

# John Deere 130G, 130GLC (SN.from D040001) Excavator Operation & Test Technical Manual (TM14288X19)

## 130G and 130GLC Excavator Operation and Test

(PIN: 1F9130GX\_ \_D040001—)



JOHN HARE



COLLECTION

### OPERATION & TEST TECHNICAL MANUAL

#### 130G and 130GLC Excavator (PIN: 1F9130GX\_ \_D040001—)

TM14288X19 01DEC18 (ENGLISH)

For complete service information also see:

130G and 130GLC Excavator Repair..... TM14288X19

PowerTech 4.5L & 6.8L Diesel Engines Tier 1/Stage I, Tier  
2/Stage II, Tier 3/Stage IIIA, Tier 3/Stage IIIB Tier 3/Stage III,  
(Base Engine).....tm104

PowerTech E 4.5 and 6  
Electronic Fuel System With



Worldwide Construction and  
Forestry Division

Covers: 130G,130GLC,1F9130GX\_ \_D040001 (◆◆◆◆◆◆◆◆)

**Type:** Service Manual

**Language:** English

**Pages:** 541

**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 130G, 130GLC (SN.from D040001) Excavator Operation & Test Technical Manual (TM14288X19)**

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.

**IMPORTANT:**

*Cleanliness is extremely important when repairing a hydraulic component. Maintain a clean work area to prevent contamination. Use clean solvent and air dry parts after cleaning.*

## Grapple Rotary Manifold Disassembly

[1] - Remove rotary manifold. See "Grapple Rotary Manifold Removal and Installation" for procedure.



### Rotary Manifold Port A

[2] - Tag and remove lines and fittings from manifold shaft.

**→NOTE:**

**Port 'A' identification is stamped in manifold shaft housing.**

[3] - Remove snap ring to remove manifold shaft from housing.



**LEGEND:**

A	Manifold Shaft
B	Housing
C	Snap Ring

### Rotary Manifold Shaft

[4] - Remove seals from housing.

[5] - Inspect housing and shaft for wear or damage. Replace, if necessary.

## Grapple Rotary Manifold Assembly

[1] - Apply clean hydraulic oil to seals.



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