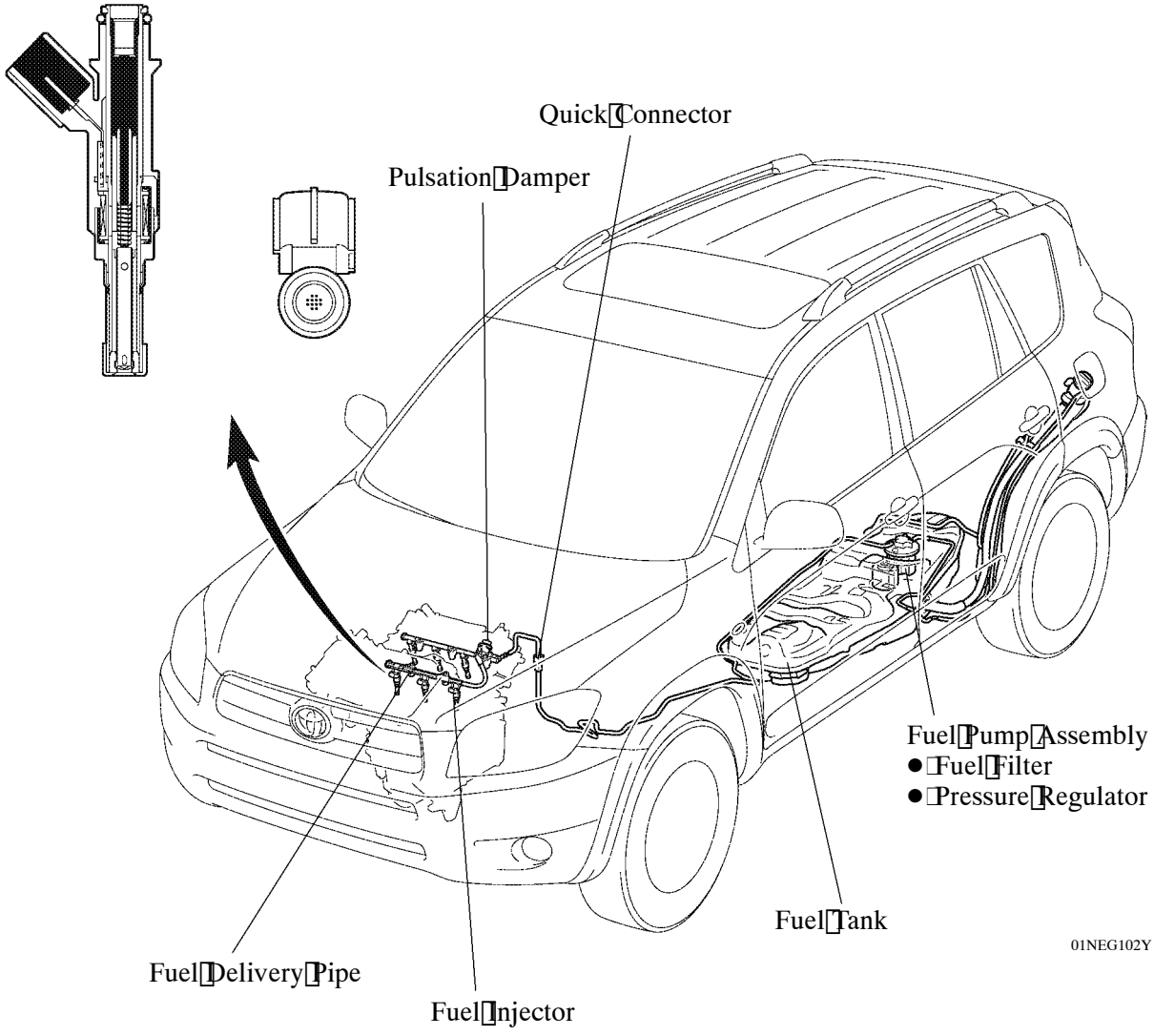
8. Fuel System

General

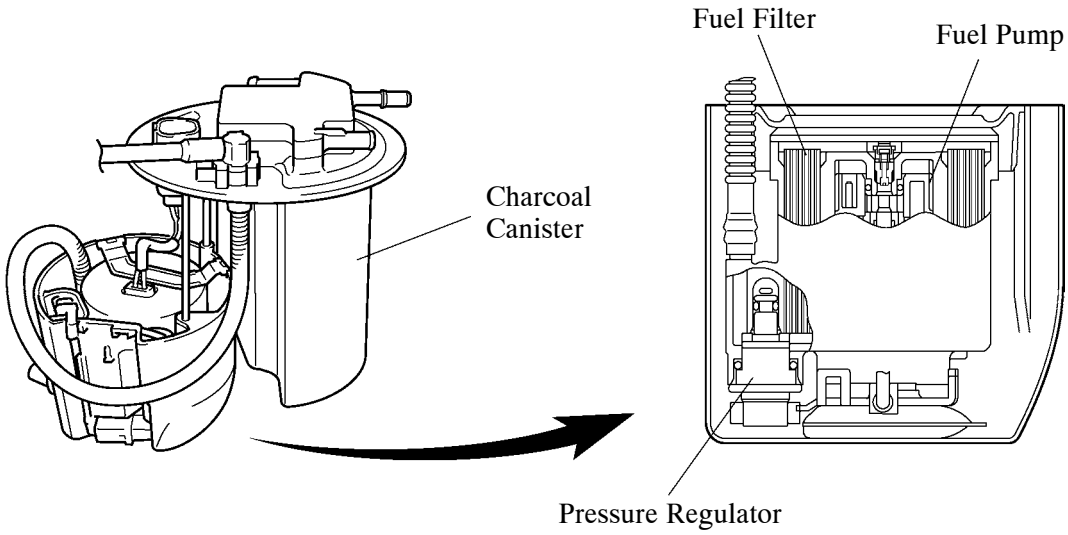
- The fuel returnless system is used to reduce evaporative emissions.
- A fuel cut control is used to stop the fuel pump when the SRS airbag is deployed in a frontal or side collision. For details, see page 78.
- The fuel delivery pipe made of plastic is used.
- A quick connector is used to connect the fuel pipe with the fuel hose for excellent serviceability.
- Compact 12-hole type fuel injectors are used to increase atomization of the fuel.
- A compact and lightweight module fuel pump in which a charcoal canister is integrated is used.

Fuel Injector



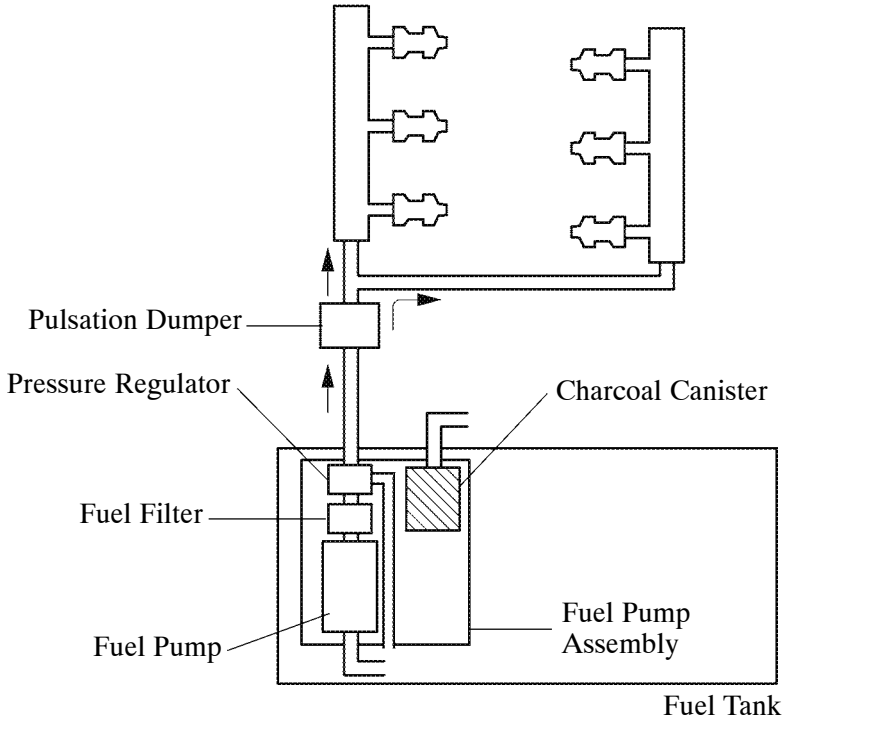
Module Fuel Pump

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



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.



Fuel Delivery Pipe

- The fuel delivery pipe made of plastic is used to realize lightweight.
- The right and left fuel delivery pipes are connected by a nylon tube.
- The pulsation damper is sealed with an O-ring and secured with a holder.

