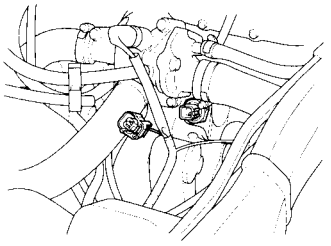
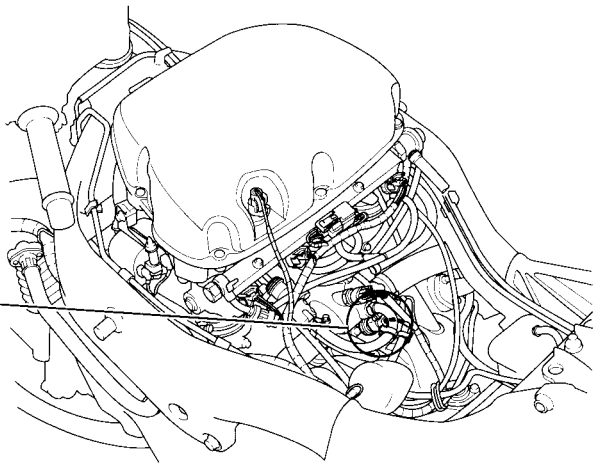
PGM-FI MALFUNCTION INDICATOR 25 BLINK (KNOCK SENSOR)

Turn the ignition switch OFF.

Disconnect the knock sensor connector.
Check for loose or poor contact on the knock sensor connector.





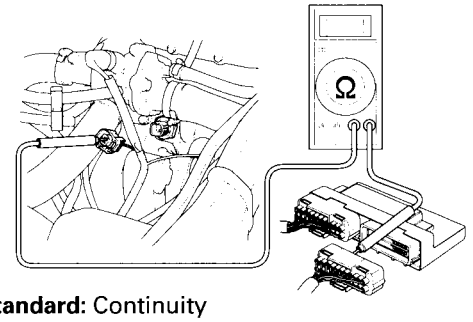
Connect the knock sensor connector.
Place the motorcycle on its side stand.
Start the engine and hold the engine rev above 2,500 min^{-1} (rpm) 10 seconds or more.
Check the malfunction indicator blinks.

No blinks → • Loose or poor contacts on the knock sensor connector

25 blinks ↓

Turn the ignition switch OFF.

Disconnect the knock sensor connector.
Disconnect the ECM 22P (Light gray) connector.
Turn the ignition switch ON.
Check for continuity Blue wire terminals between the knock sensor and ECM connector.



Standard: Continuity

No Continuity →
- Open or short circuit in Blue wire
- Loose or poor contact on the ECM connectors

Replace the knock sensor with a new one (page 5-81).
Short the service check connector (page 5-6).
Start the engine and check the malfunction indicator blinks.

No blinks → • Replaced knock sensor is faulty

25 blinks → • Replace the ECM with a new one, and inspect it again