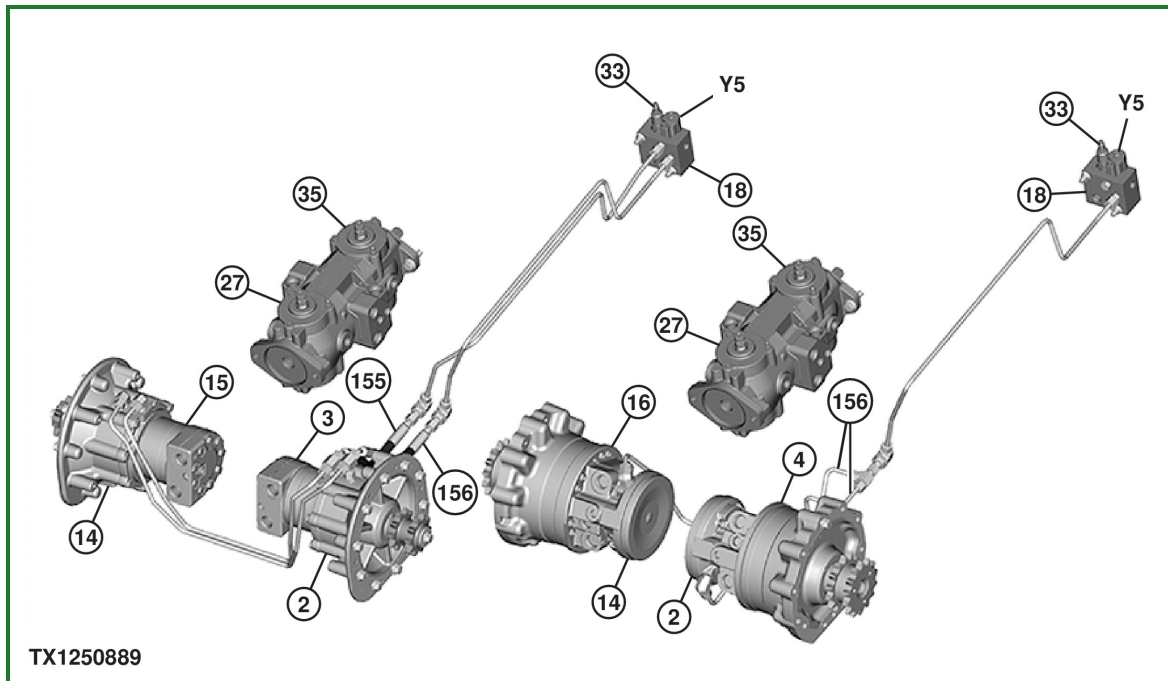


7. Raise operator's station. [See Raising Operator's Station](#) . (Operator's Manual.)
8. Remove footwell. [See Footwell Removal](#) . (Operator's Manual.)

9.



TX1250889-UN: Park Brake System Operation (single speed shown left, two-speed shown right)

LEGEND:

- 2 - Left Hydrostatic Motor Park Brake
- 3 - Left Hydrostatic Motor
- 4 - Left Hydrostatic Two-Speed Motor
- 14 - Right Hydrostatic Motor Park Brake
- 15 - Right Hydrostatic Motor
- 16 - Right Hydrostatic Two-Speed Motor
- 18 - Park Brake Valve
- 27 - Left Hydrostatic Pump
- 33 - Charge Pressure Relief Valve
- 35 - Right Hydrostatic Pump
- 155 - Park Brake Apply Line (2 used)
- 156 - Park Brake Release Line (2 used)
- Y5 - Park Brake Solenoid

Disconnect park brake release line (156) at park brake valve (18).

10. Install -6 M ORFS x -6 F ORFS x -6 M ORFS tee fitting in line.
11. Install JT02161 Transducer 3400 kPa (34 bar) (500 psi) with JT02156A Digital Pressure and Temperature Analyzer. [See JT02156A Digital Pressure and Temperature Analyzer Kit Installation](#) . (Group 9025-25.)
12. Lower operator's station. [See Raising Operator's Station](#) . (Operator's Manual.)
13. Start engine and run at specification.

Item	Measurement	Specification
Engine Speed		Fast Idle

14. Disengage park brake. Record and verify that pressure reading is within specification.

Item	Measurement	Specification
Brake Release Pressure		1724—2068 kPa 17.2—20.7 bar 250—300 psi

15. If pressure reading is within specification, operate travel system in forward and observe that the wheels move freely, indicating brakes are fully released. [See Wheel Speed Test](#) . (Group 9026-25.)
16. If pressure is not within specification, check park brake solenoid (Y5). [See Solenoid Test](#) . (Group 9015-25.)
17. If park brake solenoid is functioning correctly and pressure is not within specification, isolate each motor and check for leakage.

- Engage park brake and stop engine.

- ⚠ CAUTION:**

To avoid injury from escaping fluid under pressure, stop engine and relieve the pressure in the system before disconnecting or connecting hydraulic or other lines. Tighten all connections before applying pressure.

Relieve hydraulic system pressure. [See Hydraulic System Pressure Release](#) . (Group 9025-25.)

- Raise operator's station. [See Raising Operator's Station](#) . (Operator's Manual.)
- Disconnect and plug park brake release line from right hydrostatic motor (15 or 16) to isolate left hydrostatic motor park brake (2). Cap and plug all openings.
- Lower operator's station. [See Raising Operator's Station](#) . (Operator's Manual.)
- Start engine and run at specification.

Item	Measurement	Specification
Engine Speed		Fast Idle

- Disengage park brake. Record and verify that pressure reading is within specification.

Item	Measurement	Specification
Brake Release Pressure		1724—2068 kPa 17.2—20.7 bar 250—300 psi

- Repeat procedure for right hydrostatic motor park brake (14) if necessary.