

# John Deere Combines 1450, 1550, 1450CWS, 1550CWS, 1450WTS, 1550WTS Service Repair Manual (tm8121)

XUV825E, XUV825M,  
XUV825M S4 Gator™  
Utility Vehicles  
(SN. 010001-)



JOHN HARE



COLLECTION

TECHNICAL MANUAL

XUV825E, XUV825M, XUV825M S4 Gator™ Utility  
Vehicles (SN. 010001-)

TM150019 01DEC18 (ENGLISH)



John Deere Horicon Works

**Covers:** 054551);,1450,1550,1450,1550,1450,1550

**Type:** Service Manual

**Language:** English

**Pages:** 696

**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 Combines 1450, 1550, 1450CWS, 1550CWS, 1450WTS, 1550WTS Service Repair Manual (tm8121)**

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.

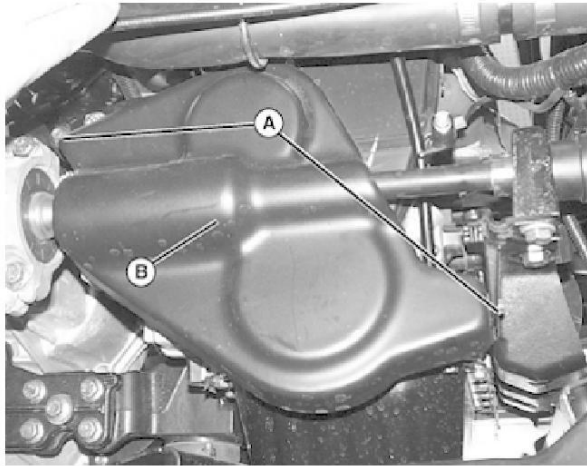
**Contents:**

- General Information
- Specifications
- Serial Number Location
- Engine Specifications
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- Power Train
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- 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.

## Remove and Install Engine

### Removal



LVAL22458-UN: Alternator and Water Pump Belt Cover

**LEGEND:**

**A-Bolts (2 Used)**

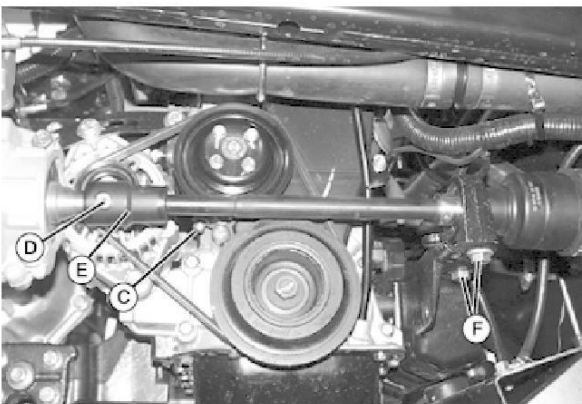
**B-Alternator and Water Pump Belt Cover**



**CAUTION:**

Avoid Injury! USE CAUTION AROUND MOVING PARTS. STOP engine. Remove ignition key. Wait for all moving parts to STOP.

1. Park vehicle safely.
2. Remove cargo box.
3. Disconnect negative (—) cable from the battery.
4. Remove two bolts (A). Remove alternator and water pump belt cover (B).



LVAL22459-UN: Coolant Drain Plug

**LEGEND:**

**C-Drain Plug**

**D-Cap Screw**

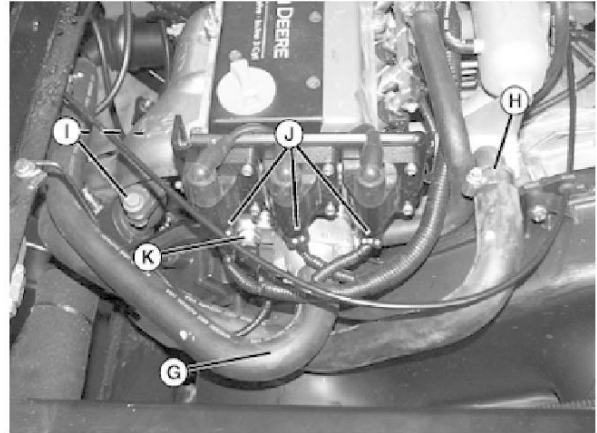
**E-Coupling**

**F-Bolts (2 Used)**

Place a coolant drain pan under engine. Loosen radiator cap and remove plug (C) from water pump to drain coolant from engine.

6. Remove drive shaft retaining cap screw (D) and slide end coupling (E) forward to disconnect from transmission.

7. Remove bolts (F) from driveshaft bearing.



8. LVAL22460-UN: Connections at Front of Engine

**LEGEND:**

**G-Coolant Hose**

**H-Coolant Hose**

**I-Bolt and Nut (2 Used)**

**J-Ignition Coil (3 Used)**

**K-Coolant temperature Sensor**

Disconnect two coolant hoses (G) and (H).

9. Remove two bolts and nuts (I) securing the exhaust pipe to the exhaust manifold.
10. Mark and disconnect connectors to ignition coils (J).
11. Disconnect coolant temperature sensor (K).



12. **CAUTION:**

Avoid Injury! Gasoline is flammable. DO NOT SMOKE. Always work in a well-ventilated area away from open flame or spark-producing equipment, including equipment that utilizes pilot lights.



LVAL22461-UN: Hoses

**LEGEND:**

**L-Fuel Hose Connector**

**M-Hose**

Disconnect fuel hose at connector (L). Plug end of fuel hose.

13. Disconnect hose (M) from valve cover.



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