

REMOVING - REFITTING : ABS ECU

WITHOUT ELECTRONIC STABILITY PROGRAM AND WITH ABS BRAKES

URGENT : Observe the safety and cleanliness recommendations.

1. Removing

Lift and support the vehicle (Use a wheel free lift).

Disconnect the battery.

Remove :

- The front left-hand wheel
- The protective panel under the engine
- The front LH splash-shield

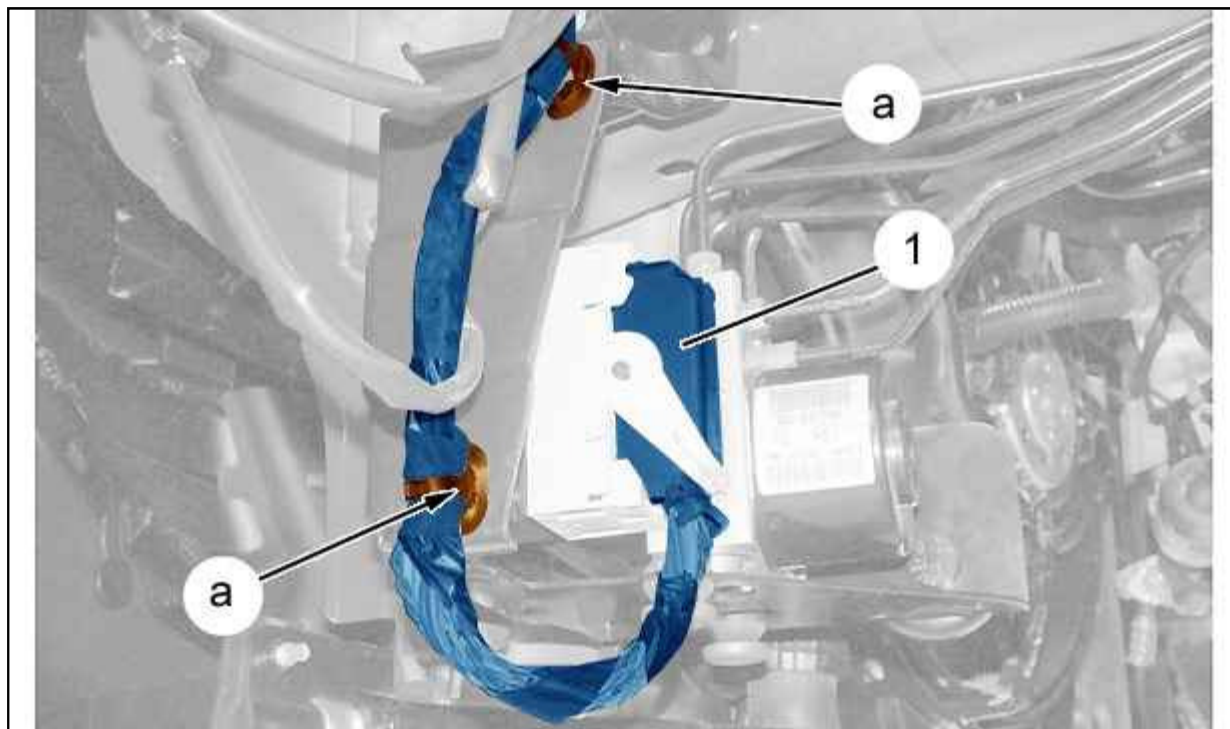


Figure : B3FM07WD

Remove : The ABS ECU connector cover.

Disconnect the connector (1) .

Unclip the harness (as "a") .

Release the harness .

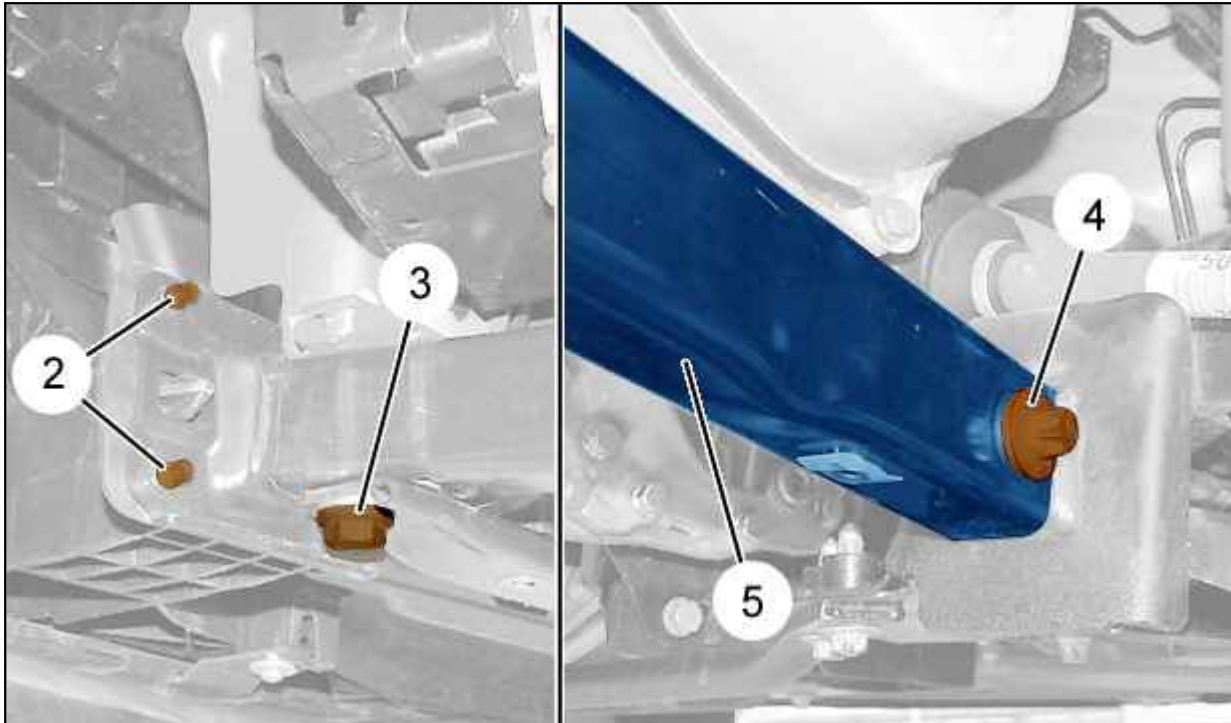


Figure : B3FM07XD

Remove :

- The bolts (2)
- The bolt (3)
- The bolt (4)
- The subframe extension (5)

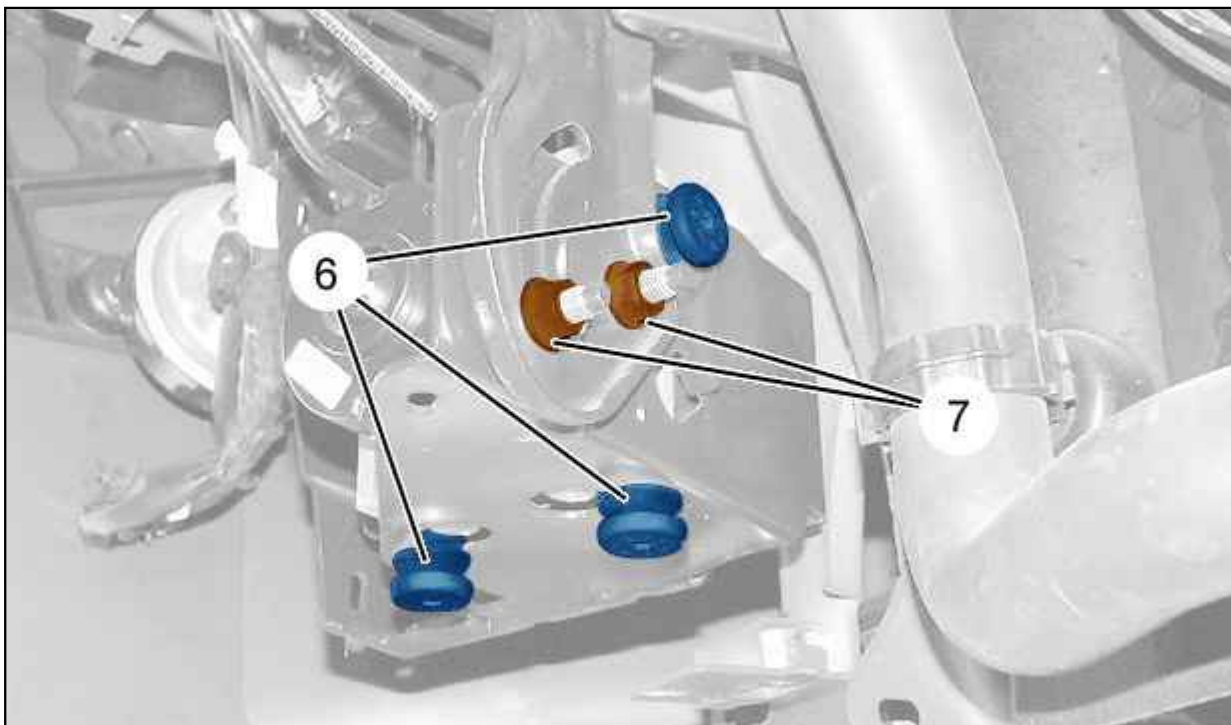


Figure : B3FM07YD

Remove :

- The ABS hydraulic valve block fixing screws (6)
- The ABS hydraulic block support fixing nuts (7)

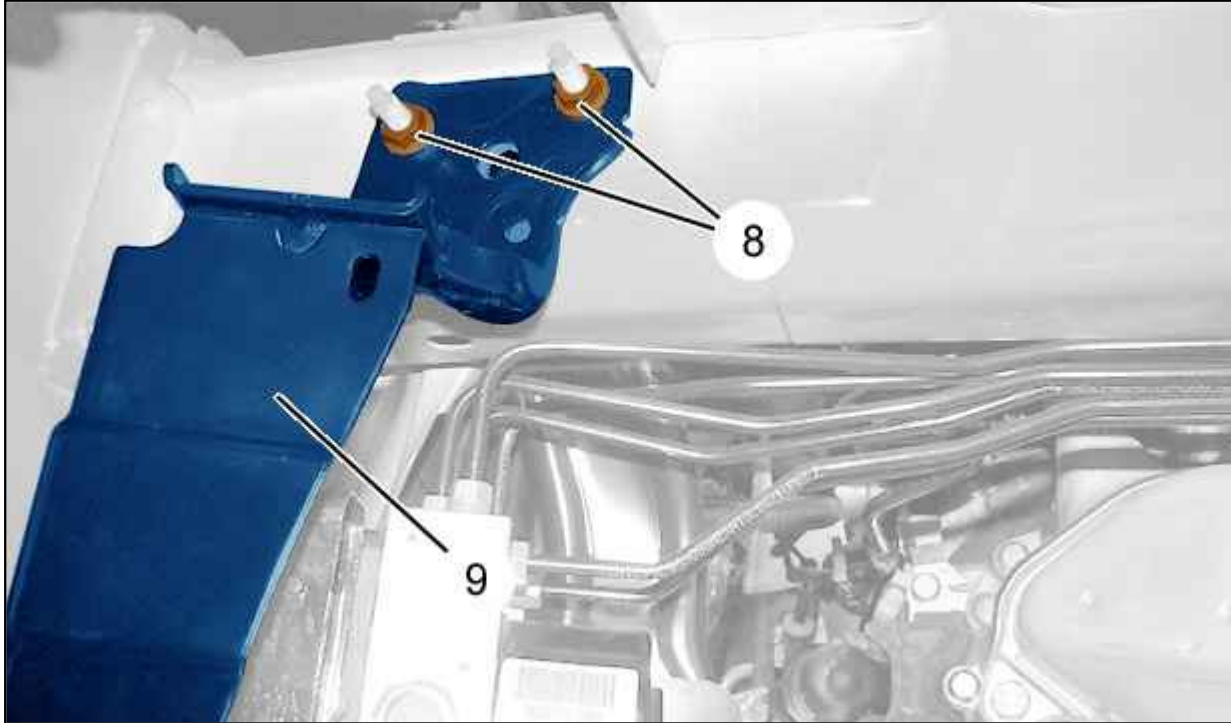


Figure : B3FM07ZD

Remove :

- The ABS hydraulic block support fixing nuts (8)
- The bracket (9)

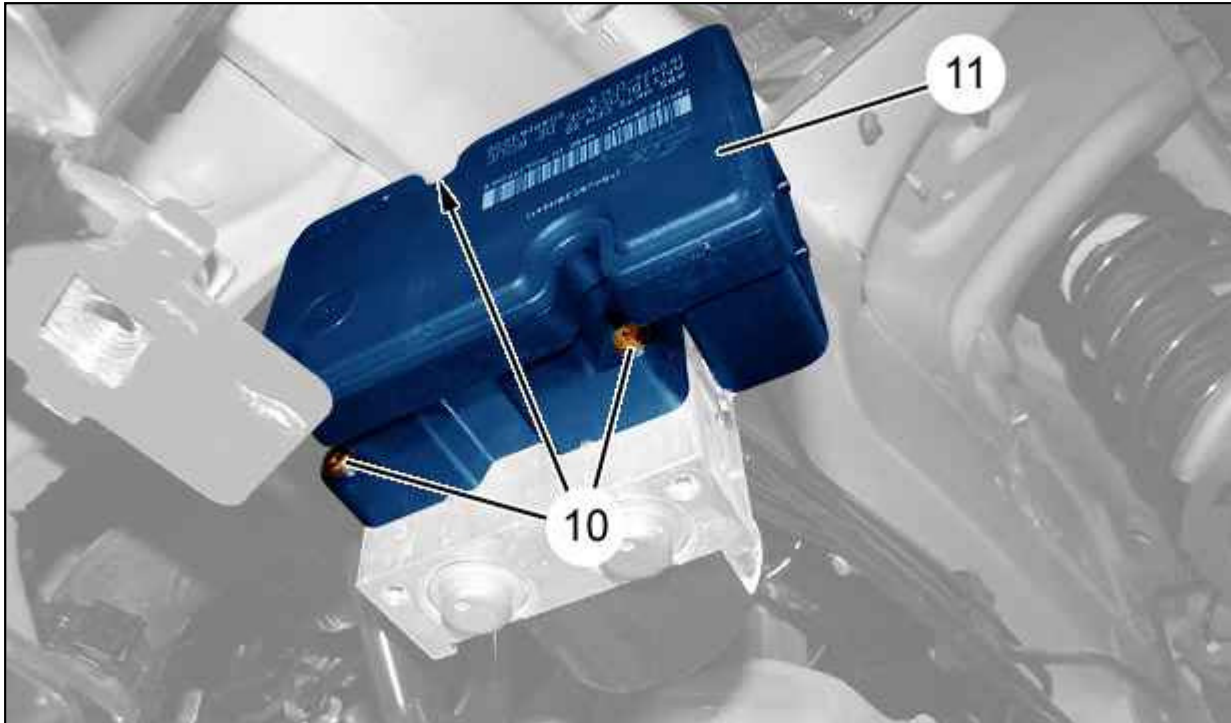


Figure : B3FM080D

Remove :

- The ABS ECU fixing bolts (10)
- The ABS ECU (11)

2. Refitting

CAUTION : The hydraulic block bearing surface must be perfectly clean and dry.

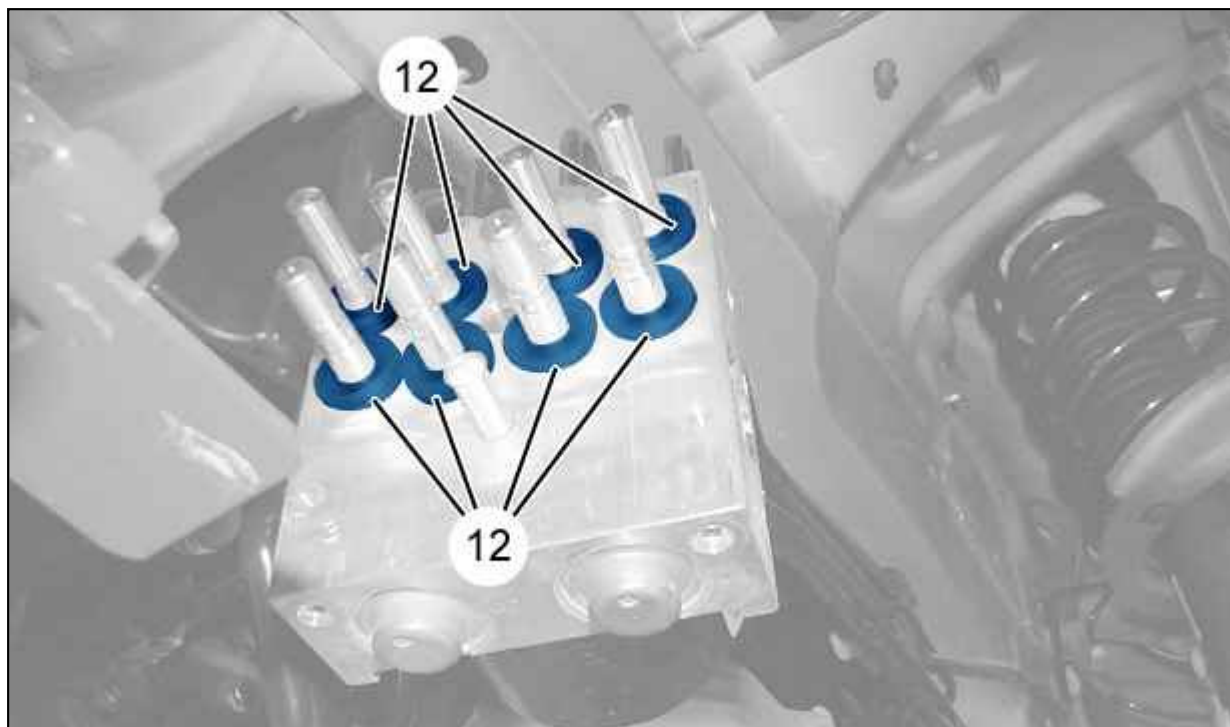


Figure : B3FM081D

URGENT : Replace the 8 seals (12) and the bolts (10) supplied with the new ECU.

Fit :

- The ABS ECU (11)
- The bolts (10) (new) ; Tighten to $0,24 \pm 0,04$ daN.m
- The bracket (9)
- The nuts (8) and (7) ; Tighten to $1,5 \pm 0,3$ daN.m
- The bolts (6) ; Tighten to $0,6 \pm 0,1$ daN.m
- The extension (5)
- The bolt (4) ; Tighten to $9,5 \pm 1,4$ daN.m
- The bolt (3) ; Tighten to $9,5 \pm 1,4$ daN.m
- The bolts (2)

Re-connect the connector (1) .

Clip the harness (as "a").

Fit : The ABS ECU connector cover.

Fit :

- The front LH splash-shield
- The protective panel under the engine
- The front left-hand wheel

Connect the battery.

Read the fault codes.

Road test the vehicle.

Read the fault codes.