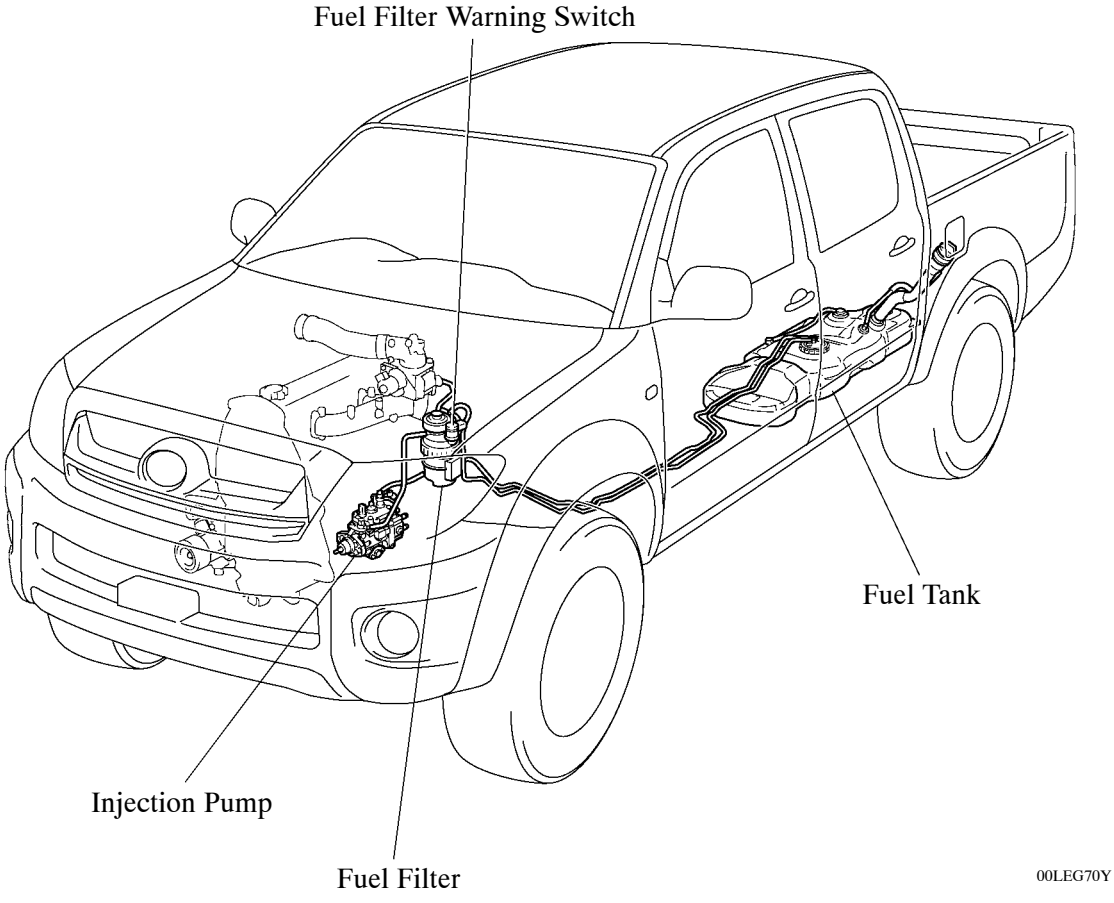
■ FUEL SYSTEM

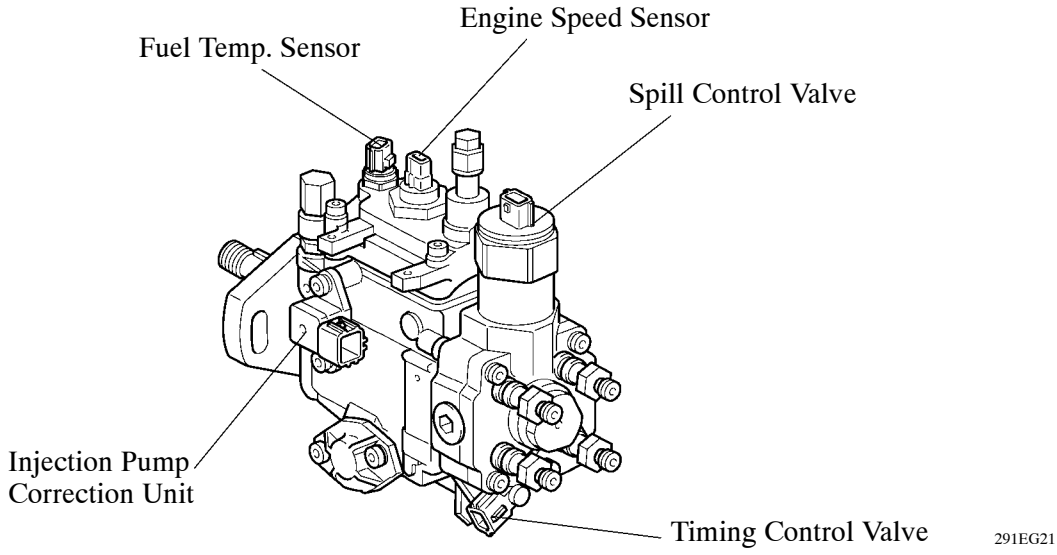
1. General

- An electronically controlled injection pump is used.
- A fuel filter, in which the fuel filter element alone can be replaced, is used.
- A fuel filter warning switch, which turns on or off when the internal vacuum of the filter increases, is provided in the fuel filter.
- A fuel tank made of single-layer plastic is used.



2. Injection Pump

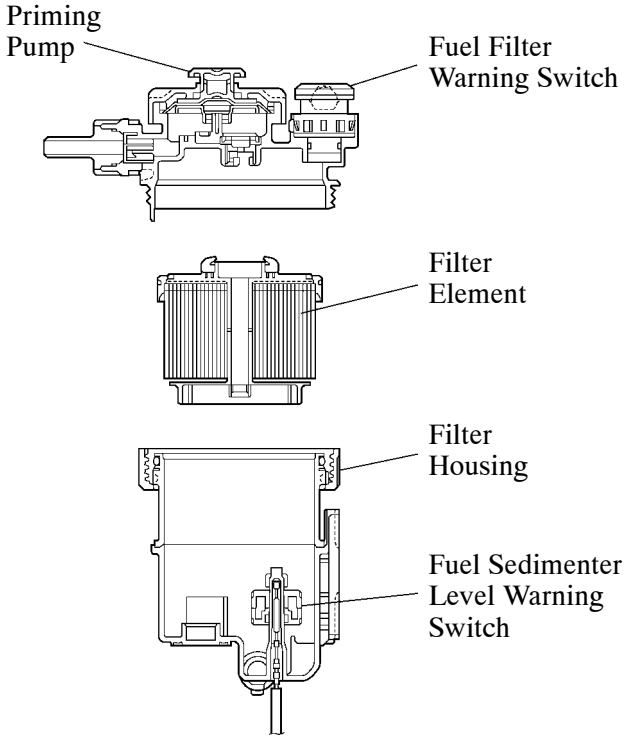
- A VE distribution type electronically controlled injection pump is used.
- Along with the diesel EFI system, a spill control valve, timing control valve, fuel temperature sensor, engine speed sensor, and injection pump correction unit is used on the injection pump. For details of injection pump control, see page EG-162.



3. Fuel Filter

General

- The fuel filter consists of a separate filter element and a filter housing.
- A paper filter element that offers high filtering efficiency and captures even the smallest particles is used.
- A fuel filter warning switch is provided in the fuel filter.



Fuel Filter Warning Switch

- A fuel filter warning switch, which turns on or off when the internal vacuum of the filter increases, is provided in the fuel filter. This switch, which turns off when the internal vacuum of the fuel filter increases to a predetermined level, is connected by wire to the meter ECU.
- When the meter ECU detects that the internal vacuum of the fuel filter has increased (by way of the fuel filter warning switch off signal), it determines that the fuel filter has become clogged. Then, it illuminates the fuel system warning light on the combination meter to urge the driver to replace the fuel filter. For details of the fuel system warning light control, see page BE-15.

