

AXIAL BALL JOINT LINKAGE: REMOVAL - REFITTING



Note, one or more warnings are present in this procedure



Special tooling required

Tool for removal - refitting of the axial ball joint (diameter 35 mm to 41 mm).

Dir. 1305-01

Steering rack locking tool.

Dir. 1306-02

WARNING



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

- [\(see 36A, Steering assembly, Steering: Precautions for the repair\)](#) ,
- [Vehicle: Precautions for the repair](#) .

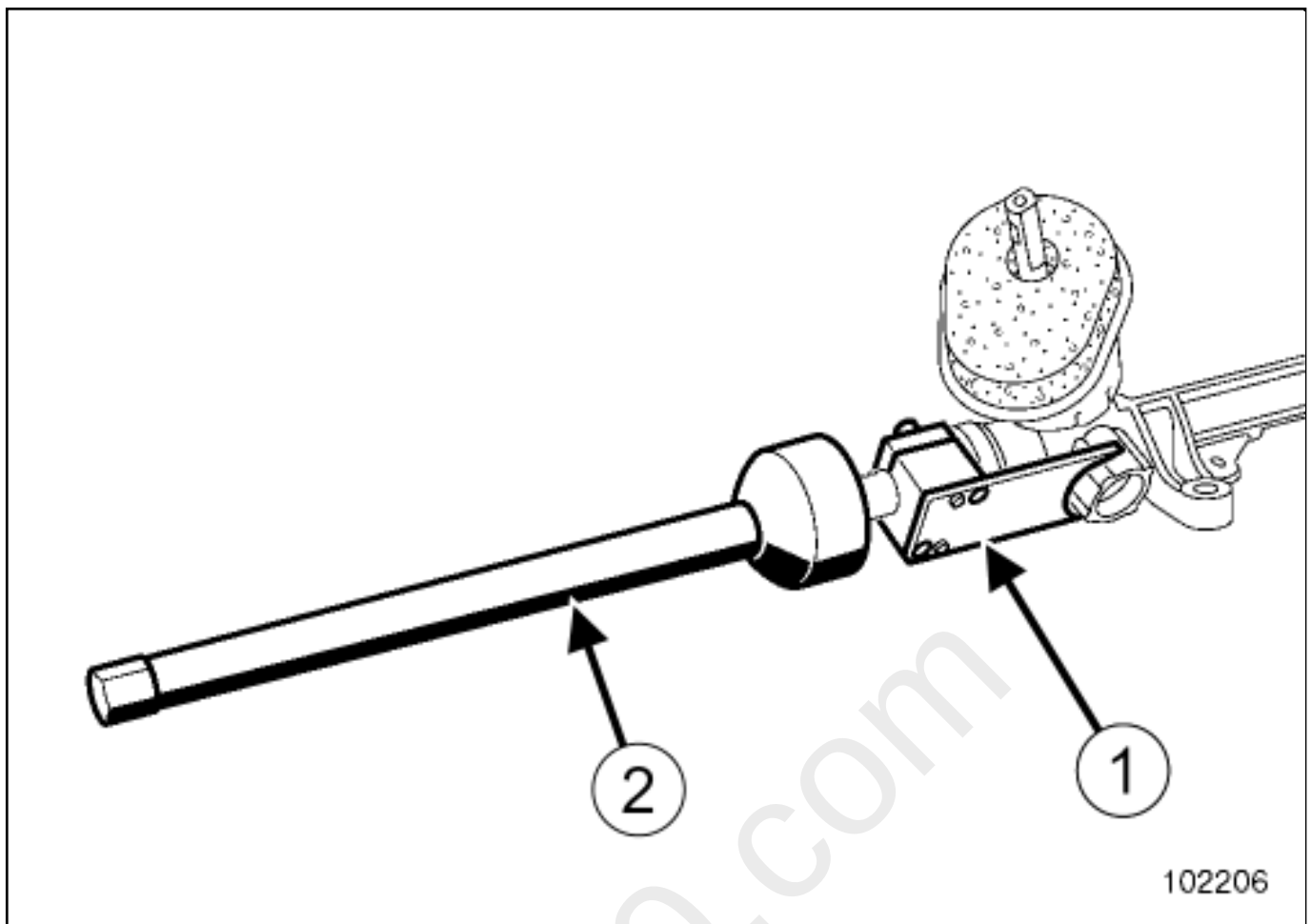
Location and specifications (tightening torques, parts always to be replaced) [\(see 36A, Steering assembly, Steering assembly: Exploded view\)](#) .

REMOVAL

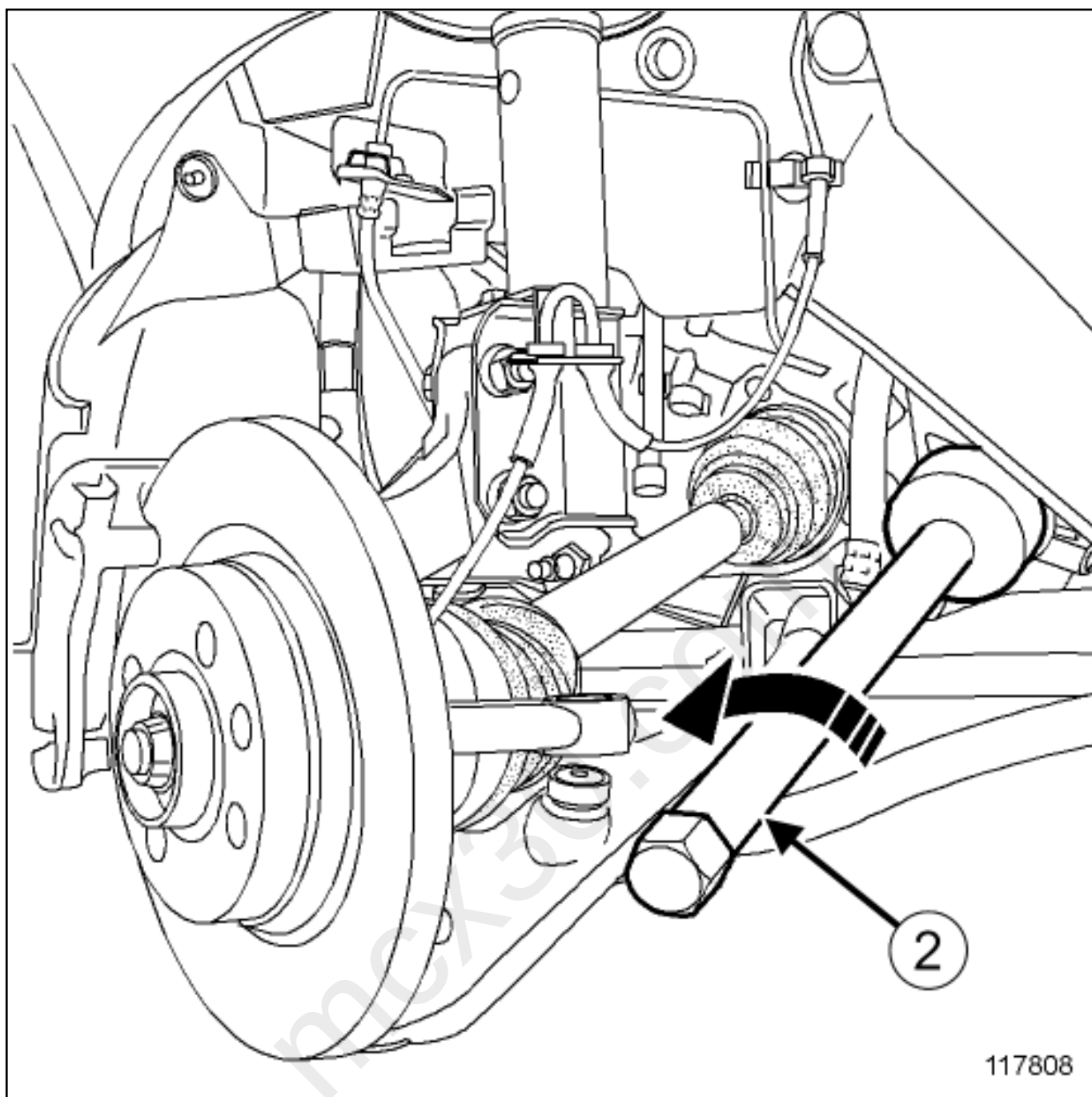
1. REMOVAL OPERATION PREPARATION

- Position the vehicle on a two post lift [Vehicle: Towing and lifting](#) .
- Remove:
 - the front wheel [Front hub carrier assembly: Exploded view](#) ,
 - the track rod [\(see 36A, Steering assembly, Steering assembly: Exploded view\)](#) ,
 - the steering box gaiter [\(see 36A, Steering assembly, Steering assembly: Exploded view\)](#) .
- Unlock the steering column.

2. REMOVAL OPERATION



- Set up the Steering rack locking tool. (Dir. 1306-02) (1) on the steering rack, at the pinion end.



■ Unlock the axial ball joint using the tool Tool for removal - refitting of the axial ball joint (diameter 35 mm to 41 mm). (Dir. 1305-01) .

■ Remove the axial ball joint linkage.

REFITTING

■ Proceed in the reverse ordre to removal.

■ Coat the threading of the axial ball joint with HIGH STRENGTH THREAD LOCK(see **Vehicle: Parts and consumables for the repair**) .

■ Coat the following with SILICONE GREASE(see **Vehicle: Parts and consumables for the repair**) :

- the steering box,
- the axial ball joint.

■ Check the front axle geometry values[Front axle assembly: Adjustment values](#) .

■ Adjust the front axle if necessary[Front axle system: Adjustment](#) .



Repair-13x04x02x01-01x37-1-32-1.xml



XSL version : 3.02 du 22/07/11

mcx30.com