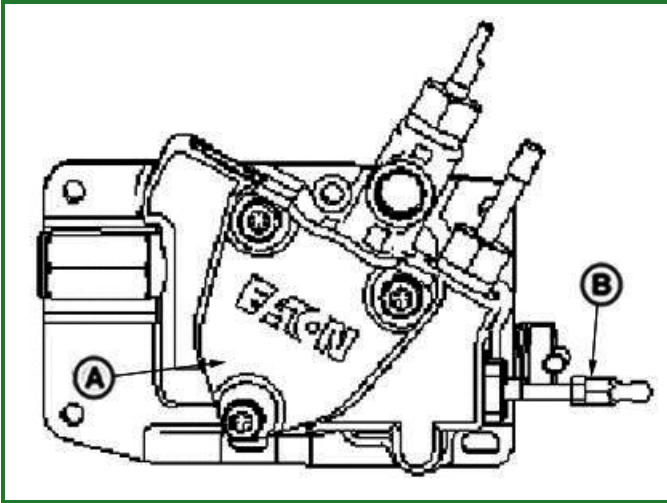
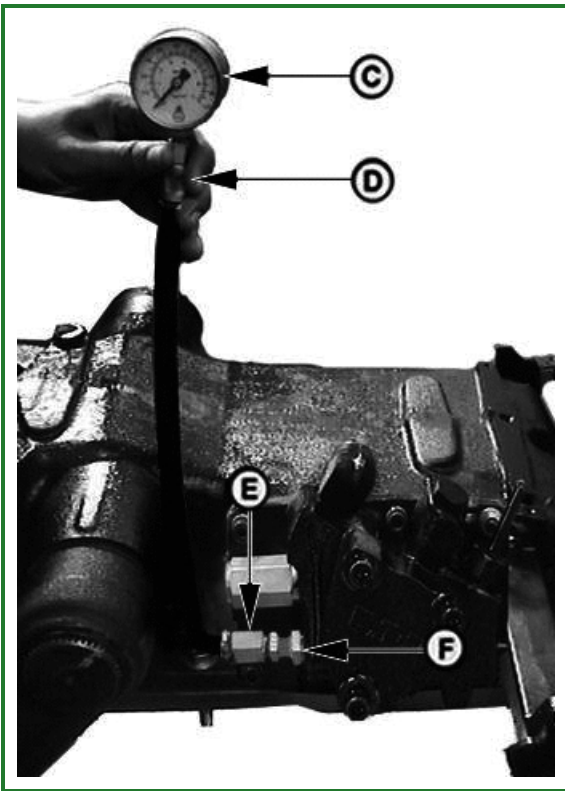


## JD Rockshaft Main Relief Valve Test



**PY5288-UN: Main Relief Valve**



**PY5289-UN: Main Relief Valve**

**LEGEND:**

- A - End Plate
- B - Auxiliary Port
- C - Guage
- D - Adaptor
- E - Adaptor
- F - Coupler

REASON:

To determine if setting of relief valve maintains correct pressure.

EQUIPMENT:

- Gauge 35000 kPa (5000 psi) (350 bar) (C)
- Hose with Coupler (F)
- 90° Elbow Adapter 7/16-20 M 37° Flare x 7/16-20 F 37° Flare Sw (D & E)
- 3/8 in. Pipe Plug

CONNECTIONS:

1. Remove auxiliary port plug (A).
2. Assemble gauge, hose and adapter.
3. Connect test equipment to auxiliary port (A).

PROCEDURE:

1. Run engine at slow idle.
2. Close preselector knob (B).
3. Move position control lever to pressurize test outlet.

**⚠ CAUTION:**

*To prevent hydraulic oil from overheating DO NOT hold the position control lever in the upward position for an extended period of time (3-4 sec.). Overheating of hydraulic oil will cause malfunction of hydraulic components and possible personal injury.*

4. Check pressure reading on gauge.

Item	Measurement	Specification
Main Relief Valve	Pressure	19700 - 20400 kPa (197—204 bar) (2857—2959 psi)

RESULTS:

- Pressure high or low—replace relief valve. (See [Group 19](#) in this section.)

Go to [Section\\_270:Group\\_20](#)

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