

John Deere 770G, 770GP, 772G, 772GP (SN.F656526-678817) Grader Diagnostic Service Manual (TM13026X19)

770G, 770GP, 772G, and
772GP Motor Graders (SN.
F656526—678817)
Diagnostic



OPERATION AND TEST MANUAL

Graders Models 770G, 770GP (PIN: 1DW770G***F656526—678817) 772G, 772GP
(PIN: 1DW772G***F656526—678817)

TM13026X19 10 MAR 16 (ENGLISH)

For complete service information also see:

770G, 770GP, 772G, and 772GP Motor Graders Repair

TM13027X19

JDLINK (MTG) Technical Manual

TM114519

TeamMate II 1200, 1400, and 1600 Series Forward Planetary Axles

CTM43

DF180 Series PowerShift

CTM308

TeamMate II 1400

120 Series Hydraulic Cylinders

6090 PowerTech™ OEM Diesels



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John Deere Construction and Forestry
Printed by Belgreen



Covers: 770G,1DW770G***F656526-678817),770GP,1DW770G***F656526-

Type: Service Manual

Language: English

Pages: 1540

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.F656526-678817) Grader Diagnostic Service Manual (TM13026X19)**

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
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- 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.

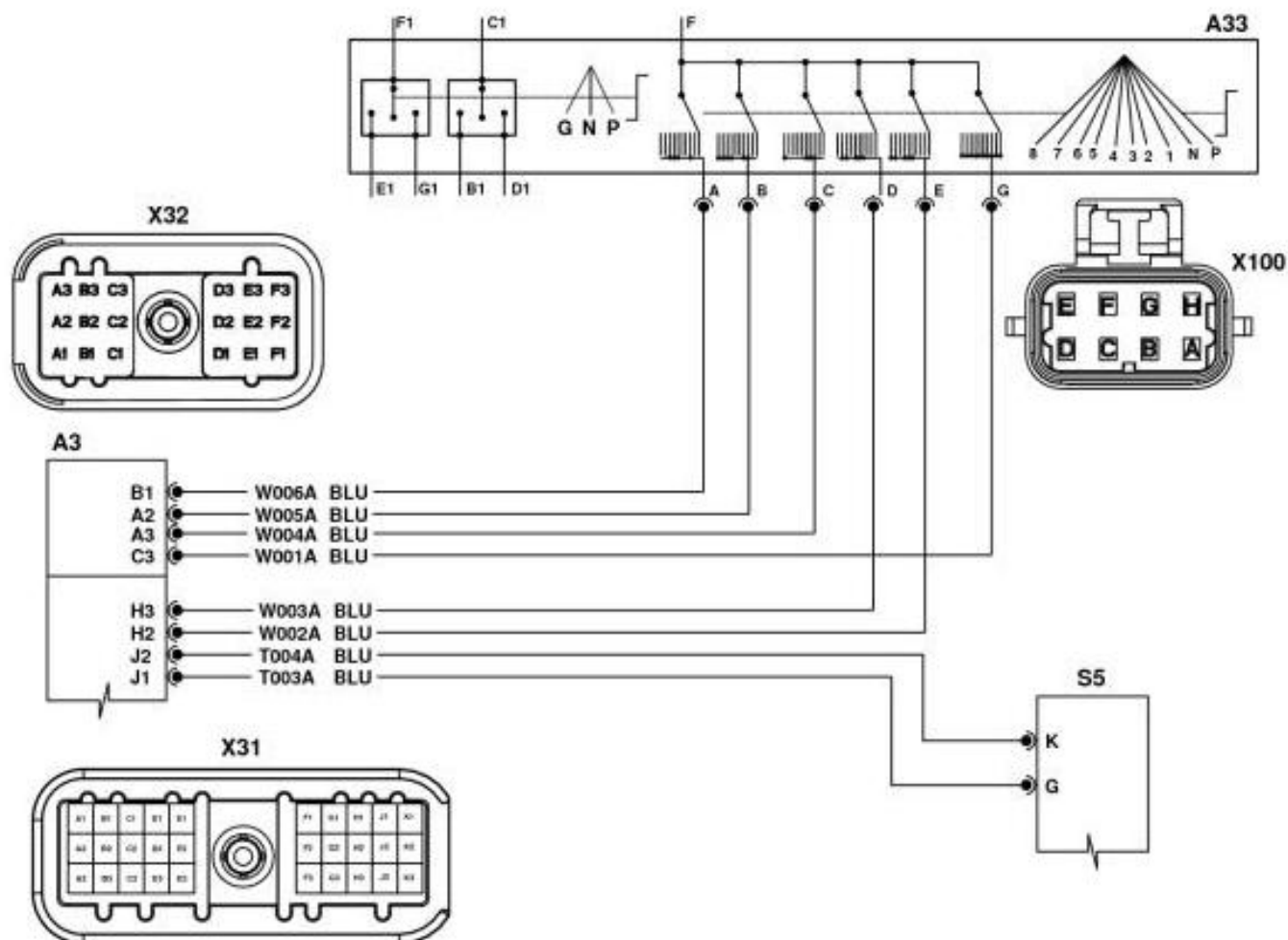
523740.31- Gear Selector Fault

44

Transmission shift lever module (A33) inputs do not align.

→NOTE:

Transmission will default to neutral. Transmission must be shifted to neutral to recover from code. To recover and restore normal operation, the cause of the malfunction must first be determined and corrected.



TX1144546

Transmission Shift Lever Module (A33) Circuit Schematic**LEGEND:**

A3	Transmission Control Unit (TCU)
A33	Transmission Shift Lever Module
S5	Forward/Reverse Switch Module
X31	Transmission Control Unit (TCU) 30-Pin Connector 1
X31—H2	Signal
X31—H3	Signal
X33—J1	Signal
X33—J2	Signal
X32	Transmission Control Unit (TCU) 18-Pin Connector 2
X32—A2	Signal
X32—A3	Signal
X32—B1	Signal
X32—C3	Signal
X100	Transmission Shift Lever Module 8-Pin Connector 1

Alarm Level:

- Service Required Indicator



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