

TSIB

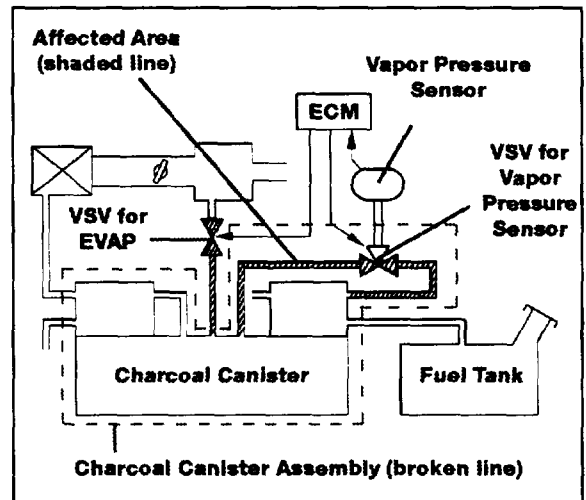
Title: **EVAP SYSTEM DIAGNOSIS: P0441 / P0446**
 Models: **ES 300, SC 400, LS 400, LX 450**

Introduction The following procedure is recommended for repair of MIL "ON" conditions involving confirmed DTC P0441 and P0446.

Affected Vehicles • All ES 300, SC 400, LS 400, LX 450 that display a code P0441 or P0446.

Repair Procedure

- A. Diagnostics for P0441:**
1. Remove Vacuum Hoses between EVAP VSV and Charcoal Canister and discard.
 2. If there is a metal vapor pipe between EVAP VSV and Charcoal Canister, clean inside of vapor pipe.
 3. Replace EVAP VSV and Charcoal Canister assembly with new parts.
 4. Install new vacuum hoses between EVAP VSV and Charcoal Canister.
- B. Diagnostics for P0446:**
1. Inspect vacuum hoses and pipes between EVAP (Purge) VSV and Charcoal Canister for leaks.
 2. Replace Vapor Pressure VSV and Canister.



NOTE:
 When performing diagnostics for an occurrence of a MIL "ON" condition, the Diagnostic Trouble Code (DTC) P0441 may be the result of debris in the Evaporative Emission Control System. This may cause blockage of a vapor line, or a stuck VSV, as described in the troubleshooting area of the Repair Manual.

Warranty Information

OP CODE	VWG	DESCRIPTION	TIME	OPN	T1	T2
N/A	-	Not Applicable to Warranty	-	-	-	-

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