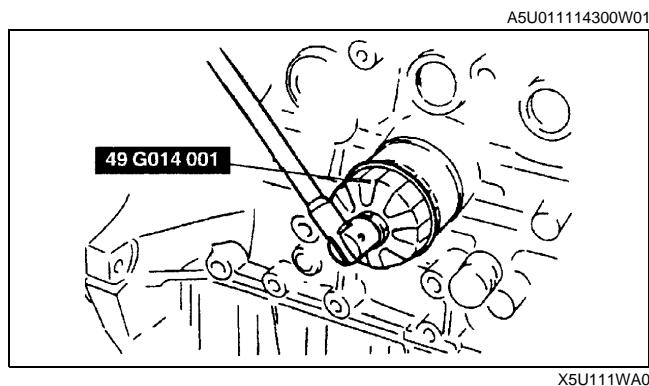


## OIL FILTER REPLACEMENT

1. Remove the oil filter using the **SST**.
2. Use a clean rag to wipe off the mounting surface on the oil filter body.
3. Apply clean engine oil to the O-ring of the oil filter.
4. Using the **SST**, tighten the filter according to the installation direction on the side of it or packing box.
5. Start the engine and inspect for oil leakage.
6. Inspect the oil level.
  - Add oil if necessary. (See 01-11-2 ENGINE OIL LEVEL INSPECTION.)



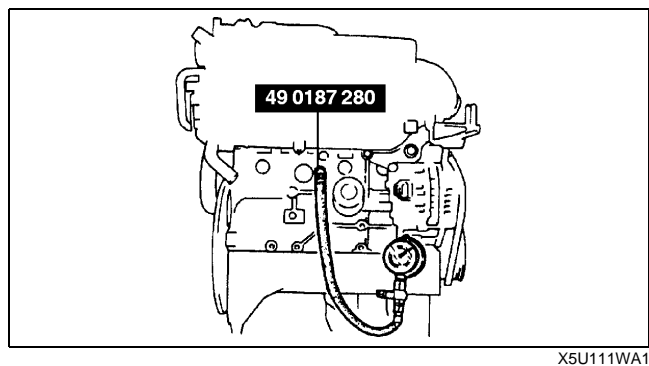
01-11

## OIL PRESSURE INSPECTION

### Warning

- Continuous exposure to USED engine oil has caused skin cancer in laboratory mice. Protect your skin washing with soap and water immediately after working with engine oil.
- Hot engines and engine oil are hot, they can cause burns. Turn off the engine and wait until it and engine oil have cooled.

1. Remove the oil pressure switch.
2. Screw the **SST** into the oil pressure switch installation hole.
3. Warm up the engine to normal operating temperature.
4. Run the engine at the specified speed, and note the gauge readings.
  - If the pressure is not as specified, inspect amount of engine oil, and inspect for oil leakage or any wear parts inside of engine, etc. Repair or replace if necessary.



### Note

- The oil pressure can vary with oil viscosity and temperature.

### Oil pressure

**295—392 kPa {3.0—4.0 kgf/cm<sup>2</sup>, 43—56 psi} [3,000 rpm]**

5. Stop the engine and wait until it is cool.
6. Remove the **SST**.
7. Apply silicone sealant to the oil pressure switch threads as shown.

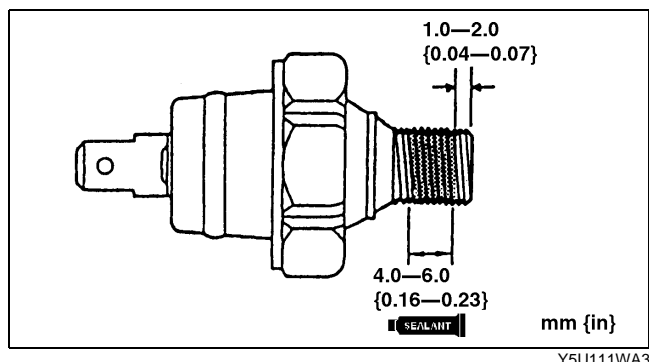
### Caution

- Do not apply liquid gasket to the tip of the oil pressure switch by 1.0—2.0 mm {0.4—0.7 in }.

8. Install the oil pressure switch.

### Tightening torque

**12—17 N·m {1.2—1.8 kgf·m, 9—13 ft·lbf}**



9. Start the engine and inspect for oil leakage.