

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.....	OMT351450X19
6090 PowerTech™ OEM Diesel Engines (Final Tier 4/ Stage IV platform)	ctm117719



Worldwide Construction and
Forestry Division

Introduction

Foreword

This manual is written for an experienced technician. Essential tools required in performing certain service work are identified in this manual and are recommended for use.

Live with safety: Read the safety messages in the introduction of this manual and the cautions presented throughout the text of the manual.



CAUTION:

This is the safety-alert symbol. When this symbol is seen on the machine or in this manual, be alert for the potential of personal injury.

Technical manuals are divided in two parts: repair and operation and tests. Repair sections tell how to repair the components.

Operation and test sections help to quickly identify the majority of routine failures quickly.

Information is organized in groups for the various components requiring service instruction. At the beginning of each group are summary listings of all applicable essential tools, service equipment and tools, other materials needed to do the job, service parts kits, specifications, wear tolerances, and torque values.

Technical manuals are concise guides for specific machines. They are on-the-job guides containing only the vital information needed for diagnosis, analysis, testing, and repair.

Fundamental service information is available from other sources covering basic theory of operation, fundamentals of troubleshooting, general maintenance, and basic type of failures and their causes.

MM16284,0001A38-19-20151201

Manual Identification—READ THIS FIRST!

IMPORTANT:

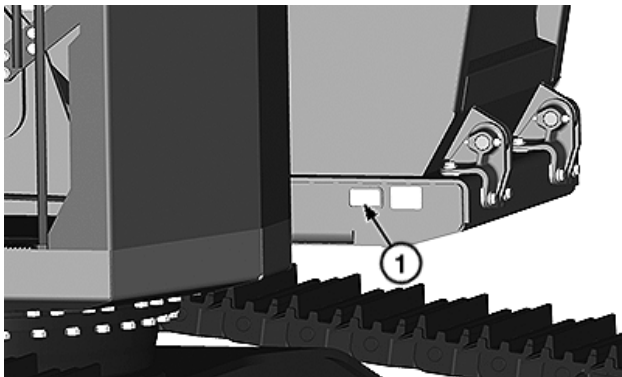
Use only supporting manuals designated for each specific machine. If incorrect manual is chosen, improper service may occur. Verify product identification number (PIN) when choosing the correct manual.

Choosing the Correct Supporting Manuals

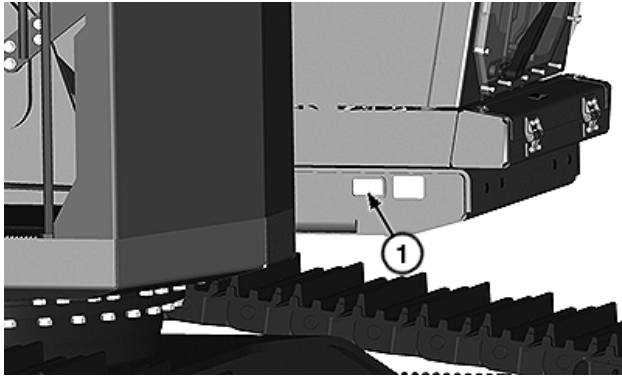
John Deere machines are available in different machine configurations based on the various markets into which they are sold. Different supporting manuals exist for different machine configurations.

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



TX1217083-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	7	5	4	G	_	_	F	3	7	1	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 (Kernersville, NC, USA)
- 1F9..... Deere—Hitachi (Indaiatuba, Sao Paulo, Brazil)

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

- 3754G..... **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.

- 371001..... **Machine Serial Number**

KR46761,00011EB-19-20160608

Section 00 - General Information

[Group 0001 - Safety](#)
[Group 0003 - Torque Values](#)

Section 01 - Tracks

[Group 0130 - Track System](#)

Section 02 - Axles, Differentials, and Suspension Systems

[Group 0250 - Axle Shaft, Bearings, and Reduction](#)

[Gears](#)

[Group 0260 - Hydraulic System](#)

Section 04 - Engine

[Group 0400 - Removal and Installation](#)

Section 05 - Engine Auxiliary System

[Group 0510 - Cooling Systems](#)
[Group 0530 - External Exhaust Systems](#)
[Group 0560 - External Fuel Supply Systems](#)

Section 07 - Damper Drive (Flex Coupling)

[Group 0752 - Elements](#)

Section 17 - Frame or Supporting Structure

[Group 1740 - Frame Installation](#)
[Group 1749 - Chassis Weights](#)

Section 18 - Operator's Station

[Group 1800 - Removal and Installation](#)
[Group 1810 - Operator Enclosure](#)
[Group 1821 - Seat and Seat Belt](#)
[Group 1830 - Heating and Air Conditioning](#)

Section 19 - Sheet Metal

[Group 1910 - Hood or Engine Side Shields](#)

Section 33 - Excavator

[Group 3302 - Buckets](#)
[Group 3340 - Frames](#)
[Group 3360 - Hydraulic System](#)

Section 43 - Swing or Pivoting System

[Group 4350 - Mechanical Drive Elements](#)
[Group 4360 - Hydraulic System](#)

Section 99 - Dealer Fabricated Tools

[Group 9900 - Dealer Fabricated Tools](#)



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to get more information.