

ORIGINAL INSTRUCTIONS - according to Directive 2006/42/EC, Annex I 1.7.4.1

# OPERATOR'S MANUAL

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**T4020V**

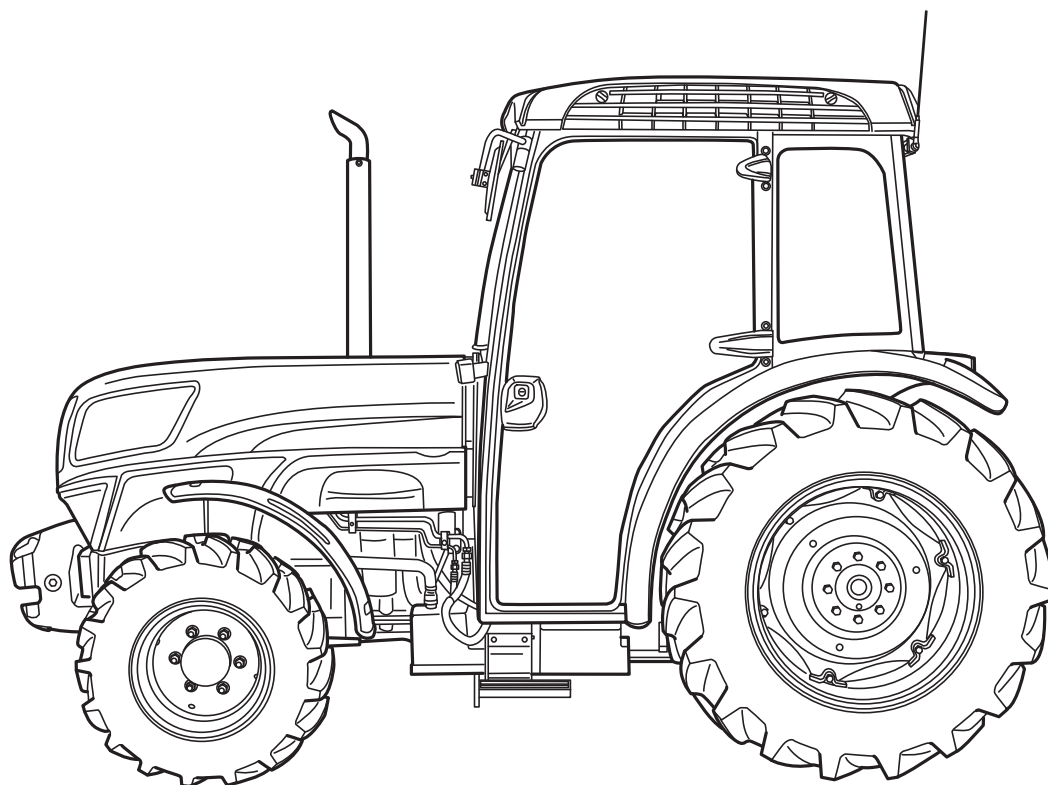
**T4030V**

**T4040V**

**T4050V**

**T4060V**

Tractors



**Part Number 47374902**

English  
June 2012



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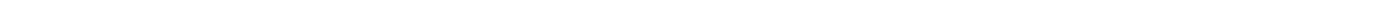
|                               |      |
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# 1 - GENERAL INFORMATION

## 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. 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.

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:                                  |
| Product Identification Number (PIN):    |



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><b>⚠ WARNING</b></p> <p><b>Illustrations in this manual may show protective shielding open or removed to better illustrate a particular feature or adjustment.</b></p> <p><b>Replace all shields before operating the machine.</b></p> <p><b>Failure to comply could result in death or serious injury.</b></p> <p style="text-align: right; font-size: small;">W0012A</p> |
|---|

### Engine tampering statement:

**ATTENTION:** *The fuel system and engine on your machine are designed and built to government emissions standards. Tampering by dealers, 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!*

# EC Declaration of Conformity

| Class of 2006/42/EC Annex I | BG<br>Декларация ЕС за съответствие<br>с директивата 2006/42/ЕО | CZ<br>Prohlášení o shodě ES<br>Podle směrnice 2006/42/ES | DA<br>EU-overensstemmelserklæring<br>i henhold til direktivet 2006/42/EF | DE<br>EG-Konformitätserklärung<br>laut Richtlinie 2006/42/EG | EL<br>Απόφαση Συμμόρφωσης ΕΚ<br>Σύμφωνα με την Οδηγία 2006/42/ΕΚ | EN<br>EC Declaration of conformity<br>According to Directive 2006/42/EC | ES<br>Declaración CE de conformidad<br>con la Directiva 2006/42/CE | ET<br>EU vastutuseklaratsioon<br>Vastavalt direktiivile 2006/42/EÜ | FI<br>EU-vaatimustenmukaisuusvaatus<br>direktiivin 2006/42/EY mukaisesti | F<br>Declaration CE de conformité<br>de la Directive 2006/42/CE | FR<br>Déclaration de conformité<br>de la Directive 2006/42/CE | DE<br>EU-überensstemmingserklæring<br>ifølge direktivet 2006/42/EF | IT<br>Dichiarazione CE di conformità<br>secondo la direttiva 2006/42/CE | LT<br>EU atitikties deklaracija<br>pagal direktyvą 2006/42/EB | LV<br>EK atbilstības deklarācija<br>saskaņā ar Direktīvu 2006/42/EK | NL<br>CE Conformiteitsverklaring<br>overeenkomstig de Richtlijn 2006/42/EG | NO<br>CE sammenhengende erklæring<br>i henhold til direktiv 2006/42/EF | PL<br>Deklaracja zgodności WE<br>zgodnie z dyrektywą 2006/42/WE |        |        |
|-----------------------------|---|--|--|--|--|---|--|--|--|---|---|--|---|---|---|--|--|---|--------|--------|
| 1.A.1                       | 1.A.1   | 1.A.1  | 1.A.1  | 1.A.1  | 1.A.1  | 1.A.1   | 1.A.1  | 1.A.1  | 1.A.1  | 1.A.1   | 1.A.1   | 1.A.1  | 1.A.1   | 1.A.1   | 1.A.1   | 1.A.1  | 1.A.1  | 1.A.1   | 1.A.1  |        |
| 1.A.2                       | 1.A.2   | 1.A.2  | 1.A.2  | 1.A.2  | 1.A.2  | 1.A.2   | 1.A.2  | 1.A.2  | 1.A.2  | 1.A.2   | 1.A.2   | 1.A.2  | 1.A.2   | 1.A.2   | 1.A.2   | 1.A.2  | 1.A.2  | 1.A.2   | 1.A.2  | 1.A.2  |
| 1.A.3                       | 1.A.3   | 1.A.3  | 1.A.3  | 1.A.3  | 1.A.3  | 1.A.3   | 1.A.3  | 1.A.3  | 1.A.3  | 1.A.3   | 1.A.3   | 1.A.3  | 1.A.3   | 1.A.3   | 1.A.3   | 1.A.3  | 1.A.3  | 1.A.3   | 1.A.3  | 1.A.3  |
| 1.A.4                       | 1.A.4   | 1.A.4  | 1.A.4  | 1.A.4  | 1.A.4  | 1.A.4   | 1.A.4  | 1.A.4  | 1.A.4  | 1.A.4   | 1.A.4   | 1.A.4  | 1.A.4   | 1.A.4   | 1.A.4   | 1.A.4  | 1.A.4  | 1.A.4   | 1.A.4  | 1.A.4  |
| 1.A.7                       | 1.A.7   | 1.A.7  | 1.A.7  | 1.A.7  | 1.A.7  | 1.A.7   | 1.A.7  | 1.A.7  | 1.A.7  | 1.A.7   | 1.A.7   | 1.A.7  | 1.A.7   | 1.A.7   | 1.A.7   | 1.A.7  | 1.A.7  | 1.A.7   | 1.A.7  | 1.A.7  |
| 1.A.9                       | 1.A.9   | 1.A.9  | 1.A.9  | 1.A.9  | 1.A.9  | 1.A.9   | 1.A.9  | 1.A.9  | 1.A.9  | 1.A.9   | 1.A.9   | 1.A.9  | 1.A.9   | 1.A.9   | 1.A.9   | 1.A.9  | 1.A.9  | 1.A.9   | 1.A.9  | 1.A.9  |
| 1.A.10                      | 1.A.10  | 1.A.10   | 1.A.10   | 1.A.10   | 1.A.10   | 1.A.10  | 1.A.10   | 1.A.10   | 1.A.10   | 1.A.10  | 1.A.10  | 1.A.10   | 1.A.10  | 1.A.10  | 1.A.10  | 1.A.10   | 1.A.10   | 1.A.10  | 1.A.10 | 1.A.10 |



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(Luxembourg)

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19) \_\_\_\_\_  
20) \_\_\_\_\_

Here above is provided copy of the "EC" Declaration of Conformity (EC Declaration of Conformity acc to 2006/42/EC). The EC Declaration of Conformity is the manufacturer's declaration about equipment compliance to relevant EU provisions. Please keep the original document in a safe place. Local authorities may require you to show this document in order to assure compliance of your equipment. Translation of this declaration in your own country language is provided on the original document

For your better and easier understanding of the document you'll find original text reproduced hereafter together with some notes

|                               |   |
|-------------------------------|---|
| Clause of 2006/42/EC Annex II | EN EC Declaration of conformity According to Directive 2006/42/EC.  |
| 1.A.1                         | We, <b>[1]</b>  |
| 1.A.2                         | Represented by Giuseppe Gavioli,<br>CNH Europe Holding S.A.<br>24, Boulevard Royal<br>L- 2449 Luxembourg  |
| 1.A.3                         | declare under our sole responsibility, that the product:<br>Agricultural tractor<br>Trade Name: <b>[2]</b><br>Model: <b>[3]</b><br>Type: <b>[4]</b><br>Serial number: <b>[5]</b>                  |
| 1.A.4                         | to which this declaration relates, fulfils all the relevant provisions of the Directive 2006/42/EC, amended by <b>[6]</b> .   |
| 1.A.7                         | For the relevant implementation of the provisions of the Directive, the following (harmonised) standards have been applied:<br>• ISO 26322-1 part 1 or 2<br>Other standards: see Operators Manual |
| 1.A.9                         | Place and date of the declaration: <b>[7]</b>   |
| 1.A.10                        | Name and signature of the authorised person: <b>[8]</b>   |

- FOPS level on your tractor cab is certified according to OECD Code 10.
- The "BLUE CAB" is certified Category 2 according to EN 15695-1.
- The HVAC (Heating, Ventilation and Air-Conditioning) cab is certified Category 1 according to EN 15695-1.
- The HV (Heating, ventilation) cab is certified Category 1 according to EN 15695-1.

## Commission directive 2010/52/EU

### Aspects concerning safety of directive 2010/52/EU

#### Section 4.1

##### A Ergonomic position of the driver seat.

Adjust the driver seat correctly in the most comfortable, ergonomic position before using the machine. This reduces the risks and effects of the vibrations transmitted to the whole body. Please refer to **3-9** for specific adjustment instructions. See **2-7** for further information on the effects and risks of vibration transmitted to the whole body.

##### B Heating, ventilation and air-conditioning.

Carefully read and comprehend the instructions for using and operating the air-conditioning, heating and ventilation system, given on **3-5**. Only a correct use of the cab ventilation and filtration system provides protection against dust and that the minimum differential pressure is ensured. The necessary filtration of the outside air can be accomplished only by using the air-conditioner and setting the fan on the highest speed with the doors, windows and canopy closed.

##### C Starting and shutting down the engine.

To be able to use the machine safely, it is recommended to read and fully understand all the information on engine start-up and shutdown and likewise safety for use and operation. Please refer to **4-3** and **4-5**.

##### D Emergency exit.

The tractor's rear window can be used as an emergency exit, as indicated by a special safety sign. See **2-18**.

##### E Getting on and off the tractor.

#### **▲ WARNING**

##### **Fall hazard!**

**Jumping on or off the machine could cause an injury. Always face the machine, use the handrails and steps, and get on or off slowly. Maintain a three-point contact to avoid falling: both hands on the handrails and one foot on the step, or one hand on the handrail and both feet on the steps. Failure to comply could result in death or serious injury.**

W0141A

See **2-18**.

##### F Articulated tractors.

#### **▲ WARNING**

##### **Uncontrolled equipment movement!**

**Moving the articulated tractor steering wheel can swing or move attached equipment. Do not move the steering wheel until everyone is clear of the equipment. Failure to comply could result in death or serious injury.**

W0906A

There is no space for people when the tractor steers.

To avoid personal injuries:

- Keep at a distance from the tractor articulation zone when the engine is running.
- Switch off the engine before working in the tractor articulation zone.
- Install the articulation cylinder retaining blocks before lifting the tractor or transporting it with another means, performing maintenance work in the articulation zone or activating static implements driven by the Power Take-Off (PTO). Take care to remove the retaining blocks before driving the tractor.
- Keep the transmission guards in position.

**G** | Special tools.

No special tools are required for using or servicing the machine. For support and maintenance work and services not covered in this manual, please contact your NEW HOLLAND AGRICULTURE dealer.

**H** | Support and maintenance.

**⚠ DANGER**

**Improper operation or service of this machine can result in an accident.  
Do not operate this machine or perform any lubrication, maintenance, or repair on it until you have read and understood the operation, lubrication, maintenance, and repair information.  
Failure to comply will result in death or serious injury.**

D0010A

**⚠ DANGER**

**Improper operation or service of this machine can result in an accident.  
Any unauthorized modifications made to this machine can have serious consequences. Consult an authorized dealer on changes, additions, or modifications that may be required for this machine. Do not make any unauthorized modifications.  
Failure to comply will result in death or serious injury.**

D0030A

**⚠ WARNING**

**Improper operation or service of this machine can result in an accident.  
Read and understand the SAFETY INFORMATION Section before you perform any maintenance, service, or repairs. Read and understand the specific service procedures for the components you plan to work with before you start servicing the machine.  
Failure to comply could result in death or serious injury.**

W0138A

**⚠ WARNING**

**Improper operation or service of this machine can result in an accident.  
If you do not understand a maintenance procedure, or doubt your ability to perform a maintenance procedure correctly, see your authorized dealer.  
Failure to comply could result in death or serious injury.**

W0157A

**⚠ WARNING**

**Personal Protective Equipment (PPE) required.  
When assembling, operating, or servicing the machine, wear protective clothing and PPE necessary for the particular procedure. Some PPE that may be necessary includes protective shoes, eye and/or face protection, hard hat, heavy gloves, filter mask, and hearing protection.  
Failure to comply could result in death or serious injury.**

W0353A

**I** | Hydraulic hoses.

Although periodical inspection of the hydraulic hoses is required, it is not necessary for the operator to carry out maintenance work. Please refer to the general precautions to be observed for tests and inspections given in this manual (Maintenance chapter).

**J** | Towing the Tractor.

**⚠ WARNING**

**Avoid injury!  
Incorrect towing procedures can cause accidents. When towing your machine, follow the procedure in this manual.  
Failure to comply could result in death or serious injury.**

W0476A

Please refer to 5-1.

**K** | Hoisting points.

The points to use for hoisting the machine are shown on **2-14**.

**L** | Batteries and fuel tank.

Observe all the following precautions. Please refer to **7-44** for the specific maintenance operations on the battery. Please refer to **7-7** for instructions on filling.

**⚠ WARNING**

**Explosive gas!**

**Batteries emit explosive hydrogen gas and other fumes while charging. Ventilate the charging area. Keep the battery away from sparks, open flames, and other ignition sources. Never charge a frozen battery.**

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

W0005A

**⚠ WARNING**

**Battery gas can explode!**

**To prevent an explosion: 1. Always disconnect the negative (-) battery cable first. 2. Always connect the negative (-) battery cable last. 3. Do not short circuit the battery posts with metal objects. 4. Do not weld, grind, or smoke near a battery.**

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

W0011A

**⚠ WARNING**

**Battery acid causes burns. Batteries contain sulfuric acid.**

**Avoid contact with skin, eyes or clothing. Antidote (external): Flush with water. Antidote (eyes): flush with water for 15 minutes and seek medical attention immediately. Antidote (internal): Drink large quantities of water or milk. Do not induce vomiting. Seek medical attention immediately.**

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

W0111A

**⚠ WARNING**

**Fire hazard!**

**When handling diesel fuel, observe the following precautions:**

- 1. Do not smoke.**
- 2. Never fill the tank when the engine is running.**
- 3. Wipe up spilled fuel immediately.**

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

W0099A

**⚠ WARNING**

**Fire hazard!**

**Do not add gasoline, alcohol, or blended fuels to diesel fuel, except as recommended in this manual. Fuel combinations may increase fire and explosion hazards.**

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

W0401A

**⚠ WARNING**

**Fuel vapors are explosive and flammable.**

**Do not smoke while handling fuel. Keep fuel away from flames or sparks. Shut off engine and remove key before servicing. Always work in a well-ventilated area. Clean up spilled fuel immediately.**

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

W0904A

**M** | Danger of overturning.

Do not use the tractor on slopes or in such conditions as to compromise its limits of safety and stability, indicated in **2-11**. Using the tractor beyond these limits may result in a roll over or a tip over. Observe the recommendations in this manual. Pay particular attention when coming down steep slopes with a loaded tractor.

Do not drive the tractor on or near the edge of ditches, canals, dykes or embankments with ground that is unstable or dug out by rodents. The tractor may sink sideways and roll – over.

Do not use the tractor on unstable bridge – heads and poor bridge floors. These constructions may collapse and cause roll - over of the tractor. Always inspect the condition and carrying capacity of bridges and ramps prior to crossing.

Do not use the tractor without wearing the seat restraint system during activities where roll over or tip over hazards exist. Cabs with a Roll Over Protective Structure (**ROPS**) offer adequate protection only when the operator is correctly fastened in his seat.

Do not use the tractor beyond its limits of dynamic stability. High speed, abrupt maneuvers and fast and tight cornering will increase the risk of roll over.

Do not use the tractor for pulling work, in cases where you do not know whether the load will yield, for instance when pulling stumps. The tractor may flip over backwards when the stump is not yielding.

Be extremely cautious when working with the tractor on forage silos without side concrete walls. To increase the tractor's side stability, it is possible to mount twin wheels or increase its track setting.

Be cautious that the centre of gravity of the tractor may increase when loads on the front – end loader or the three-point linkage are raised. In these conditions, the tractor may roll – over earlier than expected.

**N** | Avoid burns.

**▲ WARNING**

**Hot surface possible!**

**Wait for all components to cool before performing any operation.**

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

W0251A

See **2-16**.

**O** | Falling Objects Protective Structure (**FOPS**).

The tractor is equipped with type approved **ROPS** and **FOPS** in accordance with Code 10 of the Organisation for Economic Co-operation and Development (OECD).

**P** | Dangerous substances.

The tractor cab corresponds to the category stated on the plate of the ROPS. This category is indicated in **EN 15695-1:2009** and defines the level of protection for the operator against potentially dangerous substances, such as fertilizers or pesticides. On tractors without a cab, the level of protection corresponds to that of category 1. For the definitions, please refer to **2-8**.

**Q** | Operators Protection Structure (**OPS**).

The tractor is not equipped with a type approved **OPS**. Protection against object penetration (**OPS**) can be obtained solely by installing a specific kit. Contact your dealer to check the availability of a type approved **OPS** kit for the tractor, especially in the case of forestry applications.

## Section 4.2

**A** | Tractor implements.

The tractor is a multifunction machine, designed to tow, transport and operate various implements. It is not possible in this manual to give all the relevant information on safety in use and operation of the various tractor implement configurations.

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