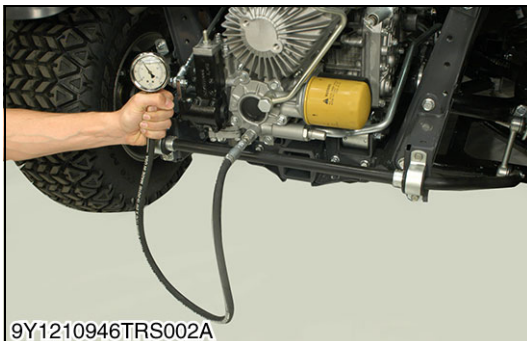
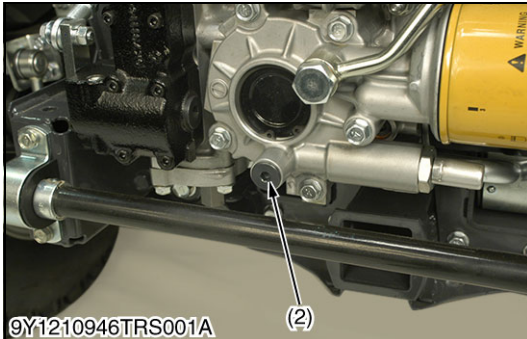


4. CHECKING AND ADJUSTING



Checking Charge Relief Pressure

⚠ CAUTION

- If it is necessary to operate engine in an enclosed area, use a gas tight exhaust pipe extension to remove the fumes.
- Always try to work in a well-ventilated area.
- When checking, park the machine on flat ground, and apply the parking brake.
- Work by two people when you measure pressure.
- Note that the allen wrench does not come off firmly because the plug is not loose hard. Otherwise, the plug might be damaged, and the plug not be loosened.

■ NOTE

- The hex. socket plug is securely tightened. Therefore, it is very important to use a proper-sized allen wrench and fit it securely onto the plug. Do not give a shock but put your weight on the plug slowly, paying attention not to damage its hex.socket section. If the allen wrench is fitted on the plug at a slant or an improper-sized allen wrench is used to loose the plug, the hex. socket section will be damaged and you won't be able to the plug.

1. Remove the cargo bed.
2. Remove the transmission rear cover.
3. Remove the hex. socket head plug from **P3** port (2).
4. Install the HST adaptor and high pressure gauge to **P3** port (2).
5. Place the range gear shift lever in neutral.
6. Set the 4WD lever to 2WD position.
7. Start the engine.
8. Depress the speed control pedal, and measure the charge pressure. (Engine speed is set by using the tachometer.)
9. If the measurement is not within the factory specification, check the charge relief valve. (See page 2-S56.)

(When reassembling)

- Be careful not to damaged O-ring on plug.

[RTV-X900]

Charge pressure	Factory specification	0.43 to 0.83 MPa 4.4 to 8.6 kgf/cm ² 63 to 120 psi
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[RTV-X1120D]

Charge pressure	Factory specification	0.48 to 0.90 MPa 4.9 to 9.1 kgf/cm ² 70 to 130 psi
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■ NOTE

- Low pressure gauge is 2.94 MPa (30.0 kgf/cm², 427 psi) full scale.

Condition

- Engine speed:
(RTV-X900) 1350 min⁻¹ (rpm)
(RTV-X1120D) 1400 min⁻¹ (rpm)
- Oil temperature:
45 to 55 °C (113 to 131 °F)

(1) Transmission Rear Cover

(2) **P3** Port (Charge) G1/4

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