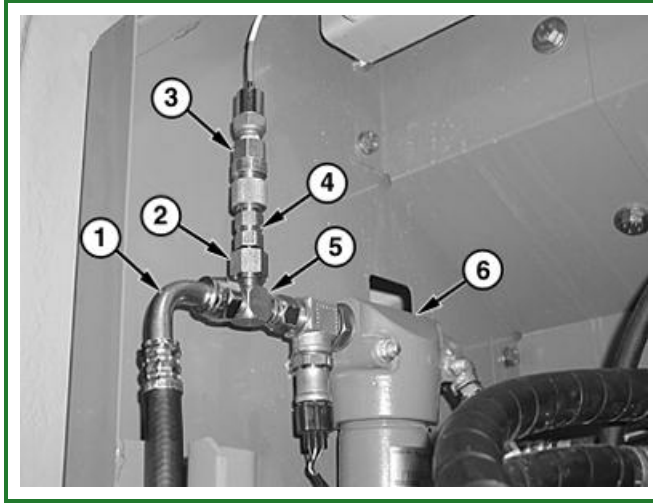


3.

**T211395A-UN: Transducer Connection to Steering System****LEGEND:**

- 1 - Line
- 2 - Adapter
- 3 - Transducer
- 4 - Coupler
- 5 - Tee
- 6 - Steering Filter Housing

Disconnect line (1) from steering filter housing (6).

4. Install tee (5), adapter (2), coupler (4), and transducer (3).
5. Connect digital pressure gauge. [See JT02156A Digital Pressure and Temperature Analyzer Installation](#) . (Group 9025-25.)
6. Warm hydraulic oil to specification. [See Hydraulic System Warm-Up Procedure](#) . (Group 9025-25.)

Item	Measurement	Specification
Hydraulic Oil Temperature		45—55°C 110—130°F

7. Set engine control dial to specification.

Item	Measurement	Specification
Steering Relief Valve Pressure Test—Engine Speed		Fast Idle

8. Set power mode switch to P, work mode switch to DIG, and auto-idle / acceleration selector to OFF.
9. Put steering system in relief by turning steering wheel fully to right or left. Record pressure reading. Repeat several times in both directions and calculate the average reading.

The steering system relief valve is not adjustable. If pressure reading is not to specification, replace steering valve.

Item	Measurement	Specification
Steering System Relief—180CW	Pressure	20 000—22 000 kPa 200—220 bar 2900—3200 psi
Steering System Relief—210CW	Pressure	17 200—19 200 kPa 172—192 bar 2490—2790 psi

Go to [Section\\_9025:Group\\_25](#)

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