

Fuel Line Inspection

B838H20206008

Inspect fuel line

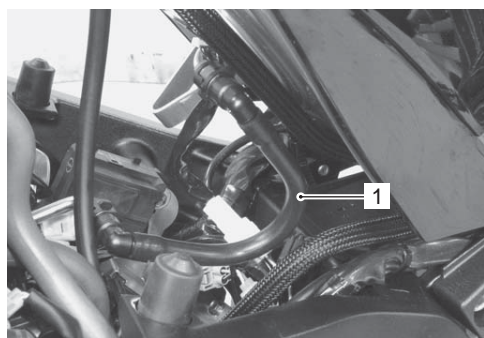
Every 6 000 km (4 000 miles, 12 months)

Inspect the fuel line in the following procedures:

- 1) Lift and support the fuel tank. Refer to "Fuel Tank Removal and Installation in Section 1G (Page 1G-9)".
- 2) Inspect the fuel feed hose (1) for damage and fuel leakage. If any defects are found, the fuel feed hose must be replaced.

⚠ WARNING

When disconnecting the fuel feed hose from E-33 model, drain fuel from the fuel tank first to prevent fuel leakage.



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- 3) After finishing the fuel feed hose inspection, reinstall the removed parts.

Evaporative Emission Control System Inspection (E-33 only)

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Inspect evaporative emission control system

Every 12 000 km (7 500 miles, 24 months)

Inspect the evaporative emission control system periodically (E-33 only). Refer to "Evaporative Emission Control System Inspection (Only for E-33) in Section 1B (Page 1B-15)".

Engine Oil and Filter Replacement

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Replace engine oil

Initially at 1 000 km (600 miles, 2 months) and every 6 000 km (4 000 miles, 12 months) thereafter

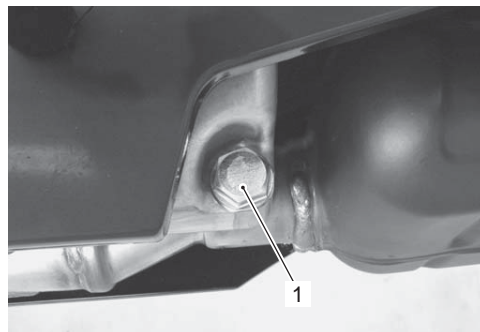
Replace oil filter

Initially at 1 000 km (600 miles, 2 months) and every 18 000 km (11 000 miles, 36 months) thereafter

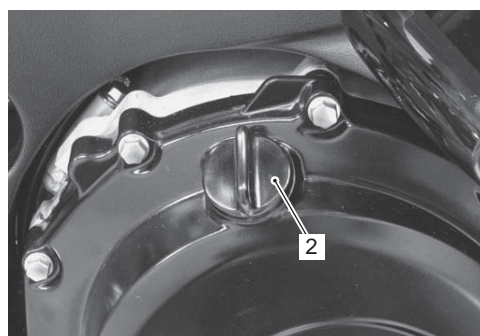
Oil should be changed while the engine is warm. Oil filter replacement at the above intervals, should be done together with the engine oil change.

Engine Oil Replacement

- 1) Place the motorcycle on the side-stand.
- 2) Place an oil pan below the engine, and drain engine oil by removing the oil drain plug (1) and filler cap (2).



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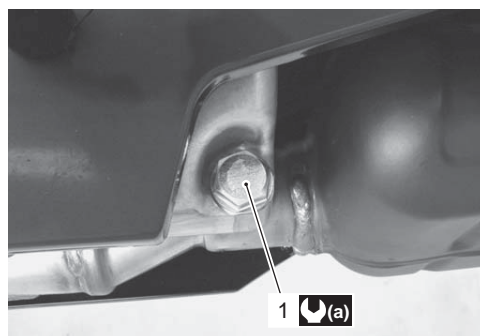
- 3) Tighten the oil drain plug (1) to the specified torque.

⚠ CAUTION

Replace the gasket washer with a new one.

Tightening torque

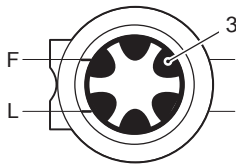
Oil drain plug (a): 23 N·m (2.3 kgf·m, 16.5 lb·ft)



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- 4) Pour new oil through the oil filler. When performing an oil change (without oil filter replacement), the engine will hold about 2.2 L (2.3/1.9 US/Imp qt) of oil. Use of SF/SG or SH/SJ in API with MA in JASO.
- 5) Start up the engine and allow it to run for several minutes at idling speed.
- 6) Turn off the engine and wait about three minutes.

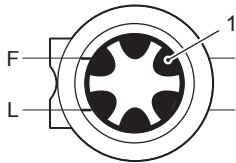
- 7) Hold the motorcycle vertically and check the oil level through the inspection window (3). The oil level should be between the low level "L" and full level "F".



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Oil Level Inspection

- 1) Place the motorcycle on the side-stand.
- 2) Start up the engine and allow it to run for several minutes at idle speed.
- 3) Turn off the engine and wait about three minutes.
- 4) Hold the motorcycle vertically and check the oil level through the inspection window (1). The oil level should be between the low level "L" and full level "F".



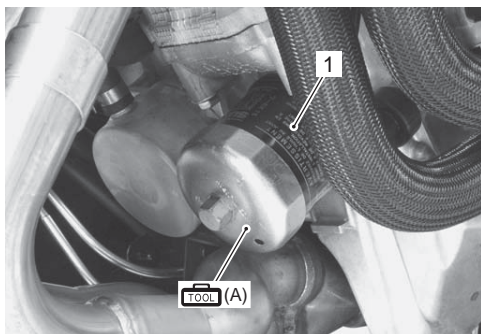
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Oil Filter Replacement

- 1) Remove the left side cowling. Refer to "Exterior Parts Removal and Installation in Section 9D (Page 9D-11)".
- 2) Drain engine oil as described in the engine oil replacement procedure.
- 3) Remove the oil filter (1) using the special tool.

Special tool

TOOL (A): 09915-40610 (Oil filter wrench)



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- 4) Apply engine oil lightly to the O-ring of new oil filter, before installation.

⚠ CAUTION

ONLY USE A GENUINE SUZUKI MOTORCYCLE OIL FILTER.

Other manufacturer's oil filters may differ in thread specifications (thread diameter and pitch), filtering performance and durability which may lead to engine damage or oil leaks. Also, do not use a genuine Suzuki automobile oil filter on this motorcycle.

- 5) Install the new oil filter. Turn it by hand until you feel that the oil filter O-ring contacts the oil filter mounting surface. Then, tighten the oil filter two full turns (or to specified torque) using the special tool.

NOTE

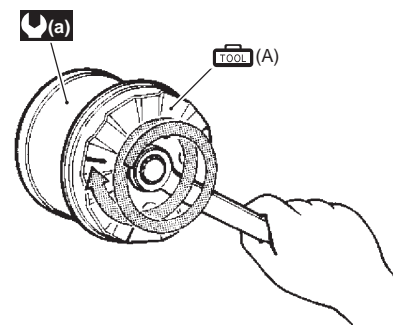
To properly tighten the oil filter, use the special tool. Never tighten the oil filter by hand only.

Special tool

TOOL (A): 09915-40610 (Oil filter wrench)

Tightening torque

Oil filter (a): 20 N·m (2.0 kgf-m, 14.5 lb-ft)



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- 6) Add new engine oil and check the oil level is as described in the engine oil replacement procedure.

Necessary amount of engine oil

Oil change: 2 200 ml (2.3/1.9 US/lmp qt)

Oil and filter change: 2 500 ml (2.6/2.2 US/lmp qt)

Engine overhaul: 2 900 ml (3.1/2.6 US/lmp qt)