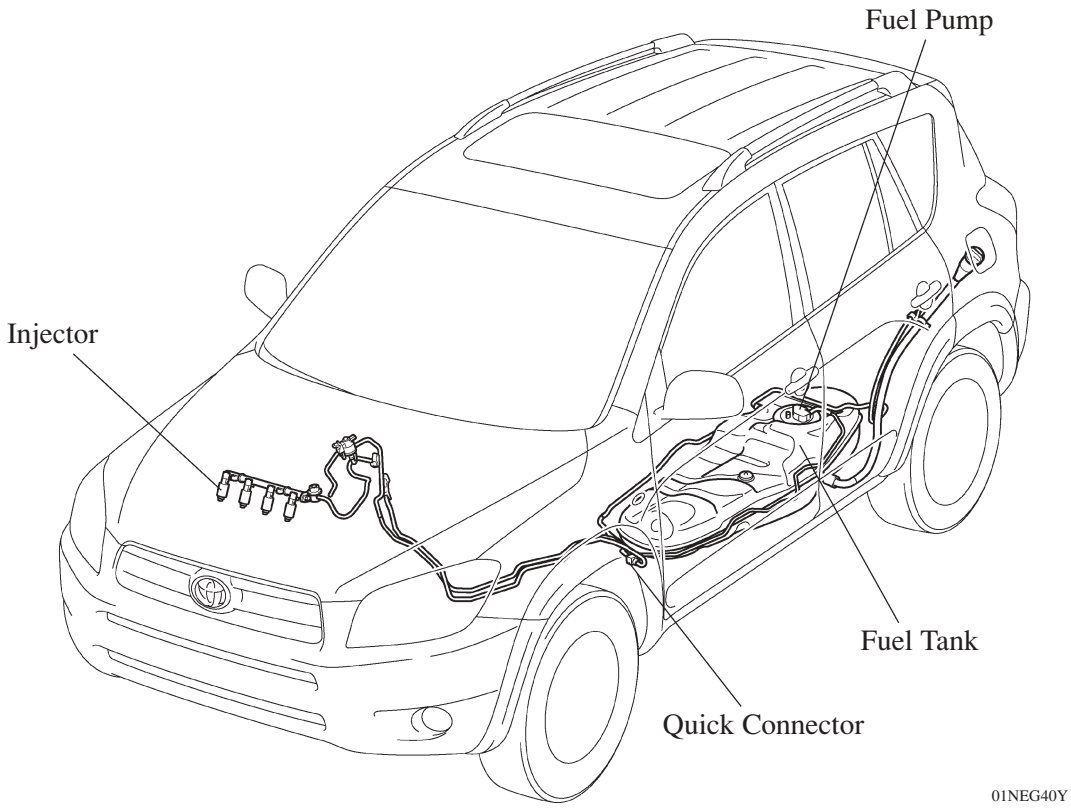
■FUEL SYSTEM

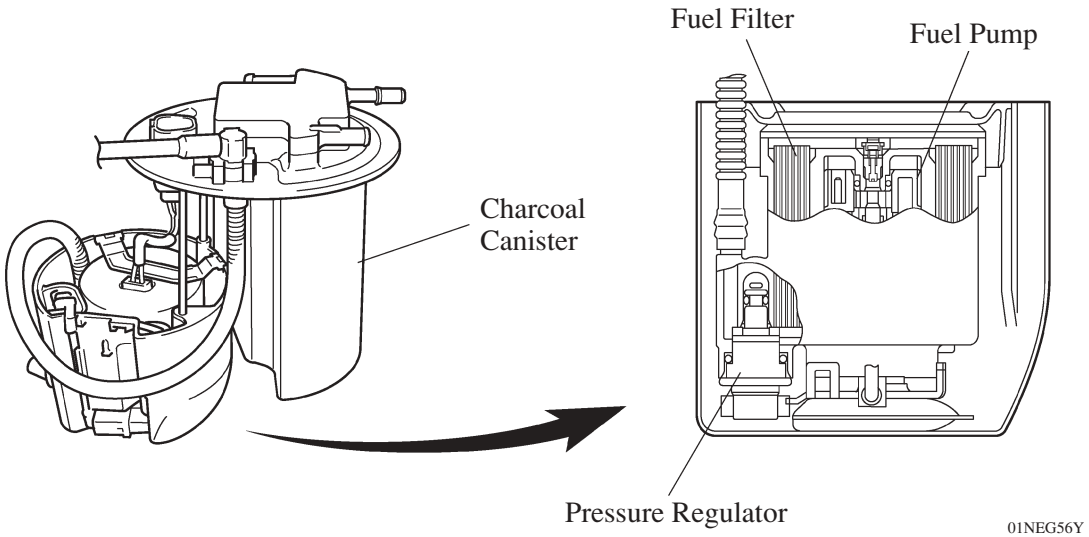
1. General

- A compact and lightweight module fuel pump in which a charcoal canister is integrated is used.
- The fuel returnless system is used to reduce evaporative emissions.
- A fuel cut control is used to stop the fuel pump when the SRS airbag is deployed in a front or side collision. For details, see page EG-54.
- A quick connector is used in the fuel main pipe to improve serviceability.
- The 12-hole type fuel injector is used.



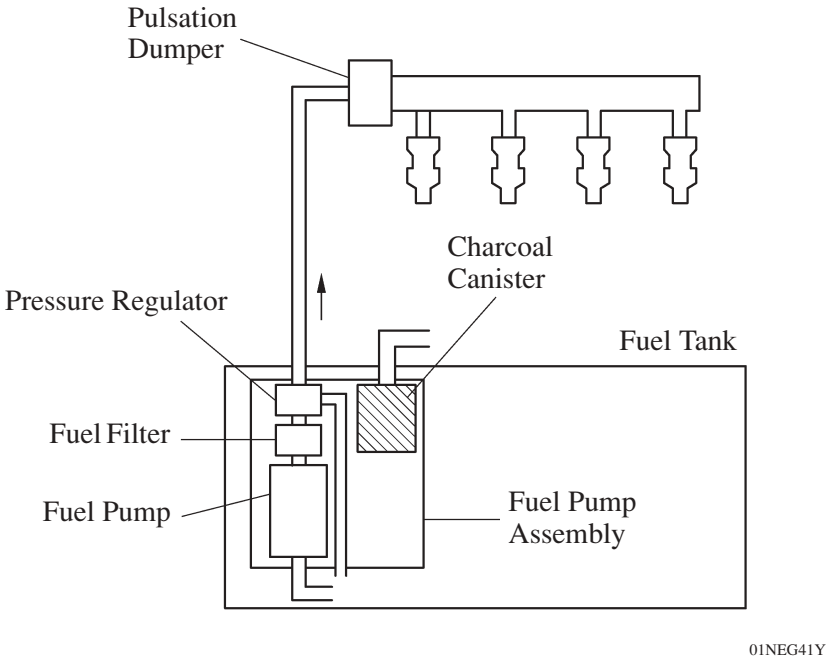
2. Module Fuel Pump

The module fuel pump has a built-in charcoal canister to ensure an effective use of space in the engine compartment.



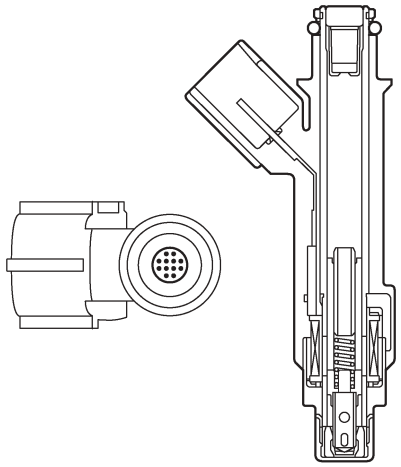
3. Fuel Returnless System

Fuel returnless system is used to reduce the evaporative emission. As shown below, by integrating the fuel filter and pressure regulator with 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.



4. Fuel Injector

The 12-hole type injector is used. By modifying its injector nozzle to a taper shape, this injector has achieved high atomizing performance of fuel. In addition, the injector provides good performance with the lightweight moving parts and the optimized magnetic circuit.



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