331G and 333G Comact Track Loader Repair

(PIN: 1T0331G_ _E314413—; PIN: 1T0333G_ _E314413—)

JOHN HARE

COLLECTION

REPAIR MANUAL

331G and 333G Comact Track Loader (PIN: 1T0331G_ _E314413—; PIN: 1T0333G_ _E314413—)

TM14068X19 01DEC18 (ENGLISH)

For complette service information also see:

331G and 333G Comact Track Loader Operation and Test	TM14066X19
331G and 333G Comact Track Loader Operators Manual	OMT394559X19
4TNV94CHT Diesel Engines (Interim Tier 4/Stage III B Platform)	ctm116319
Hydraulic Cylinders	ctm120519

Worldwide Construction and Foresty Division

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!

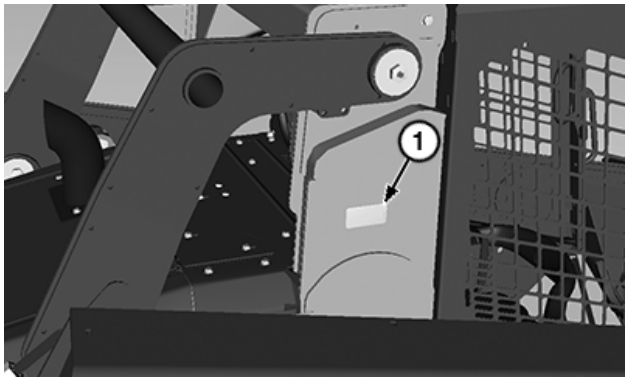
IMPORTANT:
Use only supporting manuals designated for the specific machine. If incorrect manual is chosen, improper service may occur. Verify product identification number (PIN) when choosing the correct manual.

Choosing the Correct Supporting Manuals

John Deere skid steers 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 skid steer manuals. These numbers are used to identify the correct supporting manual for the machine.

Product Identification Number



TX1215127-UN: PIN Plate Location

TX1216544-UN: Example of PIN Plate

LEGEND:
1-PIN Plate
2-17-Character PIN

The product identification number (PIN) plate (1) is located on the right side of machine behind 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	T	0	3	3	1	G	_	_	_	F	0	0	0	0	0	1

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

1T0.....	***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.

331G.....	***Machine Model and Series Identifier***
333G.....	***Machine Model and Series Identifier***

NOTE:

Characters 7—8 identify series and major machine configuration options. These characters will change from one machine to another.

_.....	***Machine Option Code***
A.....	Single Speed
B.....	2-Speed
E.....	Single Speed High Flow
F.....	2-Speed High Flow
J.....	Single Speed Electrohydraulic (EH)
K.....	2-Speed Electrohydraulic (EH)
L.....	Single Speed High Flow Electrohydraulic (EH)
M.....	2-Speed High Flow Electrohydraulic (EH)

(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)
D.....	2013
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.

000001.....	***Machine Serial Number***

JB38880,0001178-19-20170523

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