

REMOVING - REFITTING : PIVOT

1. Recommended tools

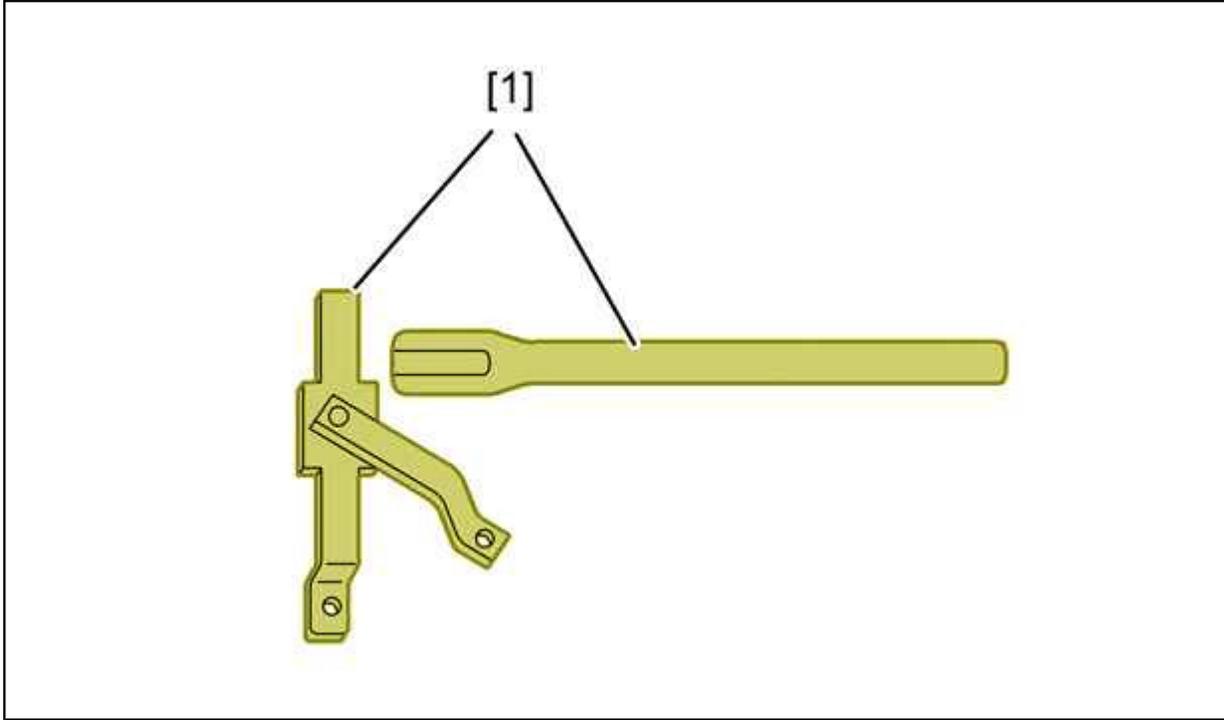


Figure : E5AP2YND

[1] hub immobilising tool 6310-T.

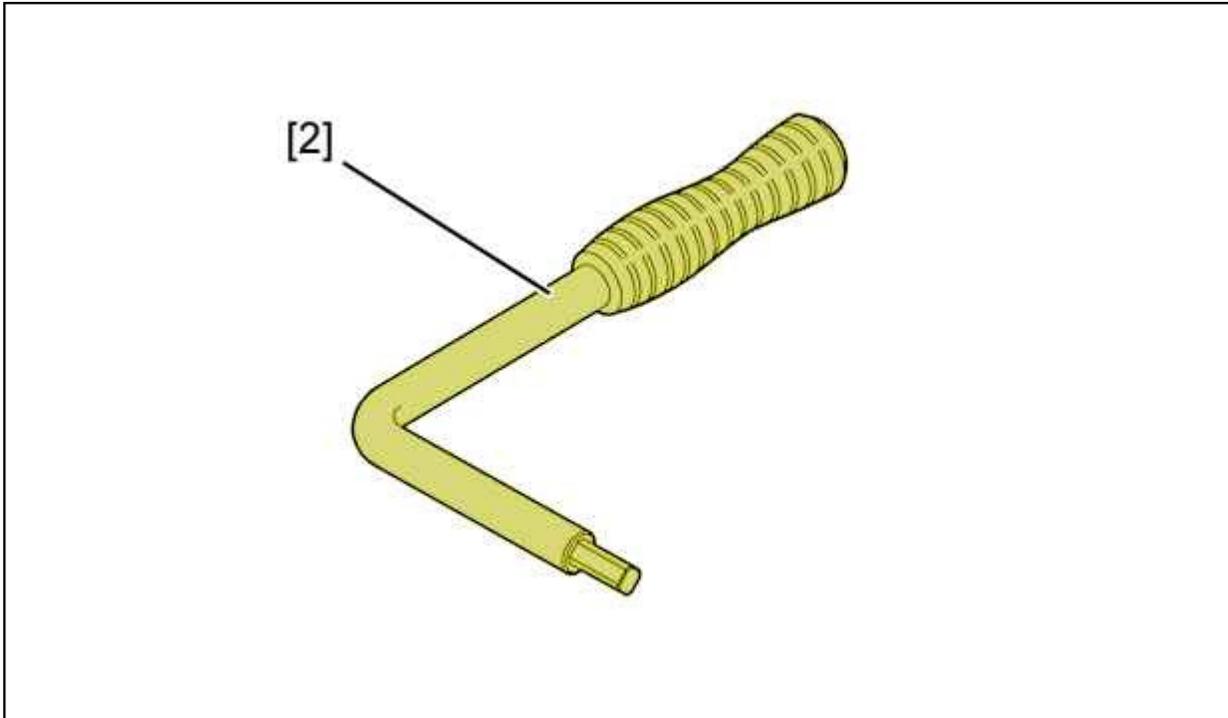


Figure : E5AP2YPD

[2] pivot spreading tool FACOM DS-12.

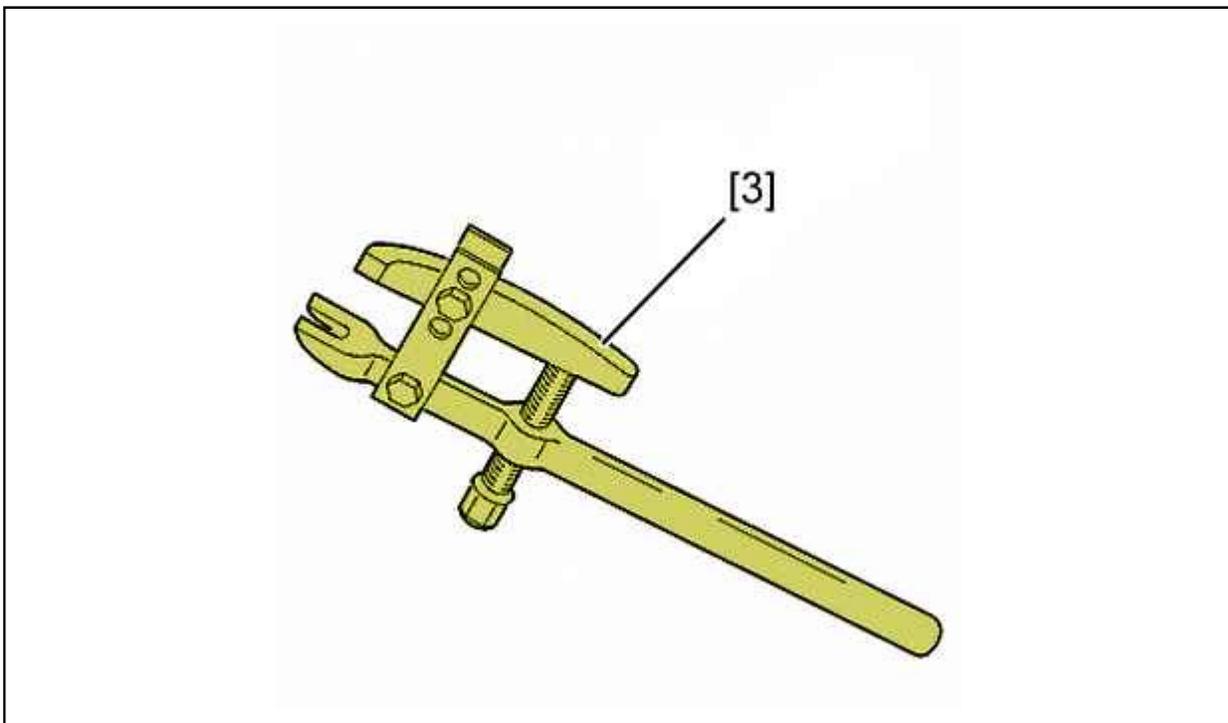


Figure : E5AP2YQD

[3] ball-joint extractor 1892-T.

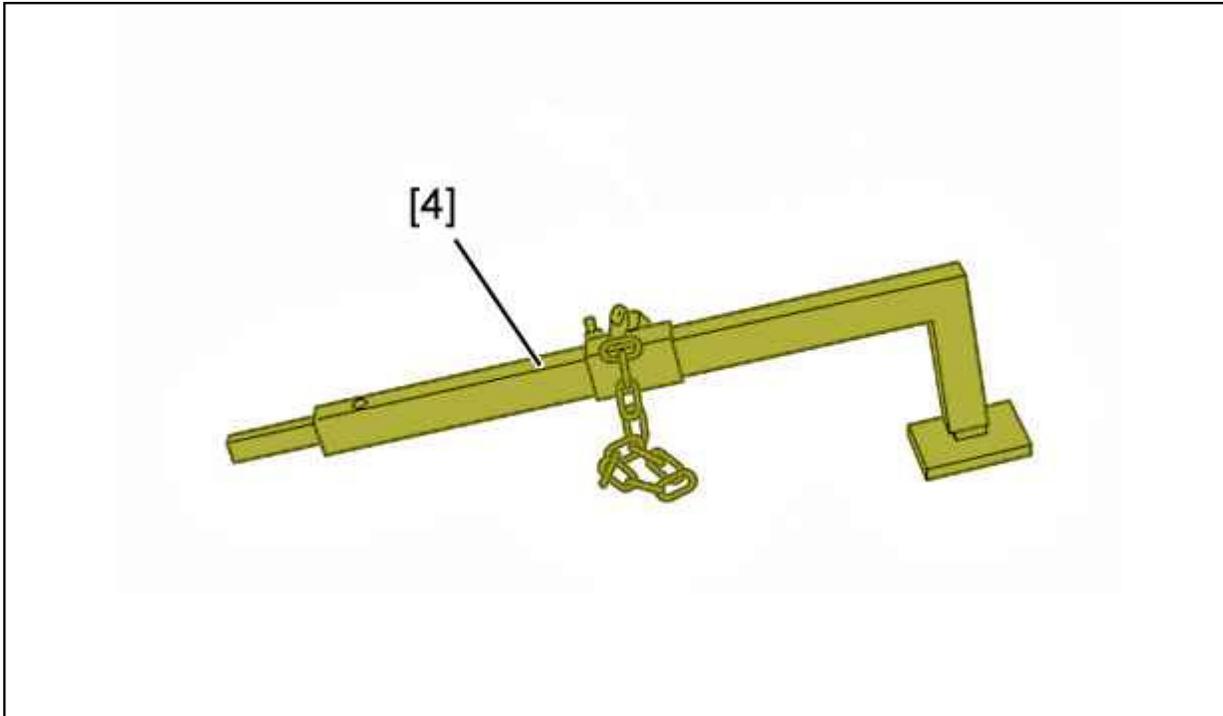


Figure : E5AP2YRD

[4] pivot ball-joint uncoupling lever (-).0622.

2. Removing

Lift and support the vehicle with front wheels suspended.
Remove the wheel.

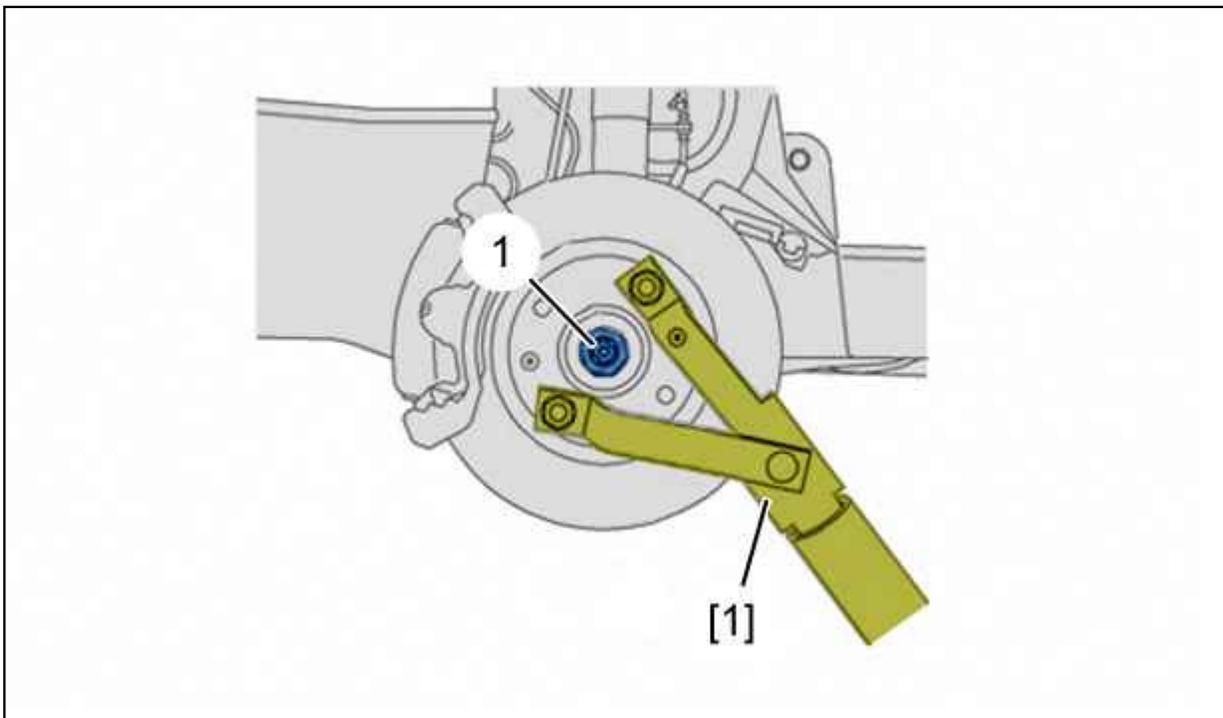


Figure : B3FP7LDD

Use tool [1] to prevent the hub from turning.
Unlock the transmission nut .

CAUTION : Never apply the brakes to release the nut (/) as this risks shearing the disc bolts (/).

Slacken then remove the drive shaft nut (1).

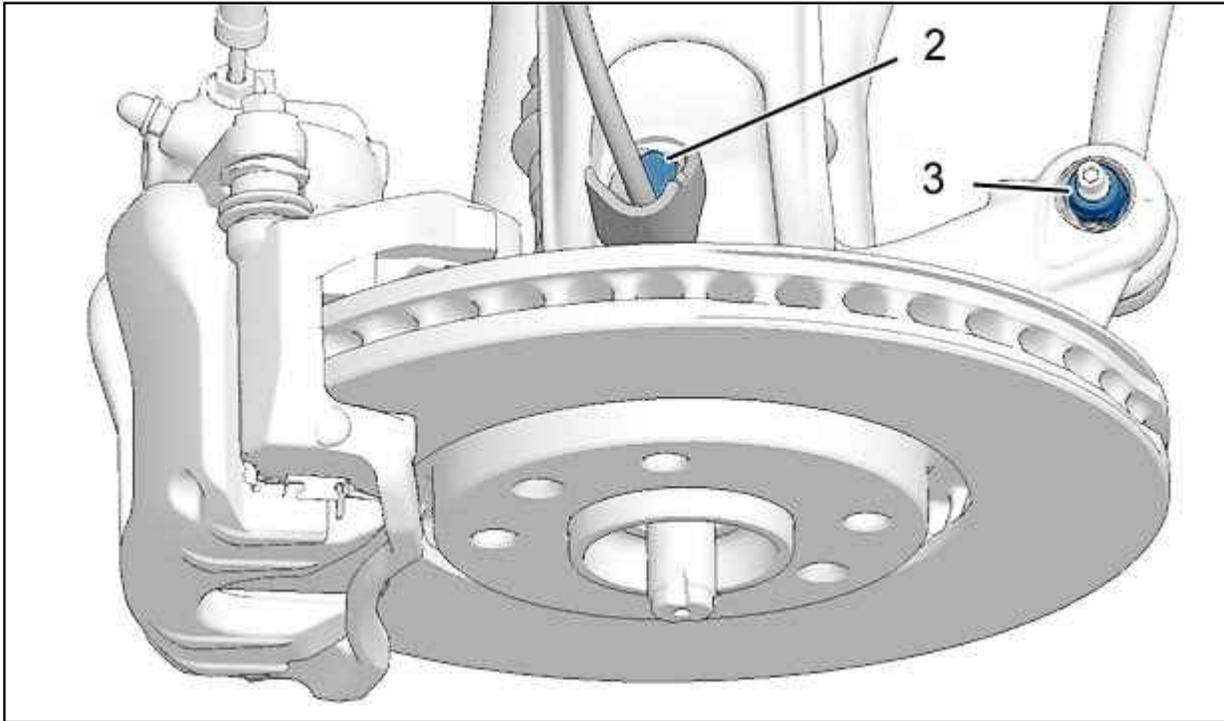


Figure : B3FP7LED

Remove :

- The wheel speed sensor fixing (2)
- The wheel speed sensor
- The steering rod nut (3)

Detach the steering ball-joint using extractor [3].

Remove the front brake disc .

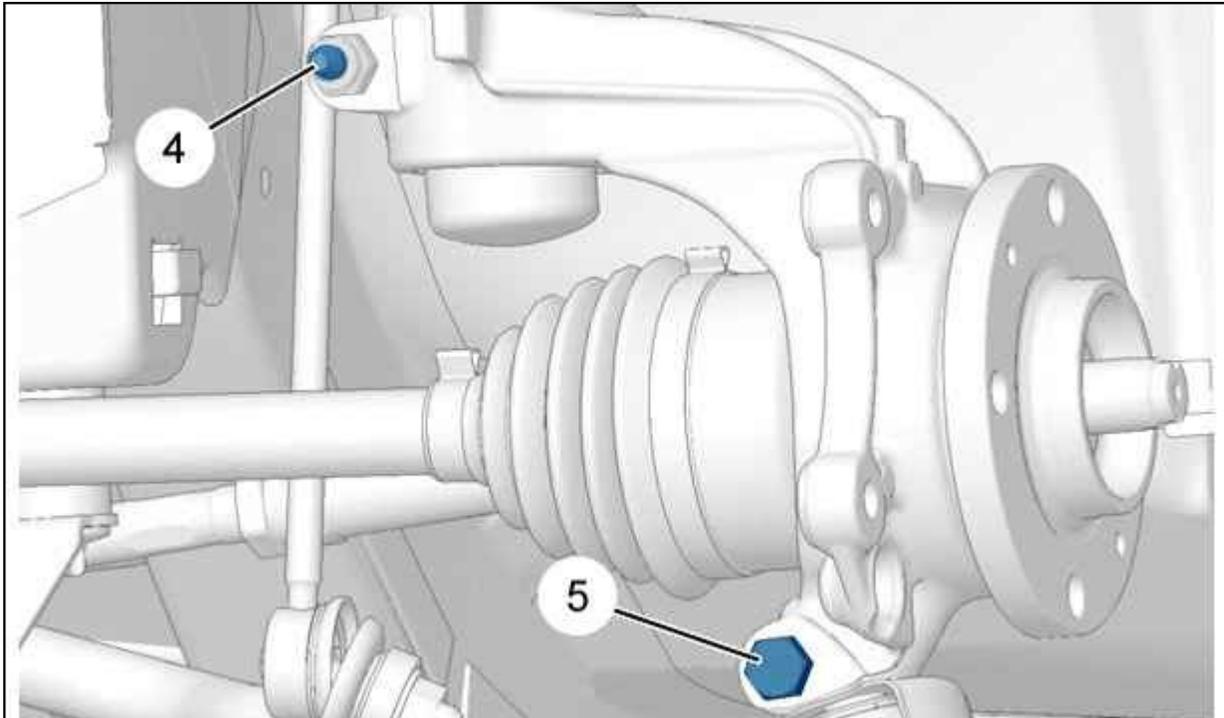


Figure : B2FP06PD

Remove bolts (4).

Remove the fixing bolt (5) securing the lower arm ball joint on the hub carrier .

CAUTION : Take care not to damage the ball joint boot with the chain of tool [4].

Extract the lower arm ball joint from the hub carrier ; Using tool [4].

CAUTION : When detaching the hub carrier , support the drive shaft in the differential.

Detach the hub carrier from the drive shaft.

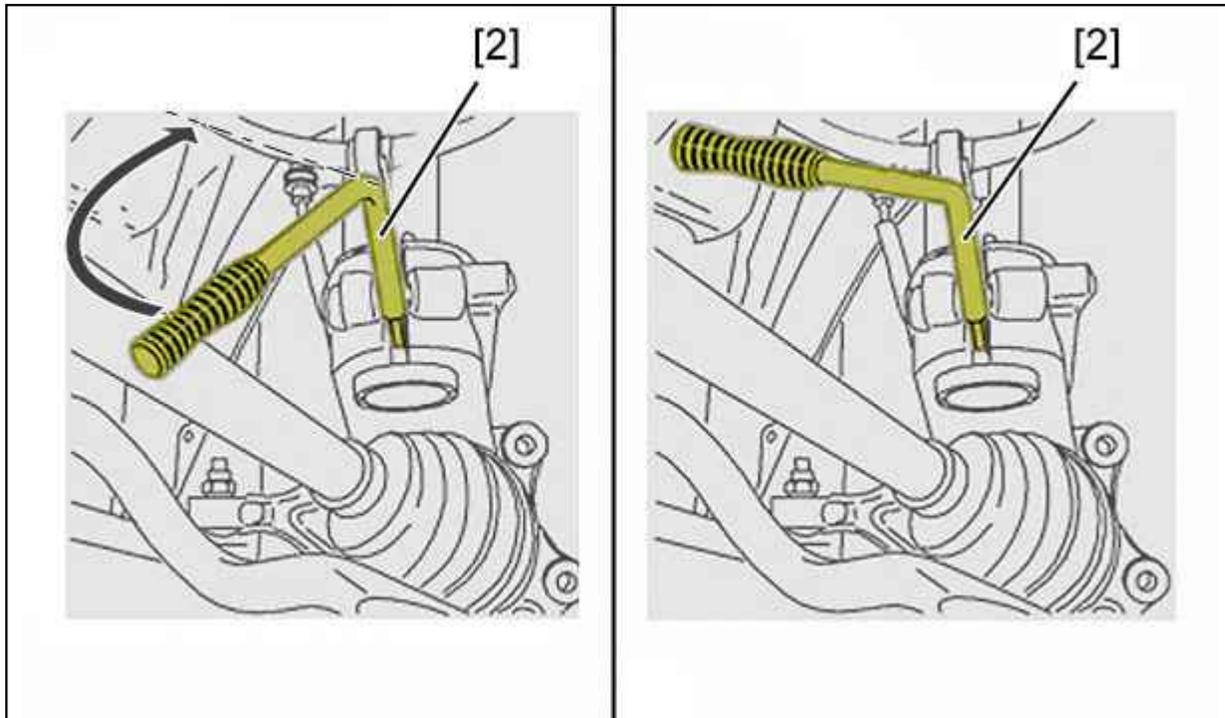


Figure : B2FP06QD

Position the tool [2] in the slot in the pivot.
Turn a quarter turn to open the pivot.
Remove the pivot.

3. Refitting

Position the tool [2] in the slot in the pivot.

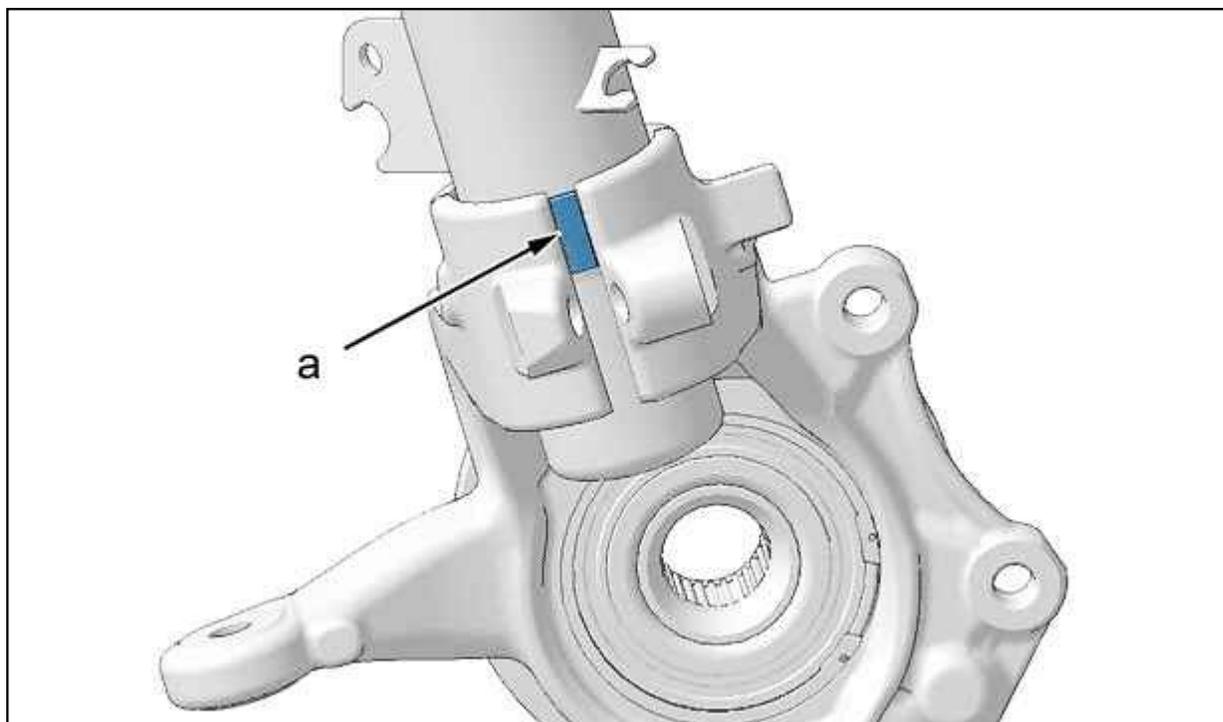


Figure : B3CP0BND

Fit the pivot.

URGENT : Position the damper correctly in relation to the pivot (as "a").

Engage the drive shaft in the hub carrier .

N.B. : When refitting the lower arm on the hub carrier , ensure that the protective boot of the ball joint is in good condition (cut on the boot) and that it is positioned correctly (index).

Clean the ball joint taper, move the boot from the top to the bottom so that it regains its flexibility, position the boot in the fully extended position.

Engage the lower arm ball joint in the pivot, without forgetting the ball joint protector which must be positioned correctly (indexer).

Fit :

- The (4) bolt ; Tighten to $5,4 \pm 0,54$ daN.m
- The (5) bolt ; Tighten to $4 \pm 0,4$ daN.m

Refit the brake disc  .

Fit :

- The nut (3) ; Tighten to $3,5 \pm 0,35$ daN.m
- The wheel speed sensor
- The (2) bolt ; Tighten to $0,8 \pm 0,12$ daN.m
- The nut (1) ; Tighten to $24,5 \pm 0,5$ daN.m

Refit the front wheels.

Return the vehicle to its wheels.

Tighten the wheel bolts  .