

# John Deere 624K 4WD Loader (SN.000001-001000) Diagnostic, Operation&Test Service Manual (TM13210X19)

## 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.

**CAUTION:** This is the safety-alert symbol. When you see this symbol on the machine or in this manual, be alert to the potential for personal injury.

Technical manuals are divided in two parts: repair and diagnostics. Repair sections tell how to repair the components. Diagnostic sections help you 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.

Binders, binder labels, and tab sets can be ordered by John Deere dealers direct from the John Deere Distribution Service Center.

This manual is part of a total product support program.

### FOS MANUALS—REFERENCE

### TECHNICAL MANUALS—MACHINE SERVICE

### COMPONENT MANUALS—COMPONENT SERVICE

Fundamentals of Service (FOS) Manuals cover basic theory of operation, fundamentals of troubleshooting, general maintenance, and basic type of failures and their causes. FOS Manuals are for training new personnel and for reference by experienced technicians.

Technical Manuals are concise guides for specific machines. Technical manuals are on-the-job guides containing only the vital information needed for diagnosis, analysis, testing, and repair.

Component Technical Manuals are concise service guides for specific components. Component technical manuals are written as stand-alone manuals covering multiple machine applications.



UN-24JUL89  
E33396

EX.TM1474.IFC -15-26APR93

TM1474 (15JAN02)

1600 Mower-Conditioner  
150102  
PN#3

**Covers:** 624K,1BZ624K\*\*\*C000001-001000;;1BZ624K\*\*\*D000001-001000

**Type:** Service Manual

**Language:** English

**Pages:** 1295

**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 624K 4WD Loader (SN.000001-001000) Diagnostic, Operation&Test Service Manual (TM13210X19)**

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:**

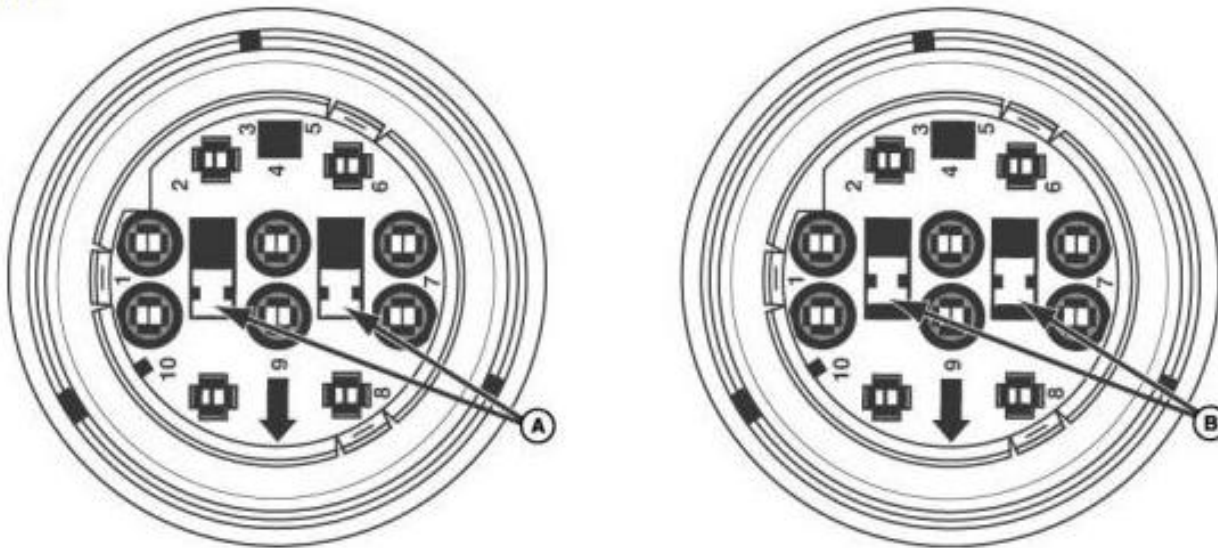
- General Information
- Specifications
- Serial Number Location
- Engine Specifications
- Engine Diagnostics
- Engine Tests and Adjustments
- Engine Repair
- Power Train
- Transmission
- Axles
- Differential
- PTO
- Hydraulic System
- Electrical System
- Electrical Tests and Diagnostics
- Wiring Diagram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

## Repair Procedure R-AG

### Remove Contact From Connector Body

[1] -



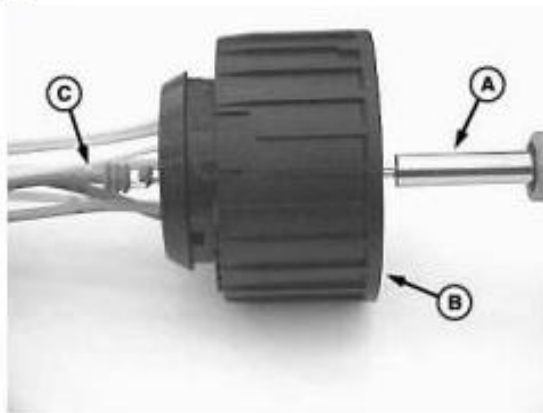
#### Connector

##### LEGEND:

A Locked Position  
B Unlocked Position

Using a pick or small screwdriver, push internal secondary lock upward until unlocked position (B) is achieved.

[2] -

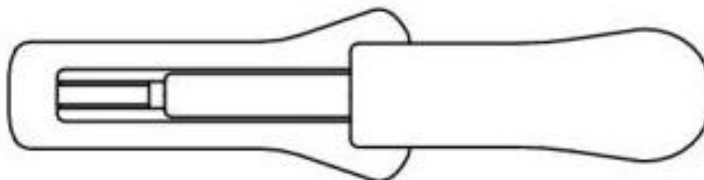


##### LEGEND:

A JDG10205 Terminal Extraction Tool  
B Housing  
C Wire

#### Connector

From terminal end of connector, insert JDG10205 Terminal Extraction Tool  
Extraction Tool  
JDG10205



#### JDG10205

To remove terminals from connector body.  
(A) into housing (B) of terminal to be repaired.



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