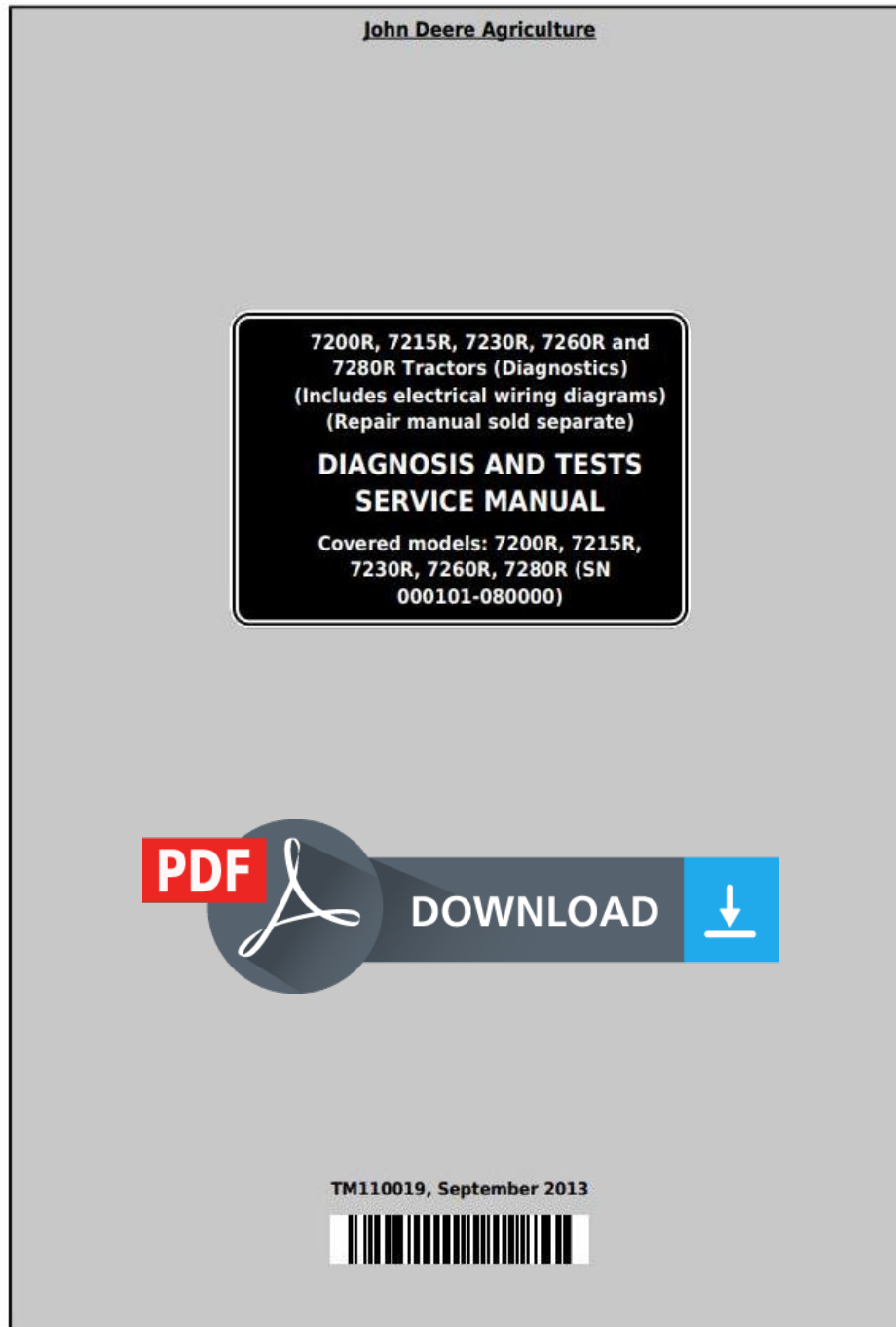


John Deere 724K 4WD Loader (SN.from C658297; D658297) Diagnostic & Test Service Manual (TM13117X19)



Covers: 724K,1DW724K***C658297-;,1DW724K***D658297-)

Type: Service Manual

Language: English

Pages: 1423

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 724K 4WD Loader (SN.from C658297; D658297) Diagnostic & Test Service Manual (TM13117X19)**

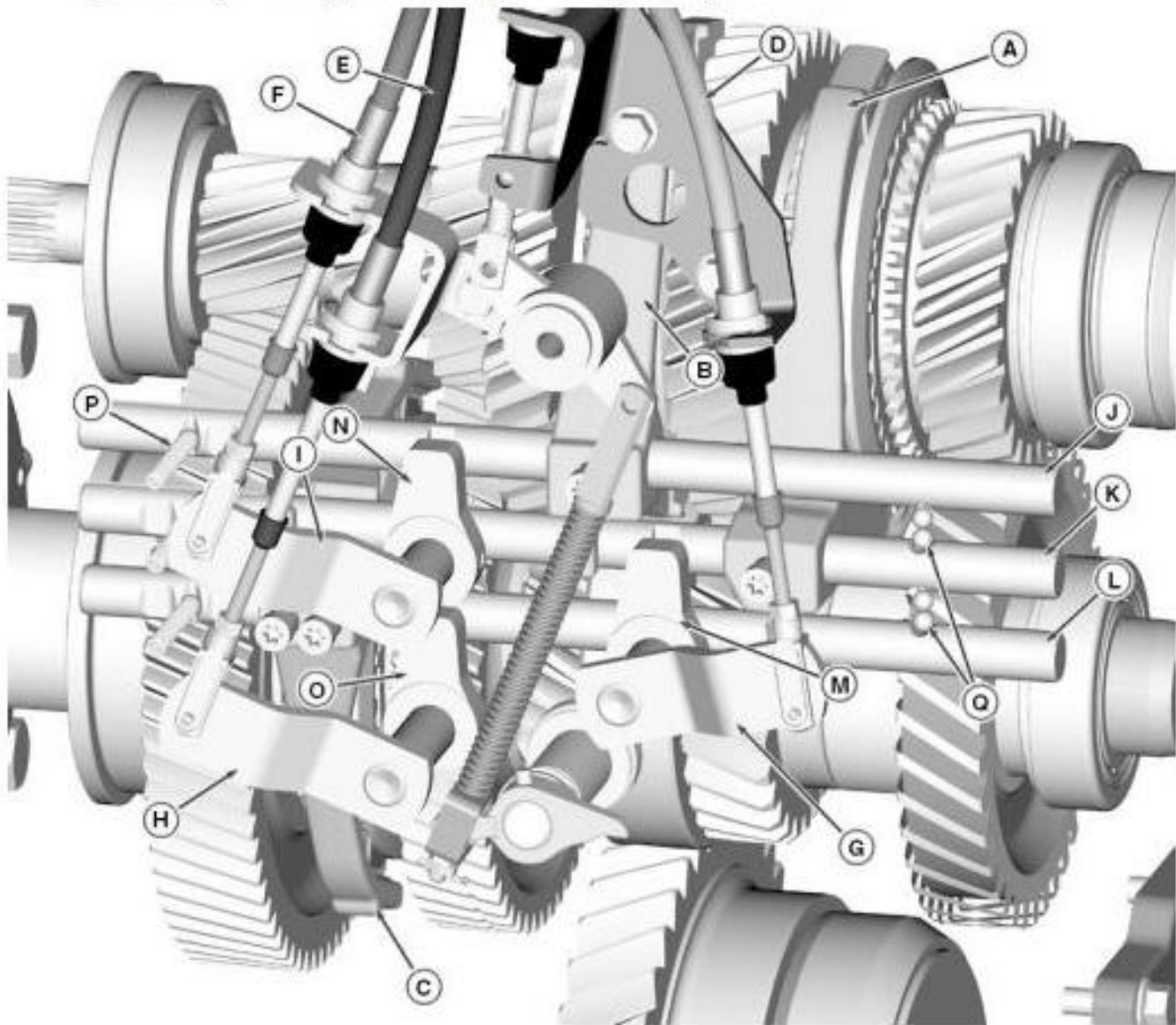
In this manual you will find detailed specifications, illustrations, schematics, diagrams and step-by-step procedures to properly service and diagnose the machine to the manufacturer's standards.

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.

PQ and AQ—Range Shifting Theory of Operation



Right Side of 40 km/h (24.8 mph) Range Box with Shift Cover and Range Box Housing Removed

LEGEND:

A	'C' and 'D' Range Synchronizer Shift Fork
B	'E' Range Synchronizer Shift Fork
C	'A' and 'B' Range Synchronizer Shift Fork
D	'C' and 'D' Range Shift Cable
E	'A' and 'B' Range Shift Cable
F	'E' Range Shift Cable
G	'C' and 'D' Range Shift Lever
H	'A' and 'B' Range Shift Lever
I	'E' Range Shift Lever
J	'E' Range Shift Rail
K	'C' and 'D' Range Shift Rail
L	'A' and 'B' Range Shift Rail
M	'C' and 'D' Range Shift Arm
N	'E' Range Shift Arm
O	'A' and 'B' Range Shift Arm
P	Shift Rail Detent Ball and Spring
Q	Shift Rail Interlock Balls

PowrQuad Plus™ and AutoQuad Plus™ transmissions use a range shift lever on the right-hand console to shift ranges with cables (D), (E), and (F). When a range is selected, the appropriate shift cable either pulls or pushes on shift lever (G), (H), or (I). Shift lever then rotates to move the shift rail and fork to engage the range gear. Clutch enable pressure must be zero



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