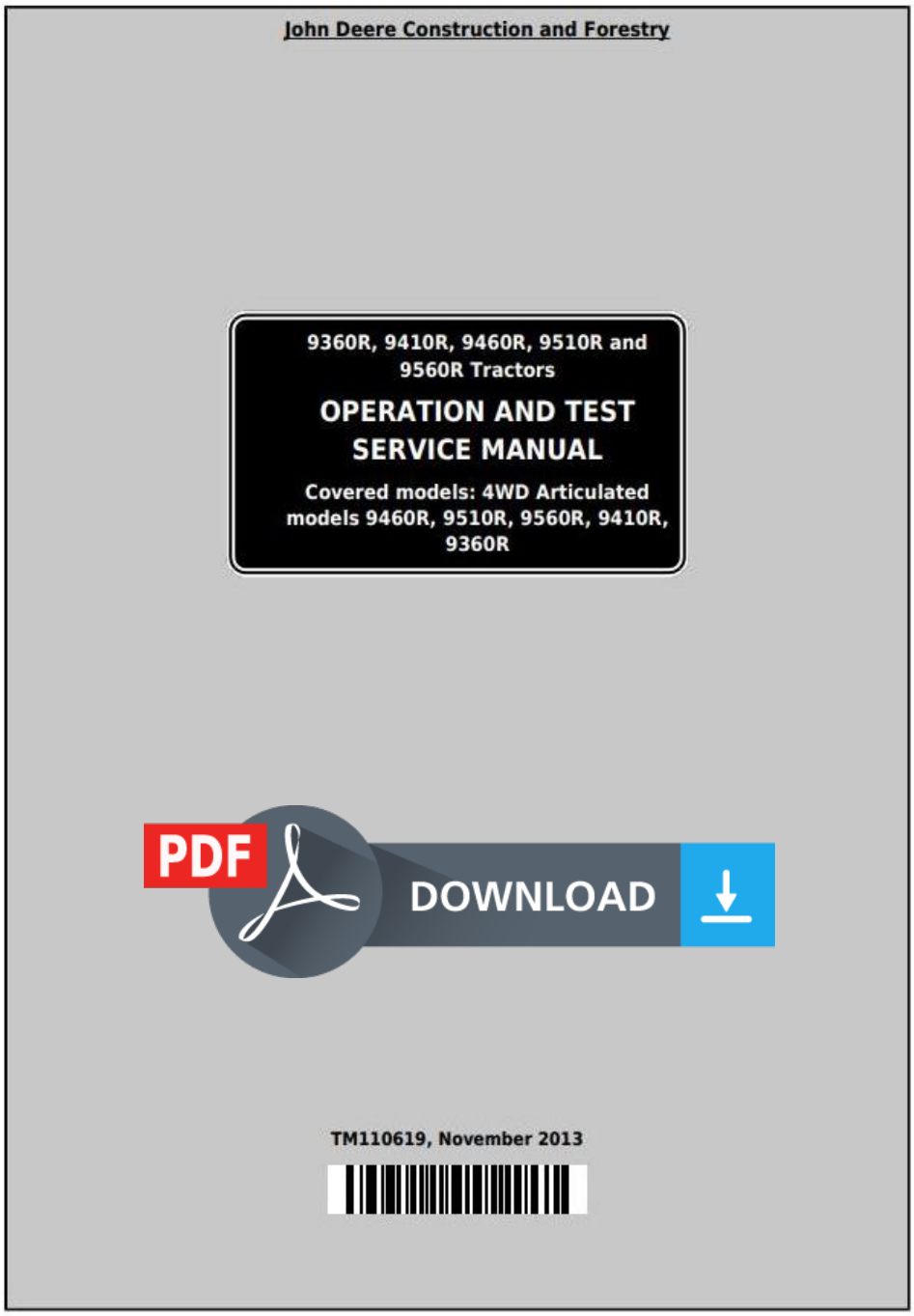
# John Deere 9360R, 9410R, 9460R, 9510R, 9560R Tractors Diagnosis and Tests Service Manual (TM110619)




**Covers:** 9460R,9510R,9560R,9360R,9410R

**Type:** Service Manual
**Language:** English
**Pages:** 4880
**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 9360R, 9410R, 9460R, 9510R, 9560R Tractors Diagnosis and Tests Service Manual (TM110619)**

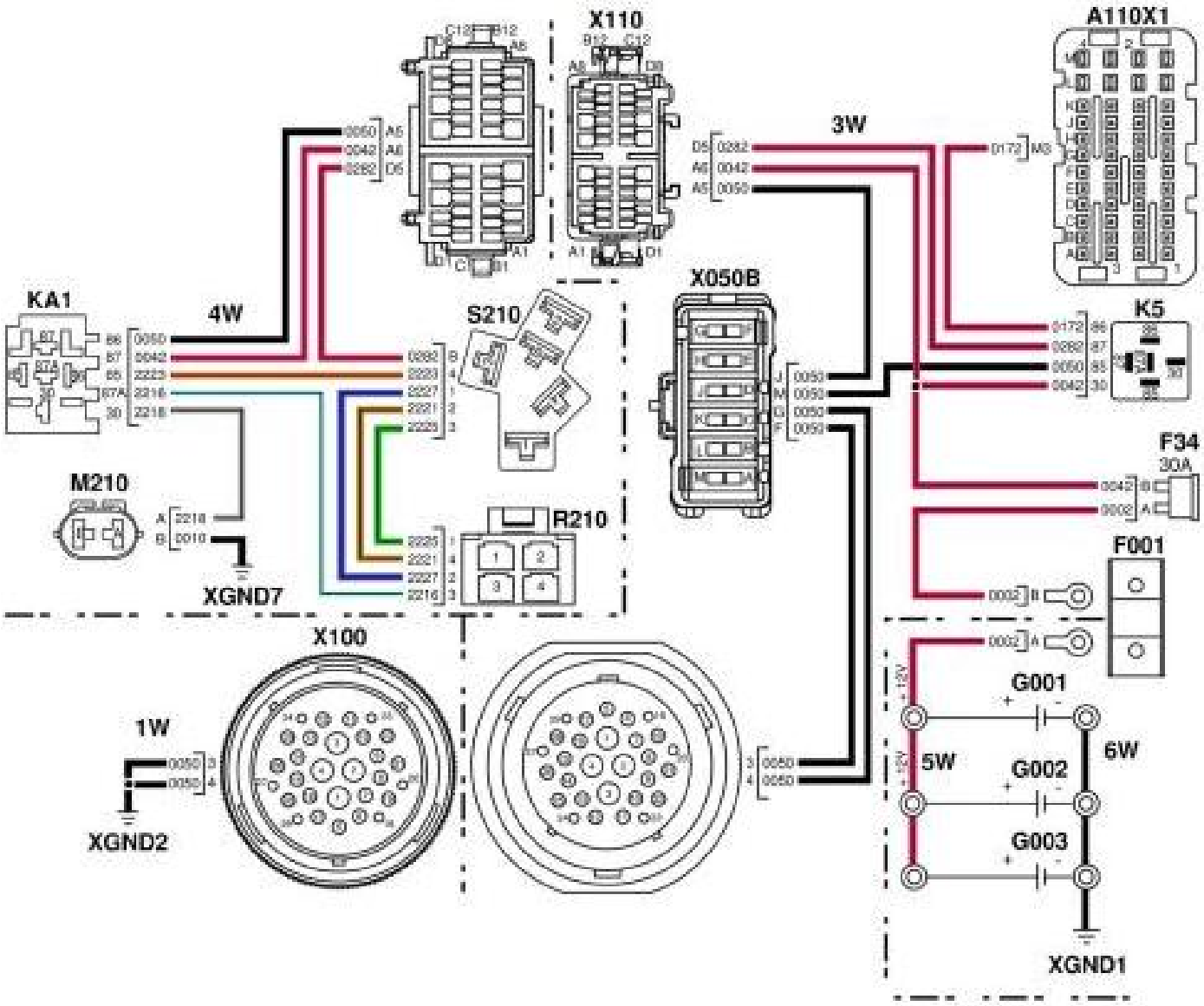
In this manual you will find detailed specifications, illustrations, schematics, diagrams and step-by-step procedures to properly service and diagnose the machine to the manufacturer's standards.

**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.

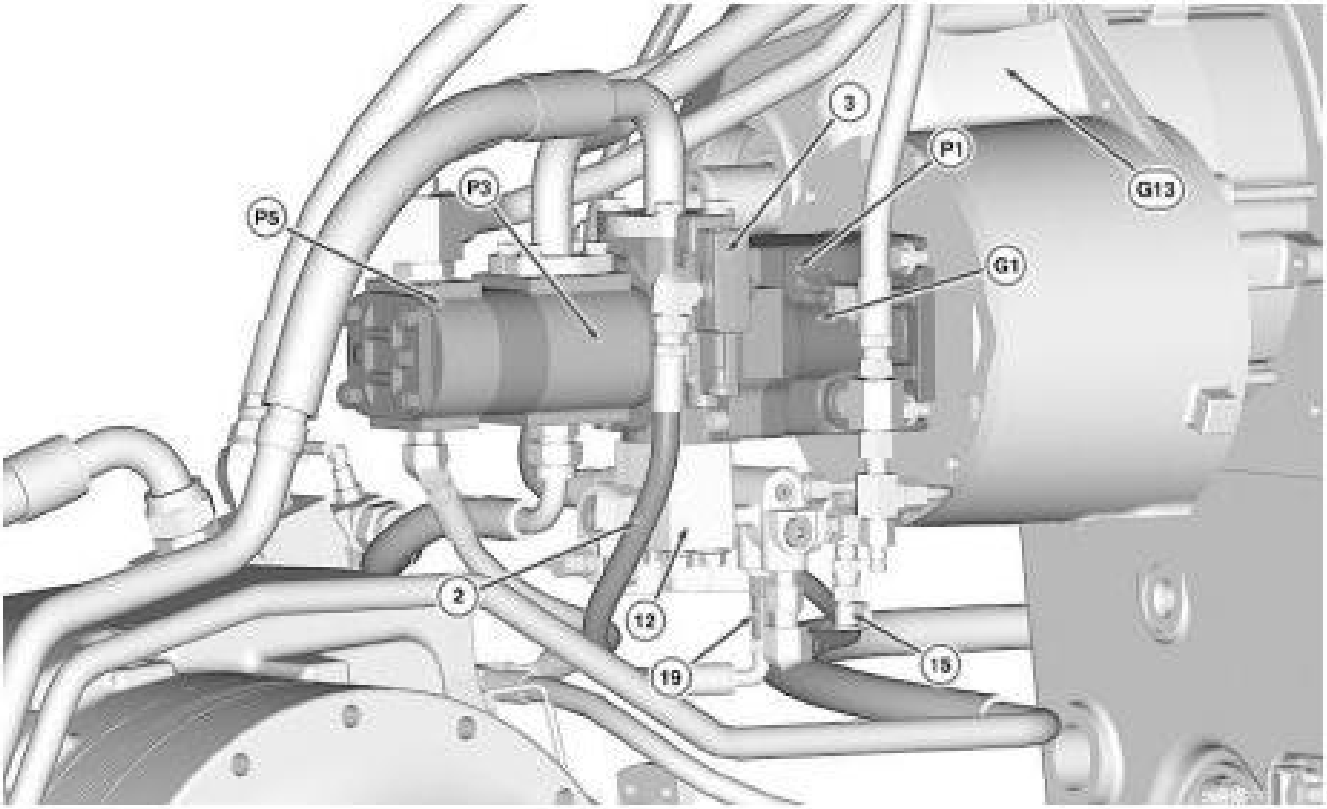
# Manual—HVAC Circulation Blower Motor Circuit Test




*Manual—HVAC Circulation Blower Motor Circuit Diagram*

**LEGEND:**

| | |
|---|---|
| A110X1 | A110X1 Cab Control Unit Connector |
| F001 | F001 Master Fuse |
| F34 | Load Center Panel—Fuses |
| G001 | G001 Battery |
| G002 | G002 Battery |
| G003 | G003 Battery |
| KA1 | KA1 Manual HVAC Circulation Blower Motor Relay |
| K5 | Load Center Panel—Relays |
| M210 | M210 Manual HVAC Circulation Blower Motor |
| R210 | R210 Blower Motor Resistor |
| S210 | S210 Blower Motor Switch |
| 1W | W300 9L Wheel Chassis Harness |
| 1W | W301 13.5L Wheel Chassis Harness (NA Only) |
| 1W | W303 13.5L Wheel Chassis Harness (Eur Only) |
| 1W | W304 13.5L Wheel Chassis Harness (Scraper Only) |




***MST; Standard Flow Pump Compensator***

**LEGEND:**

| | |
|---|---|
| G1 | Main Pump Assembly |
| G12 | Priority Control Valve Assembly |
| G13 | Manual Shift Transmission Assembly (MST) |
| P1 | Main Hydraulic Pump |
| P2 | High Flow Pump |
| P3 | Charge Pump |
| P5 | Axle Lube Pump |
| 2 | Resolved Load Sense Line to Pump Compensator |
| 3 | Main Pump Compensator |
| 15 | Main Pump Load Sense Line from SCVs |
| 19 | Load Sense Damping Valve |

**→NOTE:**

**Theory is based on main pump compensator (3). However, high flow pump compensator (17) functions the same as the main pump compensator.**

Main pump compensator (3) is located on left-hand side of main hydraulic pump (P1). Compensator (3) is responsible for controlling swash plate angle in the main pump (P1).

Compensator (3) is comprised of a pump pressure limiting spool valve and a load sense spool valve. Pressure limiting spool controls main pump stall pressure. Load sense spool controls pump outlet pressure based on demands from hydraulic functions being used and also controls load sense differential pressure.