

Maintenance and Tune-Up

Service Instructions

Oil Pressure Check (Remote Control Model)

CENDK1120206020

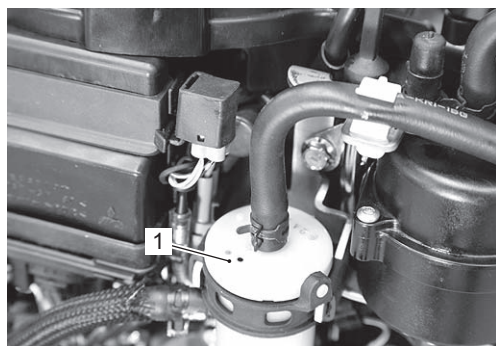
▲ CAUTION

Engine oil can be hot enough to burn you.

Do not remove the oil pressure gauge adapter when the engine is hot. Wait until engine cools.

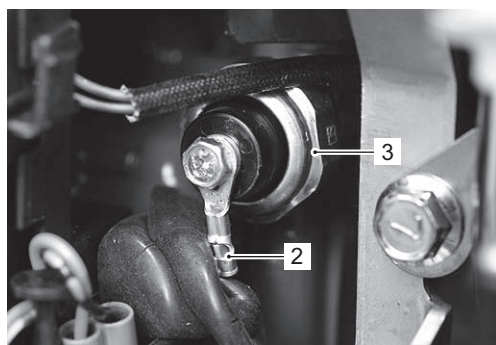
Check the engine oil pressure periodically.

- 1) Check the engine oil level.
- 2) Temporarily remove the SDS service connector from electric part holder.
- 3) Temporarily remove the fuel filter (1) from filter bracket.



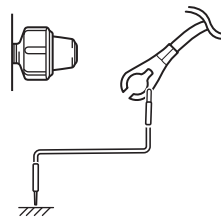
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- 4) Loosen screw and disconnect blue/yellow lead wire (2) from oil pressure switch (3). Remove the oil pressure switch.



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- 5) Connect the oil pressure switch lead wire to engine body ground by using an appropriate jumper wire.



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NOTE

You should remove oil pressure switch after disconnecting its lead when perform the oil pressure test.

Then diagnostic code of oil pressure switch will be displayed while performing the test. Connect the oil pressure switch lead wire to engine body ground by using an appropriate jumper wire before the test (turning on the ignition switch).

So that the diagnostic code won't be displayed.

After the engine starts, disconnect the jumper wire from switch lead wire.

NOTE

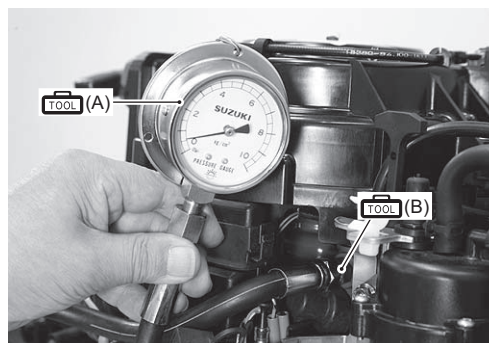
For cancellation of the "self-diagnostic indication", refer to "Self-Diagnostic System Description" in related manual.

- 6) Install oil pressure gauge adaptor into oil pressure switch hole in place of oil pressure switch.

Special tool

TOOL (A): 09915-77311 (Oil pressure gauge)

TOOL (B): 09915-78211 (Oil pressure gauge adapter)



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- 7) Install the fuel filter to filter bracket.
- 8) Attach the engine tachometer to ignition coil high-tension cord.

Special tool

 (C): 09900-26006 (Engine tachometer)



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- 9) Start engine and allow to warm up.
- 10) After the engine starts, disconnect the jumper wire from switch lead wire.
- 11) After warming up, shift into forward gear and increase engine speed to 3 000 r/min., then compare pressure indicated on gauge to specifications.

NOTE

The figure shown below is a guideline only, not an absolute service limit.

Oil pressure

200 – 500 kPa (2.0 – 5.0 kg/cm², 29 – 71 psi.)
at 3 000 r/min., oil temp. at normal operating temp.

- 12) If oil pressure is lower or higher than specification, the following causes may be considered.

Low oil pressure

- Clogged oil filter
- Leakage from oil passages
- Defective oil pump
- Defective oil pressure regulator
- Damage O-ring
- Combination of above items

High oil pressure

- Using an engine oil of too high viscosity
- Clogged oil passage
- Clogged oil pressure regulator
- Combination of above items

- 13) After testing, reinstall oil pressure switch. Refer to “Oil Pressure Switch Removal and Installation” in related manual.
- 14) Check the engine oil level.

