

INPUT SHAFT LIP SEAL : REMOVAL - REFITTING



Note, one or more warnings are present in this procedure



Special tooling required

Inertia seal extractor

Bvi. 1948

Tool for fitting the primary shaft seal.

Bvi. 2088



parts always to be replaced:



Input shaft lip seal



WARNING

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

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



CAUTION

To prevent contamination of disconnected connectors and sockets, hermetically seal the connectors and sockets using a plastic bag and a securing clip. For traction battery sockets, use traction battery caps [Vehicle: Parts and consumables for the repair](#) .

Location and specifications (tightening torques, parts always to be replaced, etc.) [\(see 23C, Reduction gear, Electric traction reduction gearing assembly: Exploded view\)](#) .

REMOVAL

1. REMOVAL PREPARATION OPERATION

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

WARNING

DANGER: HIGH VOLTAGE VEHICLE.

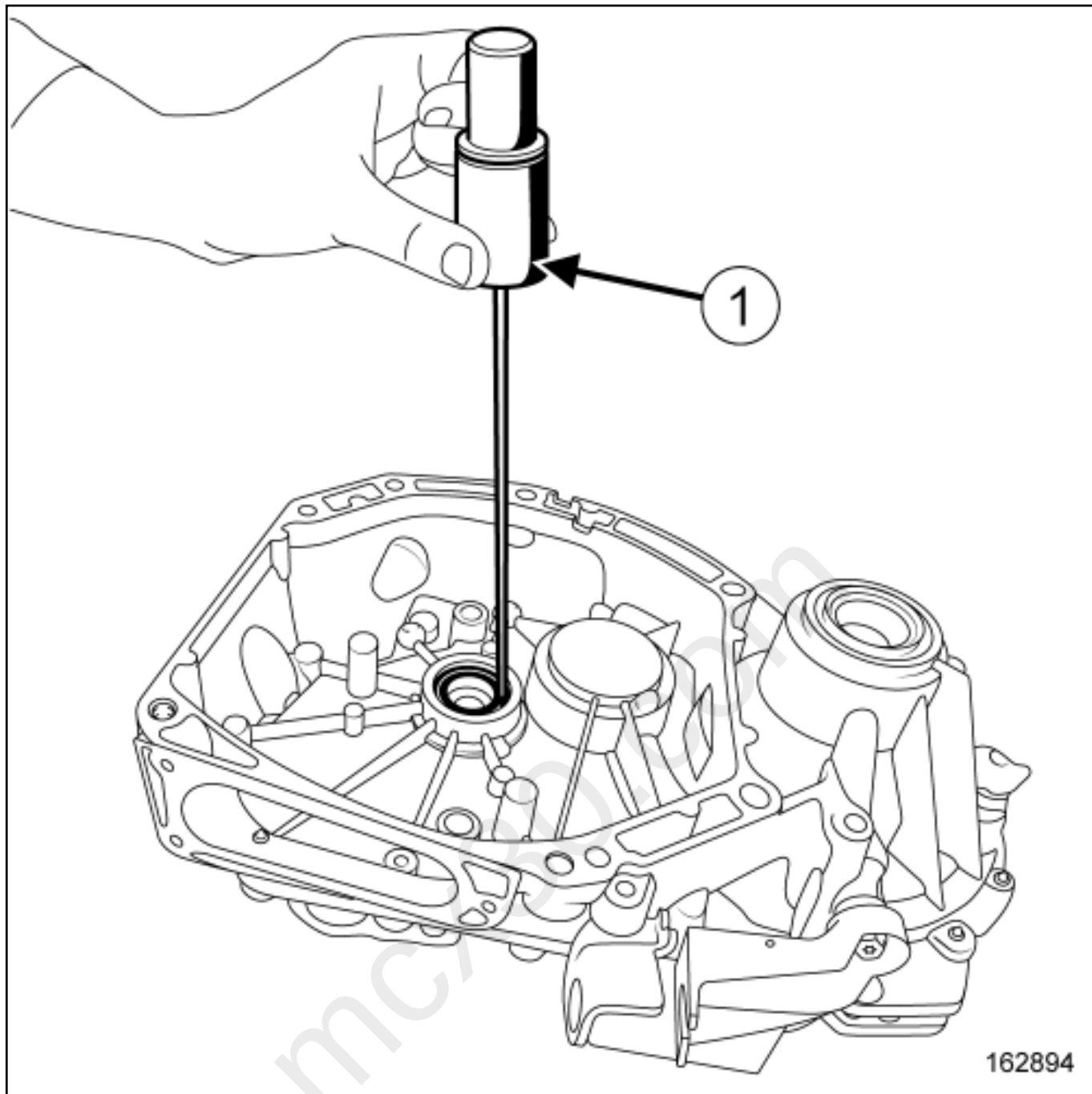


Risks of serious burns or electric shocks that may prove fatal.

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](#) .
- ❑ Remove the Electric traction reduction gearing (see [Electric traction reduction gearing: Removal - Refitting](#)) .

2. REMOVAL OPERATION



- Remove the input shaft lip seal ([see 23C, Reduction gear, Electric traction reduction gearing assembly: Exploded view](#)) using the inertia seal extractor (Bvi. 1948) (1).

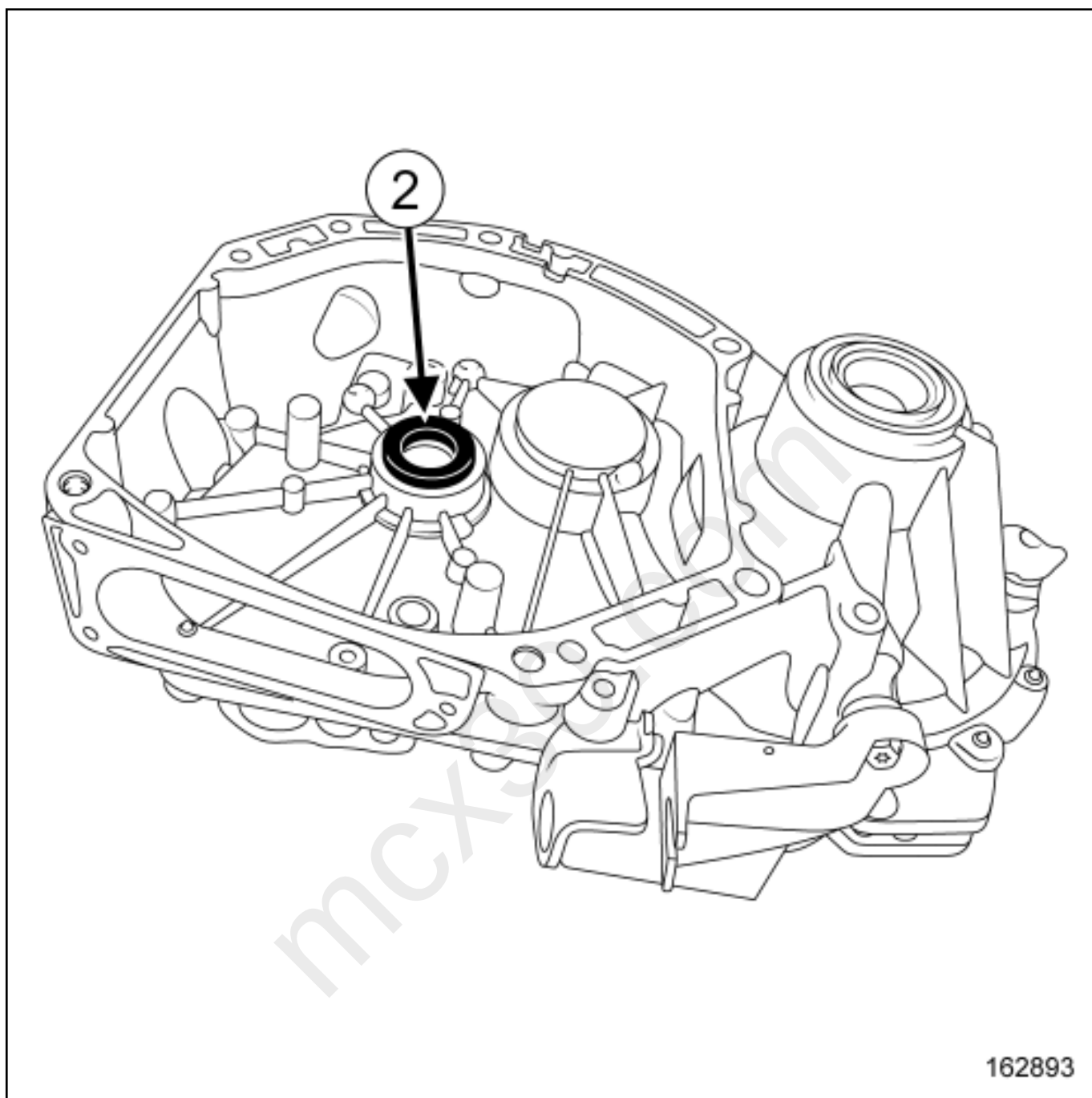
REFITTING

1. REFITTING PREPARATION OPERATION



parts always to be replaced:  [Input shaft lip seal](#) 

2. REFITTING OPERATION



■ Position the new input shaft lip seal(2) ([see 23C, Reduction gear, Electric traction reduction gearing assembly: Exploded view](#)) .

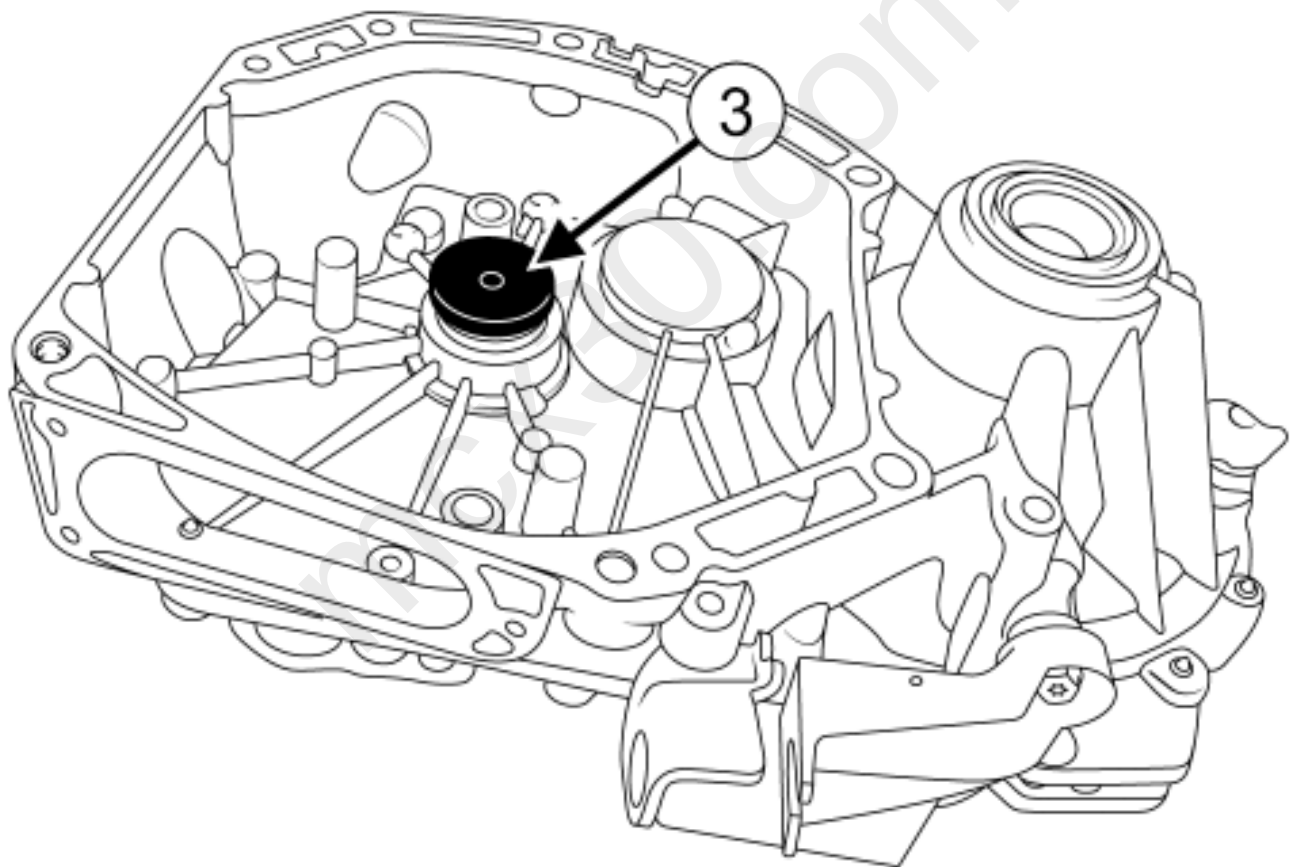
CAUTION



Position of the seal with the felt facing the operator.

Be careful not to deteriorate the felt.

Not stain the felt with oil.



162892

Refit the new input shaft lip seal using the toolTool for fitting the primary shaft seal.(Bvi. 2088) (3) .

3. FINAL OPERATION



Proceed in the reverse order to removal.



Repair-14x01x05x13-01x37-1-2-1.xml



XSL version : 3.02 du 22/07/11

mcx30.com