

FUEL TANK

GENERAL INFORMATION

1. A cable-type accelerator mechanism and suspended-type pedal have been adopted.
2. The fuel tank is equipped with a valve assembly (roll-over valve). It prevents fuel from leaking out of the tank if the vehicle rolls over.
2. The fuel tank is equipped with a fuel cut-off valve. It prevents fuel from leaking out of the fuel tank when the fuel filler cap is opened and when fuel is being supplied.

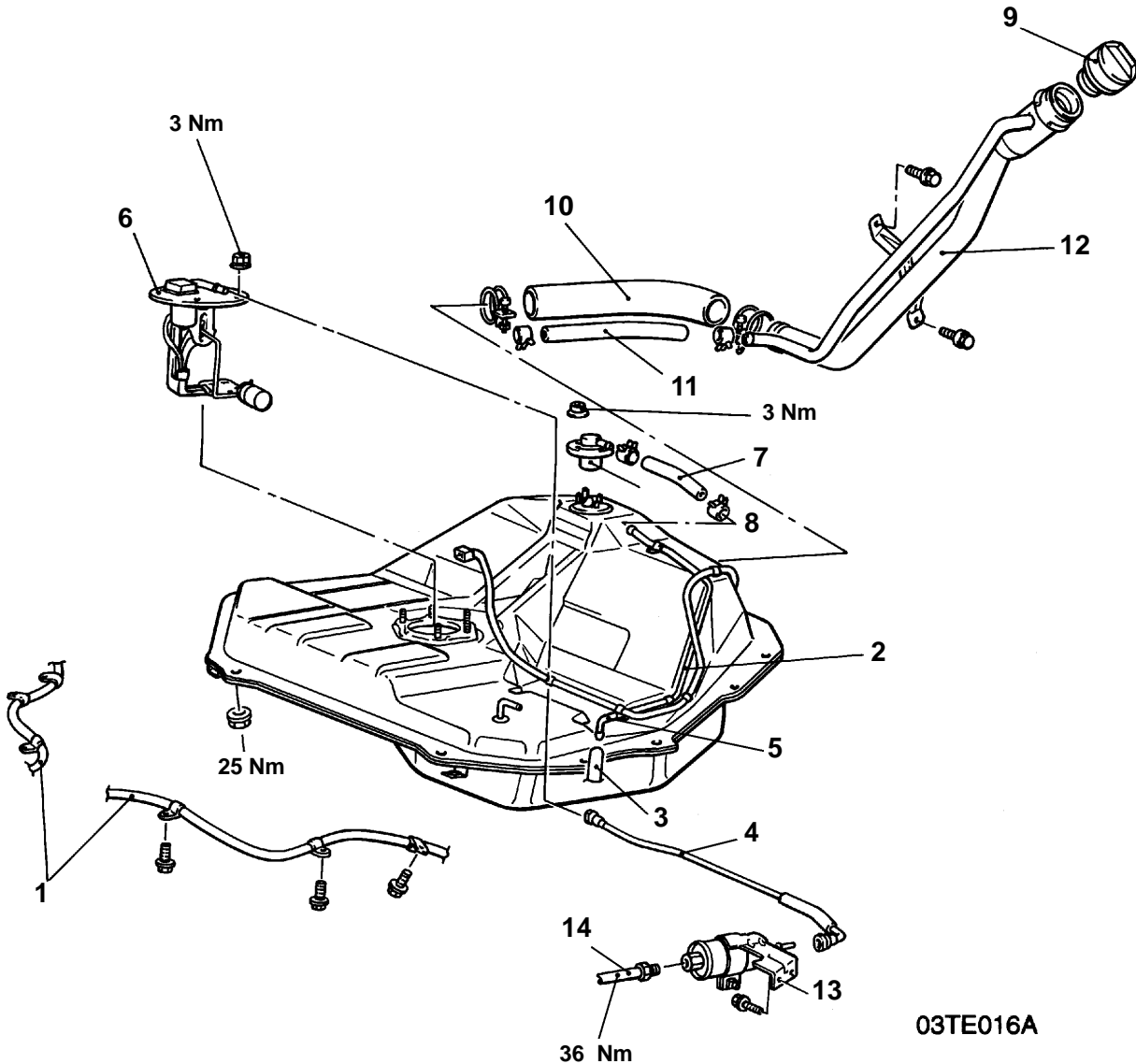
Items		Specifications
Fuel tank capacity (litres)		71
Fuel pump type		Electrical, in-tank type

FUEL TANK<SEDAN>**REMOVAL AND INSTALLATION****Pre-removal Operation**

Reduce the Inner Pressure of Fuel Line and Hose.
(Refer to [Fuel Pump Connector Disconnection \(How To Reduce Pressurised Fuel Lines\)](#).)

Post-installation Operation

Checking for Fuel Leaks



03TE016A

Removal steps

1. Parking brake cable connection
2. Fuel tank
3. Vapour hose
4. Pressure hose
5. Vapour hose connection
6. Fuel pump and gauge assembly
7. Vapour hose
8. Valve assembly
9. Fuel filler cap
10. Filler hose

11. Vapour hose
12. Fuel filler neck
13. Fuel filter assembly
14. Fuel pipe

NOTE

When replacing the fuel gauge unit assembly only, it is possible to work from the service holes underneath the rear seat cushion without having to remove the fuel tank. (Refer to [Fuel Cut Off Valve Check](#).)

FUEL TANK<WAGON>

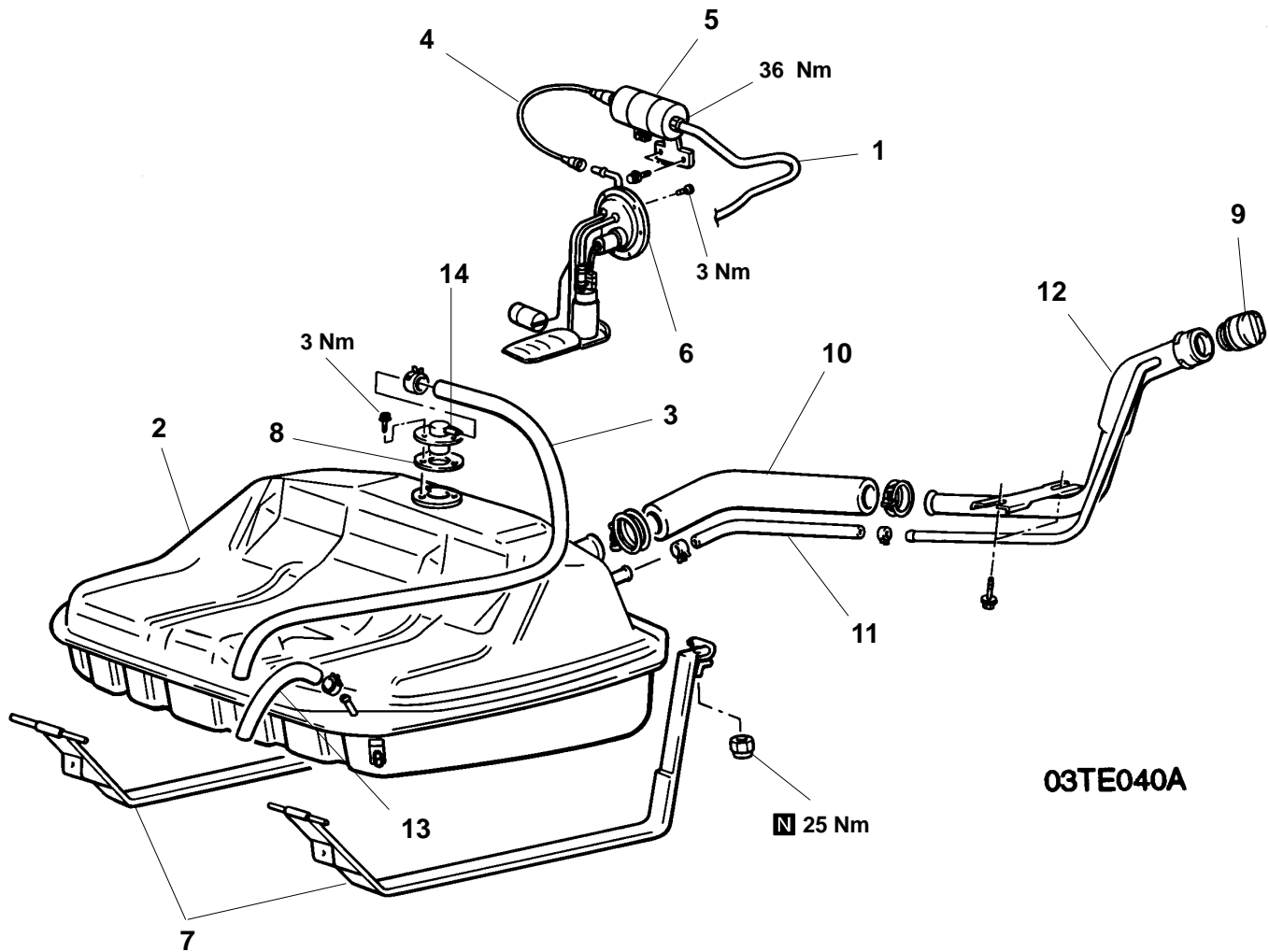
Main
Index13F
Index**Pre-removal Operation**

Reduce the Inner Pressure of Fuel Line and Hose.
(Refer to [Fuel Pump Connector Disconnection \(How To Reduce Pressurised Fuel Lines\)](#).)

Post-installation Operation

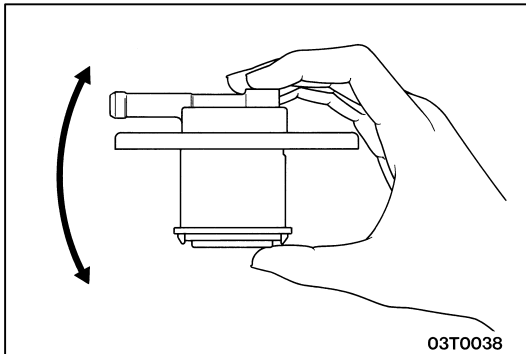
Checking for Fuel Leaks

Caution: Ensure that wiring loom is routed around left hand side of fuel tank. If fuel tank harness is routed over top of tank, replace harness with Part # MR925611.

**Removal steps**

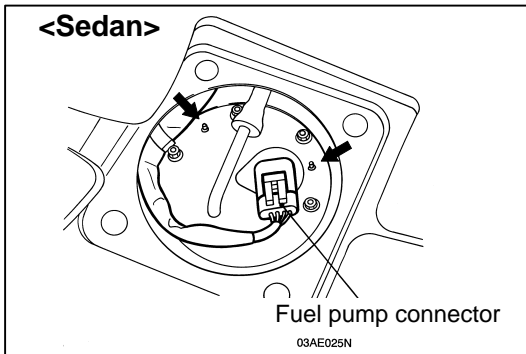
1. Fuel pipe
2. Fuel tank
3. Vapour hose
4. Pressure hose
5. Fuel filter assembly
6. Fuel pump and gauge assembly
7. Tank band
8. Gasket

9. Fuel filler cap
10. Filler hose
11. Vapour hose
12. Fuel filler neck
13. Fuel return hose
14. Fuel cut-off valve



FUEL CUT OFF VALVE CHECK

If the sound of the float valve moving (knocking sound) can be heard when the valve assembly is gently shaken up and down, then the valve is okay.



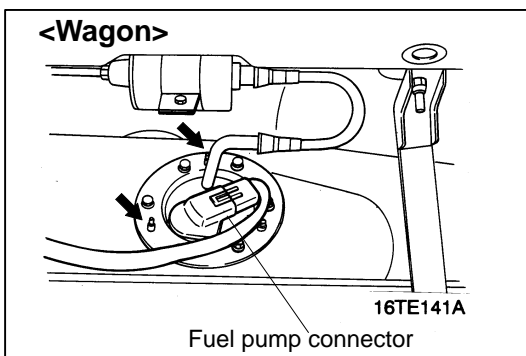
FUEL GAUGE UNIT AND PUMP ASSEMBLY REPLACEMENT<SEDAN>

1. Remove the rear seat cushion.
(Refer to [GROUP 52A – Rear Seat.](#))
2. Remove the cover plate.
3. Disconnect the connector from the fuel gauge unit and pump assembly, and then remove the fuel gauge unit.
4. When installing the fuel gauge unit and pump assembly, tilt the float at the end to the left and insert into the fuel tank.

NOTE

As there is a reservoir inside the fuel tank, if the fuel gauge unit and pump assembly is tilted to the right and inserted, the fuel gauge unit and pump assembly will touch the reservoir.

5. Align the packing positioning projections (locations indicated by arrows) with the holes in the fuel gauge unit and pump assembly.



FUEL GAUGE UNIT AND PUMP ASSEMBLY REPLACEMENT<WAGON>

1. Remove the fuel tank. (Refer to page [13F-4](#))
2. Disconnect the connector from the fuel gauge unit and pump assembly, and then remove the fuel gauge unit.
3. When installing the fuel gauge unit and pump assembly, tilt the float at the end and insert into the fuel tank.
4. Align the packing positioning projections (locations indicated by arrows) with the holes in the fuel gauge unit and pump assembly.

FUEL GAUGE UNIT CHECK

Refer to [GROUP 54 – Combination Meter.](#)

FUEL FILTER

REMOVAL AND INSTALLATION

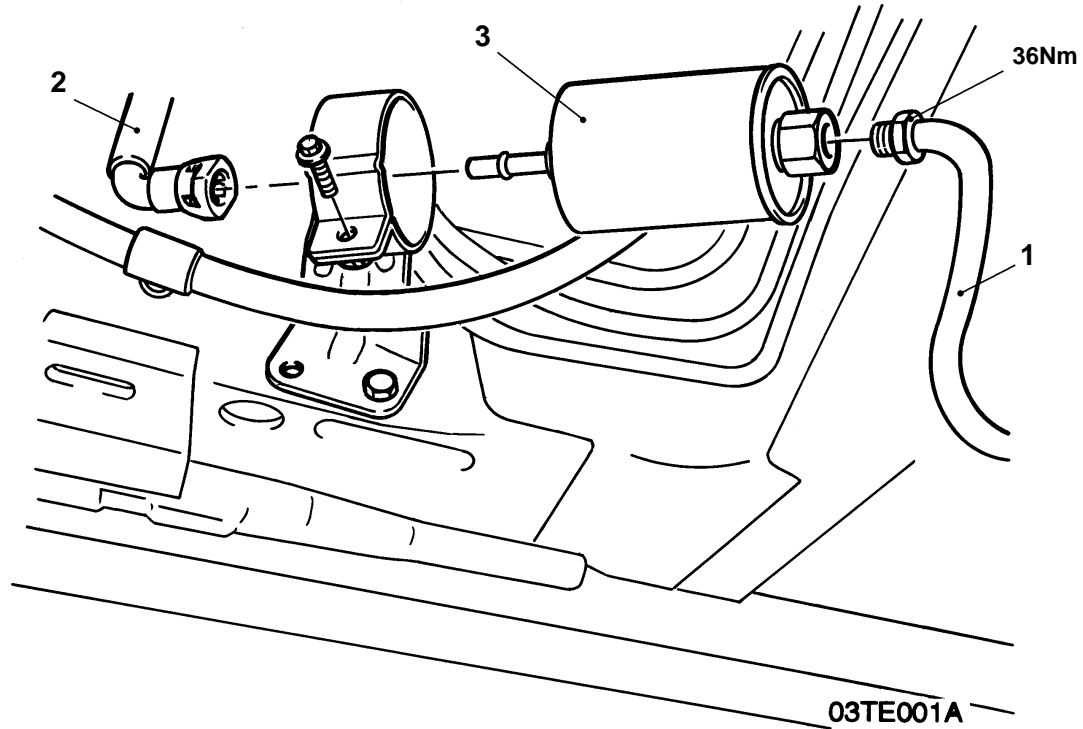
Pre-removal Operation

Reduce the Inner Pressure of Fuel Line and Hose.
(Refer to [GROUP 13A – On-vehicle Service.](#))

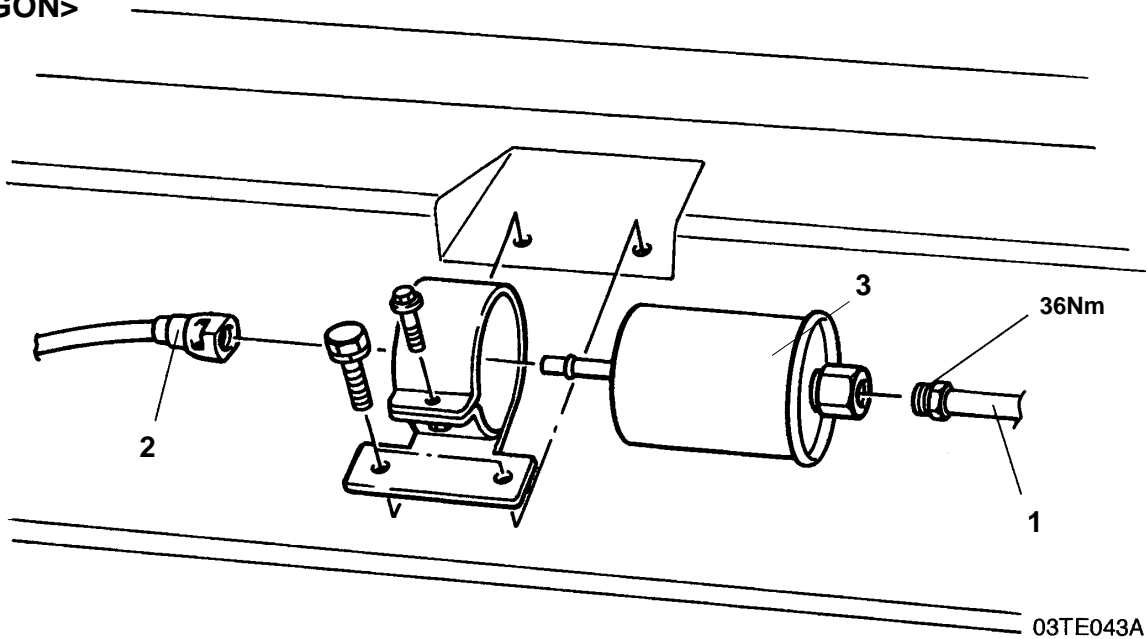
Post-installation Operation

Checking for Fuel Leaks

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Removal steps

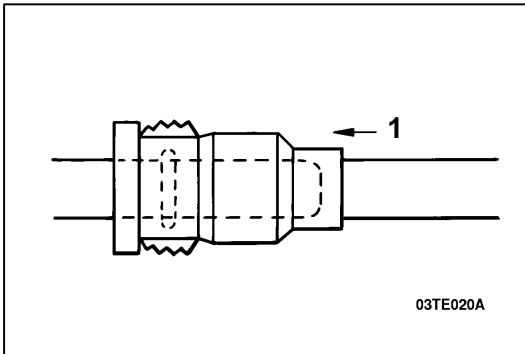
1. Fuel pipe
2. Pressure hose
3. Fuel filter



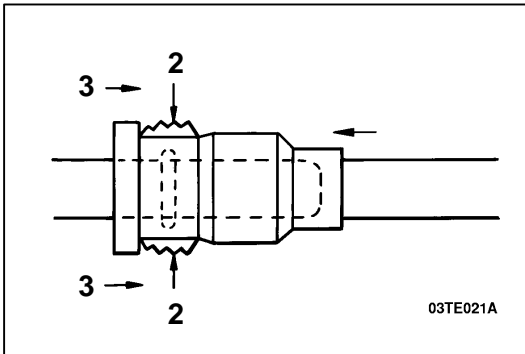
REMOVAL SERVICE POINTS

◀A▶ PRESSURE PIPE

1. Push the connector body gently in the direction shown in the illustration.



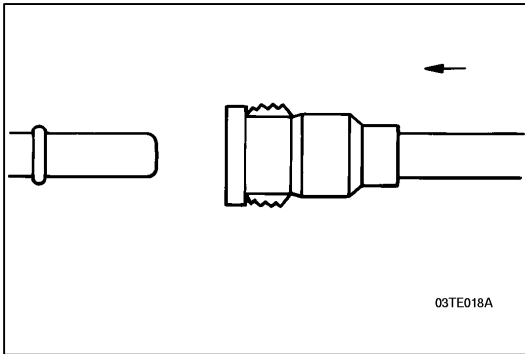
2. Grip the removal tabs at each side
3. Push in the direction of removal.



INSTALLATION SERVICE POINTS

▶A◀ PRESSURE PIPE

1. Push the connector over the pipe until the connector stops with a click.



2. Push the connector gently in the direction of removal to ensure that the connector is installed correctly.

