

John Deere 370E, 410E, 460E Articulated Dump Truck (SN: from C668587; D668587) Diagnostic (TM13380X19)

644K 4WD Loader (SN.
E634315-658064) with
Engine 6090HDW13 (iT4)
Repair



REPAIR TECHNICAL MANUAL

**4WD Loaders with Engines 6090HDW13 models 644K (PIN:
1DW644KZ**E634315-658064)**

TM12107 22 FEB 16 (ENGLISH)

For complete service information also see:

644K 4WD Loader Engine 6090HDW13 (IT4) Diagnostic

JDLink (MTG) Technical Manual

JDPS Master Tool Manual

TM1V1200 - 1400 S

120 Series Hydraul

185 Series Hydraulic Cylinders

120 Series Hydraulic Cylinder

125 Series Hydraulic Cylinders

6090 PowerTech Diesel Engine (Inter... Level 21 ECU

JDLink/ZXLink Machine Monitoring System

TM12105

TM114519

TM111119

CTM442

CTM104819

CTM10006



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John Deere Construction and Forestry
Printed by Belgreen



TM12107

Covers: 370E,(PIN:1DW370E***C668588-,1DW370E***D668588-),410E,(

Type: Service Manual

Language: English

Pages: 1281

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 370E, 410E, 460E Articulated Dump Truck (SN: from C668587; D668587) Diagnostic (TM13380X19)**

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.

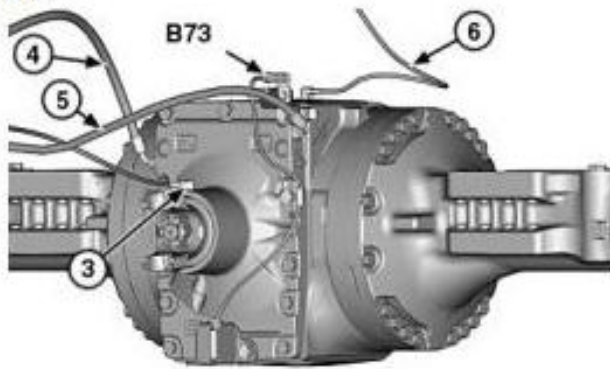
Contents:

- 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.

Disconnect drive shaft from front axle. Discard universal joint cap screws. [See Universal Joint and Drive Shaft Remove and Install](#). (Group 0225.)

[8] -



LEGEND:

- 3 Grease Line
- 4 Differential Lock Line
- 5 Service Brake Line
- 6 Breather Line
- B73 Front Axle Oil Temperature Sensor (if equipped)

Front Axle

Tag and disconnect lines (3—6). Close all openings using caps and plugs.

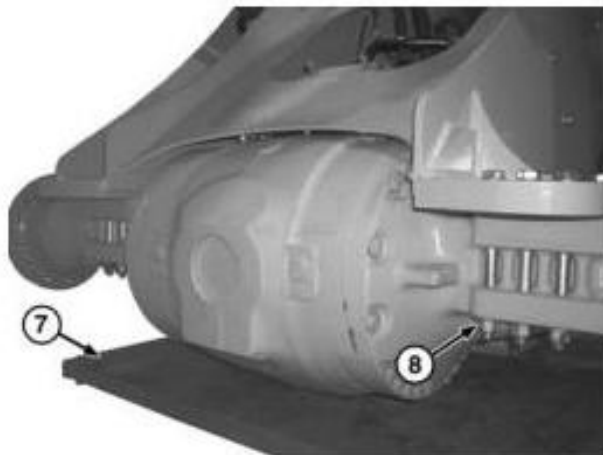
[9] - Disconnect front axle oil temperature sensor (B73) (if equipped) from loader frame harness.

[10] -



CAUTION:

Prevent possible crushing injury from heavy component. Use appropriate lifting device.



LEGEND:

- 7 JT01642A Low-Lift Transmission Jack
- 8 Axle Mounting Nut (12 used)

JT01642A Low-Lift Transmission Jack

Install JT01642A Low-Lift Transmission Jack (7) under front axle and differential.

Item	Measurement	Specification
Front Axle and Differential	Weight (approximate)	953 kg 2100 lb.

Low-Lift Transmission Jack

JT01642A

For removal and installation of axle and differential

[11] - Remove axle mounting nuts (8), washers, and cap screws.

[12] - Lower axle and differential assembly.

[13] - Clean and inspect parts. Repair or replace axle or differential as necessary. [See TeamMate™ IV 1200 - 1400 Series Inboard Planetary Axles](#). (CTM442.)

[14] - Clean mating surfaces on axle housing and loader frame.



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for your reading.
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to get more information.