

SERVICE MANUAL

T4.90 FB / T4.100 FB / T4.110 FB
Tractor

Part number 51427780
English
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Chapter N°	Description
1	INTRODUCTION
2	ENGINE
3	CLUTCH HOUSING
4	GEARBOX
5	REAR DIFFERENTIAL
6	REAR FINAL DRIVE UNITS
7	FRONT AXLE
8	TRANSFER CASE
9	REAR POWER TAKE OFF
10	BRAKES
12	HYDRAULIC SYSTEM
13	PLATFORM
14	CAB
15	REAR HITCH
17	ELECTRICAL SYSTEM
18	SPECIAL TOOLS

I : Introduction

Index

I.1	Reading this manual	1-3
1.1.1	Introduction	1-4
1.1.2	Structure of this manual.....	1-4
1.1.3	Identifying the tractor.....	1-5
I.2	Safety rules	1-7
1.2.1	Essential preventive guidelines.....	1-8
1.2.2	Using the tractor safely	1-16
I.3	General	1-19
1.3.1	Spare parts	1-20
1.3.2	Specific tools.....	1-20
1.3.3	Oil seals for rotating shafts	1-20
1.3.4	Adjuster shims.....	1-20
1.3.5	O-ring seals	1-21
1.3.6	Sealants used.....	1-21
1.3.7	Spring pins	1-21
I.4	Technical characteristics	1-23
1.4.1	Engine	1-24
1.4.2	Transmission	1-25
1.4.3	Brakes.....	1-25
1.4.4	Steering wheel.....	1-25
1.4.5	Rear power take off	1-26
1.4.6	Front Power Take Off	1-26
1.4.7	Rear lift	1-26
1.4.8	Front lift.....	1-26
1.4.9	Hydraulic System	1-27
1.4.10	Electrical system	1-27
1.4.11	Driver zone.....	1-27
1.4.12	Cab.....	1-28
1.4.13	Towing devices	1-28
1.4.14	Towable masses.....	1-29
1.4.15	Ballast weights	1-29
1.4.16	Weights and dimensions	1-30
1.4.17	Lubricants	1-33
1.4.18	Speed	1-34
1.4.19	Conversion tables.....	1-37

I.5	Tightening torques and sealants	I-39
I.5.1	Tightening torques for nuts.....	I-40
I.5.2	Tightening torques for ring nuts	I-40
I.5.3	Tightening torques for hex head screws.....	I-41
I.5.4	Tightening torques for stud bolts	I-41
I.5.5	Tightening torques for tapered plugs.....	I-41
I.5.6	Loctite sealant types	I-42
I.6	General assembly instructions	I-43
I.6.1	Oil seals	I-44
I.6.2	O-Rings	I-45
I.6.3	Bearings.....	I-46

I.1 Reading this manual

Index

I.1.1 Introduction	1-4
I.1.2 Structure of this manual	1-4
I.1.3 Identifying the tractor	1-5

1.1.1 Introduction

The purpose of this workshop manual is to provide all the essential information necessary, explain operating principles and describe the settings which must be made to the different parts and assemblies of our tractors.

The information and disassembly sequences given in this manual are not exhaustive as the manual itself is intended for use by technical service personnel who have attended training courses on the product. As a result, the theoretical knowledge and practical experience acquired during the training course are required in order to follow the instructions given in this manual.

To prevent the risk of operator error or distraction which could put the technical personnel working in the service centre at risk, the section "2- Safety rules" must be read before reading any other part of this manual.

The information contained in this manual is up to date at the time of publication. NEW HOLLAND reserves the right to modify the contents of this document without notification. If any discrepancies are noted or for any other queries, contact your area dealer or importer.

1.1.2 Structure of this manual

This manual is subdivided into chapters, which are subdivided in turn into sections.

Pages are numbered from 1 at the start of each chapter, with the page number indicated after the chapter number.

Example: For example, 3-9 indicates page 9 of chapter 3.

Figures are numbered from 1 at the start of each chapter, with the figure number indicated after the chapter number.

Example: For example, 8.16 indicates figure 16 of chapter 8.

The special tools deemed necessary to disassemble, reassemble and adjust the respective parts and assemblies are indicated at the end of each chapter.

The main tightening torques for assembling the parts of the tractor correctly are indicated at the end of each chapter. For all unspecified tightening torque values, refer to the section "Tightening Torques" in chapter "1-Introduction"

I.1.3 Identifying the tractor

Always cite the identification details of the machine when contacting the Technical Support Service or ordering a part from the Spare Parts Warehouse. Specifically, the following information is needed:

- Commercial name;
- Production series;
- Machine type;
- Variant/Version;
- Identification number (serial number).

All the aforementioned details are stamped on a metal plate fixed to the machine in an easily accessible place for reference whenever needed.

- 1 - Commercial name
- 2 - Category
- 3 - EU Homologation
- 4 - Identification number (serial number)

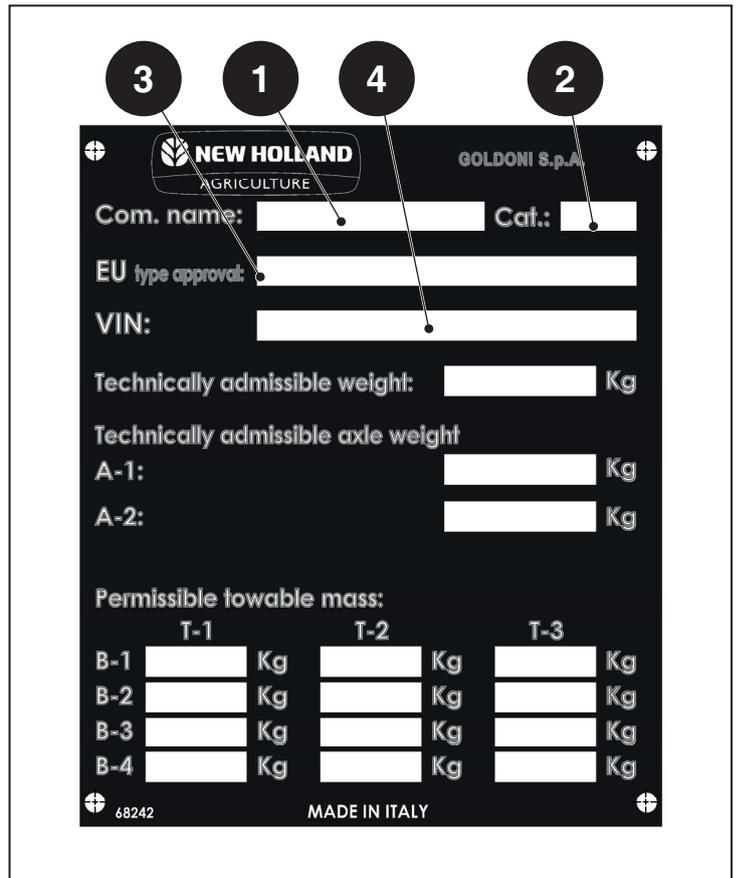


Fig. I.1

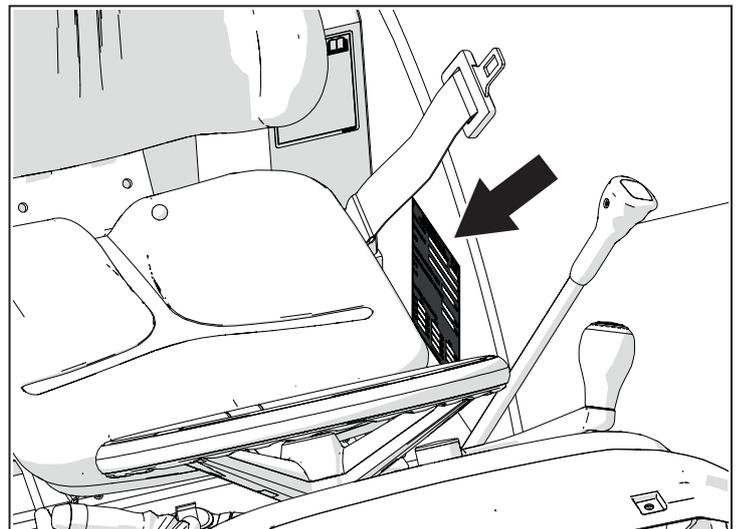


Fig. I.2

The chassis number is also stamped on the chassis itself.

The identification data is punched onto the front right hand side of the tractor.

Note
See the workshop manual provided by the respective manufacturer for instructions on identifying the engine installed in the tractor.

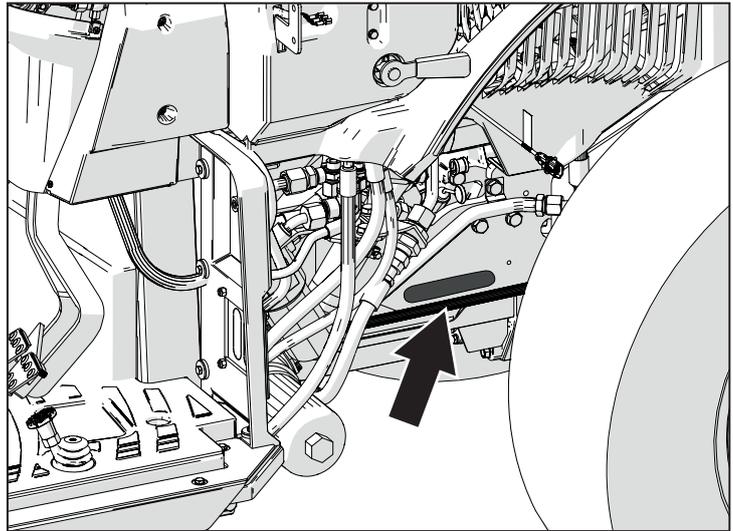


Fig. I.3

- 1 -Constructor brand code
- 2 -Production series
- 3 -Variant
 - Y1/Y2- Engine power
 - Y3- Protective structure
- 4 -Version
 - Y4- Speed
 - Y5- Engine emissions compliance stage
 - Y6- Brand
- 5 -Chassis number (serial number)

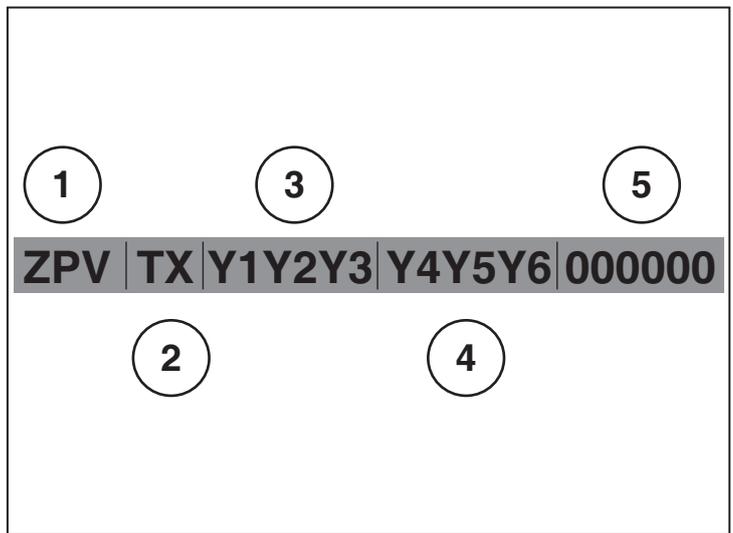


Fig. I.4

1.2.1 Essential preventive guidelines

The premises, installations and equipment of the repair workshop must all be compliant with applicable work safety legislation to ensure the health and safety of all persons working in the workshop.

While clearly not exhaustive, the safety rules given in this section provide important information for workers on the hazards they may encounter while carrying out their jobs.

Your own safety and the safety of others must always be the first priority when working on any machine of any type.

To work in complete safety, it is essential that personnel understand the nature of the work to be done, use the right tools and materials for the job correctly, and act with good common sense. Read all the safety messages in this introduction of this manual and take note of all "**Caution**", "**Warning**" and "**Danger**" notices in this document.

	<p>This symbol means: NOTE!</p> <p>This symbol is used to draw attention to specific methods or procedures which must be applied in order to perform maintenance on the tractor correctly.</p>
	<p>This symbol means: WARNING</p> <p>This symbol is used to draw attention to operations which must be performed with particular caution as they may put the structure of the tractor or its components at risk.</p>
	<p>This symbol means: ATTENTION!</p> <p>This symbol is used to draw attention to safety related information. Read these messages with particular care. Make sure that you have fully understood what may cause potentially dangerous or fatal accidents.</p>
	<p>This symbol means: DANGER!</p> <p>This symbol is used to identify a situation of danger for yourself and for others. Read these messages with particular care. Make sure that you have fully understood what may cause potentially dangerous or fatal accidents.</p>

1.2.1.1 General rules

1.2.1.1.1 Preliminary guidelines

- always follow the directions given by your superiors;
- always comply with safety signs;
- do not use machines or installations without the proper authorisation and do not attempt to perform any operation that you are not authorised or qualified to do;
- use all safety and protection devices and measures properly;
- notify your superiors of any defective or missing safety and protection devices, and of any hazardous situations that come to your attention;
- do not remove or modify any safety or protection devices unless specifically authorised to do so;
- notify your superiors immediately of any injury sustained by yourself or others, describing the situation as clearly and completely as possible;
- keep your work space clean and tidy, keep the floor clear of any materials or objects not directly required for your job and avoid spilling greasy or oily products (clean any spillage immediately with appropriate absorbent cleaning products).



Fig. 1.5

1.2.1.1.2 Work Garments

- Do not wear loose-fitting garments or garments with loose or hanging elements which may become tangled in moving parts. Only wear garments with tight-fitting cuffs;
- do not wear necklaces, rings, bracelets or other jewellery;
- do not clean garments with flammable or harmful substances or with compressed air;
- do not wear sandals, flip-flops, clogs or high-heeled footwear;
- use the required personal protective devices at all times (eyewear - face shield - gloves - shoes etc.).

1.2.1.1.3 Machines and Installations

- Before starting work, check that the protective devices and guards are fitted correctly in place and in proper working order, and that all safety devices are working correctly;
- check that any fume extraction and/or ventilation systems in place are working correctly;
- the protective guards and safety devices of machines and installations must never be removed except when strictly necessary for a specific task and only with prior authorisation from your superiors, who will inform you of the substitute safety measures to adopt;
- protective guards and safety devices must be refitted correctly and reactivated as soon as the reason for their temporary removal no longer exists;
- never clean, oil or grease the moving parts of machines and installations by hand;
- never work on or adjust moving parts.

1.2.1.1.4 Lifting and transporting

By hand

- keep your back straight when lifting loads;
- hold the load as safely as possible using the most accessible and comfortable grip points;
- do not carry loads with oil or grease on your hands;
- hand trolleys with no tow bar must always be pushed and not pulled;
- do not place loads near staircases, firefighting installations, first aid stations and transit areas.

When working with motorised machinery

- comply with load limits and drive at an appropriately safe speed in relation to the route taken and the load carried and to be sure that the machine can be stopped safely;
- ensure that loads are fastened safely with straps and securely attached;
- do not drive with a suspended load in places where a falling load may constitute a hazard - if this is unavoidable, ensure that all persons in the area are adequately warned of your manoeuvres or keep persons out of the area;

1.2.1.1.5 Driving in indoor spaces

Persons

- use permitted and designated walkways (pedestrian crossings, walkways etc.);
- do not run;
- do not walk or stand under suspended loads and keep out of areas which may be subject to the risk of falling loads;
- do not ride on transport or lifting machinery intended for handling materials only.

Vehicles

drive at moderate speed and take all precautions necessary for the route taken - observe all company regulations and signage.

1.2.1.1.6 Electricity

- Do not make makeshift connections. In particular, never make a connection by inserting the bare ends of wires into socket holes;
- always disconnect a plug from the socket by gripping the outer casing of the plug itself, never pull the cord;
- avoid twisted wires;
- take care not to damage the insulating sheath of wires and the insulated housings of electrical equipment, and check frequently that they are undamaged;
- report any damage to electrical devices and, in particular, to earth conductors;
- never open electrical cabinets or the casings of electrical equipment and do not attempt to perform maintenance on electrical cabinets and electrical equipment unless trained and authorised to do so;
- take all precautions to avoid contact with overhead power lines when manoeuvring or working in the vicinity.

1.2.1.1.7 Fire

In areas and in operations subject to the risk of fire due to the proximity or use of flammable substances:

- do not smoke;
- do not use equipment involving naked flames and do not handle incandescent materials;
- keep flammable materials away from sources of heat;
- do not place materials in front of extinguishers and fire hydrants.

1.2.1.1.8 Dangerous substances and products

When using dangerous chemical products (fire hazard, explosion hazard, irritant, caustic burn hazard, burn hazard or poisoning hazard), always observe the following precautions:

- keep recipients containing dangerous products open only for the time strictly necessary to use them;
- do not use or transfer dangerous products into containers not intended for use with them or without the necessary labelling indicating the contents and safety markings;
- when using chemical products, follow the instructions given on the respective labels.

1.2.1.1.9 Protection against exposure to harmful gas, fumes and dust:

- check that any fume extraction systems in place are working correctly;
- use personal protective devices;
- place mobile extractor ducts as close as possible to the source of emissions;
- avoid closing using doors which will obstruct the air flow carrying emissions generated by the extractor system.

1.2.1.1.10 Biological agents

- in case of fermentation (due to proliferation of algae), avoid direct contact and use appropriate protective measures to eliminate the problem;
- only enter areas subject to anaerobic fermentation producing harmful gases (e.g. ammonia) with appropriate protective breathing equipment.

1.2.1.1.11 Guidelines for choosing the correct fire extinguishing measures

Classe di fuoco	Agente estinguente				
	Acqua	Polvere	CO ²	Schiuma	Polveri speciali
 combustibili solidi ordinari			 Solo per incendi di piccole dimensioni		
 liquidi infiammabili					
 gas infiammabili					
 metalli combustibili					
 Apparecchiature elettriche					

Fig. I.6

1.2.1.2 Implements

Makeshift, unsuitable and faulty tools can cause problems and accidents. Never use the wrong tools, as these may put you at risk and compromise the work done.

Only use the special tools recommended by the manufacturer to disassemble, service and refit the components of the tractor.

Using the correct specific tools will make work less tiring and quicker, letting you save costs while being sure that the job has been done correctly.

Never use:

- A hammer with a loose head or a damaged handle.
- Pliers or pieces of metal instead of a hammer;
- Drill bits or screws instead of pin punches;
- Worn wrenches or wrenches repaired with welds;
- A steel hammer to tap bearings or heat-treated components (use a bronze or brass hammer).

Certain procedures on components of the tractor require the engine to be separated from the gearbox and the separation of the front and rear transmission casings. These operations are facilitated and made safer by using the specific separator trolley kit.

When lifting heavy parts, make sure that all chains, brackets, hooks, cables and ropes used for lifting are compliant with EC standards. Unless specified otherwise, an adjustable hoisting bracket must be used when lifting all heavy parts.

All chains and cables used must be parallel to each other and maintained as close as possible to vertical with respect to the object lifted.

1.2.1.3 First Aid

Mechanics are exposed to a number of risks in the workplace.

Treat injuries with disinfectant products and sterile materials, which must be kept in a specific first aid box equipped in accordance with applicable legislation.

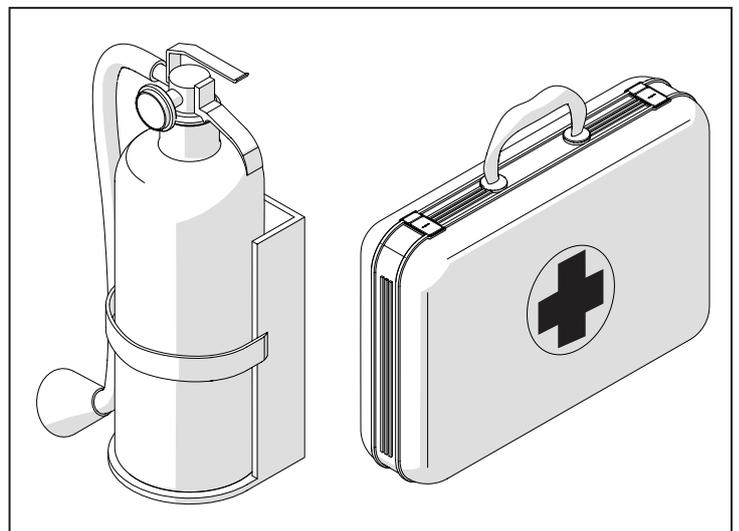


Fig. 1.7

1.2.1.4 Safety rules regarding the tractor

 Attention

Read the use and maintenance manually thoroughly before boarding the tractor, and follow the instructions given precisely.
--

1.2.1.4.1 Start

- Never run the engine in an enclosed space without adequate ventilation or extraction systems for evacuating the exhaust gas.
- Keep your head, body, limbs, feet, hands and fingers away from rotating fans and belts at all times.

1.2.1.4.2 Engine

- Unscrew the radiator cap very slowly before removing to release pressure from the system.
Only top up with coolant with the engine off or, if still hot, idling.
- To prevent the risk of fire caused by spilt fuel, never refuel the machine while the engine is running, especially if the engine is hot.
- Never attempt to check or adjust the tension of fan belts while the engine is running. Do not adjust the fuel injection pump settings while the engine is running.
- Do not lubricate the machine while the engine is running.

1.2.1.4.3 Electrical system

- If it is necessary to use an auxiliary battery, connect the cable terminals correctly: connect (+) to (+) and connect (-) to (-). Never short-circuit the terminals.

 Danger
--

The gas released by batteries is highly flammable.
--

When charging a battery, leave the battery compartment uncovered to ensure more effective ventilation. Never check battery charge by jumpering the terminals with a metal object. Avoid sparks and flame in the vicinity of batteries. Do not smoke - explosion hazard!

- Check for fuel leaks before starting any work, and rectify any leaks found before continuing.
- Never charge batteries in an enclosed space: ensure that the area is adequately ventilated to prevent the risk of explosion caused by the build-up of gas released by the batteries during charging.
- Always disconnect the battery before starting any work on the electrical system.
- If the electrolyte in the battery freezes, the battery may explode if you attempt to charge the battery or push-start the vehicle. Keep the battery fully charged at all times to prevent the electrolyte from freezing.
- Batteries release corrosive fumes and flammable gases. Sparks, naked flame and incorrectly connected cables may cause explosions.

I.2.1.4.4 Hydraulic system

- Pressurised hydraulic fluid escaping from a very small hole may be practically invisible and yet be projected with sufficient force to penetrate the skin. use a piece of cardboard or wood to search for leaks. **Never search for leaks with your hands.** in the event of skin contact with the fluid, seek immediate medical assistance. Failure to treat a fluid injection injury immediately may lead to severe infection or skin disease.
- Use specific instruments to check the pressure of the system.

I.2.1.4.5 Disassembly and reassembly

- Lift and handle all heavy parts with lifting equipment of sufficient capacity. Use appropriate straps and hooks to secure parts when lifting. Use the specific hoisting eye-bolts. Be aware of any persons in the vicinity of the load being lifted.
- Handle all parts with extreme caution. Never place your hands or fingers between two parts. Wear approved accident prevention garments and equipment such as safety eyewear, gloves and shoes.
- Do not allow chains or metal cables to twist. Always wear safety gloves when handling cables or chains.

1.2.2 Using the tractor safely

You need to be suitably qualified and authorised to operate an agricultural tractor safely. To be qualified to use this tractor, you must also have read and understood the complete contents of the use and maintenance manual and observe the instructions given precisely.

You must be aware of and understand all applicable work safety regulations. Note that in certain countries, persons under the age of 18 years are not permitted to operate a tractor.

It is your responsibility to learn these regulations and apply them in the workplace. These regulations include the following instructions for using the tractor safely.

 ATTENTION

The operator must not consume alcohol or take drugs which could impair concentration and/or coordination.

Observe the following precautions

- Never let minors or unqualified persons drive the tractor.
- Fasten the seat belt if the tractor is equipped with an ROPS safety roll bar.
- If possible, avoid using the tractor near excavation sites or large ditches.
- Reduce speed when steering and when driving across hilly, uneven, slippery or muddy terrain.
- Keep away from steep slopes as they are dangerous.
- Always watch where you are going, especially during headland turns and around trees.
- Never allow anyone to climb onto the tractor or implement.
- Use the tractor calmly, avoiding rushed or sudden manoeuvres: do not steer, start or stop suddenly.
- Only use the drawbar or other specific hitching points to tow. Never attach a towed load above the centreline of the rear axle.
- Engage the parking brake when the tractor is parked.
- Do not modify or remove any part of component of the original equipment of the tractor.
- Keep others out of your work area.
- Do not use hitching or towing devices that are not intended for your tractor.

I.2.2.1 ROPS

The tractor may be equipped with an ROPS safety roll bar and a seat belt. If the ROPS structure has been removed, the tractor must be equipped with a new ROPS and seat belt. The ROPS reduces the risk of injury in the event of a roll-over. A roll-over without the ROPS roll bar may cause serious damage and injury.

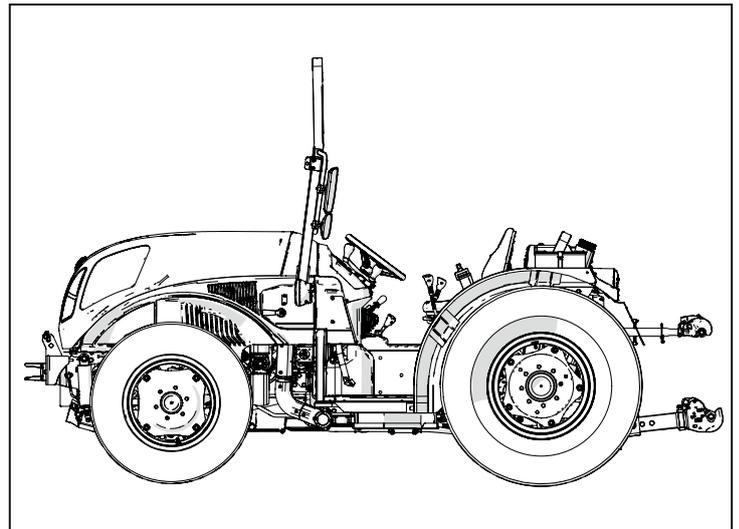


Fig. I.8

Usage

- Before using the tractor, make sure that the ROPS is not damaged and is fastened correctly to the tractor.
- Never attach chains, cables etc. to the ROPS or cab to tow a load, as this may cause the tractor to overturn: always use the drawbar to tow.
- Always fasten your seat belt. Do not use the seat belt if the tractor is not equipped with an ROPS safety roll bar.
- Check the seat belt for damage. Replace the seat belt if damaged.

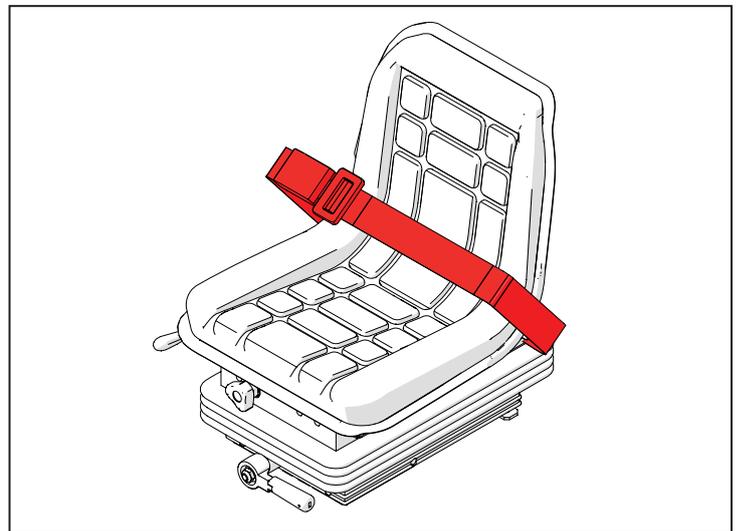


Fig. I.9

Damage to ROPS safety roll bar

If the tractor has rolled over or if the ROPS safety roll bar has been damaged (e.g. due to collision with a bridge), it must be replaced to ensure the same degree of safety originally offered by the tractor.

After an accident, check that the ROPS safety roll bar, the driver seat, the seat belt and the seat belt anchor points. Replace all damaged parts before using the tractor again.

Do not weld, drill, bend or straighten the ROPS safety roll bar or parts of the cab: these actions will compromise the original safety of the tractor.

Precautions for working safely

- Protect yourself against injury
- Wear appropriate protective garments and use the personal protective devices required for the task.

- Do not take risks.

Use the following personal protective equipment and garments (Fig. I.10):

- A safety helmet;
- Safety glasses or a protective face mask;
- Hearing defenders;
- A protective breathing mask or filter;
- Appropriate garments to protect against bad weather;
- Reflective garments;
- Heavy work gloves (in neoprene for handling chemical products, in leather for heavy duty work).
- Safety footwear.

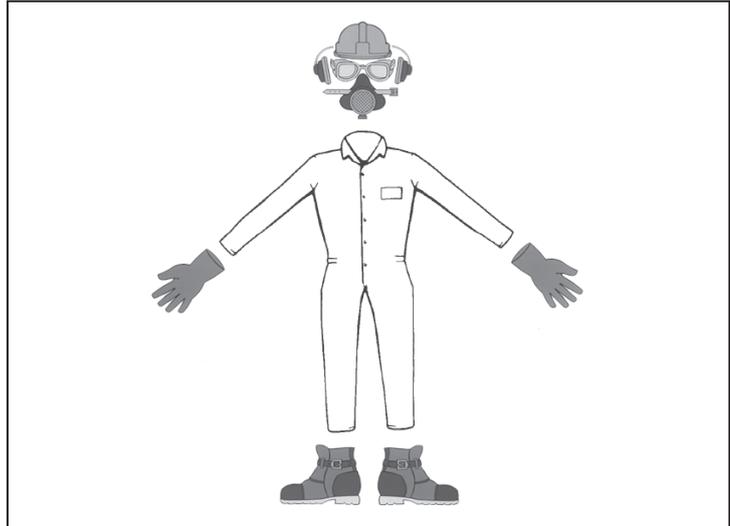


Fig. I.10

I.2.2.2 Cab safety

- The safety cab is specifically designed to be installed on this series of tractors and is compliant with all safety and noise requisites of applicable legislation.
- The safety cab is conformant with international safety standards. Never drill or modify the cab to install accessories or implements.
- Do not attempt to repair damaged parts of the cab by welding.
- Never attach chains or cables to the main chassis of the cab for towing loads.

I.3 General

Index

I.3.1 Spare parts	1-20
I.3.2 Specific tools.....	1-20
I.3.3 Oil seals for rotating shafts.....	1-20
I.3.4 Adjuster shims	1-20
I.3.5 O-ring seals.....	1-21
I.3.6 Sealants used	1-21
I.3.7 Spring pins	1-21

1.3.1 Spare parts

If it is necessary to replace a part, ask for and make sure that you use original spare parts only

Using non-original spare parts will void the warranty.

Always provide the following information when ordering spare parts:

- Tractor model and commercial name;
- Chassis number;
- Order code of required part (this can be found in the Spare Parts Catalogue).

1.3.2 Specific tools

The tools and equipment specified and illustrated in this manual have been developed specifically by the manufacturer to make working on the tractor quicker, simpler and more effective.

These tools and equipment will ensure the best results possible with minimum operator strain, and let you avoid any operations which could compromise the successful outcome of the job.

Note

The wear limits indicated are recommended only and not mandatory. The indications “front”, “rear”, “right” and “left” are with respect to the operator facing towards the front of the vehicle and seated in the drive seat.

1.3.3 Oil seals for rotating shafts

Observe the following precautions and instructions to ensure that oil seals are installed correctly:

- Clean the shaft thoroughly and check that the contact surfaces of the shaft itself are undamaged.
- Fit with the seal lip facing towards the fluid; when fitting hydrodynamic lip seals, the grooves must be oriented correctly in relation to the direction of rotation of the shaft so that they will carry fluid towards the interior of the seal.
- Spread a film of lubricant (preferably use oil and not grease) on the seal lip and, with double lip seals, fill the gap between the oil seal lip and the dust seal lip with grease;
- Install the oil seal in its seat with a flat tipped punch; never hit the seal directly with a hammer.
- While installing the seal, make sure that the oil seal remains perpendicular relative to its seat. Once the seal is installed, where applicable, check that it fits completely against the relative shoulder.
- To prevent the shaft from damaging the seal lip, place suitable protection between the two parts during assembly.

1.3.4 Adjuster shims

Each time an adjustment with shims is necessary, measure each adjuster shim with a micrometer and assemble a pack of the required thickness on the basis of the values measured.

Note

Do not rely on the measurement of the assembled pack and do not base your calculations on the measurements indicated on each shim, as they may be incorrect.

1.3.5 O-ring seals

Lubricate O-rings before fitting in their respective seats to prevent them from twisting and seating incorrectly, compromising the integrity of the seal itself.

1.3.6 Sealants used

A number of different sealants must be used during assembly, with specific characteristics to suit different applications.

Sealants

LOCTITE 518 mastic sealant must be used where a hermetic seal is required between two or more components.

Usage:

- Remove any encrusted residue from both mating surfaces with a wire brush.
- Degrease the surfaces thoroughly with one of the following cleaners: trichloroethylene, petroleum spirit, acetone or a solution of hot water and caustic soda.
- Spread the product evenly onto just one of the contact surfaces and assemble.

Thread lock compound

LOCTITE 243 and LOCTITE 270 thread lock compounds are used when it is necessary to impede a screw or nut from loosening.

Usage:

- Clean as described previously.
- Spread one or two drops of the product onto the thread of the screw or in the threaded hole.
- Fit the screw or nut and tighten.

1.3.7 Spring pins

When fitting split spring pins, ensure that the split in the pin itself is facing in the same direction as the force exerted on the pin.

Coiled spring pins can be fitted in any orientation.

I.4 Technical characteristics

Index

I.4.1 Engine	I-24
I.4.2 Transmission	I-25
I.4.3 Brakes	I-25
I.4.4 Steering wheel	I-25
I.4.5 Rear power take off	I-26
I.4.6 Front Power Take Off	I-26
I.4.7 Rear lift	I-26
I.4.8 Front lift	I-26
I.4.9 Hydraulic System	I-27
I.4.10 Electrical system	I-27
I.4.11 Driver zone	I-27
I.4.12 Cab	I-28
I.4.13 Towing devices	I-28
I.4.14 Towable masses	I-29
I.4.15 Ballast weights	I-29
I.4.16 Weights and dimensions	I-30
I.4.16.1 Maximum axle loads	I-32
I.4.17 Lubricants	I-33
I.4.18 Speed	I-34
I.4.19 Conversion tables	I-37

INTRODUCTION

I.4.1 Engine

Tractor		T4.90 FB	T4.100 FB	T4.110 FB
Manufacturer		VM	VM	VM
Model		R754 IE417	R754 IE417	R754 IE417
Emissions compliance		Stage 3B	Stage 3B	Stage 3B
Cylinders/Capacity	No./cm ³	4/2970	4/2970	4/2970
Bore	mm	94	94	94
Stroke	mm	107	107	107
Intake		Turbocharged, intercooled line - Air filter (dry)		
Injection system		Common Rail direct injection with high pressure pump		
Valves		8	8	8
Rated power (ECE R120)	kW (HP)	59 (80.2)	67 (91.1)	76 (102)
Idle speed	rpm	800	800	800
Rated speed	rpm	2300	2300	2300
Maximum torque	N·m	340	380	380
Engine speed at maximum torque	rpm	1100	1100	1100
Torque rise		37%	34%	21%
Cooling		Liquid	Liquid	Liquid
Fuel system		Direct injection diesel	Direct injection diesel	Direct injection diesel
Specific fuel consumption (at max. torque engine speed)	g/kWh	217	212	212
Maximum continuous longitudinal inclination angle	Degrees	30° (with flywheel on uphill side) 35° (with flywheel on downhill side)		
Maximum continuous transverse inclination angle	Degrees	30°	30°	30°
Oil change quantities, inclusive of filter (standard sump)	l (kg)	9.8 (8.7)	9.8 (8.7)	9.8 (8.7)
Tank capacity	l	70	70	70
Dry weight	kg	260	260	260
Engine hood		SMC	SMC	SMC

I.4.2 Transmission

Transmission type		Mechanical transmission, four wheel drive
Gearbox type		24+12 synchronised
Shift control system		Mechanical with lateral levers
Clutch		Single plate dry clutch, 11" diameter
Clutch control		Mechanical with pedal
Reverse shuttle type		Mechanical, synchronised
Reverse shuttle control		Lever
Rear differential lock		Electrohydraulic
Front axle		4WD, selectable without disengaging drive
4WD engagement control		Electrohydraulic
Front wheel drive clutch		Multiplate wet clutch
Front differential lock		NO-SPIN (Automatic)
Front axle swing angle	Degrees	12°
Minimum speed	km/h	0.4
Maximum speed (homologated)	km/h	40

I.4.3 Brakes

Rear brake type		Hydraulically operated multi-disc wet brakes
Front brake type		IST (simultaneous 4WD engagement under braking)
Emergency and parking brake		Independently and mechanically controlled. Braking action on rear wheels.
Hydraulic trailer braking		Hydraulically operated by pressure pulse in main circuit
Trailer brake mechanical lever mount		Type CUNA

I.4.4 Steering wheel

Steering type		Hydrostatic with load sensing valve
Steering angle		57°

1.4.5 Rear power take off

Type		Single shaft, independent and synchronised
PTO speed independent of ground speed	rpm	540-750
Ground speed synchronised		Yes
Direction of rotation (looking at PTO)		Clockwise
Profile		1-3/8" with 6 splines
Clutch		Independent, mechanical dry clutch
Clutch control		Mechanical with lever
Safety		PUSH & START device on PTO selector

1.4.6 Front Power Take Off

Type		Single shaft, independent
PTO speed independent of ground speed	rpm	1000
Direction of rotation (looking at PTO)		Anticlockwise
Profile		1-3/8" with 6 splines
Clutch		Electrohydraulic
Clutch control		Electric

1.4.7 Rear lift

Type		Hydraulic with position and draft control
Lift capacity at lower link ends	kg	2500
3-point linkage category		Category 1 and 2
Mechanical top link arm		Category 1 and 2
Hydraulic top link arm		Category 1 and 2 / 1 and 2 with quick hitch
Lower link arm type		Telescopic with quick hitches
Right hand tie-rod type		Hydraulic

1.4.8 Front lift

Type		up / down
Lift capacity at lower link ends	kg	1200
3-point linkage category		Category 1 and 1N

1.4.9 Hydraulic System

Type		Open-centre
Pump delivery	l/min	38 + 6 l with dual pumps
Rear hydraulic distributors		3 in single block
Front hydraulic distributors		Maximum 3 modular plus 1
Free oil return coupling		1/2 NPTF quick coupler

1.4.10 Electrical system

Battery		12V 850A 95Ah
Safety		Battery master switch
Instrument		Digital / analogue
1-pole socket	Volts	12
7 pole socket	Volts	12
Rear work light		Adjustable
Rotating beacon		Orange

1.4.11 Driver zone

Platform		Full size, suspended
Platform carrier		Silicone variable deformation silent-blocks
Front mudguards		Integrated in bodywork
Rear mudguard protection		Rubber profile
Front mudguard protection		Rubber profile
ROPS		Central, fully foldable
Standard cab		NEW HOLLAND Overview
Low profile cab		NEW HOLLAND LowProfile
Left and right hand rear view mirrors		Adjustable
Seat		With elastic suspension, seat belts and OPS
Seat adjustment		Fore/aft, up/down and driver weight
Toolbox		Yes
Use and maintenance manual		Yes