

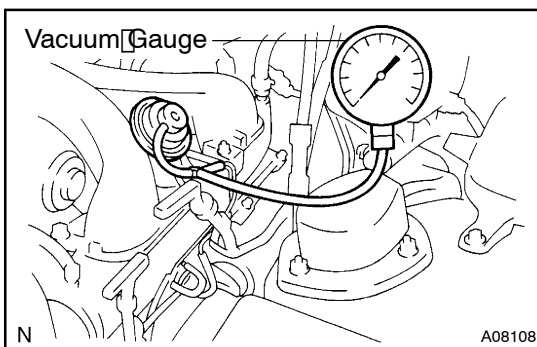
# ACOUSTIC CONTROL INDUCTION SYSTEM (ACIS)

SF0FO-03

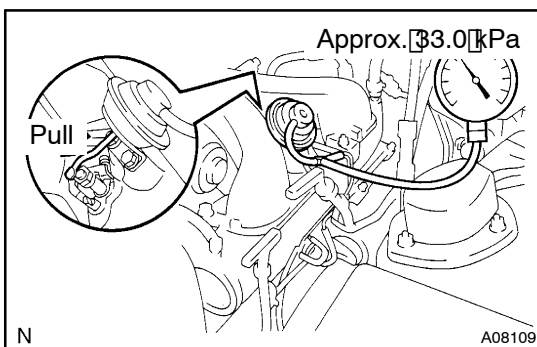
## ON-VEHICLE INSPECTION

### INSPECT INTAKE AIR CONTROL VALVE

- (a) Remove V-bank cover.
- (b) Remove the battery clamp cover, air cleaner and intake air connector.
- (c) Remove the LH and RH throttle body from the intake air surge tank LH and RH (See page EM-14).
- (d) Remove the 8 nuts and intake air connector LH and RH.



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



- (i) While the engine is idling, check that the vacuum gauge needle momentarily fluctuates up to approx. 33.0 kPa (250 mmHg, 9.8 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 LH and RH throttle body.
- (l) Remove the intake air connector LH and RH.
- (m) Remove the vacuum gauge, and connect the vacuum hose to the actuator.
- (n) Reinstall the intake air connector LH and RH.
- (o) Reconnect the LH and RH throttle body.
- (p) Reinstall the intake air connector, air cleaner inlet and battery clamp cover.
- (q) Reinstall V-bank cover.