

MASTER CYLINDER: REMOVAL - REFITTING



Note, one or more warnings are present in this procedure



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

WARNING

DANGER: HIGH VOLTAGE VEHICLE.



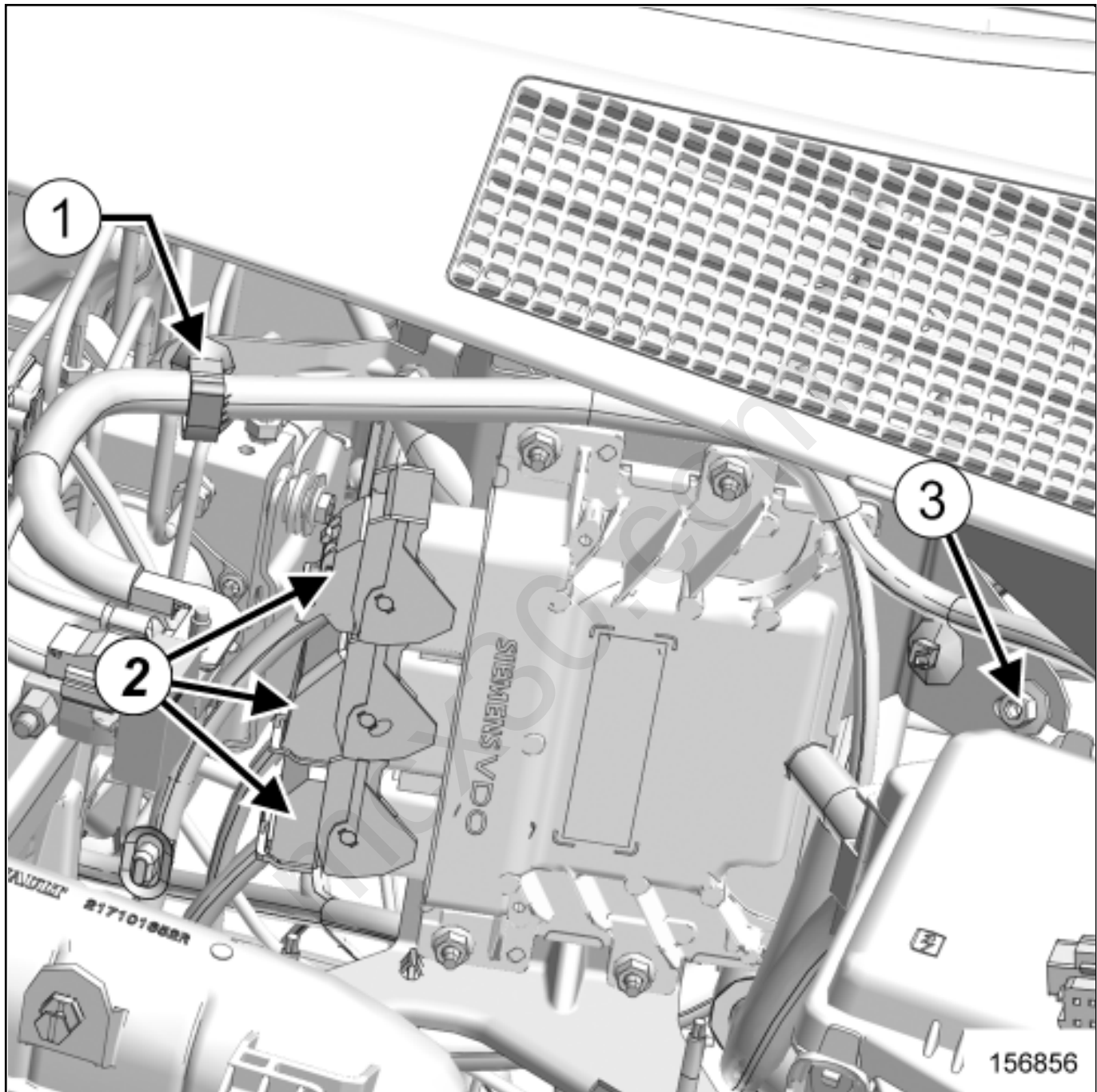
Risks of serious burns or electric shocks that may prove fatal.

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](#) .

■ Remove:

- the battery [Battery: Removal - Refitting](#) ,
- the battery tray [Battery tray: Removal - Refitting](#) ,
- the left-hand dashboard side panel [Dashboard assembly: Exploded view](#) ,
- the left-hand dashboard trim [Dashboard assembly: Exploded view](#) ,
- the dashboard lower trim [Dashboard assembly: Exploded view](#) .



- Unclip the battery wiring at (1) .
- Disconnect the connectors (2) from the electric vehicle central control unit.
- Remove:
 - the electric vehicle central control unit support nut (3) ,
 - the electric vehicle central control unit with its support.

2. REMOVAL OPERATION

- Drain the brake fluid reservoir with a syringe.
- Undo the master cylinder pipe unions([see 37A, Mechanical component controls, Braking control assembly: Exploded view](#)) .
- Fit blanking plugs on the openings of the master cylinder and the brake pipes.
- Remove ([see 37A, Mechanical component controls, Pedal assembly: Exploded view](#)) :
 - the brake pedal switch,
 - the brake pedal - master cylinder connecting pin.
- Remove ([see 37A, Mechanical component controls, Braking control assembly: Exploded view](#)) :
 - the master cylinder nuts,
 - the master cylinder.

REFITTING

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](#)) .
- Bleed the brake circuit([Braking circuit: Bleed](#)) .



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