

BRAKING ASSISTANCE UNIT : REMOVAL - REFITTING



Note, one or more warnings are present in this procedure



Equipment required

pedal press

WARNING



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

- [Brake circuit: Precautions for the repair](#) ,
- [Vehicle: Precautions for the repair](#) .



CAUTION

Prepare for the flow of fluid, and protect the surrounding components.

Location and specifications (tightening torques, parts always replaced, etc.) [\(see 37A, Mechanical component controls, Braking control assembly: Exploded view\)](#) .

REMOVAL

1. REMOVAL PREPARATION OPERATION

■ Position the vehicle on a two post lift [Vehicle: Towing and lifting](#) .

WARNING

DANGER: HIGH VOLTAGE VEHICLE.



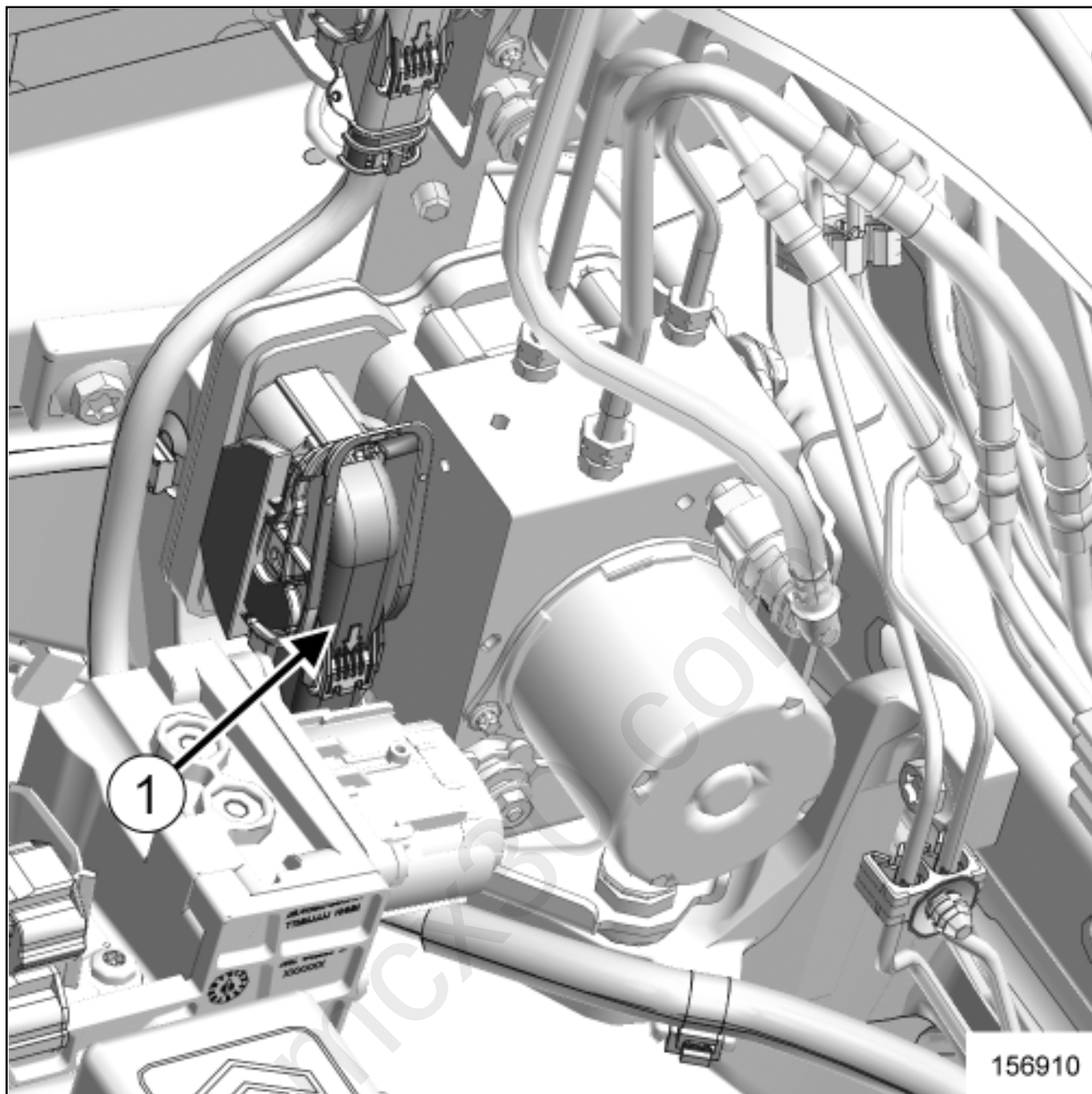
Risks of serious burns or electric shocks that may prove fatal.

Before carrying out any work on the vehicle, it is essential that you follow the instructions regarding vehicle lockout. This work must be carried out by an employee who is qualified and authorised to work on a high-voltage onboard network [Vehicle:](#)

[Precautions for the repair](#) .

- Lockout the vehicle [Vehicle: Lockout - Removal of lockout](#) .
- Position the pedal press on the brake pedal to limit the outflow of brake fluid.
- Remove the engine undertray.
- Drain the cooling system [Cooling system: Draining - Refilling](#) .
- Remove:
 - the windscreen wiper arms [Wiping and washing: List and location of components](#) ,
 - the scuttle panel grille [Scuttle panel grille: Removal - Refitting](#) ,
 - the electric vehicle charger [Electric vehicle charger: Removal - Refitting](#) .

2. REMOVAL OPERATION



- Disconnect the connector(1) from the braking assistance unit.
- Undo the braking assistance unit pipe unions([see 37A, Mechanical component controls, Braking control assembly: Exploded view](#)) .
- Fit blankings plugs on the openings of the braking assistance unit and brake pipes.
- Remove ([see 37A, Mechanical component controls, Braking control assembly: Exploded view](#)) :
 - the braking assistance unit nuts,
 - the braking assistance unit.

1. REFITTING OPERATION



CAUTION

Do not remove the blanking plugs from each component until the last moment.

Also, do not remove the components from their packaging until they are to be fitted to the vehicle.

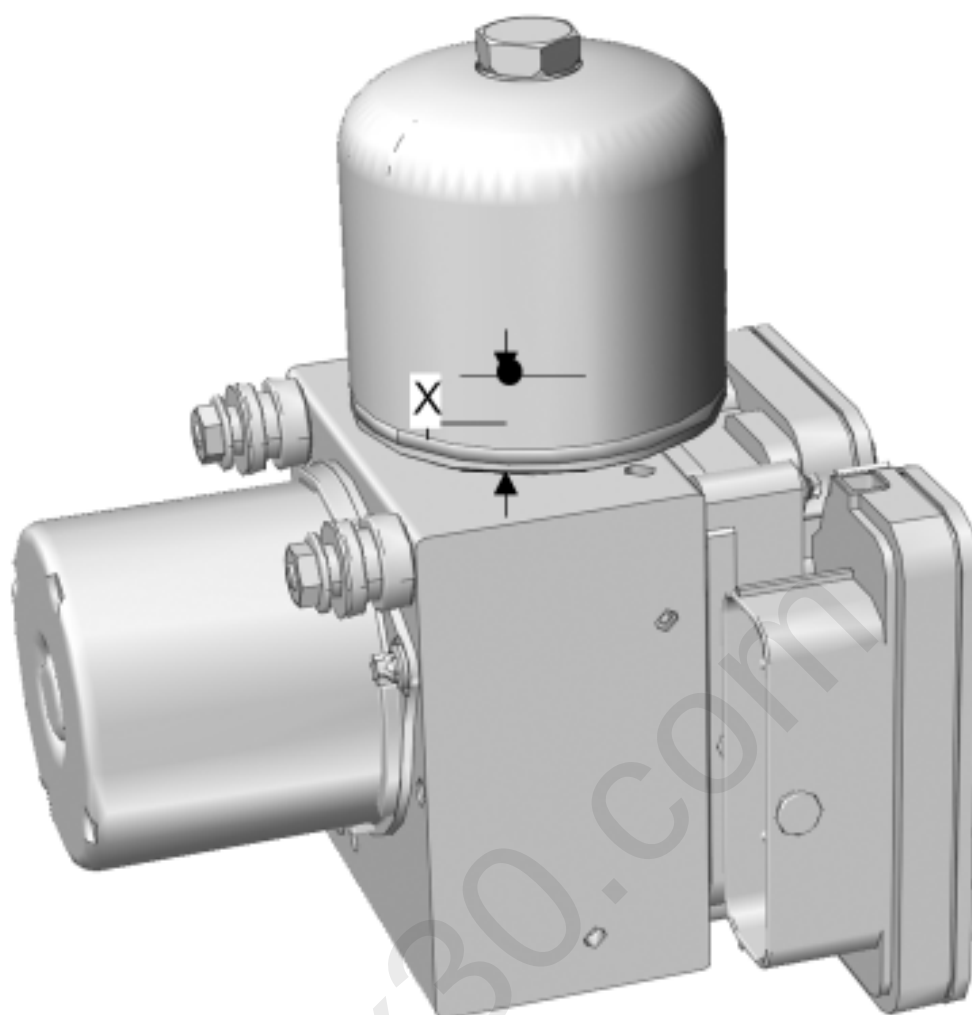
- ❑ Proceed in the reverse order to removal.
- ❑ Remove the lockout of the vehicle [Vehicle: Lockout - Removal of lockout](#) .
- ❑ Remove the pedal press from the brake pedal.
- ❑ Bleed the brake circuit [Braking circuit: Bleed](#) .

DEACTIVATION - DESTRUCTION



WARNING

DANGER: Risk of serious injury from splashes of pressurised brake fluid. To avoid any risk of accident, do not unscrew the pressure accumulator of the Brake Assistance Control Module and do not attempt to drill into it without observing the recommended procedure.



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- Drill the accumulator using a 5 mmdiameter drill bit respecting the distance(x) = 6 mm.



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