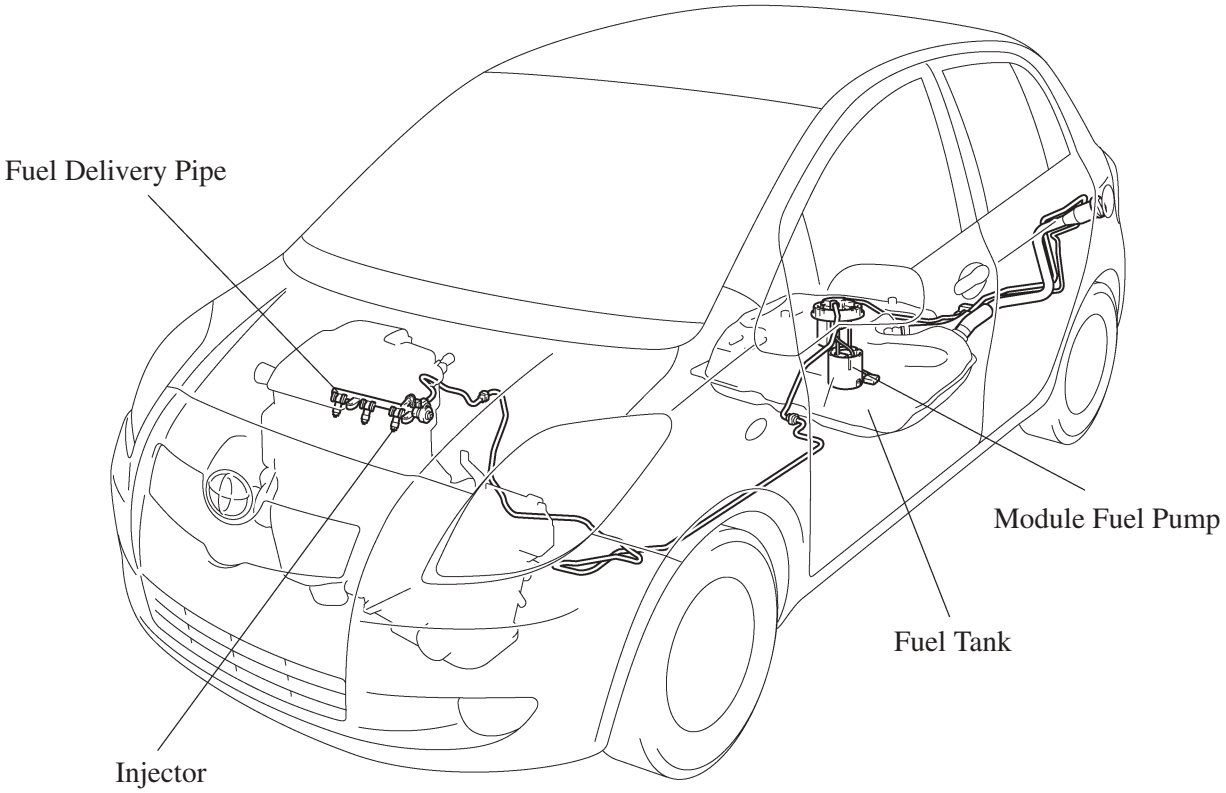
■FUEL SYSTEM

1. General

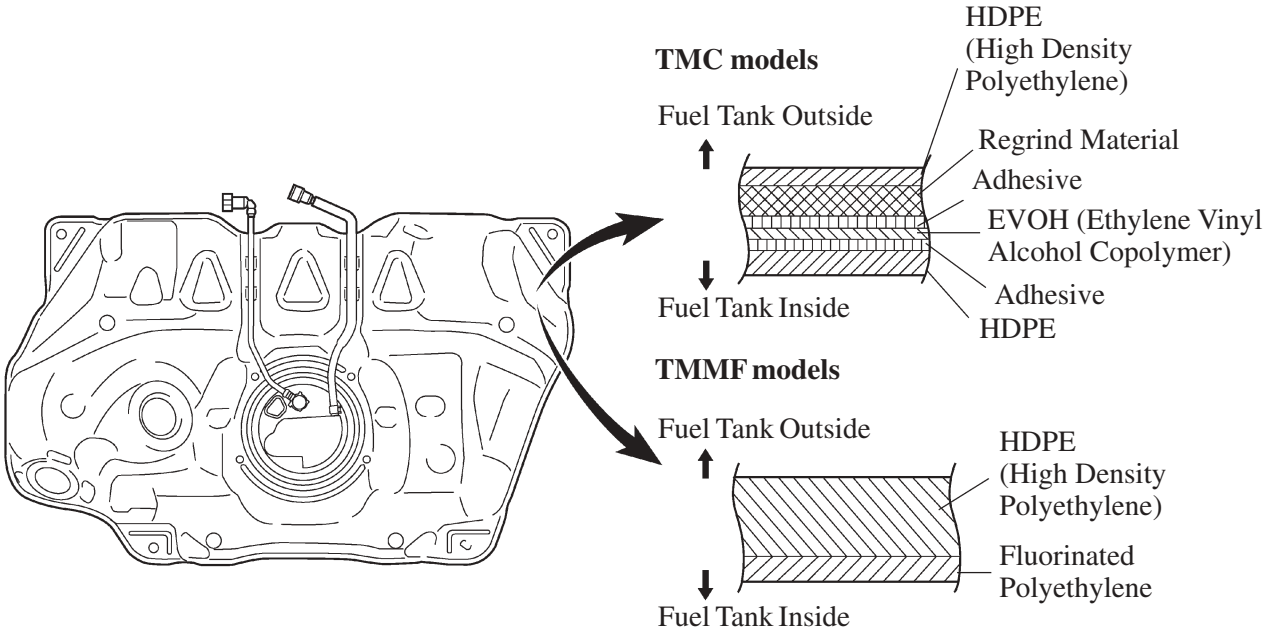
- A fuel returnless system is used to reduce evaporative emissions.
- A fuel tank made of plastic is used.
- A compact and lightweight module fuel pump with a fuel sender gauge in which a charcoal canister is integrated is used.
- A fuel delivery pipe made of plastic is used.



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2. Fuel Tank

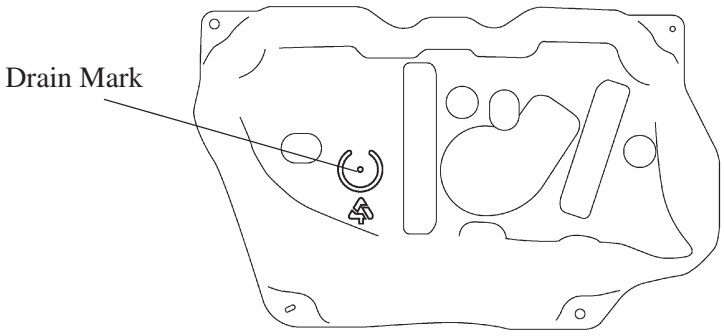
- On the TMC (Toyota Motor Corporation) models, a multiplex layered plastic fuel tank is used. This fuel tank consists of 6 layers of 4 types of materials.
- On the TMMF (Toyota Motor Manufacturing, France, Inc.) models, a fuel tank made of plastic is used. This tank has fluorinated polyethylene layers on the inner surface to prevent the permeation of fuel.



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Service Tip

A drain mark has been provided at the lowest position of the fuel tank. When dismantling (scrapping) the vehicle, drain fuel by drilling a hole at the drain mark.

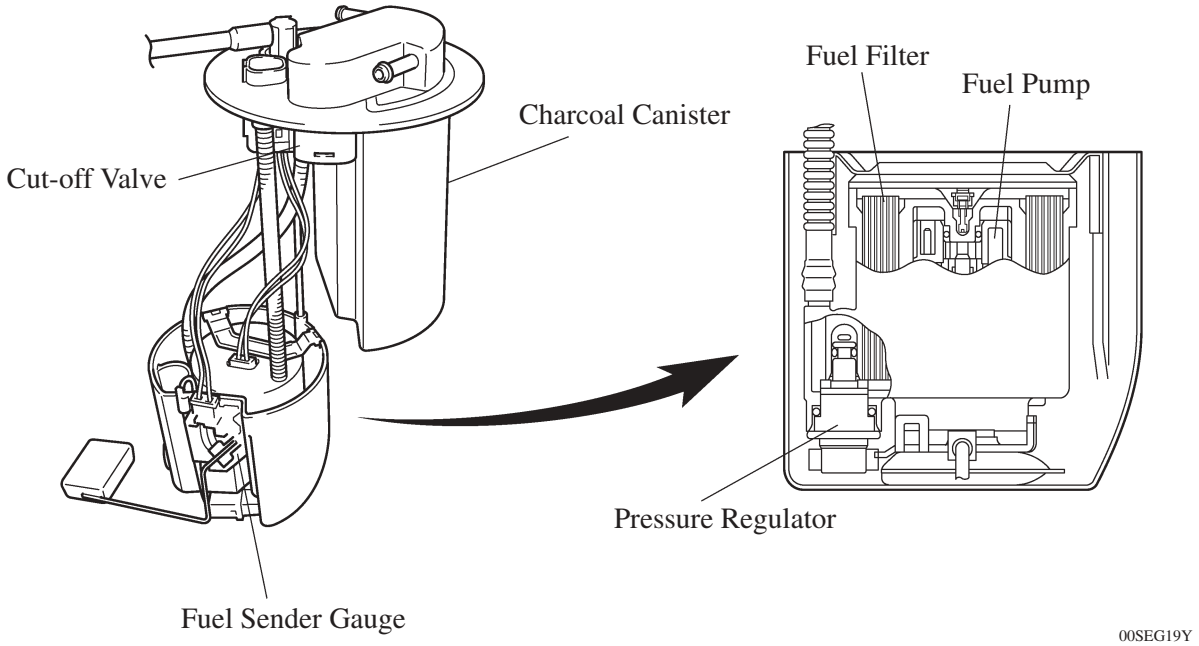


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EG

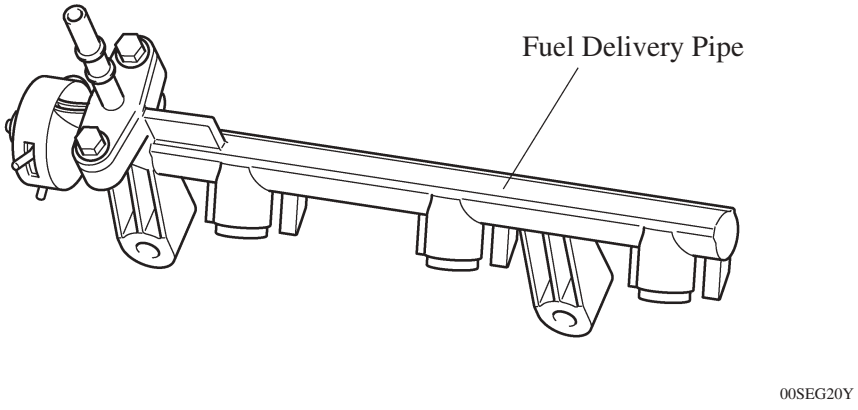
3. Module Fuel Pump

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



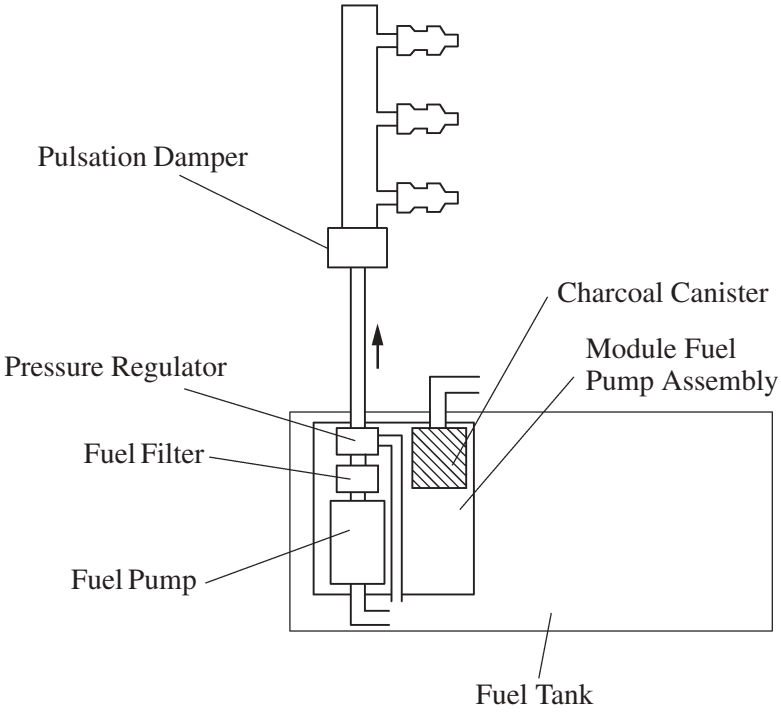
4. Fuel Delivery Pipe

A fuel delivery pipe made of plastic is used for weight reduction.



5. Fuel Returnless System

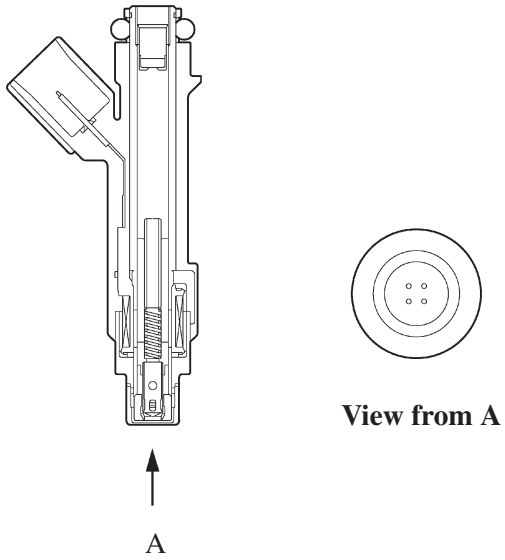
This type of fuel system is used to reduce the evaporative emission. As shown below, by integrating the fuel filter, pressure regulator, charcoal canister, and fuel sender gauge with the module fuel pump assembly, the fuel return system in which the fuel returns from the engine area is discontinued and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



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6. Fuel Injector

The 4-hole type injector is used to improve the atomization of fuel.



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