

John Deere 76F, 85F and 100F Specialty Tractors Diagnostic and Repair Technical Manual (TM103319)

**76F, 85F and 100F
Tractors**

TECHNICAL MANUAL

Tractor models 100F, 76F, 85F

TM103319 06NOV09 (ENGLISH)



John Deere Agriculture

Covers: 100F,85F,76F

Type: Service Manual

Language: English

Pages: 1431

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 76F, 85F and 100F Specialty Tractors Diagnostic and Repair Technical Manual (TM103319)**

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.

Group 10 - Wheels

Summary of References—Wheels

[Tighten Bolts—Front Axle](#)

[Tighten Bolts—Rear Axle](#)

Specifications

Item	Measurement	Specification
Front Wheel Disk-to-Hub Bolts	Torque	167 N.m (124 lb-ft)
Rear Axle Disk-to-Flange	Torque	245 N·m (180 lb-ft)

Tighten Bolts—Front Axle



FH6257

LEGEND:

- A Front Wheel Rim-to-Disk Nut (4 used)
- B Front Wheel Disk-to-Hub Bolt (6 used)

Tighten Bolt

Tighten hardware in the following locations to specification:

Item	Measurement	Specification
Front Wheel Disk-to-Hub Bolts	Torque	167 N.m (124 lb-ft)

Tighten Bolts—Rear Axle



FH6258

LEGEND:

- A Rim-To-Disk Bolt (6 used)
- B Disk-To-Flange Bolt (8 used)

Steel Disk

Tighten bolts in the following locations to specifications:

Item	Measurement	Specification
Rear Axle Disk-to-Flange	Torque	245 N·m (180 lb-ft)



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for your reading.
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to get more information.