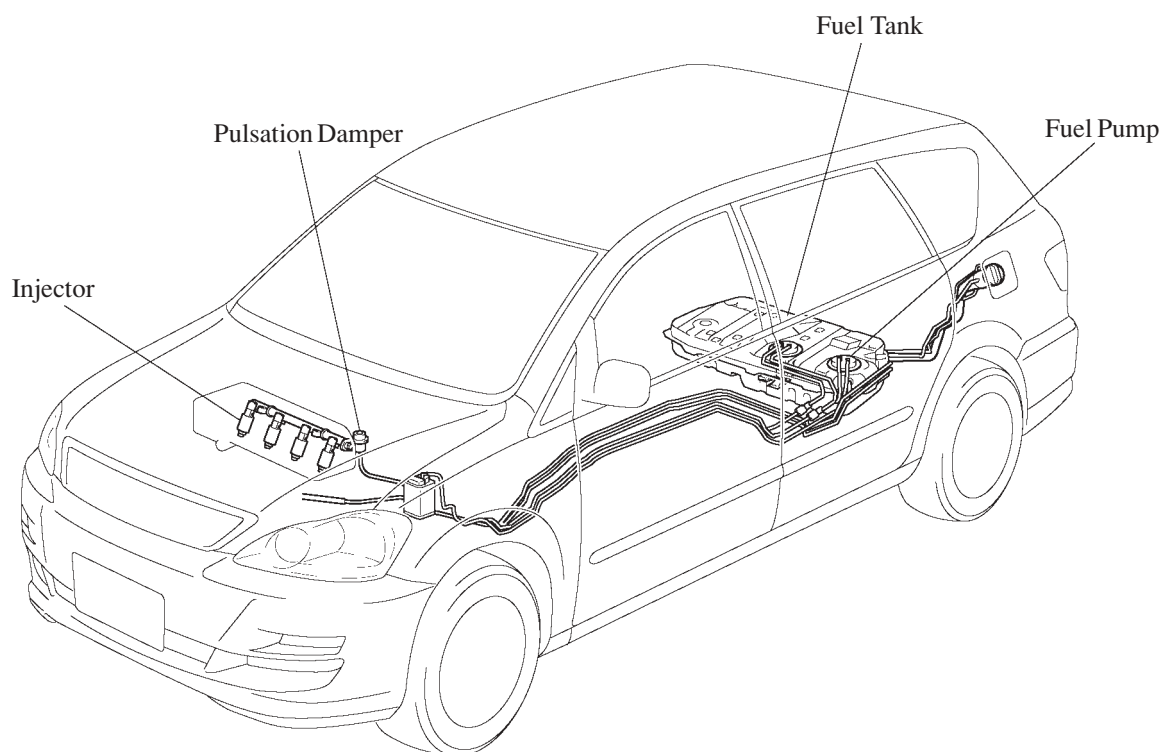


## 9. Fuel System

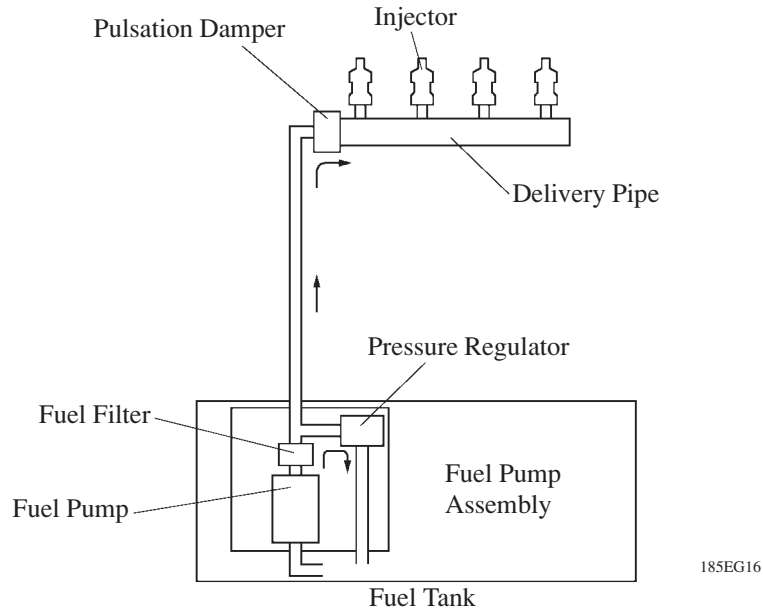
- A fuel returnless system has been used to reduce evaporative emissions.
- A compact fuel pump in which a fuel filter and pressure regulator are integrated in the module fuel pump assembly has been adopted.
- A quick connector has been adopted to connect the fuel pipe with the fuel hose to improve serviceability.
- The aluminum diecast delivery pipe has been integrated with the pulsation damper.
- Newly designed 12-hole ultra-fine atomization injectors have been adopted.



258AS23

## Fuel Returnless System

- This system has been adopted to reduce the evaporative emission. As shown below, integrating the fuel filter, pressure regulator, and fuel sender gauge with fuel pump assembly it possible to discontinue the return of fuel from the engine area and prevent temperature rise inside the fuel tank.



## Fuel Injector

The same fuel injectors as the 1AZ-FE engine have been adopted. For details, [see page 160](#).

## Fuel Pump

A compact fuel filter, pressure regulator, and fuel sender gauge are integrated in the fuel pump assembly has been adopted.

### ► Specifications of Pressure Regulation ◀

Adjusting Pressure	kPa (kgf/cm <sup>2</sup> )	324 ± 3.0 (3.3 ± 0.03)
--------------------	----------------------------	------------------------

