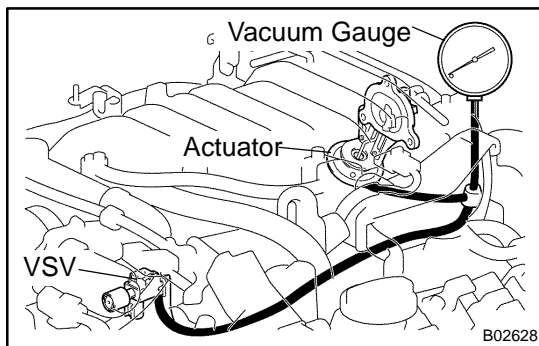


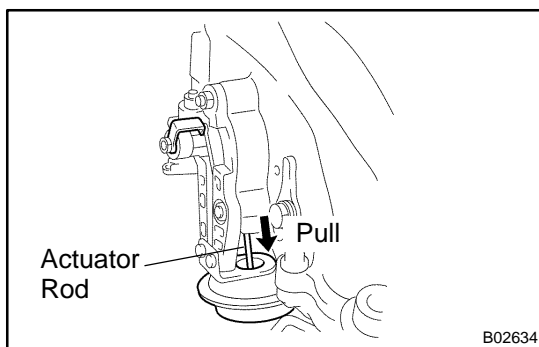
ACOUSTIC CONTROL INDUCTION SYSTEM (ACIS) ON-VEHICLE INSPECTION

SF0PD-02

1. **REMOVE V-BANK COVER**
2. **CONNECT VACUUM GAUGE**
 - (a) Disconnect the throttle body from the intake manifolds.
(See page [SF-37](#))
 - (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 [SF-40](#))
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**