

# INSTALL/REMOVAL INSTRUCTIONS: EVAP CANISTER VENT VALVE

**ATTENTION:** Refer to the appropriate shop manual for your vehicle to obtain specific service procedures for this part. If you do not have a service manual or lack the skill to install this part, it is recommended that you seek the services of a qualified technician. Pay special attention to all cautions and warnings included in the shop manual. Read and follow all instructions carefully.



**REMOVAL/INSTALL OF EVAP CANISTER VENT VALVE**  
2008–1999 Chevrolet Silverado, 2008–1999 GMC Sierra

**NOTE:**

This kit is intended to relocate the vent valve. The bracket included is different from the original and results in a new mounting location for the vent valve, which will also be a different style from what may have originally been included with the vehicle. The secondary air filter and hosing is also not originally included with the vehicle.

**PLEASE WEAR SAFETY GLASSES!**

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## Removal Instructions

**STEP 1:** Safely raise the vehicle off the ground and suitably support the vehicle. **NOTE:** CONSULT THE VEHICLE'S OWNER'S MANUAL OR SHOP MANUAL TO DETERMINE THE PROPER WAY OF RAISING AND LOWERING YOUR VEHICLE.



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**STEP 2:** Disengage the two vent valve pipe clips securing the pipe to the underbody. Remove the clips from the underbody and discard.

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**STEP 3:** Disconnect the vent valve pipe at the EVAP canister.



**STEP 4:** Remove and retain the EVAP canister vent valve bracket mounting bolt.



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**STEP 5:** Disconnect the EVAP canister vent valve electrical connector, if equipped.



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**STEP 6:** Remove the complete EVAP canister vent valve assembly with bracket attached and discard.

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## Installation Instructions

**STEP 1:** Position and secure the new valve pipe to the frame bracket on the outside of the frame using the existing hole and mounting bolt. Its clips will attach in the original locations and the connector will reattach to the charcoal canister vent port. It will then route beside and over the top of the gas tank. Tighten the bracket mounting bolt to 12 N·m (106 lb in).



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**STEP 2:** Connect the vent valve pipe to the EVAP canister.



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**STEP 3:** Install the two vent valve pipe clips into the existing underbody holes.

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**STEP 4:** Connect the EVAP canister vent valve electrical connector, if equipped. **NOTE:** The included pigtail adapter may have to be used, depending on the style of connector that came with the truck originally.



**STEP 5:** Attach bulk 5/8" hose to the vent valve port and secure using a clamp. Run a length as needed along the frame rail routing to the secondary air filter.



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**STEP 6:** Connect the secondary filter canister to the hose and cable-tie to the top of the frame rail near the back of the truck's cab.



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**STEP 7:** Cut the hose to determined length and install the supplied filter box. Secure using a clamp..

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**STEP 8:** Safely lower the vehicle. **NOTE:** CONSULT THE VEHICLE'S OWNER'S MANUAL OR SHOP MANUAL TO DETERMINE THE PROPER WAY OF RAISING AND LOWERING YOUR VEHICLE.