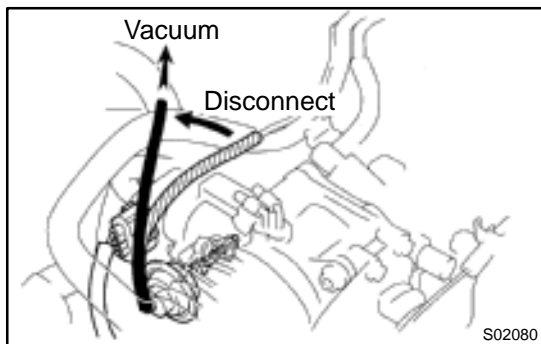


THROTTLE BODY ON-VEHICLE INSPECTION

SF10C-02

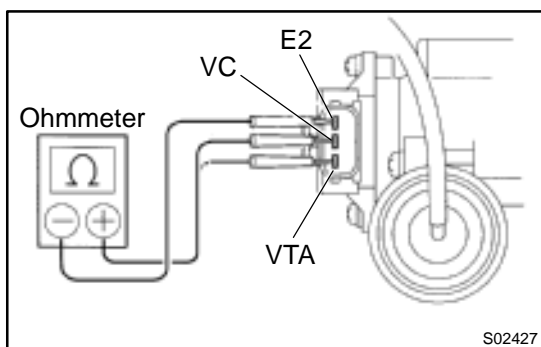
1. INSPECT THROTTLE BODY

Check that the throttle linkage moves smoothly.



2. INSPECT THROTTLE POSITION SENSOR

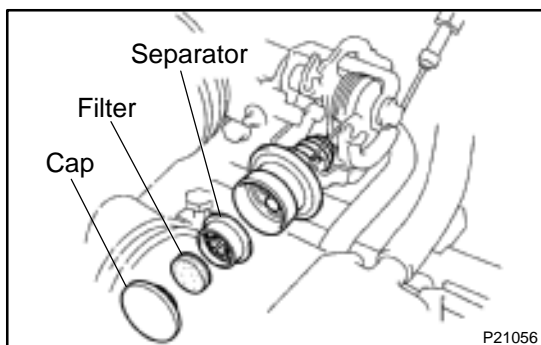
- Apply vacuum to the throttle opener.
- Disconnect the sensor connector.



- Using an ohmmeter, measure the resistance between each terminal.

Throttle valve condition	Between terminals	Resistance
Fully closed	VTA – E2	0.2 – 5.7 k Ω
Fully open	VTA – E2	2.0 – 10.2 k Ω
–	VC – E2	2.5 – 5.9 k Ω

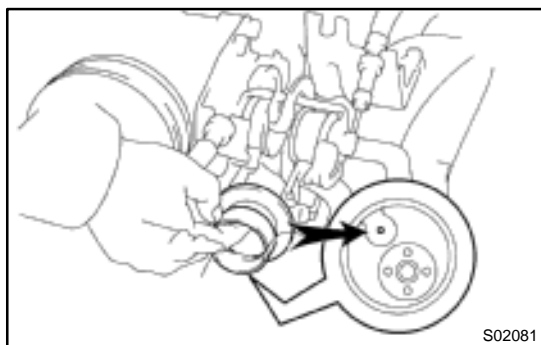
- Reconnect the sensor connector.



3. M/T:

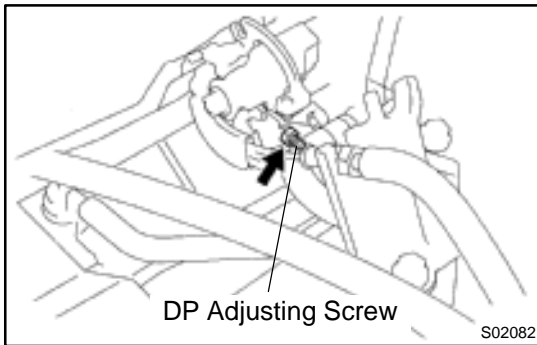
INSPECT DASHPOT (DP)

- Allow the engine to warm up to normal operating temperature.
- Check the idle speed.
Idle speed: 700 \pm 50 rpm
- Remove the cap, filter and separator from the DP.



- Maintain the engine speed at 2,500 rpm or more.
- Plug the VTV hole with your finger.
- Release the throttle valve.
- Check the DP is set.

DP setting speed: 1,800 – 2,200 rpm



- (h) If the setting speed is not as specified, adjust it with the DP adjusting screw.
- (i) Remove your finger from the hole and check that the engine returns to the idle speed in approx. 1 second.
- (j) Reinstall the DP separator, filter and cap.

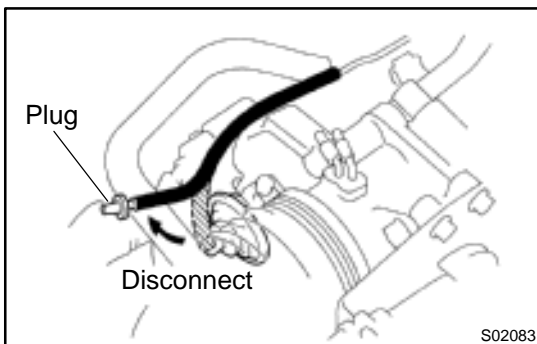
HINT:

Install the filter with the coarser surface facing the atmospheric side (outward).

4. INSPECT THROTTLE OPENER

- (a) Allow the engine to warm up to normal operating temperature.
- (b) Check the idle speed.

Idle speed: 700 ± 50 rpm



- (c) Disconnect the vacuum hose from the throttle opener, and plug the hose end.
- (d) Check the throttle opener setting speed.

Throttle opener setting speed: 900 – 1,950 rpm

If the throttle opener setting is not as specified, replace the throttle body.

- (e) Stop the engine.
- (f) Reconnect the vacuum hose to the throttle opener.
- (g) Start the engine and check that the idle speed returns to the correct speed.