John Deere 7210R 7230R 7250R 7270R 7290R 7310R Tractor (SN.094000-) Repair Technical Manual TM146119

9450, 9550 and
9650 Combines
Repair

REPAIR TECHNICAL MANUAL

Combines 9450, 9550, 9650 (S.N. 000000-695100)

TM1801 07 AUG 00 (ENGLISH)

For complete service information also see:	
9450, 9550 and 9650 Combines Diagnosis	TM1802
PowerTech 8.1 L Diesel Engines Base Engine	CTM86
Alternators and Starting Motors	CTM77
Electronic Fuel Injection Systems	CTM68
OEM Engine Accessories	CTM67
PowerTech 6.8L and 8.1L, 606 Diesel Engines (I Systems with Bo	CTM134
PowerTech 4.5L & 6.8L 1/Stage I, Tier 2/Stage II, Tier 3/Stage IIA Tier 3/Sta Engine)	

PDF

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John Deere Agriculture

Covers: 094000�������):,7210R,7230R,7250R,7270R,7290R,7310R

Type: Service Manual

Language: English

Pages: 1225

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 7210R 7230R 7250R 7270R 7290R 7310R Tractor (SN.094000-) Repair Technical Manual TM146119**
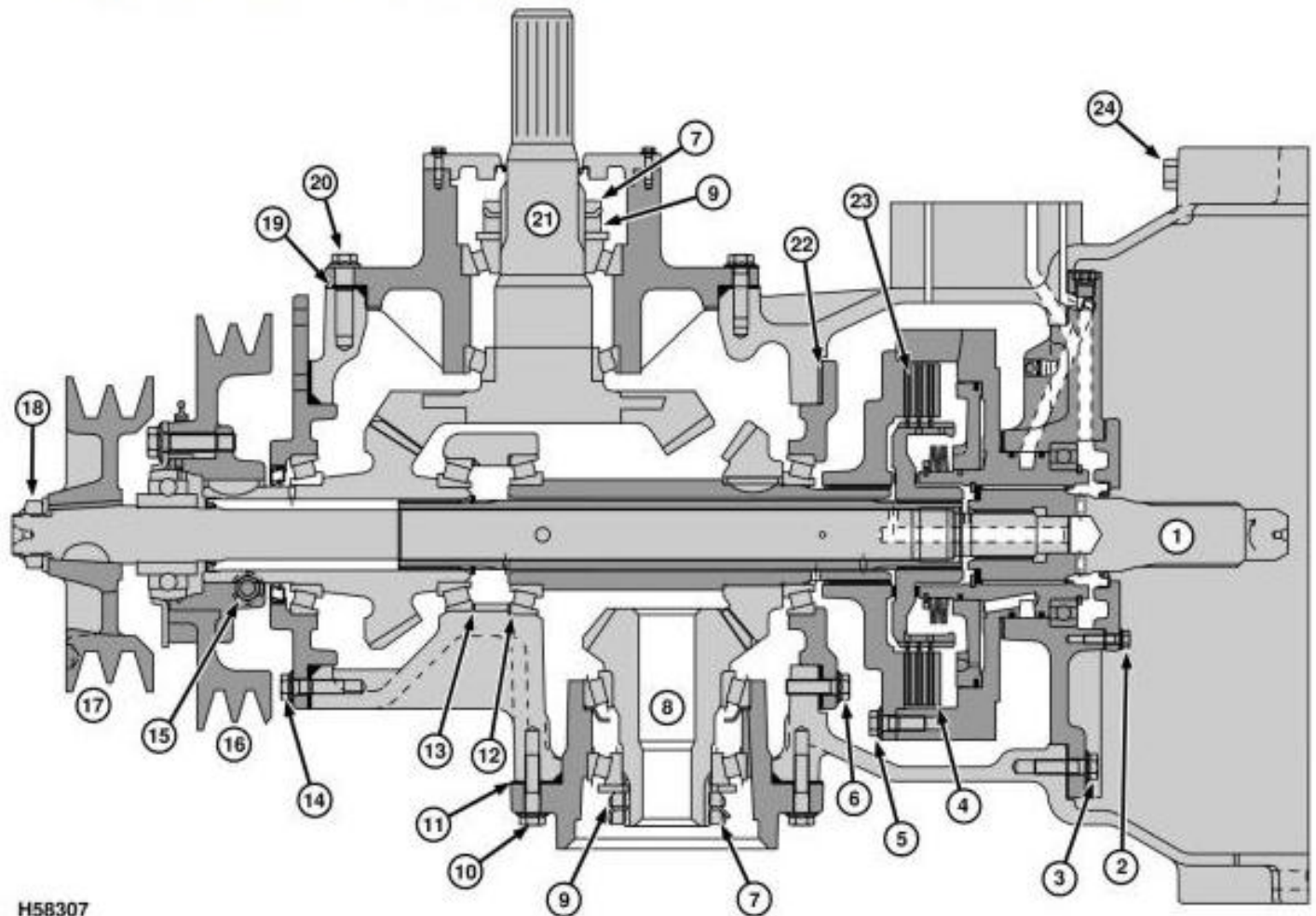
In this manual you will find detailed specifications, illustrations, schematics, diagrams and step-by-step procedures to properly service and diagnose the machine to the manufacturer's standards.

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.

Engine Gear Case Specifications

H58307

Engine Gear Case

LEGEND:

1	Power From Engine
2	15 N·m (144 lb-in.)
3	50 N·m (40 lb-ft)
4	Wet Clutch Disk (3 used)
5	75 N·m (55 lb-ft)
6	50 N·m (40 lb-ft)
7	70 N·m (50 lb-ft) with zero end play
8	Power to Pumps
9	0.38 mm (0.015 in.) end play + 1/4 turn to preload
10	50 N·m (40 lb-ft)
11	Shims-Gear Backlash
12	Shims-Gear Position
13	Shims-Gear Position
14	50 N·m (40 lb-ft)
15	75 N·m (55 lb-ft)
16	Straw Chopper Drive
17	Unloading Drive
18	340 N·m (250 lb-ft)
19	Shims-Gear Backlash
20	50 N·m (40 lb-ft)
21	Separator Drive
22	Shims-Preload Bearings
23	Wet Clutch Plate (3 used)
24	340 N·m (250 lb-ft)