

FUEL IN COOLANT

PROBABLE CAUSES

Injector sleeve (Upper section of sleeve to fuel galley).

PROCEDURES

- Plug in block heater to warm coolant.
- Remove fuel return lines at regulator block.
- Pressurize cooling system to 14 PSI.
- Observe fuel return lines, injector bank with fuel to coolant leak will push fuel or air out of it's return line.
- Remove injectors on suspect bank.
- With cooling system pressurized, observe upper injector sleeve to head fit for leakage. (**Figure 4.11.**)
- After repair, pressurize cooling system to confirm repair.

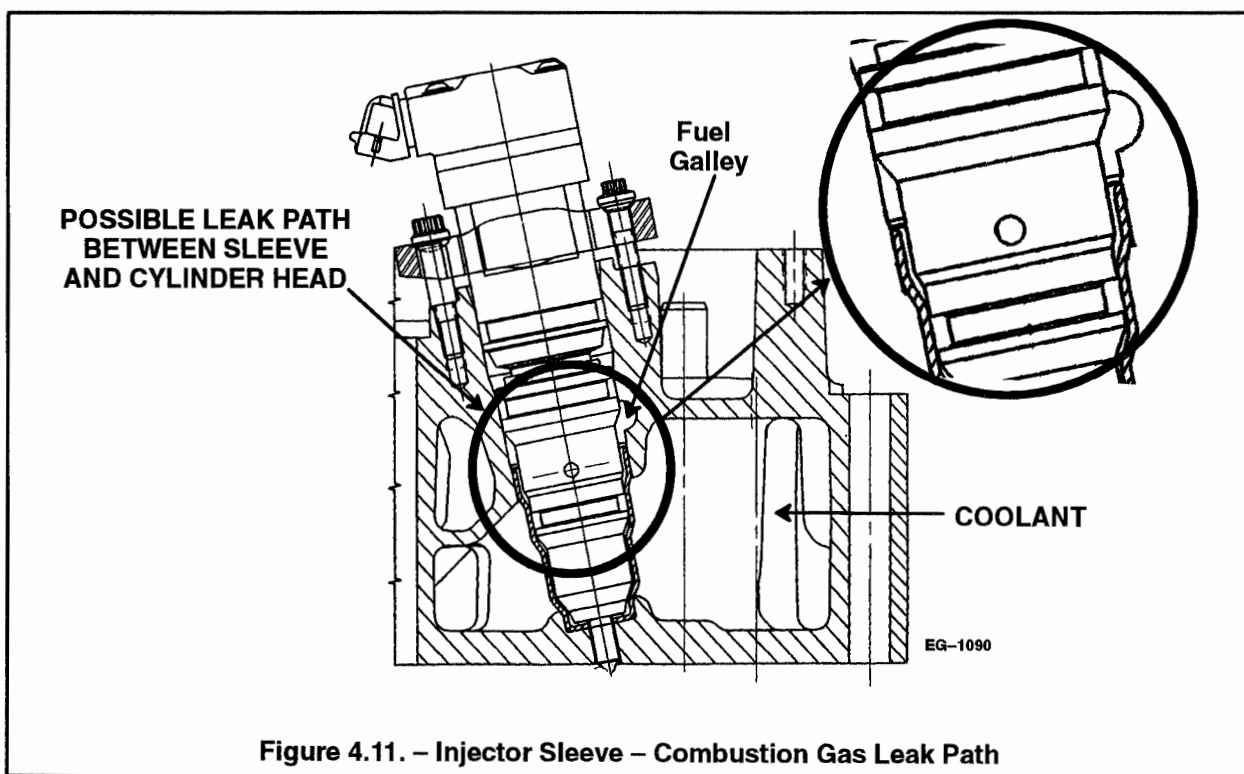


Figure 4.11. – Injector Sleeve – Combustion Gas Leak Path