

John Deere Timberjack / 608L, 753GL Tracked Feller Buncher Diagnostic Service Manual (tmf387450)

608L / 753GL FELLER
BUNCHER Diagnostic




OPERATION AND TEST MANUAL

Track models 608L (SN. WC608LX006067-), 753GL (SN. WC753GL001027-)



TMF387450 22 FEB 05 (ENGLISH)

For complete service information also see:

753G/753GL/608S/608B/608L HARVESTER	TMF387452
753GL/608L TRACKED FELLER BUNCHER Repair	TMF387451
PowerTech 8.1 L Diesel Engines Base Engine	CTM86
Super Caddy Oil Cleanup Procedure	CTM310
PowerTech 8.1L Diesel Engine Fuel System With Denso High Pressure Common Rail	CTM255
PowerTech 6.8L and 7.6L Diesel Engines Systems with Bosch In-Line	

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John Deere Construction and Forestry
Printed by Belgreen



Covers: 608L,WC608LX006067-),753GL,WC753GL001027-)

Type: Service Manual

Language: English

Pages: 593

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 Timberjack / 608L, 753GL Tracked Feller Buncher Diagnostic Service Manual (tmf387450)**

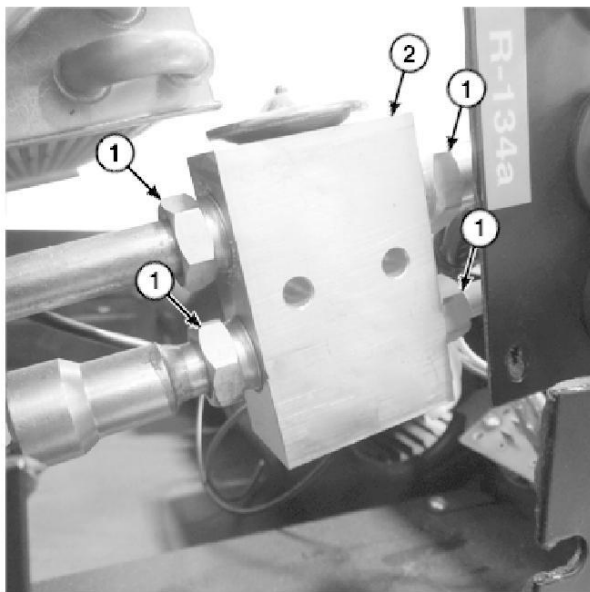
In this manual you will find detailed specifications, illustrations, schematics, diagrams and step-by-step procedures to properly service and diagnose the machine to the manufacturer's standards.

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.

Expansion Valve Remove and Install—If Equipped



TX1124301A-UN: Expansion Valve

LEGEND:

1-Air Conditioner Line (4 used)

2-Expansion Valve

1. Park and prepare machine for service safely. [See Park and Prepare for Service Safely.](#) (Group 0001.)
2. Turn battery disconnect switch to the OFF position.
3. Recover refrigerant from system. [See R134a System Recover.](#) (Group 1830.)
4. Remove air conditioning module. [See Heating and Air Conditioning Module Remove and Install—If Equipped.](#) (Group 1830.)
5. Remove heater/evaporator coil. [See Heater/Evaporator Coil Remove and Install—If Equipped.](#) (Group 1830.)
6. Remove air conditioner lines (1).
7. Remove expansion valve (2).
8. Repair or replace as necessary.
9. Install expansion valve.
10. Connect air conditioning lines to expansion valve.
11. Install heater/evaporator coil.
12. Install heater/evaporator coil. [See Heater/Evaporator Coil Remove and Install—If Equipped.](#) (Group 1830.)
13. Purge, evacuate, and charge the system. [See R134a System Purge.](#) [see R134a System Evacuate,](#) and [see R134a System Charge.](#) (Group 1830.)
14. Turn battery disconnect switch to the ON position.
15. Remove articulation lock bar.

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Freeze Control Switch Remove and Install—If Equipped

1. Park and prepare machine for service safely. [See Park and Prepare for Service Safely.](#) (Group 0001.)

5. Tag and disconnect wire leads from freeze control switch and remove switch from cover.
6. Repair or replace as necessary.
7. Connect wire leads to freeze control switch.
8. Install freeze control switch to heater/evaporator coil.



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for your reading.
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to get more information.