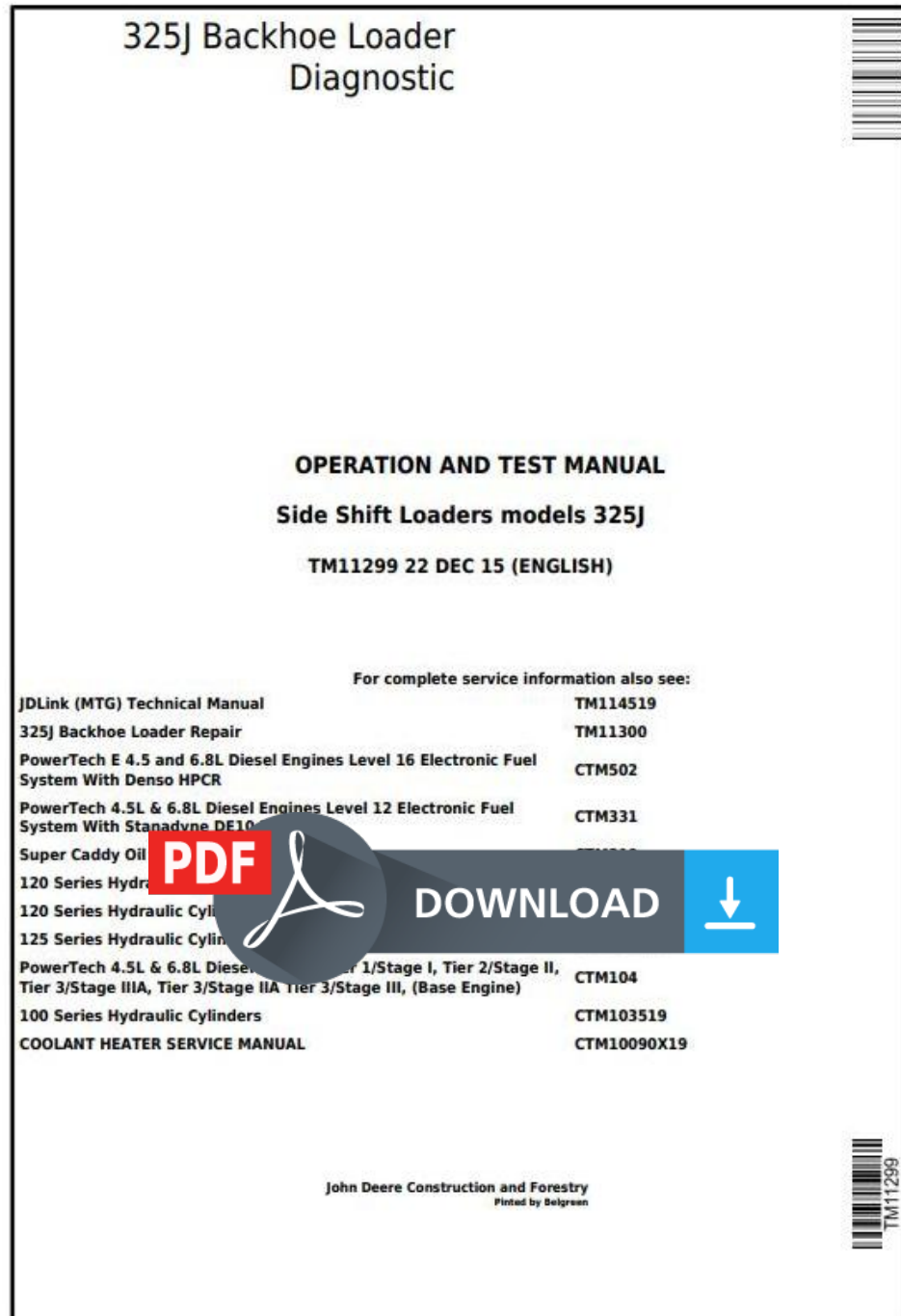


# John Deere 180GLC (PIN: 1F9180GX\_D020001-) Excavator Service Repair Technical Manual (TM13195X19)



**Type:** Service Manual

**Language:** English

**Pages:** 579

**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 180GLC (PIN: 1F9180GX\_D020001-) Excavator Service Repair Technical Manual (TM13195X19)**

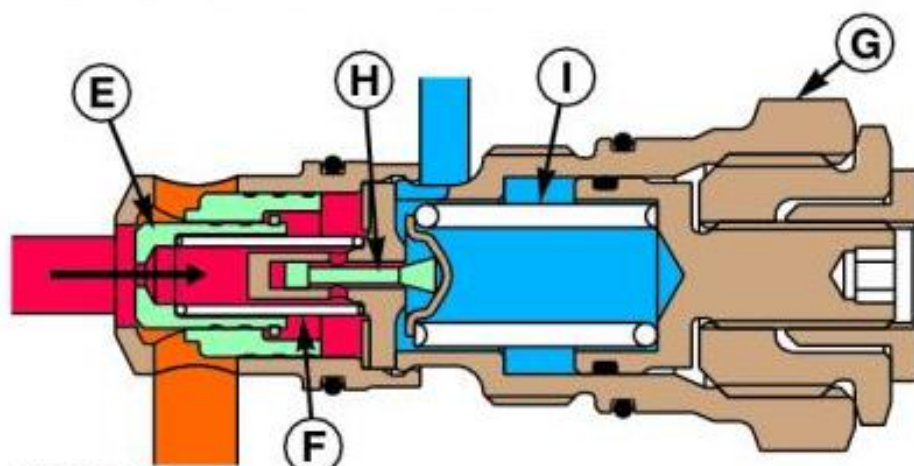
In this manual you will find detailed specifications, illustrations, schematics, diagrams and step-by-step procedures to properly service and diagnose the machine to the manufacturer's standards.

**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...

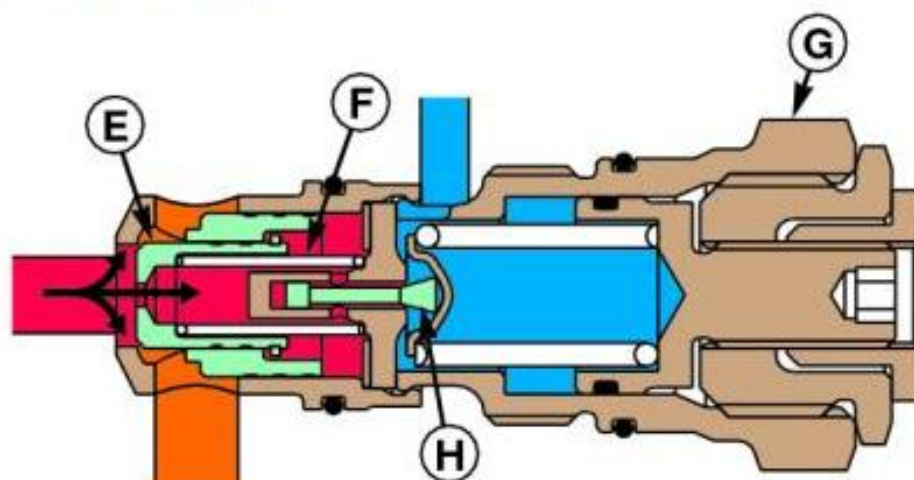
Please note this manual is in **downloadable PDF format only**. If you have any questions about this product or would like to request sample pages, please contact us and reference the product name or SKU.

## Multi-Function Valve Forward Operation

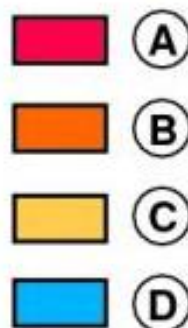


**N42193GB**

### Pressure Limiter Function



**N42193GA**



### High Pressure Relief Function

#### LEGEND:

A	High Pressure Oil
B	Charge Pressure Oil
C	Reduced Charge Pressure Oil
D	Return Oil
E	High Pressure Relief Poppet
F	Small Spring
G	Multi-Function Cartridge
H	Pressure Limiter Poppet
I	Large Spring

There are two multi-function valves used in each hydrostatic pump, one for each pressure port of the pump. The valves provide



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