

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 complete 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
Forestry 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:

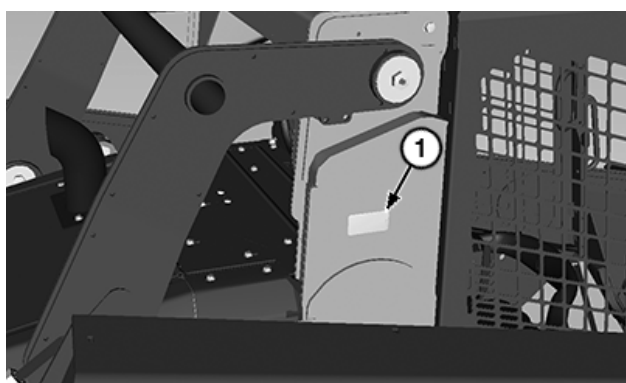
Use only supporting manuals designated for the specific machine. If incorrect manual is chosen, improper service may occur. Verify product identification number (PIN) when choosing the correct manual.

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)
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(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
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Section 00 - General Information[Group 0001 - Safety](#)[Group 0003 - Torque Values](#)**Section 01 - Tracks**[Group 0130 - Track System](#)**Section 03 - Transmission**[Group 0325 - Flywheel Coupler](#)[Group 0360 - Hydraulic System](#)**Section 04 - Engine**[Group 0400 - Removal and Installation](#)**Section 05 - Engine Auxiliary System**[Group 0510 - Cooling Systems](#)[Group 0520 - Intake System](#)[Group 0530 - External Exhaust Systems](#)[Group 0560 - External Fuel Supply Systems](#)**Section 16 - Electrical System**[Group 1600 - Removal and Installation](#)**Section 17 - Frame or Supporting Structure**[Group 1740 - Frame Installation](#)**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 and Styling**[Group 1910 - Hood or Engine Enclosure](#)**Section 20 - Safety and Convenience**[Group 2001 - Radio](#)**Section 21 - Main Hydraulic System**[Group 2160 - Hydraulic System](#)**Section 31 - Loader**[Group 3104 - Attachment Coupler](#)[Group 3140 - Frame](#)[Group 3160 - Hydraulic System](#)**Section 99 - Dealer Fabricated Tools**[Group 9900 - Dealer Fabricated Tools](#)

Section 00 General Information

Contents

	Page		Page
Group 0001 - Safety		<u>Inspect and Maintain ROPS</u>	00-0001-10
<u>Recognize Safety Information</u>	00-0001-1	<u>Travel Safely.....</u>	00-0001-11
<u>Follow Safety Instructions.....</u>	00-0001-1	<u>Prevent Acid Burns.....</u>	00-0001-11
<u>Operate Only If Qualified</u>	00-0001-1	<u>Add and Operate Attachments Safely</u>	00-0001-11
<u>Wear Protective Equipment.....</u>	00-0001-2	<u>Park and Prepare for Service Safely</u>	00-0001-12
<u>Avoid Unauthorized Machine Modifications.....</u>	00-0001-2	<u>Service Machines Safely</u>	00-0001-12
<u>Control Pattern</u>	00-0001-2	<u>Service Cooling System Safely</u>	00-0001-12
<u>Inspect Machine</u>	00-0001-2	<u>Remove Paint Before Welding or Heating.....</u>	00-0001-13
<u>Stay Clear of Moving Parts</u>	00-0001-2	<u>Make Welding Repairs Safely</u>	00-0001-13
<u>Avoid High - Pressure Fluids</u>	00-0001-3	<u>Drive Metal Pins Safely</u>	00-0001-13
<u>Avoid High - Pressure Oils</u>	00-0001-3	<u>Use Proper Lifting Equipment</u>	00-0001-14
<u>Work In Ventilated Area</u>	00-0001-3	<u>Clean Exhaust Filter Safely</u>	00-0001-14
<u>Avoid Static Electricity Risk When Refueling.....</u>	00-0001-4	Group 0003 - Torque Values	
<u>Prevent Fires</u>	00-0001-4	<u>Unified Inch Bolt and Cap Screw Torque Values ...</u>	00-0003-1
<u>High Debris Applications</u>	00-0001-5	<u>Metric Bolt and Cap Screw Torque Values</u>	00-0003-2
<u>In Case of Machine Fire</u>	00-0001-5	<u>Additional Metric Cap Screw Torque Values</u>	00-0003-3
<u>Prevent Battery Explosions</u>	00-0001-5	<u>Check Oil Lines And Fittings</u>	00-0003-4
<u>Handle Chemical Products Safely</u>	00-0001-5	<u>Service Recommendations for O - Ring Boss</u>	00-0003-5
<u>Handle Starting Fluid Safely</u>	00-0001-6	<u> Fittings.....</u>	
<u>Decommissioning - Proper Recycling and Disposal</u>	00-0001-6	<u>Service Recommendations for 37° Flare and 30°</u>	00-0003-6
<u> of Fluids and Components</u>		<u> Cone Seat Connectors.....</u>	
<u>Exhaust Filter Ash Handling and Disposal</u>	00-0001-6	<u>Service Recommendations for Flared Connections</u>	00-0003-7
<u>Prepare for Emergencies.....</u>	00-0001-7	<u> - Straight or Tapered Threads</u>	
<u>Clean Debris from Machine</u>	00-0001-7	<u>Inch Series Four Bolt Flange Fitting for High -</u>	00-0003-8
<u>Add Cab Guarding for Special Uses.....</u>	00-0001-7	<u> Pressure Service Recommendations.....</u>	
<u>Use Steps and Handholds Correctly</u>	00-0001-7	<u>Service Recommendations For Inch Series Four</u>	00-0003-9
<u>Start Only From Operator's Seat.....</u>	00-0001-8	<u> Bolt Flange Fittings</u>	
<u>Use and Maintain Seat Belt</u>	00-0001-8	<u>O - Ring Face Seal Fittings With SAE Inch Hex</u>	00-0003-10
<u>Prevent Unintended Machine Movement</u>	00-0001-8	<u> Nut and Stud End for High - Pressure Service</u>	
<u>Avoid Work Site Hazards.....</u>	00-0001-8	<u> Recommendations</u>	
<u>Avoid Power Lines</u>	00-0001-9	<u>O - Ring Face Seal Fittings With Metric Hex Nut</u>	00-0003-12
<u>Keep Riders Off Machine</u>	00-0001-9	<u> and Stud End for Standard Pressure Service</u>	
<u>Avoid Backover Accidents</u>	00-0001-9	<u> Recommendations</u>	
<u>Avoid Machine Tip Over</u>	00-0001-10	<u>O - Ring Face Seal Fittings With Metric Hex Nut</u>	00-0003-14
<u>Operating On Slopes</u>	00-0001-10	<u> and Stud End for High - Pressure Service</u>	
<u>Operating or Traveling On Public Roads</u>	00-0001-10	<u> Recommendations</u>	
		<u>Service Recommendations for Metric Series Four</u>	00-0003-16
		<u> Bolt Flange Fitting</u>	



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