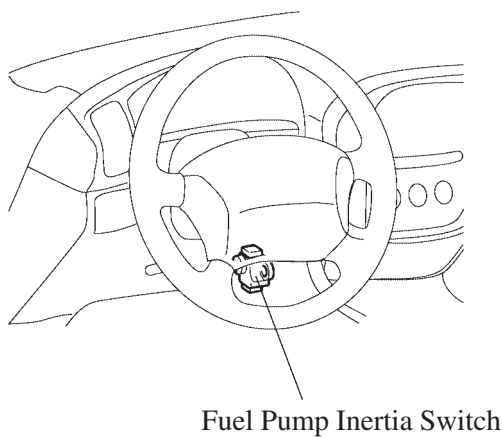


FUEL SYSTEM

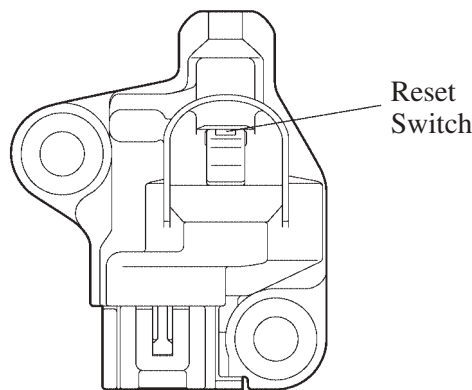
1. Fuel Pump Inertia Switch (Only for Europe Model)

General

- A fuel pump inertia switch, which stops the fuel pump if the vehicle is involved in a violent collision, has been adopted to minimize fuel leakage.
- The fuel pump inertia switch maintains a circuit between the Engine ECU and the fuel pump ECU, and if a collision is detected, it cuts off the circuit to the fuel pump ECU.
- By taking the ease of its operation into consideration, the fuel pump inertia switch has been located in the vicinity of the instrument panel.



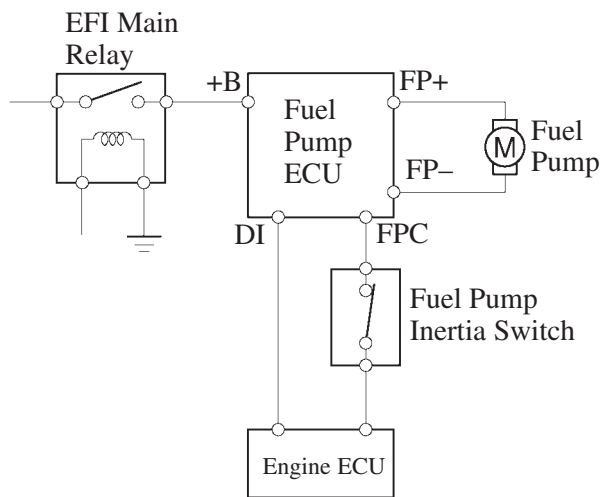
156EG22



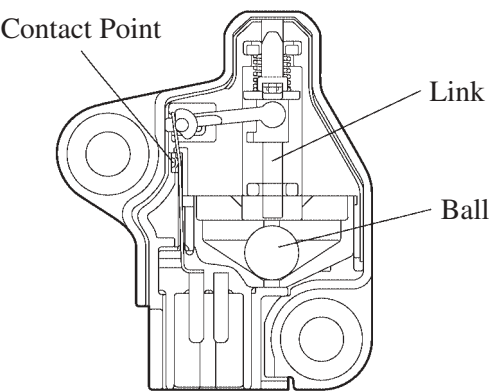
Fuel Pump Inertia Switch

156EG19

► System Diagram ◀



156EG18

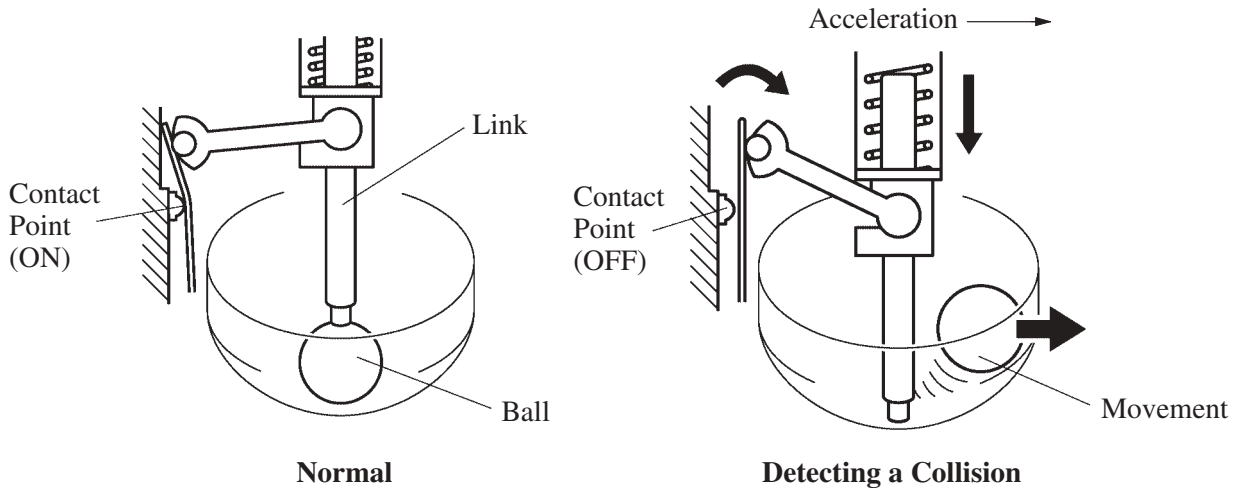


Cross Section

156EG20

## Construction and Operation

The fuel pump inertia switch consists of a ball that detects a collision, link, contact point, and reset switch. When the acceleration that is generated during a collision of the vehicle exceeds a predetermined value, the ball moves, the link moves downward, and the contact point opens. As a result, the circuit to the fuel pump ECU is cut off, and so the fuel pump stops.



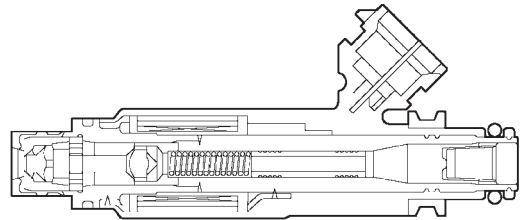
156EG45

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**NOTE:** In the event that the fuel pump inertia switch has tripped, and the switch must be reinstated, push up the reset switch for 1 second or longer.

## 2. Injector

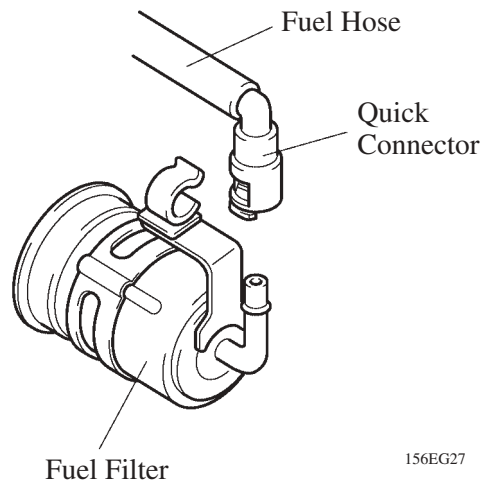
A compact 4-hole type injector has been adopted to improve the atomization of fuel.



156EG15

## 3. Quic Connector

A quick connector is used to connect the fuel filter and the fuel hose together to improve serviceability.



156EG27