

# John Deere 770G, 770GP, 772G, 772GP (SN.634380-656507) Motor Grader Repair Technical Manual (TM12141)

770G, 770GP, 772G, and  
772GP Motor Grader (SN.  
634380—656507) Repair



## REPAIR TECHNICAL MANUAL

Graders (SN. 634380—656507) models 770G, 770GP, 772G, 772GP w.Engines  
6090HDW11, 6090HDW16

TM12141 22 DEC 15 (ENGLISH)

### For complete service information also see:

770G, 770GP, 772G, and 772GP Motor Grader (SN. 634380—656507) Diagnostic	TM12139	
JDLINK (MTG) Technical Manual	TM114519	
TeamMate II 1200, 1400, and 1600 Series Planetary Axles	CTM43	
Super Caddy Oil C	CTM310	
DF180 Series Pow		
TeamMate II 1400 Series m		
120 Series Hydraulic Cylinders		
120 Series Hydraulic Cylinders		
6090 PowerTech Diesel Engine (Inte	Level 21 ECU	CTM104819
JDLINK/ZXLINK Machine Monitoring System		CTM10006

PDF



DOWNLOAD



John Deere Construction and Forestry  
Printed by Belgreen



TM12141

Covers: 634380-656507);,770G,770GP,772G,772GP

**Type:** Service Manual

**Language:** English

**Pages:** 647

**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 770G, 770GP, 772G, 772GP (SN.634380-656507) Motor Grader Repair Technical Manual (TM12141)**

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.

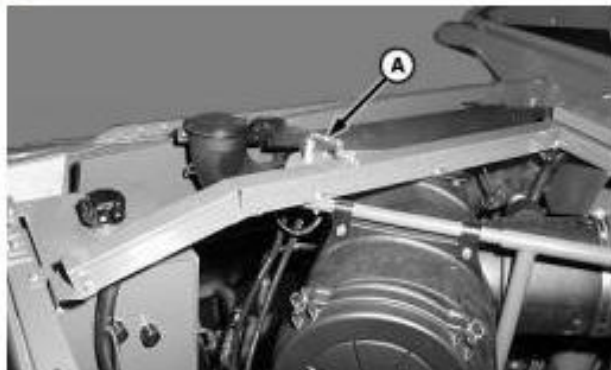
## Group 45 - Starter Motor

### Specifications

Item	Measurement	Specification
<b>Starting Motor Installation</b>		
Cap Screws	Torque	47 N·m (35 lb·ft)

### Remove and Install Starting Motor

[1] -



**LEGEND:**

A Handle

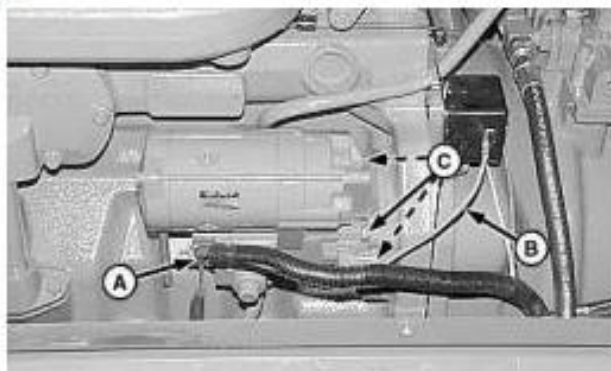
#### Battery Ground Disconnect

Turn and remove handle (A) from post to disconnect battery ground.

[2] - Remove engine access panel.

[3] - Clean area around starting motor.

[4] -



**LEGEND:**

A Lead  
B Lead  
C Cap Screw (3 used)

#### Starting Motor

Disconnect relay leads (A) and (B).

[5] - Remove cap screws (C) and lift out starting motor. Use JDE80 wrench to remove the screw behind the starting motor.

Starting Motor Wrench

JDE80

Remove and install starting motors on 400 and 500 series John Deere engines



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