

# John Deere 870GLC Excavator with 6WG1XZSA-02 Engine Service Repair Technical Manual (TM12182)

## 870GLC Excavator Repair

### REPAIR TECHNICAL MANUAL

870GLC with Engine 6WG1XZSA-02 (PIN: 1FF870GX\_ \_E870001—)

TM12182 14SEP15 (ENGLISH)

For complete service information also see:

870GLC Excavator Diagnostic	TM12176
JDLink (MTG) Technical Manual	TM114519



John Deere Construction and Forestry

**Covers:** 870GLC

**Type:** Service Manual

**Language:** English

**Pages:** 659

**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 870GLC Excavator with 6WG1XZSA-02 Engine Service Repair Technical Manual (TM12182)**

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.

## System Diagrams

24-Clutch R (reverse) Test Port  
25-Clutch A Test Port  
26-Clutch F Test Port  
27-Clutch C Test Port

29-Transmission Valve Module  
30-Lifting Eye (3 used)  
31-Clutch E Test Port  
32-Clutch V (forward) Test Port

34-Breather  
35-Lube Pressure Test Port  
A5-Transmission Control Unit (TCU)  
B17-Transmission Filter Restrictor



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for your reading.  
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to get more information.