of your machine.

### PLEASE RECORD THE FOLLOWING INFORMATION

**Model**

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**Product Identification Number (PIN)**

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**Date Purchased**


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**Engine Model (As Applicable)**

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**Engine PIN (As Applicable)**

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	<p>This is the safety alert symbol. It is used with and without signal words to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible death or injury.</p>
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### **WARNING**

**Illustrations in this manual may show protective shielding open or removed to better illustrate a particular feature or adjustment.**

**Replace all shields before operating the machine.**

**Failure to comply could result in death or serious injury.**

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## IMPROVEMENTS

CNH America LLC is continually striving to improve its products. We reserve the right to make improvements or changes when it becomes practical and possible to do so, without incurring any obligation to make changes or additions to the equipment sold previously.

## Tractor intended use

TS6000 series tractors with standard equipment and authorized attachments, are intended to be used for customary farming and related agriculture operations. Farming implements and attachments for loading and moving materials can be used on the tractor where recommended and approved by NEW HOLLAND AGRICULTURE. Installation of

utility (dozer) blades, tile plows, or push bars on the tractor is not recommended. Any tractor damage resulting from the installation and/or use of such equipment is not covered by the tractor warranty.

Though the machine is designed to perform in most agricultural conditions, there may be a number of combinations for which there is severe degradation of performance of the machine or systems thereof. The machine performance depends on a number of limitative parameters, such as weather and terrain conditions, agricultural and harvesting demands. If you notice degradation of performance, contact your NEW HOLLAND AGRICULTURE dealer for assistance. They may have useful information for improvements, or a kit may be available to enhance the performance.

Prior to delivery, all machines are carefully inspected (by both CNH America LLC and your local authorized NEW HOLLAND AGRICULTURE dealer), ensuring that the machine reaches the user in perfect condition. To maintain the tractor in this condition and ensure trouble-free operation, the routine maintenance described in Section 7 of this manual must be carried out at the specified intervals.

## PROHIBITED USAGE

Consult an authorized NEW HOLLAND AGRICULTURE dealer or CNH America LLC on changes, additions or modifications that can be required for this machine to comply with various regulations and safety requirements. Unauthorized modifications will cause serious injury or death. Anyone making such unauthorized modifications is responsible for the consequences.

**NOTICE:** *DO NOT use this machine for any purpose or in any manner other than as described in the manual, decals, or other product safety information provided with the machine. These materials define the machine's intended use.*

**ATTENTION:** *The engine and fuel system on your machine is designed and built to government emissions standards. Tampering by dealer, customers, operators and users is strictly prohibited by law. Failure to comply could result in government fines, rework charges, invalid warranty, legal action and possible confiscation of the machine until rework to original condition is completed. Engine service and/or repairs must be done by a certified technician only!*

## Electro-Magnetic Compatibility (EMC)

Interference may arise as a result of add-on equipment which may not necessarily meet the required standards. As such interference can result in serious malfunction of the unit and/or create unsafe situations, you must observe the following:

- The maximum power of emission equipment (radio, telephones, etc.) must not exceed the limits imposed by the national authorities of the country where you use the machine.
- The electro-magnetic field generated by the add-on system should not exceed **24 V/m** at any time and at any location in the proximity of electronic components.
- The add-on equipment must not interfere with the functioning of the on board electronics.

Failure to comply with these rules will render the NEW HOLLAND AGRICULTURE warranty null and void.

## Proposition 65

**CALIFORNIA  
PROPOSITION 65 WARNING**

Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects, and other reproductive harm.

Battery post, terminals and related accessories contain lead and lead compounds.

**Wash hands after handling**

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## Ecology and the Environment Ecology and the Environment

Soil, air, and water are vital factors of agriculture and life in general. When legislation does not yet rule the treatment of some of the substances which are required by advanced technology, common sense should govern the use and disposal of products of a chemical and petrochemical nature.

**NOTICE:** *The following are recommendations which may be of assistance:*

- Become acquainted with and ensure that you understand the relative legislation applicable to your country.
- Where no legislation exists, obtain information from suppliers of oils, filters, batteries, fuels, antifreeze, cleaning agents, etc., with regard to their effect on man and nature and how to safely store, use and dispose of these substances.
- Agricultural consultants will, in many cases, be able to help you as well.

### HELPFUL HINTS

- Avoid filling tanks using cans or inappropriate pressurized fuel delivery systems which may cause considerable spillage.
- In general, avoid skin contact with all fuels, oils, acids, solvents, etc. Most of them contain substances which may be harmful to your health.
- Modern oils contain additives. Do not burn contaminated fuels and or waste oils in ordinary heating systems.
- Avoid spillage when draining off used engine coolant mixtures, engine, gearbox and hydraulic oils, brake fluids, etc. Do not mix drained brake fluids or fuels with lubricants. Store them safely until they can be disposed of in a proper way to comply with local legislation and available resources.
- Modern coolant mixtures, i.e. antifreeze and other additives, should be replaced every two years. They should not be allowed to get into the soil but should be collected and disposed of properly.
- Do not open the air-conditioning system yourself. It contains gases which should not be released into the atmosphere. Your NEW HOLLAND AGRICULTURE dealer or air conditioning specialist has a special extractor for this purpose and will have to recharge the system properly.
- Repair any leaks or defects in the engine cooling or hydraulic system immediately.
- Do not increase the pressure in a pressurized circuit as this may lead to a component failure.
- Protect hoses during welding as penetrating weld splatter may burn a hole or weaken them, allowing the loss of oils, coolant, etc.

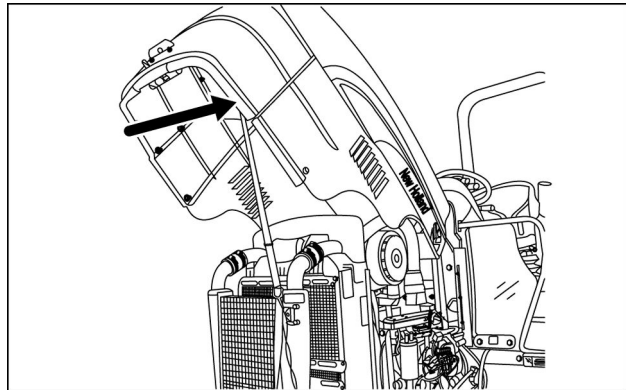


## Machine identification


The machine and major components are identified with Product Identification Number (PIN) plates. You should supply the machine's PIN plate data to the authorized dealer when requesting parts or service, and also to identify the machine in case of theft.

### PIN plate

The PIN plate is located on the left-hand side on the inside of the engine hood.



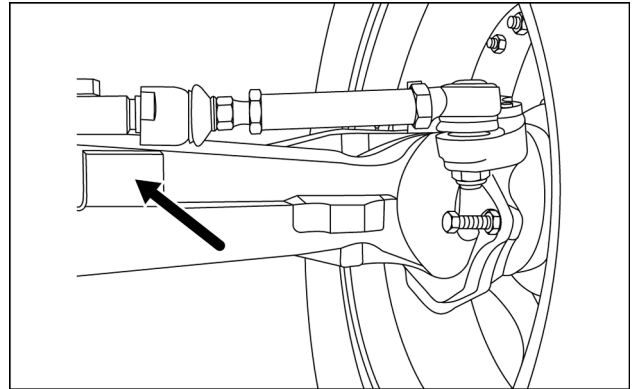
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 <b>New Holland de Mexico S.A. de C.V.</b> MADE IN MEXICO <span style="float: right;">062489</span>		
TRACTOR NUMBER	MODEL	UNIT
<input type="text"/>	<input type="text"/>	<input type="text"/>
ENGINE	TRANSMISSION	REAR AXLE
<input type="text"/>	<input type="text"/>	<input type="text"/>
HYDRAULIC PUMP	HYDRAULIC LIFT	ENGINE DATE
<input type="text"/>	<input type="text"/>	<input type="text"/>
SPECIAL ORDER		
<input type="text"/>		
 <small>XXXXXXXXXXXXXXXXXXXX</small>		

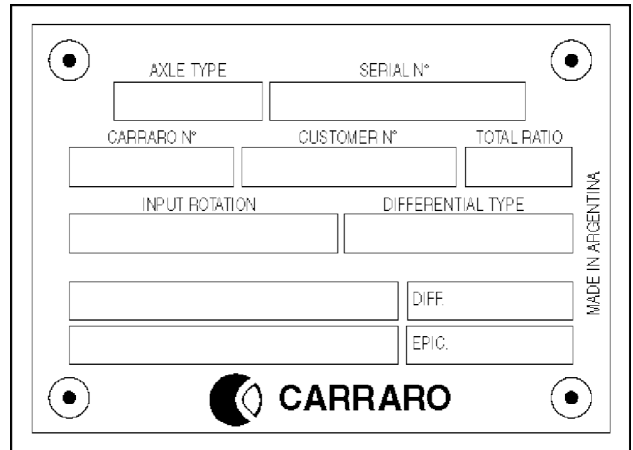
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### 4WD front axle PIN plate

If your unit is equipped with 4WD, you will find a front axle PIN plate on the right rear surface of the front axle housing.



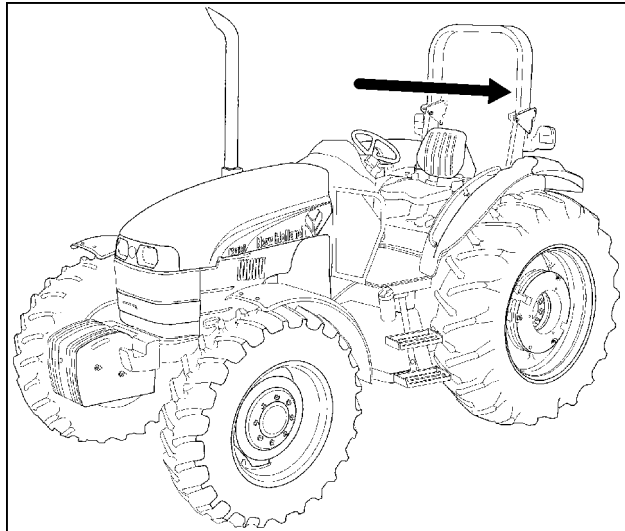
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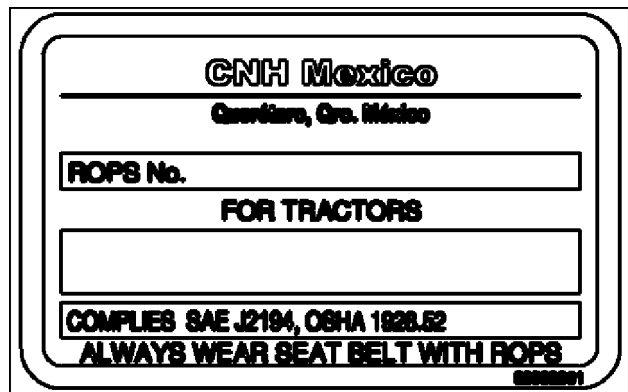
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### Roll Over Protective Structure (ROPS) PIN plate

The ROPS PIN plate is located on the side of the ROPS upright.



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RCPH09TTS019AAD 6

## Protective shield - Safety rules

### **⚠ WARNING**

Illustrations in this manual may show protective shielding open or removed to better illustrate a particular feature or adjustment.

Replace all shields before operating the machine.

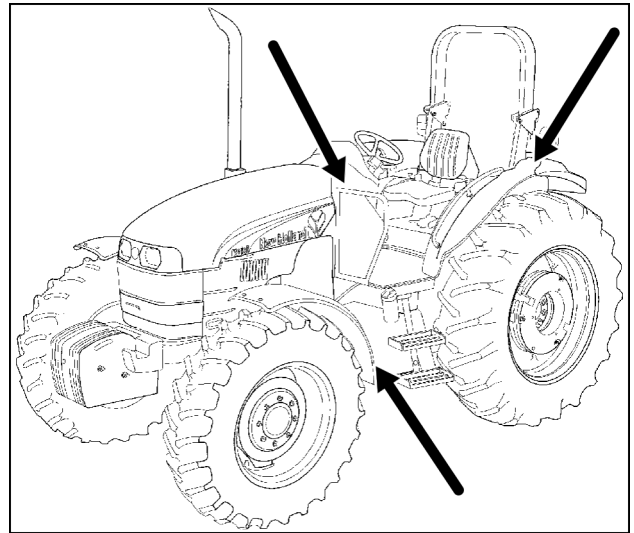
Failure to comply could result in death or serious injury.

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### Fenders and shields

Fenders and shields provide some user platform protection from stones or dirt that may be dislodged and tossed during tractor operation.

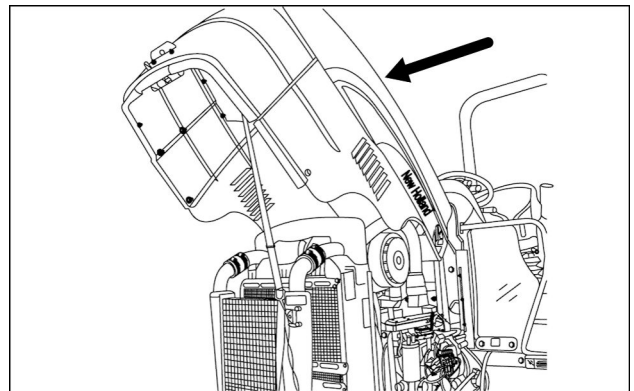
**NOTE:** Front fenders are optional and not standard equipment on tractors.



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### Engine hood

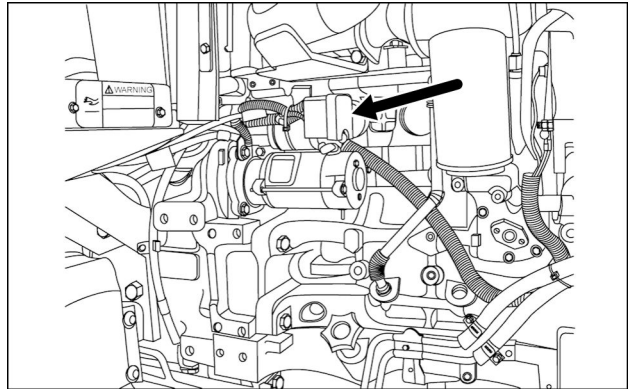
The engine hood covers all moving engine parts. The hood should always be closed and locked before operating the machine.



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### Starter solenoid cap

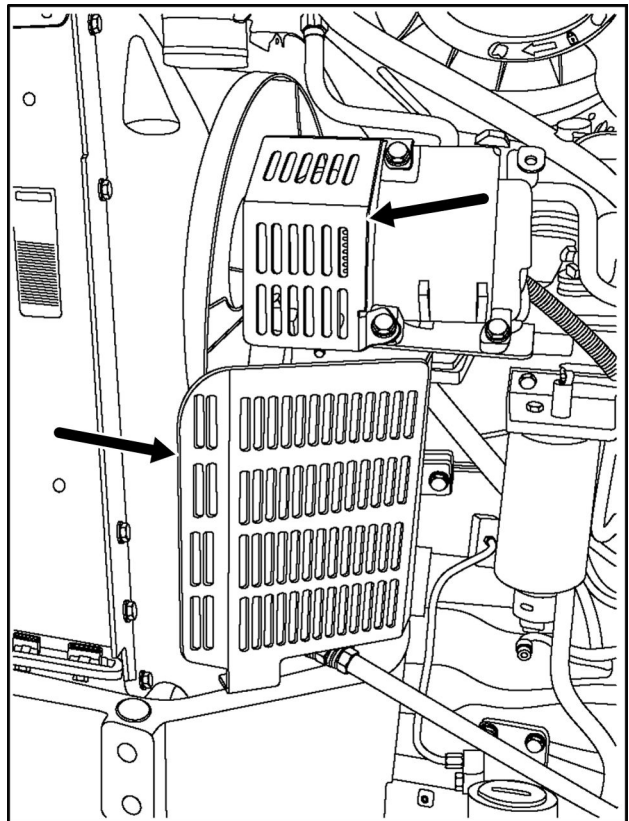
The cap covers the solenoid electric connections to avoid accidental contact. The cap should be installed every time the batteries are connected to the electrical system.



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### Fan and belt guard

The fan and belt guard prevents accidental contact with the air conditioning belt (if equipped), drive belt, and fan blades.



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