
GROUP 13B

FUEL SUPPLY

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GENERAL INFORMATION

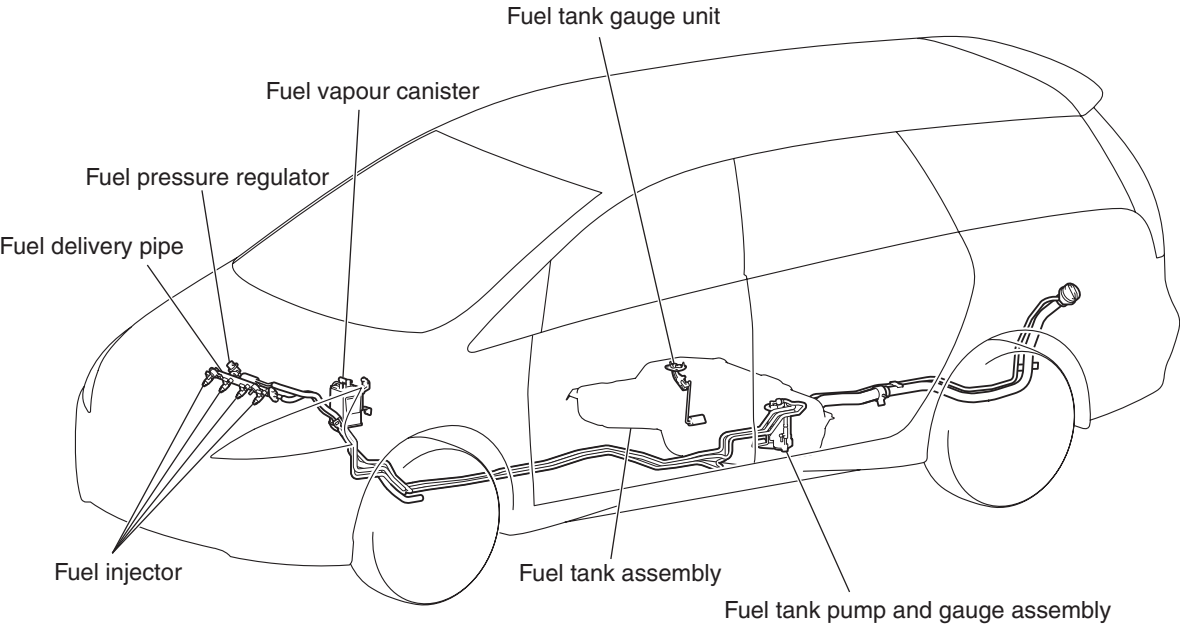
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The fuel system consists of the following components:

- Fuel injector
- Fuel delivery pipe
- Fuel pressure regulator
- Fuel tank assembly
- Fuel vapour canister
- Fuel tank gauge unit
- Fuel tank pump and gauge assembly

SPECIFICATIONS

Item		Specification
Fuel tank capacity L		65
Fuel pump type		Electric
Fuel filter type		Cartridge (incorporating fuel pump)
Fuel return system		Fuel pressure regulator return
Fuel pressure regulator control pressure kPa		328
Fuel injector	Type	Electro-magnetic
	Quantity	4
Evaporative emission control system		Fuel vapour canister



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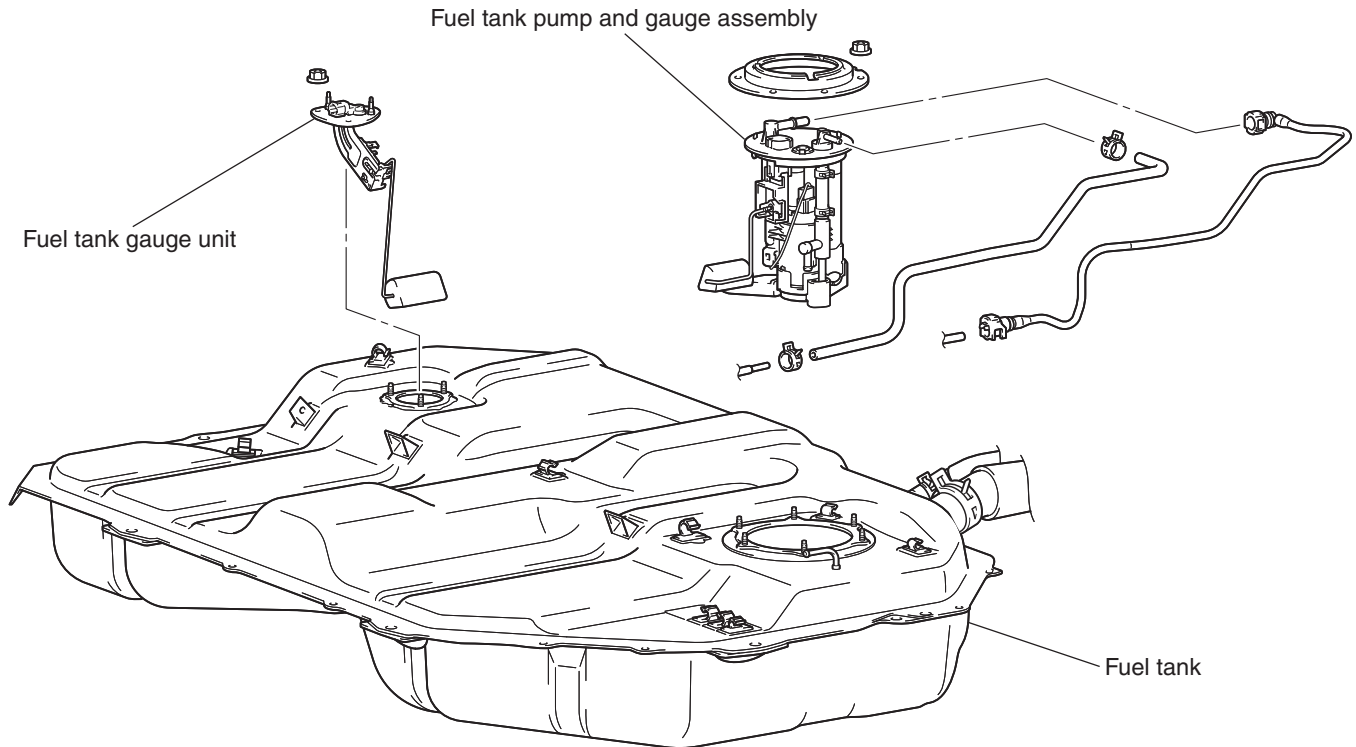
This fuel system is designed with consideration for global environment protection to ensure safety at a collision, reduce weight, and improve reliability and quality. This system has the following features:

- A 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 lines is coated with 1-mm thickness of resin to improve resistance to corrosion and chipping.
- The fuel vapour control line hose (for releasing into the open air) of the fuel vapour canister has been extended to the bottom of the engine compartment to reduce the fuel odour that comes into the passenger compartment.
- A sheet-metal fuel delivery pipe has been adopted so that its cross-sectional area change reduces fuel pressure pulsation, thereby reducing variations in the amount of fuel injection to improve exhaust gas performance.

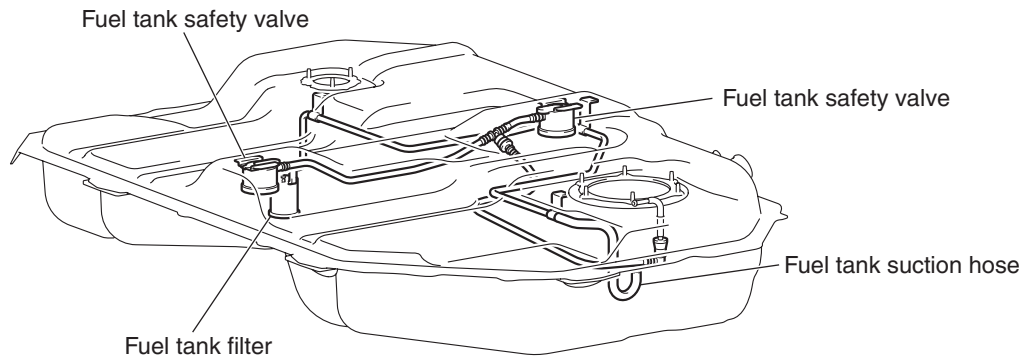
FUEL TANK

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CONSTRUCTION DIAGRAM



AC313460AB



AC302413AC

The fuel tank assembly consists of components such as a fuel tank pump and gauge assembly, a fuel tank gauge unit, and a fuel tank, and has the following features:

- The fuel tank is located underneath the rear seats to improve safety at a collision.
- The fuel tank itself is made of a pre-coat galvanised steel sheet that contains no lead.
- Optimum layout of the baffle plate in the fuel tank has reduced fuel flow noise.
- The capacity of the fuel tank is 65 litres to meet long-distance drives.

- A fuel tank safety valve, which prevents fuel leakage when the vehicle banks or rolls over, is located inside the fuel tank to reduce openings and piping junctions on the top surface of the fuel tank.
- A built-in fuel tank filter and a fuel tank suction hose have been adopted to meet the fuel tank of a saddleback shape.

The fuel tank pump and gauge assembly consist of the following components:

- Fuel tank pump
- Fuel tank gauge unit
- Fuel tank filter assembly
- Fuel tank assist pump

NOTES