

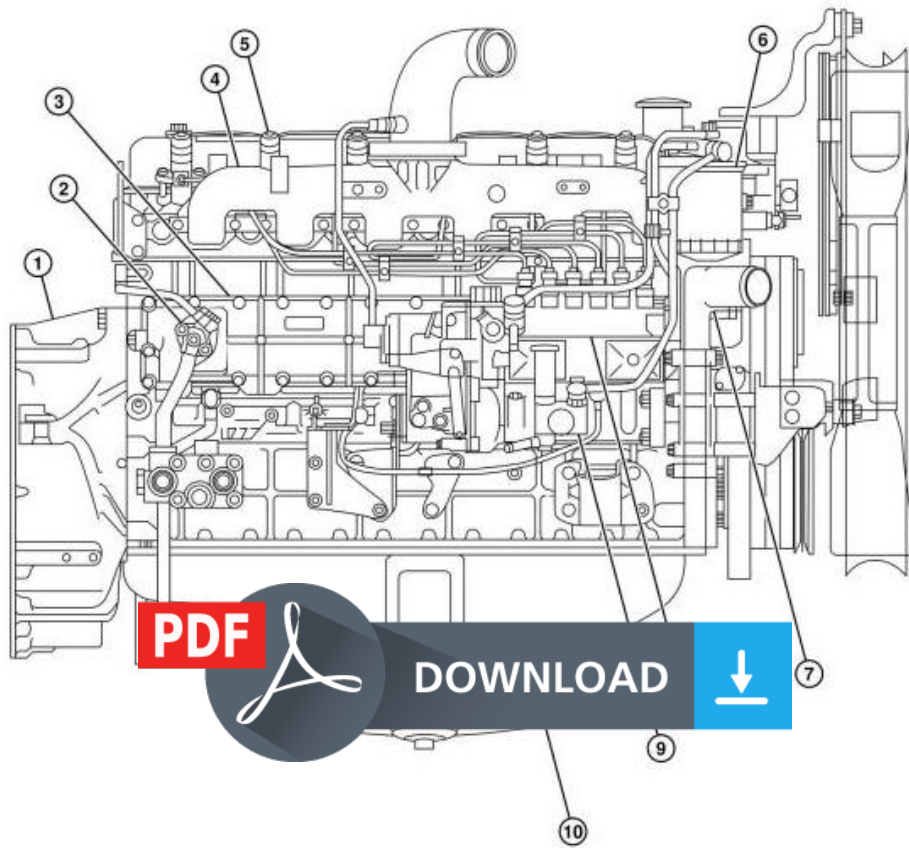
# John Deere 80C Excavator Diagnostic, Operation and Test Service Manual (TM1938)

Section 9010 - ENGINE

Group 05: Theory of Operation

## Group 05 - Theory of Operation

### Engine Component Location



TX1065179

Engine Component Location (right side)

**LEGEND:**

1 Flywheel Housing

[-< Go to Section TOC](#)

Section 9010 page 1

XCG 240LC-8B Excavator Diagnostic

Covers: 80C

**Type:** Service Manual

**Language:** English

**Pages:** 420

**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 80C Excavator Diagnostic, Operation and Test Service Manual (TM1938)**

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.

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**LEGEND:**

- 24 Rotating Housing  
 25 Stationary Housing  
 27 Pin (24 used)

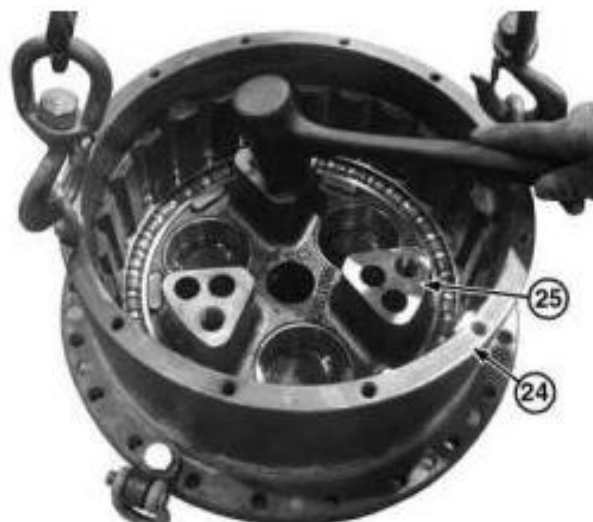
**Rotating Housing and Stationary Housing**

Remove pins (27).

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**CAUTION:**

*Avoid possible crushing injury from heavy component. Use appropriate lifting device.*

**LEGEND:**

- 24 Rotating Housing  
 25 Stationary Housing

**Removing Rotating Housing From Stationary Housing**

Lift the travel gearbox using appropriate lifting device. Use a rubber mallet to separate the stationary housing (25) from the rotating housing (24).

Item	Measurement	Specification
Rotating Housing and Stationary Housing	Weight	136 kg 300 lb.

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