

John Deere New Holland Workmaster 33, 37 Tier 4B (final) Tractor Complete Service Manual (North America)

SERVICE MANUAL

Workmaster™ 33
Workmaster™ 37
Tier 4B (final)
Compact Tractor



Part number 47881877
1st edition English
January 2016



Covers: 33,(33,4B,37,(37,4B

Type: Service Manual

Language: English

Pages: 1253

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Compatibility: Windows/Mac/Tablet/Mobile

This service manual contains important information for the maintenance, troubleshooting and servicing of the **John Deere New Holland Workmaster 33, 37 Tier 4B (final) Tractor Complete Service Manual (North America)**

In this manual you will find detailed specifications, illustrations, schematics, diagrams and step-by-step procedures to properly service and diagnose the machine to the manufacturer's standards.

Contents:

- General Information
- Specifications
- Serial Number Location
- Engine Specifications
- Engine Diagnostics
- Engine Tests and Adjustments
- Engine Repair
- Power Train
- Transmission
- Axles
- Differential
- PTO
- Hydraulic System
- Electrical System
- Electrical Tests and Diagnostics
- Wiring Diagram / Schematic
- Ignition and Charging
- Steering
- Brakes
- Wheels
- Operator's Platform
- Body Panels
- Disassembly and Assembly
- Diagnostics, Tests and Adjustments
- Troubleshooting
- and much more...

Please note this manual is in **downloadable PDF format only**. If you have any questions about this product or would like to request sample pages, please contact us and reference the product name or SKU.

Hydraulic control components - Install Steering valve

Workmaster™ 33

NA

Workmaster™ 37

NA

⚠ WARNING

Avoid injury!

Handle all parts carefully. Do not place your hands or fingers between parts. Use Personal Protective Equipment (PPE) as indicated in this manual, including protective goggles, gloves, and safety footwear.

Failure to comply could result in death or serious injury.

W0208A

⚠ WARNING

Pressurized hydraulic fluid can penetrate the skin and cause severe injuries.

Tighten all of the connections before starting the engine. If hydraulic fluid has penetrated the skin, seek medical assistance immediately.

Failure to comply could result in death or serious injury.

W0117A

⚠ WARNING

Pressurized fluid can penetrate the skin and cause severe injuries.

Keep hands and body away from any pressurized leak. DO NOT use your hand to check for leaks. Use a piece of cardboard or paper. If fluid penetrates the skin, seek medical attention immediately.

Failure to comply could result in death or serious injury.

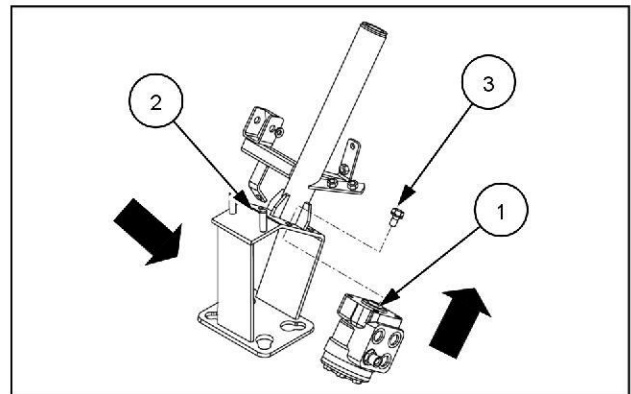
W0158A

Prior operation:

Hydraulic control components - Assemble Steering valve (41.200)

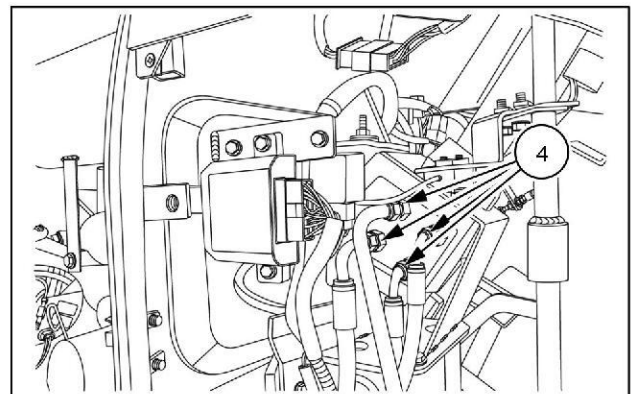
NOTICE: Place absorbent material underneath the steering valve to catch any oil .

1. Install the steering valve (1) from the right side of the tractor.
2. Engage the splines of the steering valve with the steering column shaft. Secure the steering valve to the steering column frame (2) with four M10 x 20mm bolts (3) torque the bolts to **49 - 54 N·m (36 - 40 lb ft)**



NHIL13CT00411AA 1

3. Connect the four hydraulic lines fittings (4) to the steering valve.



NHIL13CT00250AA 2

Transmission shaft - Remove - PTO shaft

Workmaster™ 33

NA

Workmaster™ 37

NA

⚠ WARNING

Heavy object!

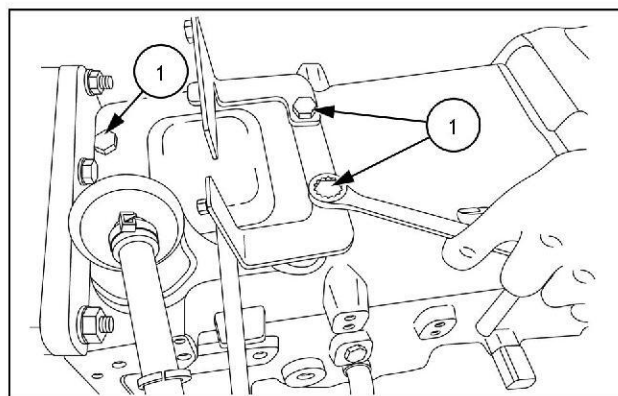
ALWAYS use a hoist or get assistance to lift the component.

Failure to comply could result in death or serious injury.

W0086A

PTO shaft removal

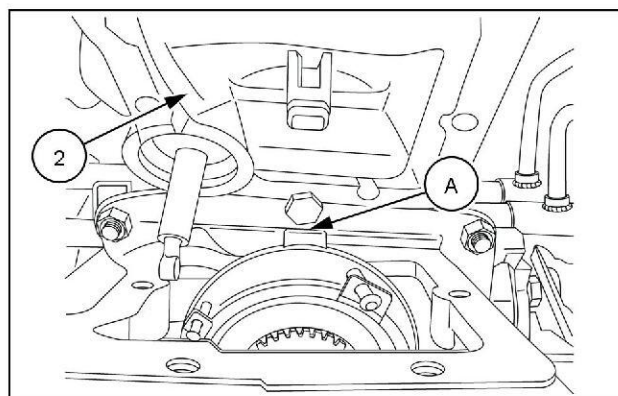
1. Remove the five M10 x 25mm bolts **(1)**. (Three are shown.)



NHIL13CTD0105AA 1

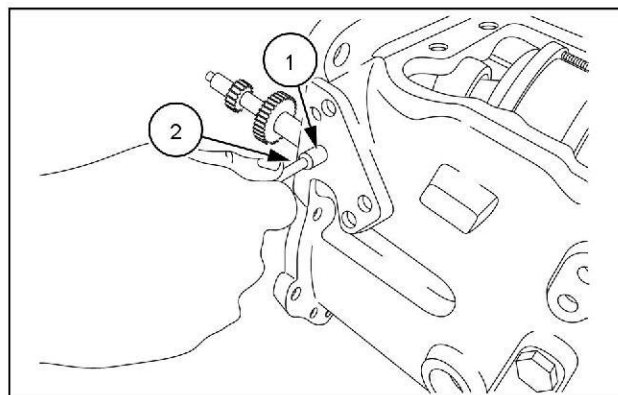
2. Remove the cover **(2)**.

NOTICE: During assembly, the tab **(A)** must be positioned straight up to engage the cut out in the cover **(2)**.



NHIL13CTD0106AA 2

3. Remove the PTO valve. (Not shown)
4. Remove the pipe **(1)**, using a **6 mm (0.24 in)** bolt **(2)**.



NHIL13CTD0107AA 3



Thank you very much
for your reading.
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to get more information.