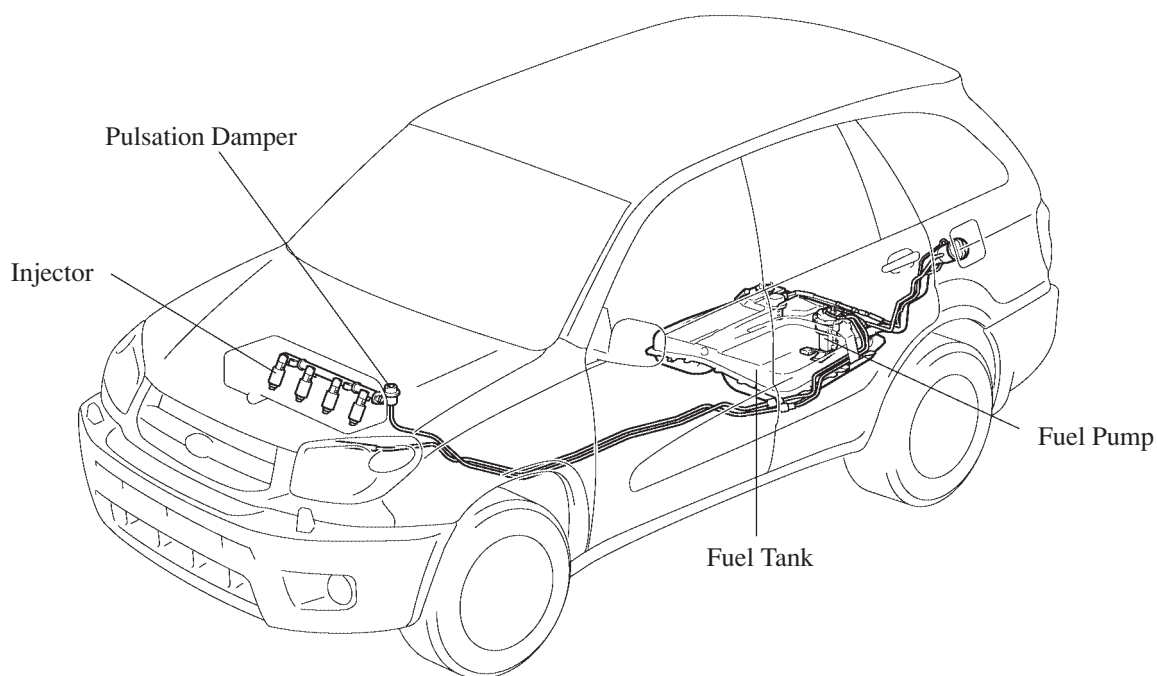


9. Fuel System

General

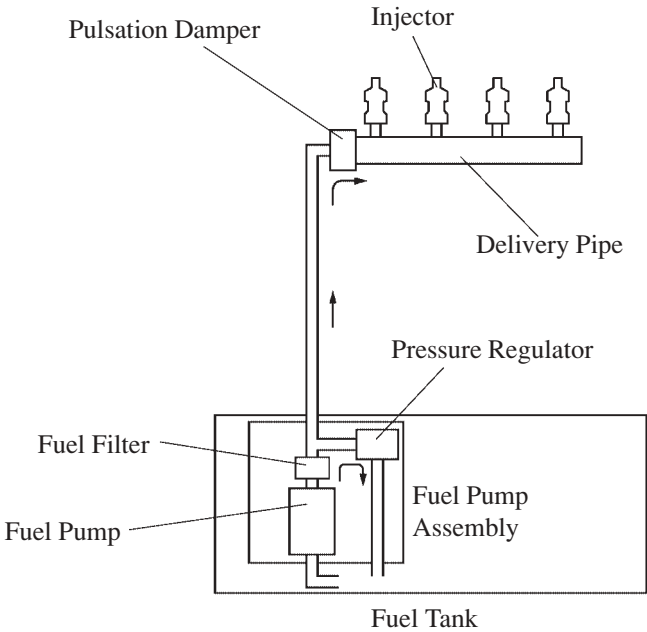
- A fuel returnless system has been used to reduce evaporative emissions.
- A compact fuel pump in which a fuel filter and pressure regulator are integrated in the module fuel pump assembly has been adopted.
- A quick connector has been adopted to connect the fuel pipe with the fuel hose to improve serviceability.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



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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 makes it possible to discontinue the return of fuel from the engine area and prevent temperature rise inside the fuel tank.



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Fuel Pipe

As with the 1AZ-FE engine, quick connectors have been adopted. For details, [see page 423](#).

Fuel Injector

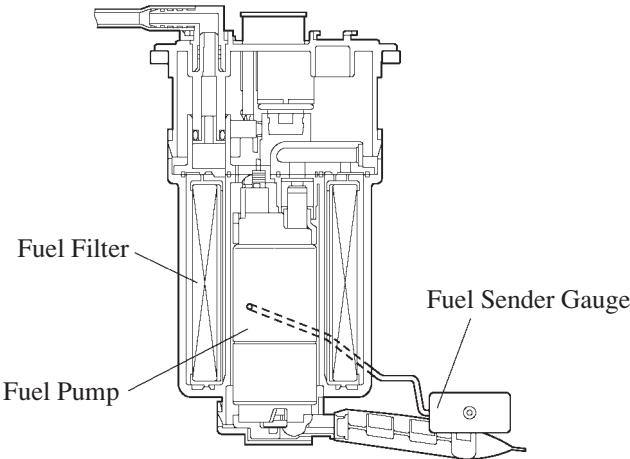
The same fuel injectors as in the 1AZ-FE engine have been adopted. For details, [see page 422](#).

Fuel Pump

A compact fuel in which a 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 ²)	324 ± 3.0 (3.3 ± 0.03)
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185EG15