



#04-06-04-055A: LR4, LM4, LM7, L59, LQ9, LQ4, L18 DTC P0446 (Restricted/Blocked EVAP Vent Path) Set, Service Engine Soon (SES) Lamp Illuminated (Replace Vent Solenoid and Bracket) - (Mar 20, 2006)

Subject: LR4, LM4, LM7, L59, LQ9, LQ4, L18 DTC P0446
(Restricted/Blocked EVAP Vent Path) Set, Service Engine Soon (SES) Lamp Illuminated (Replace Vent Solenoid and Bracket)

Models: 2000-2003 Cadillac Escalade
2002-2003 Cadillac Escalade EXT
2003 Cadillac Escalade ESV
2000-2003 Chevrolet Suburban, Tahoe
2002-2003 Chevrolet Avalanche
2000- 2003 GMC Yukon, Yukon XL
with 4.8L, 5.3L, 6.0L, 8.1L Vortec™ V8 Engine (VINs V, P, T, Z, N, U, G -- RPOs LR4, LM4, LM7, L59, LQ9, LQ4, L18)

This bulletin is being revised to add updated warranty information and enhance the content. Please discard Corporate Bulletin Number 04-06-04-055 (Section 06 -- Engine/Propulsion System).

Condition

Some customers whose vehicles are operated in dusty type environments, such as farming or mining off-road type applications, may comment about the illumination of the instrument panel SES light, with a DTC of P0446 (Restricted/Blocked EVAP Vent Path) being set.

Cause

Dirt and dust intrusion into the EVAP canister vent solenoid, resulting in restricted air flow, may cause this condition.

Correction

DO THIS	DON'T DO THIS
Replace the EVAP vent solenoid with a more robust vent solenoid.	DO NOT Replace the EVAP canister or other EVAP parts.

After following the Service Manual diagnostic P0446 and determining that the EVAP canister vent valve is the cause of the SES light, replace the existing EVAP canister vent solenoid and bracket. This new vent solenoid has an enhanced filtering capability and a filter element that can be easily removed and cleaned. To ensure correct installation, follow the procedure below.

1. Raise and suitably support the vehicle. Refer to Lifting and Jacking the Vehicle in General Information.
2. Remove the bolt retaining the vent valve bracket.
3. Disconnect the electrical connector.
4. Disconnect the canister vent valve hose.
5. Install the new vent valve bracket, P/N 15105605, to the vehicle with the retaining bolt.

Tighten

Tighten the bracket mounting bolt to 12 N·m (106 lb in).

6. Install the new vent valve, P/N 10382105, to the bracket.
7. Reinstall the electrical connector.
8. Reinstall the canister vent valve hose.
9. Lower the vehicle.
10. Clear the DTC.

Parts Information

Part Number	Description	Qty
15105605	Bracket, EVAP Emission Canister Purge	1
10382105	Valve, EVAP Emission Canister Control	1