

John Deere 2454D Log Loader Service Repair Technical Manual (TM10419)

9540, 9560, 9580, 9640, 9660 & 9680 CWS & WTS Combines Diagnostic

DIAGNOSIS AND TESTS MANUAL

Combines Models 9540, 9560, 9580, 9640, 9660, 9680

TM4698 08 APR 04 (ENGLISH)

For complete service information also see:

9540, 9560, 9580, 9640, 9660, 9680 WTS
and CWS Combines Repair TM4697

PowerTech 8.1 L Diesel Engines Base
Engine CTM86

PowerTech 8.1L Diesel Engines Level 9
Electronic Fuel System With Denso High
Pressure Common Rail CTM255

PowerTech 4.5 L and 6.8 L Diesel
Level 11 Electronic Fuel System
Denso HPCR CTM220

PowerTech 4.5 L and 6.8 L Diesel
Engines Level 4 Electronic Fuel System
With Bosch VP44 Pump CTM104

PowerTech 4.5L & 6.8L Diesel
Engines Level 1/Stage I, Tier 2/Stage II, Tier 3/Stage III, Tier 3/Stage IIA, Tier 3/Stage IIB, Tier 3/Stage IIIA, Tier 3/Stage IIIB, (Base
Engine) CTM104

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John Deere Agriculture

Type: Service Manual

Language: English

Pages: 443

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 2454D Log Loader Service Repair Technical Manual (TM10419)**

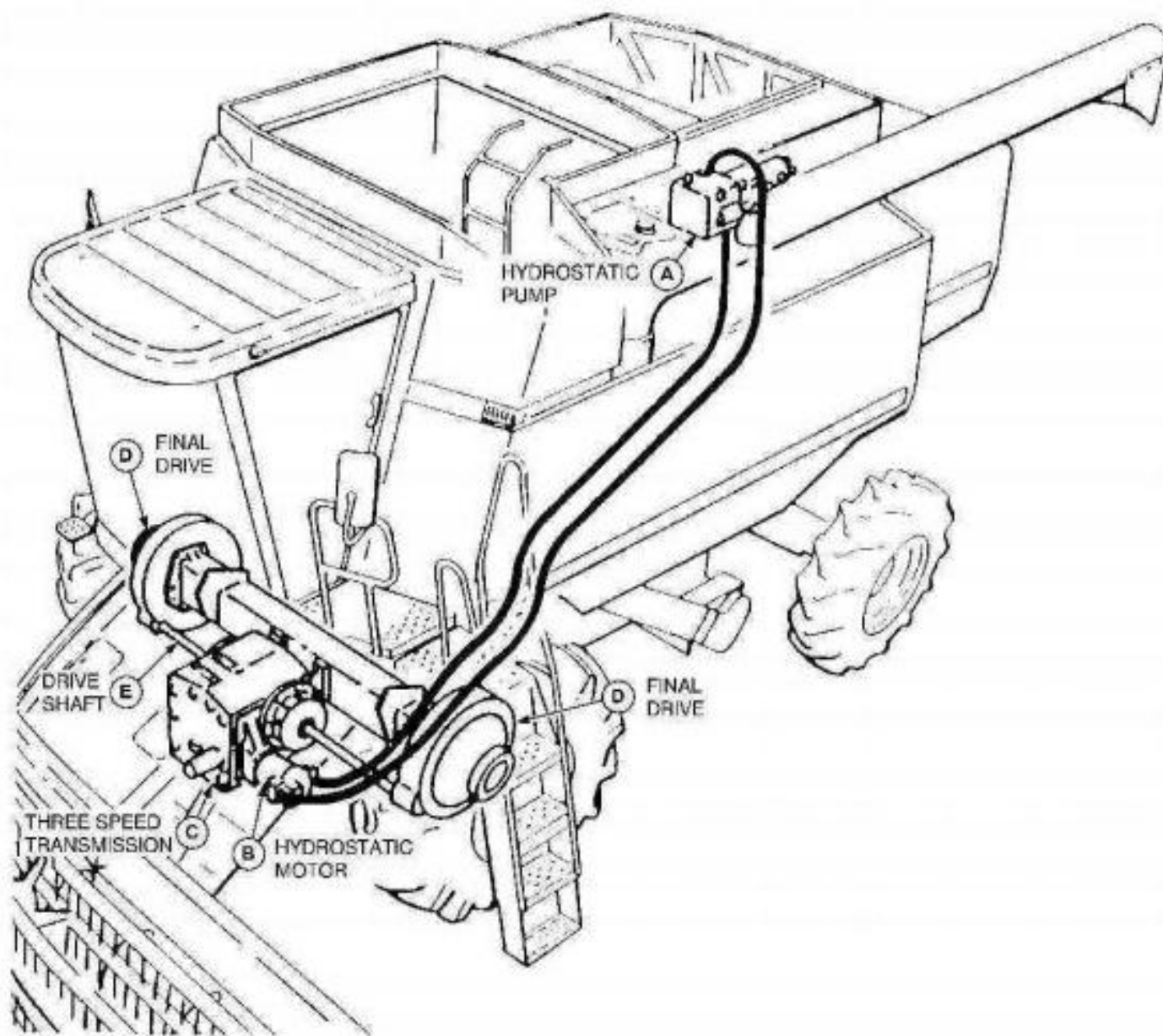
In this manual you will find detailed specifications, illustrations, schematics, diagrams and step-by-step procedures to properly service and diagnose the machine to the manufacturer's standards.

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.

Basic Operation



H48755

Basic Power Train Operation

LEGEND:

| | |
|---|--------------------------|
| A | Hydrostatic Pump |
| B | Hydrostatic Motor |
| C | Three Speed Transmission |
| D | Final Drive |
| E | Drive Shaft |

The power train contains a hydrostatic pump (A), hydrostatic motor (B), three speed transmission (C), and final drives (D). The hydrostatic pump is directly driven through the engine gearcase. The hydrostatic pump is variable displacement, controlled by the operator. The hydrostatic motor is fixed displacement.

As pump flow is increased, the motor output shaft increases speed, increasing ground speed. The three speed transmission contains shift collars on the input shaft, a differential, and brakes. A drive shaft (E) from each side of the transmission goes to the pinion shaft of the final drive.



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