

John Deere 160LC Excavator Service Repair Technical Manual (tm1662)

160LC Excavator Repair

REPAIR TECHNICAL MANUAL

160LC

TM1662 21JUL14 (ENGLISH)

For complete service information also see:

160LC Excavator Operation and Tests	TM1661
Alternators and Starting Motors	CTM77
PowerTech 4.5L & 6.8L Diesel Engines Tier 1/Stage I, Tier 2/Stage II, Tier 3/Stage IIIA, Tier 3/Stage IIA Tier 3/Stage III, (Base Engine)	CTM104
JDG10274 Ultrasonic Undercarriage Measurement Gauge	CTM10001

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John Deere Construction and Forestry

Covers: 160LC

Type: Service Manual

Language: English

Pages: 666

Format: PDF

Features: Bookmarked, searchable, printable

Compatibility: Windows/Mac/Tablet/Mobile

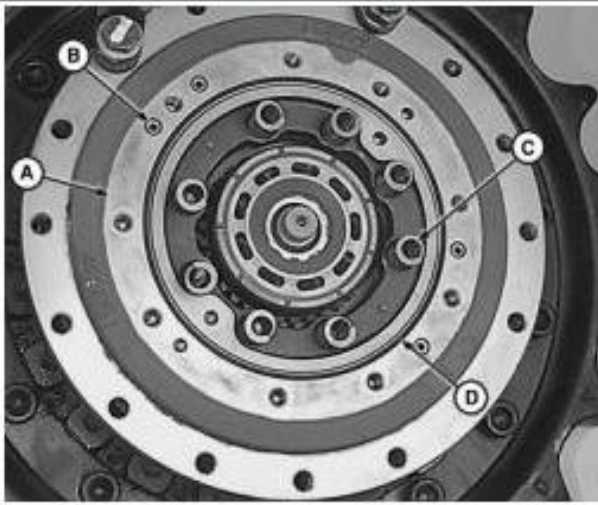
This service manual contains important information for the maintenance, troubleshooting and servicing of the **John Deere 160LC Excavator Service Repair Technical Manual (tm1662)**

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 Propel Motor Housing and Second Planet Carrier
- B O-Ring (4 used)
- C Spring (8 used)
- D O-Ring

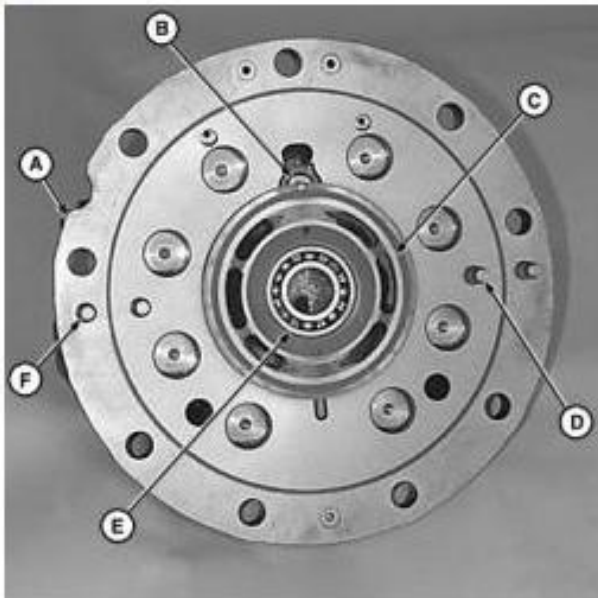
Spring And O-Ring Installation

Install O-rings (B).

[17] - Install springs (C).

[18] - Install O-ring (D).

[19] -

**LEGEND:**

- A Propel Motor Brake Valve Housing
- B Pin
- C Valve Plate
- D Pin (2 used)
- E Ball Bearing
- F Pin

Valve Plate Installation

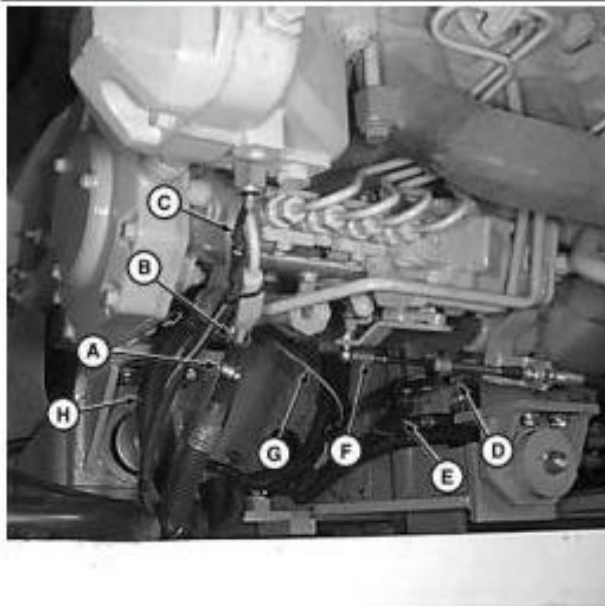
Align slot on outer diameter of valve plate (C) with pin (B).

[20] - Install ball bearing (E) into propel motor brake valve housing (A).

[21] - Apply petroleum jelly to valve plate (C).

[22] - Install valve plate (C).

[23] -

**LEGEND:**

A	Clamp (2 used)
B	Fuel Line
C	Wiring Lead (RED/GRN)
D	Electrical Connector
E	Electrical Connector
F	Engine Speed Control Linkage Cable
G	Wiring Lead (WHT)
H	Fuel Line

Speed Control Cable And Fuel Lines

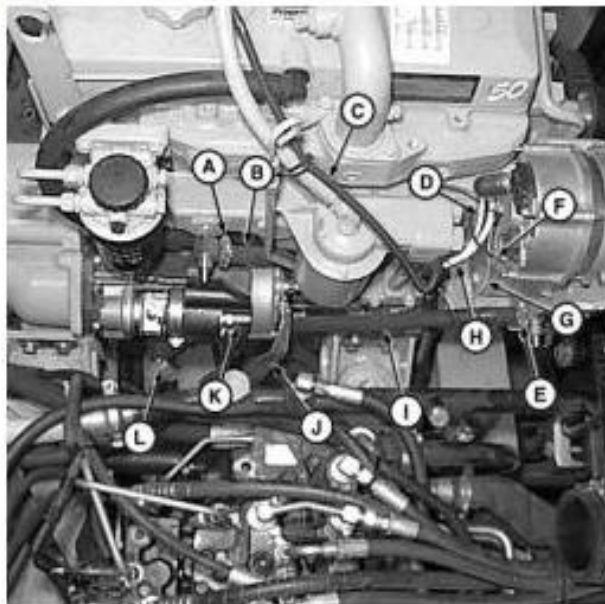
Connect engine speed control cable (F). (See procedure in Group 0515.)

[8] - Connect fuel lines (B and H).

[9] - Connect wiring leads (C and G).

[10] - Connect electrical connectors (D and E).

[11] -

**LEGEND:**

A	Clamp
B	Heater Hose
C	Wiring Lead (BRN/GRN, BLK)
D	Wiring Lead (WHT)
E	Clamp
F	Wiring Lead (BLK)
G	Wiring Lead (BLU/YEL)
H	Wiring Lead (WHT)
I	Heater Hose
J	Starter Ground Strap
K	Wiring Lead (BLK)
L	Electrical Connector (BLK)

Electrical Connector And Wiring Leads

Connect heater hoses (B and I).

[12] - Connect electrical connector (L).



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