

## REMOVING - REFITTING : HYDRAULIC VALVE BLOCK (ABS/ESP)

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

### 1. Tooling

A brake pedal depressor.  
A diagnostic tool.

### 2. Removing

Place the vehicle on a two-post ramp.

Disconnect the battery.

Place the pedal press on the brake pedal to prevent any flow of brake fluid when the brake hoses are uncoupled.

Remove :

- The front left-hand wheel
- The front LH splash-shield

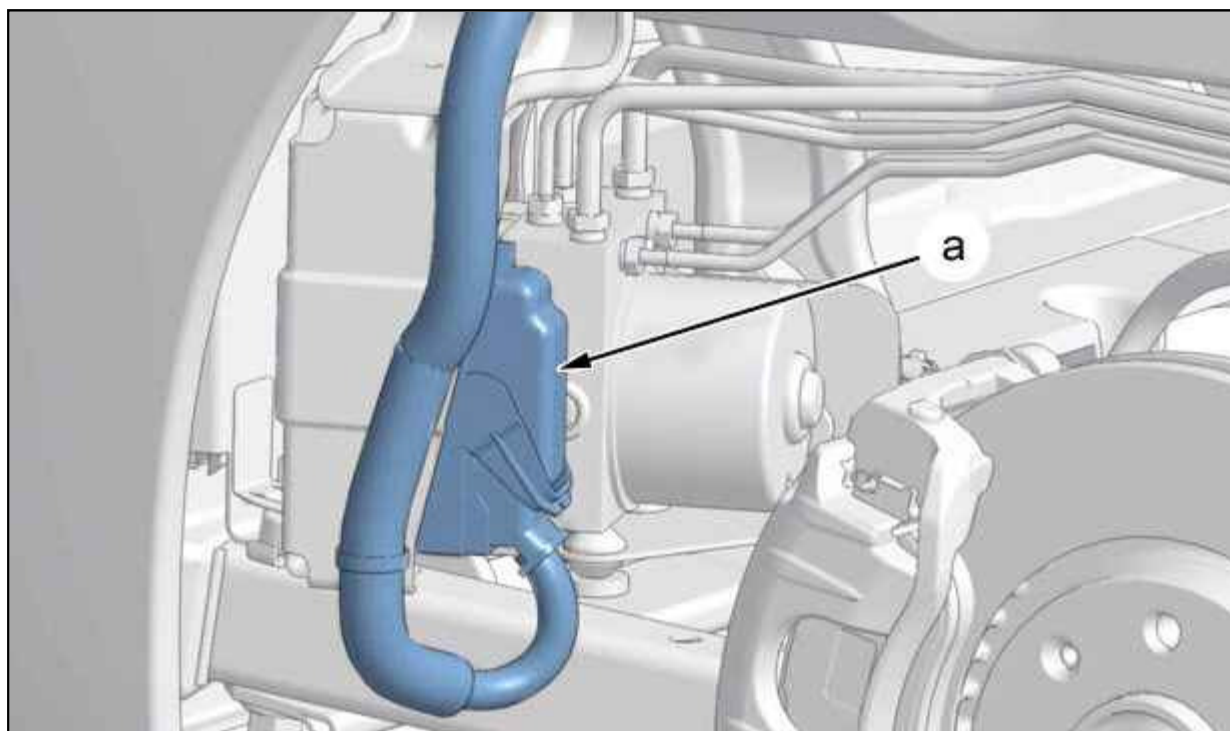


Figure : B3FP7KCD

Disconnect the connector "a".  
Move aside the harness .

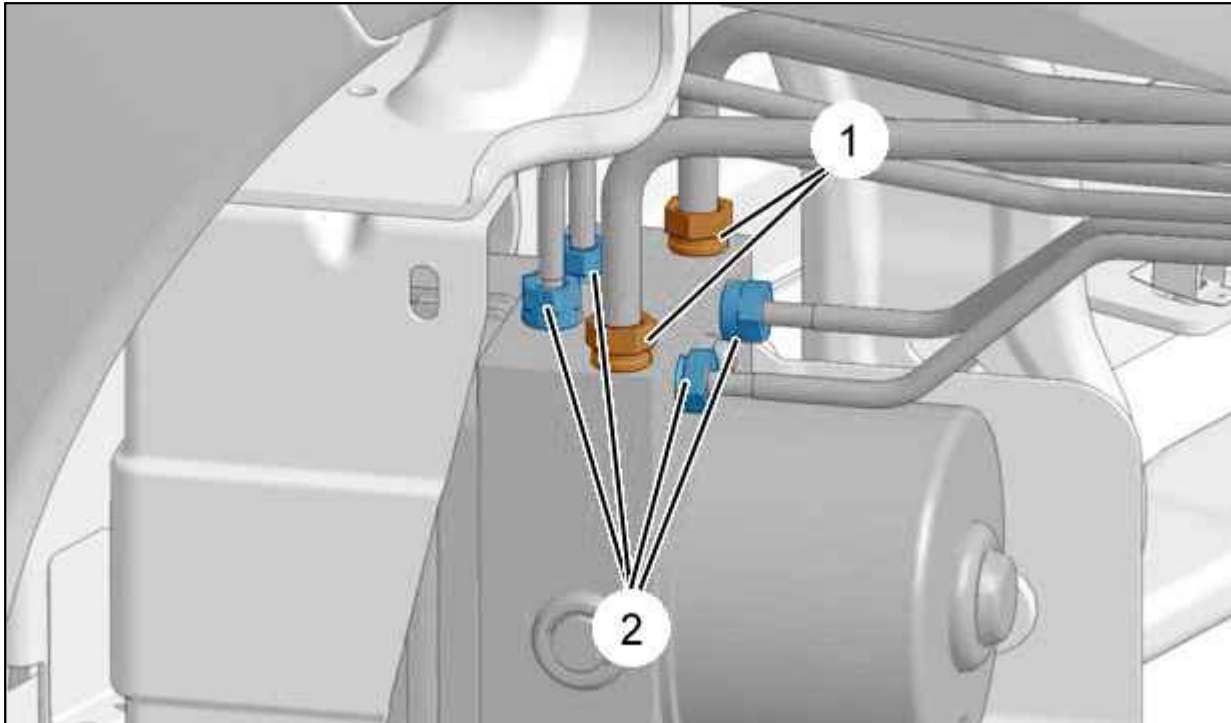


Figure : B3FP7KDD

Release the unions (1), (2) (Prepare for the flow of brake fluid).

**URGENT** : Plug the inlets and outlets of the hydraulic block to prevent any entry of foreign bodies.

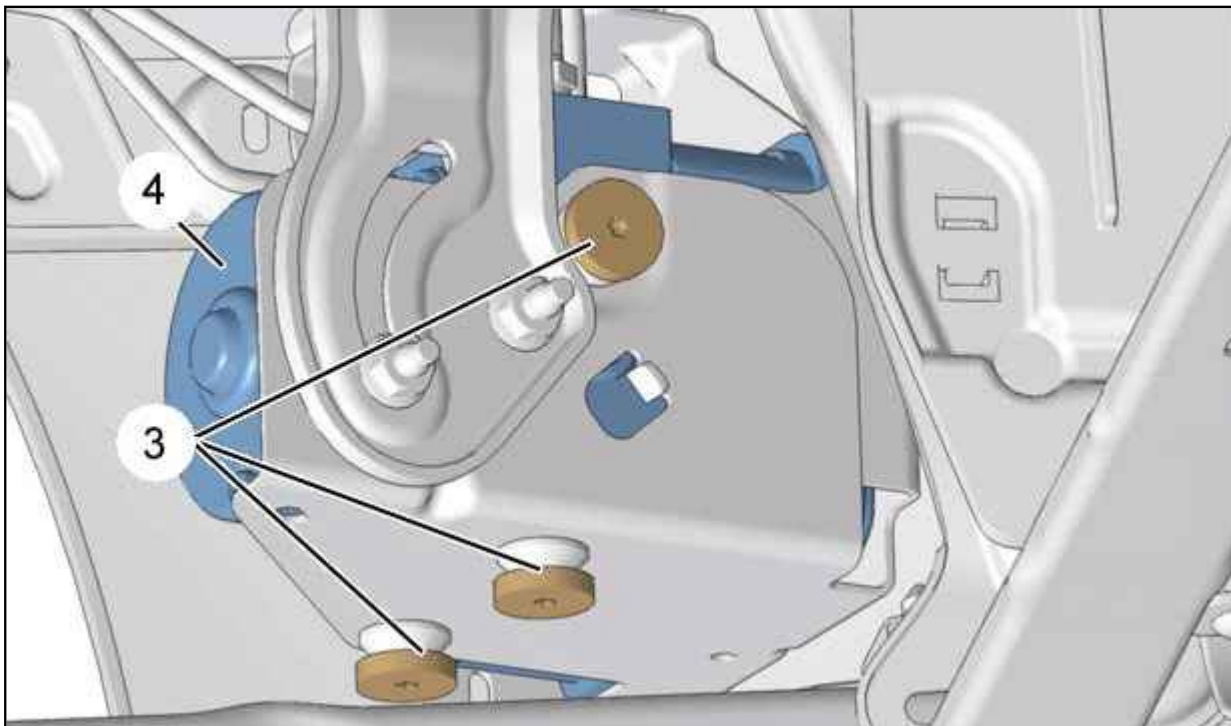


Figure : B3FP7KED

Remove :

- The bolts (3)
- Uncouple the connectors (1), (2)
- The hydraulic valve block (4)

### 3. Refitting

**URGENT** : Do not remove the plugs from the brake cylinder connection openings until the brake hoses are to be fitted.

**N.B.** : The hydraulic block is supplied full of brake fluid .

Position the hydraulic valve block (4).  
Refit the bolts (3) ; Tighten to 0,6 daN.m.

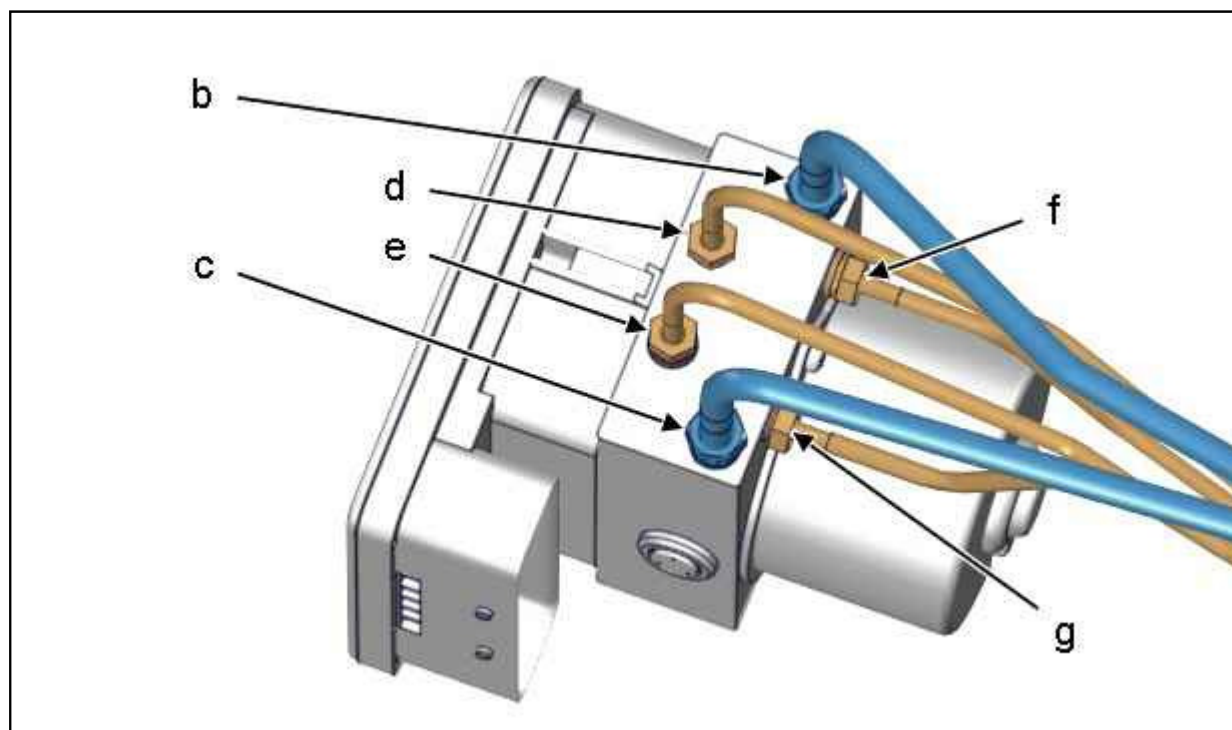


Figure : D2AM02RD

Take care with the positioning of the pipes :

- Supply pipe (Primary circuit) ( as "b" ) ; union M12
- Supply pipe (Secondary circuit) ( as "c" ) ; union M12
- Pipes (Front RH) ( as "d" ) ; union M10
- Pipes (Left hand front) ( as "e" ) ; union M12
- Pipes (Left hand rear) ( as "f" ) ; union M12
- Pipes (Rear right hand side) ( as "g" ) ; union M10

Couple up :

- The unions (2) ; Tightening torque to 1,5 da.Nm
- The unions (1) ; Tightening torque to 1,5 da.Nm

**CAUTION** : Grease the connector "a" using type "TOTAL M4128" grease before refitting.

Connect the connector "a".

**Bleed the brake system**  .

Fit :

- The front LH splash-shield
- The front left-hand wheel

Road test.

Read the fault codes.