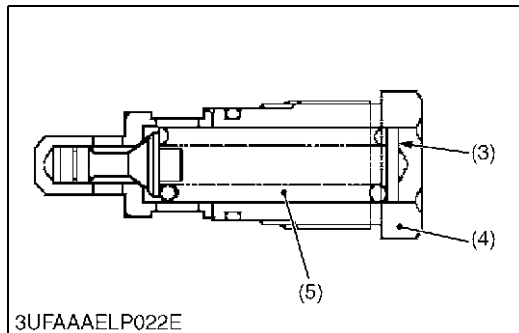


[3] RELIEF VALVE AND SAFETY VALVE



Relief Valve Setting Pressure Test Using Pressure Tester (Coupler)

1. Install the relief valve set pressure adaptor to the quick coupler (1) and then install a pressure gauge (Code No. 07916-50322), cable (Code No. 07916-50331).
2. Start the engine.
3. Refer to "**Condition**" below to set the engine speed.
4. Set the front loader control valve operation lever to the **Left** position and read the pressure gauge when the relief valve is actuated.
5. If the pressure is not within the factory specification, adjust the shim (3).

Condition

- Engine speed
Approx. 2700 min⁻¹ (rpm) (Manual Transmission and GST)
Approx. 2600 min⁻¹ (rpm) (HST)
- Oil temperature
40 to 60 °C (104 to 140 °F)

(Reference)

- Thickness of shims (3)
0.1 mm (0.0039 in.)
0.2 mm (0.0079 in.)
0.4 mm (0.0157 in.)
- Pressure change per 0.1 mm (0.0039 in.) shim
Approx. 264.8 kPa (2.7 kgf/cm², 38.4 psi)

Tightening torque	Relief valve assembly	35 to 39 N·m 3.5 to 4.0 kgf·m 26 to 28 lbf·ft	
Relief valve setting pressure	Factory specification	L3560	17.1 to 18.1 MPa 175 to 184 kgf/cm ² 2480 to 2620 psi
		L4060	18.1 to 19.1 MPa 185 to 194 kgf/cm ² 2630 to 2770 psi
		L4760	
		L5060	
		L5460	
		L6060	

- (1) Quick Coupler
(2) Relief Valve
(3) Shim

- (4) Plug
(5) Spring

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