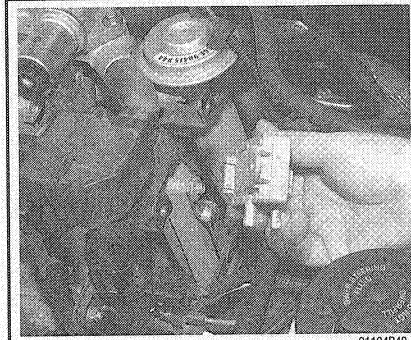


**Fig. 12 . . . remove the retaining nuts from the DPFE sensor and . . .**

91194P39



**Fig. 13 . . . remove the DPFE sensor from the intake manifold**

91194P40



**Fig. 14 Location of PFE sensor. Also note the EGR valve behind it. Lubricating the fasteners before removal**

93144P07

6. Attach all necessary hoses and wiring to the sensor.
7. Connect the negative battery cable.

**EGR Valve Control Solenoid**

▶ See Figures 15, 16, 17, 18 and 19

1. Disconnect the negative battery cable.
2. Label and detach the vacuum hoses from the EVR solenoid.
3. Detach the electrical connector from the solenoid.
4. Remove the retaining hardware, and remove the solenoid.

**To install:**

5. Position the solenoid and install the retaining hardware.

6. Attach the main emission vacuum control connector and the wiring harness connector to the EVR solenoid.
7. Connect the negative battery cable.

**EGR Valve**

**3.8L ENGINE**

1. Disconnect the negative battery cable.
2. Detach the vacuum line(s) and/or electrical connector(s) from the EGR valve.
3. Remove the mounting bolts, then remove the EGR valve. Remove all old gasket material.

**To install:**

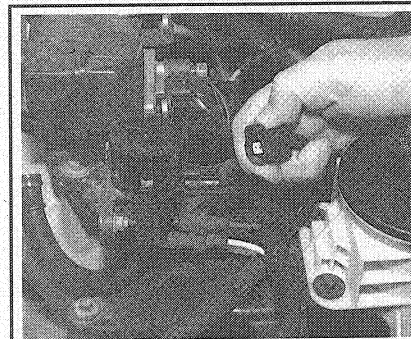
4. Using a new gasket, install the EGR valve, then secure using the retaining bolts.

5. Attach any vacuum lines or electrical connectors disengaged during removal.
6. Connect the negative battery cable.

**4.6L ENGINE**

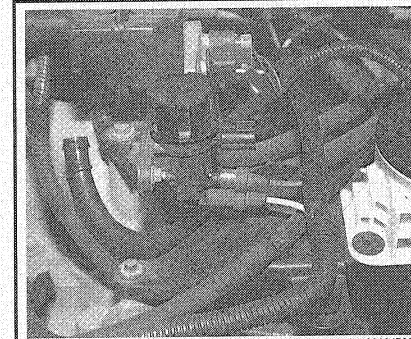
▶ See Figures 20 thru 27

1. Disconnect the negative battery cable.
2. Remove the vacuum hose from the EGR valve.
3. On the 4.6L engine, remove the nut and the brake booster bracket.
4. Disconnect the EGR valve-to-exhaust manifold tube from the EGR valve.
5. Remove the EGR valve mounting bolts, then separate the valve from the intake manifold.
6. Remove and discard the old EGR valve gas-



**Fig. 15 Detach the connector for the EVR solenoid**

91194P32



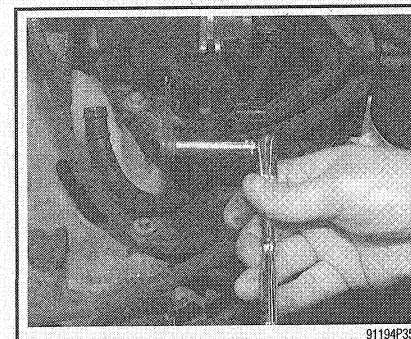
**Fig. 16 Match mark the vacuum hoses for the EVR solenoid and . . .**

91194P33



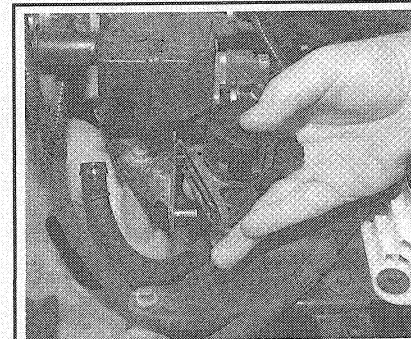
**Fig. 17 . . . remove the vacuum hoses from the EVR solenoid**

91194P34



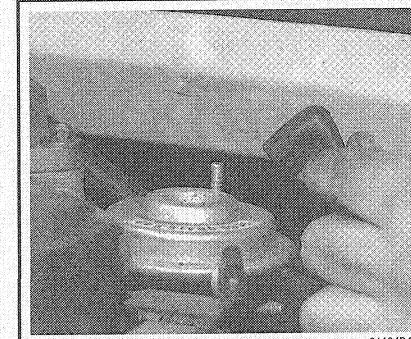
**Fig. 18 Remove the retaining nut for the solenoid and . . .**

91194P35



**Fig. 19 . . . remove the solenoid from the intake manifold**

91194P36



**Fig. 20 Remove the vacuum hose from the EGR valve**

91194P44