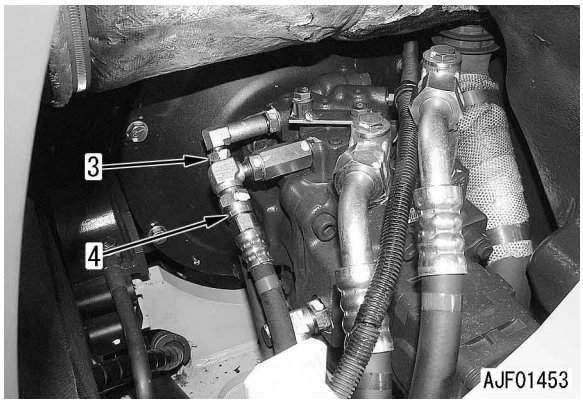
Applicable model: MX502

1. Disconnect hydraulic hoses (3) and (4).

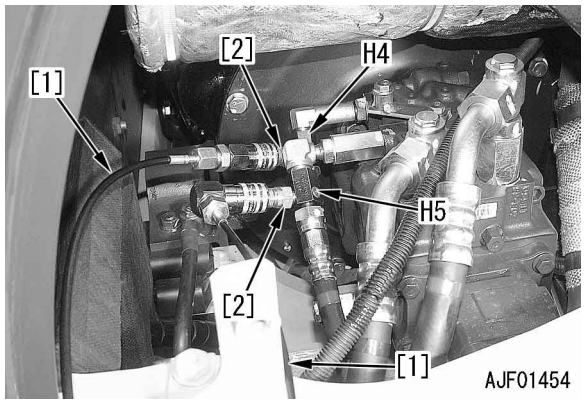


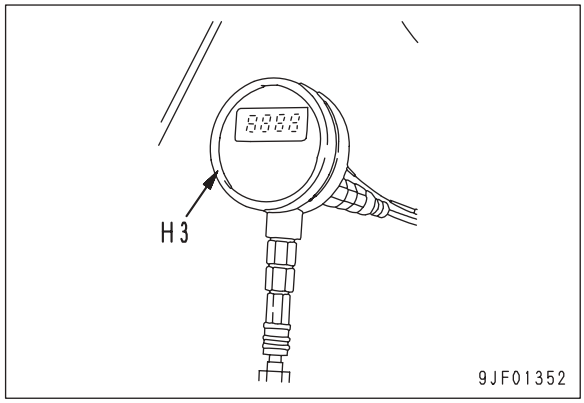
2. Install adapters **H4** and **H5** to the discharge side of the pump and LS pressure side respectively.

3. Install nipples [2] of oil pressure gauge kit **H1** to **H4** and **H5** and connect differential pressure gauge **H3** by hoses [1].
   ★ Connect the discharge side of the pump to the high-pressure side of the differential pressure gauge and connect the LS pressure side to the low-pressure side of the differential pressure gauge by hoses [1].

4. Push up the track shoe on either side with the work equipment.

5. Run the engine at full throttle and measure the LS differential pressure under the following condition.
   - LS differential pressure when travel lever is in neutral: 4.41 ± 0.49 MPa {45 ± 5 kg/cm^2}
   ★ When the travel lever is in neutral, the LS differential pressure is the same as the unload pressure.
   - LS differential pressure when travel lever is operated halfway (when track shoe runs idle): 1.57 ± 0.1 MPa {16 ± 1 kg/cm^2}





Measuring with oil pressure gauge

★ Since the differential pressure is 1.96 MPa {20 kg/cm^2} at maximum, measure it with the same oil pressure gauges.

Applicable model: MX352

1. Remove oil pressure pickup plugs (1) and (2).

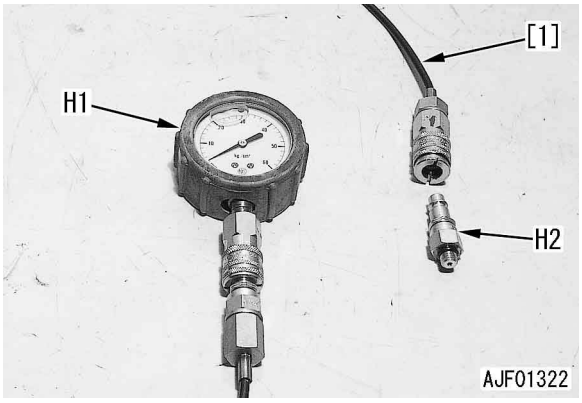
2. Install nipple **H2** and connect oil pressure gauge **H1** (39.2 MPa {400 kg/cm^2}) by hose [1].
   ★ Use oil pressure gauges having minimum divisions of 0.98 MPa {10 kg/cm^2}.

3. Push up either side of the track shoe with the work equipment.

4. Run the engine at full throttle and measure the pump discharge pressure under the condition for measuring with the differential pressure gauge.
   ★ Read the gauge pointer accurately from the just front side of the gauge.

5. Run the engine at full throttle and measure the LS pressure under the condition for measuring with the differential pressure gauge.
   ★ Read the gauge pointer accurately from the just front side of the gauge.

6. Calculate the LS differential pressure from the pump discharge pressure and LS pressure.
   ★ LS differential pressure = Pump discharge pressure - LS pressure



Applicable model: MX502

1. Disconnect hydraulic hoses (3) and (4).

2. Install adapters **H4** and **H5** to the discharge side of the pump and LS pressure side respectively.

3. Install nipples [2] of oil pressure gauge kit **H1** to **H4** and **H5** and connect pressure gauge **H1** (39.2 MPa {400 kg/cm^2}) by hoses [1].
   ★ Use a pressure gauge having divisions of 0.98 MPa {10 kg/cm^2}.

4. Push up the track shoe on either side with the work equipment.

5. Run the engine at full throttle and measure the pump discharge pressure under the condition for measurement with the differential pressure gauge.
   ★ Read the pointer accurately from its front side.

6. Run the engine at full throttle and measure the LS pressure under the condition for measurement with the differential pressure gauge.
   ★ Read the pointer accurately from its front side.

7. Calculate the LS differential pressure from the pump discharge pressure and LS pressure.
   ★ LS differential pressure = Pump discharge pressure – LS pressure