

John Deere 9540, 9560, 9580, 9640, 9660, 9680 CWS & WTS Combines Diagnostic Service Manual (tm4698)

9650 CTS Combine Diagnosis and Tests

DIAGNOSIS AND TESTS MANUAL

Combines models 9650CTS

TM1822 02 NOV 14 (ENGLISH)

For complete service information also see:

Starfire Real Time Kinematic (RTK) Base Station Diagnosis and Tests	TM2820
9650 CTS Combine Repair	TM1821
GreenStar 00 & 10 Series Combine Yield Monitor & Mapping System	TM1728
PowerTech 8.1 L Diesel Engines Base Engine	CTM86
Alternators and OEM Engine Accessories	CTM77
Cam Lobe Motors	
PowerTech 6.8L and 8.1L Diesel Engines (Level 3 ECU Systems with Bosch In-Line	
PowerTech 4.5L & 6.8L Diesel Engines Tier 1/Stage I, Tier 2/Stage II, Tier 3/Stage IIIA, Tier 3/Stage IIA Tier 3/Stage III, (Base Engine)	CTM104

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John Deere Agriculture

Covers: 9540,9640,9580,9680,9660,9560

Type: Service Manual

Language: English

Pages: 3566

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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 9540, 9560, 9580, 9640, 9660, 9680 CWS & WTS Combines Diagnostic Service Manual (tm4698)**

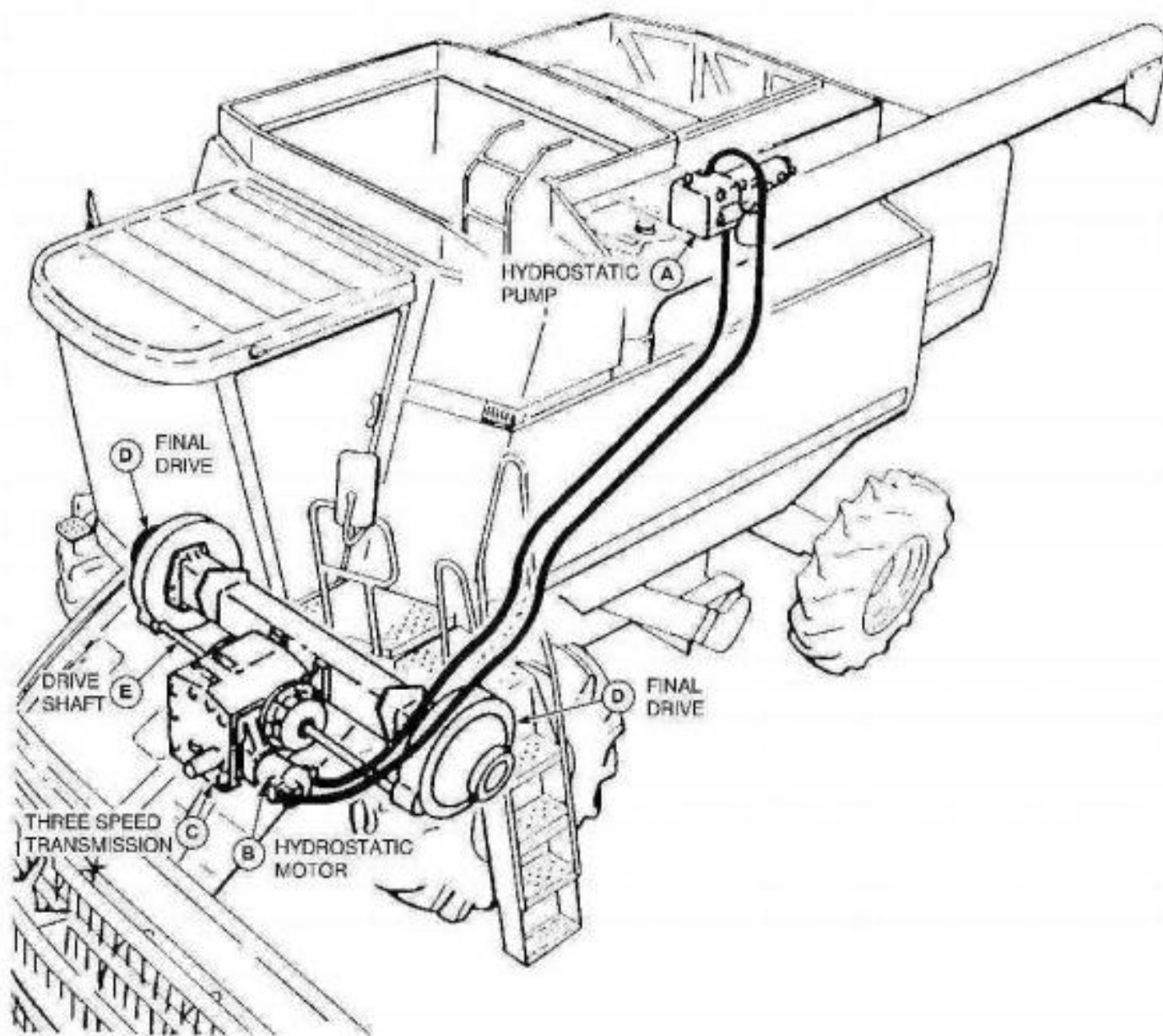
In this manual you will find detailed specifications, illustrations, schematics, diagrams and step-by-step procedures to properly service and diagnose the machine to the manufacturer's standards.

Contents:

- General Information
- Specifications
- Serial Number Location
- Engine Specifications
- Engine Diagnostics
- Engine Tests and Adjustments
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- Troubleshooting
- and much more...

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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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