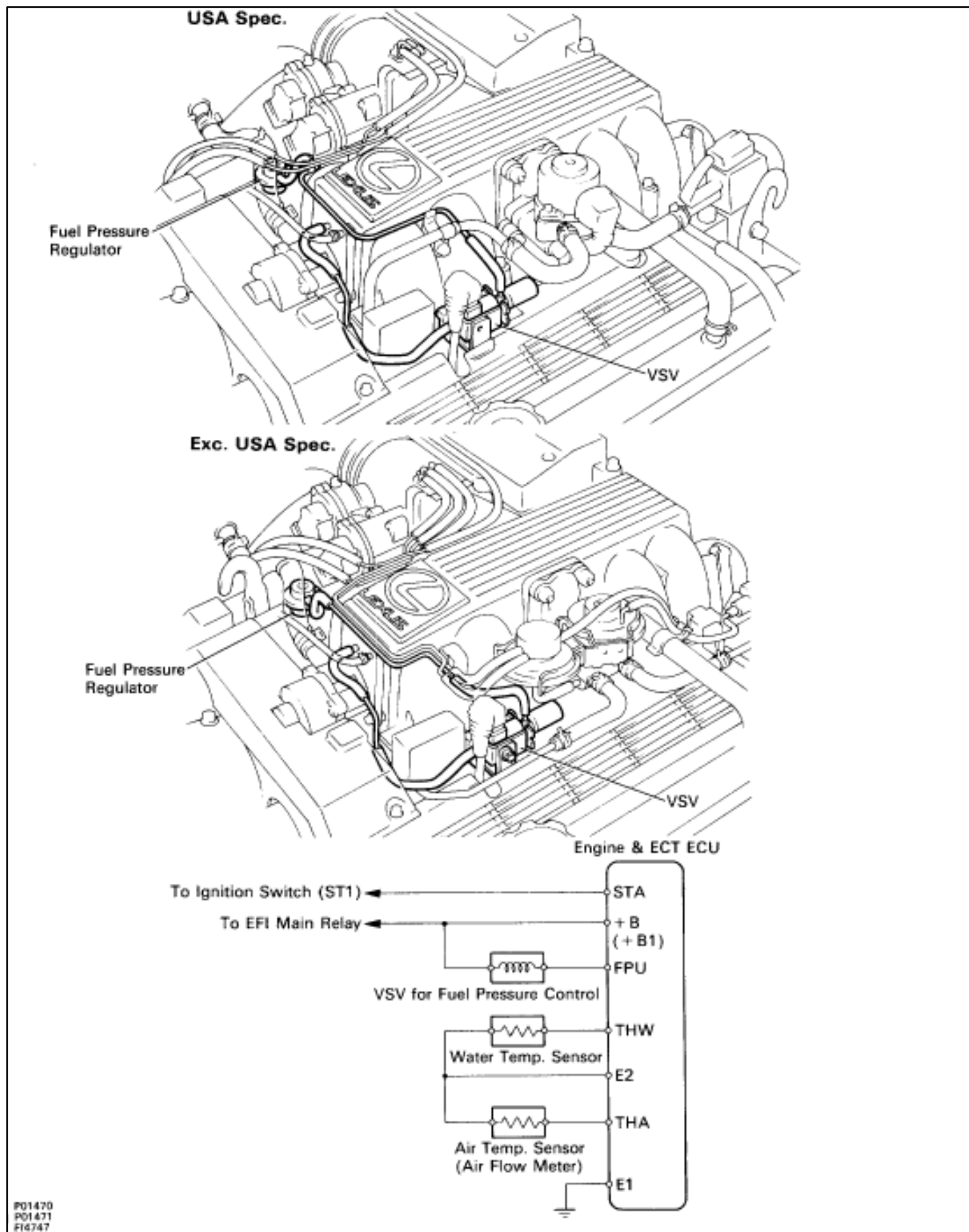
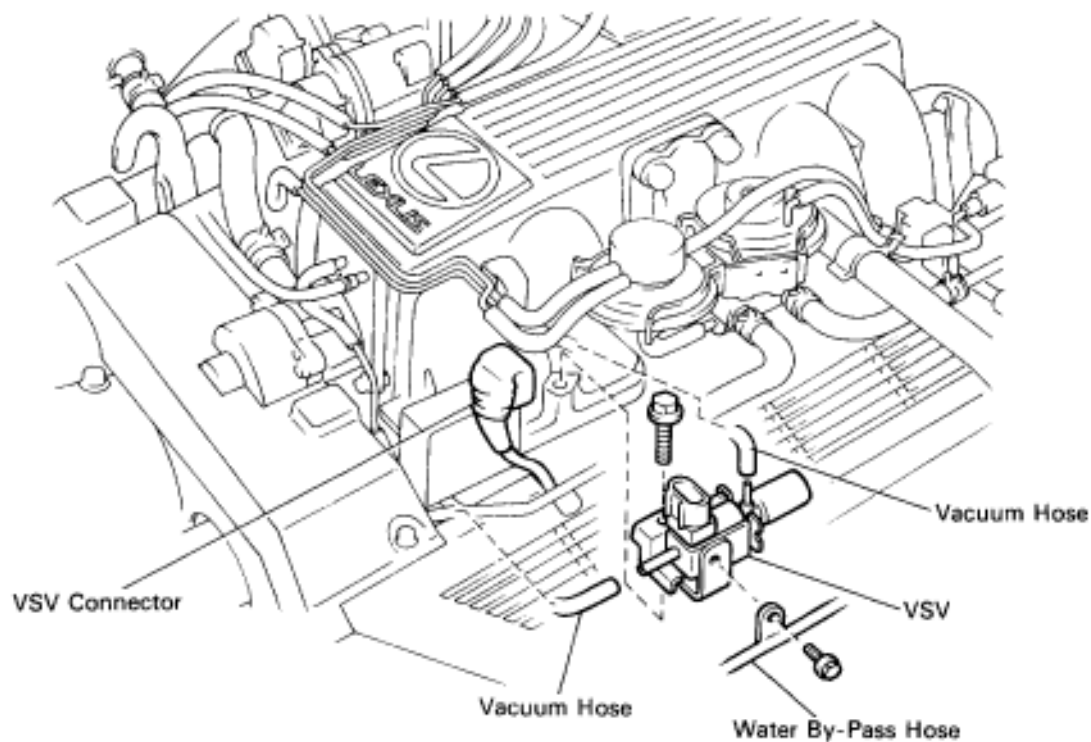
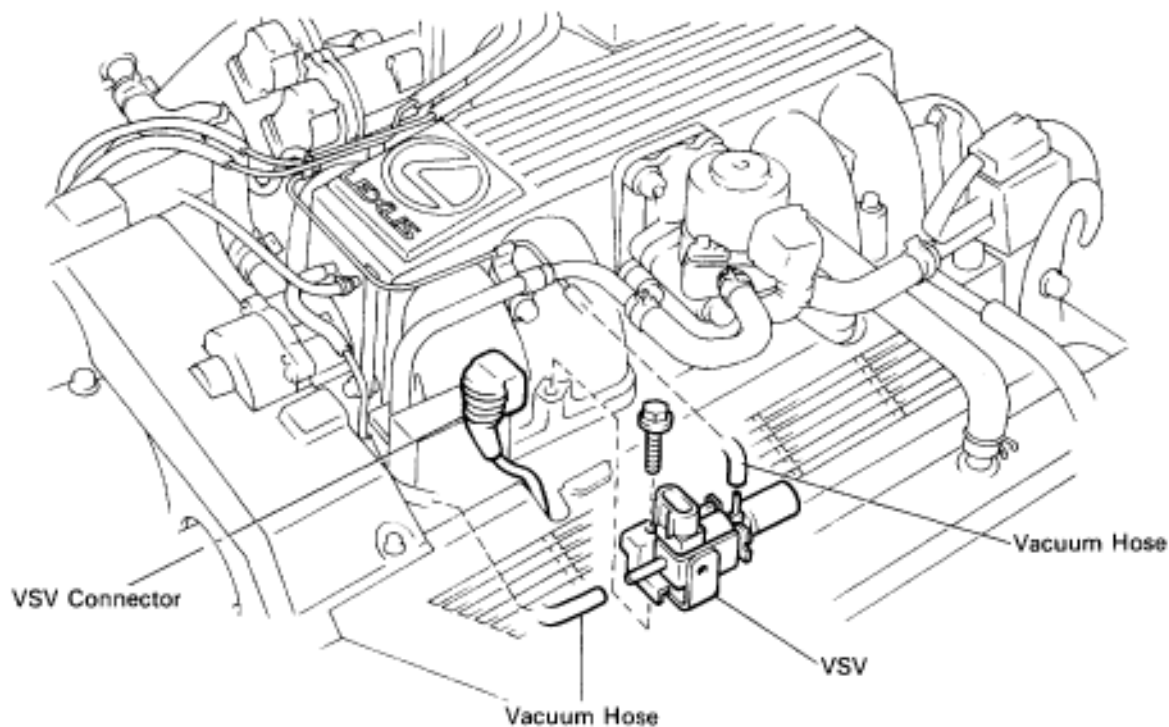


VSV for Fuel Pressure Control

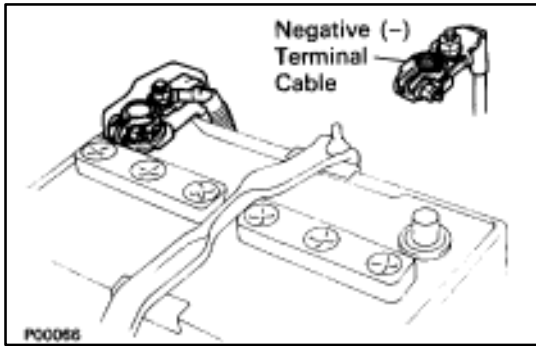


COMPONENTS FOR REMOVAL AND INSTALLATION**Exc. USA Spec.**

P01460

USA Spec.

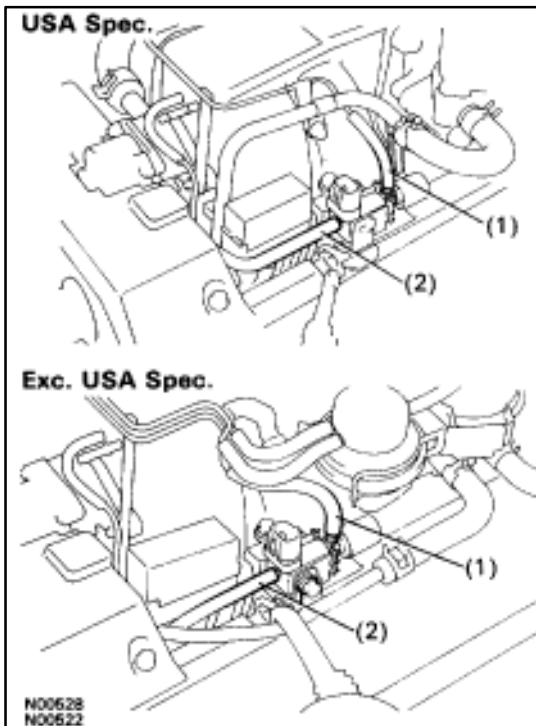
P01459



INSPECTION OF VSV FOR FUEL PRESSURE CONTROL

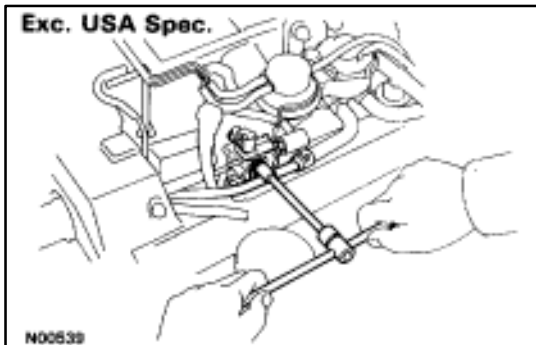
1. DISCONNECT CABLE FROM NEGATIVE TERMINAL OF BATTERY

CAUTION: Work must be started after approx. 20 seconds or longer from the time the ignition switch is turned to the "LOCK" position and the negative (-) terminal cable is disconnected from the battery.

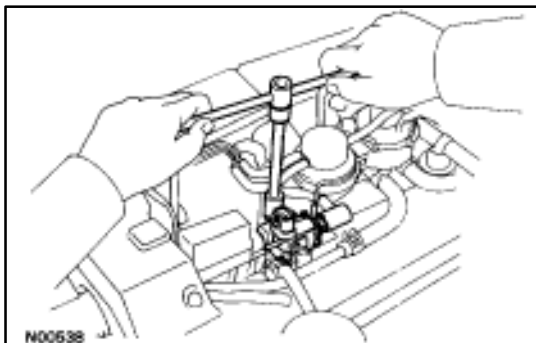


2. REMOVE VSV

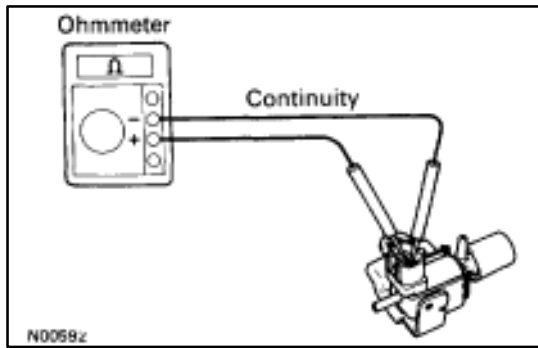
- (a) Disconnect the VSV connector.
- (b) Disconnect the following hoses from VSV:
 - (1) Vacuum hose (from fuel pressure regulator)
 - (2) Vacuum hose (from air intake chamber)



- (c) (Exc. USA Spec.)
Remove the bolt holding the water by-pass pipe to the VSV.



- (d) Remove the bolt and VSV.



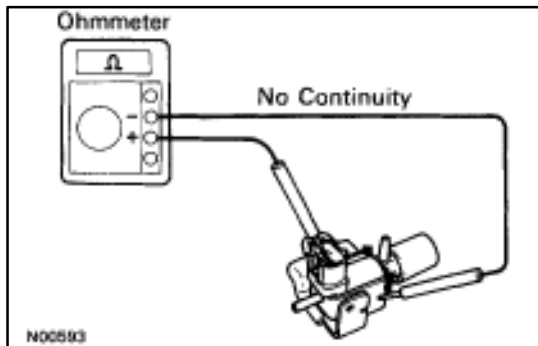
3. INSPECT VSV

A. Inspect VSV for open circuit

Using an ohmmeter, check that there is continuity between the terminals.

Resistance (Cold): 37–44 Ω

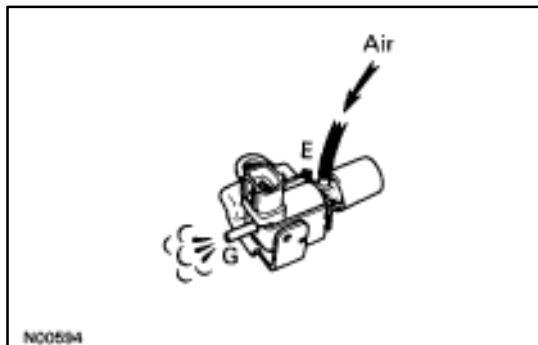
If there is no continuity, replace the VSV.



B. Inspect VSV for ground

Using an ohmmeter, check that there is no continuity between each terminal and the body.

If there is continuity, replace the VSV.



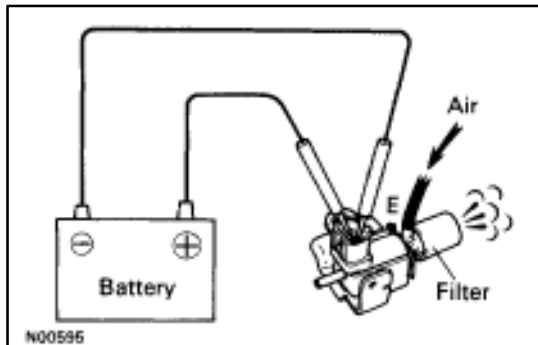
C. Inspect VSV operation

(a) Check that air flows from ports E to G.

(b) Apply battery voltage across the terminals.

(c) Check that air flows from ports E to the filter.

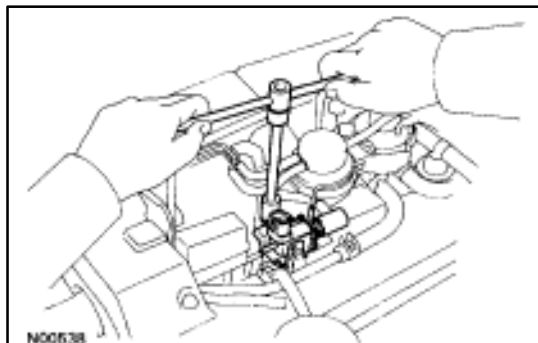
If operation is not as specified, replace the VSV.

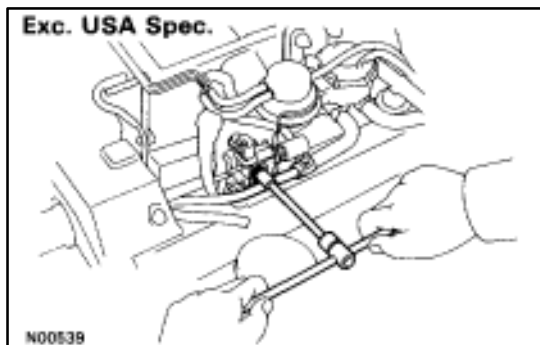


4. REINSTALL VSV

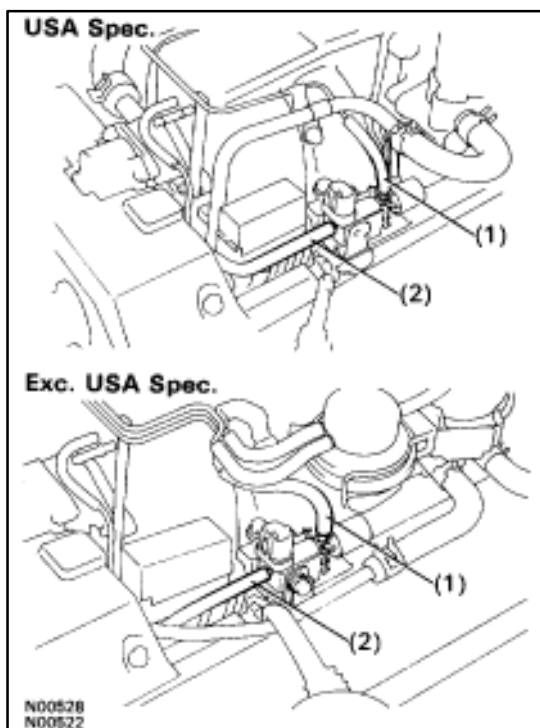
(a) Install the VSV with the bolt.

Torque: 18 N·m (185 kgf·cm, 13 ft·lbf)





- (b) (Exc. USA Spec.)
Install the water by-pass pipe to the VSV with the bolt.



- (c) Connect the following hoses to VSV:
(1) Vacuum hose (from fuel pressure regulator)
(2) Vacuum hose (from air intake chamber)
(d) Connect the VSV connector.

5. RECONNECT CABLE TO NEGATIVE TERMINAL OF BATTERY