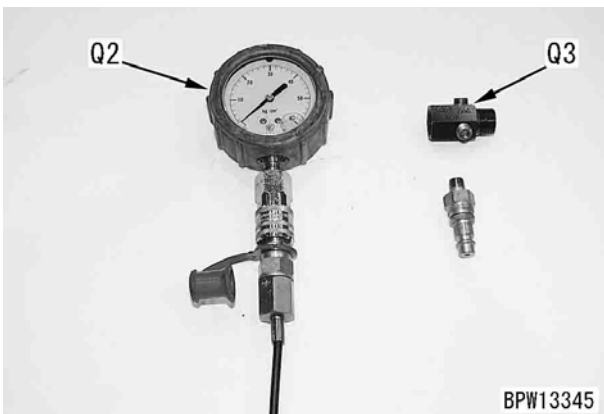
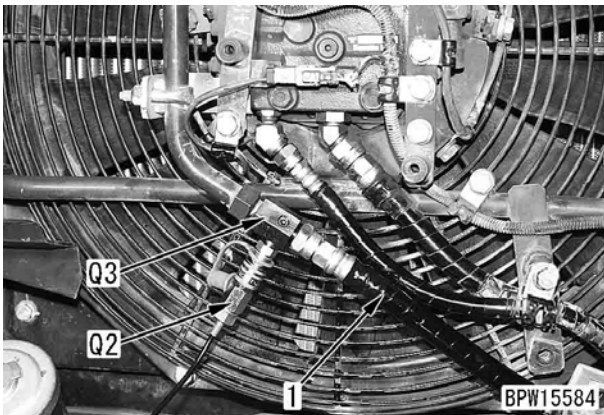
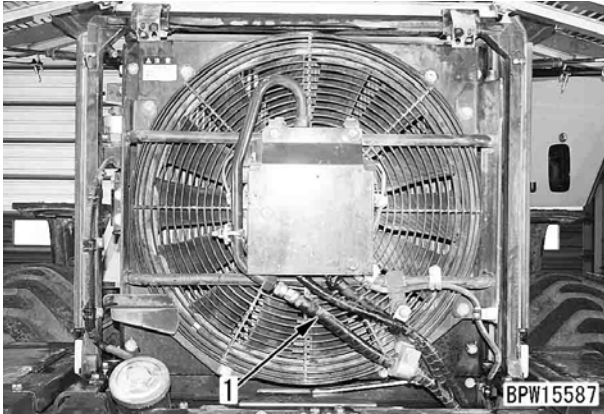


Testing fan drive oil pressure

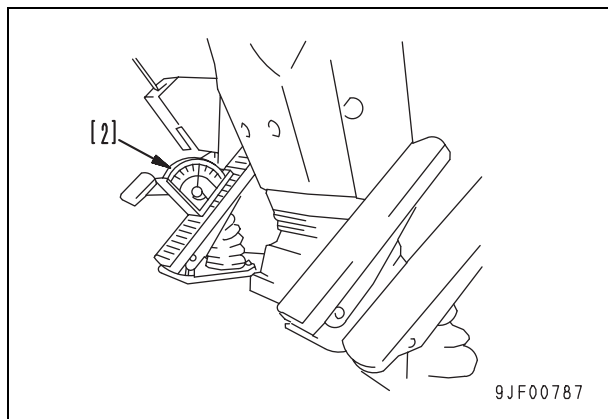
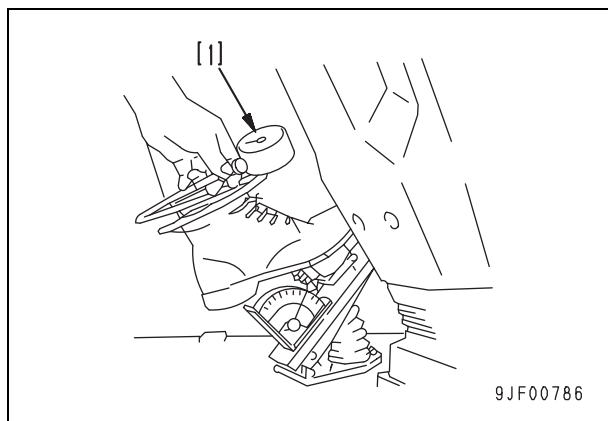
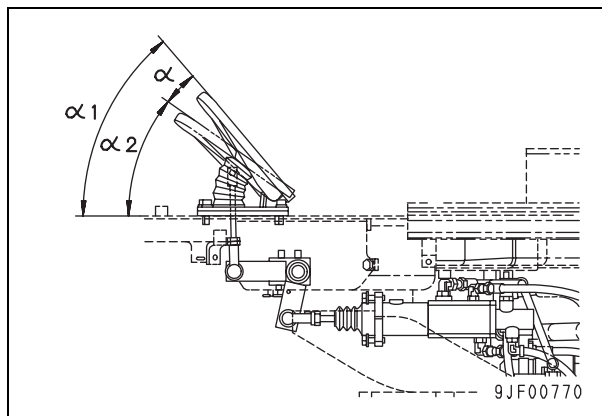
1. Open the radiator grille.
2. Disconnect hose (1), install hydraulic tester **Q2** (40 MPa {400 kg/cm²}) and adapter **Q3** (Hose size: For #04), and connect hose (1) again.



3. Start the engine and measure the fan drive oil pressure.
4. After finishing the work, remove the measuring instruments and return the removed parts.

Testing brake pedal

- ★ Measurement conditions
 - Engine coolant temperature: Within green range on engine coolant temperature gauge
 - Engine speed: Low idle
1. Install push gauge [1] to the operator's foot.
 - ★ Set the push gauge at a point 150 mm from the fulcrum of the pedal.
 2. Start the engine, and measure pedal angle "α1" when running at low idle.
 3. Apply angle gauge [2] to the brake pedal and measure pressing angle (α) between pressing angles (α1) and (α2) (α = α1 - α2).
 - Operating effort at (α2): 196 N {20 kg}.



Testing and adjusting brake pedal linkage

Testing

1. Check for play in linkage mounting pin (7), pin-hole of lever (6), and lever bushing.
2. Measure length of link (1), and check that it is within the standard value.
 Standard link length (a): 184 mm
 ★ Measure the length from the center of pin (5) to the center of ball joint (3).
3. Measure the distance of movement of rod (8) and check that clearance (b) is within the standard value.
 Standard clearance (b): 0 – 0.3 mm
 ★ When doing this, check that the brake pedal is in contact with the stopper.

Adjusting

Adjusting link length (a)

1. Remove pin (5) and ball joint (3), then remove rod (1).
2. Loosen locknut (4), then turn yoke (2) and ball joint (3) to adjust the length.
3. After adjusting the length of link (a), connect it to the brake pedal.
 ★ Standard value (a): 184 mm

Adjusting clearance (b)

1. Loosen locknut (7), turn rod (8) so that the tip of the rod contacts the booster cylinder piston, then turn rod (8) back 1/4 turn.
2. Tighten locknut (7).
 ★ Standard value (b): 0 – 0.3 mm

