
TT45A, TT50A REPAIR MANUAL COMPLETE CONTENTS

SECTION 00 - GENERAL	2
SECTION 10 - ENGINE	3
SECTION 18 - CLUTCHES	10
SECTION 21 - TRANSMISSION SYSTEM	11
SECTION 27 - MECHANICAL REAR WHEEL DRIVE	13
SECTION 31 - POWER TAKE-OFF	15
SECTION 33 - BRAKING SYSTEM	16
SECTION 35 - HYDRAULIC SYSTEM	16
SECTION 41 - STEERING SYSTEMS	19
SECTION 44 - FRONT AXLE	20
SECTION 55 - ELECTRICAL SYSTEM	21
SECTION 90 - BODYWORK	27

The following pages are the collation of the contents pages from each section and chapter of the TT45A, TT50A Repair manual. Complete Repair part # 87655297.

The sections used through out all New Holland product Repair manuals may not be used for each product. Each Repair manual will be made up of one or several books. Each book will be labeled as to which sections are in the overall Repair manual and which sections are in each book.

The sections listed above are the sections utilized for the TT45A, TT50A Tractors.

SECTION 00 - GENERAL

Chapter 1 - General

CONTENTS

Section	Description	Page
	Federal Emissions Warranty	2
	California Emission Control Warranty Statement	3
	General Instructions	5
	Important Notice	5
	Shimming	5
	Rotating Shaft Seals	5
	O-Rings	6
	Sealers	6
	Bearings	6
	Spring Pins	6
	Precautionary Notice	7
	Equipment Notice	7
	Spare Parts Notice	7
	General Notices	7
	Health and Safety Precautions	8
	General Workshop Tools and Equipment	13
	Legal Aspects	13
	Lubricants and Greases	13
	Precautionary Statements	17
	Safety	18
	The Tractor	18
	Driving the Tractor	19
	Operating the Tractor	20
	Operating the PTO	21
	Servicing the Tractor	21
	Diesel Fuel	22
	Universal Symbols	23
	Safety Decals	24
	Instructional Decals	28
	Ecology and the Environment	29
	Minimum Hardware Tightening Torques	30
	General Specifications	32
	Lubricants and Coolants	37

GENERAL INSTRUCTIONS

—————  **WARNING**  —————

All maintenance and repair work described in this manual must be performed exclusively by NEW HOLLAND service technicians in strict accordance with the instructions given and using any specific tools necessary.

—————  **WARNING**  —————

Anyone who performs the operations described herein without strictly following the instructions is personally responsible for resulting injury or damage to property.

—————  **WARNING**  —————

The Manufacturer and all organizations belonging to the Manufacturer's distribution network, including but not restricted to national, regional or local distributors, will accept no responsibility for personal injury or damage to property caused by abnormal function of parts and/or components not approved by the Manufacturer, including those used for maintenance and/or repair of the product manufactured or marketed by the Manufacturer. In any case, the product manufactured or marketed by the Manufacturer is covered by no guarantee of any kind against personal injury or damage to property caused by abnormal function of parts and/or components not approved by the Manufacturer.

IMPORTANT NOTICE

All maintenance and repair operations described in this manual should be carried out exclusively by the authorized workshops. All instructions detailed should be carefully observed and special equipment indicated should be used if necessary.

Everyone who carries out service operations described without carefully observing these prescriptions will be directly responsible of deriving damages.

SHIMMING

At each adjustment, select adjusting shims, measure them individually using a micrometer and then sum up recorded values. Do not rely on measuring the whole shimming set, which may be incorrect, or on the rated value indicated for each shim.

ROTATING SHAFT SEALS

To correctly install rotating shaft seals, observe the following instructions:

- Let the seal soak into the same oil as it will seal for at least half an hour before mounting;
- Thoroughly clean the shaft and ensure that the shaft working surface is not damaged;
- Place the sealing lip towards the fluid. In case of a hydrodynamic lip, consider the shaft rotation direction and orient grooves in order that they deviate the fluid towards the inner side of the seal;
- Coat the sealing lip with a thin layer of lubricant (oil rather than grease) and fill the gap between the sealing lip and the dust lip of double lip seals with grease;
- Insert the seal into its seat and press it down using a flat punch. Do not tap the seal with a hammer or a drift;
- Take care to insert the seal perpendicularly to its seat while you are pressing it. Once the seal is settled, ensure that it contacts the thrust element, if required;
- To prevent damaging the sealing lip against the shaft, place a suitable protection during installation.

O RINGS

Lubricate the O rings before inserting them into their seats. This will prevent the O rings from roll over and twisting during mounting, which will jeopardize sealing.

SEALERS

Apply silicone/gasket eliminator over the mating surfaces marked with an X.

Before applying the sealer, prepare the surface as follows:

- Remove possible scales using a metal brush;
- Thoroughly degrease the surfaces using one of the following cleaning agents: trichlorethylene, diesel fuel or a water and soda solution.

BEARINGS

It is advisable to heat the bearings to 80° to 90°C (176° to 194°F) before mounting them on their shafts and cool them down before inserting them into their seats with external tapping.

SPRING PINS

When mounting split socket spring pins, ensure that the pin notch is oriented in the direction of the effort to stress the pin.

Spiral spring pins should not be oriented during installation.

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



After you pay.

You can download the most
perfect and complete manual in
the world immediately.

Our support email:

ebooklibonline@outlook.com