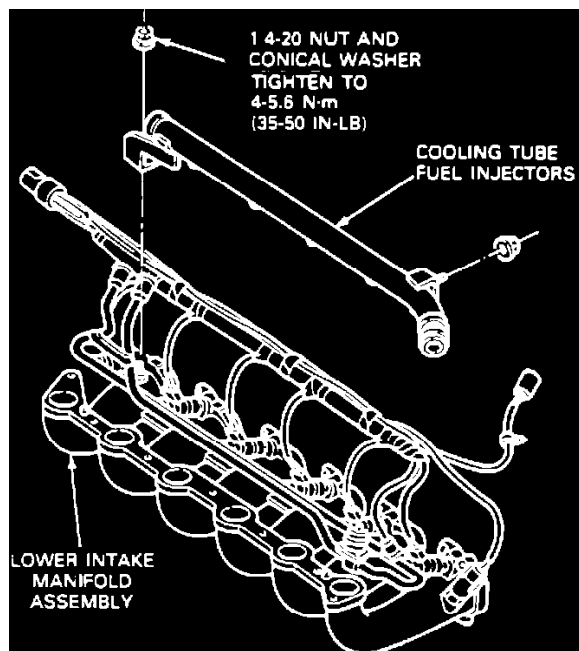


## Fuel Injection Supply Manifold Assembly: Service and Repair

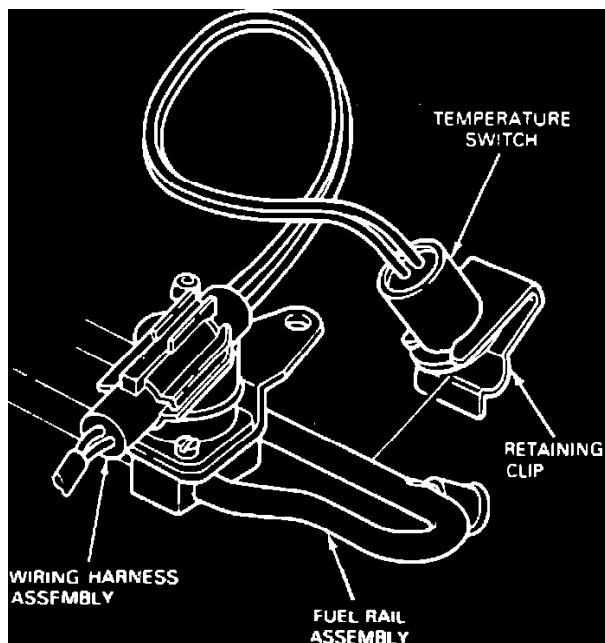
### REMOVAL

1. Remove the upper intake manifold assembly.
2. Disconnect the fuel supply and fuel return lines using a Quick Disconnect Tool.



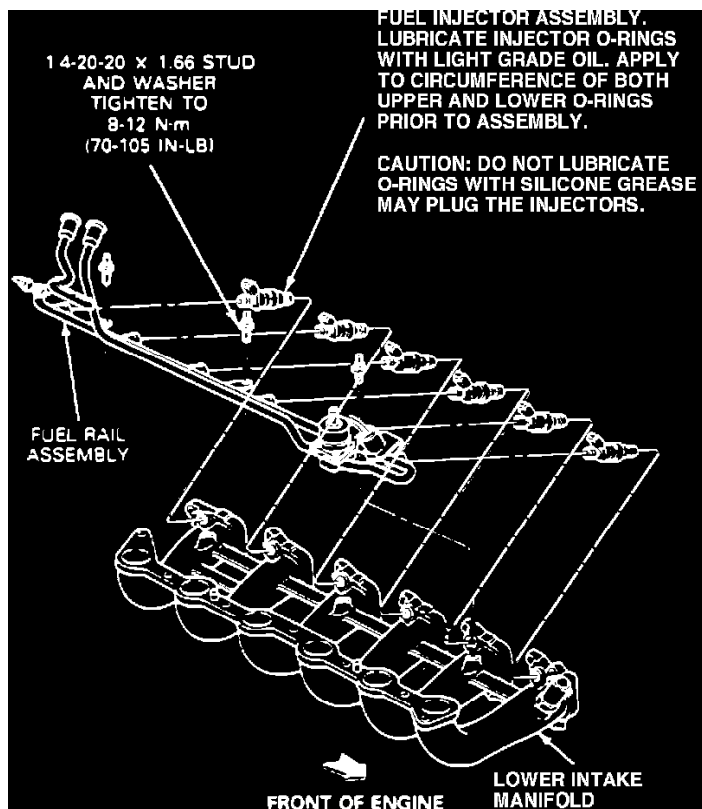
**Fuel Supply Manifold Assembly**

3. Remove the injector cooling manifold from lifting eye attachment.



**Fuel Supply Manifold Assembly**

4. Remove the injector cooling manifold attaching nut from the fuel rail stud. Remove the injector cooling manifold.
5. Disconnect the electrical connector from the fuel manifold temperature switch.



### Fuel Supply Manifold Assembly

6. Disconnect the vacuum line at the fuel pressure regulator.
7. Remove the strap surrounding the fuel manifold. Injector electrical harness, and the main vacuum harness.
8. Remove the three fuel supply manifold retaining studs.
9. Carefully disengage the fuel supply manifold from the fuel injectors and remove the manifold.

### INSTALLATION

1. Ensure that the injector caps are clean and free of contamination.
- CAUTION:** Do not attempt to clean the injector pintle with any brushes or tools.
2. Place the fuel supply manifold over each of the injectors and seat the injectors into the fuel supply manifold. Injectors are to be well seated in the fuel supply manifold assembly.
  3. Secure the fuel supply manifold assembly using the three retaining studs. See **SPECIFICATIONS**.
  4. Secure the injector cooling manifold. See **SPECIFICATIONS**.
  5. Attach the vacuum line to the fuel pressure regulator.
  6. Attach the main vacuum harness and the injector electrical harness to the fuel supply manifold with a strap positioned between the No. 5 and No. 6 intake manifold runners.
  7. The electrical connector is to be connected to the fuel manifold temperature switch.
  8. Connect the fuel inlet and outlet lines at the rail connections.
  9. Install the upper intake manifold.