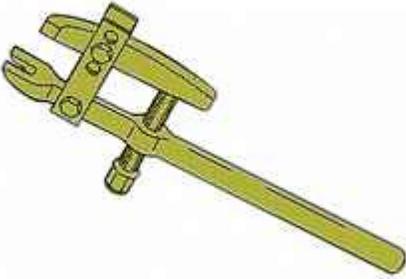


## REMOVING - REFITTING : FRONT SUBFRAME

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

### 1. Tooling

tool	Reference	Designation
<p>[0622]</p>  <p>Figure : E5AG02VT</p>	[0622]	pivot ball-joint uncoupling lever
<p>[0709]</p>  <p>Figure : E5AG02WT</p>	[0709]	ball-joint extractor

### 2. Removing

Lift and support the vehicle with front wheels suspended.

Disconnect the battery.

Remove :

- The front wheels
- The front splash shields
- The protective panel under the engine

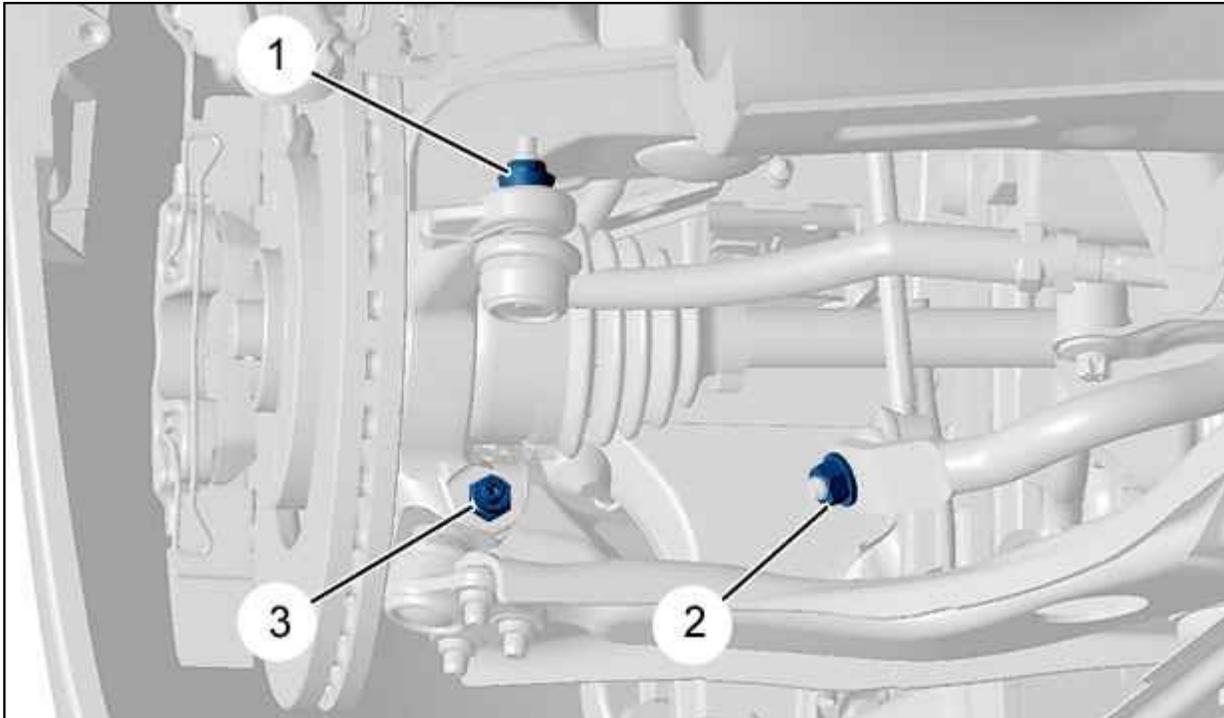


Figure : B3CP0FYD

Remove (on each side) :

- The nut (1)
- The nut (2)
- The bolt/nut assembly (3)

Uncouple :

- The pivot lower ball-joint ; Using tool [0622] ( each side)
- The steering ball joint ; Using tool [0709]
- The anti-roll bar link rod

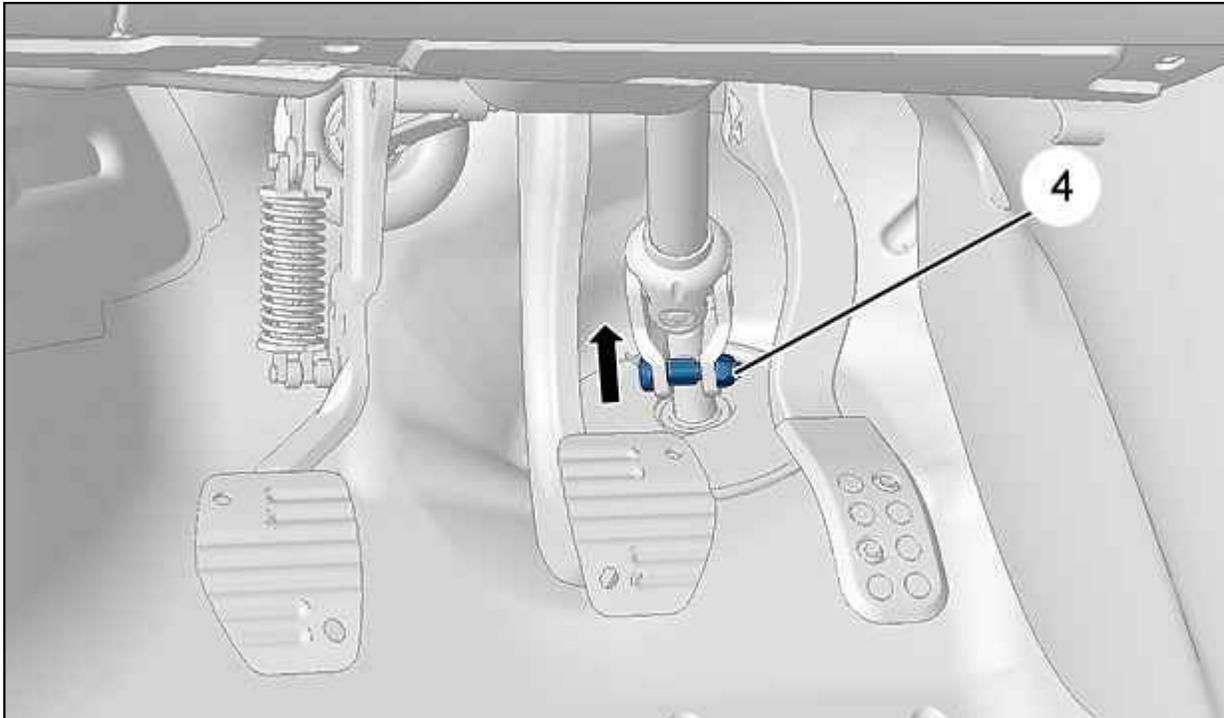


Figure : B3EP1D7D

**CAUTION** : Any impact on the tail of the valve is prohibited as it destroys it.

Remove bolts (4).

Uncouple the steering column from the steering mechanism by pulling in the direction of the arrow .



Figure : B1JP0HDD

Disconnect the connectors (at "a").

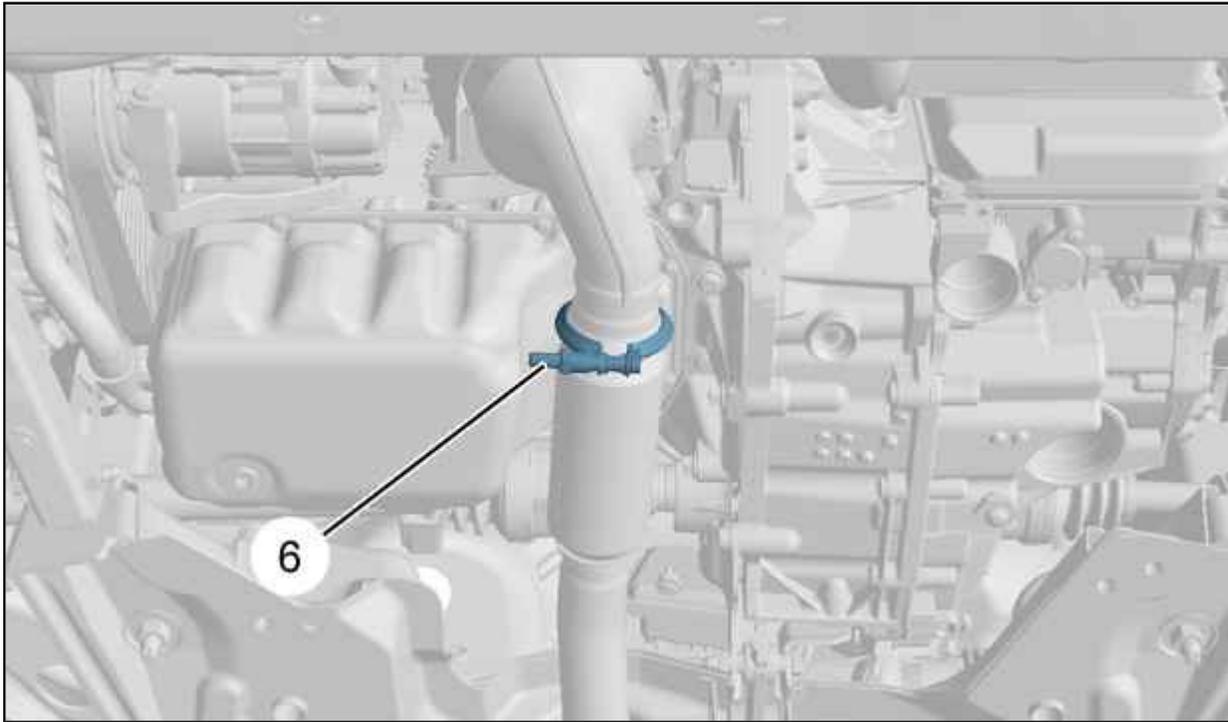


Figure : B1JP0HFD

Remove the collar (6).

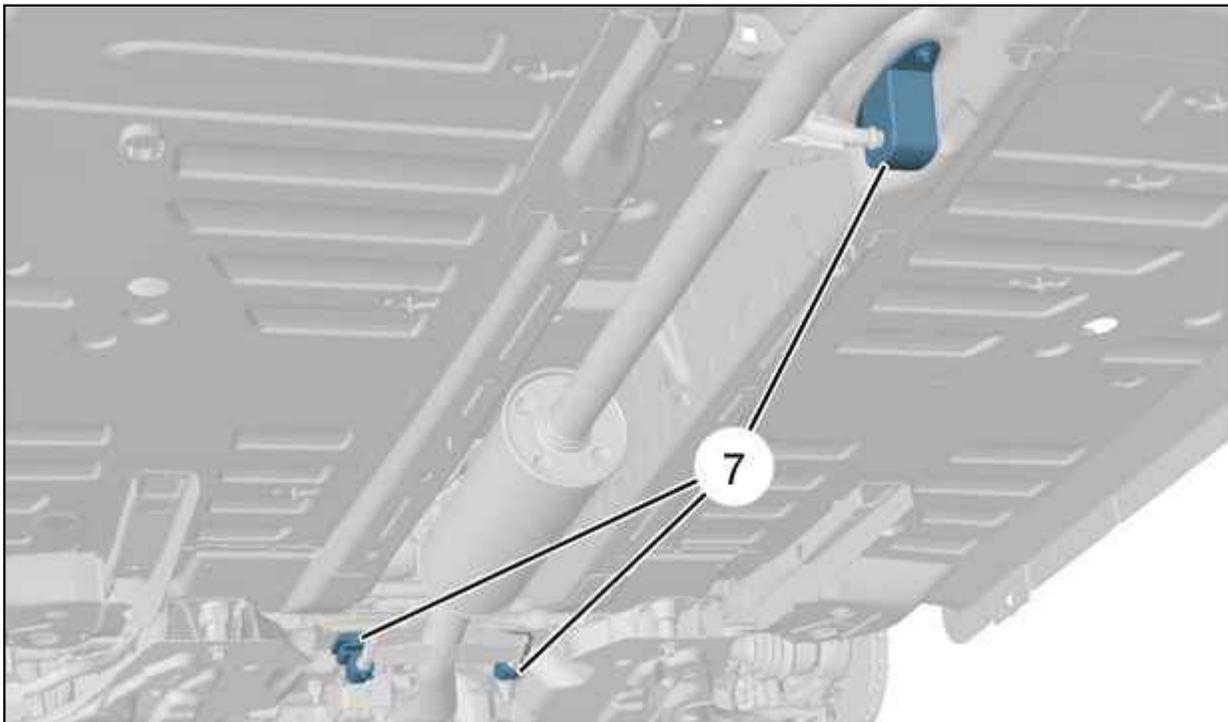


Figure : B1JP0HGD

Remove the exhaust flexible mountings (7).

Support the exhaust line ; Using a strap.

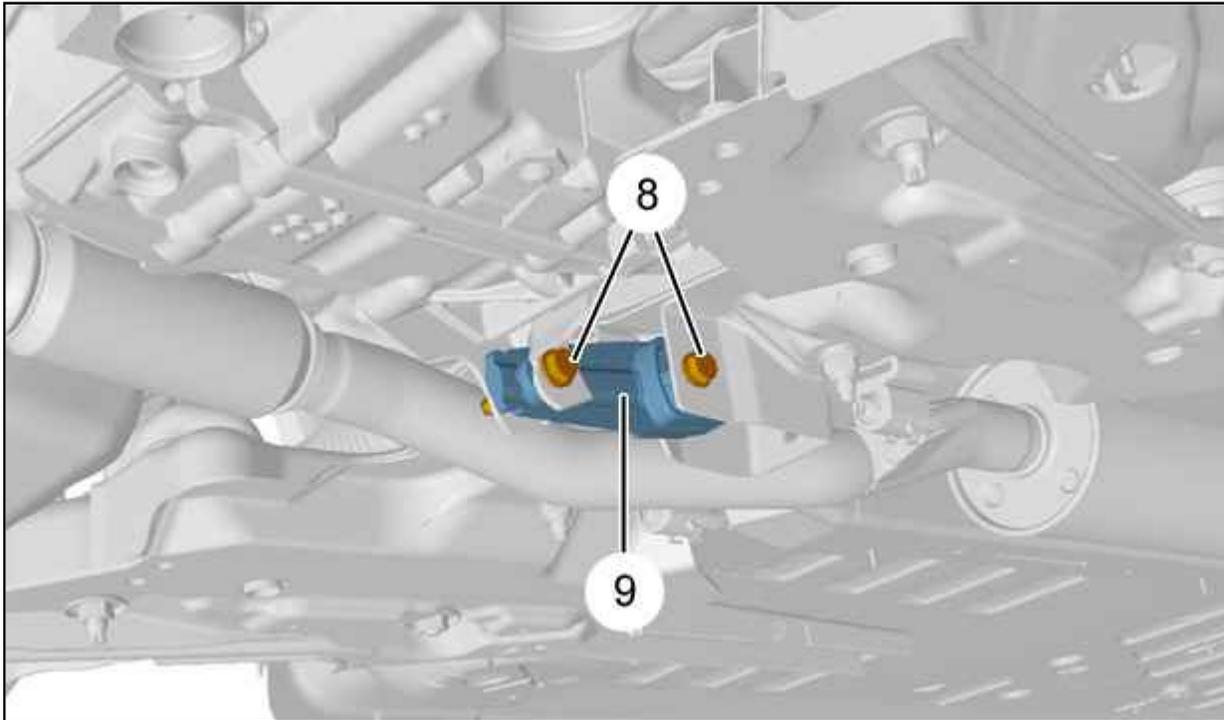


Figure : B1JP0HHD

Remove :

- The bolts (8)
- The reaction link (9)

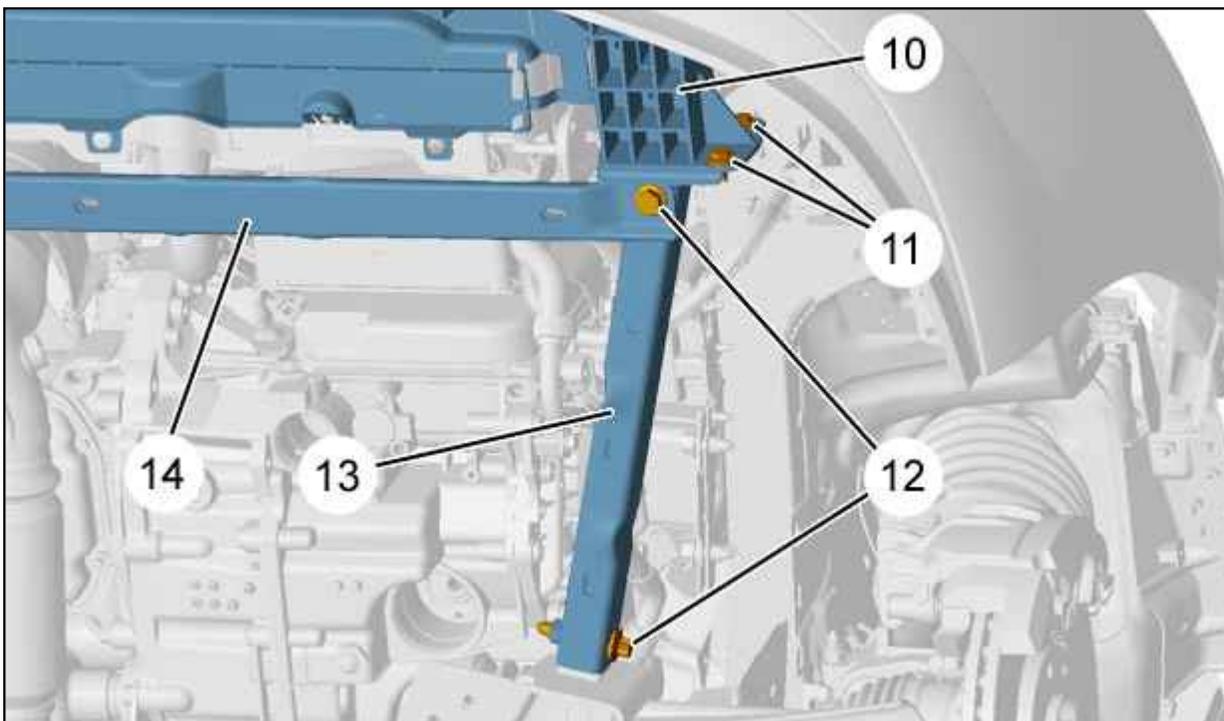


Figure : C4APIWAD

Remove :

- The bolts (11), (12); (on each side)
- The sub-frame front crossmember (14)

Move aside the absorber (10).

Remove :

- The front subframe extensions (13) (on each side)
- The spacer bar

Position a lifting tool to retain the front sub-frame.

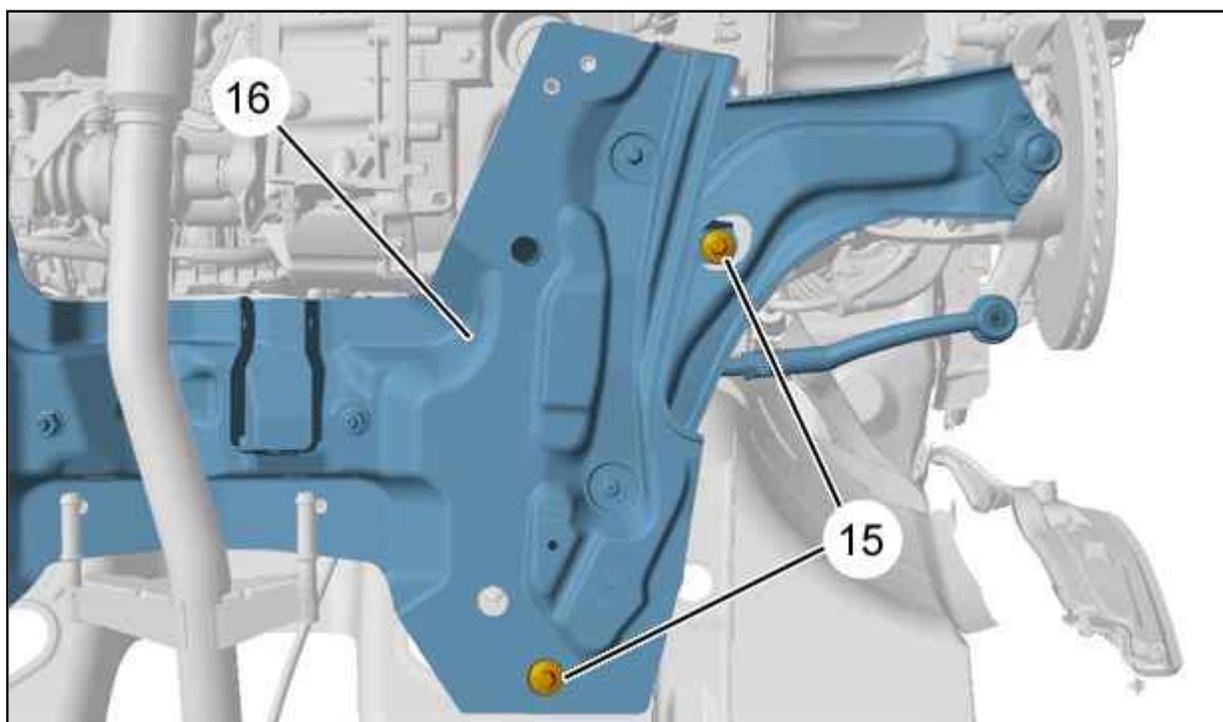


Figure : B3CP0FZD

Remove :

- The bolts (15) (on each side)
- The front subframe (16)

**N.B. :** Support the drive shafts in position to avoid draining the gearbox.

### 3. Refitting

**CAUTION :** Always replace the bolts (15).

**CAUTION :** Adhere to the tightening torques.

Tightening torques :

- **Front suspension** ⓘ
- **Power steering** ⓘ

- **road wheels** ⓘ

Fit :

- The front subframe (16)
- The bolts (15)
- The front subframe extensions (13) (on each side)

Position the absorber (10) on the front subframe front frame.

Fit :

- The bolts (11) (on each side)
- The sub-frame front crossmember (14)
- The bolts (12) ( each side)
- The spacer bar
- The reaction link (9)
- The bolts (8)

Fit : The exhaust hangers (7).

Refit the clip (6).

Reconnect the connectors (at "a").

Couple up : The steering column on the steering mechanism.

Refit screw (4).

Couple up : The pivot lower ball-joint ; Using tool [0622] ( each side).

Fit : The bolt/nut assembly (3) ( each side).

Attach the steering knuckle .

Refit the nut (1).

Couple up : The anti-roll bar link rod .

Refit the nut (2).

Fit :

- The protective panel under the engine
- The front splash shields
- The front wheels

**CAUTION** : Perform the operations to be carried out following reconnection of the battery.

Connect the battery.

Check and adjust the wheel tracking.