

b) if the blanking covers and grommets of the bulkhead are deformed or cracked, replace the blanking covers and grommets of the bulkhead.

Check the sealing of the blanking covers and grommets of the bulkhead([see 60A, General information, Front section of the vehicle: Sealing check](#)) .



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XSL version : 3.02 du 22/07/11

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FRONT SHOCK ABSORBER AND SPRING: REMOVAL - REFITTING



Note, one or more warnings are present in this procedure



Special tooling required	
Tool for removing the front shock absorber	Sus. 1925

Equipment required	
spring compressor	
indelible pencil	

WARNING



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



[\(see 31A, Front axle components, Front axle components: Precautions for the repair\)](#) ,



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

Location and specifications (tightening torques, parts always replaced, etc.)[\(see 31A, Front axle components, Front axle assembly: Exploded view\)](#) .

REMOVAL

1. REMOVAL PREPARATION OPERATION



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



Remove:



the windscreen wiper arms [Wiping and washing: List and location of components](#) ,



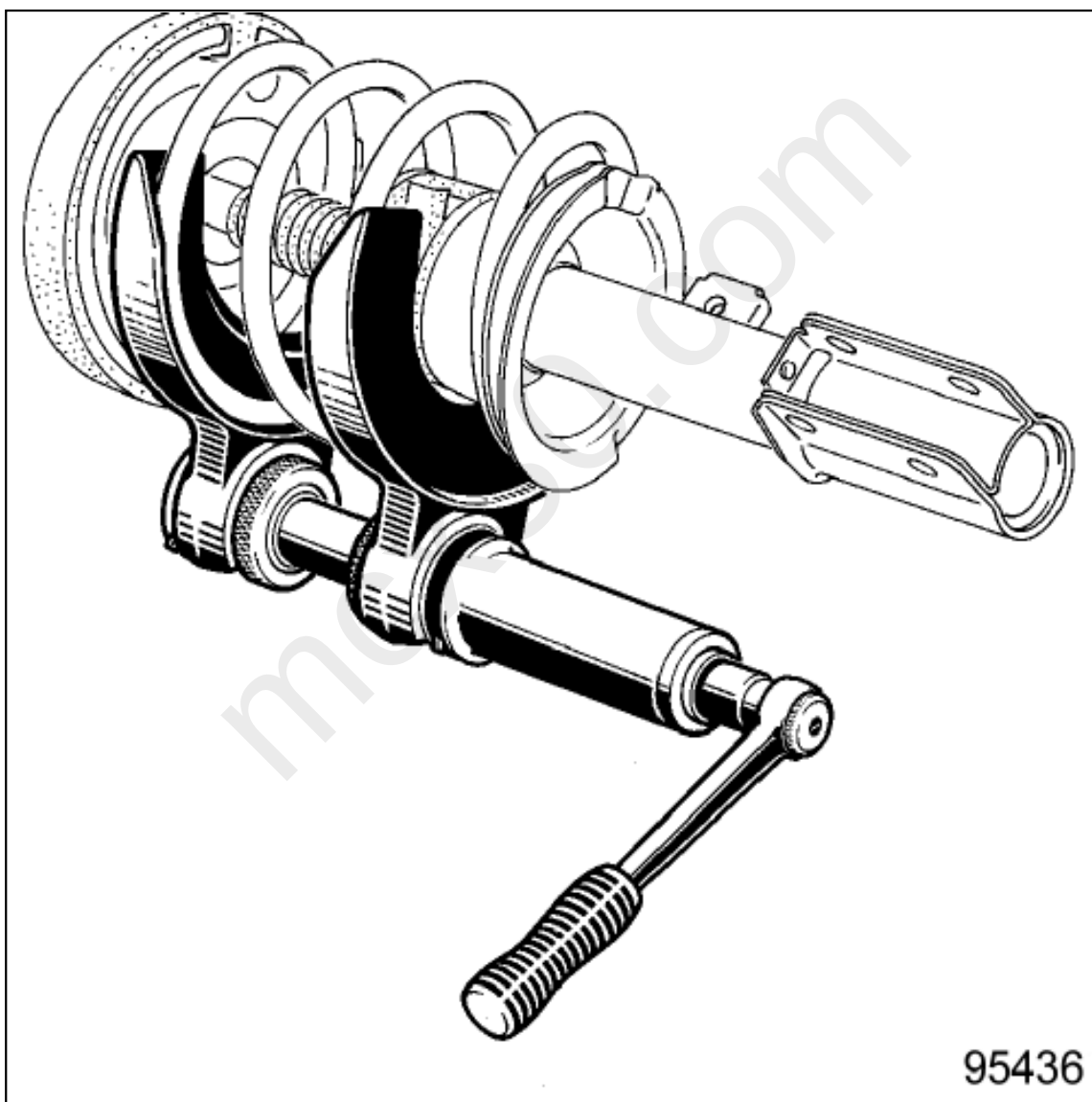
the scuttle panel grille [Scuttle panel grille: Removal - Refitting](#) ,

the front wheel [\(see 31A, Front axle components, Front hub carrier assembly: Exploded view\)](#) .

2. REMOVAL OPERATION

Remove [\(see 31A, Front axle components, Front axle assembly: Exploded view\)](#) :

- the filter block bolts on the body,
- the "spring - shock absorber" assembly.

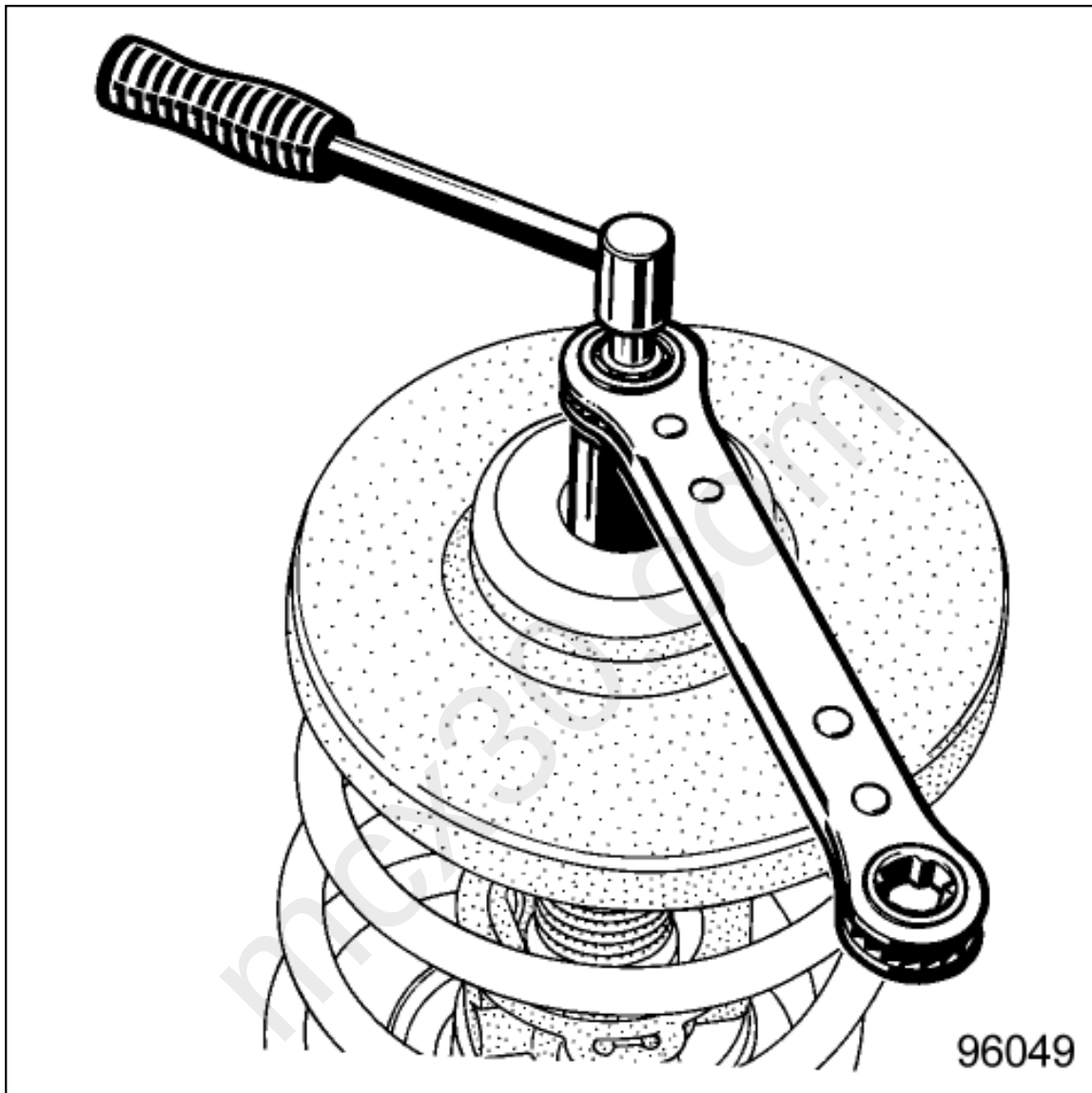


Position the appropriate cups on the spring compressor.

Position the spring compressor on the spring.

Put the "spring compressor - spring" assembly in a vice equipped with jaws.

Compress the spring using the spring compressor until the spring detaches.

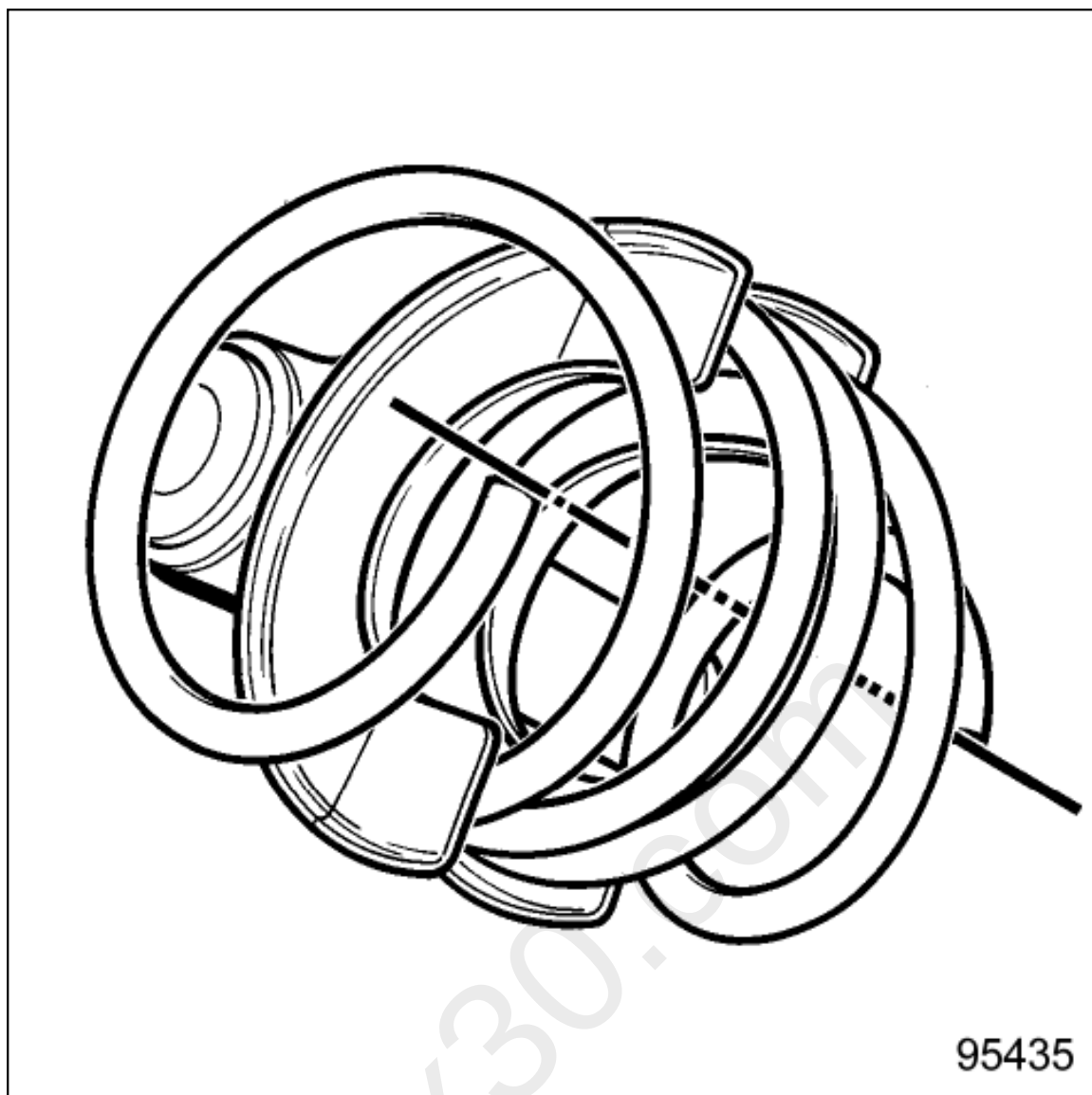


Remove the shock absorber rod nut using the spanner for shock absorber rod nut.

Separate the various components which make up the "spring - shock absorber" assembly.

REFITTING

1. REFITTING PREPARATION OPERATION

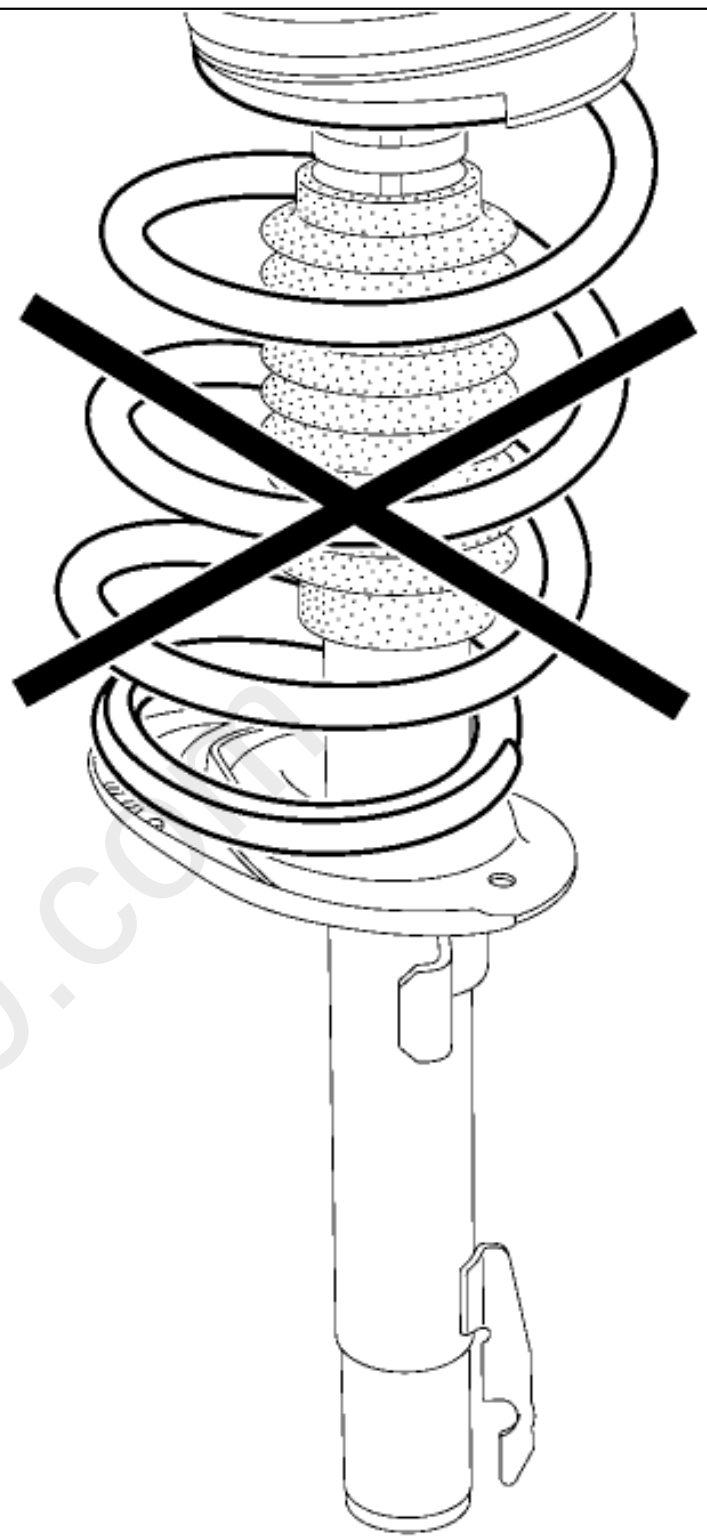
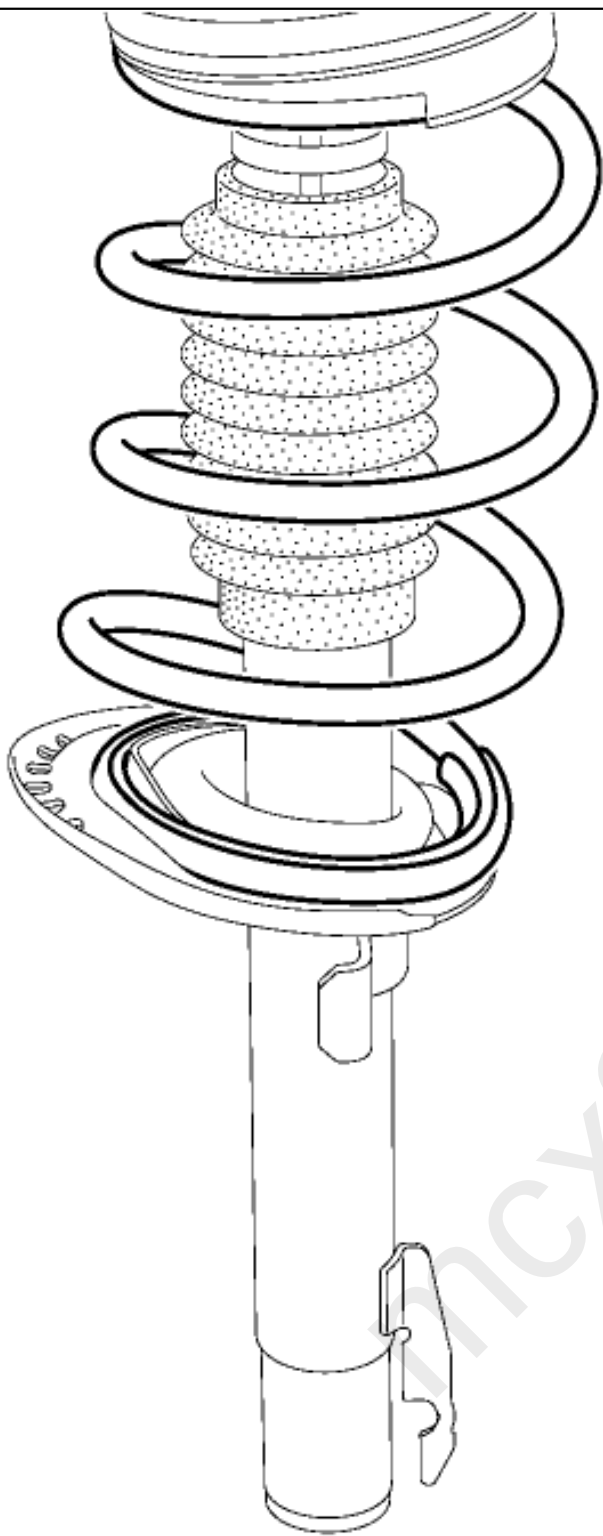


If necessary, replace any faulty filter unit components([see 31A, Front axle components, Front axle assembly: Exploded view](#)) .

2. REFITTING OPERATION

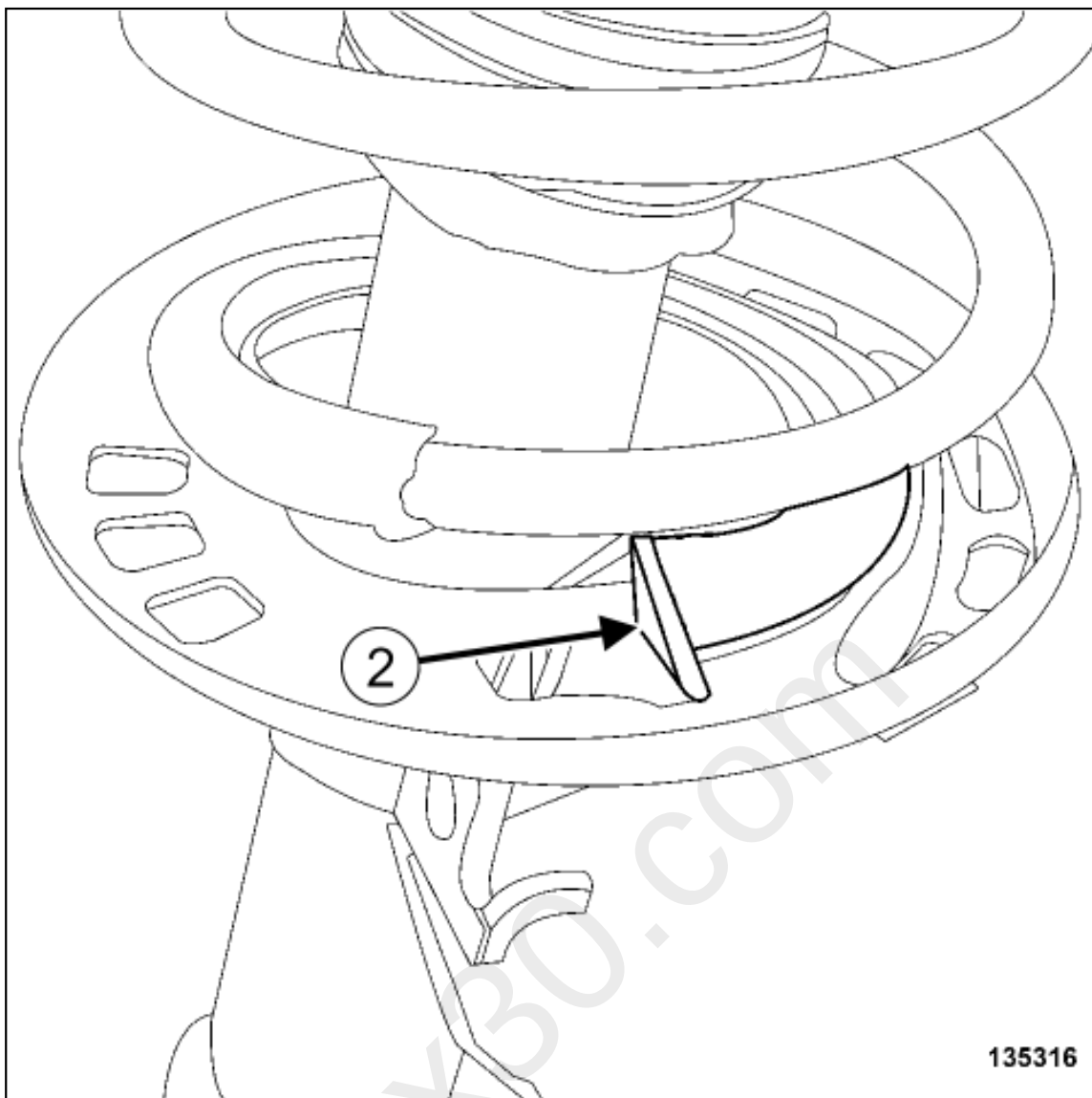
Place the spring compressor in a vice equipped with jaws.

Compress the spring.



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Insert the spring in the neck of the cup.



Check that the spring is in contact against the stop(2) .

Respect the order and direction of fitting for the constituent parts([see 31A, Front axle components, Front axle assembly: Exploded view](#)) .

Torque tighten the new shock absorber rod nut([see 31A, Front axle components, Front axle assembly: Exploded view](#)) .

Decompress the spring.

Remove the spring compressor.

3. FINAL OPERATION