

# John Deere 944K Hybrid 4WD Loader (SN. from E669456) Service Repair Technical Manual (TM13095X19)

944K Hybrid 4WD Loader  
(SN. from E669456) Repair



## REPAIR TECHNICAL MANUAL

4WD Loaders models 944K (PIN: 1DW944KX\*\*E669456—)

TM13095X19 10 MAR 16 (ENGLISH)

**For complete service information also see:**

944K Hybrid 4WD Loader (SN. from E669456) Diagnostic	TM13094X19
JDLink (MTG) Technical Manual	TM114519
Pump Drive Service Manual	CTM57
GPD2224 59000 Series Pump Drive	CTM138419
WD098 Planetary	CTM125319
120 Series Hydraulic	
6135 PowerTech Diesel Engine	
Kawasaki K3VL Swash-plate	
Lincoln Series A FlowMaster II	
Lincoln FlowMaster II Rotary Drive	CTM10086
Lincoln Series B SL-V Injectors	CTM10085



John Deere Construction and Forestry  
Printed by Belgreen



Covers: 944K,1DW944KX\*\*E669456 (16 diamond icons)

**Type:** Service Manual

**Language:** English

**Pages:** 524

**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 944K Hybrid 4WD Loader (SN. from E669456) Service Repair Technical Manual (TM13095X19)**

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.

## Avoid Pressure Washing Electric Drive Components



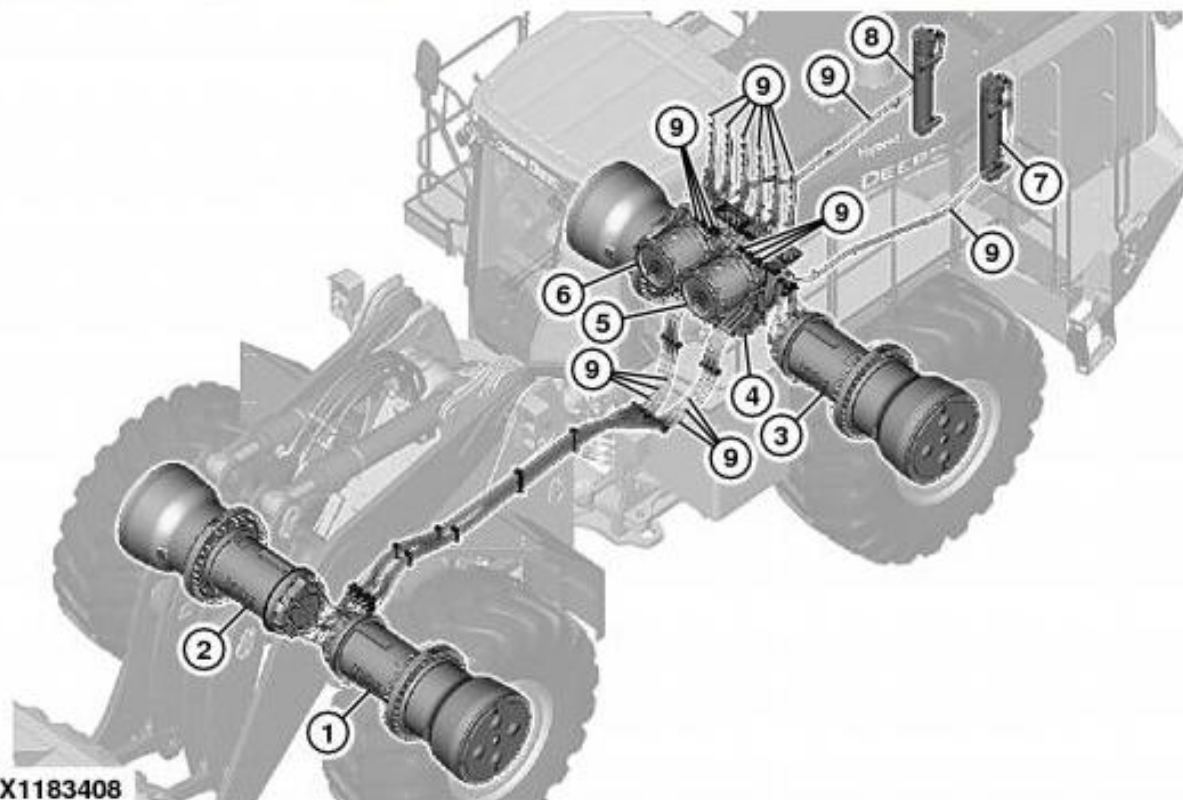
### CAUTION:

Prevent fires and possible injury or death from electric shock. Avoid pressure washing electric drive components directly.

Engine must be OFF and engine lockout switch in OFF position prior to pressure washing machine.

Park machine and turn engine lockout switch to the OFF position. See Engine Lockout Switch. (Section 2-2.)

While pressure washing machine, avoid directing spray nozzle at orange electric drive power cables (9) and components.



TX1183408

### Electric Drive Component Locations

#### LEGEND:

- 1 Left Front Electric Motor
- 2 Right Front Electric Motor
- 3 Left Rear Electric Motor
- 4 Right Rear Electric Motor
- 5 Electric Drive Generator 1
- 6 Electric Drive Generator 2
- 7 Brake Resistor 2
- 8 Brake Resistor 1
- 9 Orange Electric Drive Power Cable (34 used)

## Service Cooling System Safely

## Primary Fuel Filter and Water Separator With Low-Pressure Fuel Pump Remove and Install

### Specifications

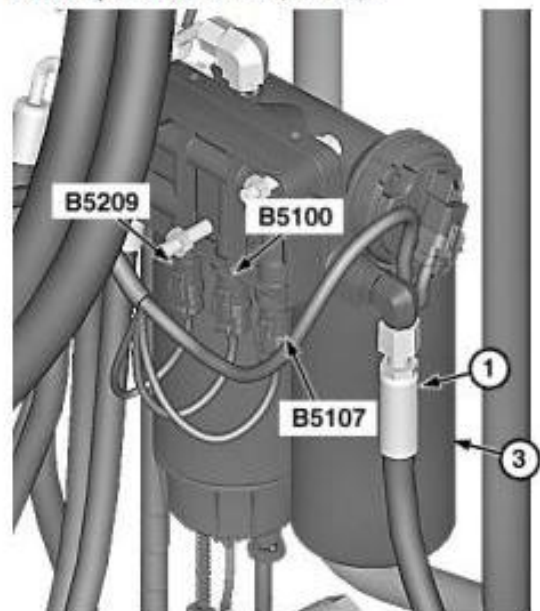
SPECIFICATIONS	
Cap Screw (2) Torque	73 N·m 54 lb·ft

### REMOVAL

[1] - Park and prepare machine for service. [See Park and Prepare for Service Safely](#). (Group 0001.)

[2] - Turn battery disconnect switch to OFF position. [See Battery Disconnect Switch](#). (Operator's Manual.)

[3] - Install identification tags and disconnect fuel rail pressure sensor (B5100), low-pressure fuel pressure sensor (B5107), and fuel temperature sensor (B5209).

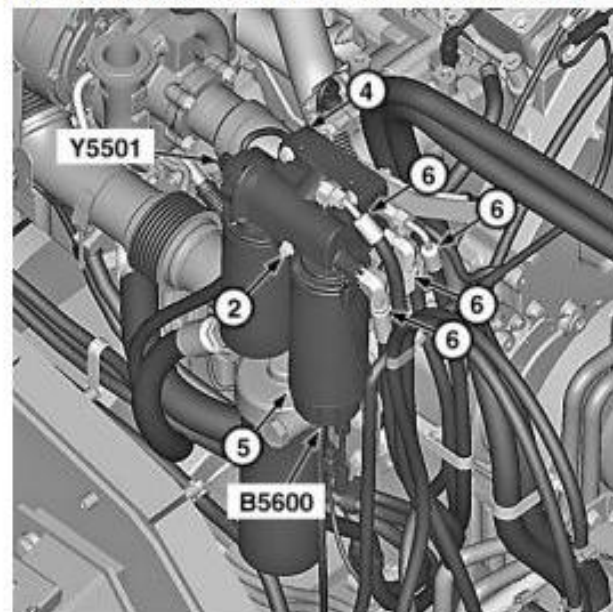


#### LEGEND:

1	Low-Pressure Fuel Line
3	Secondary Fuel Filter
B5100	Fuel Rail Pressure Sensor
B5107	Low-Pressure Fuel Pressure Sensor
B5209	Fuel Temperature Sensor

**Primary Fuel Filter and Water Separator With Low-Pressure Fuel Pump (rear view)**

[4] - Disconnect water-in-fuel (WIF) sensor (B5600).



#### LEGEND:

2	Cap Screw (3 used)
4	Fuel Filter Header
5	Primary Fuel Filter
6	Fuel Line (4 used)
B5600	Water-in-Fuel (WIF) Sensor
Y5501	Low-Pressure Fuel Pump

**Primary Fuel Filter and Water Separator With Low-Pressure Pump**



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