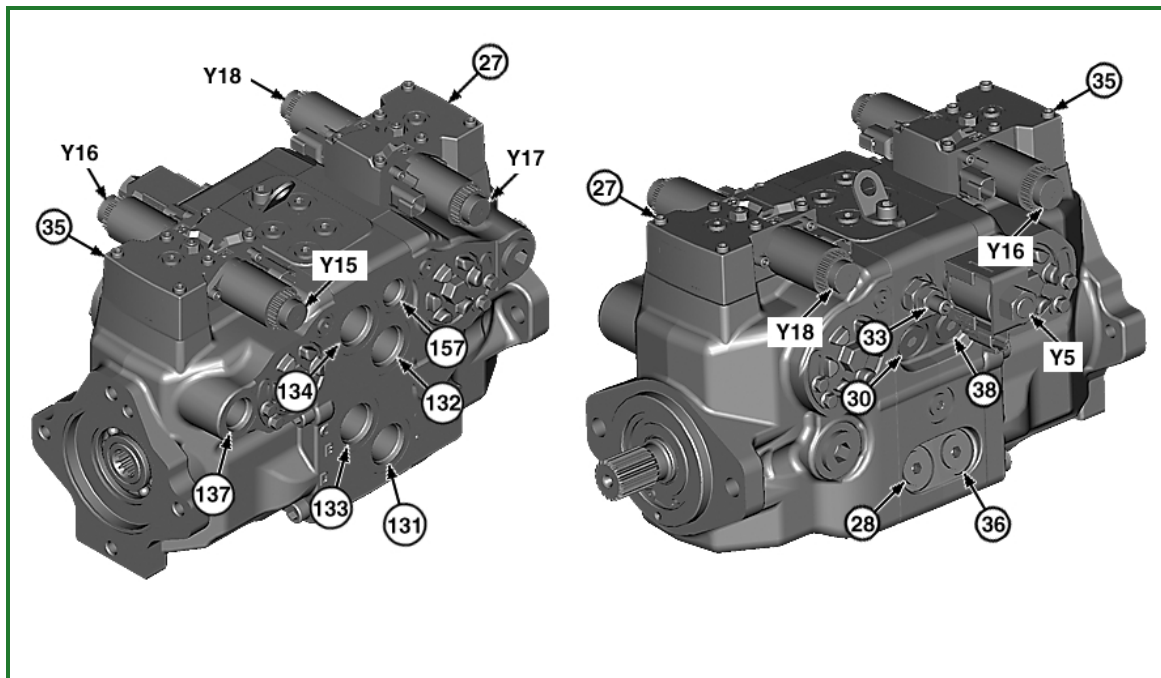


Charge pressure must be subtracted from pressure reading to obtain multi-function valve relief pressure.

Check and record charge pressure. See [Charge Pressure Relief Valve Test](#) . (Group 9025-25.)

8.



TX1205719-UN: Hydrostatic Pump Port Location (left side shown left, right side shown right)

LEGEND:

- 27 - Left Hydrostatic Pump
- 28 - Left Forward Multi-Function Valve
- 30 - Left Reverse Multi-Function Valve
- 33 - Charge Pressure Relief Valve
- 35 - Right Hydrostatic Pump
- 36 - Right Forward Multi-Function Valve
- 38 - Right Reverse Multi-Function Valve
- 131 - Left Forward Hydrostatic Motor Port
- 132 - Left Reverse Hydrostatic Motor Port
- 133 - Right Forward Hydrostatic Motor Port
- 134 - Right Reverse Hydrostatic Motor Port
- 137 - Hydrostatic Pump Case Drain Port
- 157 - From Hydraulic Oil Filter Line
- Y5 - Park Brake Solenoid
- Y15 - Right C1 Hydrostatic Pump Solenoid
- Y16 - Right C2 Hydrostatic Pump Solenoid
- Y17 - Left C2 Hydrostatic Pump Solenoid
- Y18 - Left C1 Hydrostatic Pump Solenoid

Disconnect hydraulic line from left forward hydrostatic motor port (131).

9. Install JT02160 Transducer 68 900 kPa (689 bar) (10 000 psi) and JT02156A Digital Pressure and Temperature Analyzer into left forward hydrostatic motor port. See [JT02156A Digital Pressure and Temperature Analyzer Kit Installation](#) . (Group 9025-25.) Close all openings using caps and plugs.

10. Lower operator's station. [See Raising Operator's Station](#) . (Operator's Manual.)
11. Place JT02156A Digital Pressure Temperature Analyzer in operator's station to be viewed by operator.
12. Start engine and run at specification.

Item	Measurement	Specification
Engine Speed		Fast Idle

13. Slowly engage left wheels/tracks in forward direction to test left forward multi-function valve (28).

14.

NOTE:

Charge pressure must be subtracted from pressure reading to obtain multi-function valve relief pressure.

Record pressure reading. Subtract charge pressure from pressure reading to obtain multi-function valve relief pressure. Compare result to specification.

Item	Measurement	Specification
Multi-Function Valve	Relief Pressure	33 200—36 700 kPa 332—367 bar 4820—5330 psi

15. Repeat procedure for remaining multi-function valves as necessary.
16. If pressure is not within specification, replace the corresponding valve. [See Hydrostatic Pump Disassemble and Assemble](#) . (Group 0360.)

Go to [Section_9026:Group_25](#)

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