

# John Deere 770G, 770GP, 772G, 772GP (SN.656729-678817) Grader Diagnostic Service Manual (TM13066X19)

**2656GLC Log Loader  
Operation and Test**  
(PIN: 1FF2656G\_\_F266001—)



JOHN HARE



COLLECTION

## OPERATION & TEST TECHNICAL MANUAL 2656GLC Log Loader (PIN: 1FF2656G\_\_F266001—)

TM14037X19 01DEC18 (ENGLISH)

For complete service information also see:

2656GLC Log Loader Repair .....	TM14038X19
2656GLC Log Loader Operators Manual .....	OMT388072X19
PowerTech 6068 OEM Diesel Engines (Final Tier 4/Stage IV platform) Level 33 ECU .....	ctm120019



Worldwide Construction and  
Forestry Division

**Covers:** 770G,1DW770G\*\*\*C656729◆◆◆◆◆◆◆◆678817;;1DW770G\*\*\*D65672

**Type:** Service Manual

**Language:** English

**Pages:** 1755

**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.656729-678817) Grader Diagnostic Service Manual (TM13066X19)**

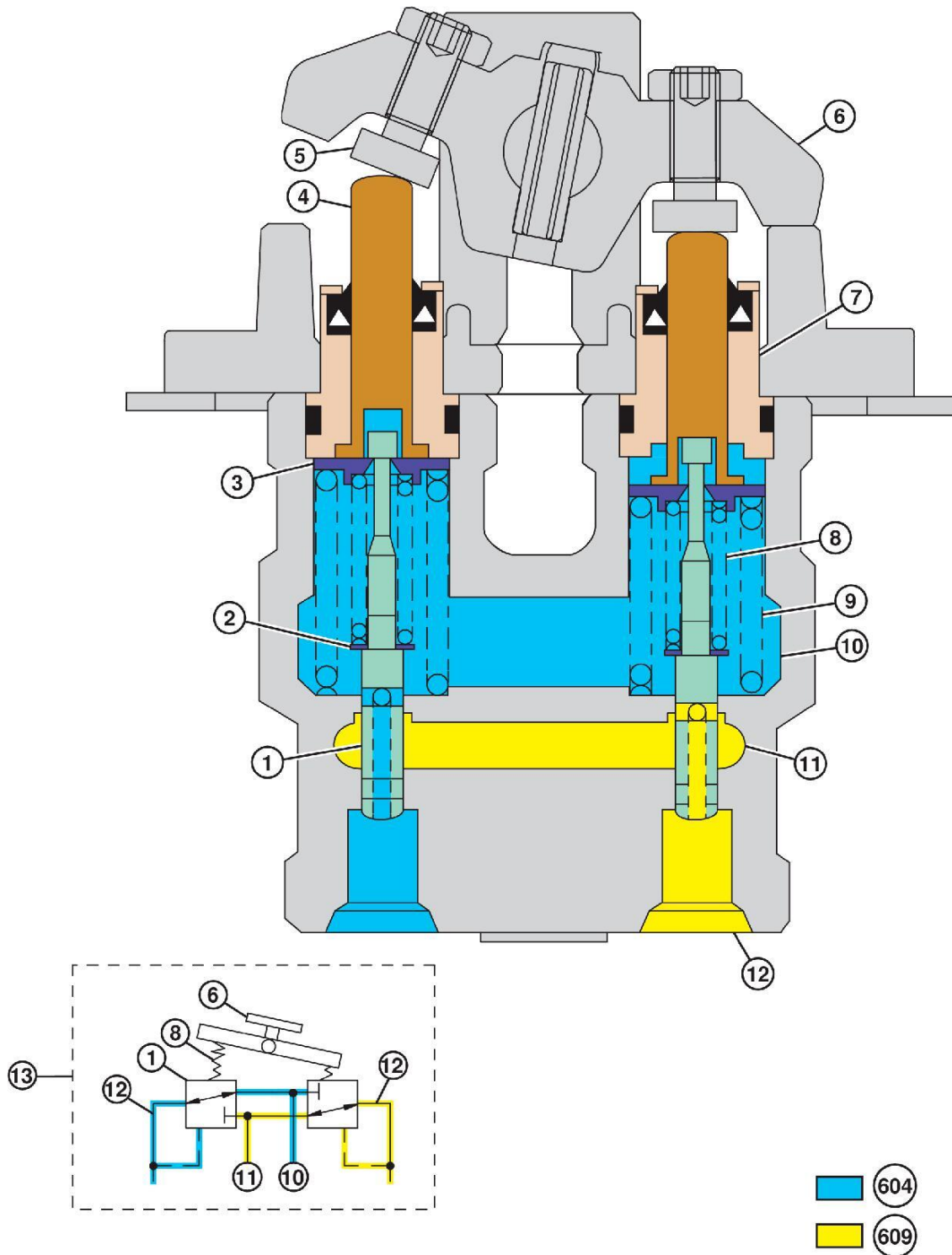
In this manual you will find detailed specifications, illustrations, schematics, diagrams and step-by-step procedures to properly service and diagnose the machine to the manufacturer's standards.

**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.

## Travel Pilot Control Valve Operation

**TX1086424**

TX1086424-UN: Travel Pilot Control Valve Operation

**LEGEND:**

1-Spool  
2-Washer  
3-Spring Guide  
4-Plunger  
5-Adjustment Screw

6-Cam and Pedal  
7-Sleeve  
8-Balance Spring  
9-Return Spring  
10-Port T to Hydraulic Oil Tank

11-Port P From Pilot Shutoff Solenoid Valve  
12-Port 1, 2, 3, or 4 to Control Valve Pilot Cap  
13-Travel Pilot Control Valve—Full Stroke  
604-Return Oil  
609-Pilot Oil

The travel pilot control valve regulates the pilot oil (609) pressure to actuate the pilot valves in the pilot signal manifold and to shift the control valve spools to actuate the travel functions.

See Pilot Signal Manifold Operation for pilot valve operation. (Group 9025-05.)



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for your reading.  
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to get more information.