

John Deere 1050K (SN. D268234-) Crawler Dozer Operation & Test Technical Manual (TM14256X19)

**1050K Crawler Dozer
Operation and Test**
(PIN: 1T01050K__D268234—)



JOHN HARE



COLLECTION

OPERATION & TEST TECHNICAL MANUAL
1050K Crawler Dozer (PIN: 1T01050K__D268234—)

TM14256X19 01DEC18 (ENGLISH)

For complete service information also see:

6135 Diesel Engine — Level 32 ECU	ctm119919
1050K Crawler Dozer Repair	TM14257X19
JDLink™ 2G / 3G MTG Technical Manual	tm114519



Worldwide Construction and
Forestry Division

Covers: 1050K,1T01050K__,_D268234 (7 icons)

Type: Service Manual

Language: English

Pages: 864

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 1050K (SN. D268234-) Crawler Dozer Operation & Test Technical Manual (TM14256X19)**

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...

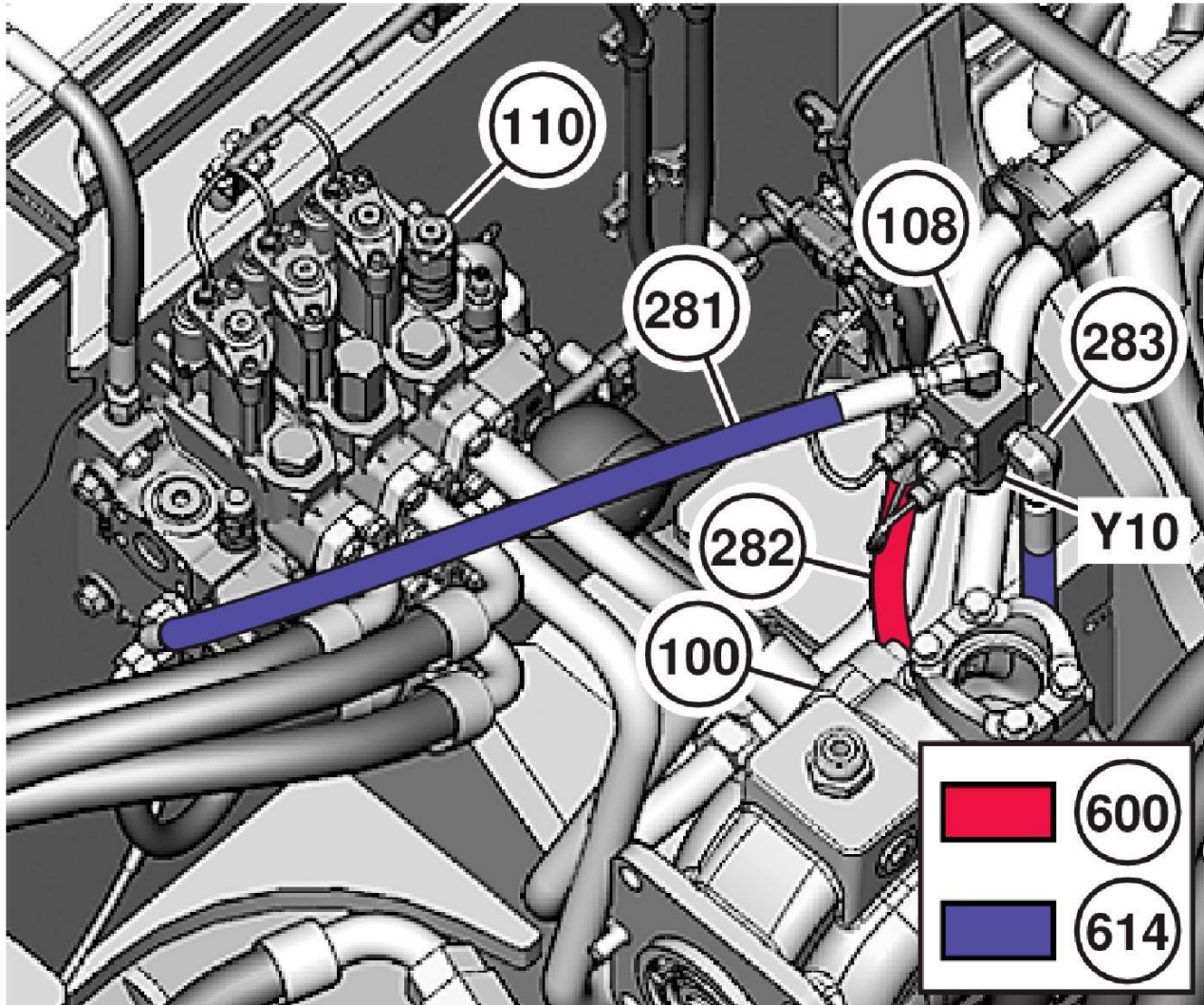
Please note this manual is in **downloadable PDF format only**. If you have any questions about this product or would like to request sample pages, please contact us and reference the product name or SKU.

Reading Pressure With Test Equipment



CAUTION:

To avoid injury from escaping fluid under pressure, stop engine and relieve the pressure in the system before disconnecting or connecting hydraulic or other lines. Tighten all connections before applying pressure.



TX1156179-UN: Engine Overspeed Protection Valve

LEGEND:

- | | | |
|--|---|------------------------------------|
| 100-Main Hydraulic Pump | 282-Engine Overspeed Protection Valve (port PP)-to-Main Hydraulic Pump Line | 600-High-Pressure Oil |
| 108-Engine Overspeed Protection Valve | 283-Engine Overspeed Protection Valve (port LSP)-to-Main Hydraulic Pump Control Valve Line | 614-Load Sense Pressure Oil |
| 110-Main Control Valve | | Y10-Overspeed Solenoid |

If necessary, pressure readings can be obtained by installing tee fitting and test equipment to engine overspeed protection valve (port PP)-to-main hydraulic pump line (282) and engine overspeed protection valve (port LSP)-to-main hydraulic pump control valve line (283).

For more information:

See [Operator's Station Tilting Procedure - document OMT389886X19 - \(Operator's Manual.\)](#)

See [Engine Overspeed Protection Valve Operation](#). (Group 9025-05.)

See [JT02156A Digital Pressure and Temperature Analyzer Kit Installation](#). (Group 9025-25.)

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