

"VOL"VOPENTA.

Volvo Penta of the Americas
 1300 Volvo Penta Drive
 Chesapeake, Virginia 23320-9810

Parts Bulletin

Group	Number	Version
P-23-7	3	01

Fuel Pressure Regulator

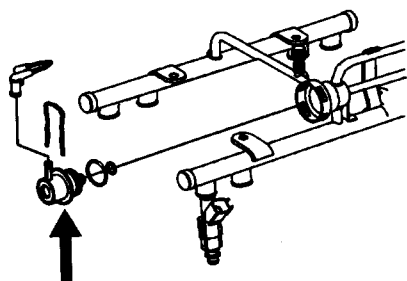
Models: 5.0L, 5.7L Gas EFI Engines

Distribution: Parts

Date: Jan, 2011

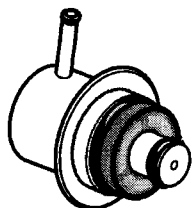
Binder: Parts

Replaces: N/A



Testing has determined that the fuel screen on the Fuel Pressure Regulator can cause a restriction of the fuel return line. Restricting the return line raises fuel pressure, which can degrade engine performance.

The screen has been removed in production, and replaced with an e-clip, beginning in 2010.



Regulators received from Parts still have the screen. When replacing regulators you must remove the screen, per the procedure below.



Remove the screen on earlier engines when replacing the regulator. Replace the screen with the e-clip.

Earlier engines that show high fuel pressure, a rich condition or poor fuel economy should be checked for the screen. Replace the screen with the e-clip.

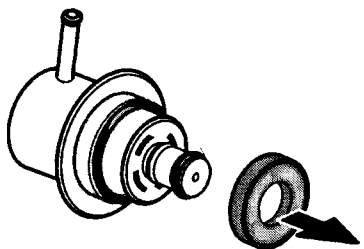


The e-clip, 21491831 must be purchased separately.

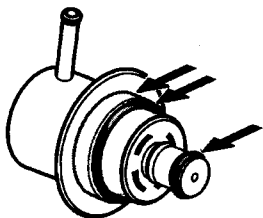
See the "EFI Repair" workshop manual for the procedure for removing and reinstalling the regulator..

Procedure

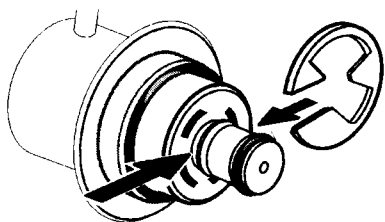
Gently pry the fuel screen off of the regulator..



Do not damage the o-rings or spacer when removing the screen.



Install an e-clip, part number 21491831 in place of the fuel screen.



& WARNING! The regulator will not seal to the fuel rail assembly if the e-clip is not installed. Fuel leakage will occur, which could result in fire or explosion.

The e-clip is installed in the groove in the small tube of the regulator, shown at the arrow in the image.

Be sure the e-clip, o-rings and spacer are installed correctly before installing the regulator..

Install the regulator according to the "EFI Repair" workshop manual.

