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LPG TANK: REMOVAL - REFITTING

Equipment required

component jack

REMOVAL

- It is essential to read the repair precautions([see 17C, LPG injection, LPG injection: Precautions for the repair](#)) .
- Park the vehicle outside.
- Disconnect the battery([Battery: Removal - Refitting](#) (80A, Battery)).
- Partially remove the neck - LPG tank pipe on the LPG multifunction valve side([see 17C, LPG injection, LPG tank - neck pipe: Removal - Refitting](#)) .
- Drain the LPG tank([see 17C, LPG injection, LPG tank: Draining](#)) .
- Take the vehicle back inside.
- Position the vehicle on a two-post lift([Vehicle: Towing and lifting](#) (02A, Lifting equipment)).
- Remove:
 - the protection of the LPG tank,
 - the central mounting nut from the LPG tank frame support.
- Fit the component jackunder the LPG tank frame support.
- Remove:
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- 2 rear mounting nuts from the LPG tank frame support,
- 2 front mounting nuts from the LPG tank frame support,
- the frame support with the LPG tank.

1. ONLY IN CASE OF REPLACEMENT

For making inert the old LPG tank, outside the building and in the open air perform the following operations :

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- remove the LPG tank multifonction valve,
- fill the LPG tank with water,
- empty the water from the LPG tank.

The old LPG tank is now portable and recyclable as an ordinary part.

REFITTING

Proceed in the reverse order to removal.

Torque tighten:

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- the front mounting nuts of the LPG tank frame support 45 N.m,
- the rear mounting nuts of the LPG tank frame support 45 N.m,
- the central mounting nut of the LPG tank frame support 28 N.m,

the mounting nut of the LPG tank protection **11 N.m.**

Torque tighten the nut of the neck - LPG tank pipe on the LPG tank multifunction valve **14 N.m**
([see 17C, LPG injection, LPG tank - neck pipe: Removal - Refitting](#)) .

Torque tighten the nut of the LPG multifunction valve - LPG expansion valve unit pipe **11 N.m** ([see 17C, LPG injection, LPG tank: Draining](#)) .

Check the sealing of the unions on the LPG multifunction valve with leak detection product [Vehicle: Parts and consumables for the repair](#) (04B, Consumables - Products):

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- fill the tank with several litres of LPG,
- start the engine, and operate it in "gas" mode,
- apply leak detector and check that there are no leaks on the unions,
- wait for 5 minutes,
- check that there are no leaks,
- fill up the tank,
- start the engine, and operate it in "gas" mode,
- apply leak detector and check that there are no leaks on the unions,
- wait for 5 minutes,
- check that there are no leaks on the union.