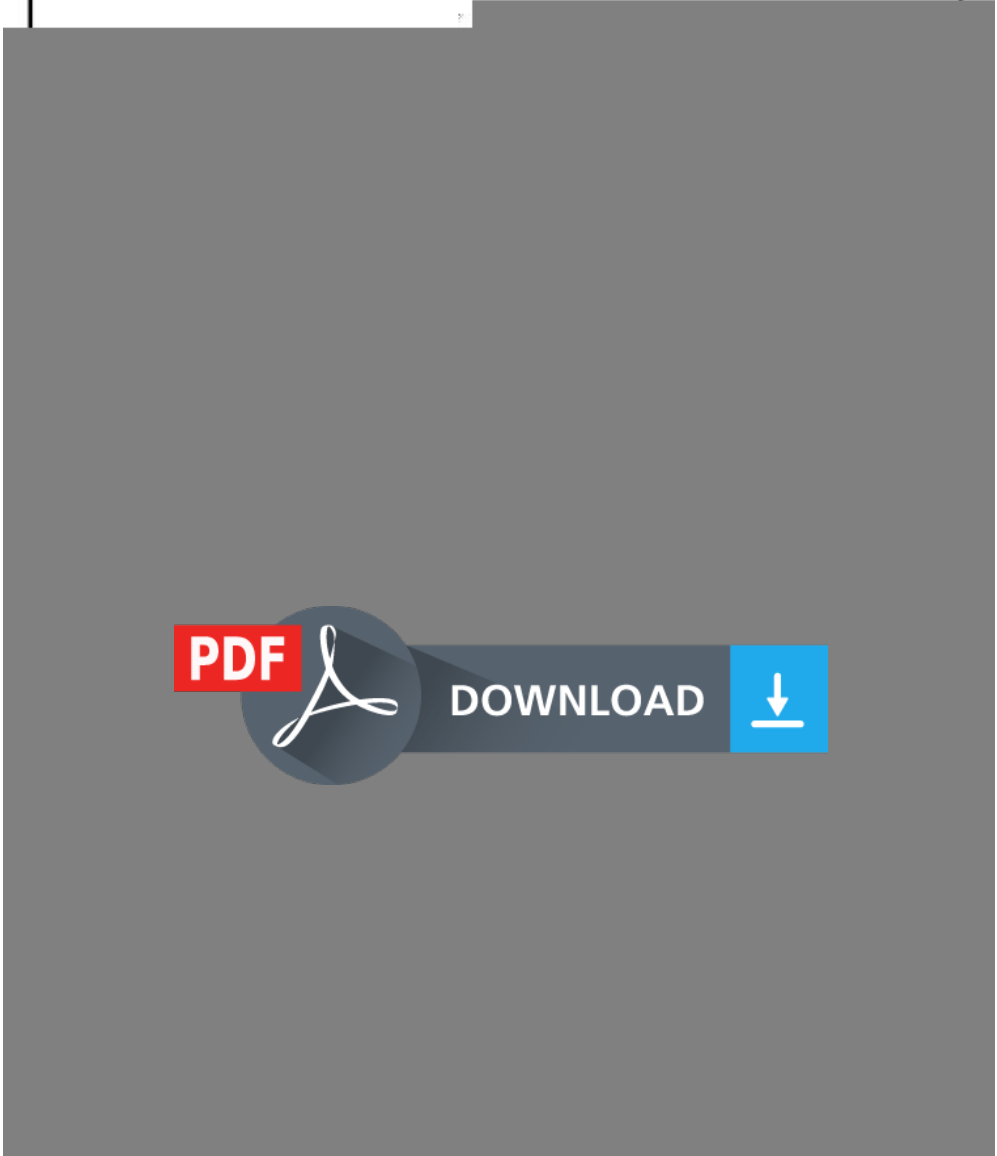


# John Deere 17G (SN.from K225001) Compact Excavator Diagnostic and Test Service Manual (TM13325X19)

329D and 333D Skid Steer Loader (Manual Controls) Diagnostic



**PDF**  **DOWNLOAD** 

**Type:** Service Manual

**Language:** English

**Pages:** 301

**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 17G (SN.from K225001) Compact Excavator Diagnostic and Test Service Manual (TM13325X19)**

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.

## Install Clutches, Input and Output Shafts

[1] -

**IMPORTANT:**

*High tolerance bearings are used in all clutch pack applications. Use only John Deere sourced bearings when replacing.*

**→NOTE:**

*If bearings are reused, they must be assembled in same bores.*



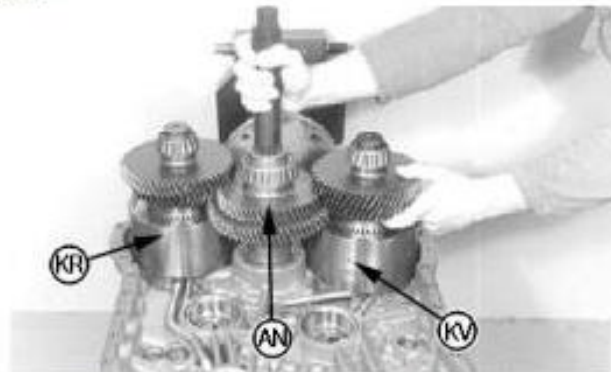
**LEGEND:**

AB	Bearing Outer Race
AN	Bearing Outer Race
K1	Bearing Outer Race
K2	Bearing Outer Race
K3	Bearing Outer Race
K4	Bearing Outer Race
KR	Bearing Outer Race
KV	Bearing Outer Race

**Insert all Bearing Outer Races**

Install all bearing outer races into the housing cover until contact is obtained.

[2] -



**LEGEND:**

AN	Clutch
KR	Clutch
KV	Input Shaft and Clutch

**Clutch KR, Input Shaft and Clutch KV**

Install clutch-KR, input shaft and clutch-KV into the housing cover.

[3] -



**LEGEND:**

K4	Clutch
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**Install Clutch K4**

## Assemble Clutch Pack K4



### Heat Gear and Install

**→NOTE:**

**Gear is very tight press fit. Shaft or gear may be damaged if pressed apart.**

Cool shaft to -80°C (-112°F). Heat gear to 120°C (250°F) and install it until bottomed.



### Install Snap Ring

Install snap ring to retain gear.



### Install stud on end of shaft

Apply thread lock and sealer (medium strength) to stud.

Number	Name	Use
<ul style="list-style-type: none"> <li>• T43512 (us)</li> <li>• TY9473 (canadian)</li> <li>• 242 LOCTITE™ (loctite)</li> </ul>	Thread Lock and Sealer (Medium Strength)	Apply to threads of clutch shaft studs.

Install stud on end of shaft.

Tighten to specification.

Item	Measurement	Specification
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**Clutch Pack:**



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