## 320G, 324G Skid Steer Loader Repair

PIN: 1T0320G\_ \_ \_G328658—

(EH CONTROLS)

PIN: 1T0324G\_ \_ \_G328658—

(EH CONTROLS)



## JOHN HARE



## REPAIR TECHNICAL MANUAL

320G, 324G Skid Steer Loader with EH Controls

(PIN: 1T0320G\_ \_ \_G328658—; PIN: 1T0324G\_ \_ \_G328658—)

TM14296X19 01DEC19 (ENGLISH)

#### For complette service information also see:

### 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.



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.

MM16284,00026ED-19-20180605

# Manual Identification—READ THIS FIRST!

#### IMPORTANT:

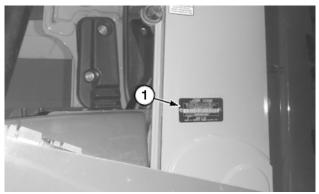
Use only supporting manuals designated for each specific machine. If incorrect manual is chosen, improper service may occur. Verify product identification number (PIN) when choosing the correct manual.

#### 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



TX1250805A-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	Т	0	3	2	4	G	_	_	_	G	1	2	3	4	5	6

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

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

320G ...... Machine Model and Series Identifier
324G ...... 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.

(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.

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

**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

JS90457,000023C-19-20180202

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