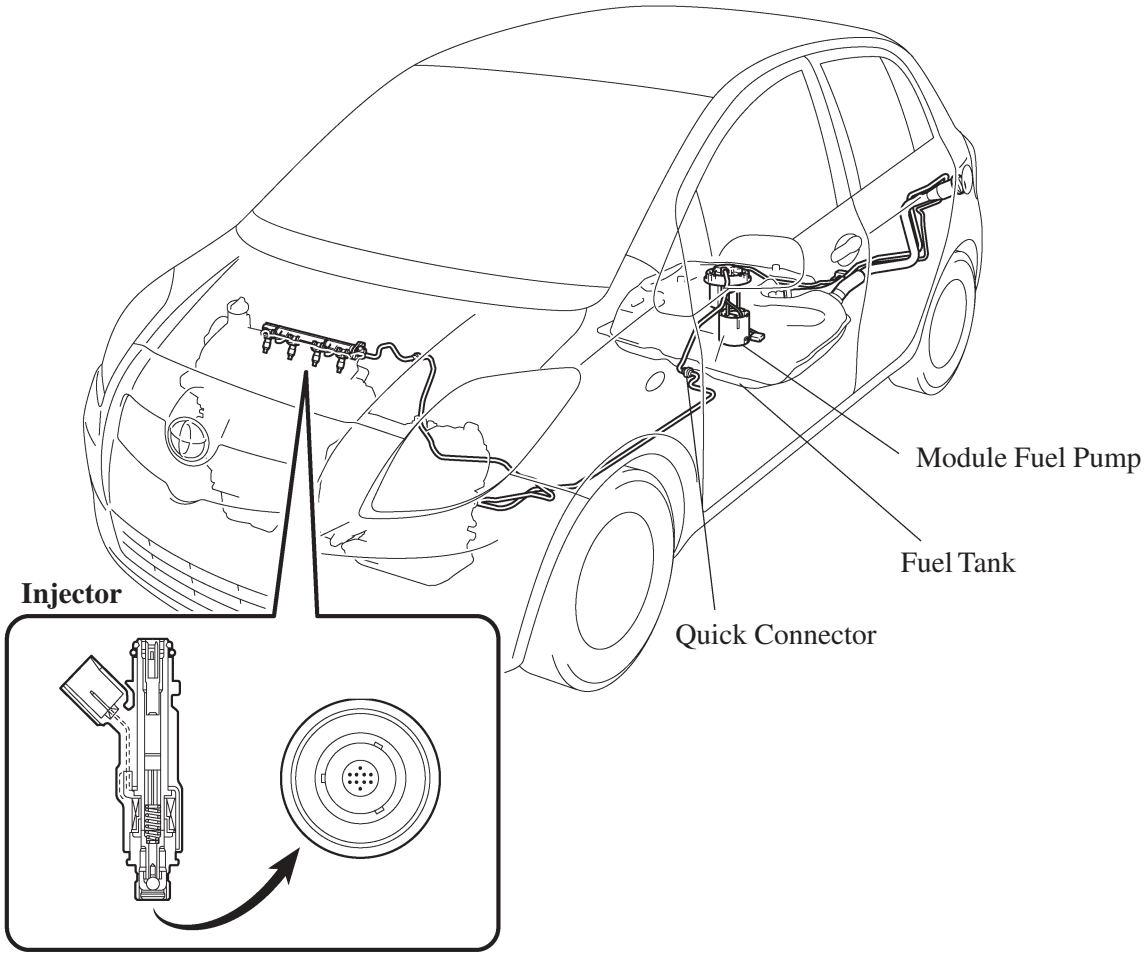
■FUEL SYSTEM

1. General

- A fuel returnless system is used to reduce evaporative emissions.
- Quick connectors are used to connect the fuel pipe with the fuel hose for excellent serviceability.
- The fuel tank made of plastic is used for weight reduction.
- A compact and lightweight module fuel pump with a fuel sender gauge in which a charcoal canister is integrated is used.
- The compact 10-hole type injectors are used to increase the atomization of the fuel.
- A fuel cut control is used to stop the fuel pump when SRS airbags are deployed at the front or side collision. For details, see page EG-55 in 1KR-FE engine section.



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2. Fuel Tank

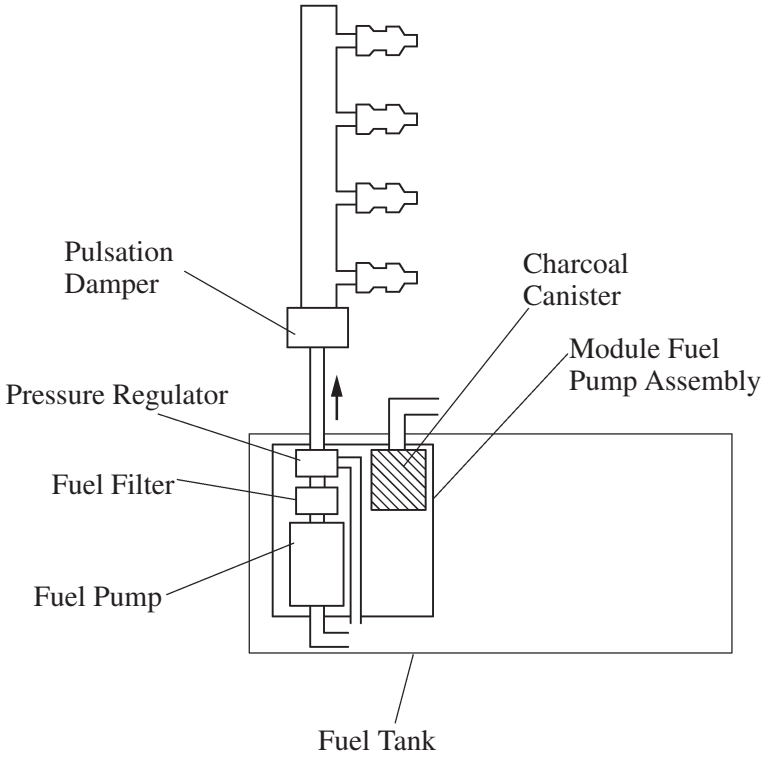
The fuel tank on the 2SZ-FE engine models is the same as the fuel tank on the 1KR-FE engine models made by TMMF (Toyota Motor Manufacturing, France, Inc.). For details, see page EG-21 in 1KR-FE engine section.

3. Module Fuel Pump

The module fuel pump on the 2SZ-FE engine models is the same as the module fuel pump used on the 1KR-FE engine models. For details, see page EG-22 in 1KR-FE engine section.

4. Fuel Returnless System

This type of fuel system is used to reduce the evaporative emission. As shown below, by integrating the fuel filter, pressure regulator, charcoal canister and fuel sender gauge with the module fuel pump assembly, the fuel return system in which the fuel returns from the engine area is discontinued and temperature rise inside the fuel tank is prevented.



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