

# John Deere 316GR and 318G Skid Steer Loader Repair Service Manual (TM13860X19)

## 290GLC Excavator Repair

### REPAIR TECHNICAL MANUAL

290GLC (PIN: 1FF290GX\_ E705001-; 1FF290GX\_ D705001- ;1FF290GX\_ C705001-)

TM12178 01NOV15 (ENGLISH)

For complete service information also see:

290GLC Excavator Diagnostic TM12172

JDLINK (MTG) Technical Manual TM114519

PowerTech Plus 4.5L and 6.8L Diesel Engines Level 14 Electronic Fuel System With Denso HPCR CTM320

Super Caddy Oil Cleanup Procedure CTM310

6068 PowerTech Above 130kW (140hp) 4/Stage III B platform

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

JDLINK/ZXLINK Machine Monitoring System CTM10006

PDF



DOWNLOAD



John Deere Construction and Forestry

**Type:** Service Manual

**Language:** English

**Pages:** 244

**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 316GR and 318G Skid Steer Loader Repair Service Manual (TM13860X19)**

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.

**LEGEND:**

A Snap Ring

**Hydrostatic Motor**

Remove snap ring (A).

[4] -

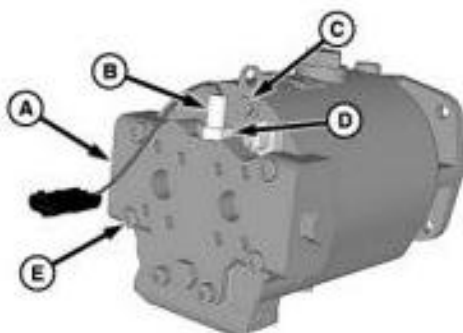
**IMPORTANT:****Be careful not to damage bearing or sealing surfaces.****LEGEND:**A Sheet Metal Screw  
B Seal**Remove Stationary Seal**

Use a center punch and make a small hole in the outer face of seal (B).

[5] - Install a 3 inch sheet metal screw with the point blunted into punched hole far enough to remove shaft seal.

[6] - Grasp sheet metal screw (A) with pliers and pull outward. Carefully insert the blade of a flat screwdriver behind the seal and pry out seal. Discard seal.

[7] -

**→NOTE:****Base cutter motor does not use speed sensor attached to motor.****LEGEND:**A End Cover  
B Speed Sensor  
C Cap Screw (2 used)  
D Locking Nut  
E Cap Screw (6 used)**End Cover and Speed Sensor**

For primary extractor motor, remove speed sensor using the following steps:

- a. Loosen locking nut (D).



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