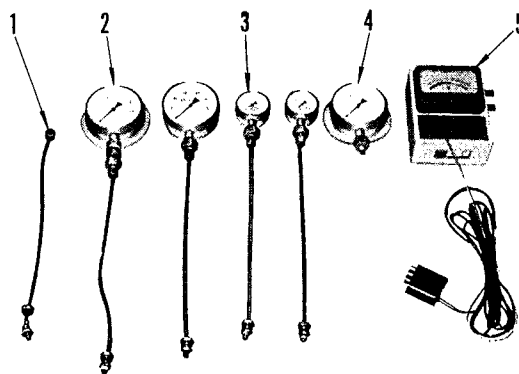


OIL PRESSURE AND TEMPERATURE CHECK POSITION

1. Tools for oil pressure measurement

Tools for oil pressure measurement 790-301-1101

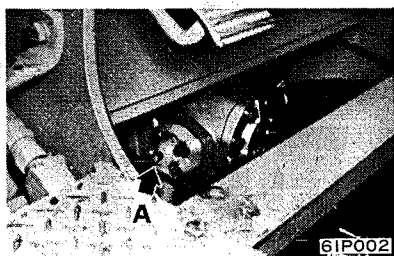
1. Tube
2. Gauge (70kg/cm²)
3. Gauge (15kg/cm²)
4. Gauge (250kg/cm²)
5. Thermister



61P001

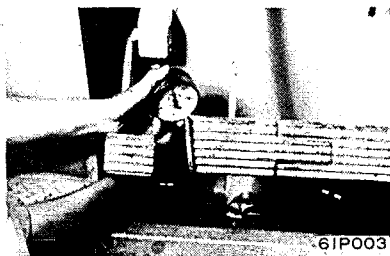
2. Points for oil pressure measurement

A. Main relief pressure



61P002

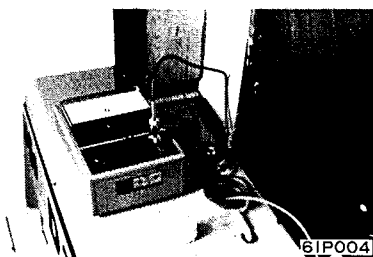
Main relief pressure check plug



61P003

Fix gauge (250kg/cm²) → check oil pressure

3. Oil temperature measuring points



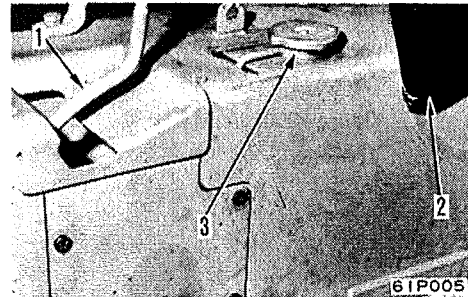
61P004

MEASUREMENT AND ADJUSTMENT PROCEDURE OF OIL PRESSURE AND TEMPERATURE

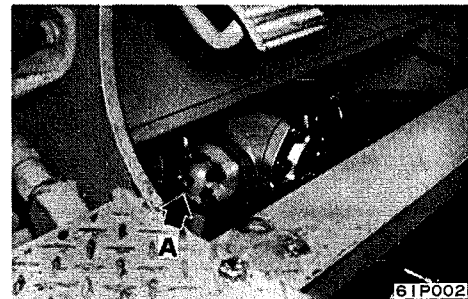
1. Measurement of hydraulic main relief pressure

1) Installation of oil pressure gauge

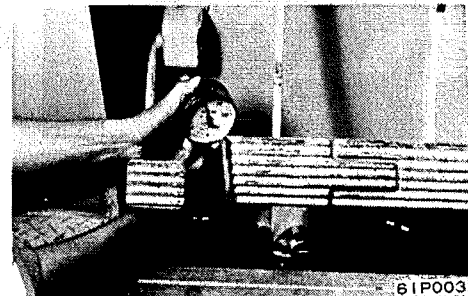
Ground working equipment and stop engine. After releasing the remaining pressure within circuit by operating control lever (1) 2 to 3 times, keep lever to raise position and lock lever so that shut from hydraulic tank (control valve) to hydraulic pump. Loosen cap (3) under the right armrest (2) to purge air inside hydraulic tank.



To remove plug PT/1/8 A of hydraulic pump outlet tube, remove floor plate.



Install 250 kg/cm² oil pressure gauge together with hose and adapter.



2) Measurement of oil pressure

After starting engine, operate working equipment operation lever so cylinder to be measured comes to its stroke end. Make measurements with engine running both at slow revolution (about 700 r.p.m.) and full revolution (2700±50 r.p.m.).

★ Standard value: 170^{+5}_0 Kg/cm²

★ Oil temp. at measurement: 40 – 80°C

⚠ Never forget to lock parking brake.