

ORIGINAL INSTRUCTIONS

# OPERATOR'S MANUAL

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**T9.450**

**T9.505**

**T9.560**

**T9.615**

**T9.670**

**T9.615 SmartTrax™**

**T9.670 SmartTrax™**

**Tier 2**

**Tractor**

*PIN JEEZ00000JF406501 and above*

**Part number 51461865**

1<sup>st</sup> edition English

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# 1 - GENERAL INFORMATION

## Note to the owner

This manual contains important information about the safe operation, adjustment, and routine maintenance of your tractor. The manual is divided into ten chapters as outlined on the Contents page. Refer to the index at the end of this manual for locating specific items about your tractor.

Do NOT operate or permit anyone to operate or service this machine until you or the other persons have read this manual. Use only trained operators who have demonstrated the ability to operate and service this machine correctly and safely.

Store this operator's manual in the manual compartment behind the operator's seat in the vehicle. Make sure this manual is in good condition. Contact your dealer to obtain

additional manuals. Contact your dealer for any further information or assistance about your machine. Your dealer has approved service parts. Your dealer has technicians with special training that know the best methods of repair and maintenance for your tractor.

**ATTENTION:** *The engine and fuel system on your machine is 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 complete. Engine service and/or repairs must be done by a certified technician only!*

## Intended use

The intended use of T9 series tractors with standard equipment and authorized attachments is for customary farming, land leveling, and related agricultural operations. Standard equipment includes rear-drawbar towed implements and hitch-mounted implements for tillage, planting, seeding, and hauling. You or a NEW HOLLAND authorized dealer must install attachments for agricultural liquid chemical application in a way that does not impair the safe operation of the tractor. Compliance with and strict adherence to the conditions of operation, service, and repair, as specified by NEW HOLLAND, and including conditions as to inspection, cleaning and maintenance, constitute essential elements of the intended use.

NEW HOLLAND does not intend for the use of this tractor for forestry work or with loaders. The cab on this tractor does not offer sufficient protection. NEW HOLLAND does not approve the installation or use of unauthorized frame-mounted or other attachments. No attachment should be used in a manner that would be ground engaging or for pushing anything other than loose material (i.e. silage, compost, snow). You or a NEW HOLLAND authorized dealer must install attachments in a way that does not impair the safe operation of the tractor. The tractor warranty will not cover any tractor damage that results from the installation and/or use of such equipment.

Consult an authorized NEW HOLLAND dealer or CNH Industrial America LLC on changes, additions, or modifica-

tions that this tractor may require to comply with various regulations and safety requirements. Unauthorized modifications will cause serious injury or death. Anyone who makes such unauthorized modifications is responsible for the consequences.

Only use this tractor in the manner described in the provided manuals, decals, and other product safety materials. These materials define the intended use of the tractor. NEW HOLLAND considers use in any other way as contrary to the intended use. NEW HOLLAND accepts no liability for any damage or injury that results from this misuse. The user must solely bear these risks.

All persons who will operate this tractor shall possess a valid local vehicle-operating permit and/or other applicable local age work permits.

All persons who operate, service, and repair this tractor must be familiar with all its particular characteristics, and understand the relevant safety rules.

Any arbitrary modifications carried out on the tractor will relieve NEW HOLLAND of all liability for any resulting damage or injury.

## CNH Industrial America LLC technical manuals

Manuals are available from your dealer for your machine. Your dealer can expedite your order for operator manuals and parts catalogs.

Always give the machine name, model and Product Identification Number (PIN) of your machine so your dealer can provide the correct manuals for your machine.

The company is continually striving to improve its products and therefore reserves the right to make improvements and changes when it becomes practical and possible to do so, without incurring any obligation to make changes or additions to the equipment sold previously.

### Manual scope and required training level

This manual provides information on the intended use of your tractor under the conditions foreseen by the manufacturer during normal operation, routine service and maintenance and periodic service and maintenance.

Normal operation is use of the tractor for the purpose intended by the manufacturer by an owner/operator who is familiar with the tractor and the mounted or towed equipment, and who is complying with the information on operation and safe practices, provided in this manual and by the decals on the tractor and the equipment.

Normal operation includes such actions as preparing the tractor for storage and removing the tractor from storage, adding or removing ballast, connecting and disconnecting mounted or towed equipment, raising and lowering components into or out of work position, adjusting tractor settings for specific field or crop settings, etc.

Routine service and maintenance are those actions which must be performed daily to maintain proper tractor function by an owner/operator who is familiar with tractor characteristics, and who is complying with the information on routine service and safe practices in this manual and in the decals on the tractor.

Routine service and maintenance includes such actions as fueling, cleaning, washing, topping off fluid levels, greasing, and replacing consumable articles such as lamp bulbs.

Periodic service and maintenance are those actions which must be performed at regularly defined intervals

All data given in this manual is subject to production variations.

**NOTICE:** *Operating and service messages displayed on the electronic operating panel may vary from what is shown in the manual. If this occurs, heed the latest instructions on the electronic operating panel.*

Dimensions and weights are approximate only and the illustrations do not necessarily show the machine in standard condition. For exact information about any particular machine, please consult your dealer.

to maintain proper tractor function by an owner/operator who is familiar with tractor characteristics, and who is complying with the information on periodic service and safe practices in this manual and in the decals on the tractor.

Periodic service and maintenance includes such actions as checking, cleaning and changing air filters, changing engine oil and filters, changing transmission oil and filters, changing front axle and wheel hub fluids, changing coolant, etc.

Some actions in the periodic service and maintenance chart are beyond the knowledge and skills of the owner/operator: for example, engine valve adjustment, fuel injector nozzles. For these actions, the manual instructs the owner/operator to have the action performed by their authorized dealer.

This manual does not contain all the information related to periodical service and maintenance, converting and repairs to be carried out by professional service personnel. These actions require special facilities, technical skills, and/or tools which are not supplied with the machine.

Converting is changing the tractor configuration for a specific crop or soil condition and requires rebuilding or adding components to the vehicle: for example, installation of dual wheels. Repairing is the disassembly and assembly of the tractor to restore proper operation after a component failure or degradation of performance.

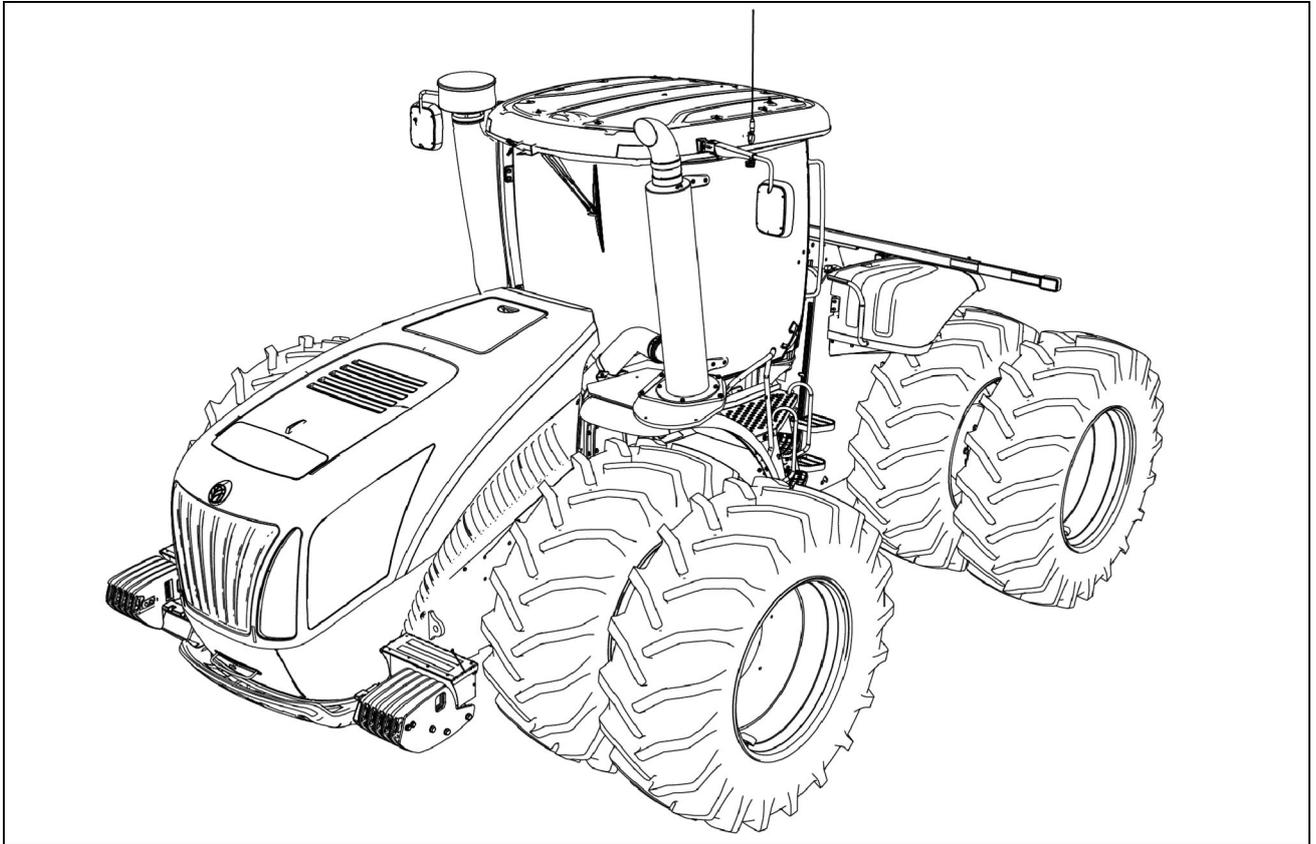
## Your tractor

This manual covers the T9.450, T9.505, T9.560, T9.615, T9.615 **SmartTrax™**, T9.670 and T9.670 **SmartTrax™** models.

References are made within this manual of “row crop models” and “high power models”.

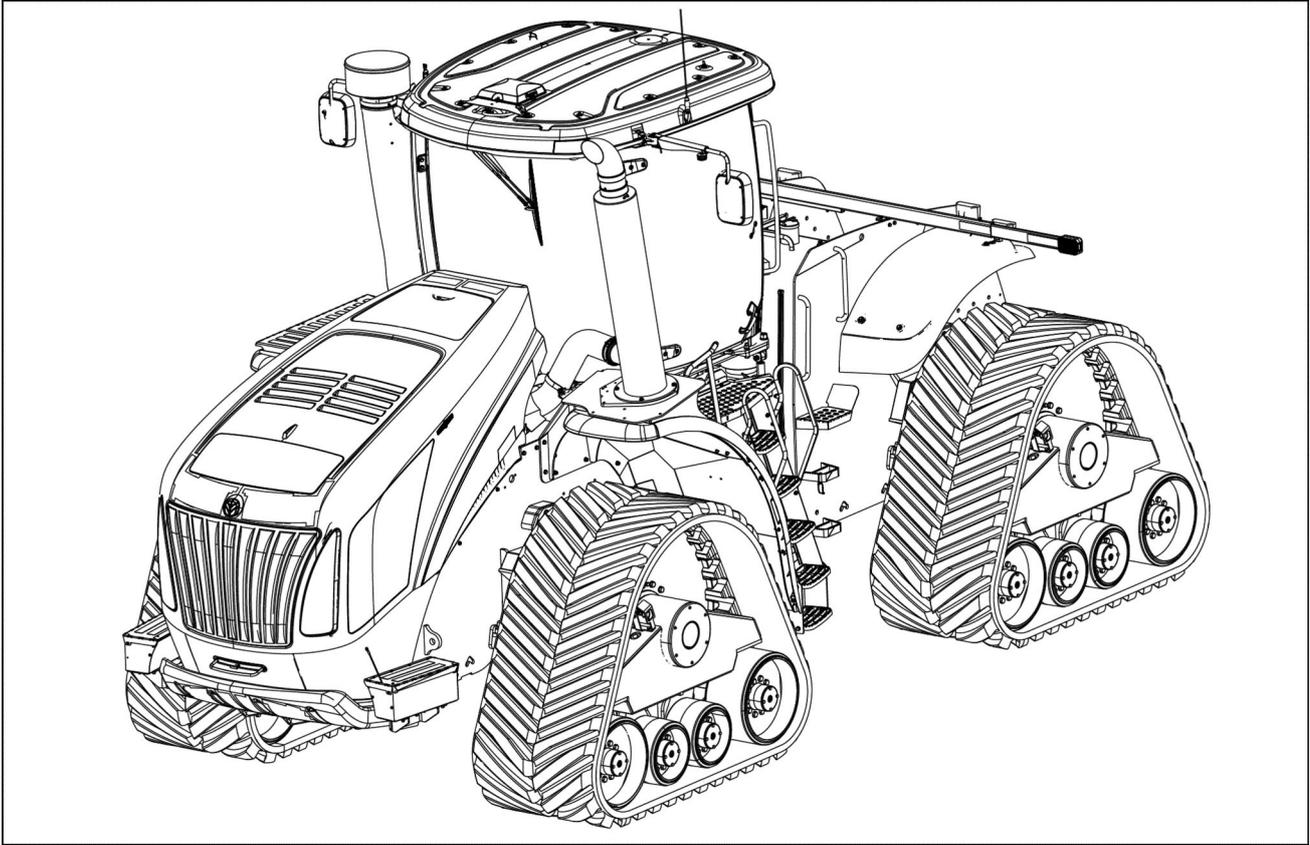
Row crop models include T9.450, T9.505, and T9.560 models.

High power models include T9.615, and T9.670 models and all **SmartTrax™**.



RAIL18TR00681FA 1

**T9. models**



RAIL18TR00683FA 2

**SmartTrax™ models**

## Electro-Magnetic Compatibility (EMC)

Interference may arise as a result of add-on equipment that 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 warranty null and void.

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