

John Deere 540G, 640G, 740G, 548G, 648G, 748G (SN. -565684) Skidders Repair Service Manual (TM1600)

644H 4WD Loader and
644H MH Loader
Diagnostic



OPERATION AND TEST MANUAL

4WD Loaders models 644H; Material Handler models 644H MH

TM1637 22 FEB 05 (ENGLISH)

For complete service information also see:

185 Series Hydraulic Cylinders	TM-H185A
120 Series Hydraulic Cylinders	TM-H120A
644H and 644H MH Loader Repair	TM1638
PowerTech 8.1 L Diesel Engines Base Engine	CTM86
Alternators and Stators	CTM77
Electronic Fuel Injection	
PowerTech 8.1L Diesel Engines Pressure Common Rail	
TeamMate III 1000, 1200, and 1400	
PowerTech 6.8L and 8.1L, 6068 and 6068A Diesel Engines (Level 3 Electronic Fuel Systems with Bosch In-Line Pump)	CTM134



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John Deere Construction and Forestry
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TM1637

Covers: 565684);,540G,548G,640G,648G,740G,748G

Type: Service Manual

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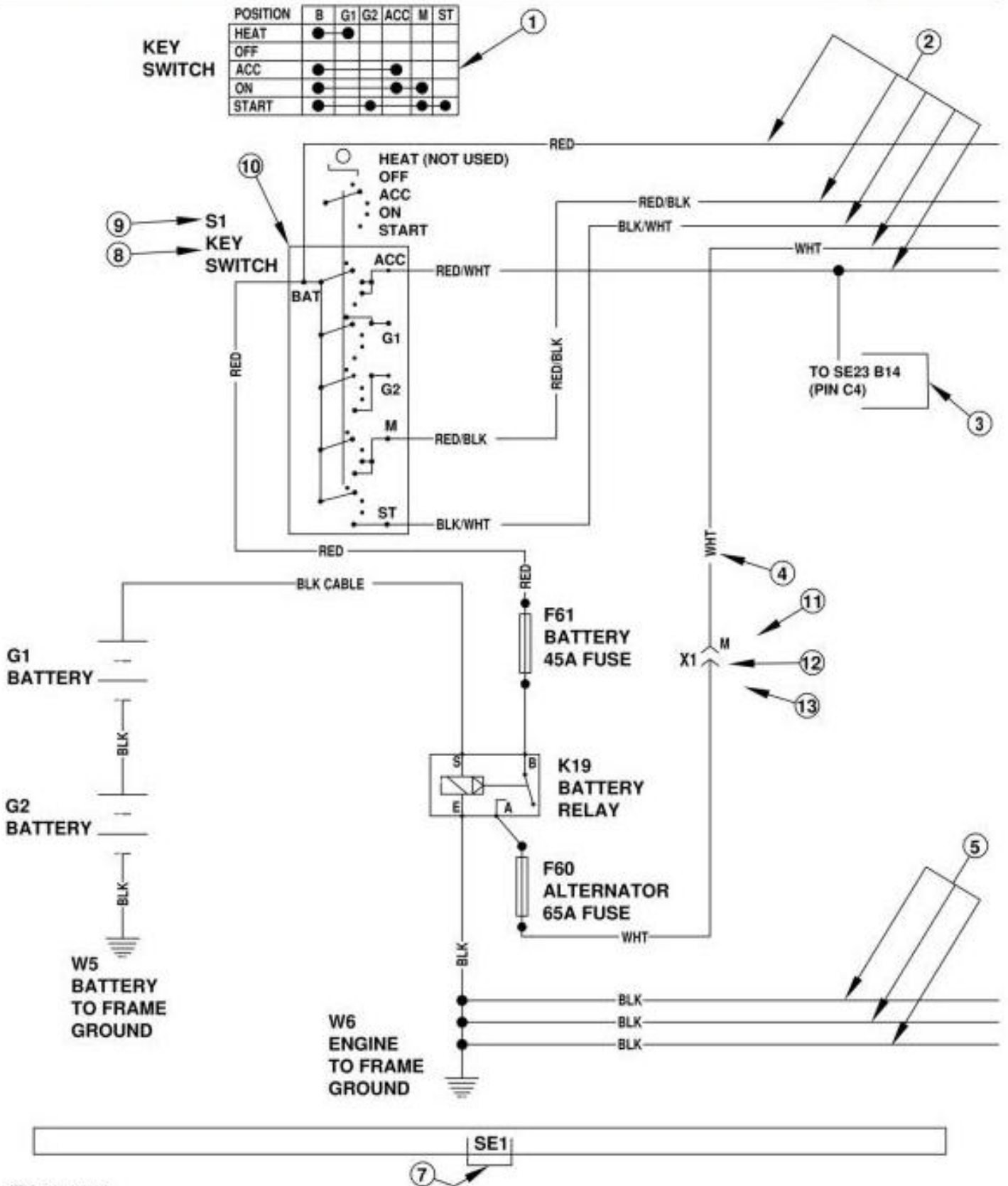
This service manual contains important information for the maintenance, troubleshooting and servicing of the **John Deere 540G, 640G, 740G, 548G, 648G, 748G (SN. -565684) Skidders Repair Service Manual (TM1600)**

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.



TX1109103

System Functional Schematic Example

LEGEND:

- 1 Continuity Chart
- 2 Power Wires
- 3 Routing Location Information
- 4 Wire Identification
- 5 Ground Wires



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