

## REMOVING - REFITTING : ALTERNATOR

### 1. Removing

Place the vehicle on a two-post ramp.  
Switch off the ignition.

**N.B. :** After the ignition has been switched off : Wait 15 minutes before disconnecting the battery to ensure that the programmed values of the various ECUs are stored.

Disconnect the battery.

Remove :

- The protective panel under the engine
- The right wheel arch

**Remove the accessories drive belt ( / )** .

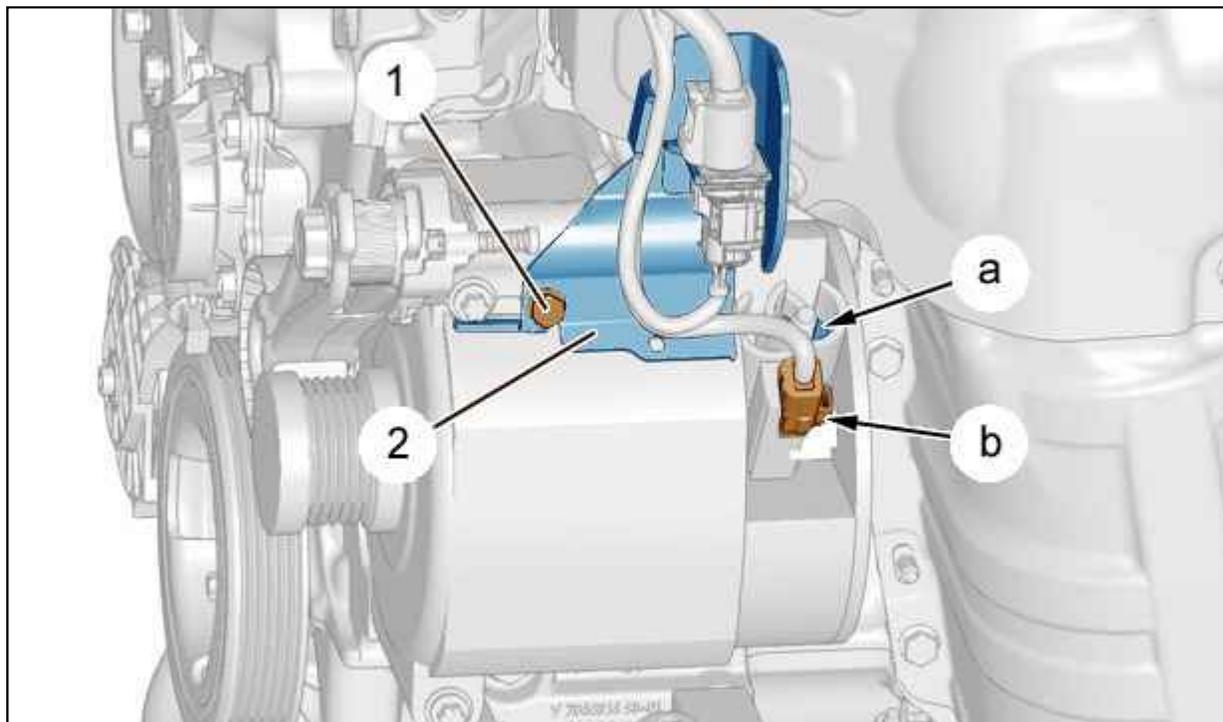


Figure : D1AM00PD

Remove :

- The (1) bolt ( / )
- The bracket (2)

Unplug : Alternator power supply( as "a").

Disconnect the connector ( as "b").

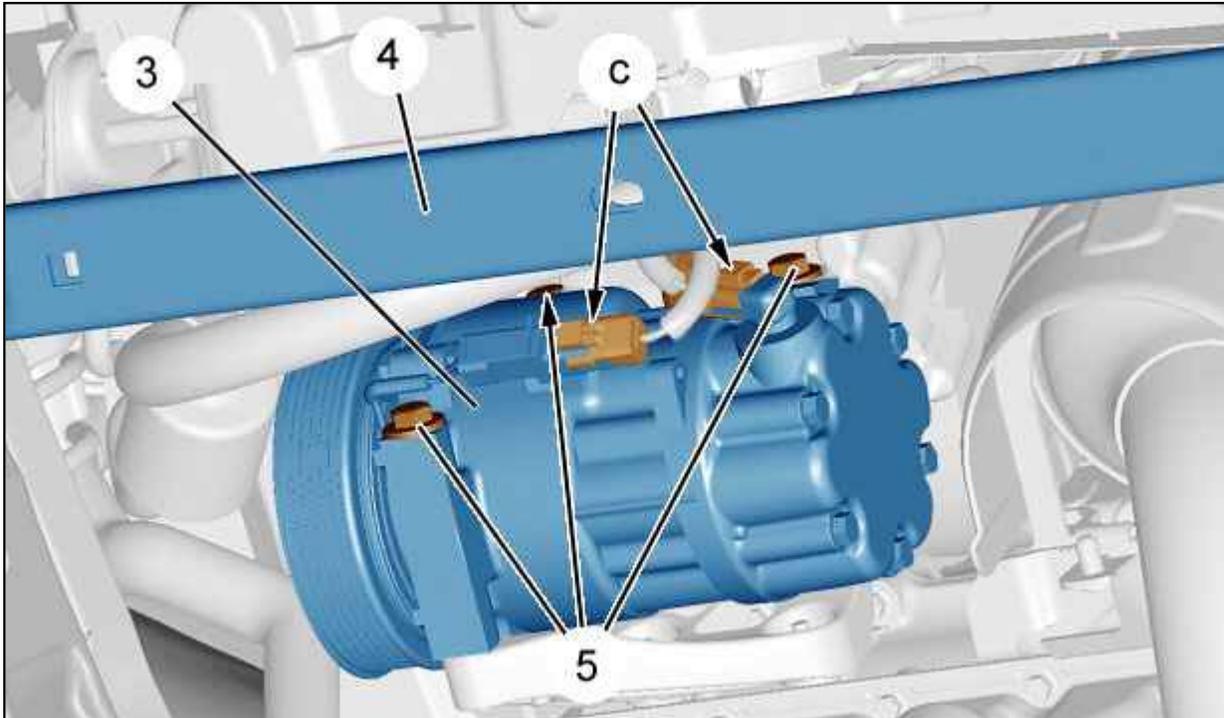


Figure : D1AM00QD

Disconnect the air conditioning compressor (3) connectors ( as "c").

Remove :

- The sub-frame front crossmember (4)
- The bolts (5)

Move aside and clamp the air conditioning compressor (3) (Without opening the cooling circuit).

**CAUTION** : Take care not to distort the pipes .

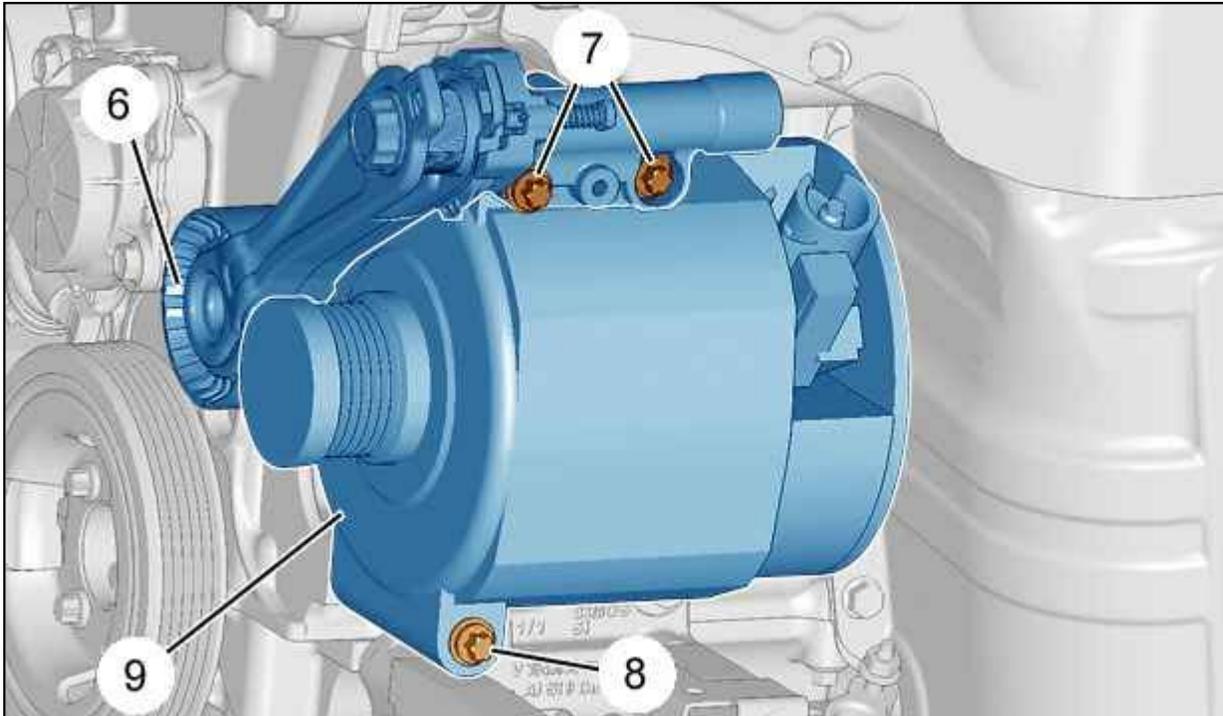


Figure : D1AM00RD

Remove :

- The bolts (7)
- The dynamic roller tensioner (6)
- The bolt (8)
- The alternator (9)

## 2. Refitting

Proceed in the reverse order to removal.

Fit :

- The alternator (9)
- The bolt (8) ; Tighten to the specified torque
- The dynamic roller tensioner (6)
- The bolts (7) ; Tighten to the specified torque
- The air-conditioning compressor (3)
- The bolts (5) ; Tighten to the specified torque
- The sub-frame front crossmember (4)
- **The accessories drive belt (/) ⓘ**

Connect the air conditioning compressor (3) connectors ( as "c").

Fit :

- The bracket (2)
- The (1) bolt (/)

Reconnect : Alternator power supply ( as "a").

Reconnect the connector ( as "b").

Fit :

- The protective panel under the engine
- The right wheel arch

Connect the battery.