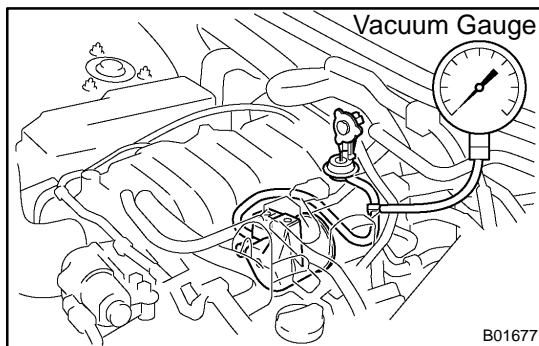


ACOUSTIC CONTROL INDUCTION SYSTEM (ACIS) ON-VEHICLE INSPECTION

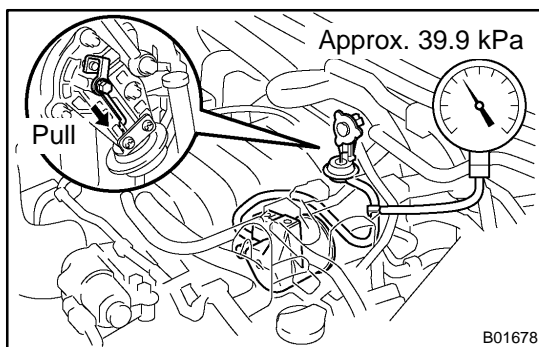
SF0FO-02

INSPECT INTAKE AIR CONTROL VALVE

- (a) Remove V-bank cover.
- (b) Remove the battery clamp cover, air cleaner and intake air connector.
- (c) Disconnect the throttle body from the intake manifold.
(See page [SF-59](#))
- (d) Remove the intake manifold. (See page [EM-34](#))



- (e) Using a 3-way connector, connect vacuum gauge to the actuator hose.
- (f) Reinstall the intake manifold.
- (g) Reconnect the throttle body.
- (h) Start the engine.



- (i) While the engine is idling, check that the vacuum gauge needle momentarily fluctuates up to approx. 39.9 kPa (300 mmHg, 11.8 in.Hg). (The actuator rod is pulled out.)
- (j) 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.)
- (k) Disconnect the throttle body.
- (l) Remove the intake manifold.
- (m) Remove the vacuum gauge, and connect the vacuum hose to the actuator.
- (n) Reinstall the intake manifold.
- (o) Reconnect the throttle body.
- (p) Reinstall the intake air connector, air cleaner inlet and battery clamp cover.
- (q) Reinstall V-bank cover.