

Fig. 42 In-line fuel filter assembly—1989-91 vehicles



Fig. 43 In-line fuel filter location—1992-up vehicles

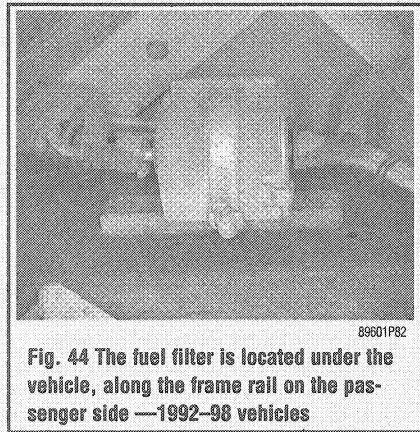


Fig. 44 The fuel filter is located under the vehicle, along the frame rail on the passenger side—1992-98 vehicles

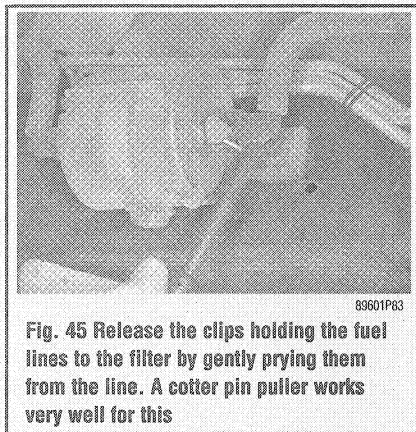


Fig. 45 Release the clips holding the fuel lines to the filter by gently prying them from the line. A cotter pin puller works very well for this



Fig. 46 After the clip's tangs are released, remove the clip from the line

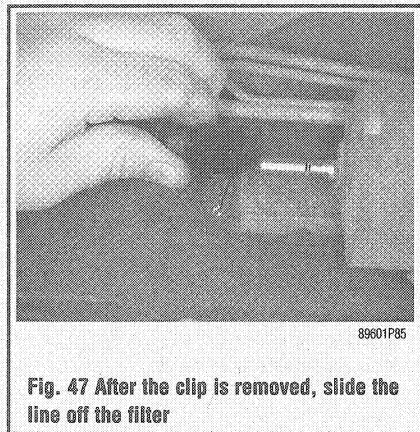


Fig. 47 After the clip is removed, slide the line off the filter

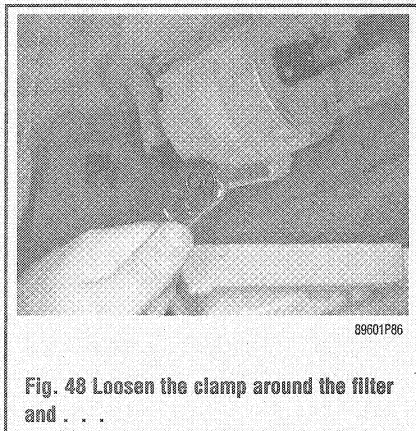


Fig. 48 Loosen the clamp around the filter and . . .



Fig. 49 . . . remove the filter by sliding it out of the clamp

➔ **Do not use hand tools to complete this operation.**

a. Grasp the fitting and pull in an axial (twisting) direction to remove the fitting from the filter. Be careful on 90° elbow connectors, as excessive side loading could break the connector body.

b. After disassembly, inspect the inside of the fitting for any internal parts such as O-rings and spacers that may have been dislodged from the fitting. Replace any damaged connector.

13. On 1988-91 Town Cars, remove the filter retainer bolts and remove the filter and retainer from the mounting bracket. Remove the filter from the retainer. Note that the direction of the flow arrow points to the open end of the retainer. Remove the rubber insulator rings.

14. On 1992-up vehicles, loosen the filter retaining clamp and remove the fuel filter. Note the direction of the flow arrow on the filter, so the replacement filter can be reinstalled in the same position.

➔ **Fuel will empty from the fuel filter. Have a suitable container ready to accept it.**

To install:

➔ **Do not re-use the hair-pin clips, new clips are supplied with a new filter.**

15. Install the hairpin clip push connect fittings at both ends of the fuel filter as follows:

a. Install a new connector if damage was found. Insert a new clip into any 2 adjacent open-

1. To replace the in-line fuel filter.
2. Disconnect the negative battery cable.
3. Relieve the fuel system pressure as follows:
 - a. Remove the fuel tank cap to relieve the pressure in the fuel tank.
 - b. Remove the cap from the Schrader valve located on the fuel injection supply manifold.
4. Connect the pressure gauge tool, to the fuel pressure relief valve (Schrader).
5. Open the manual valve on the pressure gauge tool to relieve the fuel system pressure.
6. Drain the fuel through the drain tube into a suitable container.

7. Raise and safely support the rear of the vehicle securely on jackstands.
8. Locate the fuel filter mounted on the right side inner frame rail near the wheel.
9. It will be necessary to remove the white hair-pin clips that lock the filter in place.
10. First, bend the shipping tab downward so that it will clear the body.
11. Next, using no tools, spread the two clip legs about (1/4) each to disengage the body and push the legs into the fitting.
12. Complete removal is accomplished by lightly pulling from the triangular end of the clip and working it clear of the tube and fitting.