

John Deere 304H 4WD Loader Service Repair Technical Manual (tm1864)

304H Loader Repair

REPAIR TECHNICAL MANUAL

4WD Loader 304H

TM1864 22FEB05 (ENGLISH)

For complete service information also see:

304H Loader Diagnostic	TM1863
Alternators and Starting Motors	CTM77
John Deere Series 220 Diesel Engines	CTM3
POWERTEC 0.9, 1.1, 1.2, 1.3, 1.5, 1.6 & 2.0 L and Yanmar 4TNE98 Diesel Engines	CTM119



John Deere Construction and Forestry

Type: Service Manual

Language: English

Pages: 609

Format: PDF

Features: Bookmarked, searchable, printable

Compatibility: Windows/Mac/Tablet/Mobile

This service manual contains important information for the maintenance, troubleshooting and servicing of the **John Deere 304H 4WD Loader Service Repair Technical Manual (tm1864)**

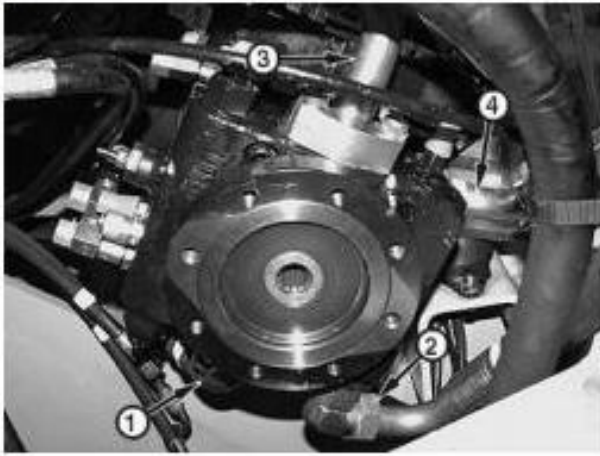
In this manual you will find detailed specifications, illustrations, schematics, diagrams and step-by-step procedures to properly service and diagnose the machine to the manufacturer's standards.

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.

[7] -

**LEGEND:**

- 1 Hydrostatic Pump-to-Hydrostatic Motor Line (Port A)
- 2 Hydrostatic Pump-to-Reservoir Line
- 3 Hydrostatic Pump-to-Hydrostatic Motor Line (Port B)
- 4 Hydrostatic Pump-to-Filter Line

Hydrostatic Pump Line Connections

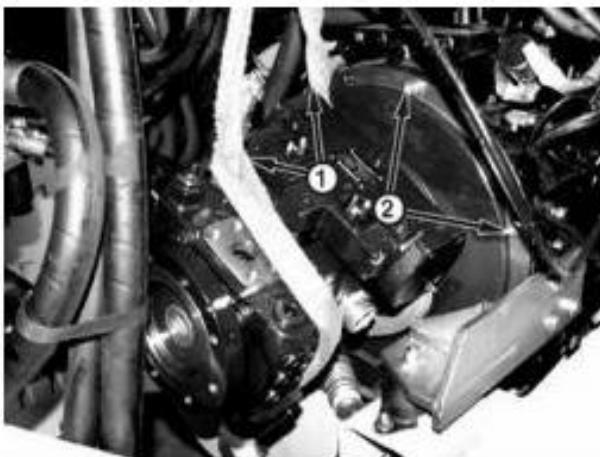
Disconnect hydraulic lines (1-4) from hydrostatic pump.

[8] -

**CAUTION:**

The approximate weight of hydrostatic pump assembly is 75 kg (165 lbs).

Item	Measurement	Specification
Hydrostatic Pump Assembly	Weight	75 kg (165 lbs) Approximate

**LEGEND:**

- 1 Lifting Sling
- 2 Socket Head Screws and Lock Washers (12 used)

Hydrostatic Pump Removal

Install lifting sling (1) around hydrostatic pump. Support weight of hydrostatic pump with hoist.

[9] - Remove socket head screws and lock washers (2).

[10] - Carefully remove hydrostatic pump.

[11] -

Remove and Install Speed Control Linkage

Remove and Install Speed Control Cable

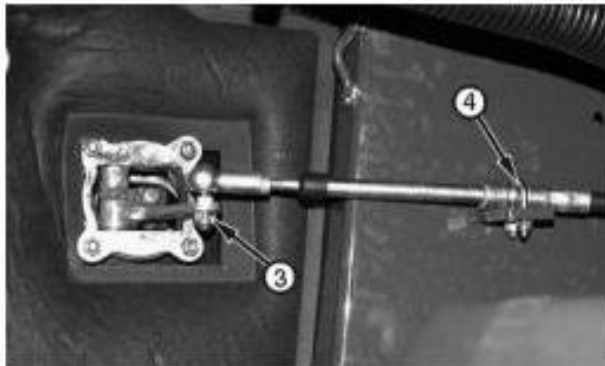
[1] -



LEGEND:

- | | |
|---|----------|
| 1 | Jam Nut |
| 2 | Lock Nut |
| 3 | Lock Nut |
| 4 | U-Bolt |

Throttle Cable-To-Injection Pump Connection



Throttle Cable-To-Accelerator Pedal Connection

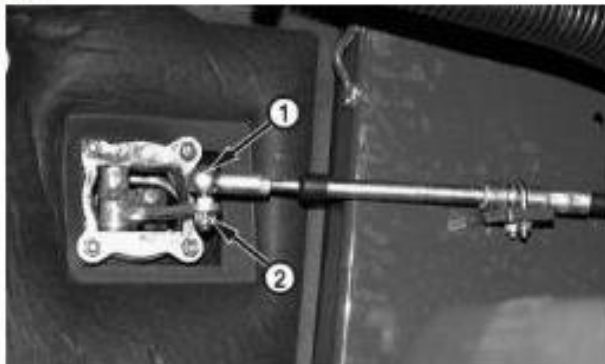
Loosen jam nut (1) and remove lock nut (2).

[2] - Remove lock nut (3), U-bolt (4), and cable.

[3] - Install and adjust speed control cable. (See [Speed Control Linkage Adjustment](#) in this group.)

Remove and Install Accelerator Pedal

[1] -



LEGEND:

- | | |
|---|----------------------------|
| 1 | Ball Joint |
| 2 | Lock Nut |
| 3 | Socket Head Screw (4 used) |

Throttle Cable-To-Accelerator Pedal Connection



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