

OIL PRESSURE CHECK

WARNING:

To avoid danger of being burned, do not touch exhaust manifold when exhaust system is hot.

When servicing, be sure to perform it after exhaust system has cooled down.

NOTE:

Prior to checking oil pressure, check the followings.

- Oil level in oil pan.
If oil level is low, add oil up to full level hole on oil level gauge.
- Oil quality.
If oil is discolored, or deteriorated, change it.
For particular oil to be used, refer to Section 0B.
- Oil leaks.
If leak is found, repair it.

- 1) Remove exhaust manifold cover and then oil pressure switch from cylinder block.

- 2) Install special tool (Oil pressure gauge) to vacated threaded hole.

Special Tool

(A): 09915-77310

(B): 09915-78211

CAUTION:

Be careful not to make special tool touch exhaust manifold when installing because exhaust manifold becomes very hot.

- 3) Start engine and warm it up to normal operating temperature.

NOTE:

Be sure to place transmission gear shift lever in "Neutral" (shift selector lever to "P" range for A/T model), and set parking brake and block drive wheels.

- 4) After warming up, raise engine speed to 4,000 r/min and measure oil pressure.

Oil pressure specification:

390 – 470 kPa (3.9 – 4.7 kg/cm², 55.5 – 66.8 psi) at 4,000 r/min (rpm)

- 5) After checking oil pressure, stop engine and remove oil pressure gauge.

- 6) Before reinstalling oil pressure switch, be sure to wrap its screw threads with sealing tape and tighten switch to specified torque.

Tightening Torque

(a): 14 N·m (1.4 kg-m, 10.5 lb-ft)

NOTE:

If sealing tape edge is bulged out from screw threads of switch, cut it off.

- 7) Start engine and check oil pressure switch for oil leakage.

