

# OPERATOR'S MANUAL

**NEW HOLLAND**

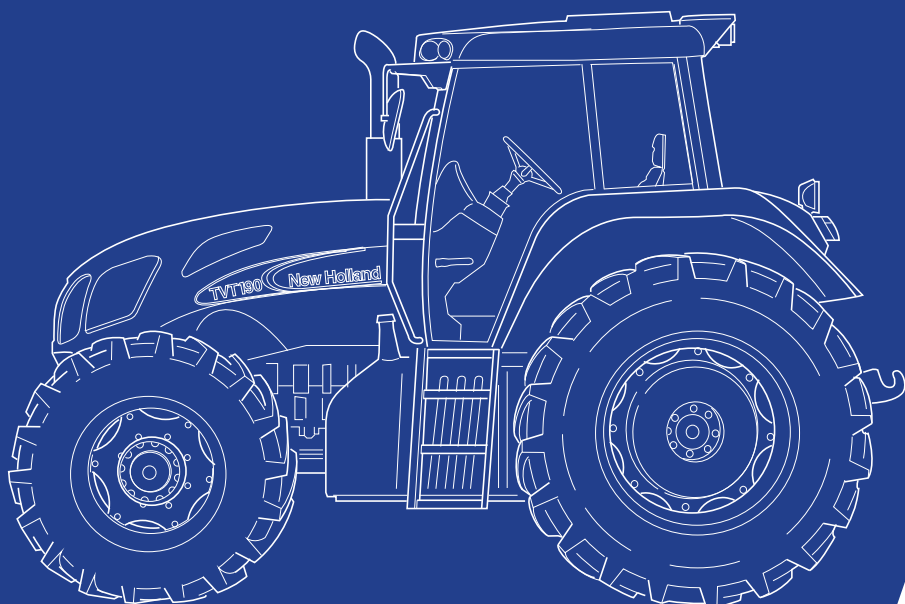
**TVT 135**

**TVT 145**

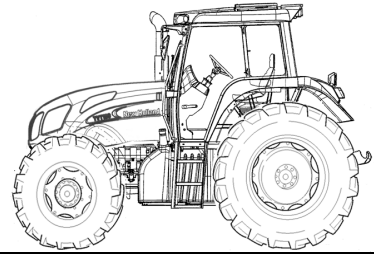
**TVT 155**

**TVT 170**

**TVT 190**



**NEW HOLLAND**



**NEW HOLLAND**

**TVT135**

**TVT145**

**TVT155**

**TVT170**

**TVT190**

**OPERATION  
MAINTENANCE  
TECHNICAL DATA**



**NEW HOLLAND**

# OVERVIEW OF SECTIONS

- 1 - General information and safety**
- 2 - Operating controls, instruments and operation**
- 3 - Field operation**
- 4 - Lubrication and maintenance**
- 5 - Electrical system**
- 6 - Longer periods of non-usage**
- 7 - Reversing facility/BiDrive**
- 8 - Tractor specification**
- 9 - Index**



COLOURATION	
COLOUR	COLOUR CODE
BLACK	M-1724-P
DARK GREY	RAL - 7024
GREY	RAL - 7015
WHITE	TA/21
NEW HOLLAND BLUE	86593620

## Electromagnetic compatibility (EMC)

This tractor meets EC guidelines concerning electromagnetic noise radiation.

However, interference can also be caused by auxiliary devices, which may not correspond to standard regulations.

As electromagnetic interference can cause serious vehicle malfunctions or dangerous situations, the following points must be observed:

- Make sure that all equipment mounted on the tractor supplied by other companies carries the CE symbol.



- The maximum output of radiating devices (radio, telephone, etc.) must not exceed the limit values of the country in which the tractor is operated.
- The electromagnetic field generated by an auxiliary device must never exceed 24V/m at any time and anywhere near electronic components.

Non-observance of these regulations will lead to the immediate expiry of the New Holland warranty.

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#### **SECTION 9 INDEX**

# SECTION 1

## GENERAL INFORMATION AND SAFETY

### TO THE OWNER

#### GENERAL INFORMATION

This manual was drawn up to help you to run-in, drive, operate and service your new tractor correctly. Please read this manual carefully. This tractor is intended for normal and conventional agricultural use.

If you require any information about the tractor, please consult your dealer. He has specially trained personnel, original parts and the necessary tools for carrying out your service and repair jobs.

Your tractor was designed and built to ensure maximum performance, economy and easy operation under different operating conditions. The tractor was carefully checked at the factory and by your dealer before delivery, to ensure that the vehicle is handed over in an optimum operating state. To maintain this state and ensure perfect operation, it is important that the routine checks (see Section 4 of the manual) are carried out at the specified intervals.

#### CLEANING THE TRACTOR

Your tractor is a state-of-the-art machine with highly developed electronic operating controls. Please bear this in mind when you clean the tractor, especially if you use high-pressure cleaners! Even if all necessary measures have been taken to protect electronic components and connections, the pressure generated by some of these cleaners is so great that total water tightness cannot be guaranteed.

Do not stand too close to the tractor when using a high-pressure cleaner and do not point the jet at electronic components, electric connections, seals, filler plugs, etc. Never point a cold water jet at a hot engine or exhaust pipe.

#### SAFETY

Pages 1-7 to 1-11 contain all measures that have to be taken to ensure personal safety and the safety of others. Read and observe the safety precautions **before** operating the tractor.

#### REPLACEMENT PARTS

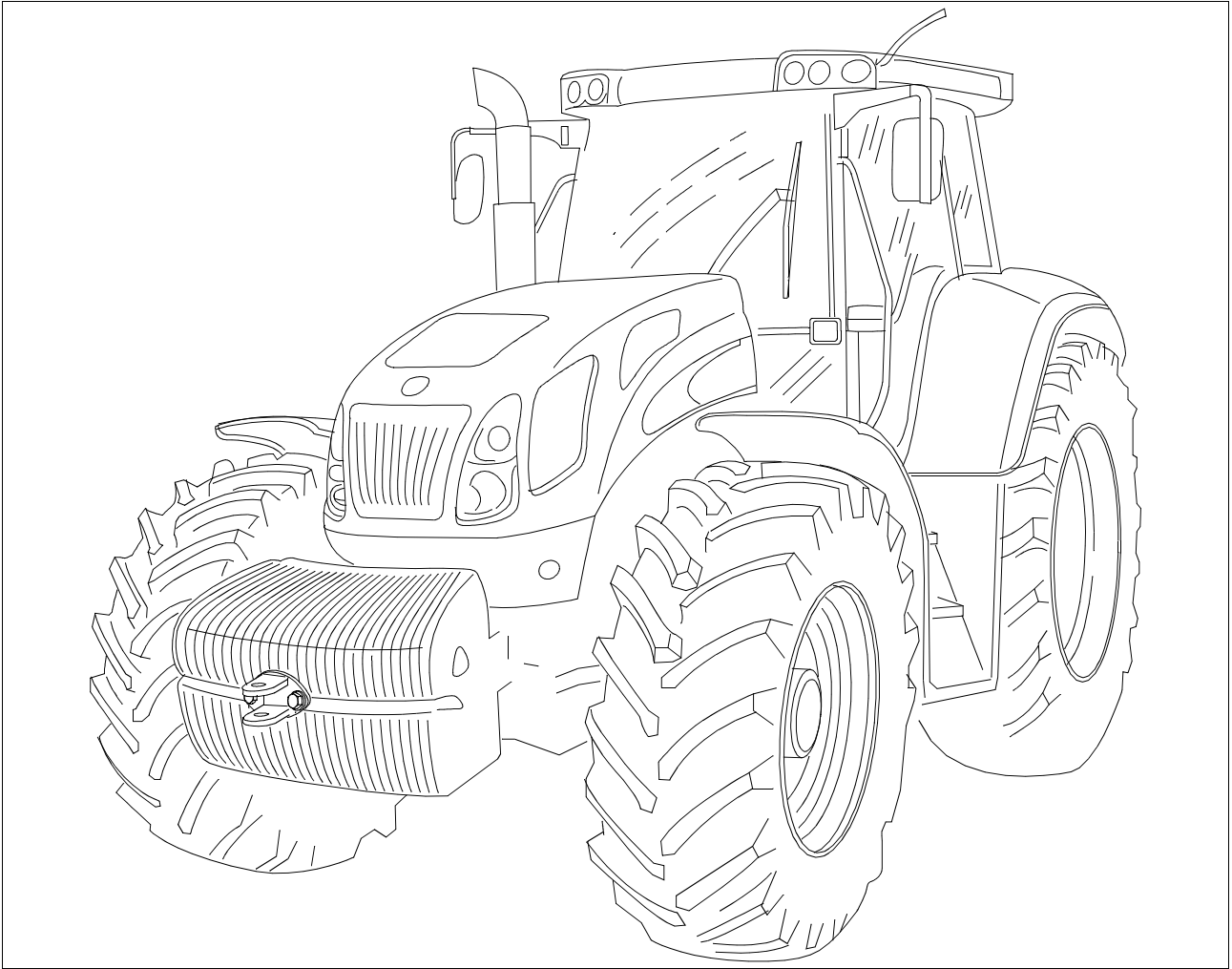
We would like to point out that original parts have been checked and approved by the company. Using non-original parts could have negative effects on the tractor's design characteristics and thus impair safety. The company will not accept liability for damage caused by using non-original parts and accessories. Only original spare parts from New Holland should be used. Using non-original parts could invalidate relevant statutory authorizations.

It is forbidden to make modifications to the tractor without the written permission of the company's Customer Service department.

#### WARRANTY

The warranty for your tractor is based on the warranty legislation in your country and the contractual relationship with the dealer. However, the warranty expires if the tractor is not used, set up and serviced according to the instructions in the operator's manual.

## NEW HOLLAND TVT 190 TRACTOR



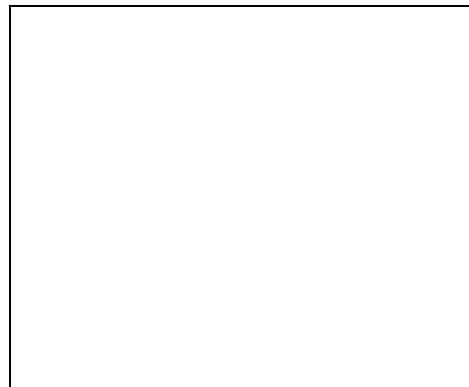
SC04A082

Dealers stamp



**Manufacturer:**

CNH Österreich GmbH  
Steyrerstrasse 32  
A-4300 St. Valentin  
AUSTRIA





## How to use this manual

Read this manual before operating your tractor.  
Call your retailer for further information.

This manual contains important information about working, setting up and maintaining your New Holland tractor safely. This manual is divided into individual chapters corresponding to the contents so that you can easily find information. Information concerning the tractor is divided into 4 chapters :

1. INSTRUMENTS AND CONTROLS - The layout of all controls is shown here.
2. WORK NOTES - General notes on daily work with the tractor e.g. starting up/turning off the tractor, operating the transmission etc.
3. OPERATIONAL USE - This chapter contains notes on various work uses, specifically for use with implements, e.g. three-point linkage , rear PTO etc.
4. TYRES/WHEELS/TRACK WIDTHS/  
BALLASTING - Settings for various tractor working scenarios are described here, e.g. tyre pressures, track widths etc.

Tractor maintenance is divided into two chapters :

5. LUBRICATION/MAINTENANCE - Regular maintenance intervals.
6. ELECTRICAL LAYOUT - General maintenance notes on electrics.

**IMPORTANT:** See the alphabetical index at the end of the manual in order to find a particular item in the manual concerning your machine.

Position descriptions such as in front, behind, right and left are understood to be as seen from the tractor's seat, facing in a forward direction.

Do NOT allow yourself or anyone else to drive the machine or carry out maintenance work without having read the manual. Only employ trained drivers who have shown their ability to correctly and safely work and maintain the machine.

With its standard equipment and licensed fittings, this tractor is intended for use in agriculture etc.

Do NOT use the machine for any other purpose other than those described in the manual. Get in touch with an authorised dealer concerning changes, additions or modifications which could be necessary for your machine to fulfil the relevant national guidelines and safety requirements. Release or approval from the manufacturer is required for custom-built bodies. Unapproved changes will render product liability null and void.

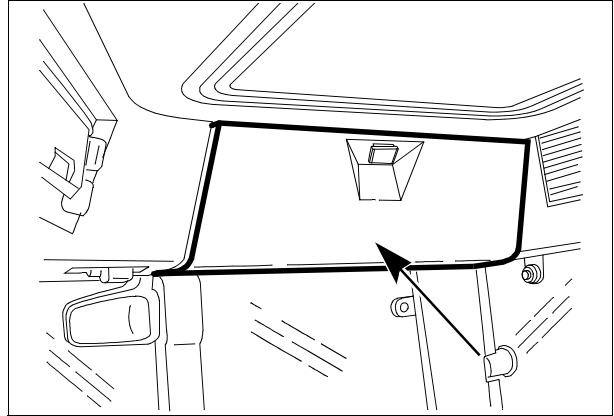
## Keeping your manual safe

Keep the operating manual in the compartment provided for that purpose on your tractor.

Ensure that this manual is complete and remains in good condition.

Ask your retailer for additional manuals or further information as well as support for your machine. Your retailer employs specially trained engineers who know the best method of repair and maintenance for your machine.

*This operating manual is part of your tractor. If the tractor is sold or hired out, the operating manual **MUST** be handed over with it.*




SC04A083

## PRODUCT IDENTIFICATION AND SERIAL NUMBER

Fill in the machine type designation, the product identification number (P.I.N.) and serial number on the corresponding line below. If required, pass on this numerical data to the New Holland dealer when ordering parts or making inquiries.

Write down the identification number. Records and the vehicle log book must be kept in a safe place. If the machine is stolen, these code numbers must be reported to the local police station.

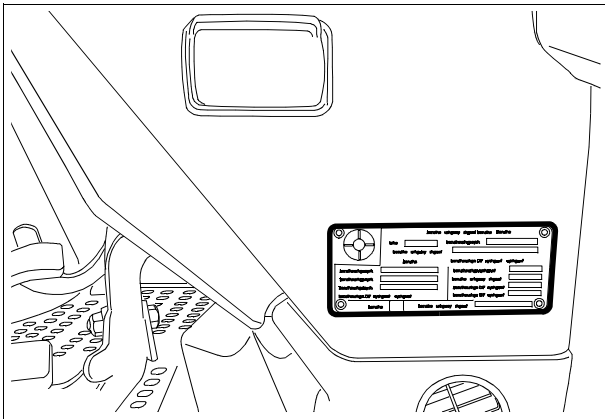
### Type plate details

		<b>CNH International SA</b>		Made in AUSTRIA			
		TYP: <b>9095</b>	EWG-Nummer: <b>e1-74/150-0144</b>				
		Identifizierungsnummer: <b>DBD0090001</b>					
		<u>Zugmaschine:</u>		<u>Technisch zulässige Anhängelast:</u>			
zul.Gesamtgewicht*):	<b>11000</b>	bis		kg	ungebremste Anh.last:	<b>1500</b>	kg
zul.Achslast vorne*):	<b>5000</b>	bis		kg	Anh.last f. Unabh.Bremsg:	<b>6000</b>	kg
zul.Achslast hinten*):	<b>9000</b>	bis		kg	auflaufgebremste Anh.last:	<b>8000</b>	kg
*) abhängig von der montierten Bereifung					hydr./pneumat.gebr. Anh.last:	<b>30500</b>	kg
		<b>1,9</b>	Eigengewicht (kg)		<b>6650</b>		

SS04A049

### Arrangement of individual numbers

TRACTOR

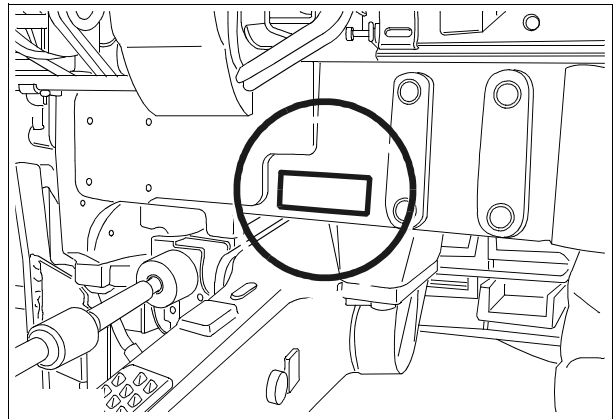


SC04A088

Type designation \_\_\_\_\_

Product identification number \_\_\_\_\_

TRACTOR

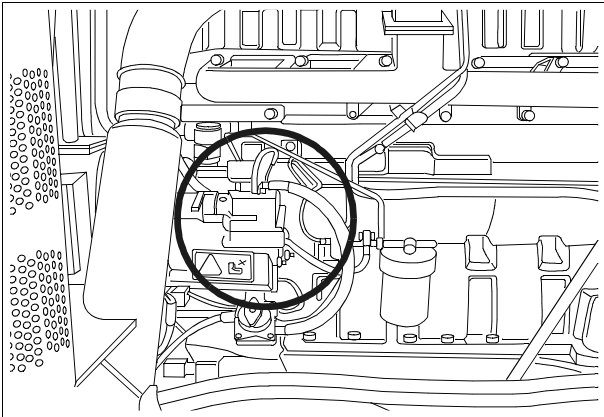


SC04A090

Type designation \_\_\_\_\_

Product identification number \_\_\_\_\_

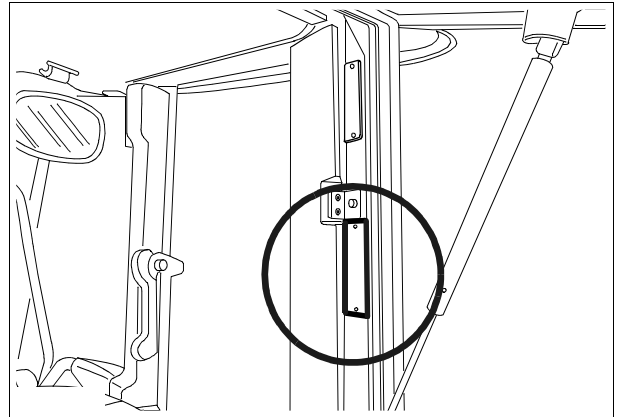
ENGINE



SC04A077

Serial No. \_\_\_\_\_

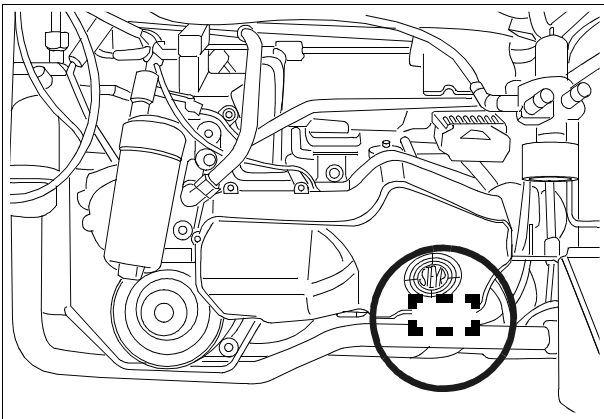
CAB



SC04A89

Serial No. \_\_\_\_\_

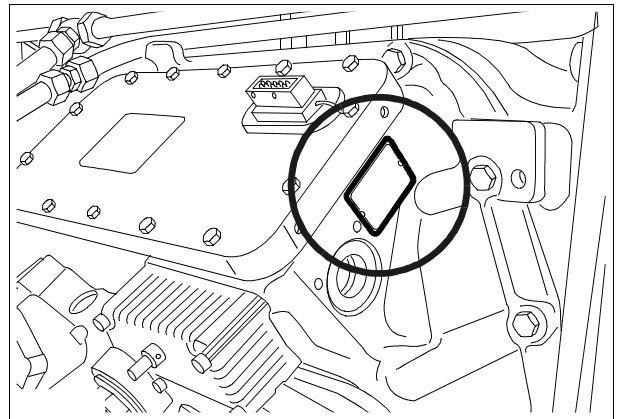
AUTOCOMMAND



SC04A140

Serial No. \_\_\_\_\_

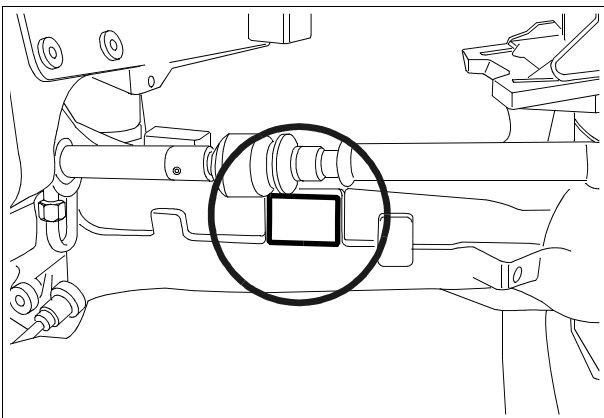
CARTRIDGE



SC04A094

Serial No. \_\_\_\_\_

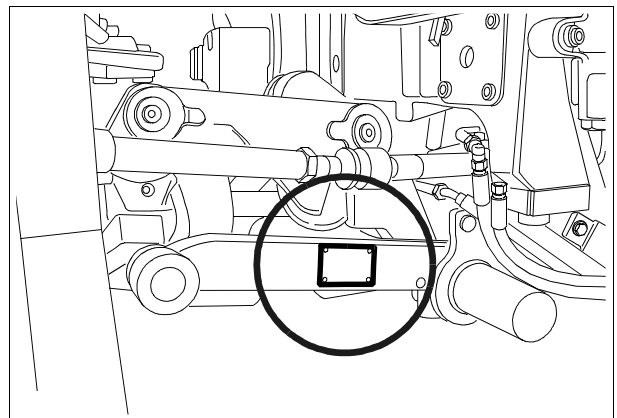
4-WHEEL DRIVE (if fitted)



SC04A091

Serial No. \_\_\_\_\_

TERRAGLIDE SUSPENSION (if fitted)



SC04A092

Serial No. \_\_\_\_\_



**NOTE**



*THIS WARNING SYMBOL POINTS TO IMPORTANT SAFETY NOTES IN THIS MANUAL. WHEN THIS SYMBOL APPEARS, THE SUBSEQUENT NOTES ARE TO BE READ THROUGH CAREFULLY IN ORDER TO MAKE YOU AWARE OF POSSIBLE DANGER OF INJURY, EVEN RESULTING IN DEATH.*

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The safety labels on this machine use the words **danger, warning or caution**. These terms are defined as follows:

- **DANGER** : This indicates an immediate hazardous situation that, if not avoided, will result in death or serious injury. The colour associated with Danger is RED.
- **WARNING** : This indicates a potentially hazardous situation that, if not avoided, could result in death or serious injury. The colour associated with Warning is ORANGE.
- **CAUTION** : This indicates a potentially hazardous situation that, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices. The colour associated with Caution is YELLOW.



OPERATING THIS MACHINE INCORRECTLY CAN LEAD TO INJURY OR DEATH. MAKE SURE THAT EACH DRIVER HAS MET THE FOLLOWING REQUIREMENTS BEFORE USING THIS MACHINE :

- He must have been instructed in the safe, correct use of the machine.
- He must have read and understood the manual (manuals) referring to the machine.
- He must have read and understood ALL safety labels on the machine.
- He has turned away all persons from the working area.
- He must have studied and practised the safe usage of the machines control elements in a safe and open training field before using this machine in the working environment.

It is your responsibility to pay attention to the relevant laws and guidelines and the notes of CNH Österreich GmbH regarding working with and servicing this machine .

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



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perfect and complete manual in  
the world immediately.

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