

REAR AXLE RUBBER BEARING: REMOVAL - REFITTING



Note, one or more warnings are present in this procedure



Special tooling required

Tool for removing and refitting rear axle rubber bushes

Tar. 1838

Equipment required

component jack

WARNING



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

- [\(see 33A, Rear axle components, Rear axle components: Precautions for the repair\)](#) ,
- [Vehicle: Precautions for the repair](#) .

Location and specifications (tightening torques, parts always to be replaced, etc.)[\(see 33A, Rear axle components, Rear axle assembly: Exploded view\)](#) .

REMOVAL

1. REMOVAL PREPARATION OPERATION

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

WARNING

DANGER: HIGH VOLTAGE VEHICLE.



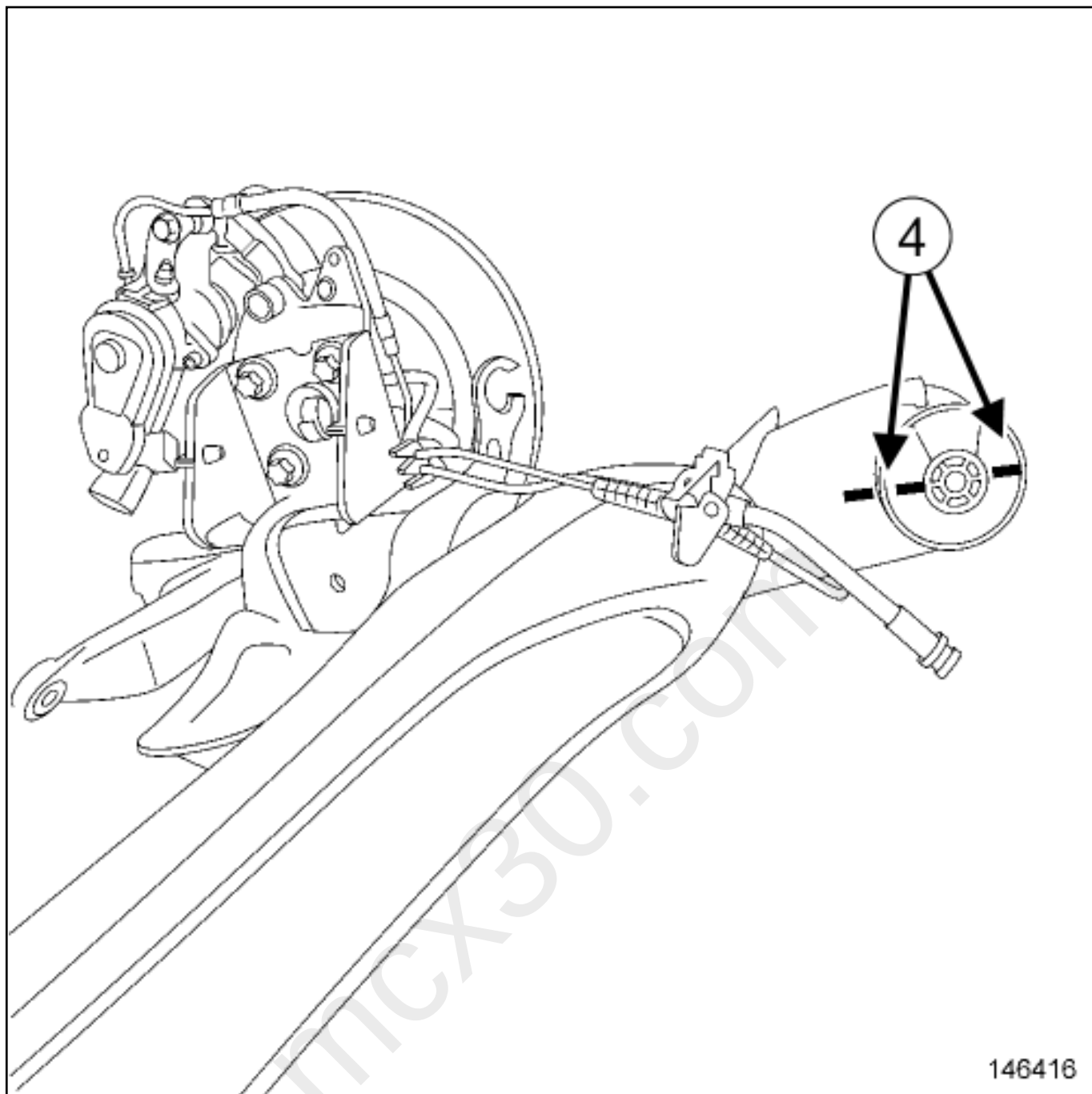
Risks of serious burns or electric shocks that may prove fatal.

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](#) .

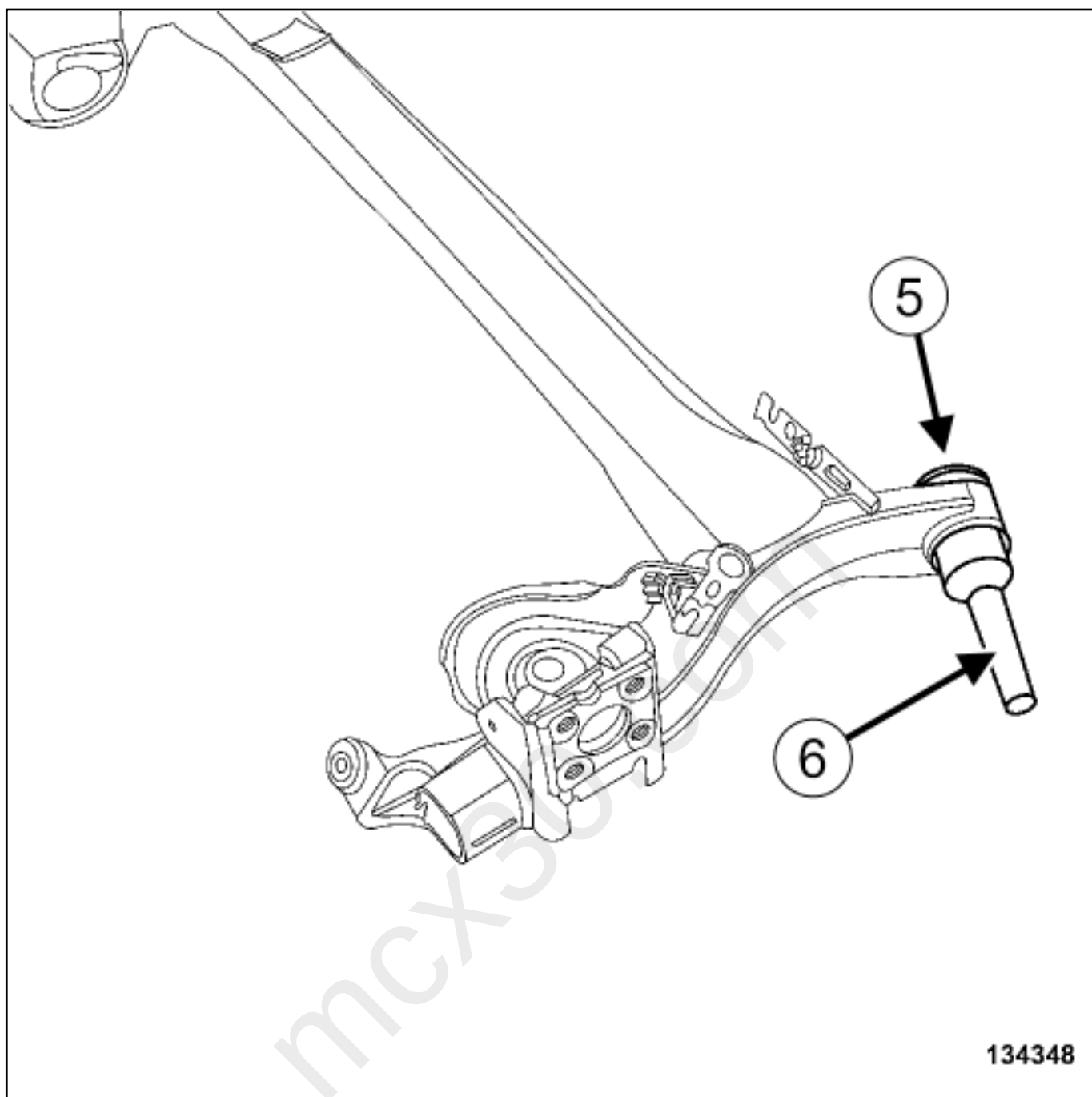
- ❑ Remove the lockout of the vehicle [Vehicle: Lockout - Removal of lockout](#) .
- ❑ Remove the traction battery assembly [Traction battery assembly: Exploded view](#) .
- ❑ Remove the rear wheels [Wheel: Removal - Refitting](#) .
- ❑ Remove the rear wheel arch liners.
- ❑ Fit a component jack under the rear axle.
- ❑ Remove the rear axle bolts ([see 33A, Rear axle components, Rear axle assembly: Exploded view](#)) .
- ❑ Lower the rear axle approximately 20 cm.

2. REMOVAL OPERATION



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- Make a mark(4) on the rear axle for positioning the rubber bearing.

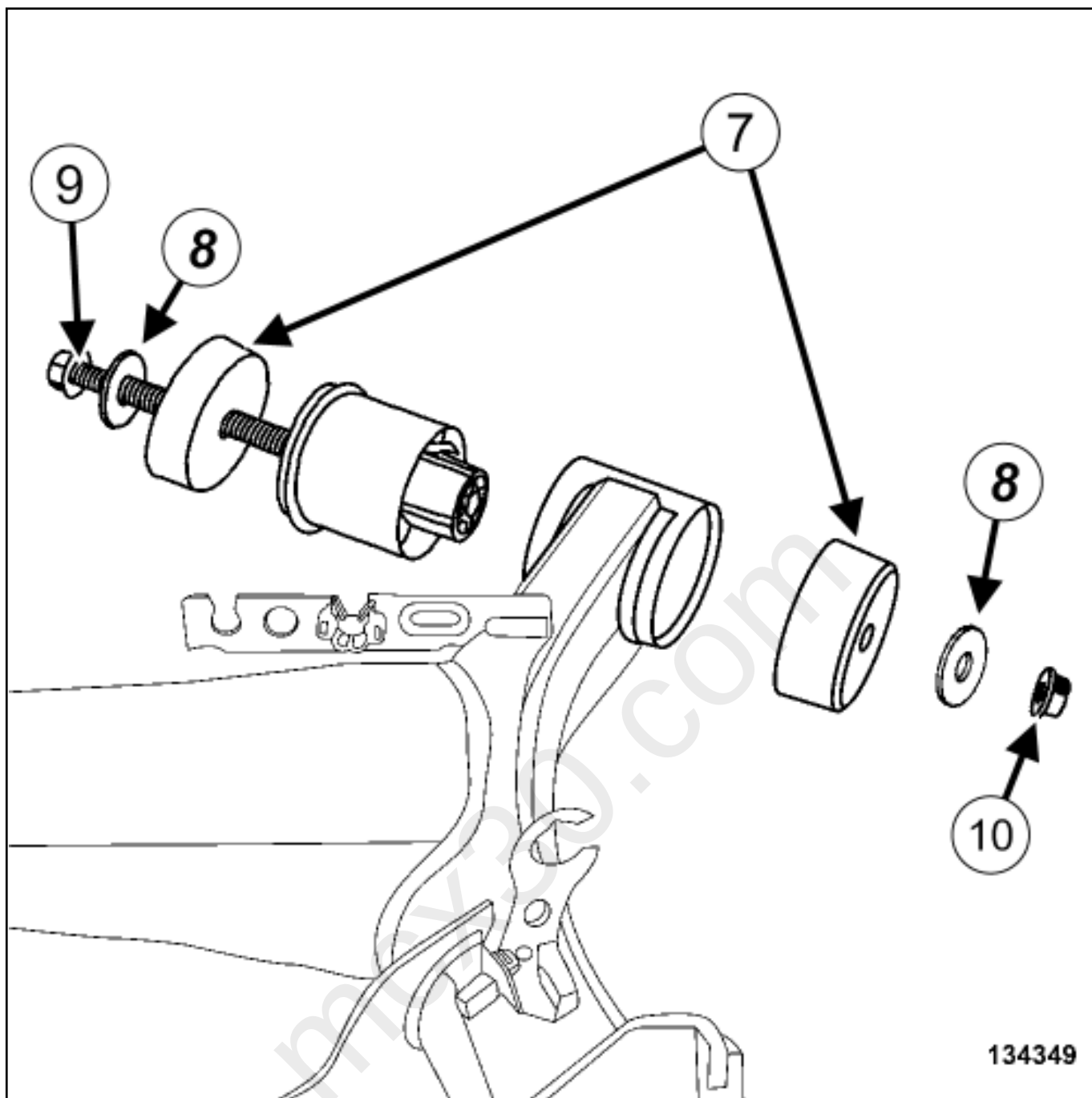


- Remove the rubber bushes(5) by hitting them with a hammer and the bush castor of the toolTool for removing and refitting rear axle rubber bushes(Tar. 1838) (6) .

REFITTING

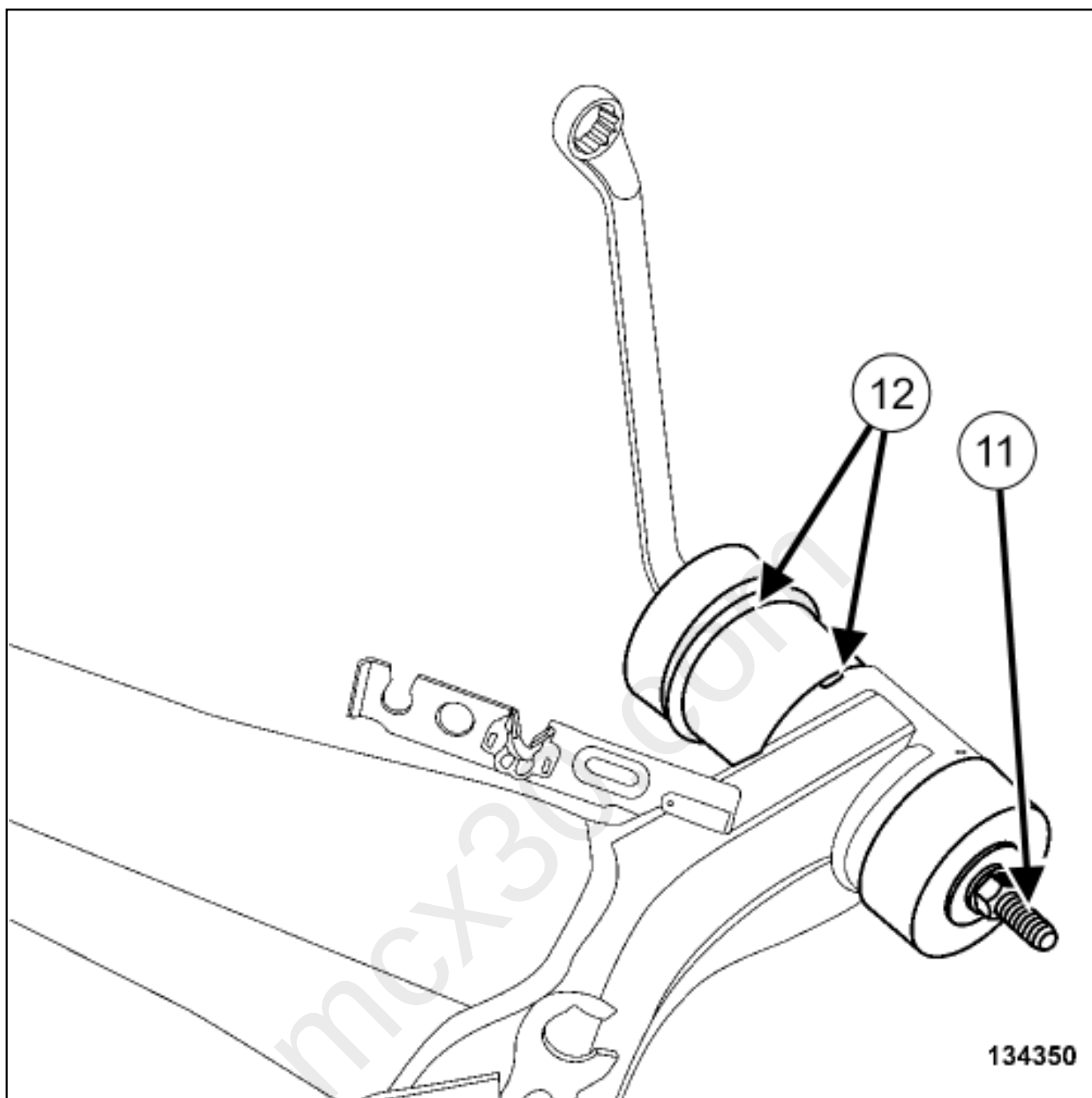
1. REFITTING OPERATION

- Position the rubber bush so as to align the paint marks of the new rubber bush and the mark made previously on the rear axle.



Fit:

- the covers of the toolTool for removing and refitting rear axle rubber bushes(Tar. 1838) (7) ,
- the threaded rod of the toolTool for removing and refitting rear axle rubber bushes(Tar. 1838) (9) ,
- the washer of the toolTool for removing and refitting rear axle rubber bushes(Tar. 1838) (8) ,
- the nut of the toolTool for removing and refitting rear axle rubber bushes(Tar. 1838) (10) .



- Tighten the rod (11) of the toolTool for removing and refitting rear axle rubber bushes(Tar. 1838) until the cover comes into contact with the rear axle.
- Check that the marks are still aligned at(12) .
- Torque tighten the cover nut16 N.m.
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Remove the toolTool for removing and refitting rear axle rubber bushes(Tar. 1838) .

2. FINAL OPERATION



Proceed in the reverse order to removal.



Lockout the vehicle [Vehicle: Lockout - Removal of lockout](#) .



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