BRAKE PEDAL: REMOVAL - REFITTING

Note, one or more warnings are present in this procedure

Location and specifications (tightening torques, parts always to be replaced, etc.)(see 37A, Mechanical component controls, Pedal assembly: Exploded view) and(see 37A, Mechanical component controls, Braking control assembly: Exploded view) .

WARNING

Before carrying out any operation on a vehicle fitted with the Stop & Start system, always follow the safety instructions**Vehicle: Precautions for the repair**

WARNING

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

- (see 37A, Mechanical component controls, Pedal assembly mechanism: Precautions for the repair)
- Vehicle: Precautions for the repair

REMOVAL

1. REMOVAL PREPARATION OPERATION

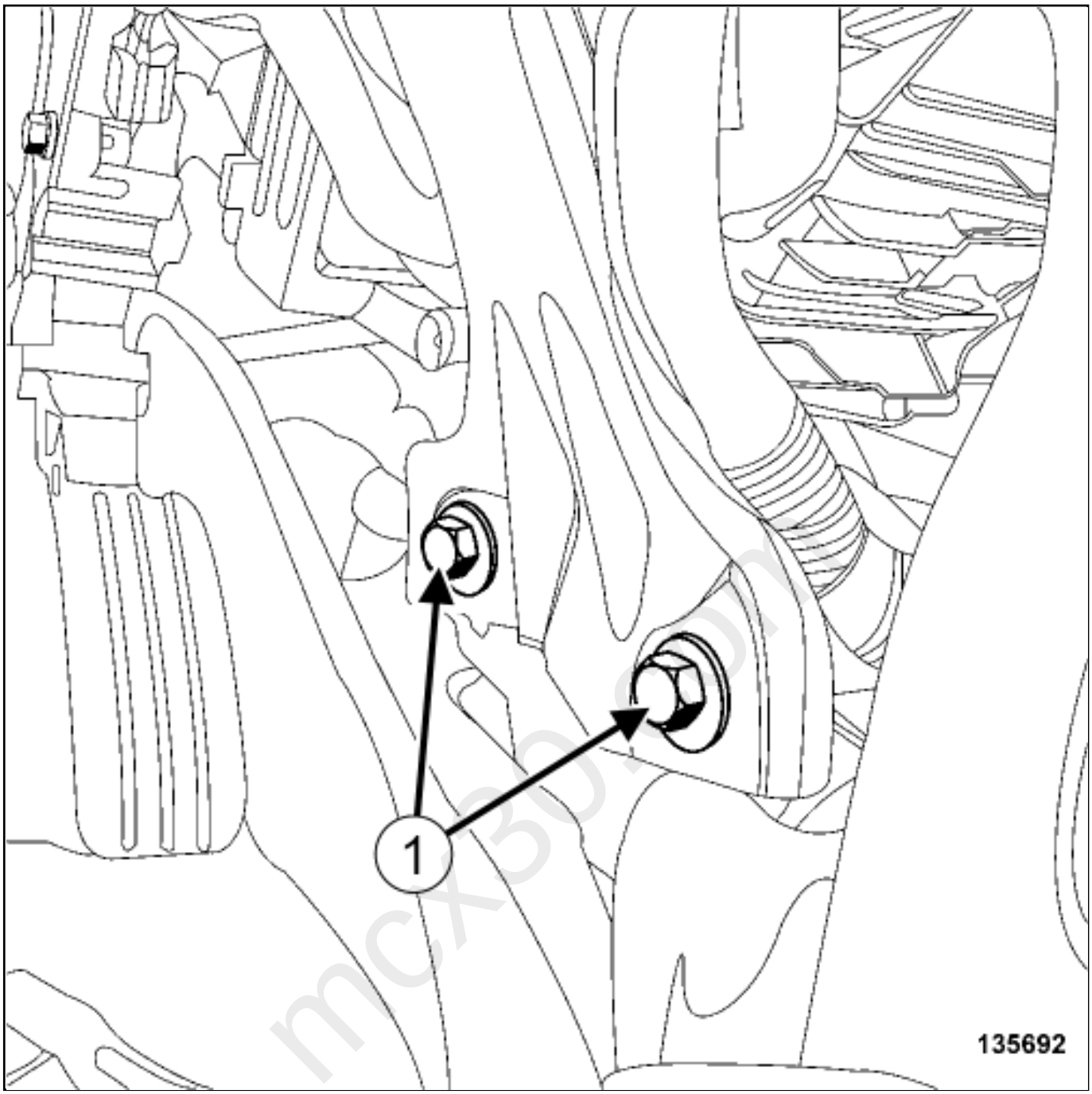
WARNING

DANGER: Risk of serious injury due to short-circuiting or untimely triggering of an electrical system (pyrotechnic components, windscreen wiper motor, fan assembly etc.) following possible re-supply of the 12-volt supply circuit by the voltage converter.

Please follow the instructions regarding lockout of the 12 V supply circuit.

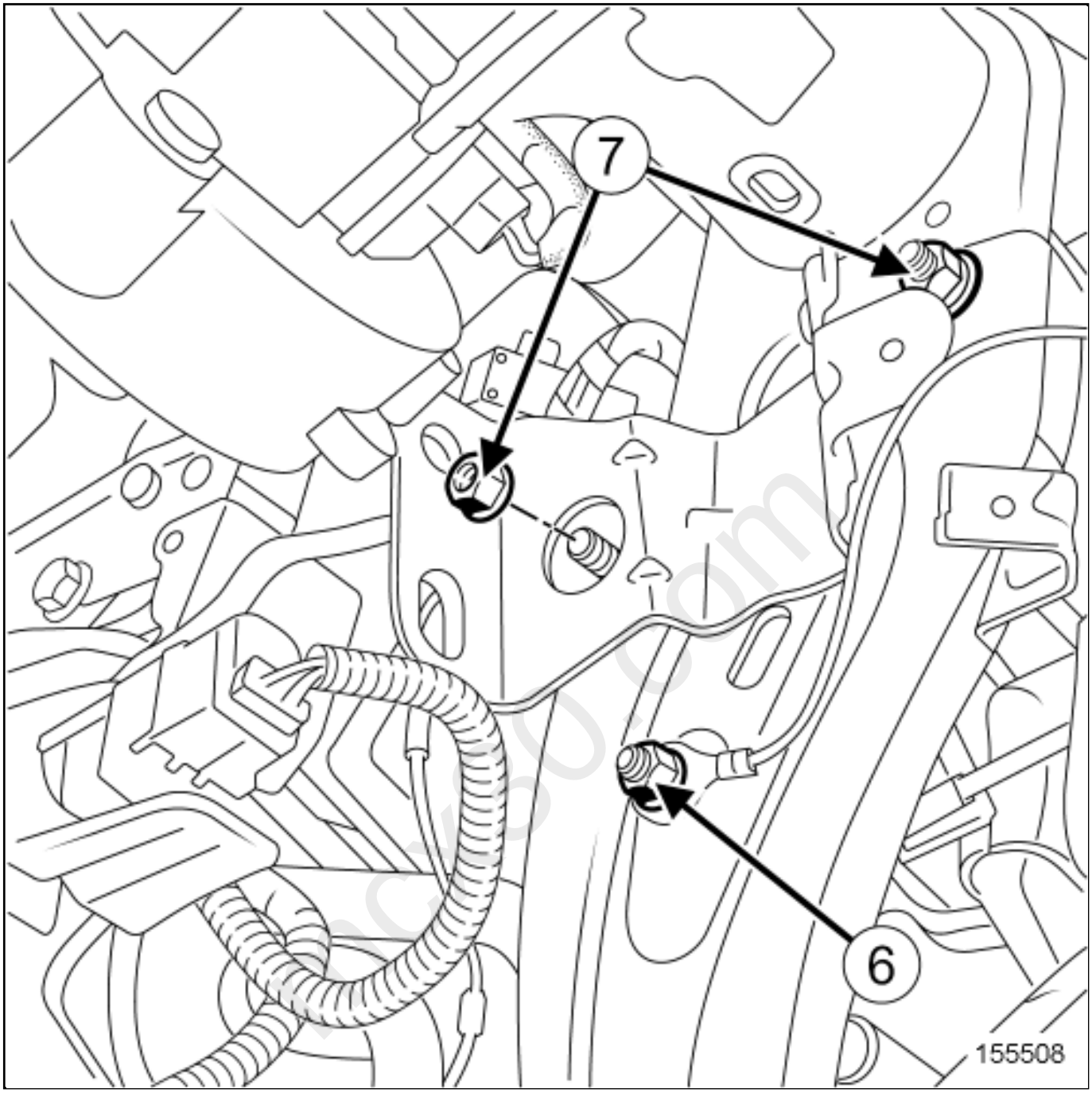
If the procedure fails, do not continue with your task and ask an employee who is qualified and authorised to work on a high-voltage onboard network to perform fault finding Vehicle: Precautions for the repair .

- Lockout the 12V supply circuit12 V supply circuit : Lockout - Removal of lockout .
- Remove the left-hand A-pillar trimInterior body side trim assembly: Exploded view .
- Remove the dashboard lower trimDashboard assembly: Exploded view .
- Remove the centre console.



- Remove the lower bolts(1) from the dashboard cross member reinforcement.

- Remove the front footwell air distribution duct Air distribution circuit assembly: Exploded view .



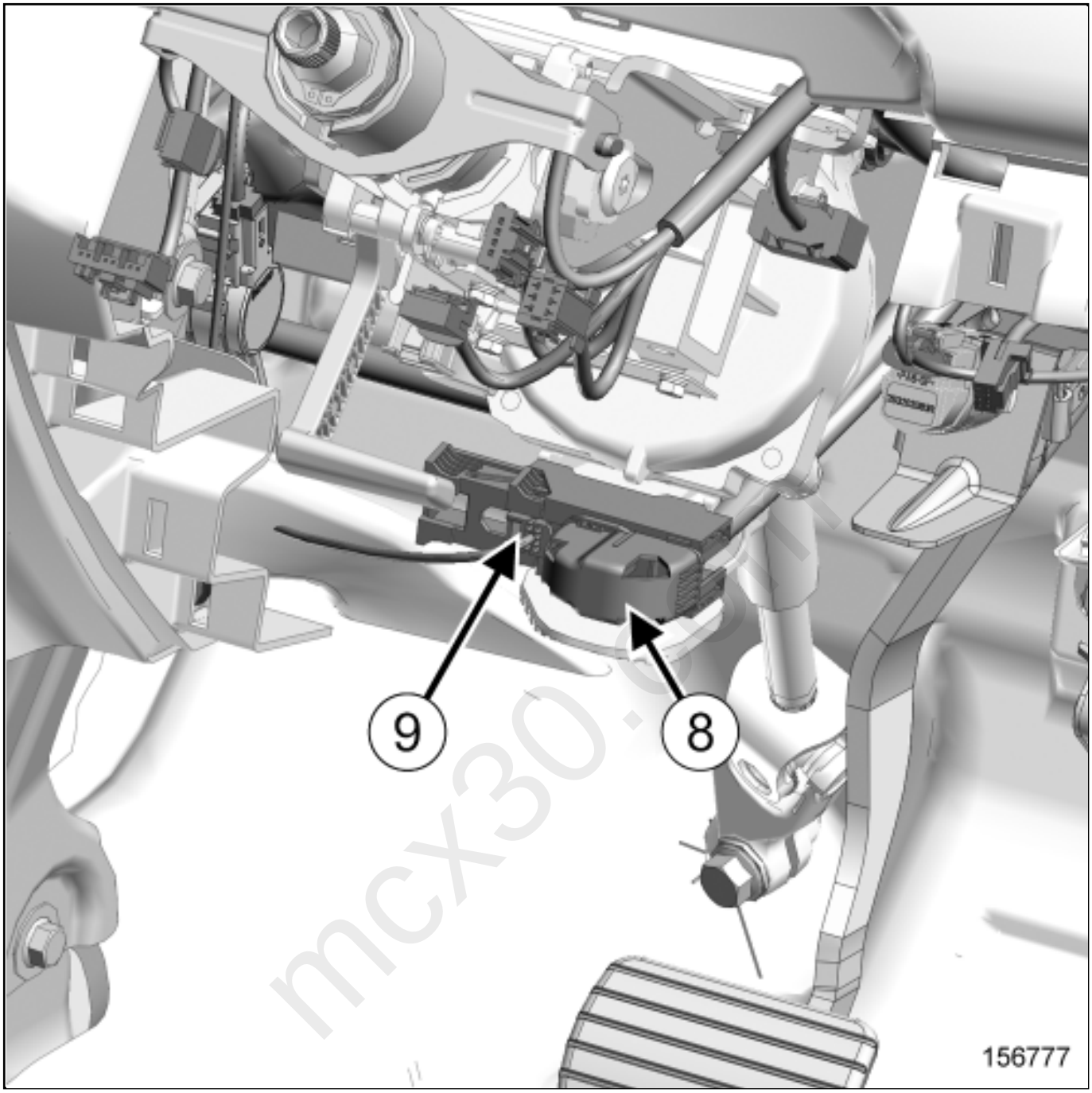
- Remove:
  - the earth nut(**6**) from the dashboard cross member reinforcement,
  - the upper nuts(**7**) from the dashboard cross member reinforcement,
  - the dashboard cross member reinforcement.

- Disconnect the connector from the brake pedal switch.

- Remove the brake pedal switch by turning it a quarter of a turn anti-clockwise.

- Disconnect the accelerator pedal connector.

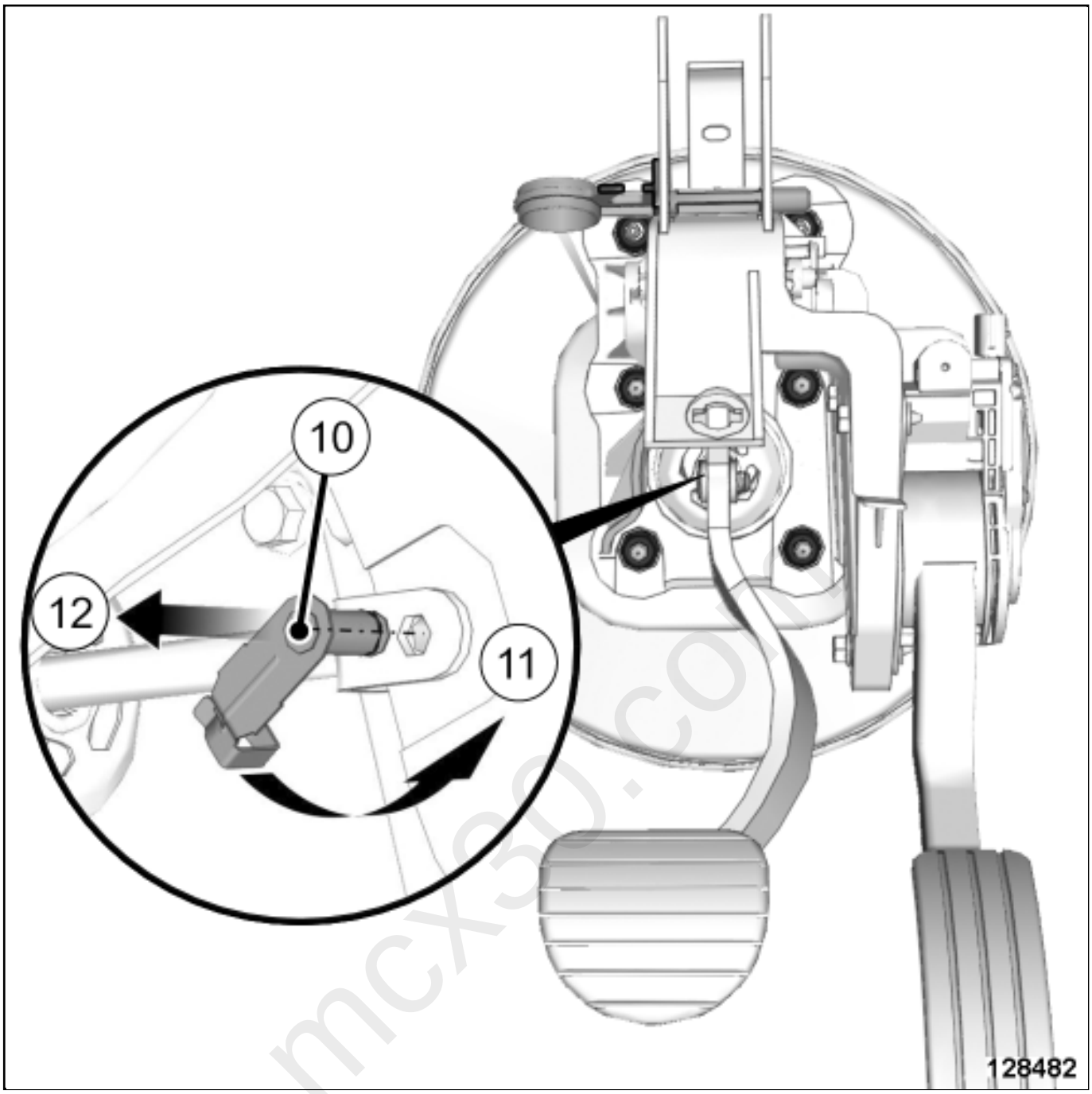
Remove the accelerator pedal(see 37A, Mechanical component controls, Pedal assembly: Exploded view) .



Disconnect:

- the power-assisted steering computer connector(8) ,
- the electric power-assisted steering computer signal connector(9) .

2. REMOVAL OPERATION



- Remove the connecting shaft(**10**) between the brake pedal and the brake servo pushrod:
  - unlock the shaft in accordance with(**11**) ,
  - extract the shaft in accordance with(**12**) .
- Remove **(see 37A, Mechanical component controls, Pedal assembly: Exploded view)** :
  - the brake pedal shaft,

the brake pedal.

REFITTING

1. REFITTING PREPARATION OPERATION

- Check the condition of the parts.
- Replace any faulty parts.
- Coat the shaft with multipurpose grease Vehicle: Parts and consumables for the repair .

2. REFITTING OPERATION

- Proceed in the reverse order to removal.
- Tighten to torque:
  - the dashboard cross member reinforcement upper nuts 21 N.m,
  - the dashboard cross member reinforcement lower bolts 21 N.m,
  - the earth nut on the dashboard cross member reinforcement 8 N.m.
- Adjust the brake pedal switch (see 37A, Mechanical component controls, Pedal switches: Adjustment) .
- Remove the lockout of the 12V supply circuit 12 V supply circuit : Lockout - Removal of lockout .

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