

ENGINE OIL PRESSURE

Mechanical

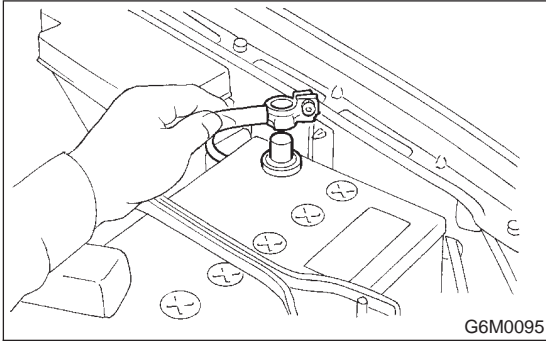
6. Engine Oil Pressure

S103655

A: INSPECTION

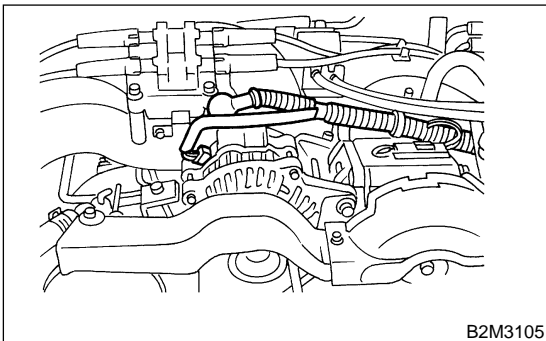
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- 1) Disconnect battery ground cable.

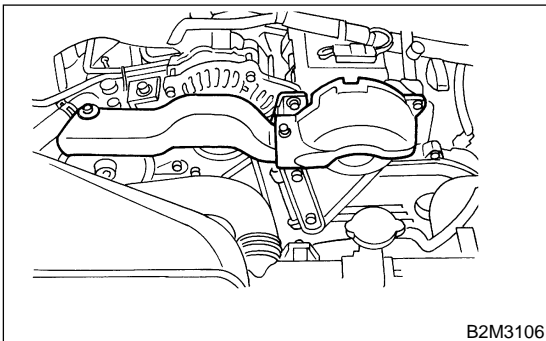


- 2) Remove generator from bracket.

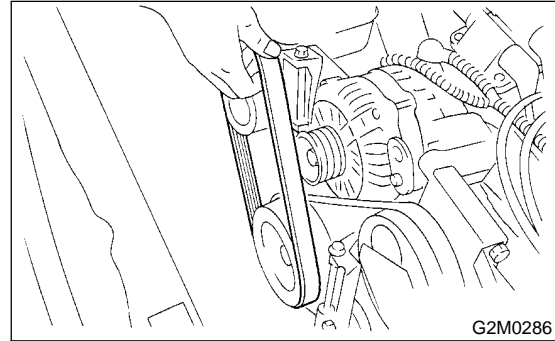
- (1) Disconnect connector and terminal from generator.



- (2) Remove V-belt cover.

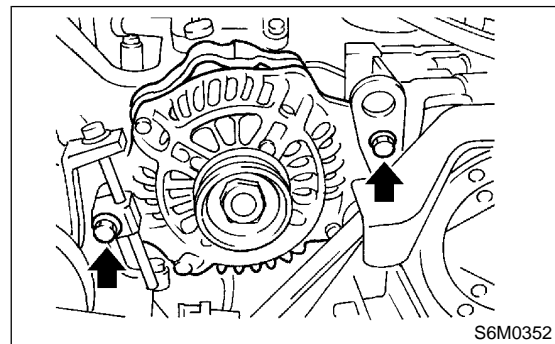


- (3) Loosen lock bolt and slider bolt, and remove front side V-belt.

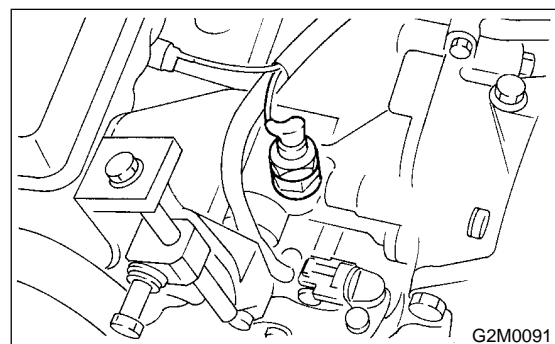


- (4) Remove generator lock bolt.

- (5) Remove bolt which install generator on bracket.

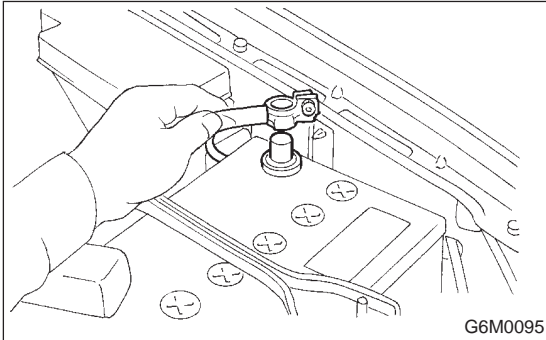


- 3) Disconnect connector from oil pressure switch.
- 4) Remove oil pressure switch from engine cylinder block. <Ref. to LU(H4)-19 REMOVAL, Oil Pressure Switch.>

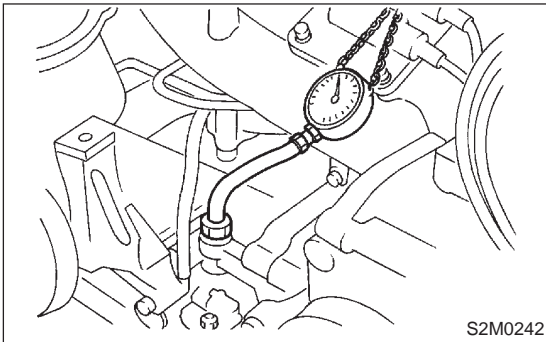


- 5) Connect oil pressure gauge hose to cylinder block.

6) Connect battery ground cable.



7) Start the engine, and measure oil pressure.



Oil pressure:

98 kPa (1.0 kg/cm², 14 psi) or more at 800 rpm
294 kPa (3.0 kg/cm², 43 psi) or more at 5,000 rpm

CAUTION:

- If oil pressure is out of specification, check oil pump, oil filter and lubrication line. <Ref. to LU(H4)-22 INSPECTION, Engine Lubrication System Trouble in General.>
- If oil pressure warning light is turned ON and oil pressure is in specification, replace oil pressure switch. <Ref. to LU(H4)-22 INSPECTION, Engine Lubrication System Trouble in General.>

NOTE:

The specified data is based on an engine oil temperature of 80°C (176°F).

8) After measuring oil pressure, install oil pressure switch. <Ref. to LU(H4)-20 INSTALLATION, Oil Pressure Switch.>

Tightening torque:

25 N·m (2.5 kgf·m, 18.1 ft·lb)

9) Install generator and V-belt in the reverse order of removal, and adjust the V-belt deflection. <Ref. to ME(H4)-43 INSTALLATION, V-belt.>