

John Deere 320G, 324G Skid Steer Loader (Manual Controls) Repair Technical Manual - TM14301X19

320G, 324G Skid Steer Loader Repair

PIN: 1T0320G__J328658—
(MANUAL CONTROLS)

PIN: 1T0324G__J328658—
(MANUAL CONTROLS)



JOHN HARE



COLLECTION

Repair Technical Manual

320G, 324G Skid Steer Loader (Manual Controls)

(PIN: 1T0320G__J328658— ; PIN: 1T0324G__J328658—)
TM14301X19 30NOV19 (ENGLISH)

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320G, 324G Skid Steer Loader
4TNV98C and 4TNV98CT
Stage IV platform) Technical Manual.....
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Worldwide Construction and
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Covers: 320G,1T0320G__,J328658,324G,1T0324G__,J328658

Type: Service Manual

Language: English

Pages: 264

Format: PDF

Features: Bookmarked, searchable, printable

Compatibility: Windows/Mac/Tablet/Mobile

This service manual contains important information for the maintenance, troubleshooting and servicing of the **John Deere 320G, 324G Skid Steer Loader (Manual Controls) Repair Technical Manual - TM14301X19**

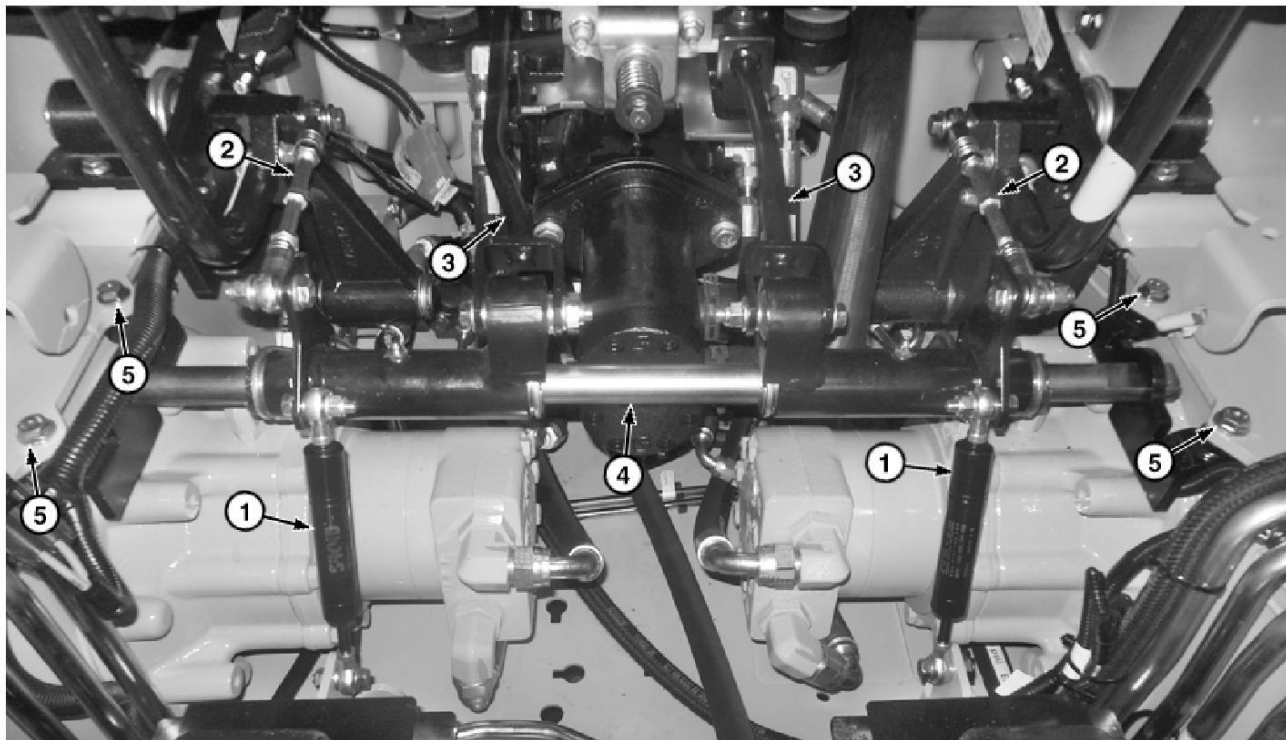
In this manual you will find detailed specifications, illustrations, schematics, diagrams and step-by-step procedures to properly service and diagnose the machine to the manufacturer's standards.

Contents:

- General Information
- Specifications
- Serial Number Location
- Engine Specifications
- Engine Diagnostics
- Engine Tests and Adjustments
- Engine Repair
- Power Train
- Transmission
- Axles
- Differential
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- Electrical System
- Electrical Tests and Diagnostics
- Wiring Diagram / Schematic
- Ignition and Charging
- Steering
- Brakes
- Wheels
- Operator's Platform
- Body Panels
- Disassembly and Assembly
- Diagnostics, Tests and Adjustments
- Troubleshooting
- and much more...

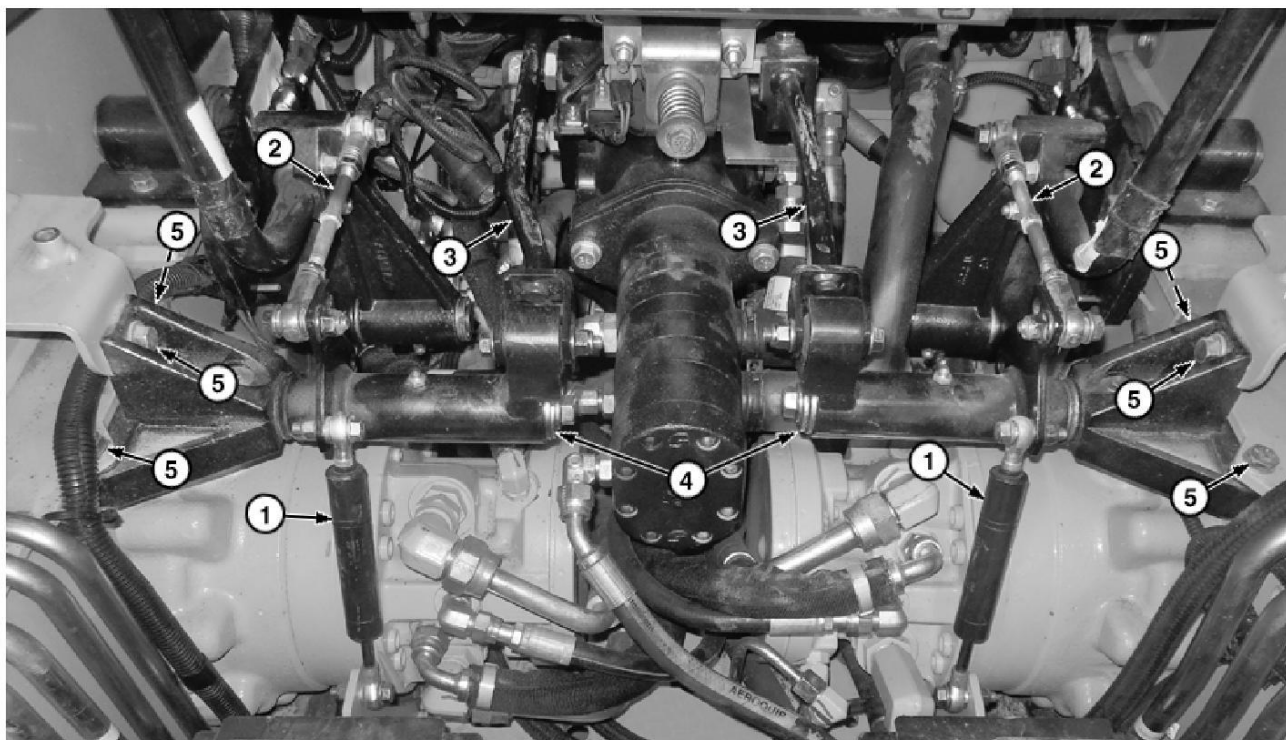
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Steering Cross Shaft Assembly Remove and Install



1.

TX1151191A-UN: Steering Cross Shaft (non-high flow)



TX1151027A-UN: Steering Cross Shaft (high flow)

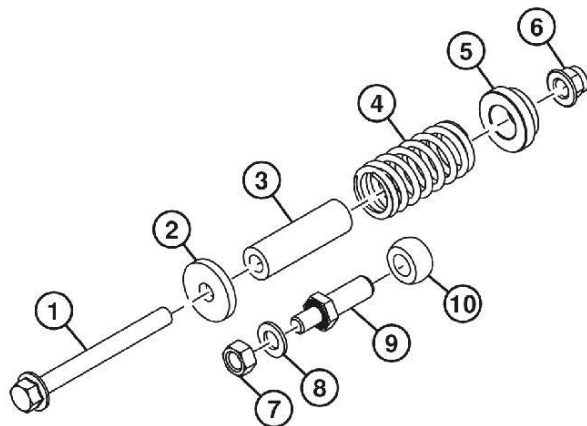
LEGEND:**1-Steering Damper (2 used)****2-Link Rod (2 used)****3-Control Rod (2 used)****4-Steering Cross Shaft****5-Cap Screw (4 used for non-high flow, 6 used for high flow)**

Remove front attachment and park machine on flat, level surface.

2. Raise operator's station. See Raising Operator's Station - document OMT396972X19 - (Operators Manual.)
3. Remove footwell. See Footwell Removal - document OMT396972X19 - (Operators Manual.)
4. Disconnect steering dampers (1), link rods (2), and control rods (3) from steering cross shaft (4).
5. Remove cap screws (5).

Centering Plate Inspection

1. Remove centering plate. [See Centering Plate Remove and Install.](#) (Group 0315.)



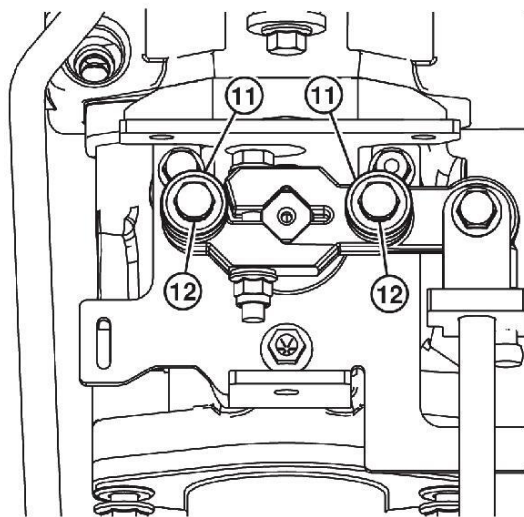
2. TX1068584-UN: Spring Bolt Assembly and Guide Pin

LEGEND:

- 1-Cap Screw (2 used)**
- 2-Washer (2 used)**
- 3-Spacer (2 used)**
- 4-Spring (2 used)**
- 5-Bushing (2 used)**
- 6-Nut (2 used)**
- 7-Nut (4 used)**
- 8-Washer (4 used)**
- 9-Guide Pin (4 used)**
- 10-Bushing (4 used)**

Inspect spring bolt bushings (5) and spacers (3) for wear or breakage. Replace if required.

3. Inspect guide pins (9) and bushings (10) for wear. Replace if required.



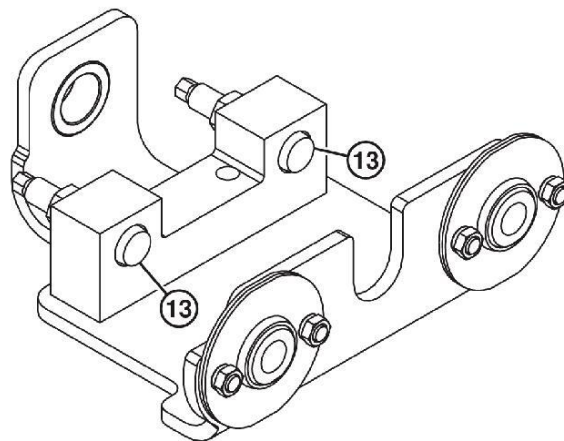
4. TX1148145-UN: Pump Control Lever Bearings

LEGEND:

- 11-Hydrostatic Pump Lever Bearing (2 used)**
- 12-Cap Screw (2 used)**

Inspect hydrostatic pump lever bearings (11) for excessive play. If replacement is necessary, apply PM37477 Thread Lock and Sealer (medium strength) to cap screws (12) and torque to specification.

Item	Measurement	Specification
Pump Control Lever Bearing Retaining Cap Screw	Torque	75 N·m 55 lb·ft



5. TX1068588-UN: Centering Screw Bearing Surface

LEGEND:

- 13-Centering Screw Bearing Surface (2 used)**

Inspect centering screw bearing surfaces (13). Surfaces should be smooth and free of deep scratches or wear. Replace as necessary.

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