

# John Deere X700, X720, X724, X728, X729 Lawn Tractors Ultimate Select Series Technical Manual (tm2349)

Select Series X700, X720,  
X724, X728, and X729  
Tractors Diagnostic and  
Repair



## TECHNICAL MANUAL

North American Ultimate L and G models X700, X720, X724, X728, X729

TM2349 17 AUG 10 (ENGLISH)



John Deere Commercial and Consumer Equipment Lawn and Garden  
Printed by Belgroen



**Covers:** X700,X720,X724,X728,X729

**Type:** Service Manual

**Language:** English

**Pages:** 737

**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 X700, X720, X724, X728, X729 Lawn Tractors Ultimate Select Series Technical Manual (tm2349)**

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.

## Intake Manifold Removal and Installation (FD750D)

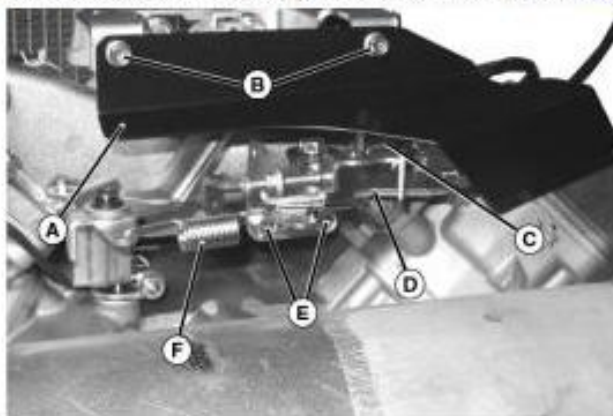
### Removing:



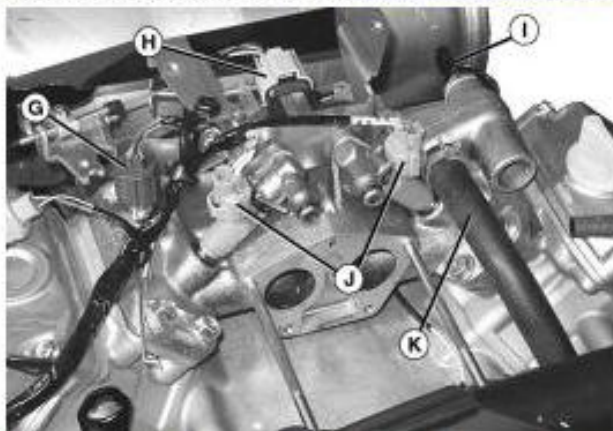
#### CAUTION:

**Release of fluids from pressurized fuel system can cause serious injuries. Relieve fuel system pressure before servicing.**

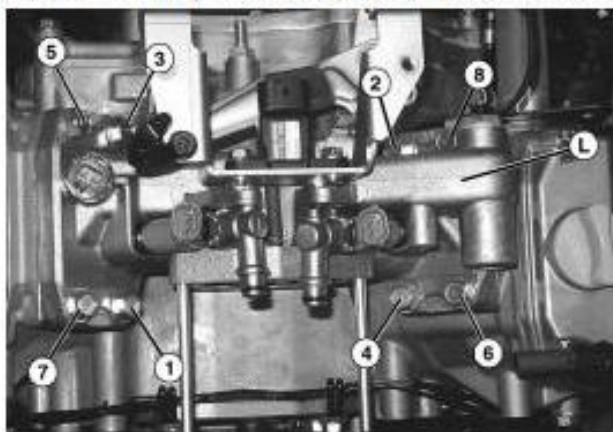
1. Remove air cleaner assembly. [See Air Cleaner Removal, Inspection and Installation.](#)
2. Drain the coolant in the engine, and remove radiator. [See Radiator Removal and Installation.](#)



3. Remove two cap screws (B) and bracket (A).
4. Remove two cap screws (E) securing control panel.
5. Clear the throttle link rod end (C) from the choke lever.
6. Remove the control panel assembly (D), while unhooking the governor spring (F) end loop at the panel bracket.
7. Remove throttle body assembly. [See Throttle Body Removal and Installation - 25 HP \(FD711D\).](#)



8. Disconnect fuel injector leads (J), water temperature lead (G), vacuum sensor lead (H), and thermo switch lead (I).



- 9.



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to get more information.