

Marks	Designations	Informations
1	Front upper cross member	
2	Front opening element interior opening control cable	
3	Front opening element lock	
4	Front opening element lock bolts	
5	Front bumper	Front bumper assembly: Exploded view
6	Front opening element stop	
7	Front opening element opening control support	
8	Front opening element opening control	
9	Front opening element release cable	
10	Front opening element stop	



Repair-50x03x28-02x50-1-1-1.xml



XSL Version : 3.02 du 22/07/11

mcx30.com

FRONT RIGHT-HAND DRIVESHAFT GAITER, GEARBOX SIDE: REMOVAL - REFITTING



Note, one or more warnings are present in this procedure



Special tooling required

Type clip pliers for driveshafts with a thermoplastic gaiter.

Tav. 1168

Pliers for the driveshaft gaiter collar.

Tav. 1784

Equipment required

parts washer

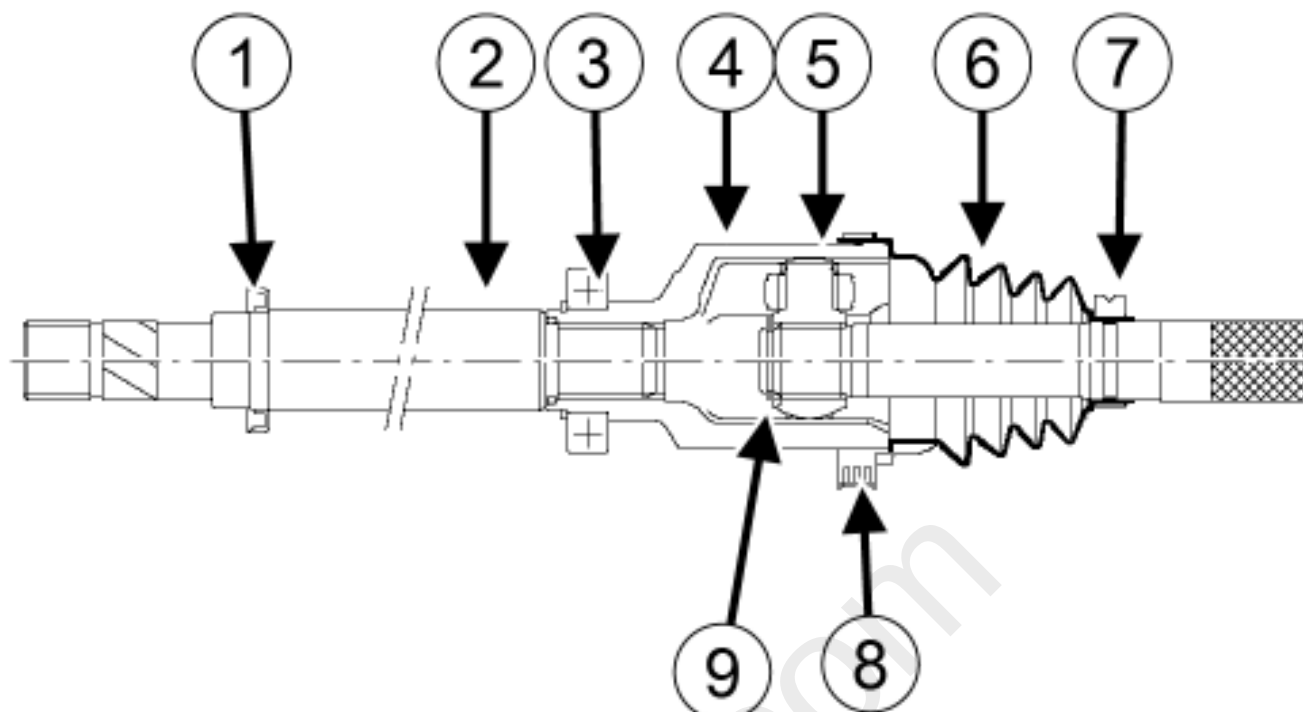


parts always to be replaced:



[Front right-hand driveshaft gaiter, gearbox side](#)

[gearbox side front driveshaft seal locking ring](#)



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- (1) Deflector
- (2) Driveshaft
- (3) Ball bearing
- (4) Driveshaft yoke sleeve
- (5) Spider
- (6) Driveshaft gaiter
- (7) Small securing clip
- (8) Big securing clip
- (9) Lock ring



WARNING

Wear leaktight gloves (Nitrile type) for this operation.

REMOVAL

1. REMOVAL PREPARATION OPERATION



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



Remove



the engine undertray bolts,



the engine undertray.



Drain the gearbox (see **Manual gearbox oils: Draining - Filling**) Or [Automatic gearbox oil: Draining - Filling](#) .



Remove:



the front right-hand wheel [Wheel: Removal - Refitting](#) ,

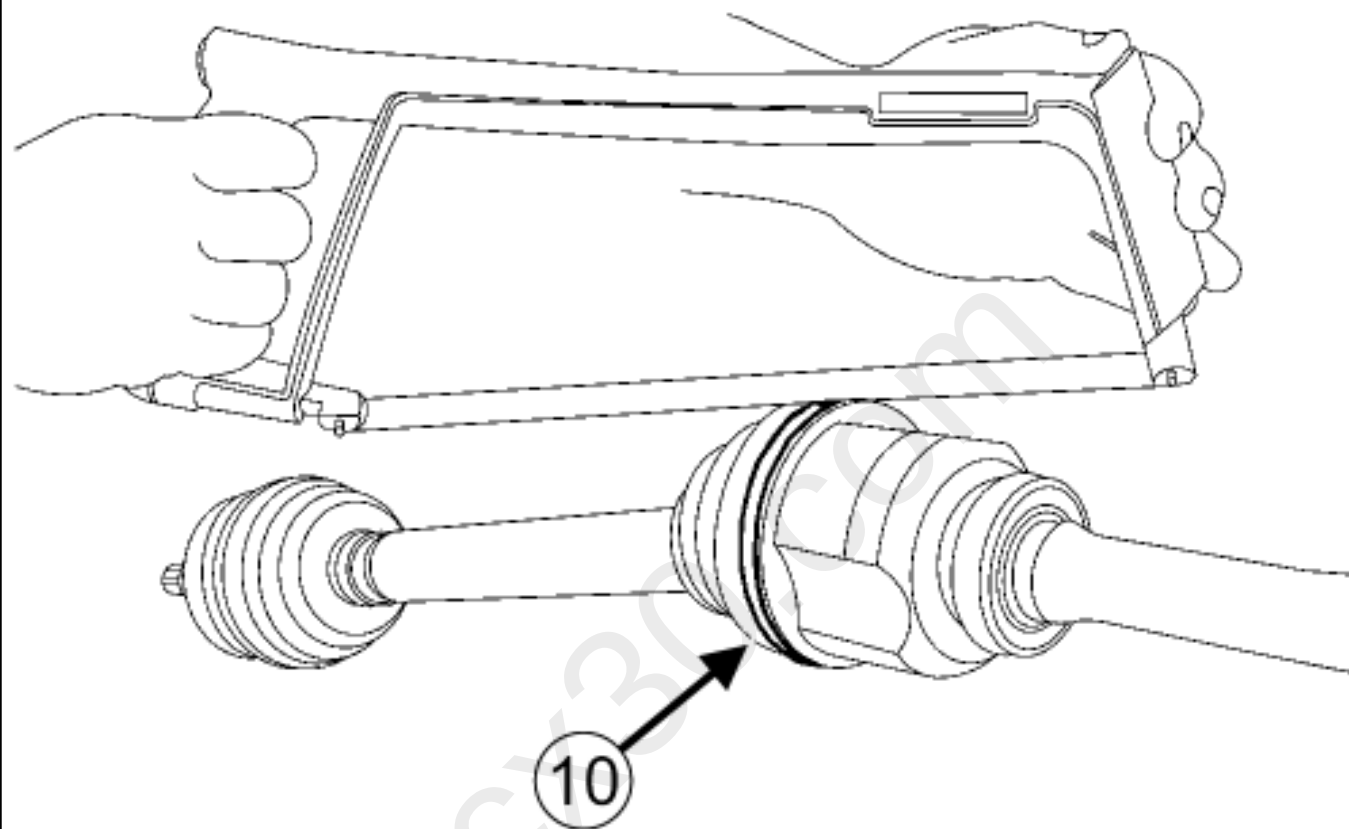


the front right-hand wheel driveshaft [\(see 29A, Driveshafts , Front right-hand driveshaft: Removal - Refitting\)](#) .

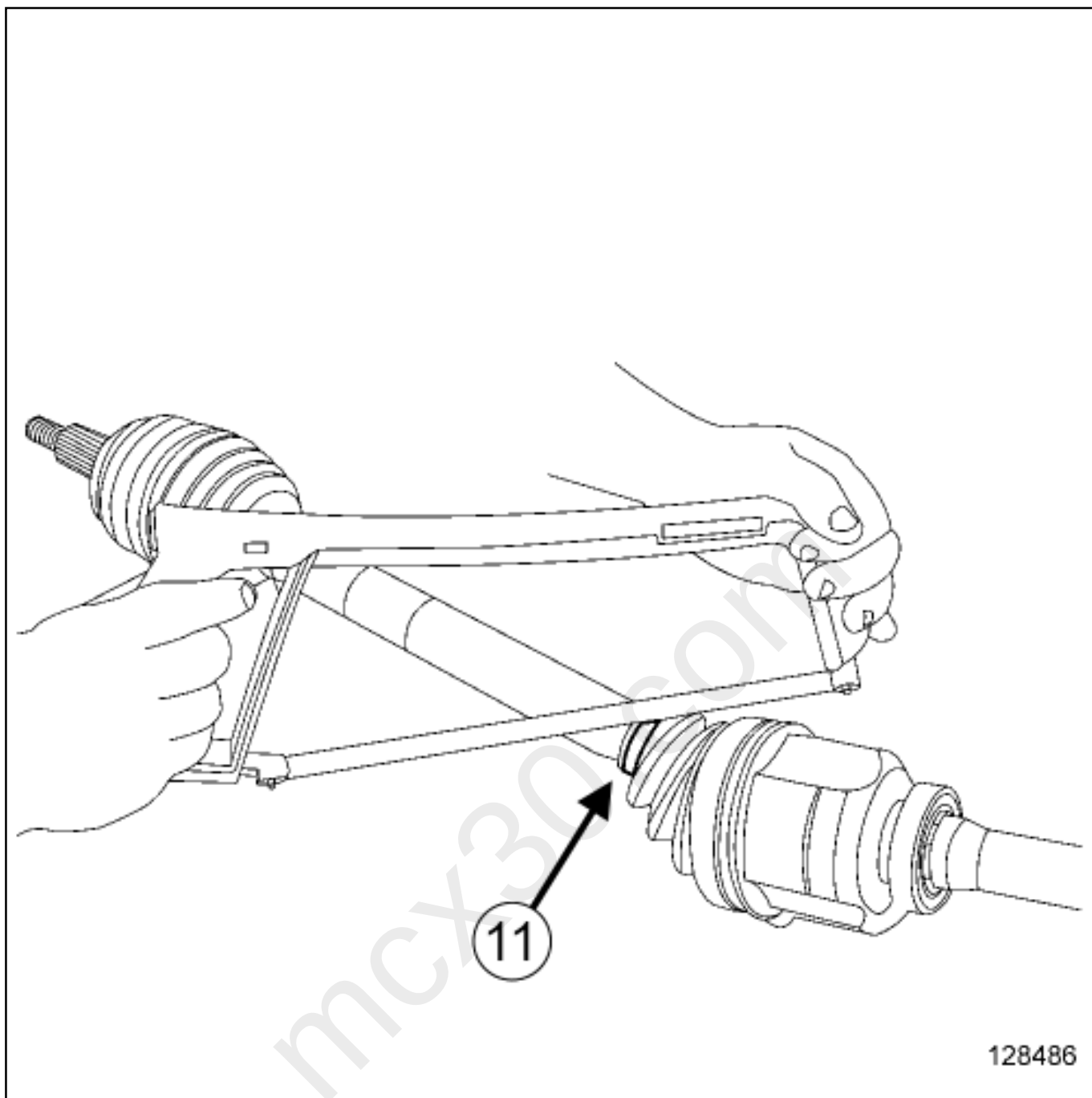


Remove the differential output seal (see **Differential output seal: Removal - Refitting**) .

2. REMOVAL OPERATION



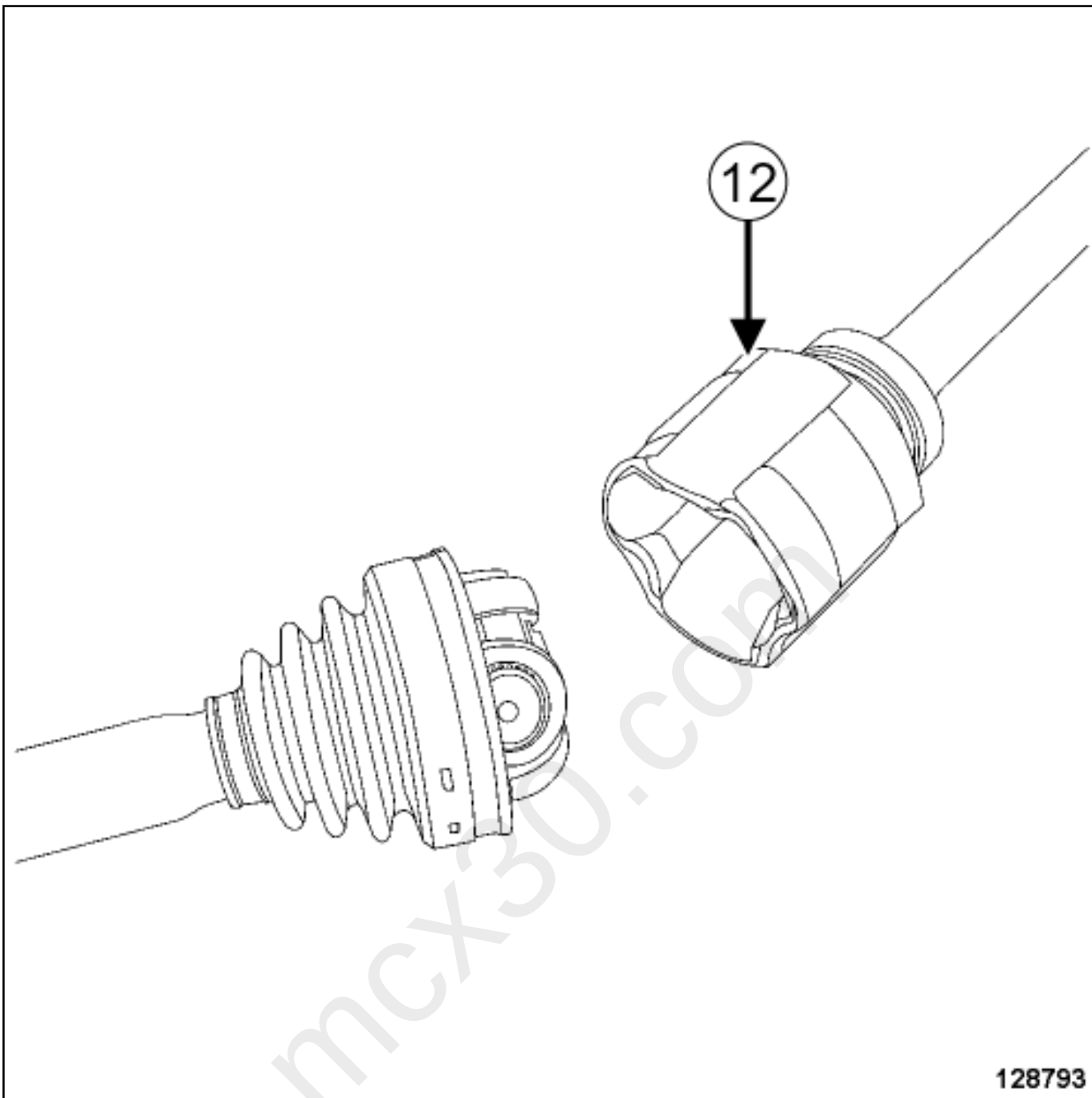
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Cut the big securing clip(10) and the small securing clip(11) using cutting pliers or a metal saw, taking care not to damage the yoke sleeve or the driveshaft.



Push back the driveshaft gaiter to release the driveshaft yoke sleeve.



Remove the driveshaft yoke sleeve(12) .



Note:



since the driveshaft yoke sleeve does not have a stop tab, it can be removed without being forced,



do not remove the rollers from their respective bushings as the rollers and needles are matched and should never be interchanged.

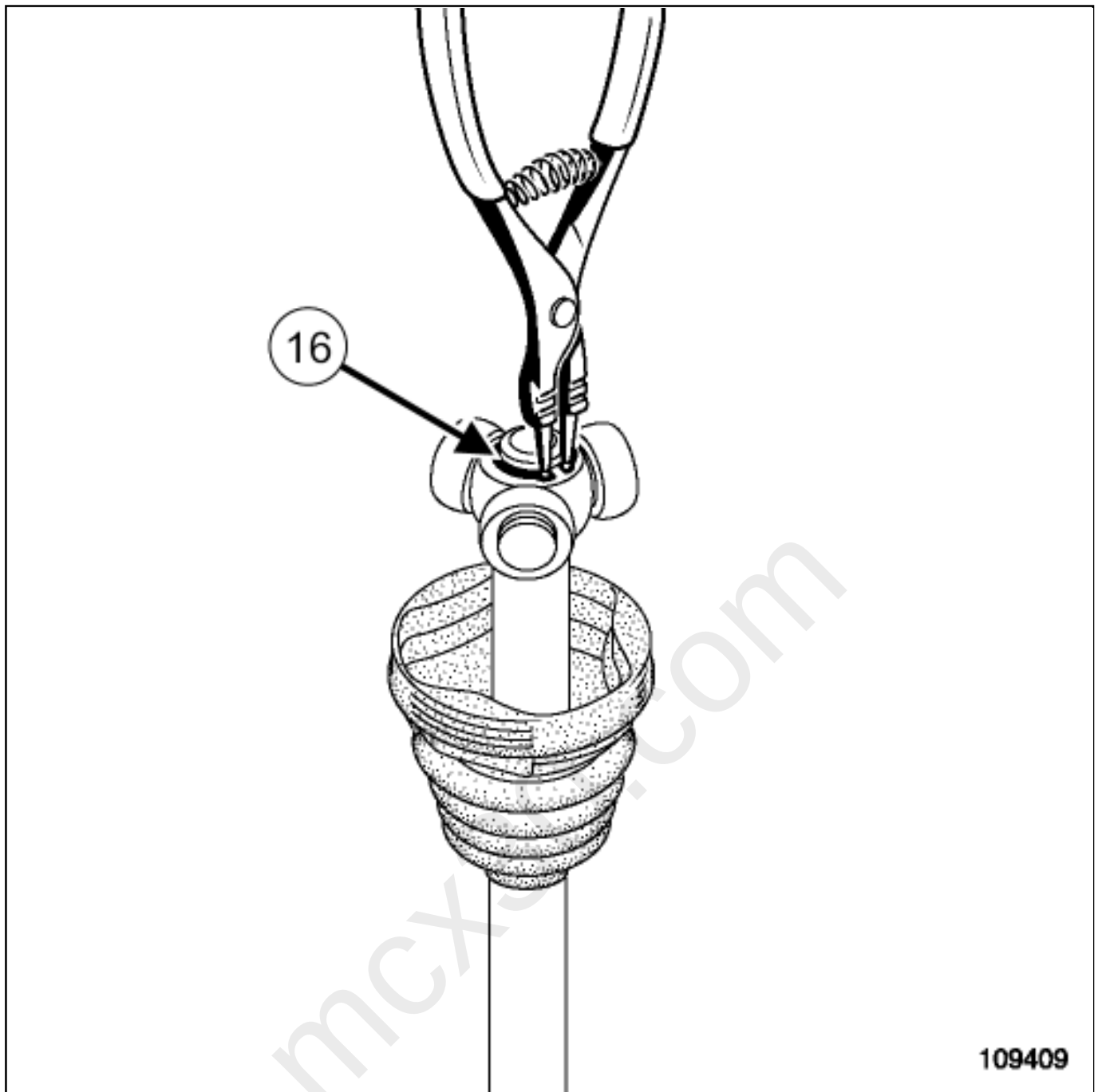


Remove as much grease as possible from inside the yoke sleeve.

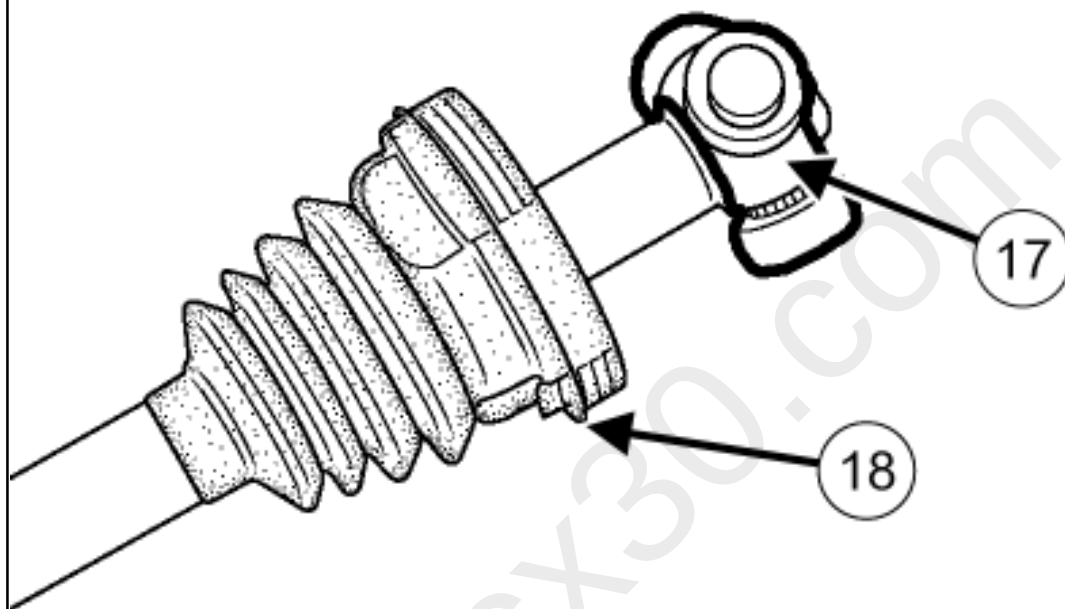


Note:

Never use thinner to remove grease.



Remove the lock ring(14) using circlip pliers.



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Note:

Mark the position of the spider before extracting it.

Remove the spider(15) using a press and a releasing type extractor.

Remove the driveshaft gaiter(16) from the driveshaft.

REFITTING

1. REFITTING PREPARATION OPERATION



parts always to be replaced:



Front right-hand driveshaft gaiter, gearbox side



parts always to be replaced:



gearbox side front driveshaft seal locking ring



Always replace:



the big securing clip,

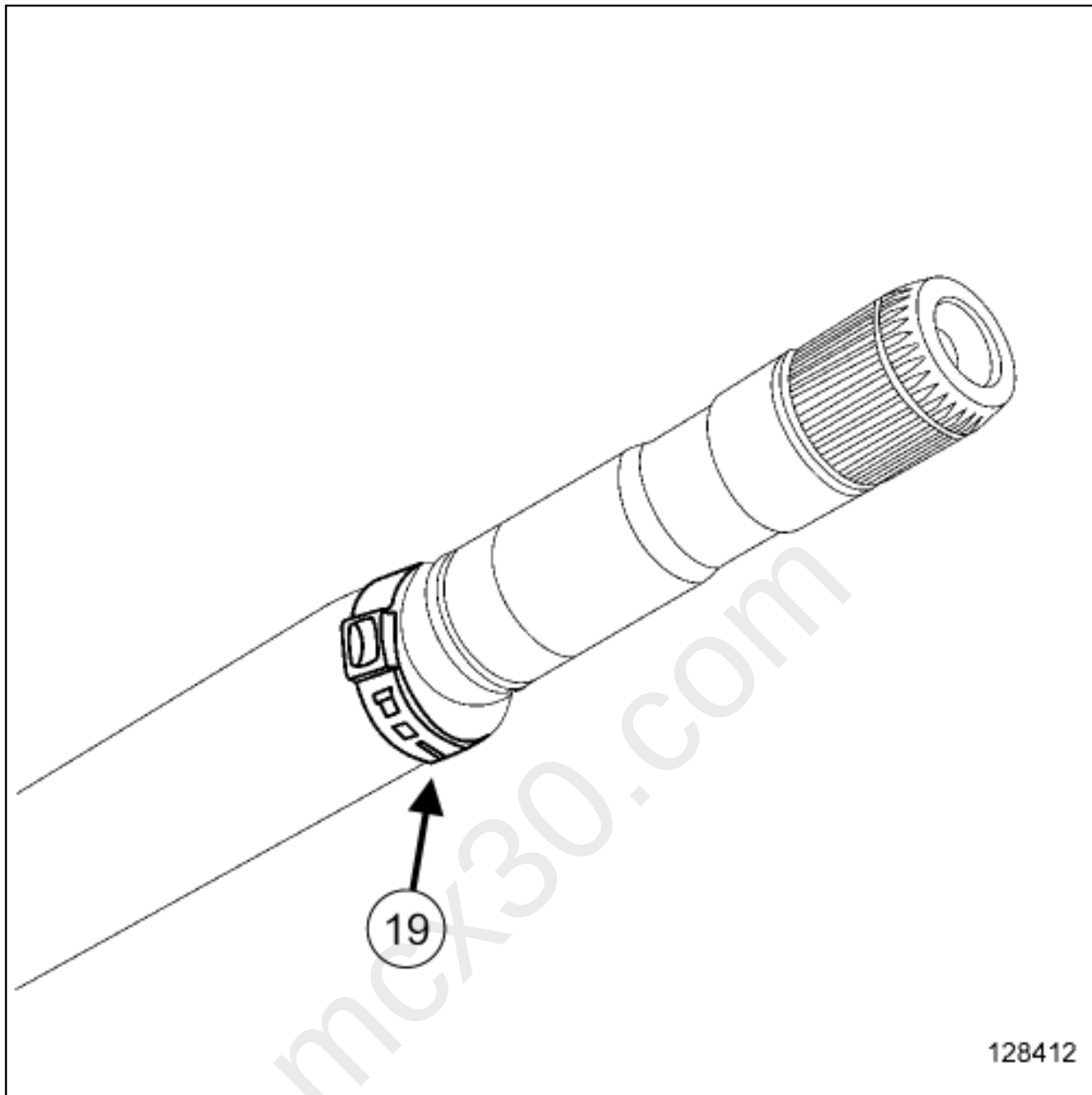


the small securing clip.



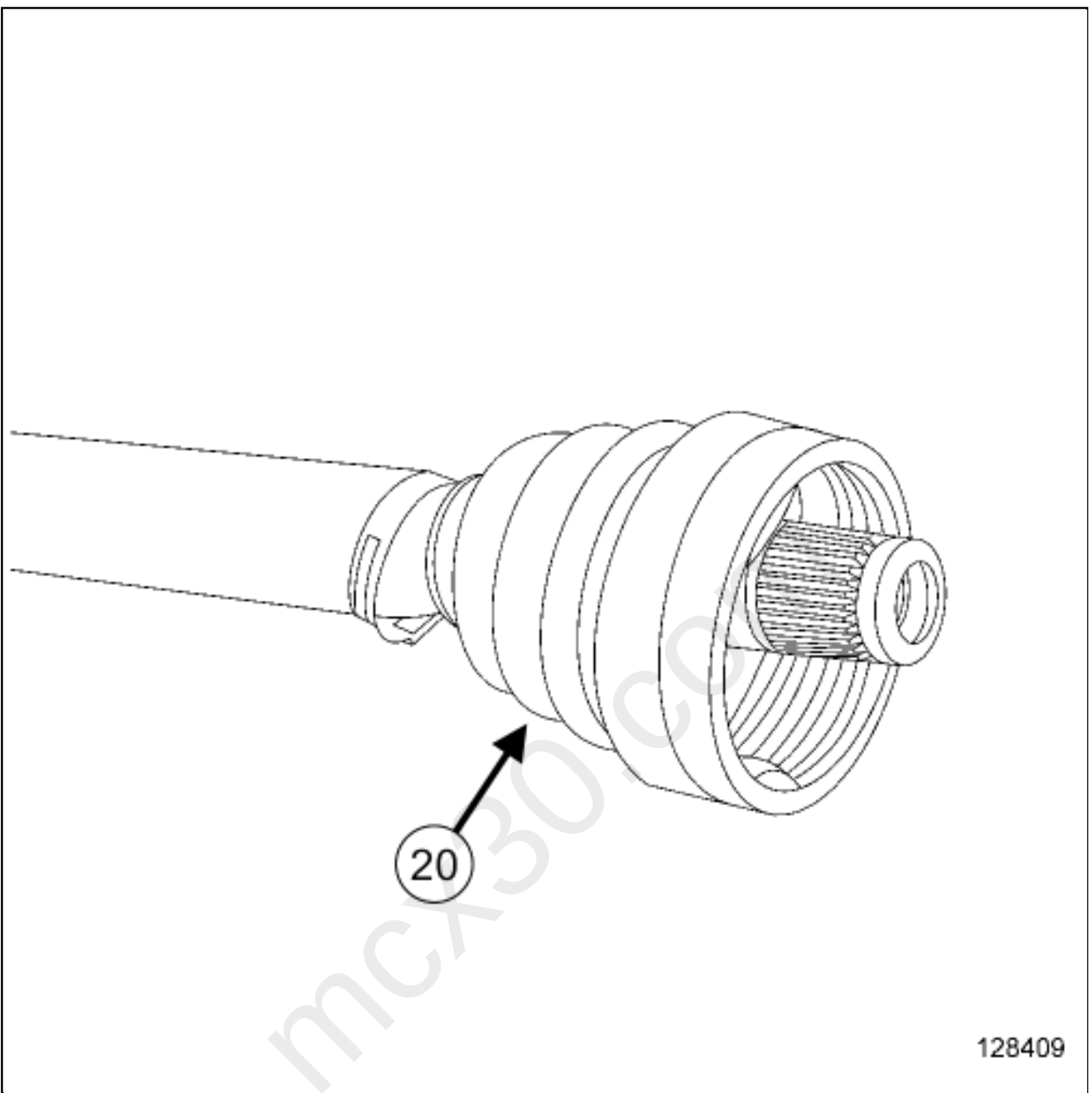
Use a parts wash to clean the driveshaft, the spider and the driveshaft yoke sleeve.

2. REFITTING OPERATION



Fit the small tightening clip(17) to the driveshaft.

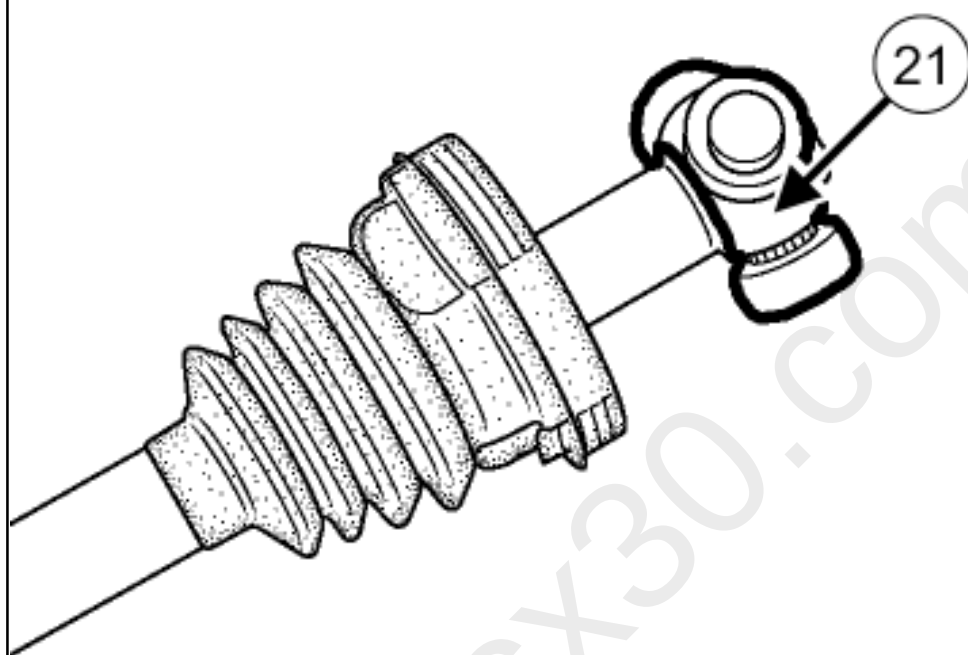
Lightly lubricate the driveshaft using the grease supplied with the gaiter to facilitate its fitting.



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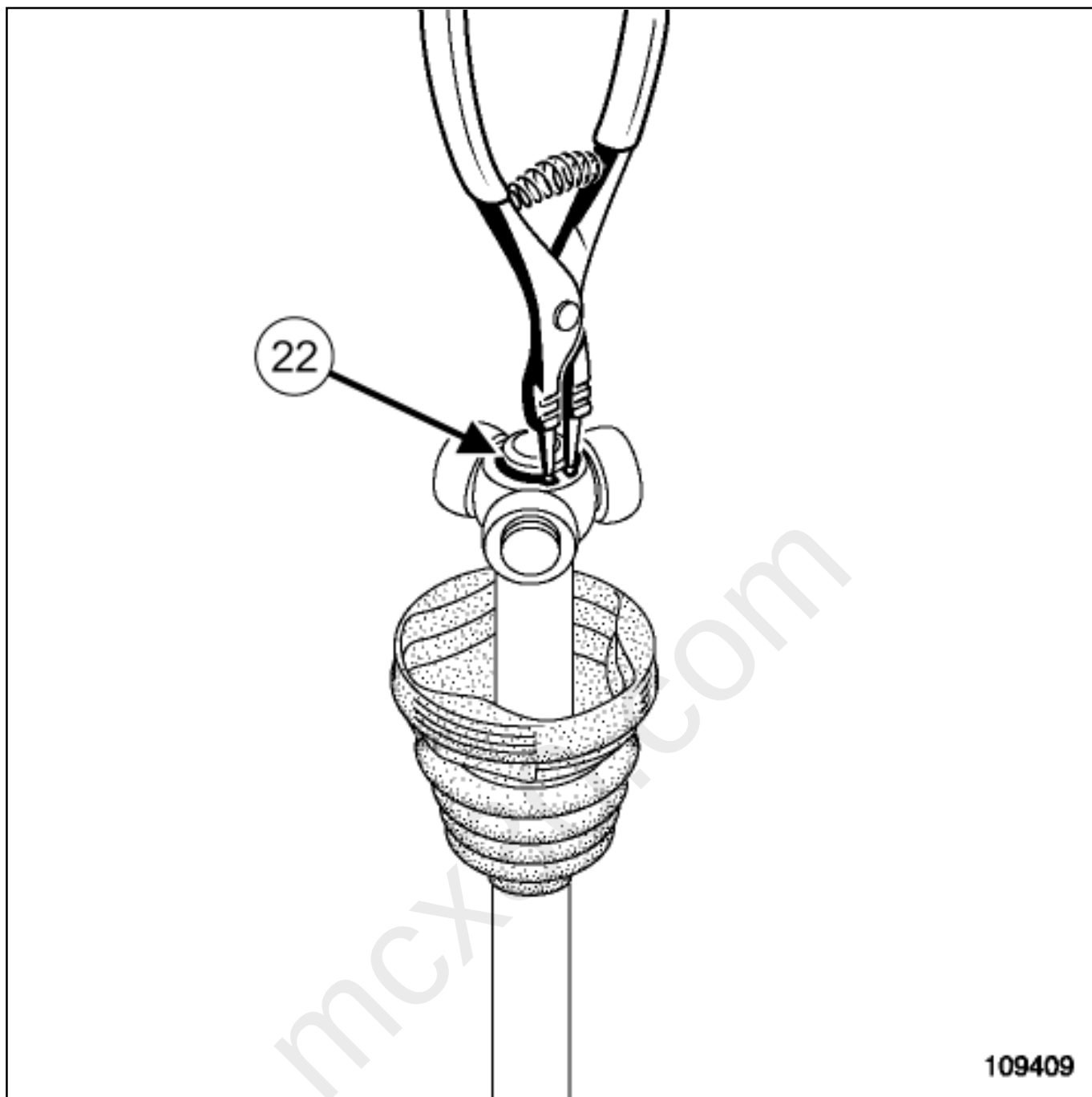
Refit the gaiter(18) onto the driveshaft.

Insert the gaiter lip into the groove of the driveshaft.



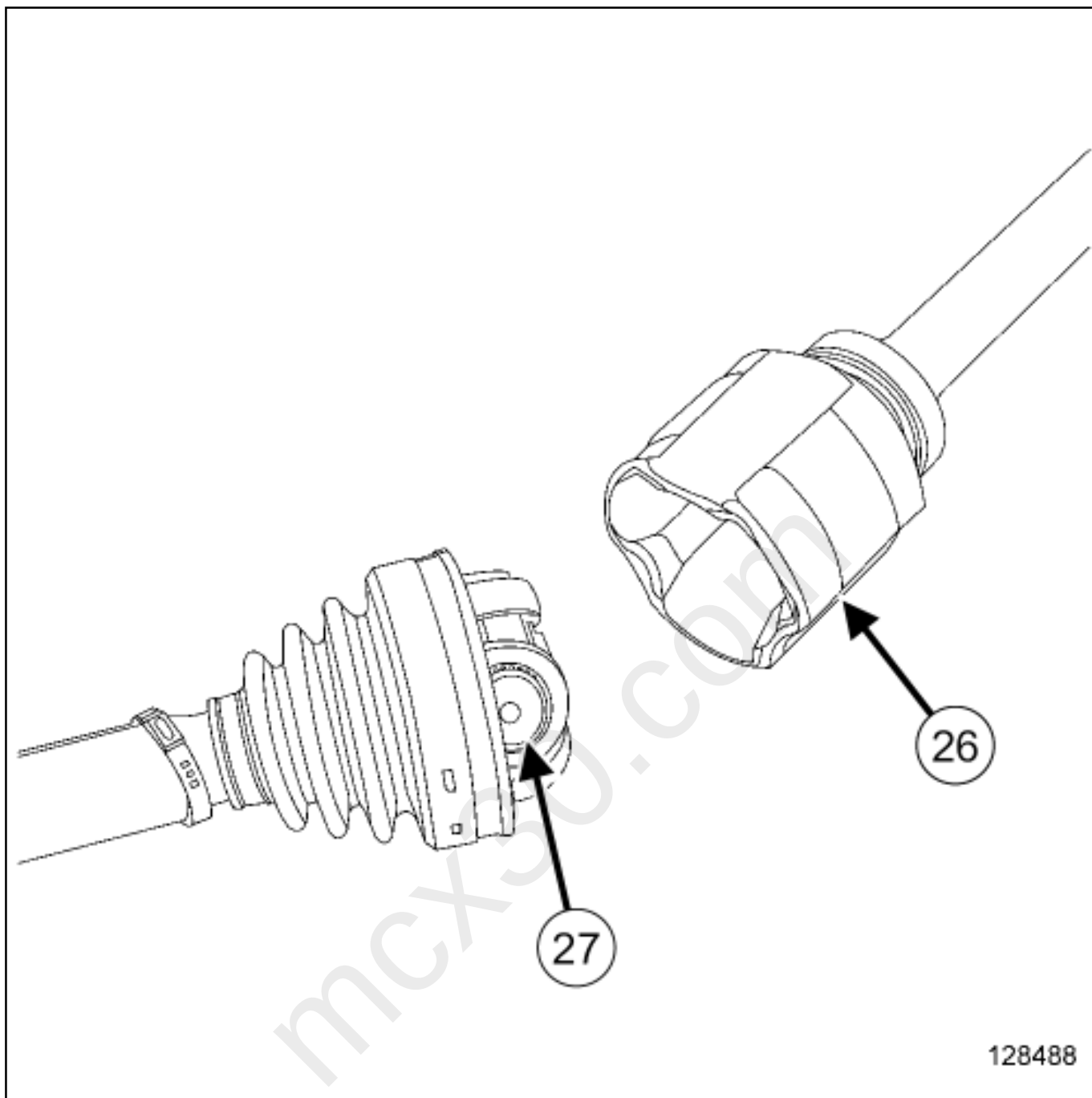
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Refit the spider(19) in the position marked during removal.



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Fit a new lock ring(20) using circlip pliers.



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Divide the quantity of grease between the driveshaft gaiter and the yoke sleeve.

Engage the yoke sleeve(22) on the tripod(23) .

Position the driveshaft gaiter lip into the groove of the yoke sleeve.



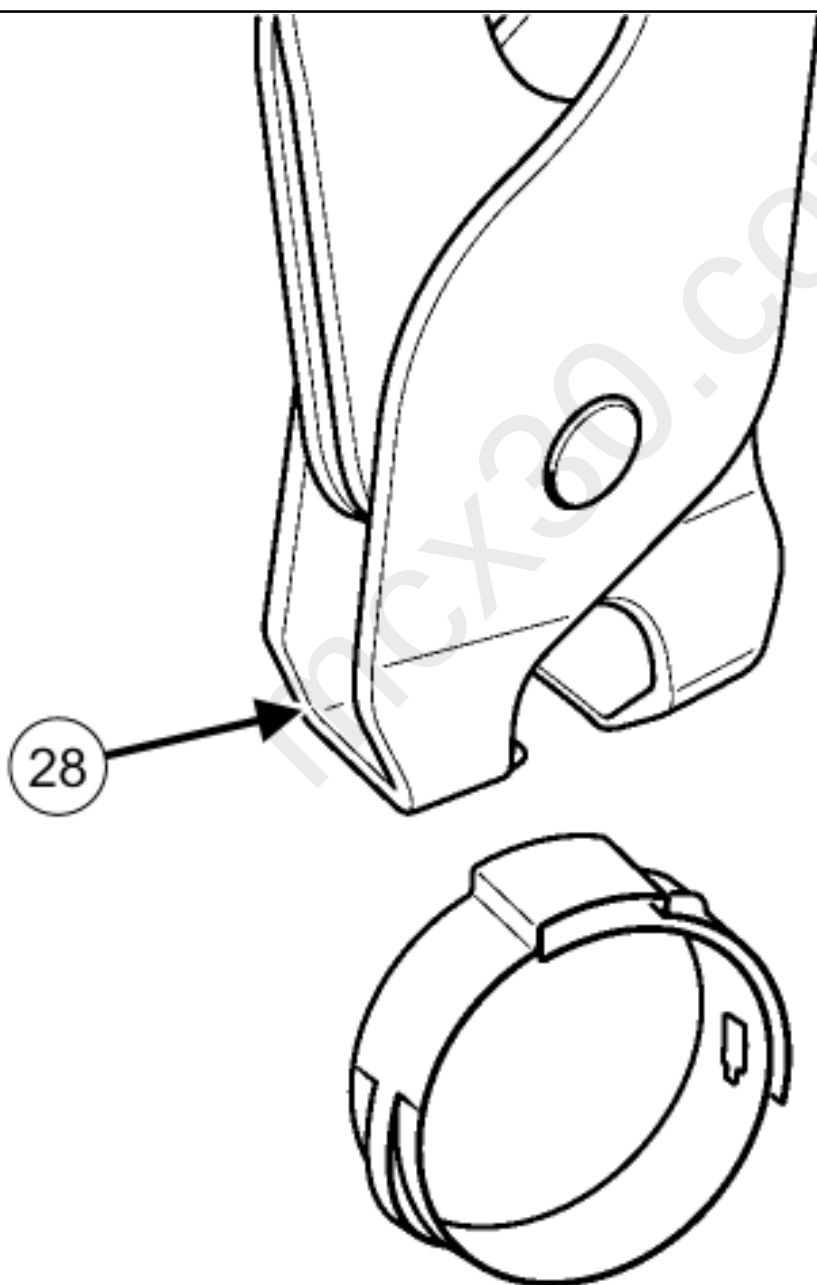
Note:

Check that the gaiter lip is correctly positioned in the groove of the driveshaft.

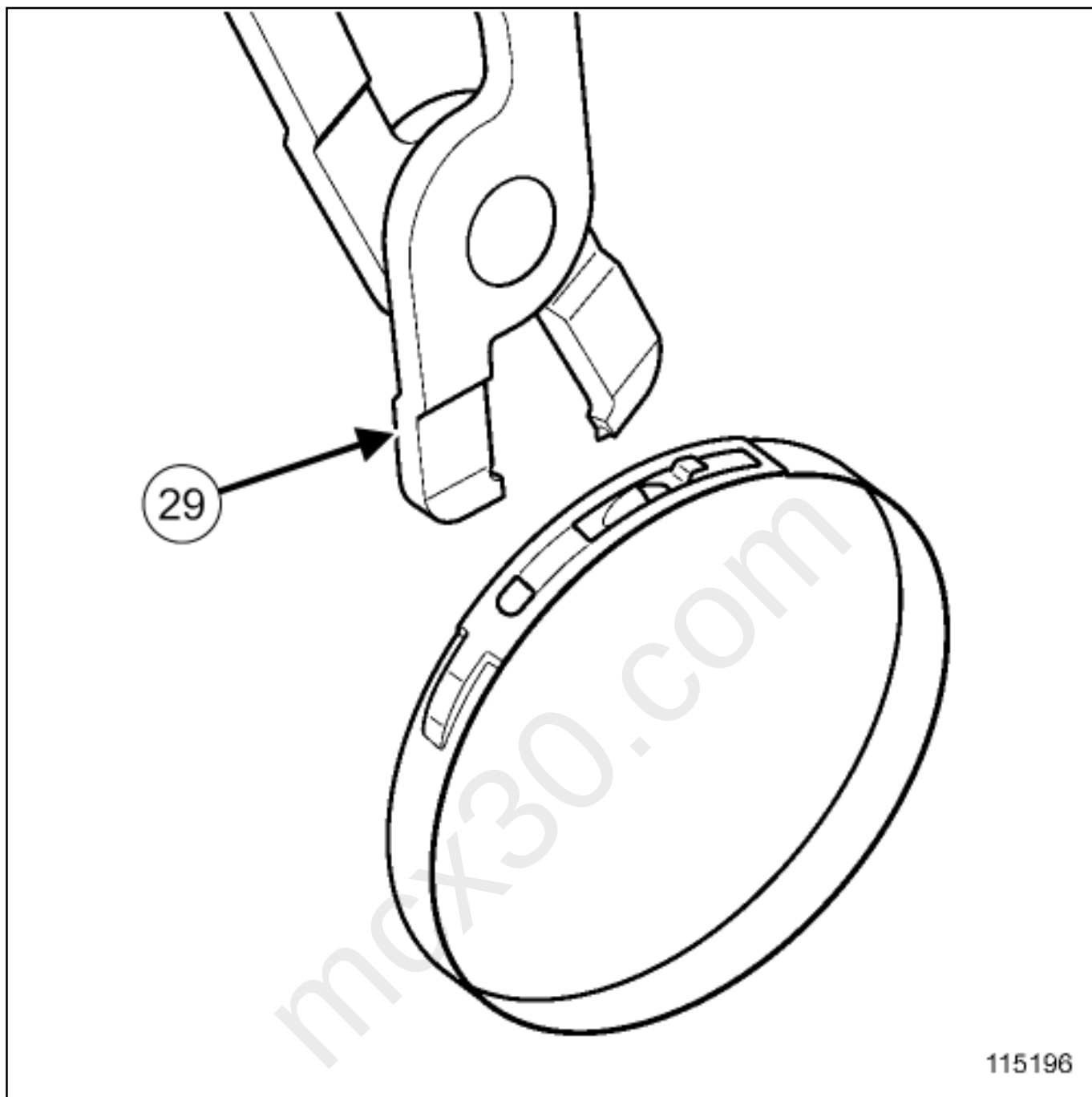
Fit the small securing clip on the driveshaft gaiter.

Refit the big securing clip on the driveshaft gaiter.

CLIC CLIP



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Tighten the clips using the toolType clip pliers for driveshafts with a thermoplastic gaiter.([Tav. 1168](#)) ([24](#)) for clic clips or the toolPliers for the driveshaft gaiter collar.([Tav. 1784](#)) ([25](#)) for profile end clips.

3. FINAL OPERATION



Refit a new differential output seal(see **Differential output seal: Removal - Refitting**) .