

# John Deere 700J-II (SN. From D306726) Crawler Dozer Repair Technical Service Manual (TM14225X19)

**700J-II Crawler Dozer  
Repair**  
(PIN: 1T0700JJ\_ \_D306726—)



JOHN HARE



COLLECTION

## REPAIR TECHNICAL MANUAL 700J-II Crawler Dozer (PIN: 1T0700JJ\_ \_D306726—)

TM14225X19 01DEC18 (ENGLISH)

For complete service information also see:

700J-II Crawler Dozer Operation and Test.....	TM14224X19
Hydraulic Cylinders.....	ctm120519



Worldwide Construction and  
Forestry Division

**Covers:** 700J-II,1T0700JJ\_ \_D306726(???)

**Type:** Service Manual

**Language:** English

**Pages:** 341

**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 700J-II (SN. From D306726) Crawler Dozer Repair Technical Service Manual (TM14225X19)**

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.

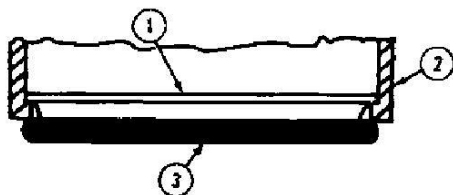
**Contents:**

- General Information
- Specifications
- Serial Number Location
- Engine Specifications
- Engine Diagnostics
- Engine Tests and Adjustments
- Engine Repair
- Power Train
- Transmission
- Axles
- Differential
- PTO
- Hydraulic System
- 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...

Please note this manual is in **downloadable PDF format only**. If you have any questions about this product or would like to request sample pages, please contact us and reference the product name or SKU.

## 13. NOTE:

A volatile, non-petroleum base solvent or talcum powder may be used as a lubricant. Solvent **MUST NOT** damage the O-rings or leave an oil residue.



T6077AV-UN: Seal Installation Tool

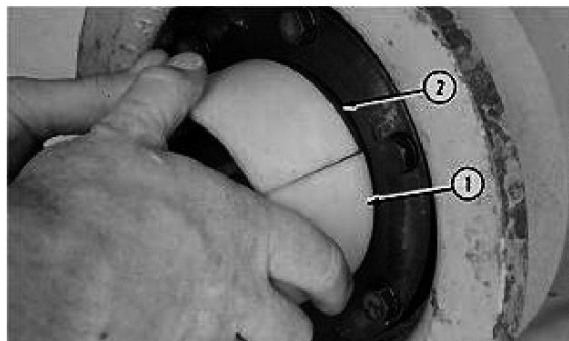
**LEGEND:**

**1-Seal Ring Flange**

**2-JDG204 Seal Installation Tool**

**3-O-Ring**

Install seal assembly in the JDG204 Seal Installation Tool (2) so tool lip is between seal ring flange (1) and O-ring (3).



## 14. T80577-UN: Bore Tool

**LEGEND:**

**1-JDG204 Seal Installation Tool**

**2-O-Ring**

Push seal ring and O-ring into bore using tool (1). After O-ring (2) is pushed past retainer lip, turn tool clockwise and counterclockwise to seat O-ring uniformly. Install seal rings and O-rings in the outer and inner collars using the same procedure.

15. Check to make sure seal ring is sitting squarely in bore. Make sure rubber seal is seated uniformly in seal bore below the retainer lip.

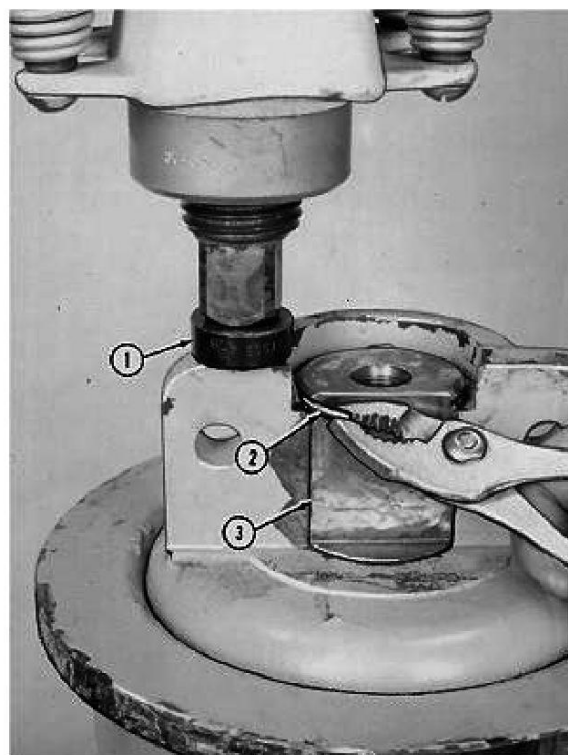


## 16. T80578-UN: Metal Seal Rings

Wipe metal seal rings dry with a lint free tissue.

17. Apply a thin film of oil, as used in the roller, to the shiny sealing area on metal seal rings.

18. Be sure the rubber seals are free of oil.



## 19. T80426-UN: Installing Outer Collar on Press

**LEGEND:**

**1-35 mm Disk**

**2-Snap Ring**

**3-Shaft**

Install outer collar.

20. Compress metal face seals slightly using a 35 mm disk (1) and press.
21. Install snap ring (2) on shaft (3).
22. Remove roller from press. Install inner collar and snap ring using same procedure.



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