

5-10 FUEL SYSTEM

the injector you plan to test, then plug the "noid" light tool into the injector connector. Start the engine and the "noid" light should flash, signaling that the injector driver circuit is working. If the "noid" light flashes, but the injector does not click when plugged in, test the injector's resistance. Resistance should be between 11–18 ohms.

If the "noid" light does not flash, the injector driver circuit is faulty. Disconnect the negative battery cable. Unplug the "noid" light from the injector connector and also unplug the PCM. Check the harness between the appropriate pins on the harness side of the PCM connector and the injector connector. Resistance should be less than 5.0 ohms; if not, repair the circuit. If resistance is within specifications, the injector driver inside the PCM is faulty and replacement of the PCM will be necessary.

Fuel Pressure Regulator

REMOVAL & INSTALLATION

▶ See Figures 43, 44, 45 and 46

1. Disconnect the negative battery cable.
2. Remove the fuel tank cap and relieve the fuel system pressure, as explained in this section.
3. Disconnect the vacuum line at the pressure regulator.
4. Remove and discard the 3 Allen head screws retaining the regulator housing.
5. Remove the pressure regulator, gasket and O-ring.
6. If scraping is necessary to remove old gasket material, be careful not to damage the

pressure regulator or fuel supply manifold gasket surfaces.

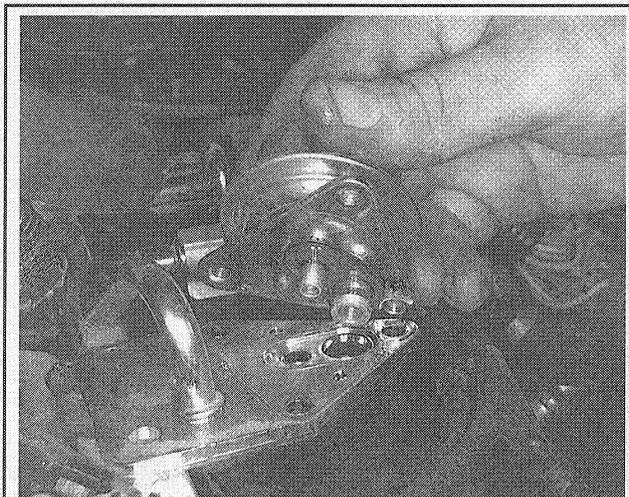
To install:

7. Lubricate a new fuel pressure regulator O-ring with clean engine oil.
- ▶ **Never use silicone grease as it will clog the injectors.**
8. Make sure the pressure regulator and fuel supply manifold gasket mating surfaces are clean.
9. Install the new O-ring and new gasket on the pressure regulator.
10. Install the fuel pressure regulator on the fuel supply manifold. Install new Allen screws and tighten to 27–40 inch lbs. (3–4.5 Nm).
11. Connect the vacuum line to the pressure regulator.



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Fig. 43 Remove the vacuum hose from the pressure regulator



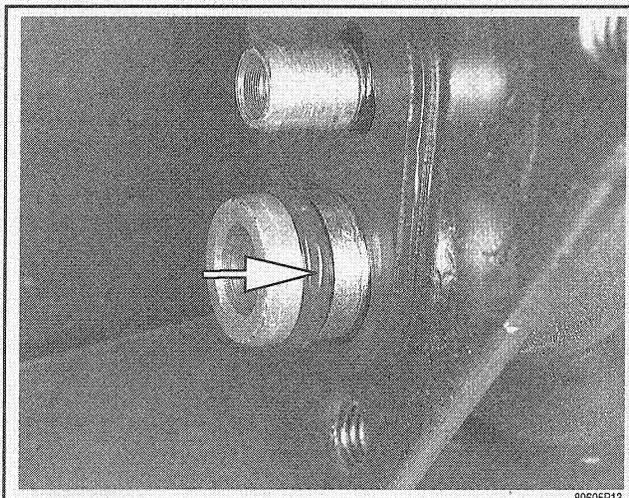
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Fig. 45 . . . lift the regulator off of the rail



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Fig. 44 Remove the pressure regulator retaining screws and . . .



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Fig. 46 Replace the O-ring on the bottom of the fuel pressure regulator