

John Deere 315SJ Side Shift Loader (SN:-BE315SJ300868) Diagnostic, Operation & Test Manual (TM10227)



Covers: 315SJ,BE315SJ300868)

Type: Service Manual

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This service manual contains important information for the maintenance, troubleshooting and servicing of the **John Deere 315SJ Side Shift Loader (SN:-BE315SJ300868) Diagnostic, Operation & Test Manual (TM10227)**

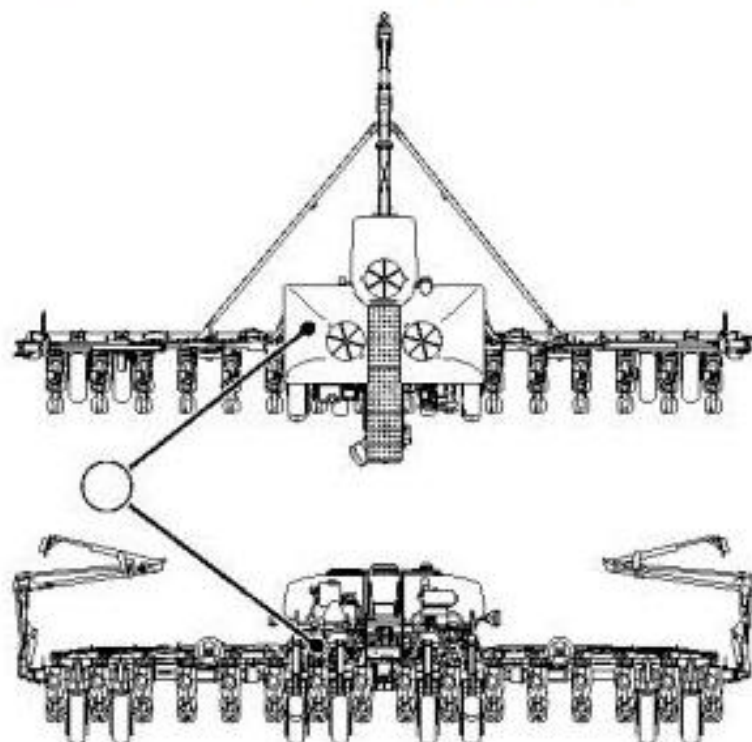
In this manual you will find detailed specifications, illustrations, schematics, diagrams and step-by-step procedures to properly service and diagnose the machine to the manufacturer's standards.

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.

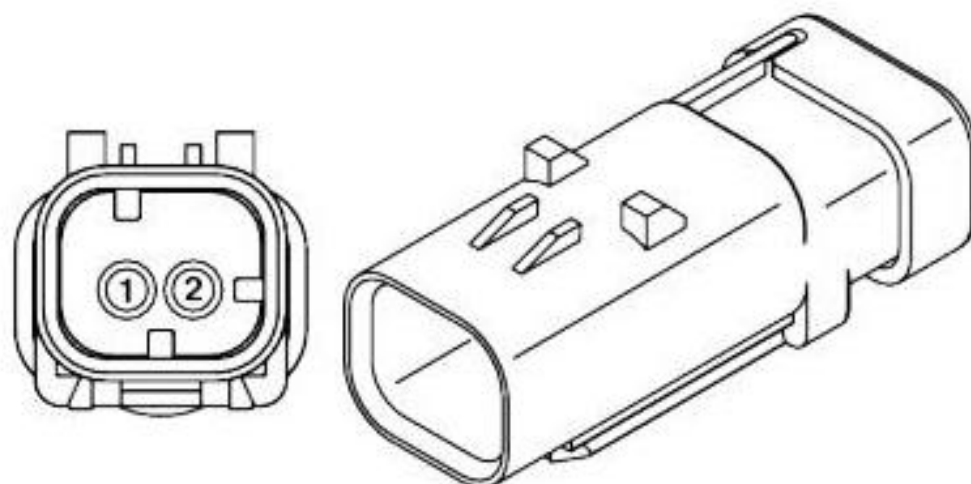
XA18 — Right CAN Bus Primary Terminator Connector



Location Art



Machine Graphic



End View

Row Cleaners Pneumatic Diagnostic

Row Cleaners Pneumatic Problem

1 Procedure 1

Action:

→NOTE:

If a trouble code is present, complete diagnostic check in Section 211—Diagnostic Trouble Codes before conducting the following checks. If no codes are present, complete checks in Section 212—Observable Symptoms.

Inspect planter pneumatics for the following:

- Components or hoses with air leaks.
- Damaged or contaminated relief valve.
- Damaged or kinked hoses.
- Loose connections.
- Verify that [F70 — Compressor Inlet Filter](#) is clean.
- Verify [V70-1 — Tank Condensate Drain](#) is closed.

Does planter pass inspection?

Result:

YES:GO TO **2**

NO:Make appropriate connections and repairs.GO TO **2**

2 Procedure 2

Action:

Key Switch OFF.

Disconnect all pneumatic solenoid valve connectors from harnesses.

Monitor [B70-2 — Tank Pressure Gauge](#).

If pressure is above 110 psi, open [V70-1 — Tank Condensate Drain](#) until pressure on gauge is below 110 psi.

Start tractor and activate power beyond hydraulic pressure.

Does compressor turn on when pressure is below 110 psi and run until pressure reaches 150 psi?

Result:

YES:GO TO **3**

NO:GO TO **4**

3 Procedure 3

Action:

Indicates that tank side of pneumatic system is operating correctly.

Reconnect all pneumatic solenoid valve connectors to harnesses.

Is there a pneumatic problem?

- Cannot increase row cleaner air spring - down pressure. - YES - GO TO **10**
- Cannot decrease row cleaner air spring - down pressure. - YES - GO TO **13**
- Cannot increase row cleaner air spring - up pressure. - YES - GO TO **14**
- Cannot decrease row cleaner air spring - up pressure. - YES - GO TO **17**



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for your reading.
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to get more information.