



CAMSHAFT TIMING OIL CONTROL VALVE

SF0NR-02

ON-VEHICLE INSPECTION

1. INSPECT CAMSHAFT TIMING OIL CONTROL VALVE RESISTANCE

- (a) Disconnect the oil control valve connector.
- (b) Using an ohmmeter, measure the resistance between the terminals.

Resistance: 5.5 – 12 Ω at 20°C (68°F)

If the resistance is not as specified, replace the valve.

- (c) Reconnect the oil control valve connector.

2. INSPECT VVT-i OPERATION

- (a) Allow the engine to warm up to normal operating temperature.
- (b) Check that the engine stalls or becomes in rough-idling state when the battery positive voltage is applied to the oil control valve with the engine idling.

If operation is not as specified, check the oil control valve (see [page FI-42](#)), VVT-i pulley, intake camshaft, wiring and engine ECU.