

# John Deere 643L (SN. F666898-) Wheeled Feller Buncher Service Repair Technical Manual (TM13126X19)



Covers: 643L,1DW643L\*\*\*F666898(???)

**Type:** Service Manual

**Language:** English

**Pages:** 375

**Format:** PDF

**Features:** Bookmarked, searchable, printable

**Compatibility:** Windows/Mac/Tablet/Mobile

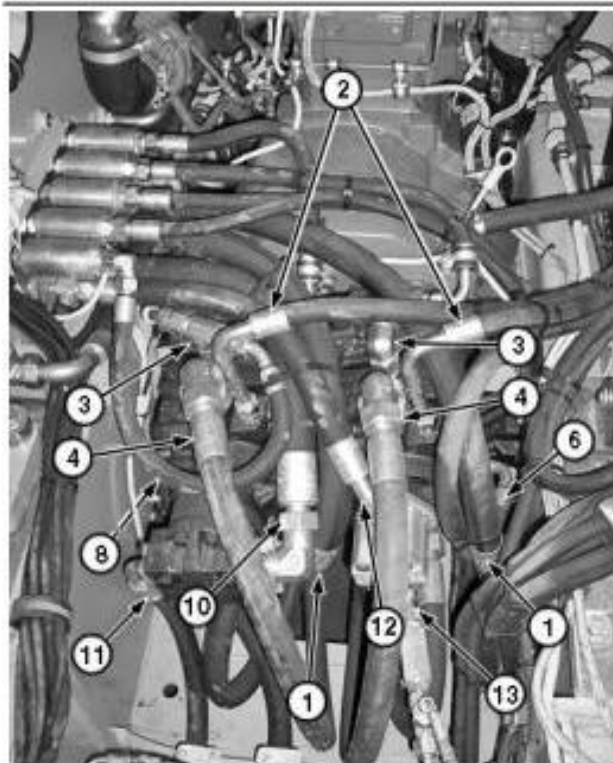
This service manual contains important information for the maintenance, troubleshooting and servicing of the **John Deere 643L (SN. F666898-) Wheeled Feller Buncher Service Repair Technical Manual (TM13126X19)**

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.

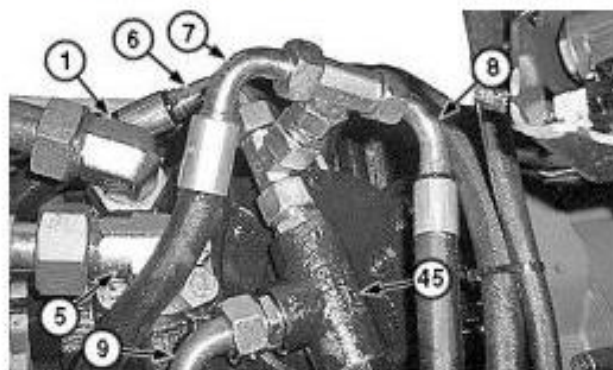
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Please note this manual is in **downloadable PDF format only**. If you have any questions about this product or would like to request sample pages, please contact us and reference the product name or SKU.

**LEGEND:**

- 1 Hydraulic Reservoir-To-Charge Pump (S, suction)
- 2 Charge Pump (P, pressure)-To-Charge Oil Filter
- 3 Hydrostatic Pump (L1, case drain, top of pumps)-To-Hydraulic Reservoir
- 4 Hydrostatic Closed Loop (B, on top of pumps)
- 5 Hydrostatic Closed Loop (A, on bottom of pumps)
- 6 Charge Oil Filter-To-Tee at Neutral Charge Relief Valve
- 7 Tee at Neutral Charge Relief Valve-To-Left Hydrostatic Pump Control Valve (M3)
- 8 Tee at Neutral Charge Relief Valve-To-Right Hydrostatic Pump Control Valve (M3)
- 9 Neutral Charge Relief Valve-To-Hydrostatic Pump (L2, lubrication, bottom of right pump)
- 10 Hydraulic Reservoir-To-Main Hydraulic Pump (suction)
- 11 Main Hydraulic Pump-To-Hydraulic Valve Pressure-Inlet Port (P)
- 12 Hydraulic Reservoir-To-Fan Pump (suction)
- 13 Fan Pump-To-Fan Motor Pressure-Inlet Port (P)
- 45 Neutral Charge Relief Valve

**Top View of Hydrostatic Pump****Bottom View of Hydrostatic Pump**

Connect hoses (1—13) as marked during disassembly.

**[21]** - Connect surrounding hydraulic hoses as marked during disassembly.

Route harnesses to original locations and install tie bands.

**[22]** - Fill hydraulic reservoir [See Change Transmission/Hydraulic System Oil](#). (Operator's Manual.)

**[23]** - Lower cab or canopy to normal operating position. [See Tilt Cab/Canopy \(ROPS\)](#). (Operator's Manual.)

**[24]** - Install middle bottom guard. [See Bottom Guards Remove and Install](#). (Group 1746.)

**[25]** - Turn battery disconnect switch to ON.

**[26]** - Perform hydrostatic pump start-up procedure. [See Hydrostatic Pump and Motor Initial Start-Up Procedure](#). (Group 9026-25.)



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