

John Deere 640L, 648L, 748L (SN.F666893◆◆◆◆◆◆◆◆690813) Skidder Diagnostic & Test Service Manual (TM13133X19)

**3754G and 3754GLC
Forestry Excavator
Repair**
(PIN: 1FF3754G__F371001—)



JOHN HARE



COLLECTION

REPAIR TECHNICAL MANUAL
**3754G and 3754GLC Forestry Excavator (PIN:
1FF3754G__F371001—)**

TM14022X19 01DEC18 (ENGLISH)

For complete service information also see:

3754G and 3754GLC Forestry Excavator Operation and
Test..... TM14021X19
3754G and 3754GLC Forestry Excavator Operators
Manual..... TM1351450X19
6090 PowerTech™ OEM D
Stage IV platform)



Worldwide Construction and
Forestry Division

Covers: F666893◆◆◆◆◆◆◆◆690813),640L,648L,748L

Type: Service Manual

Language: English

Pages: 1307

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 640L, 648L, 748L (SN.F666893◆◆◆◆◆◆690813) Skidder Diagnostic & Test Service Manual (TM13133X19)**

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 Identification—READ THIS FIRST!

IMPORTANT:

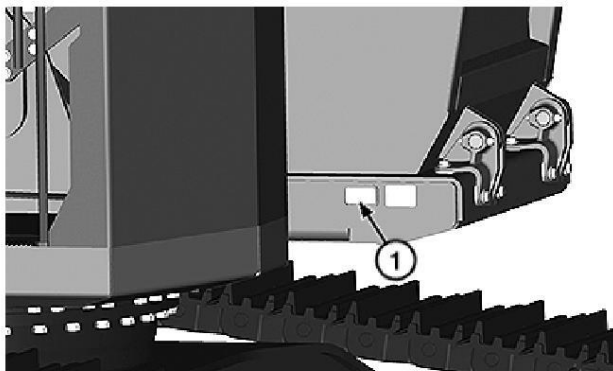
Use only supporting manuals designated for each specific machine. If incorrect manual is chosen, improper service may occur. Verify product identification number (PIN) when choosing the correct manual.

Choosing the Correct Supporting Manuals

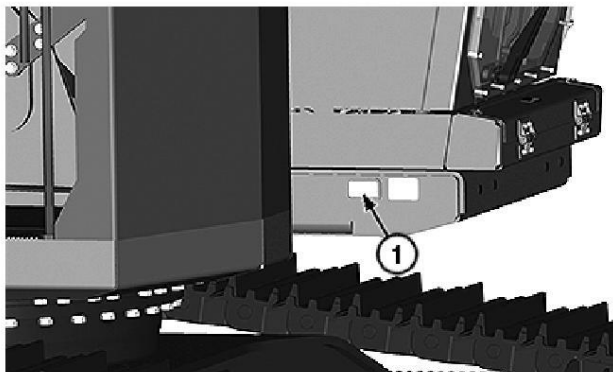
John Deere machines are available in different machine configurations based on the various markets into which they are sold. Different supporting manuals exist for different machine configurations.

When necessary, product identification numbers are listed on the front covers of the manuals. These numbers are used to identify the correct supporting manual for the machine.

Product Identification Number



TX1213375-UN: PIN Plate Location—Rear Entry Cab



TX1213374-UN: PIN Plate Location—Side Entry Cab



TX1217080-UN: Example of PIN Plate

LEGEND:

1-PIN Plate

2-17-Character PIN

The product identification number (PIN) plate (1) is located on the front right corner of the cab. Each machine has a 17-character PIN (2) shown on PIN plate.

The PIN identifies the producing factory, machine model number, machine option, year of manufacture, engine emission level, and machine serial number.

The following is an example for a machine that meets Final Tier 4 and Stage IV emission levels:

17-Character PIN Examples																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	F	F	3	1	5	4	G	_	_	F	3	1	0	0	0	1

(1—3) World Code: Identifies location where machine is manufactured.

- 1FF..... **World Code**(manufacturing location)
- 1DW..... Davenport Works
- 1T8..... Thibodaux Works
- 1T0..... Dubuque Works
- 1FF..... Deere—Hitachi (Kemersville, NC, USA)
- 1F9..... Deere—Hitachi (Indaiatuba, Sao Paulo, Brazil)

(4—8) Machine Model and Series Identifier: Identifies model number and series.

- 3154G..... **Machine Model and Series Identifier**

(9) Check Letter: This is a random character assigned by the factory. This is not used in machine identification.

- **Check Letter**(variable)

(10) Manufacturing Year Code: Identifies year of machine manufacture.

- **Manufacturing Year Code**(variable)
- E..... 2014
- F..... 2015
- G..... 2016
- H..... 2017

(11) Engine Emission Code: Represents engine emission certification.

- F..... **Engine Emission Code**
- C..... Tier 2 and Stage II
- D..... Tier 3 and Stage III A
- E..... Interim Tier 4 and Stage III B
- F..... Final Tier 4 and Stage IV
- G..... Interim Tier 4 and Stage III A (19-56 kW)
- H..... Final Tier 4 and Stage III A (19-37 kW)
- J..... Final Tier 4 and Stage III B (37-56 kW)
- K..... Final Tier 4 (8-19 kW)

(12—17) Machine Serial Number: Identifies machine serial number. This character will change from one machine to another.

- 310001..... **Machine Serial Number**

KR46761,00011E9-19-20160608



Thank you very much
for your reading.
Please click here
to get more information.