

TRACTION BATTERY HEATING RESISTOR : REMOVAL - REFITTING



Note, one or more warnings are present in this procedure



Location and specifications (tightening torques, parts always replaced, etc.) [\(see 62D, Traction battery air conditioning, Traction battery air conditioning assembly : Exploded view\)](#) .

WARNING



■ To avoid all risk of damage to the systems, apply the safety and cleanliness instructions and operation recommendations before carrying out any repair:

- [Air conditioning: Precautions for the repair](#)
- [Vehicle: Precautions for the repair](#)

CAUTION



To prevent moisture from entering the system, place plugs on the cold loop components which are open to the air.

REMOVAL

1. REMOVAL PREPARATION OPERATION

- Position the vehicle on a two-post lift [Vehicle: Towing and lifting](#) .
- Lockout the 12V supply circuit [Vehicle: Lockout - Removal of lockout](#) .
- Remove:
 - the rear left-hand wheel [Wheel: Removal - Refitting](#) ,
 - the rear left-hand wheel arch liner [Exterior body front trim assembly: Exploded view](#) ,
 - the rear underbody protector.
- Remove [\(see 62D, Traction battery air conditioning, Traction battery air conditioning assembly : Exploded view\)](#) :
 - the screws of the traction battery air conditioning distribution unit lower cover,
 - the traction battery air conditioning distribution unit lower cover.
- Apply super cleaning agent for joint faces [Vehicle: Parts and consumables for the repair](#) to the joint faces of the traction battery air conditioning distribution unit lower cover and the traction battery air conditioning distribution unit [\(see 62D, Traction battery air conditioning, Traction battery air conditioning assembly : Exploded](#)



WARNING

Wear leaktight gloves (Nitrile type) for this operation.

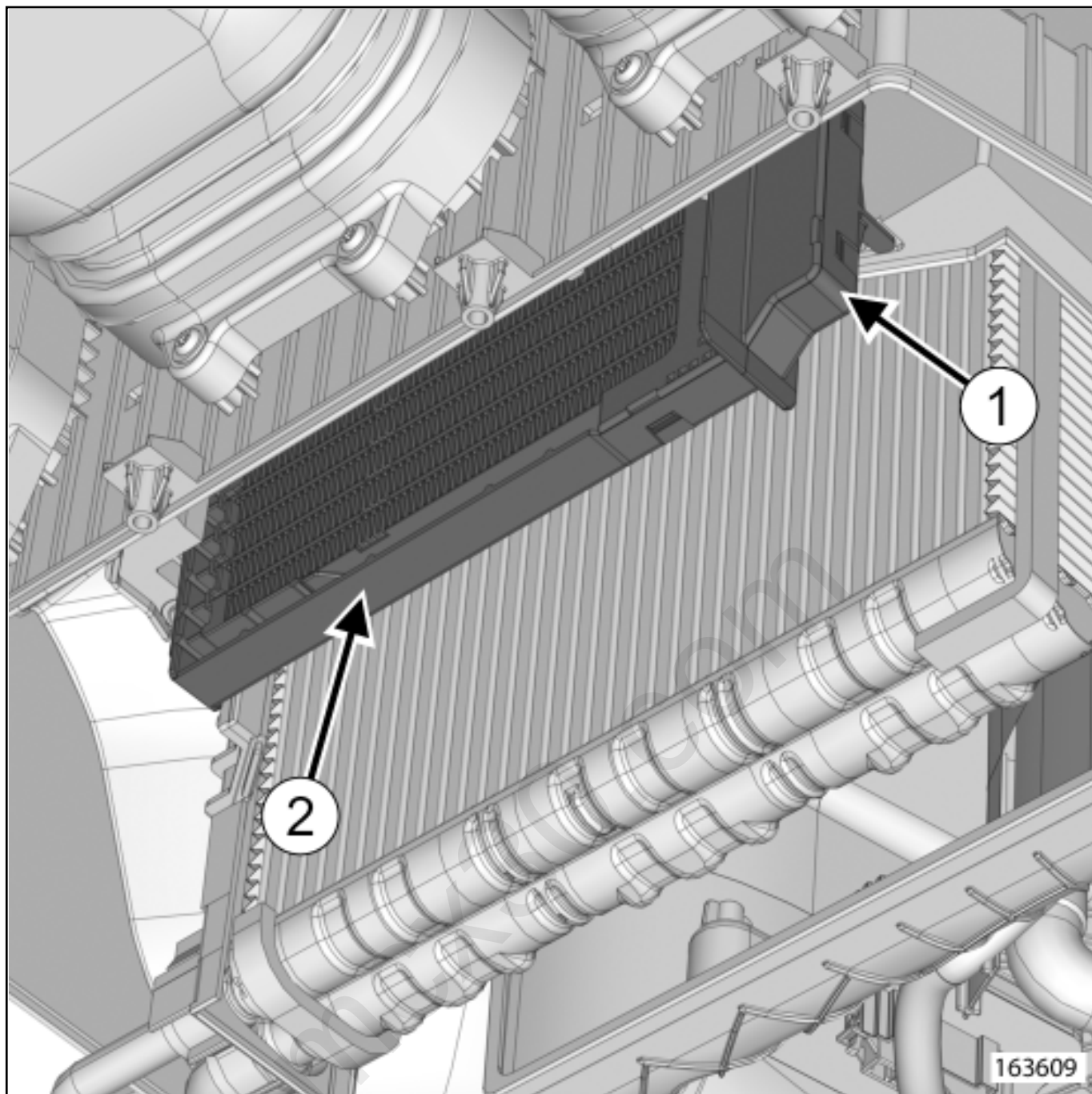
- Wait approximately 10 min.
- Remove the residue using a wooden spatula.
- Finish cleaning the parts using a grey abrasive pad [Vehicle: Parts and consumables for the repair](#) .
- Degrease and clean the joint faces using surface cleaner [Vehicle: Parts and consumables for the repair](#) .



CAUTION

To ensure proper sealing, the gasket surfaces must be clean, dry and not greasy (avoid any finger marks).

2. REMOVAL OPERATION



- Disconnect the traction battery resistor unit connector(1) ([see 62D, Traction battery air conditioning, Traction battery air conditioning assembly : Exploded view](#)) .
- Remove ([see 62D, Traction battery air conditioning, Traction battery air conditioning assembly : Exploded view](#)) :
 - the screw of the traction battery resistor unit,
 - the traction battery resistor unit(2) .

REFITTING

1. REFITTING OPERATION

- Refit [\(see 62D, Traction battery air conditioning, Traction battery air conditioning assembly : Exploded view\)](#) :
 - the traction battery resistor unit,
 - the screw of the traction battery resistor unit.
- Connect the traction battery resistor unit connector [\(see 62D, Traction battery air conditioning, Traction battery air conditioning assembly : Exploded view\)](#) .

2. FINAL OPERATION

- Apply a bead of silicone adhesive sealant [Vehicle: Parts and consumables for the repair](#) on the traction battery air conditioning distribution unit lower cover [\(see 62D, Traction battery air conditioning, Traction battery air conditioning assembly : Exploded view\)](#) .
- Proceed in the reverse order to removal.
- Remove the lockout of the 12V supply circuit [12 V supply circuit : Lockout - Removal of lockout](#) .



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