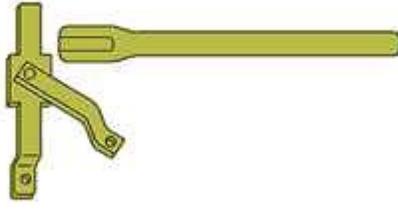
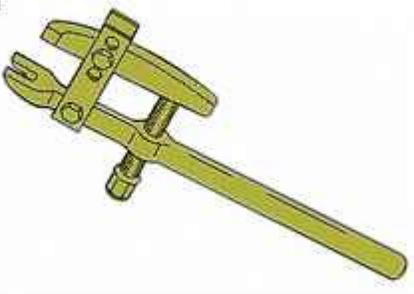


**REMOVING - REFITTING : FRONT SUSPENSION LEG**

**URGENT** : Observe the safety and cleanliness recommendations  .

**1. Tooling**

tool	Reference	Designation
<div data-bbox="170 598 316 682"> <p>[0606-AY] [6310-T]</p> </div>  <p data-bbox="170 955 349 997">Figure : E5AB0R8T</p>	<p data-bbox="795 535 917 598">[0606-AY] [6310-T]</p>	<p data-bbox="930 535 1161 567">hub immobilising tool</p>
<div data-bbox="170 1113 300 1197"> <p>[0709] [1892-T]</p> </div>  <p data-bbox="170 1480 349 1512">Figure : E5AB0PXT</p>	<p data-bbox="795 1050 893 1113">[0709] [1892-T]</p>	<p data-bbox="930 1050 1128 1081">ball-joint extractor</p>
	<p data-bbox="795 1564 893 1627">[0622] [9509-T]</p>	<p data-bbox="930 1564 1274 1596">pivot ball-joint uncoupling lever</p>

[0622]  
[9509-T]



Figure : E5AB0PZT

## 2. Removing

**CAUTION :** Do not use a pneumatic gun during the removing and refitting operations.

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

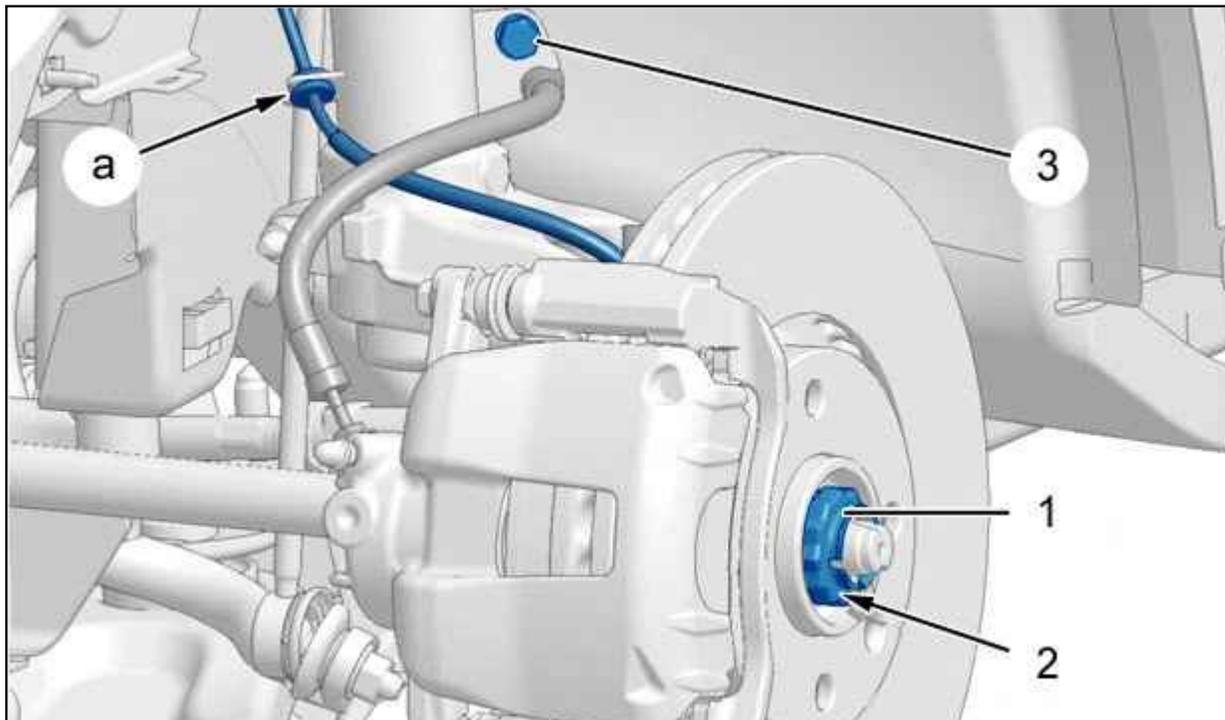


Figure : B3FP7LFD

Remove :

- The drive shaft nut cover (1)
- The drive shaft nut (2) ; Using tool [0606-AY / 6310-T]
- The brake hose fixing nut (3)

Unclip the wheel speed sensor harness ( as "a" ).

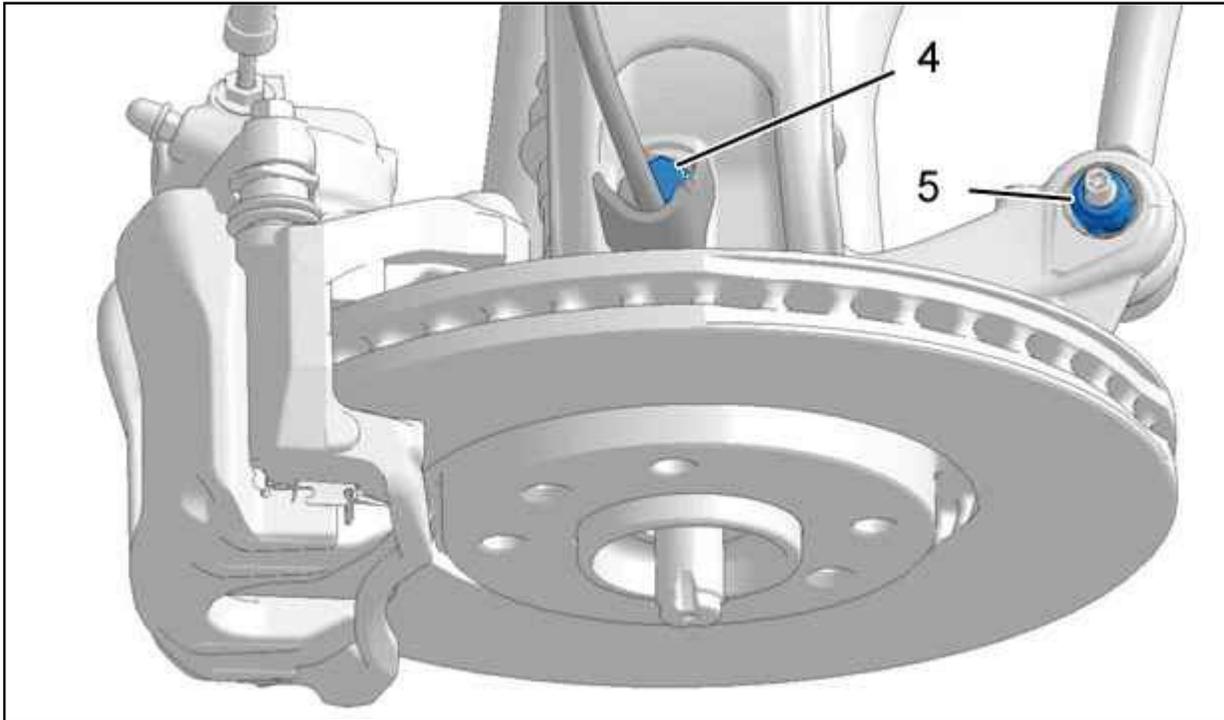


Figure : B3FP7LGD

Remove :

- The wheel speed sensor fixing (4)
- The wheel speed sensor
- The steering rod nut (5)

Uncouple : The steering ball joint ; Using the extractor [0709 / 1892-T].

**Remove the front brake disc** ⓘ .

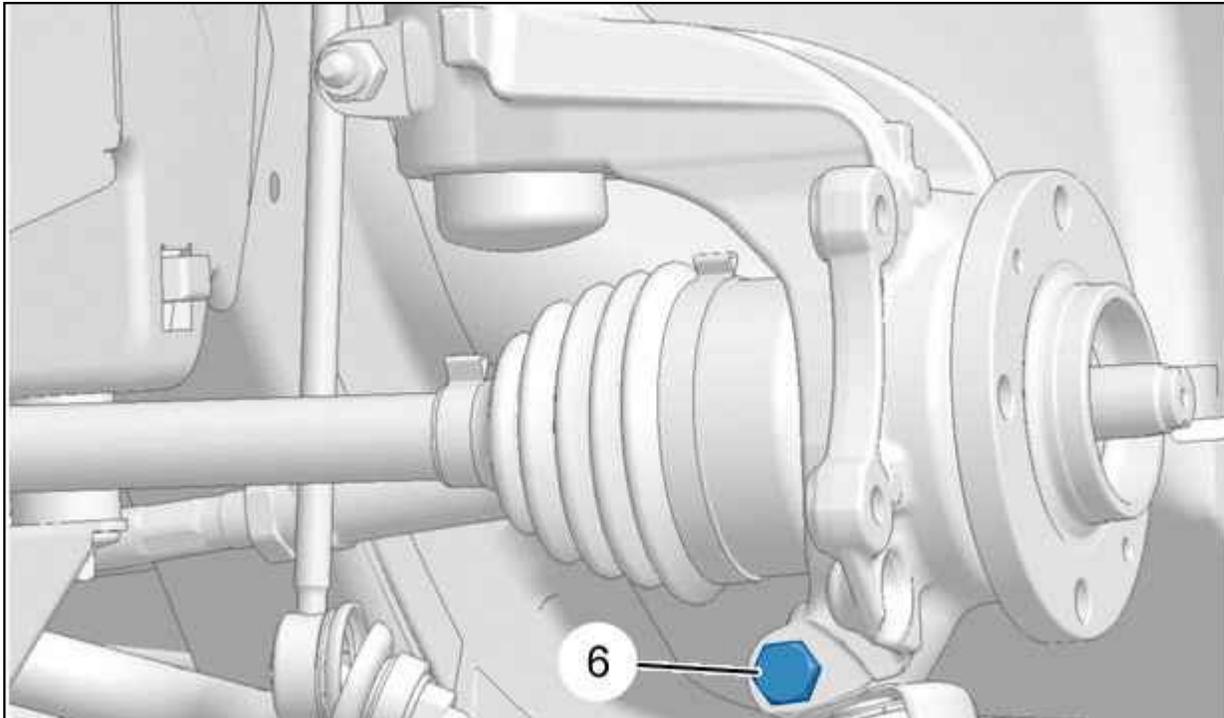


Figure : B2FP06RD

Remove the fixing bolt (6) 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 [0622 / 9509-T].

Extract the lower arm ball joint from the hub carrier ; Using tool [0622 / 9509-T].

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

Detach the hub carrier from the drive shaft.

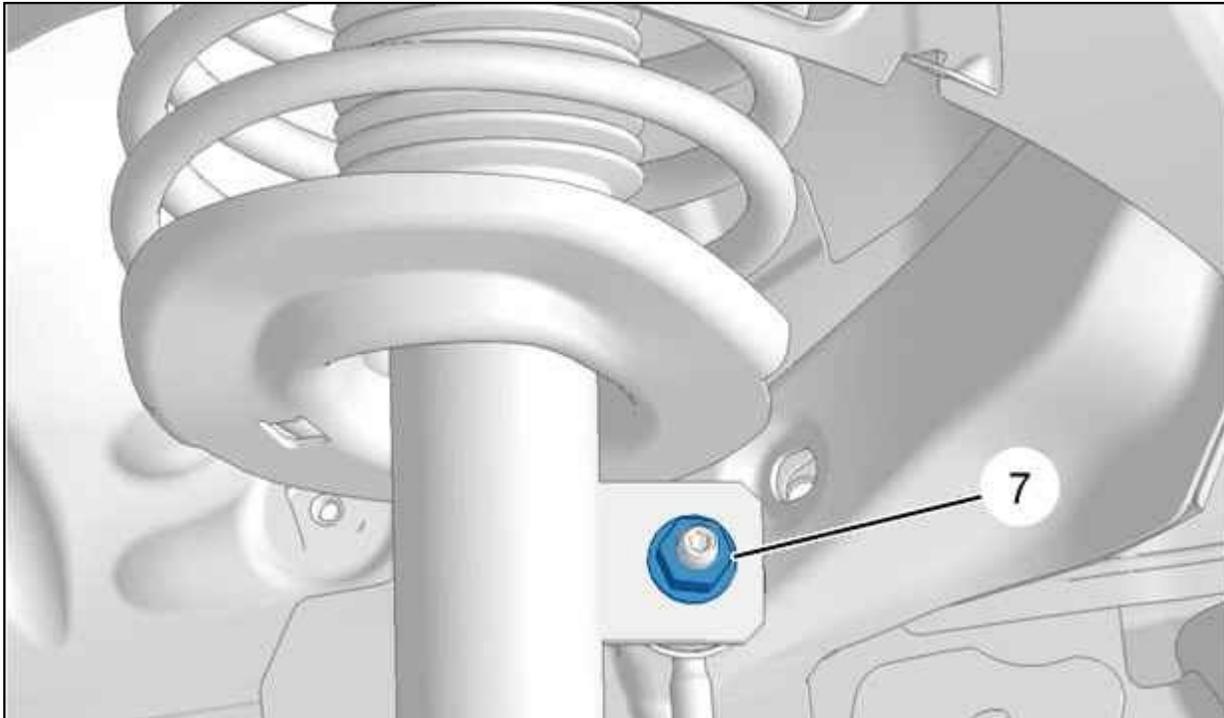


Figure : B3BP1CSD

Remove the anti-roll bar rod nut (7).

Move aside the anti-sway bar rod.

**Remove the scuttle grill** ⓘ.

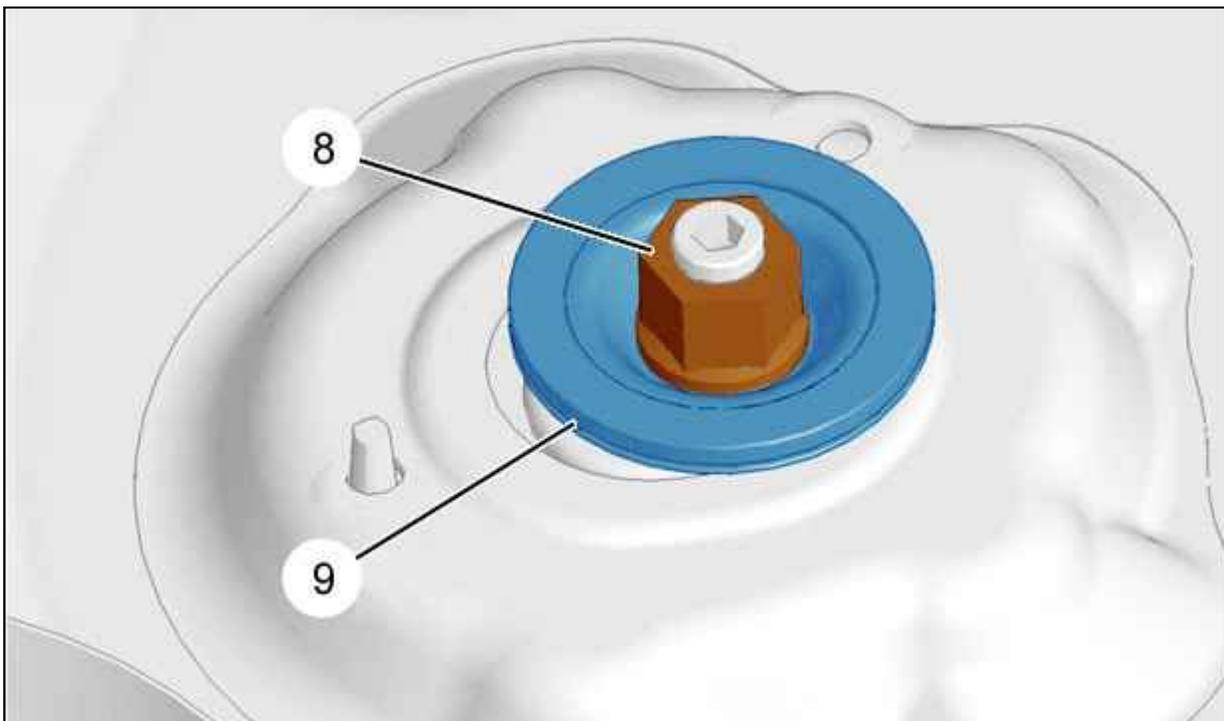


Figure : B3BP1CTD

Remove :

- The nut (8)
- The cup (9)

Remove the strut.

### 3. Refitting

**CAUTION** : Fit new nylstop nuts.

#### 3.1. Up to build code 10628

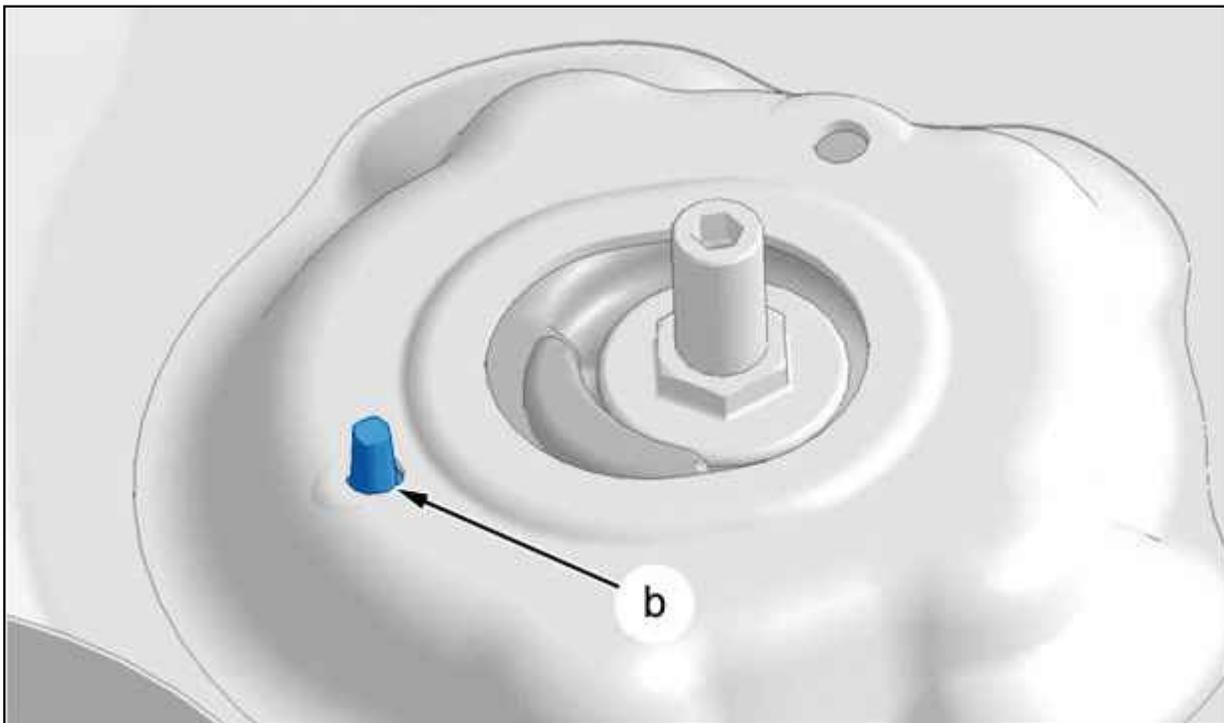


Figure : B3BPICUD

Engage the support in the wheel arch .

**N.B.** : Ensure that the damper upper retainer is positioned correctly( as "b").

#### 3.2. From build code 10629



Figure : B3BM07QD

Evolution of the damper upper cup ; Discontinuation of the centring pin (at "c").  
Engage the support in the wheel arch .

**N.B. :** Make sure that the reaming of the damper upper cup (at "c") is aligned correctly with that on the body (at "d").

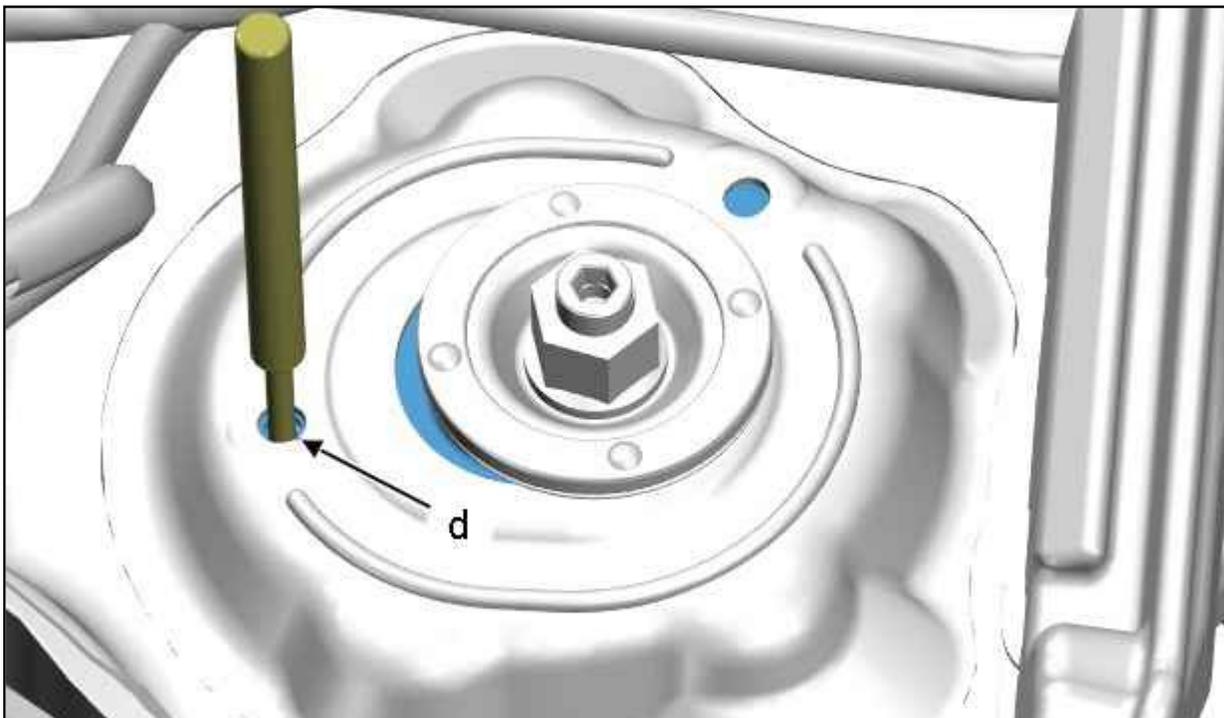


Figure : B3BM07RD

Insert a pin (gudgeon punch type) to immobilise the damper upper cup during the tightening of the nut (8) (at "d").

### 3.3. Refitting (continued)

**N.B.** : Apply grease Syntheso GLK1 on the seal (9) (body side).

Fit :

- The cup (9)
- The nut (8) ; Tightening torque to 7,5 da.Nm

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).

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 (6) bolt ; Tighten to 4 daN.m
- The anti-roll bar link rod
- The nut (7) ; Tighten to 3,6 daN.m
- **The front brake disc** ⓘ
- The steering ball joint
- The nut (5) ; Tighten to 3,5 daN.m
- The wheel speed sensor
- The (4) bolt ; Tighten to 0,8 daN.m
- The wheel speed sensor harness ( as "a")
- The nut (3) ; Tighten to 0,8 daN.m
- The nut (2) ; Tighten to 24,5 daN.m
- The drive shaft nut cover (1)
- **The scuttle grille** ⓘ
- The front wheel

Return the vehicle to its wheels.

**Tighten the wheel bolts** ⓘ .