

Check the axle geometry [Axle assemblies: Check](#) .

If necessary, adjust the geometry of the axle assemblies [Front axle system: Adjustment](#) .



Repair-13x04-01x58-1-1-1.xml



XSL version : 3.02 du 22/07/11

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STEERING ASSEMBLY :CHECK

Equipment required

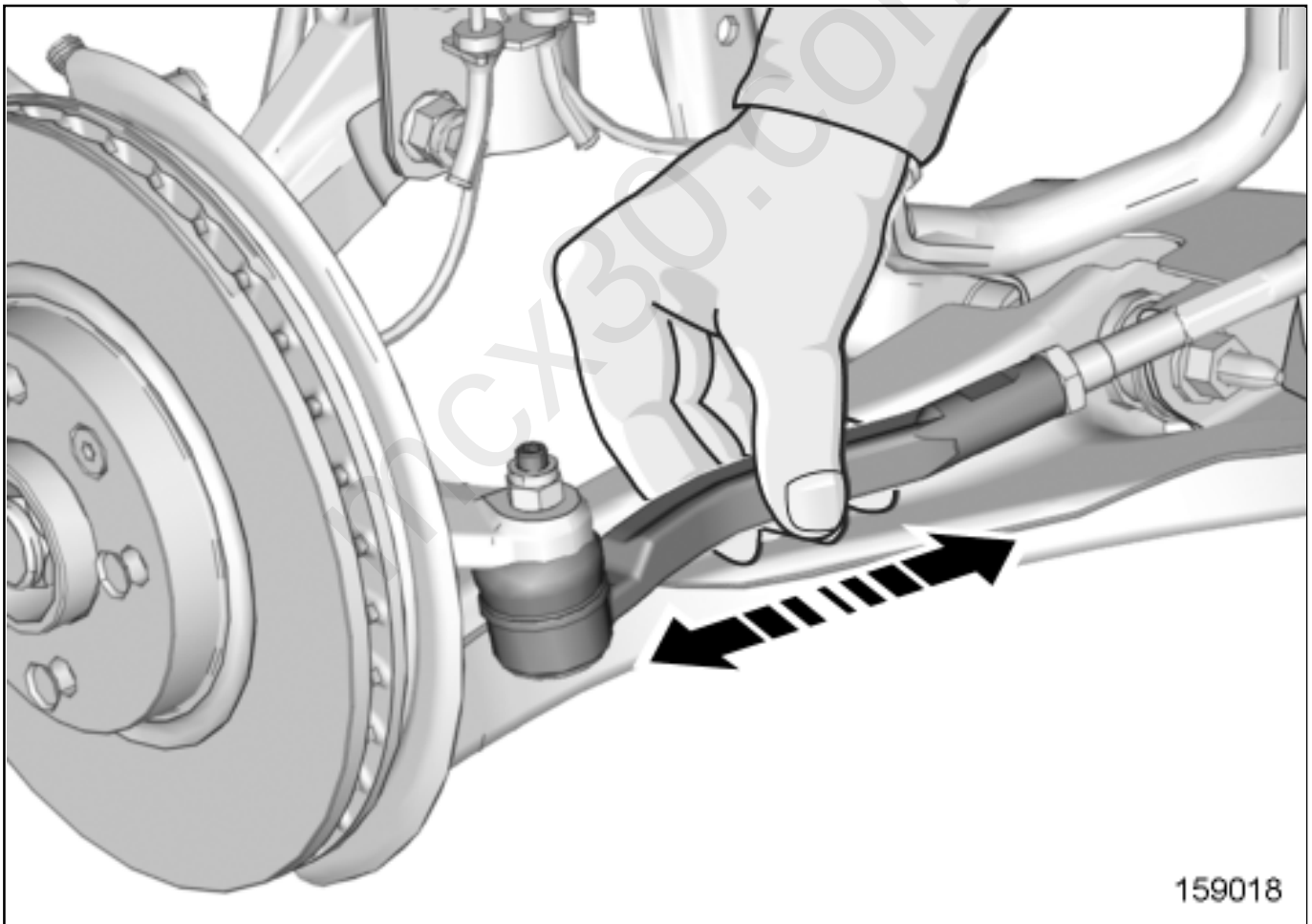
flywheel immobiliser



Note:

This steps are made two sides of the vehicle.

1. STEP NO.1



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■ Center the steering wheel and fit the flywheel immobiliser.

■ Remove the wheel.

 Control the clearance of the steering by exerting, on the track rod, translational movements at a high frequency in the direction of the arrow.



If a clearance is detected:



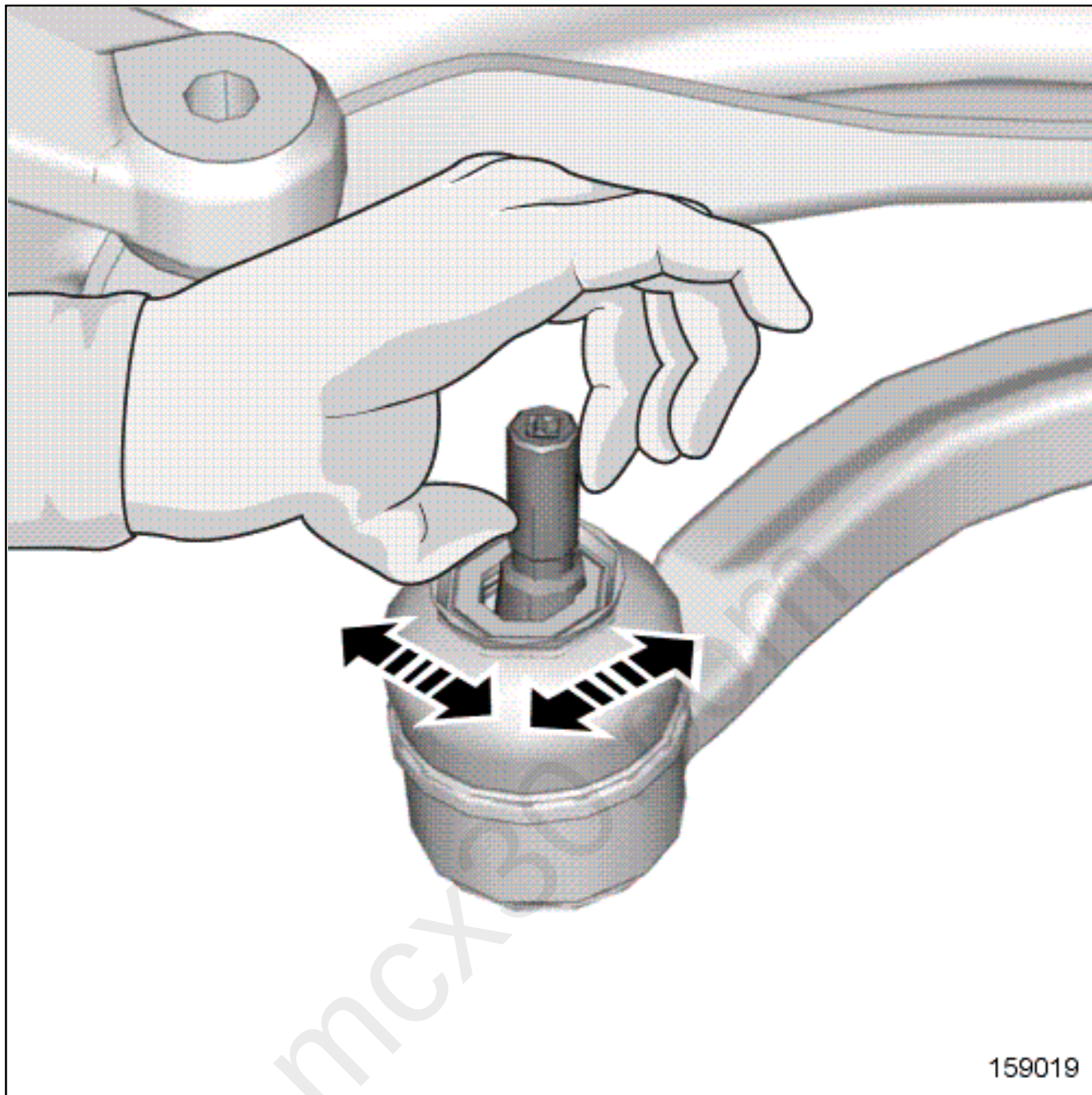
remove the track rod nut,



remove the gaiter clips,

move the track rod gaiter to access at the axial ball joint.

2. STEP NO.2

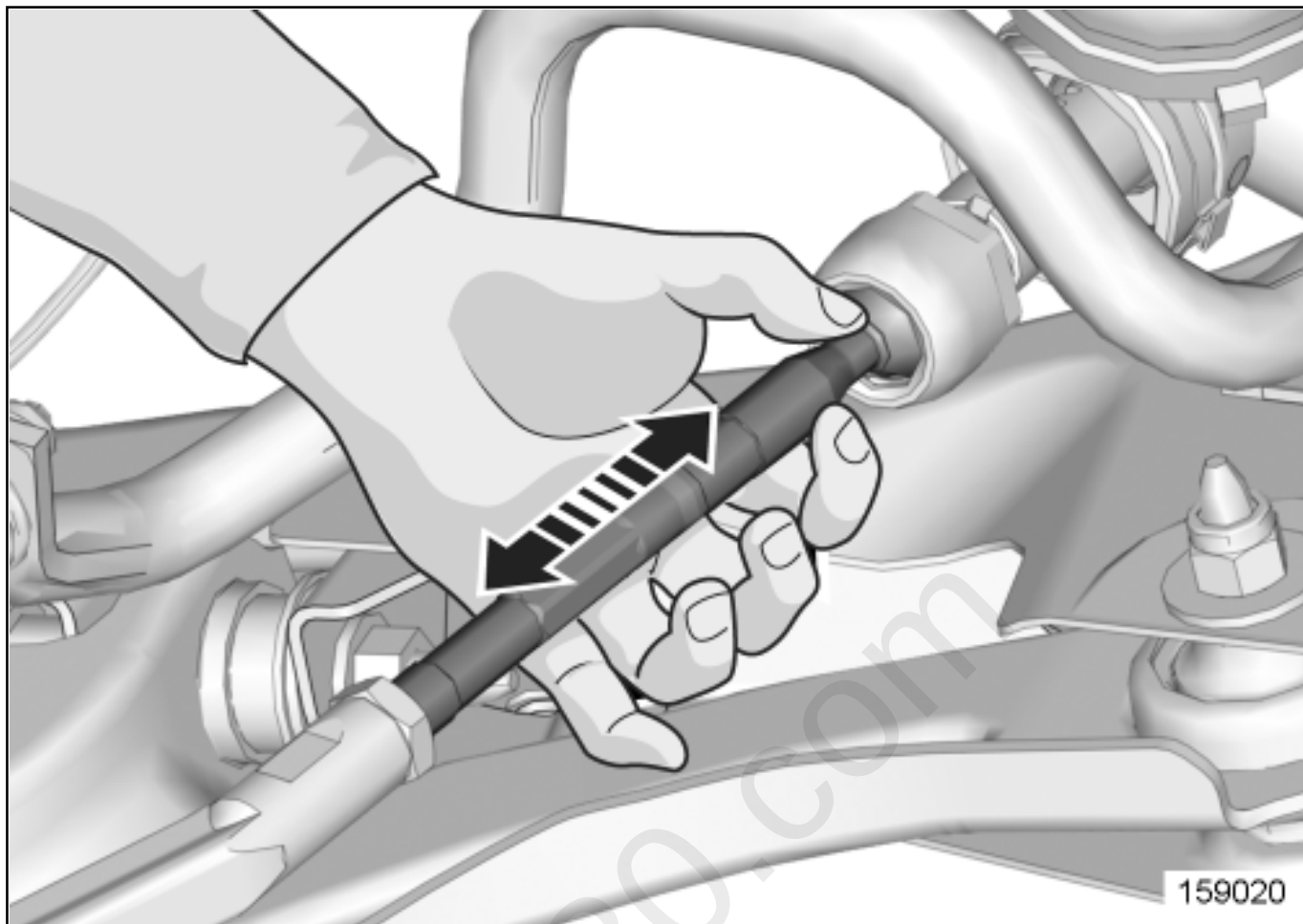


Pinch the ball joint.

Carry out movements in translation along the direction of arrows.

If a clearance in the ball joint is detected, remove the track rod([see 36A, Steering assembly , Track rod: Removal - Refitting](#)) .

3. STEP NO.3



Check the clearance of the axial ball joint:

- - fit the thumb in contact with the ball joint,
 - tighten the rod in the hand,
 -
- carry out movements in translation along the direction of arrows.

If no clearance is detected:

- - refit the gaiter,
 -
- refit new clips.

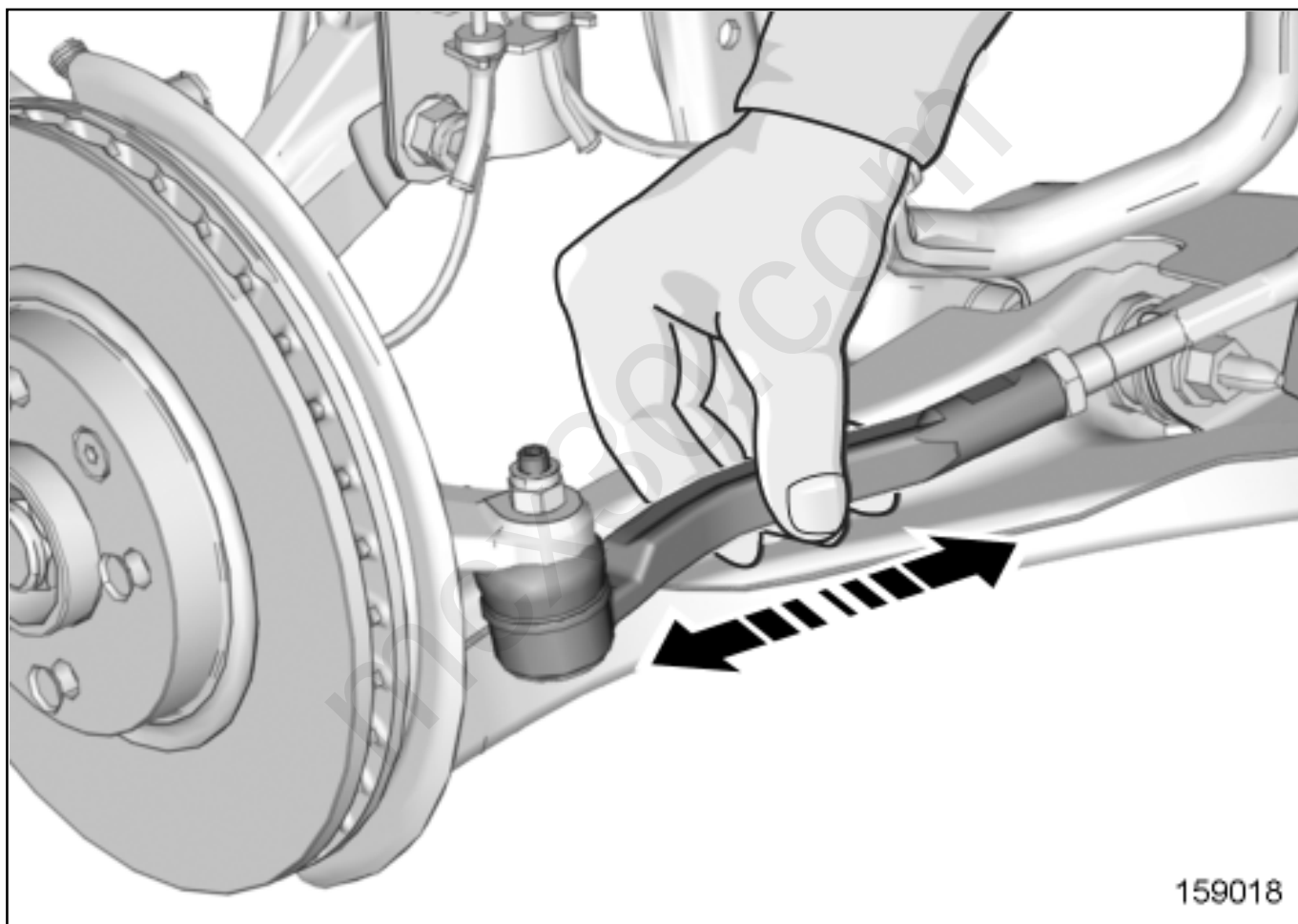
If a clearance in the ball joint are detected:

- replace the track rod axial ball joint [Axial ball joint linkage: Removal - Refitting](#) ,

- tighten the wheel alignment adjusting lock nut,

- tighten the track rod nut.

4. STEP NO.4



- Control the clearance of the steering by exerting, on the track rod, translational movements at a high frequency in the direction of the arrow.

- If a clearance are detected and that the track rod are not replace, replace the track rod.