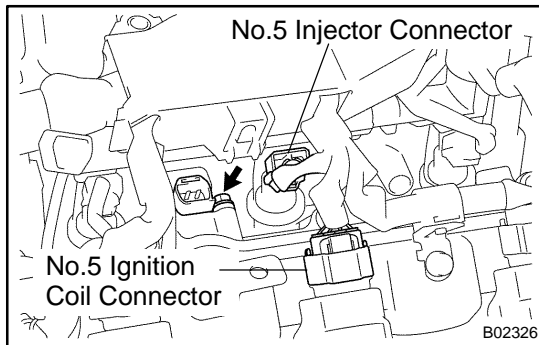


REPLACEMENT

1. REPLACE VVT SENSOR (BANK 1)

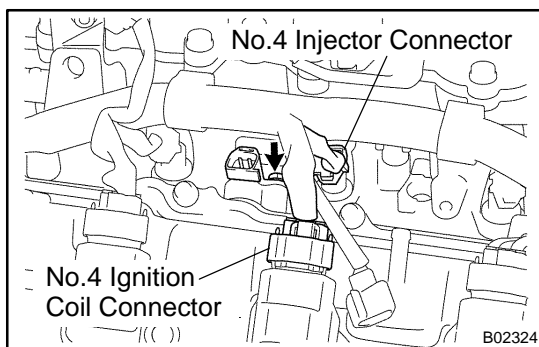
- (a) Remove the 2 cap nuts, 2 bolts and V-bank cover.
- (b) Disconnect the engine wire protector from upper intake manifold and bearing cap. (See page [SF-77](#))
- (c) Disconnect the VVT sensor connector.



- (d) Disconnect the No.5 ignition coil connector.
- (e) Disconnect the No.5 injector connector.
- (f) Remove the bolt, and pry out the VVT sensor.
- (g) Attach a new VVT sensor to the cylinder head.
- (h) Reinstall the VVT sensor with the bolt.
Torque: 6.5 N·m (65 kgf·cm, 58 in.-lbf)
- (i) Reconnect the No.5 injector connector.
- (j) Reconnect the No.5 ignition coil connector.
- (k) Reconnect the VVT sensor connector.
- (l) Reinstall the engine wire protector.
- (m) Reinstall the V-bank cover with the 2 cap nuts and 2 bolts.

2. REPLACE VVT SENSOR (BANK 2)

- (a) Remove the 2 cap nuts, 2 bolts and V-bank cover.
- (b) Remove the intake air connector pipe.
- (c) Disconnect the VVT sensor connector.



- (d) Disconnect the No.4 ignition coil connector.
- (e) Disconnect the No.4 injector connector.
- (f) Remove the bolt, and pry out the VVT sensor.
- (g) Attach a new VVT sensor to the cylinder head.
- (h) Reinstall the VVT sensor with the bolt.
Torque: 6.5 N·m (65 kgf·cm, 58 in.-lbf)
- (i) Reconnect the No.4 ignition coil connector.
- (j) Reconnect the No.4 injector connector.
- (k) Reconnect the VVT sensor connector.
- (l) Reinstall the intake air connector pipe.
- (m) Reinstall the V-bank cover with the 2 cap nuts and 2 bolts.