

---

**GROUP 13C**

**FUEL SUPPLY**

**CONTENTS**

**GENERAL INFORMATION ..... 13C-2    FUEL TANK ..... 13C-4**

**GENERAL INFORMATION**

M2134000101502

The fuel system consists of the following components:

**<2.0L ENGINE>**

- Fuel injector
- Fuel rail
- Fuel pressure regulator
- Fuel high-pressure hose
- Fuel pipe
- Fuel tank
- Fuel pump module

- Fuel level sensor (sub)
- Evaporative emission canister

**<2.4L ENGINE>**

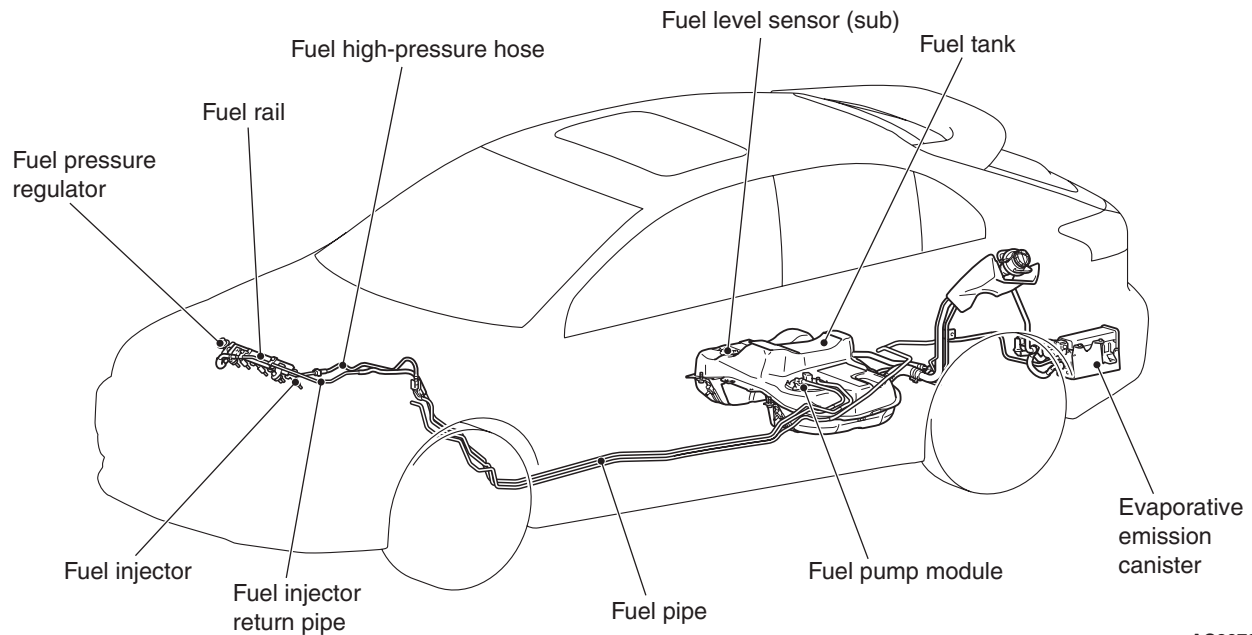
- Fuel injector
- Fuel rail
- Fuel high-pressure hose
- Fuel pipe
- Fuel tank
- Fuel pump module
- Evaporative emission canister

**SPECIFICATIONS**

Item	2.0L ENGINE	2.4L ENGINE
Fuel tank capacity dm <sup>3</sup> (gal)	55 (14.5)	59 (15.5)
Fuel pump type	Electric	
Fuel filter type	Cartridge (incorporates fuel pump module)	
Fuel return system	Fuel pressure regulator return system	Returnless
Fuel pressure regulator pressure kPa (psi)	329 (47.7)	-
Fuel tank pump pressure regulator pressure (incorporates fuel pump module) kPa (psi)	-	324 (46)
Fuel injector	Type	Electro-magnetic
	Quantity	4
Evaporative emission control system	Evaporative emission canister	

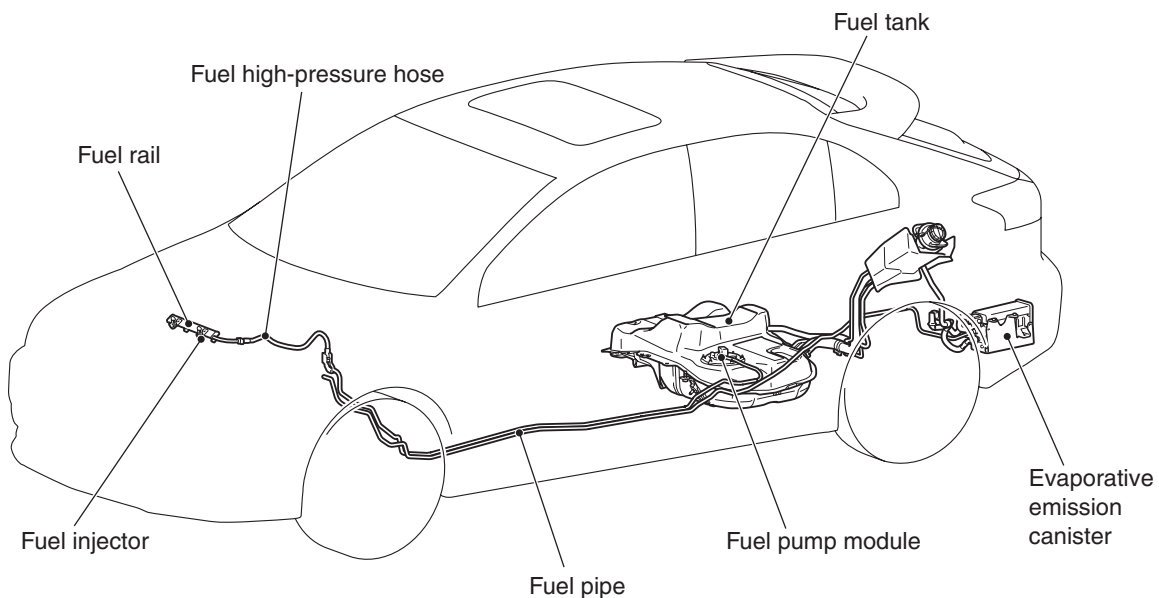
CONSTRUCTION DIAGRAM

<2.0L ENGINE>



AC807655AB

<2.4L ENGINE>



AC807656AC

This fuel system is designed with consideration for global environment protection to ensure safety at a collision, reduce weight, and improve reliability and quality. This system has the following features:

- A quick-joint connector of a plastic tube is used for the fuel high-pressure hoses in the engine compartment to reduce the permeation of fuel evaporative emission.
- The surface of underfloor fuel pipes is coated with 1 mm (0.04 inch) thick plastic to improve resistance to corrosion and chipping.
- A returnless fuel system eliminates returned fuel from the engine. The heat that fuel receives from the engine is reduced, minimizing fuel temperature in the fuel tank and controlling the amount of evaporated gas. <2.4L ENGINE>

---

## FUEL TANK

M2134001001490

The fuel tank assembly consists of the fuel pump module, fuel level sensor (sub) <2.0L ENGINE>, fuel tank, and so on, and features the following characteristics:

- The fuel tank is placed under the rear seat floor to improve the safety upon impact.
- For the fuel tank, pre-coat alloy molten zinc steel plate is adopted to the tank main body, which does not contain tin alloy.
- The capacity of the fuel tank is 55 dm<sup>3</sup> (14.5 gal) <2.0L ENGINE> or 59 dm<sup>3</sup> (15.5 gal) <2.4L ENGINE> to meet long-distance drives.
- The fuel tank safety valve is integrated in the fuel tank which prevents fuel leaks when the vehicle has leaned or rolled over, and a number of openings and pipe joints on the fuel tank upper surface has been reduced.

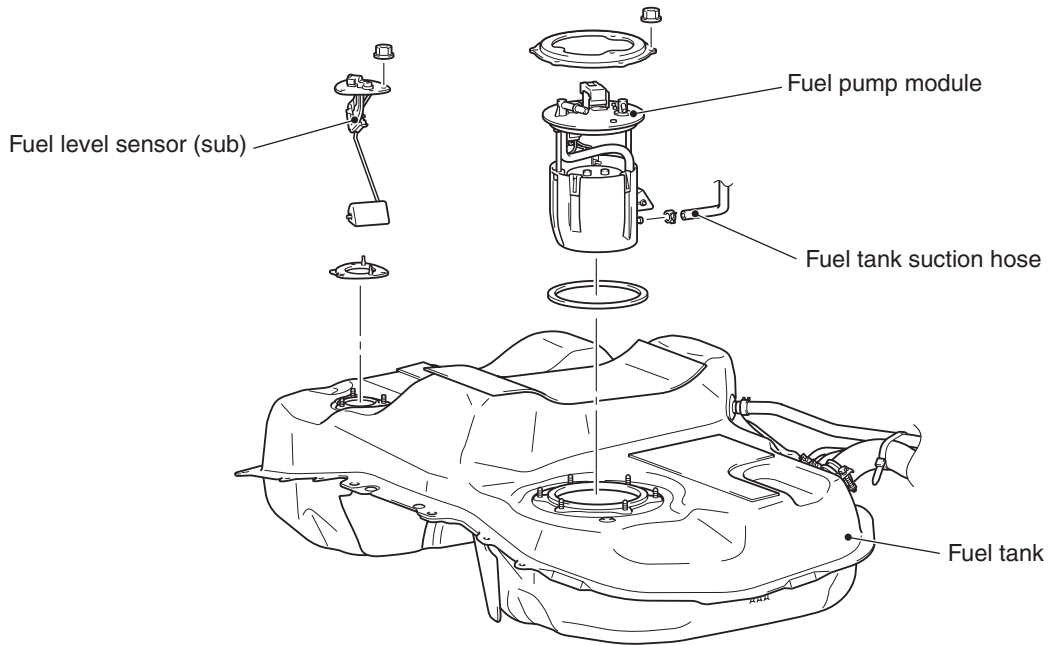
- The fuel tank leveling valve has been installed in the center of the fuel tank so that it will not be easily affected by the fluid level change in the tank and the refueling amount will be stabilized.
- An intank suction filter and fuel tank suction hose have been adopted to offer support to the saddle-type fuel tank. <2.0L ENGINE>

The fuel pump module consists of the following components:

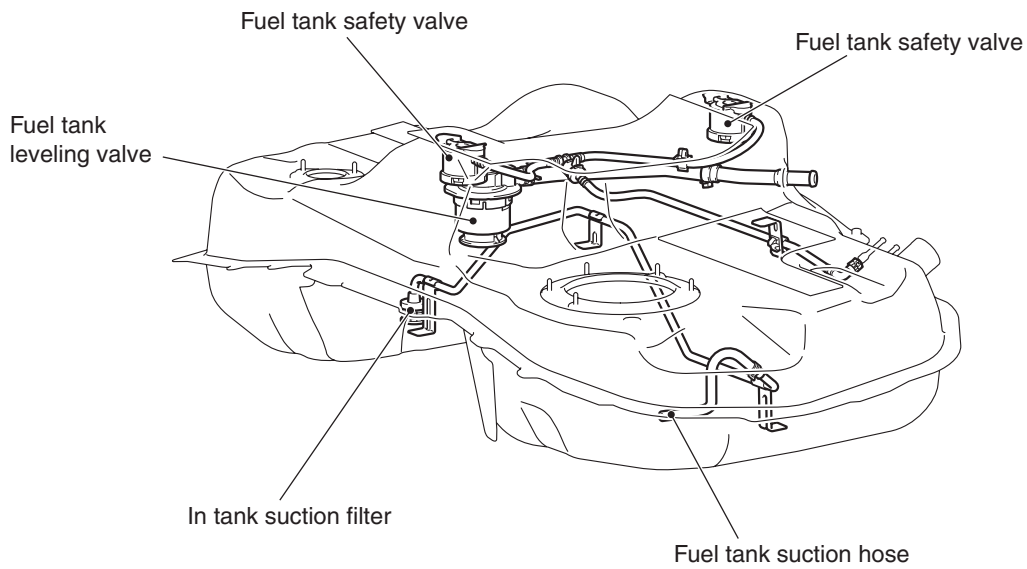
- Fuel tank pump assembly
- Fuel level sensor
- Fuel filter
- Fuel tank pump pressure regulator <2.4L ENGINE>
- Fuel tank differential pressure sensor
- Fuel tank temperature sensor

CONSTRUCTION DIAGRAM

<2.0L ENGINE>

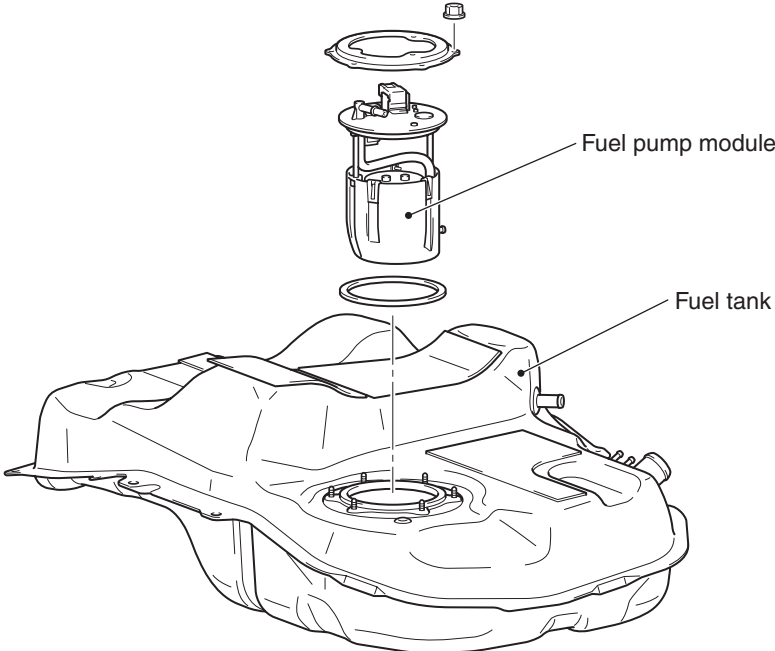


AC709133AB

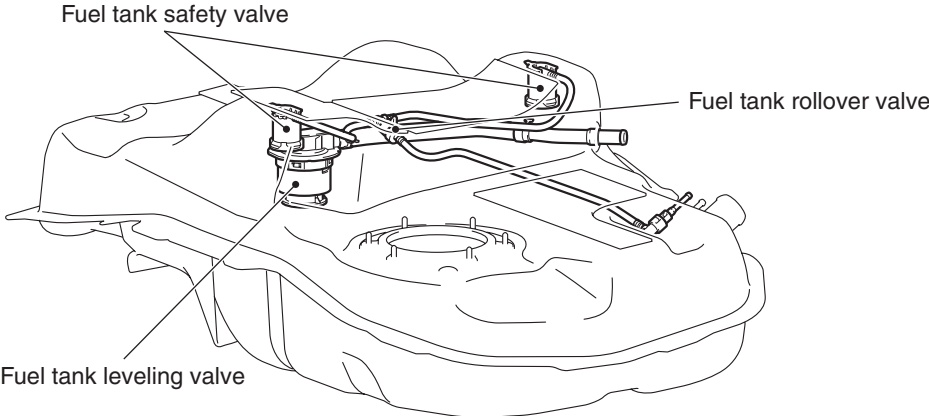


AC709134AC

<2.4L ENGINE>



AC610225AB



AC610226AD