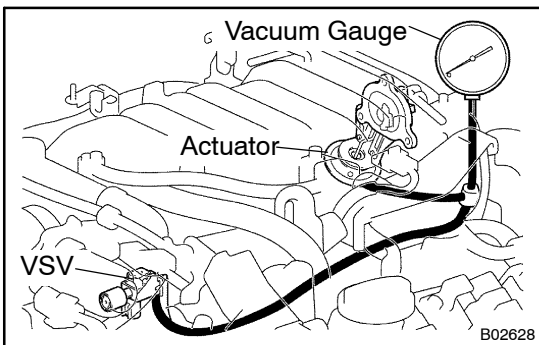


ACOUSTIC CONTROL INDUCTION SYSTEM (ACIS) ON-VEHICLE INSPECTION

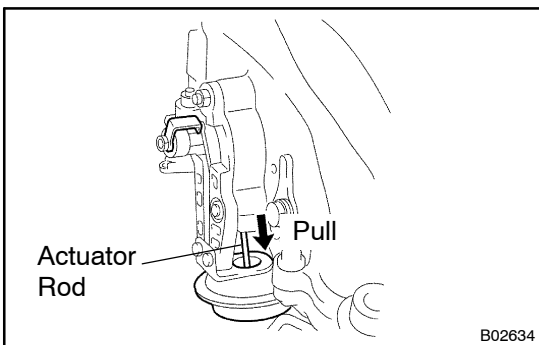
FI0WQ-01

1. REMOVE V-BANK COVER
2. CONNECT VACUUM GAUGE
 - (a) Disconnect the throttle body from the intake manifolds.
(See [page FI-42](#))
 - (b) Remove the upper and lower intake manifolds assembly.
(See [page EM-36](#))



- (c) Using a 3 – way connector, connect vacuum gauge to the vacuum hose between the actuator and VSV.
- (d) Reinstall the upper and lower Intake manifolds assembly.
(See [page EM-60](#))
- (e) Reinstall the throttle body. (See [page FI-44](#))

3. START ENGINE



4. INSPECT ACIS OPERATION

- (a) While the engine is idling, check that the vacuum gauge needle momentarily fluctuates up to approx. 39.9 kpa (300 mmHg, 11.78 in.Hg). (The actuator rod is pulled out.)
- (b) Rapidly depress the accelerator pedal to fully open position and check that the vacuum gauge needle points to 0 kpa (0 mmHg, 0 in.Hg). (The actuator rod is returned.)
If operation is not as specified, check each part.

5. REMOVE VACUUM GAUGE

- (a) Disconnect the throttle body from the intake manifolds.
- (b) Remove the upper and lower intake manifolds assembly.
- (c) Remove the vacuum gauge, and reconnect the vacuum hose to their proper locations.
- (d) Reinstall the upper and lower Intake manifolds assembly.
- (e) Reinstall the throttle body.

6. REINSTALL V-BANK COVER