

1E



Oil Pressure Check

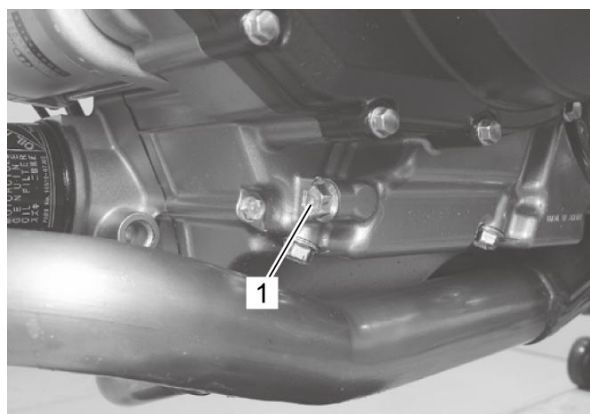
Check the engine oil pressure periodically. This will give a good indication of the condition of the moving parts.

NOTE:

Before checking the oil pressure, check the following:

- **Oil level:**
- **Oil leaks (If leak is found, repair it.)**
- **Oil quality (If oil is discolored or deteriorated, replace it.)**

- 1) Start the engine and check if the oil pressure indicator light is turned on. If the light stays on, check the oil pressure indicator light circuit. If the circuit is OK, check the oil pressure in the following manner.
- 2) Remove the oil gallery plug (M8) (1).



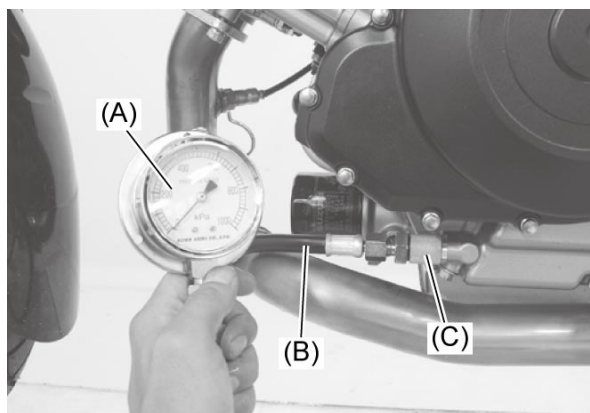
- 3) Install the oil pressure gauge and attachment into the oil gallery.

Special Tool

(A): 09915-77331

(B): 09915-74521

(C): 09915-74533



- 4) Warm up the engine as follows:
Summer: 10 min. at 2000 r/min

Winter: 20 min. at 2000 r/min

- 5) After warm up, increase the engine speed to 3000 r/min and read the oil pressure gauge. If the oil pressure is lower or higher than the specification, the following causes may be considered.

Oil pressure specification when oil temp. is 60 °C (140 °F)

400 – 700 kPa (4 – 7 kgf/cm², 57 – 100 psi) at 3000 r/min

High oil pressure	Low oil pressure
<ul style="list-style-type: none">• Engine oil viscosity is too high• Clogged oil passage• Combination of the above items	<ul style="list-style-type: none">• Clogged oil filter• Oil leakage from the oil passage• Damaged O-ring• Defective oil pump• Combination of the above items

- 6) Stop the engine and remove the oil pressure gauge and attachment.

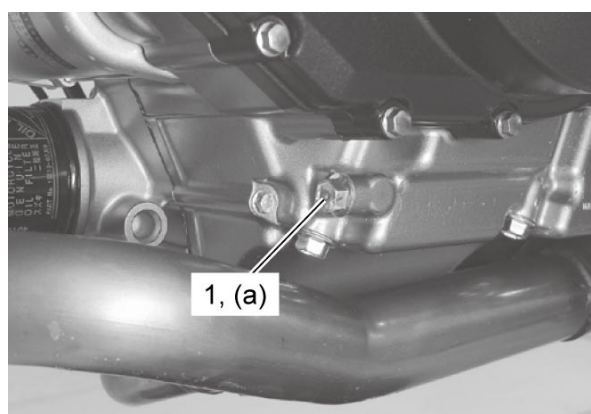
⚠ WARNING:

To avoid the risk of being burned, remove the oil pressure gauge when the oil has cooled.

- 7) Install the new gasket to the oil gallery plug (M8) (1).
8) Install the oil gallery plug (M8) and tighten it to the specified torque.

Tightening torque

Oil gallery plug (M8) (a): 18 N·m (1.8 kgf-m, 13.0 lbf-ft)



- 9) Check the engine oil level. 