

325G Compact Track Loader Diagnostic

PIN: 1T0325G_ _ _J328658—



JOHN HARE



COLLECTION

OPERATION & TEST TECHNICAL MANUAL

325G Compact Track Loader

(PIN: 1T0325G_ _ _J328658—)

TM14291X19 01DEC19 (ENGLISH)

For complete service information also see:

4TNV98C and 4TNV98CT Diesel Engines (Final Tier 4/ Stage IV platform) Technical Manual.....	ctm120319
JDLINK™ (MTG) 4G LTE Technical Manual.....	tm143019
325G Compact Track Loader Repair.....	TM14295X19
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.

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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



TX1140197-UN: PIN Plate Location



TX1251720-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 above the boom lock. 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	2	5	G	-	-	-	J	1	2	3	4	5	6

(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, S o Paulo, Brazil)

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

325G	Machine Model and Series Identifier
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NOTE:

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

_	Machine Option Code (variable)
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)
F.....	2015
G.....	2016
H.....	2017
I.....	2018

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

J	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.

123456	Machine Serial Number
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JS90457.000023A-19-20180201

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for your reading.
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