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**GROUP 13B**

**FUEL SUPPLY**

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## GENERAL INFORMATION

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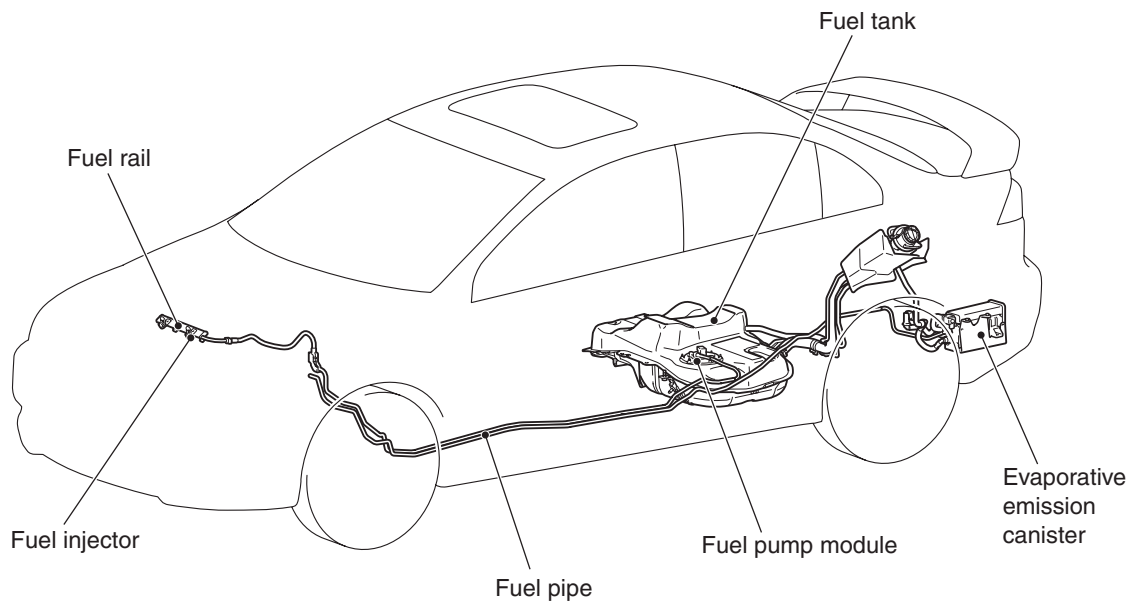
The fuel system consists of the following components:

- Fuel injector
- Fuel rail
- Fuel pipe
- Fuel tank
- Fuel pump module
- Evaporative emission canister

## SPECIFICATIONS

Item		Specification
Fuel tank capacity dm <sup>3</sup> (gal)		59 (15.5)
Fuel pump type		Electric
Fuel filter type		Cartridge (incorporates fuel pump module)
Fuel return system		Returnless
Fuel pump pressure regulator pressure kPa (psi)		324 (46)
Fuel injector	Type	Electro-magnetic
	Quantity	4
Evaporative emission control system		Canister

## CONSTRUCTION DIAGRAM



AC610224 AB

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 thickness of 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.

## FUEL TANK

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The fuel tank assembly consists of the fuel pump module, the fuel tank, and so on, and features the following characteristics:

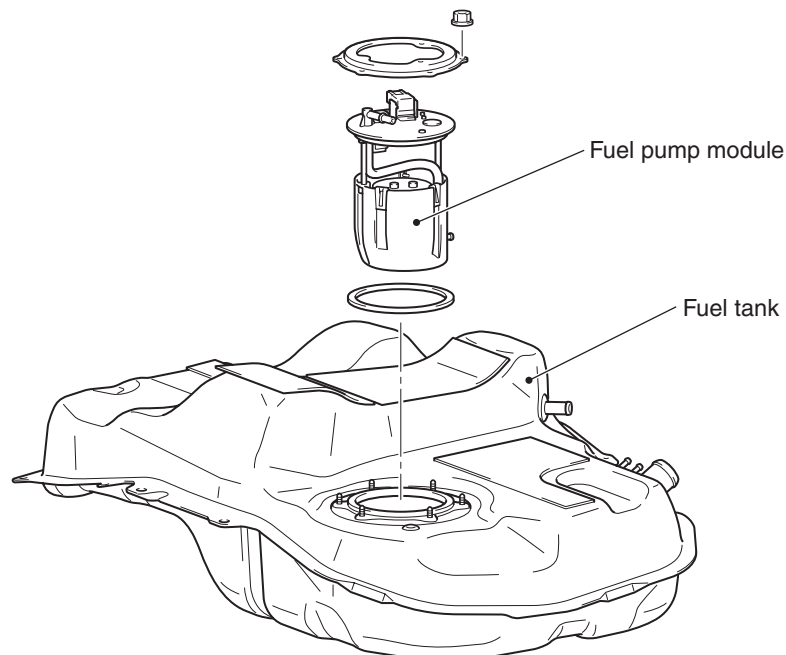
- The fuel tank is mounted underneath the second seat to improve safety at a collision.
- The fuel tank itself is made of a pre-coat zinc alloy galvanised steel sheet that contains no lead.
- The capacity of the fuel tank is 59 dm<sup>3</sup> (15.5 gal) to meet long-distance drives.

- The fuel cut-off valve, fuel tank leveling valve and fuel tube have been installed using in-tank construction to reduce the amount of evaporated fuel from hoses.

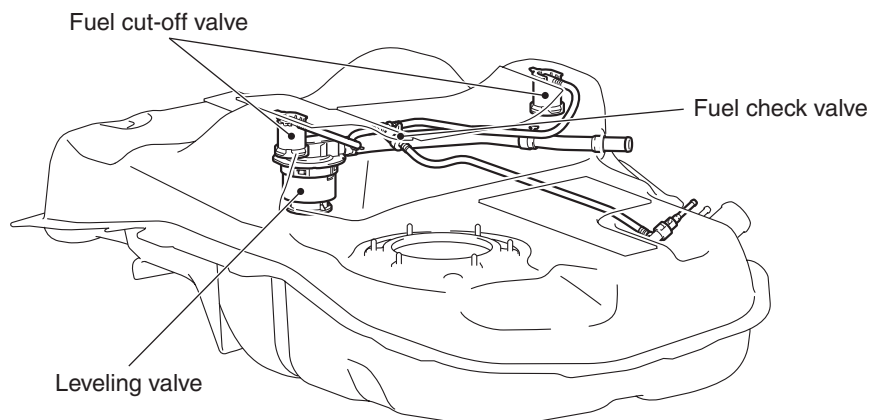
The fuel pump module consists of the following components:

- Fuel pump
- Fuel level sensor
- Fuel filter
- Fuel pump pressure regulator
- Fuel tank differential pressure sensor
- Fuel tank temperature sensor

### CONSTRUCTION DIAGRAM



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## NOTES