

REMOVING - REFITTING : FRONT ANTI -ROLL BAR

URGENT : Observe the safety and cleanliness recommendations ⓘ .

1. Removing

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

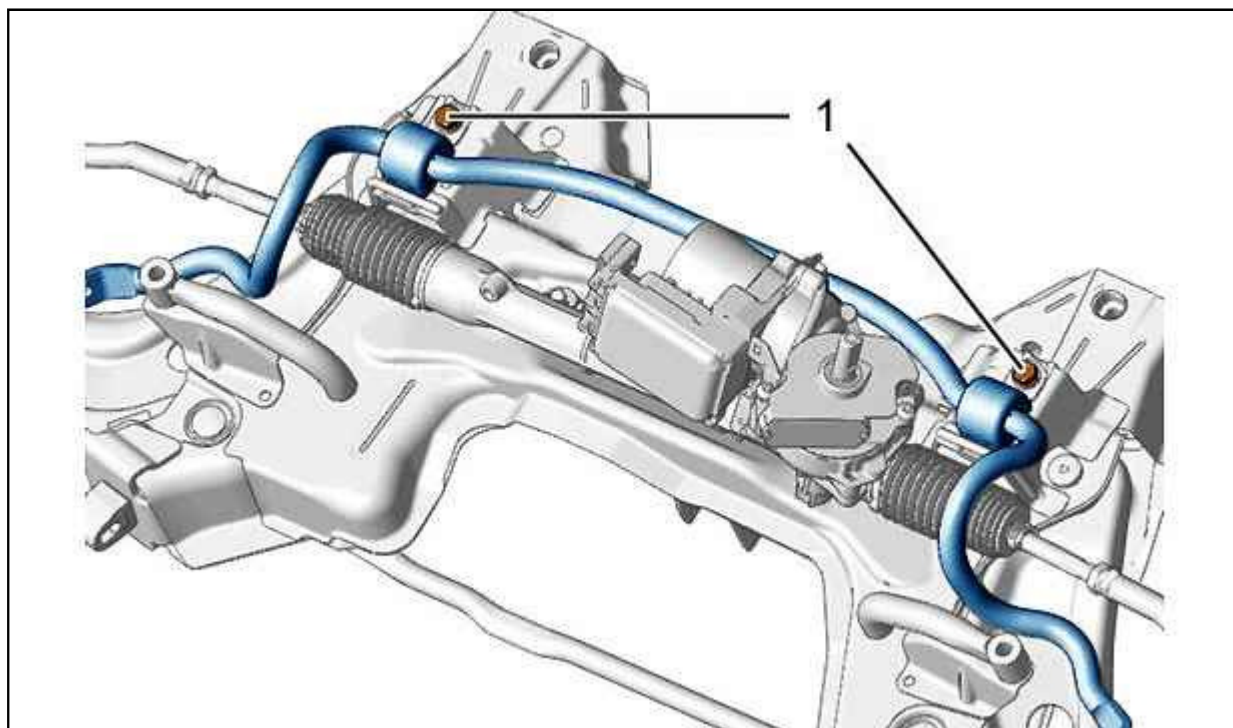


Figure : C4APIUWD

Remove :

- The bolts (1)
- The anti-roll bar/bearings assembly

2. Identification of the bearings

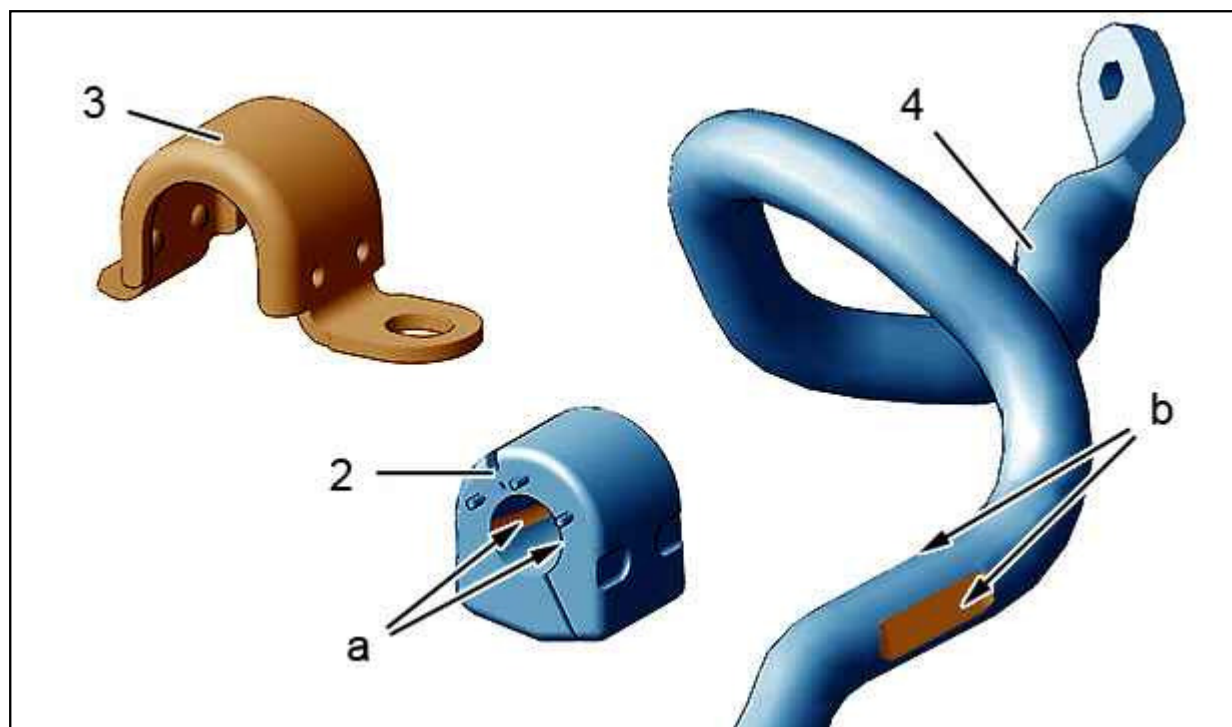


Figure : B3BP1FCD

The anti-roll bar is articulated on the two rubber bearings (2).

Lateral and horizontal positioning is determined by two flat sections (at "a") inside the rubber bearing (2), and by the recesses (at "b") on the anti-roll bar (4).

A flange (3) holds the assembly in place.

3. Removal of the bushes

CAUTION : Do not place the anti-roll bar (4) in direct contact with a metal object or tool.

Secure the anti-roll bar (4) on a bench, in order to remove the flanges (3) and the rubber bearings (2).

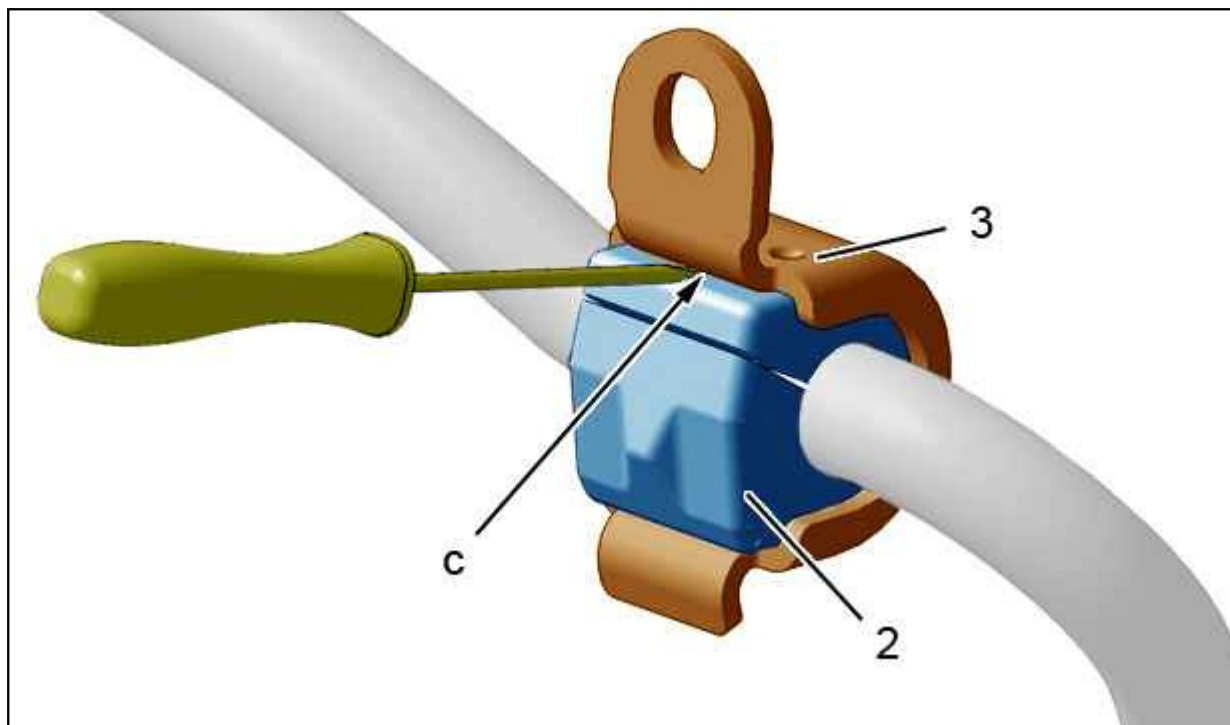


Figure : B3BP1FDD

Disengage the clip (3) using a flat screwdriver as a lever(as "c").

Remove : The rubber bearing (2).

4. Fitting the bearings

CAUTION : Check the condition of the anti-roll bar (4) (absence of signs of knocks, scratches or corrosion pitting) ; The paint coating on the anti-roll bar (4) must not be damaged leaving the metal bare.

Separate and engage the rubber bearing (2).

N.B. : The split in the rubber bearing (2) must be positioned to the rear of the anti-roll bar (4).

Align the interior flat sections (at "a") with the recesses (at "b") on the anti-roll bar (4) (One on each side).

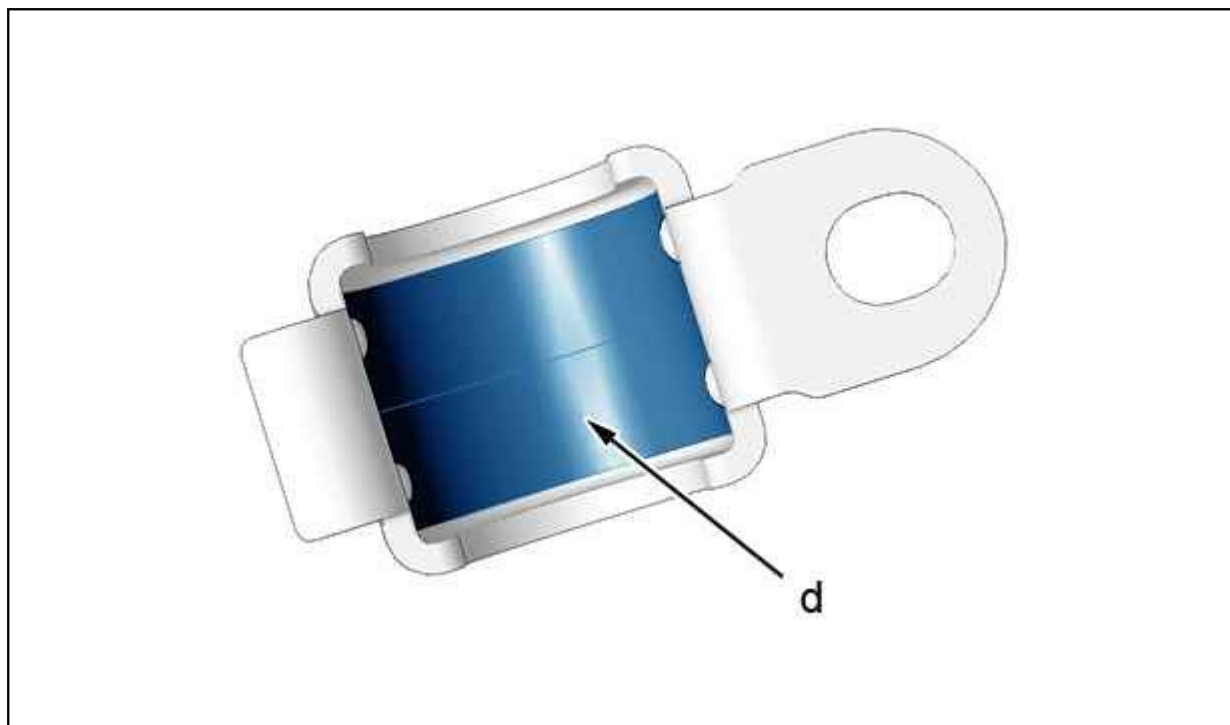


Figure : B3BP1FED

CAUTION : Apply type "REMA PM600" pneumatic assembly paste inside the clip (3) (as "d") ; Do not apply any paste either on the anti-roll bar (4) or inside the rubber bearing (2).

Hold the rubber bearing (2) to prevent any rotation.
Refit the clip (3).

5. Refitting

CAUTION : Adhere to the tightening torques.

Tightening torques :

- **road wheels** ⓘ
- **Front suspension** ⓘ

Refit the anti-roll bar (4) along with the rubber bearings (2) and the flanges (3).

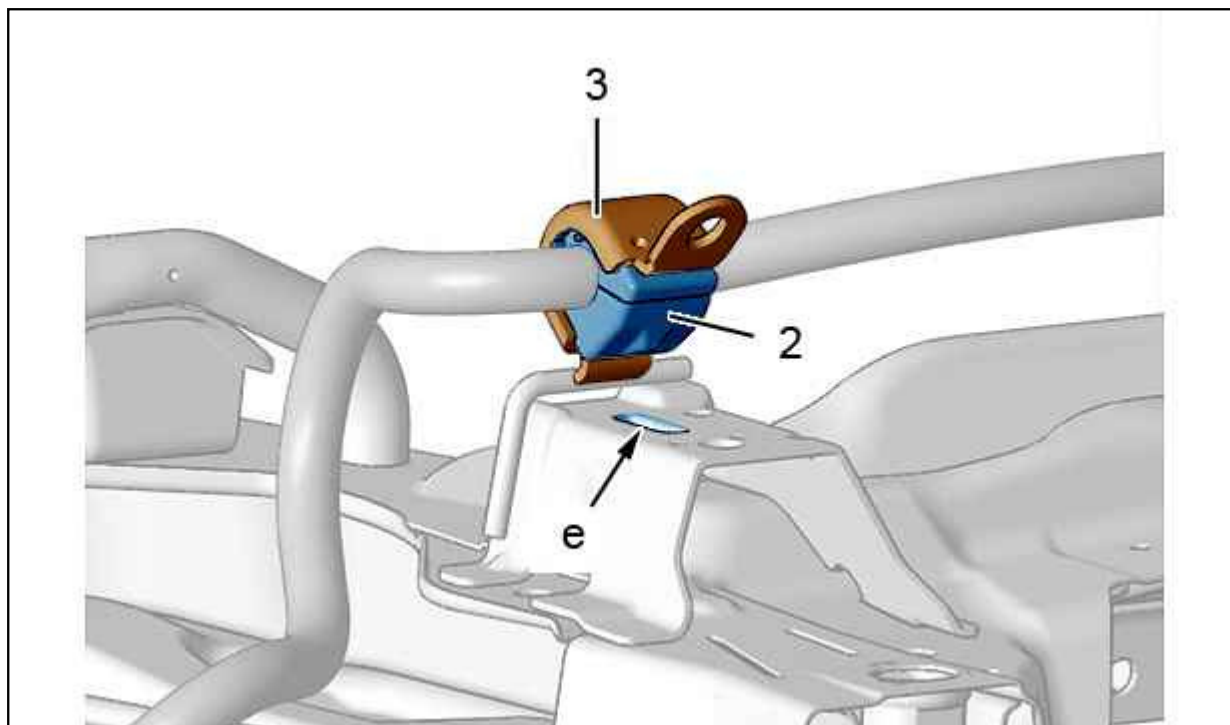


Figure : B3BP1FFD

N.B. : To guarantee that the rubber bearings (2) are aligned, these must be positioned at "e".

CAUTION : Observe the 592 mm bearing centreline distance.

Refit and tighten the screws (1).
Check the position of the clip (3) in the hooks of the sub-frame .
Refit the front subframe.