

IDENTIFICATION - DATA - TIGHTENING TORQUES : FRONT SUSPENSION

1. Identification

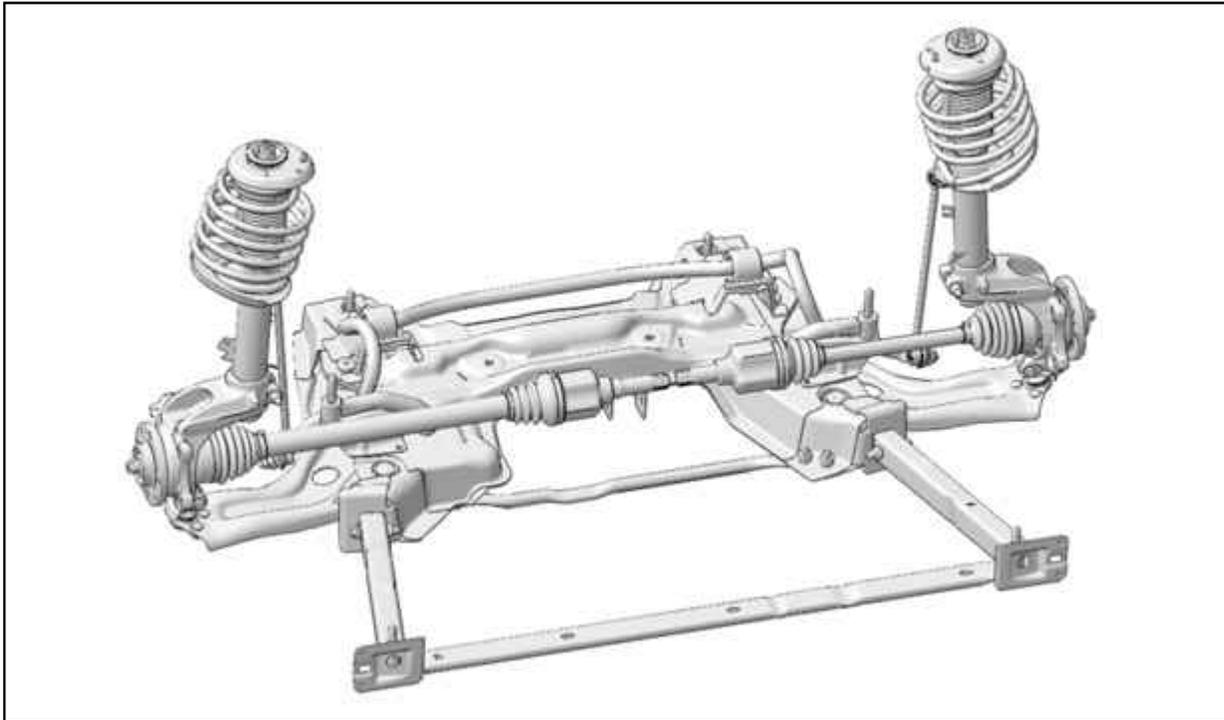


Figure : B3CP0BPD

2. Data

2.1. Front subframe

Joint welded and painted front sub-frame.
Front sub-frame positioned by indexing on body.
Front sub-frame fitted with a crumple bar.

2.2. Pivot

"pinch" type pivot.
Hub carrier bearing with double row of balls, with integrated magnetic wheel (48 pairs of poles).
Bearing diameter : 72 mm or 82 mm.

2.3. bottom ball-joint clamp

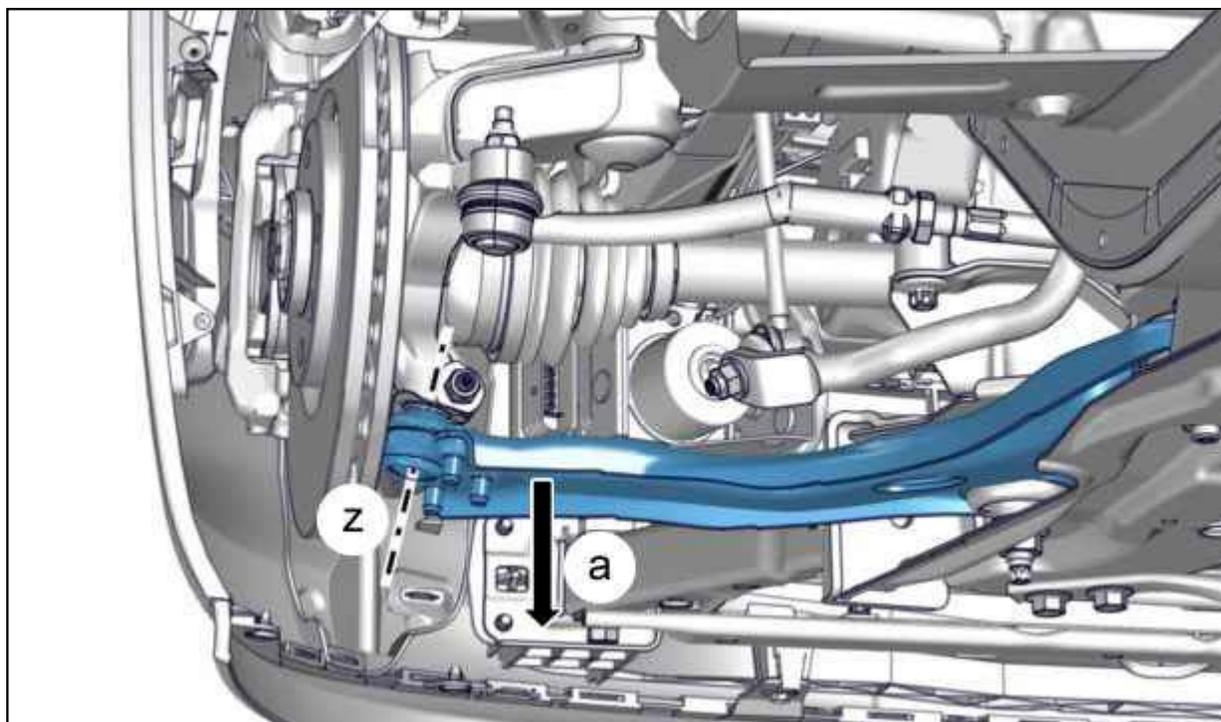


Figure : B3CB00GD

The play in the pivot lower ball-joint, in the axis "z", should be less than or equal to 0,2 mm under a load of 20 kg  (in direction "a").

2.4. Suspension strut

Front axle with independent wheels, of the pseudo type MAC PHERSON.

Suspension lower arm made of steel.

Hub carrier ball joint riveted onto the lower suspension arm .

Lower suspension arm front and rear hinged joint with vertical shaft.

2.5. Front anti-roll bar

Shape	engines	Diameter	Colour identification
saloon	TU3A - ET3J4 - DV4TD - EP3 - EP3C - DV4C	20 mm	White
saloon	TU5JP4 - DV6ATED4 - DV6TED4 - DV6C - DV6DEP6DT - EP6 - EP6C	21 mm	Green
Coupe cabriolet	EP6 (with manual gearbox) - EP6C (with manual gearbox)		
saloon	EP6DTS	22 mm	orange
estate	All types except EP6DTS and EP6DTE		
Coupe cabriolet	DV6C - EP6DT - DV6TED4 - EP6 (with automatic gearbox) - EP6C (with automatic gearbox)	23 mm	violet
estate	EP6DTS - EP6DTE		
manual gearbox : Manual gearbox automatic gearbox : automatic gearbox			

3. Tightening torques

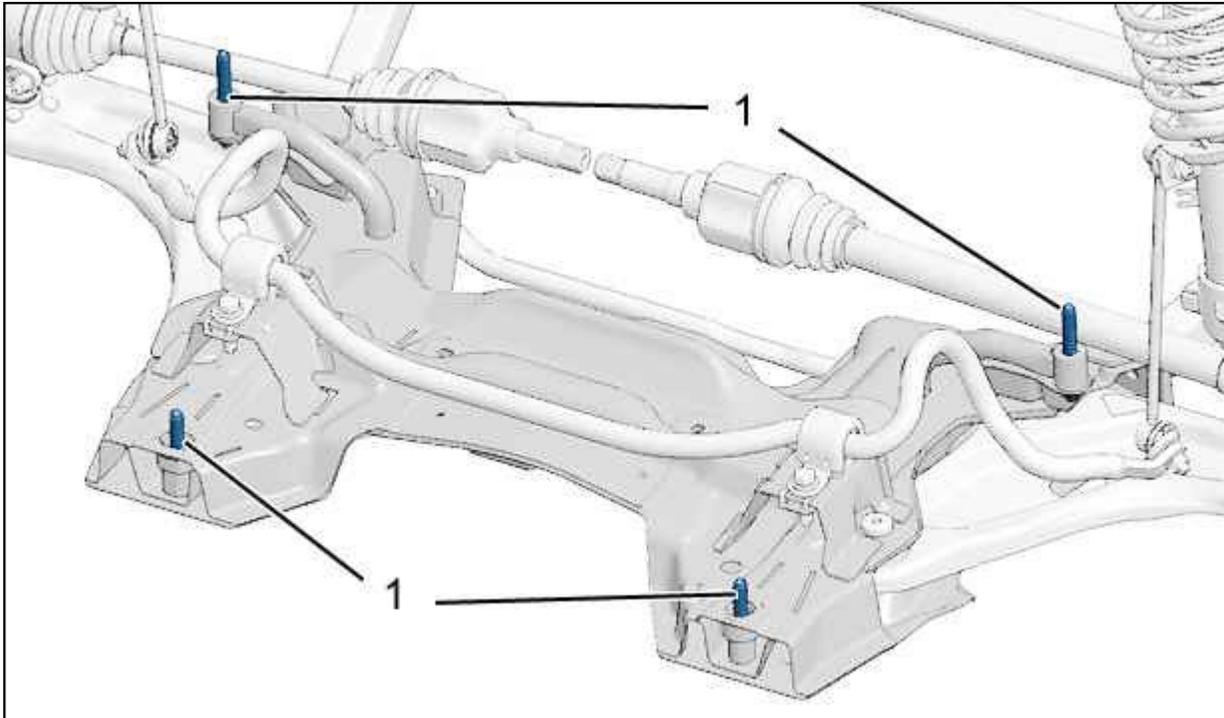


Figure : B3CP0F5D

CAUTION : Always replace the sub-frame fixing bolts (1) every time they are removed.

Reference	Designation	Tightening torque
(1)	Fixing bolts of the subframe on the body	8 daNm

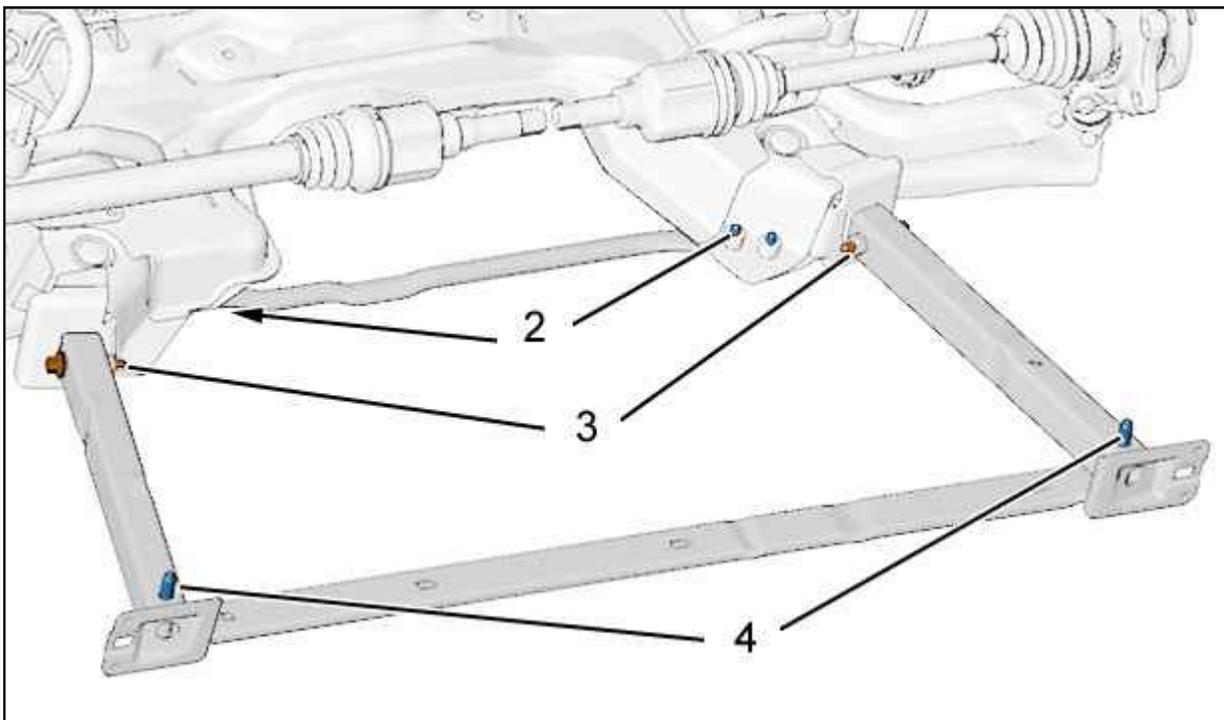


Figure : B3CP0F6D

Reference	Designation	Tightening torque
(2)	Tie bar screw	7,5 daNm
(3)	Extension bolt	9,5 daNm
(4)	Crossmember bolt	9,5 daNm

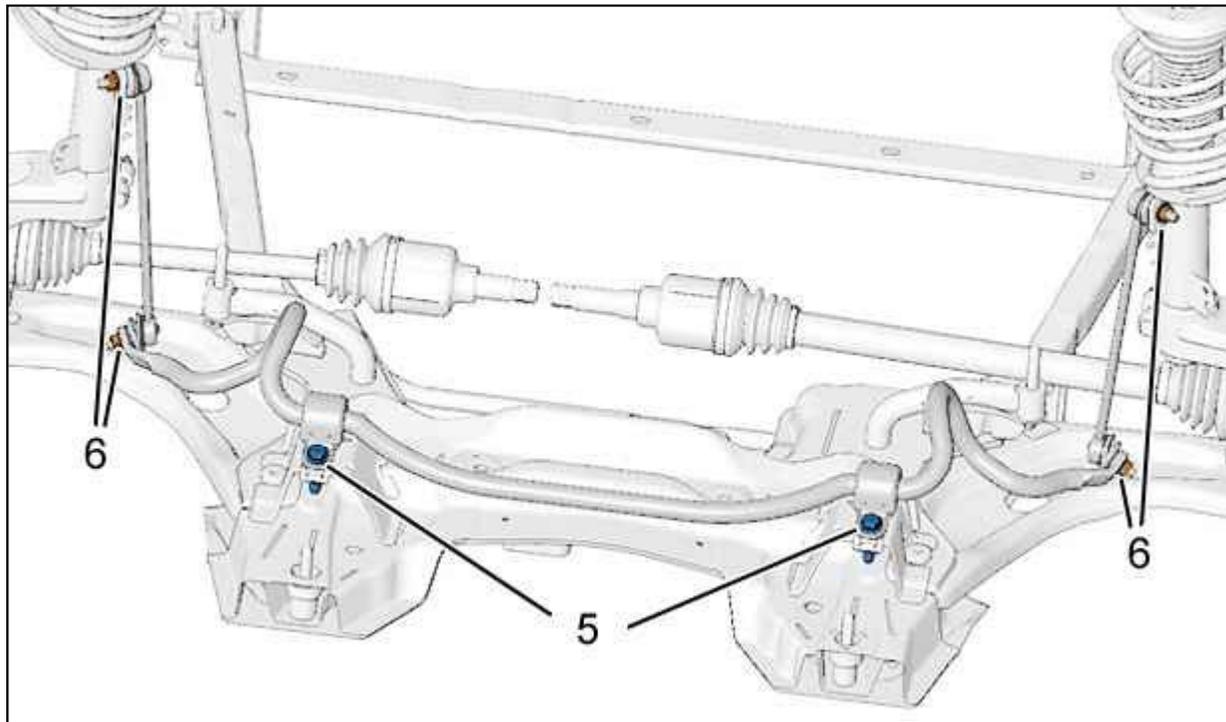


Figure : B3CP0F7D

Reference	Designation	Tightening torque
(5)	Anti-roll bar bearing fixing	7,5 daNm
(6)	anti-roll bar link rod	5 daNm

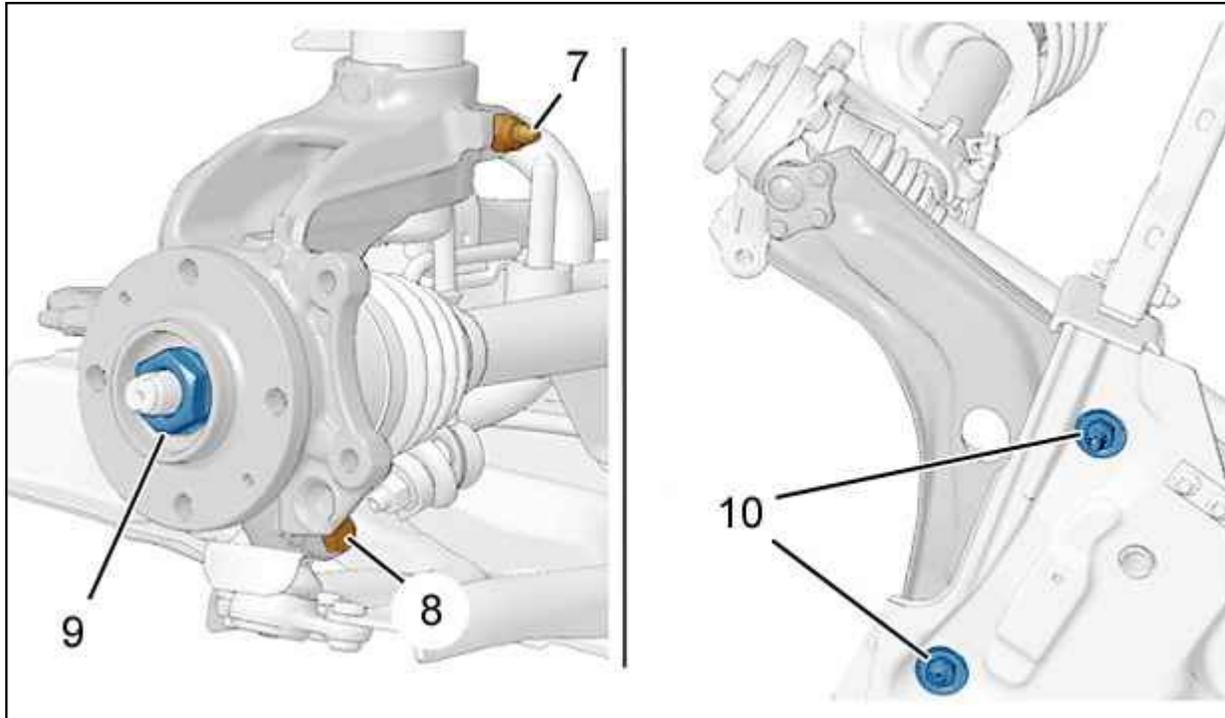


Figure : B3CP0F8D

CAUTION : Always replace the suspension arm nuts (10) every time they are removed.

Reference	Designation	Tightening torque
(7)	pivot to suspension leg clamp	5,4 daNm
(8)	Pivot lower ball-joint fixing	4 daNm
(9)	Hub nut (Hub bearing diameter 72 mm)	24,5 daNm
	Hub nut (Hub bearing diameter 82 mm)	32,5 daNm
(10)	Lower suspension arm front and rear hinged joint fixings(Up to RPO 12543)	11 daNm
	Lower suspension arm front and rear hinged joint fixings(From RPO 12544)	12 daNm

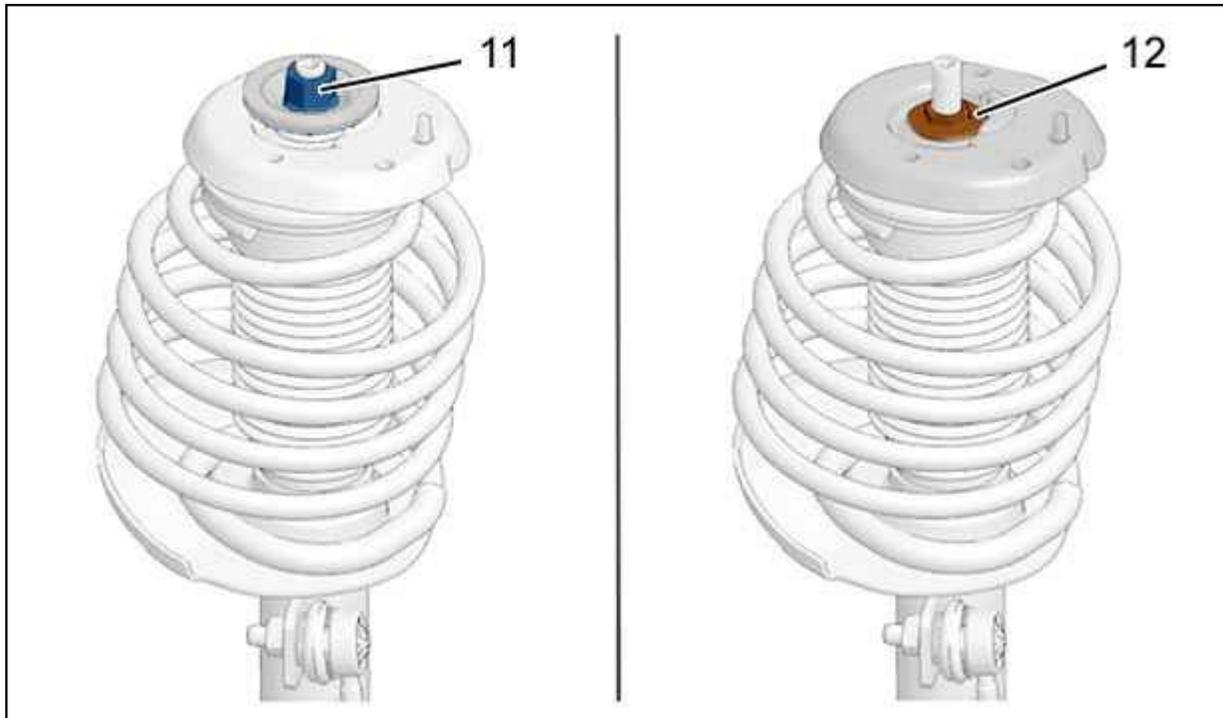


Figure : B3BP1GBD

Reference	Designation	Tightening torque
(11)	Strut fastener to body	7,5 daNm
(12)	suspension strut nut	7,5 daNm