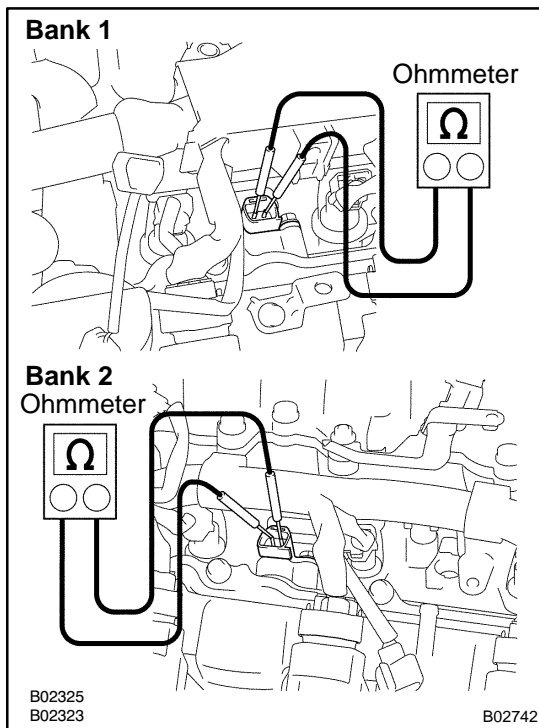


INSPECTION

1. REMOVE V-BANK COVER
2. VVT Sensor (Bank 2):
REMOVE INTAKE AIR CONNECTOR PIPE
3. VVT Sensor (Bank 1):
DISCONNECT ENGINE WIRE PROTECTOR FROM UPPER INTAKE MANIFOLD AND BEARING CAP
 - (a) Remove the No. 3 V-bank cover bracket.
 - (b) Disconnect the EVAP hose from VSV for EVAP.
 - (c) Remove the VSV for EVAP from upper intake manifold.
 - (d) Remove the No. 2 V-bank cover bracket from upper intake manifold.
 - (e) Disconnect the PCV hose from upper intake manifold.
 - (f) Remove the 4 bolts, and disconnect the engine wire protector from the upper intake manifold and camshaft bearing cap.



4. INSPECT VVT SENSOR RESISTANCE

NOTICE:

"Cold" and "Hot" in these sentences express the temperature of the sensors themselves. "Cold" is from -10°C (14°F) to 50°C (122°F) and "Hot" is from 50°C (122°F) to 100°C (212°F).

- (a) Disconnect the VVT sensor connectors.
- (b) Using a ohmmeter, measure the resistance between terminals.

Resistance:

Cold	835 – 1,400 Ω
Hot	1,060 – 1,645 Ω

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

- (c) Reconnect the VVT sensor connectors.
5. VVT Sensor (Bank 1):
REINSTALL ENGINE WIRE PROTECTOR TO UPPER INTAKE MANIFOLD AND BEARING CAP
6. VVT Sensor (Bank 2):
REINSTALL INTAKE AIR CONNECTOR PIPE
7. REINSTALL V-BANK COVER