



Checking High Pressure Relief Valve Pressure

⚠ CAUTION

- When checking, park the machine on flat ground, apply the parking brake.
1. Remove the hex. socket head plug from **P1** or **P2** port. (**P2** is for forward and **P1** is for reverse.)
 2. Assemble adaptor **C** (07916-50371) and threaded joint (07916-50341) with the gasket between them.
 3. Install the assemble adaptor **C** and threaded joint to **P2** (forward) or **P1** (reverse) port.
 4. Install the cable, threaded joint in relief valve set pressure tester and high pressure gauge to threaded joint in order.
 5. Check to see that parking brake is applied.
 6. Operate the engine at maximum speed.
 7. Place the range gear shift lever in **H** position.
 8. Depress the HST pedal, and measure the check and high pressure relief valve pressure.
 9. If the measurement is not within the factory specification, check the check and high pressure relief valve assembly. (See page 3-S90.)

Check and high relief pressure (Oil temperature at 40 to 60 °C (104 to 140 °F))	Factory specification	33.4 to 36.3 MPa 340.0 to 370.0 kgf/cm ² 4836 to 5263 psi
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■ IMPORTANT

- Measure quickly so that the relief valve may not be in operation more than 10 seconds.

■ NOTE

- Be sure to use high pressure gauge with over 40 MPa (400 kgf/cm², 5800 psi).

(When reassembling)

- Install the hex. socket head plug to the port with O-ring.

(1) **P1** Port (for Reverse)

(2) **P2** Port (for Forward)

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