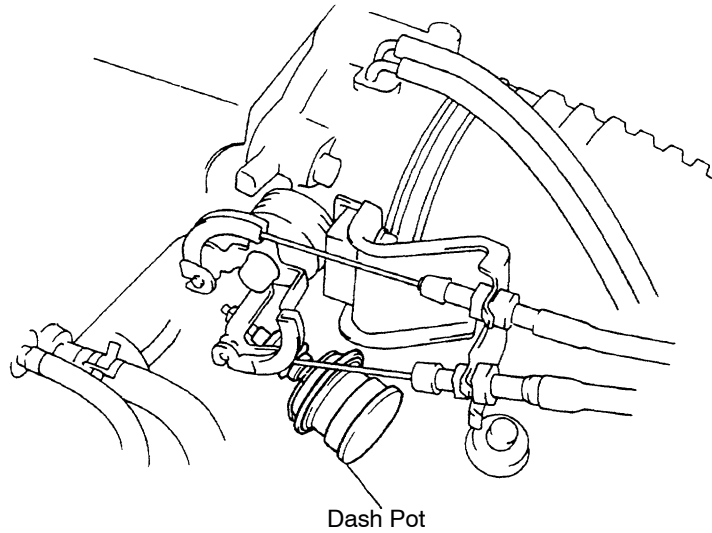
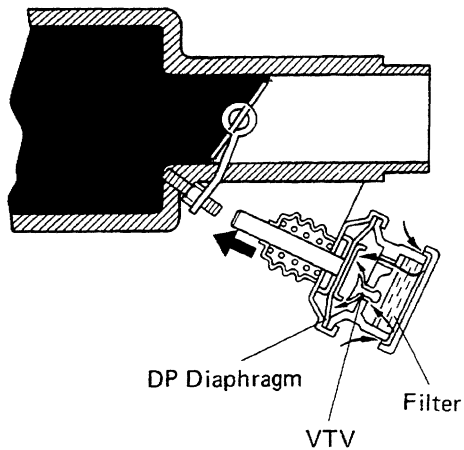


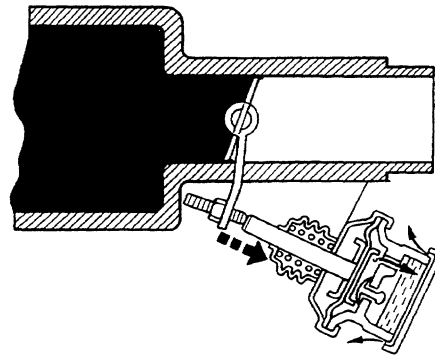
DASH POT (DP) SYSTEM



Normal Driving

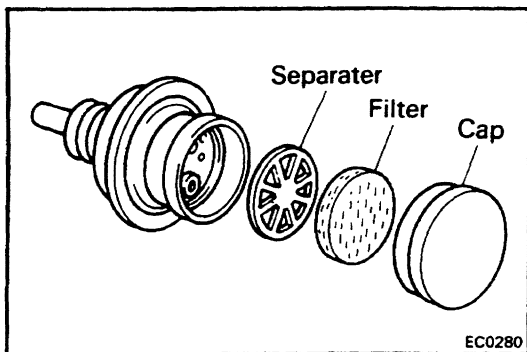


Deceleration



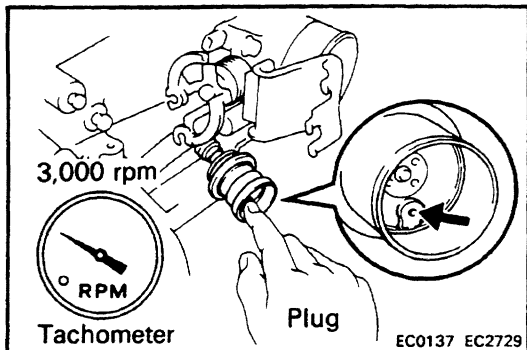
To reduce HC and CO emissions, when decelerating the dash pot keeps the throttle valve open slightly more than at idle. This causes the air-fuel mixture to burn completely.

Condition	Diaphragm	VTV	Throttle Valve
Idling	Pushed in by return force of throttle valve	CLOSED	Idle speed position
Normal driving	Pushed out by diaphragm spring	OPEN	High speed position
Deceleration	Pushed in by return force of throttle valve	CLOSED	Is slightly open and then slowly closes to idle position



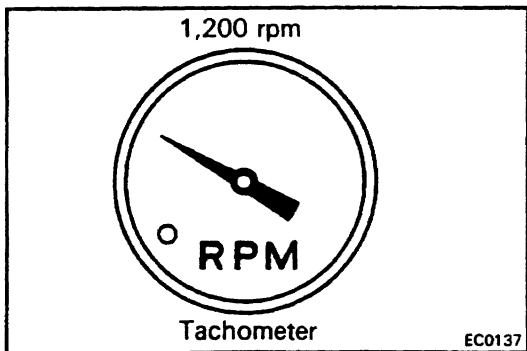
INSPECTION OF DP SYSTEM

1. WARM UP ENGINE
2. CHECK IDLE SPEED
3. DISCONNECT ISC CONNECTOR
4. REMOVE CAP, FILTER AND SEPARATOR FROM DP

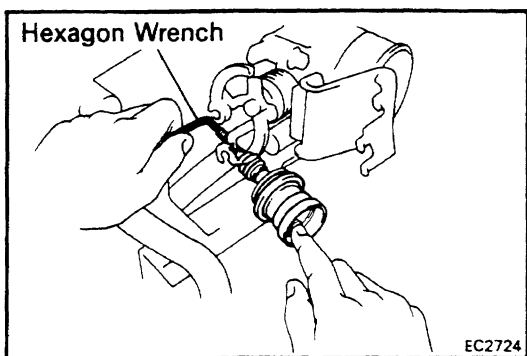


5. CHECK DP SETTING SPEED

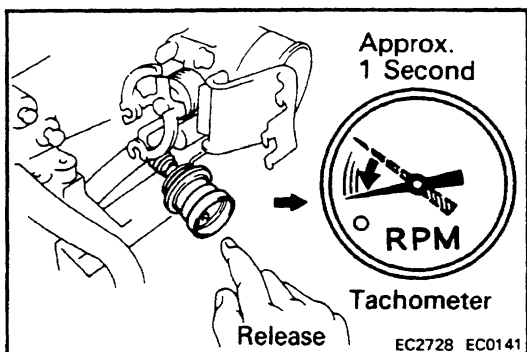
- (a) Maintain engine speed at 2,500 rpm.
- (b) Plug the VTV hole with your finger.



- (c) Release the throttle valve.
 - (d) Check that the DP is set.
- DP setting speed: 1,200 rpm.**



If not as specified, adjust with the DP adjusting screw.



6. CHECK OPERATION OF VTV

- (a) Set the DP speed in the same procedure as above; (a) to (c) .
- (b) Remove your finger from the hole and check that the engine returns to idle in approx. 1 second.

7. REINSTALL DP SEPARATOR, FILTER AND CAP
8. RECONNECT ISC CONNECTOR