

## REMOVING - REFITTING : ANCILLARY DRIVE BELT (/)

### 1. Presentation

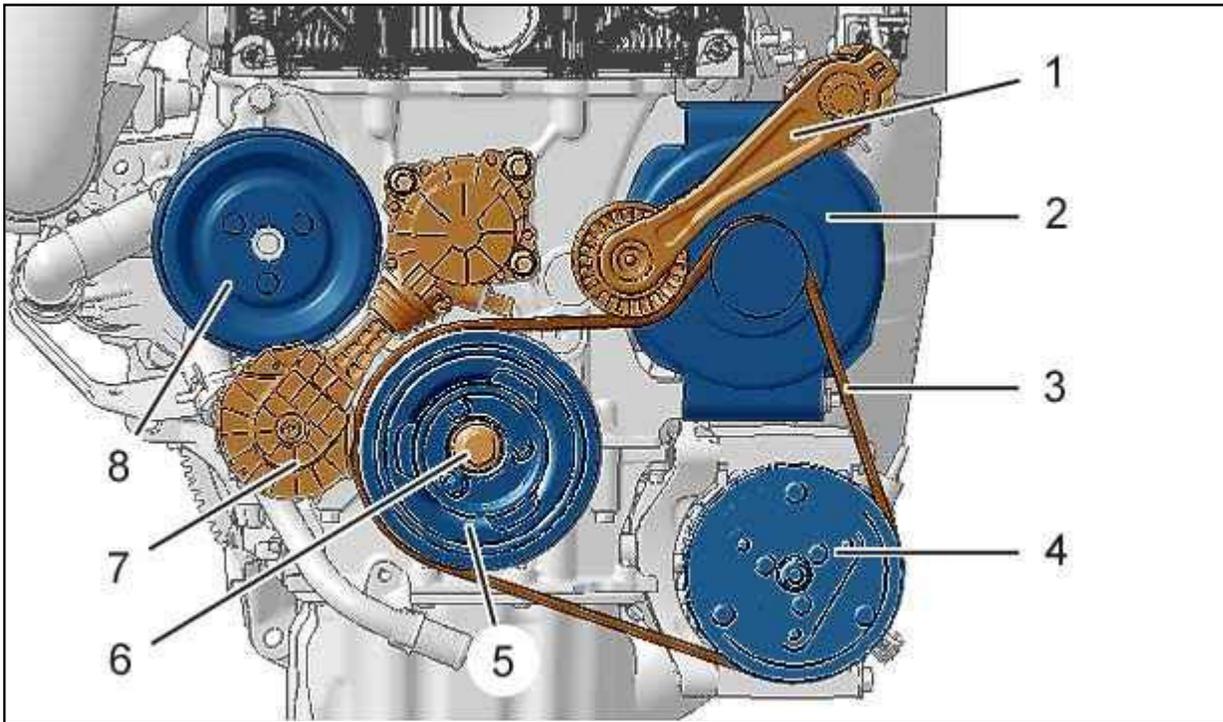


Figure : B1BPSEVD

- (1) Dynamic tensioner.
- (2) Alternator .
- (3) Ancillary drive belt (/).
- (4) Air conditioning compressor .
- (5) Ancillary drive pulley on crankshaft.
- (6) Crankshaft pulley hub fixing bolt .
- (7) Coolant pump drive friction wheel.
- (8) Water pump pulley .

### 2. Removing

**CAUTION** : No anticlockwise rotation action must be applied by means of the crankshaft pulley hub fixing bolt (6) (Risk of de-setting the timing).

**CAUTION** : Mark the direction of rotation of the elastic auxiliary drive belt if it is to be reused.

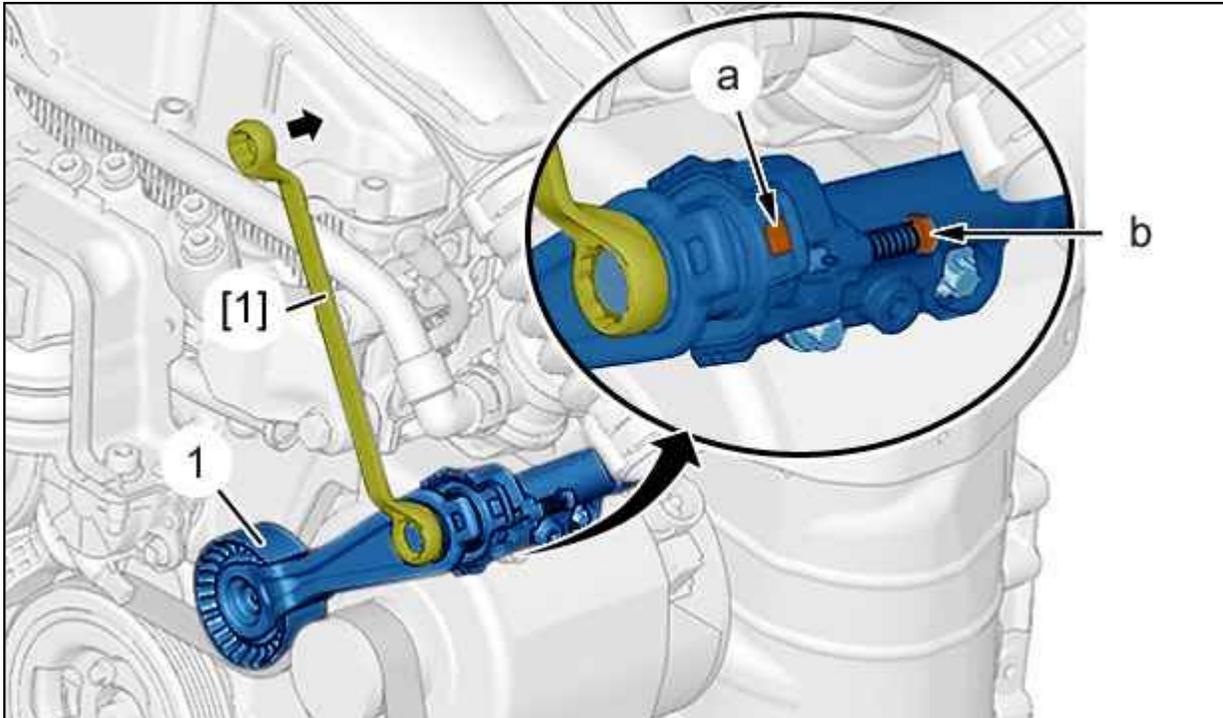


Figure : B1BPSEWD

Turn the dynamic tensioner (1) clockwise, until the notch "a" is aligned with the pin "b" ; Using a 21/23 mm counter-offset spanner.

Press on the pin "b" to the stop, release :

- The 21/23 mm counter-offset spanner
- The peg ["b"]

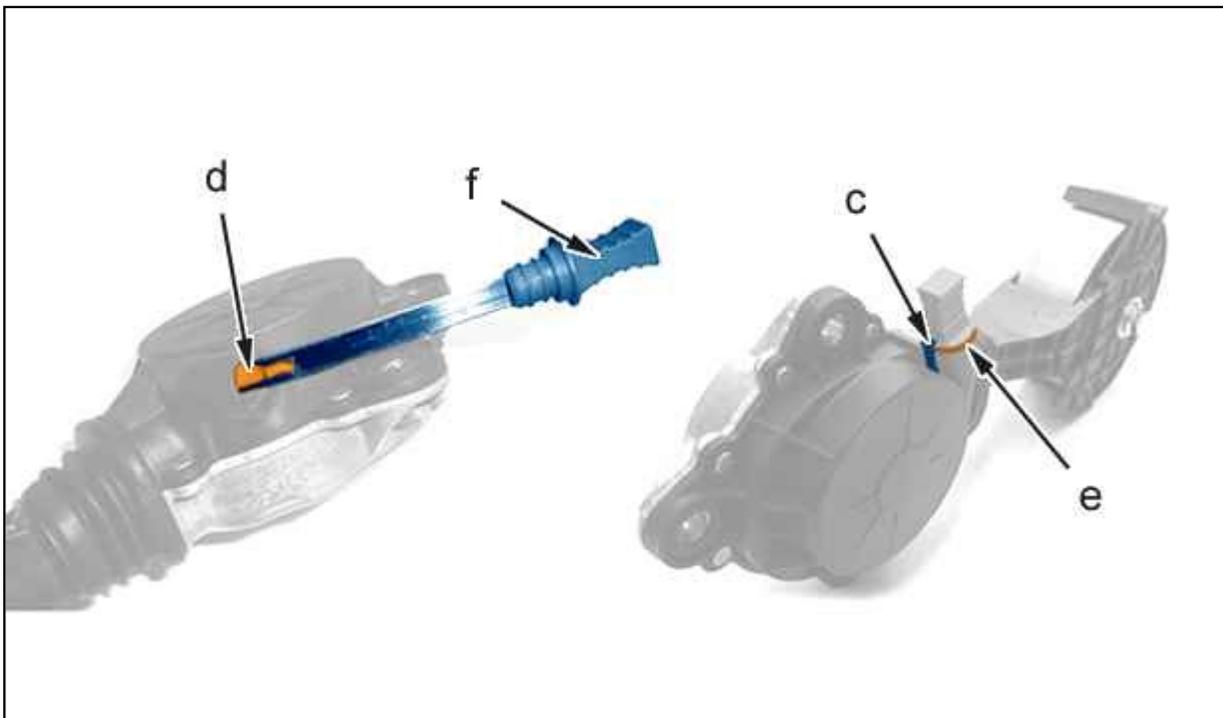


Figure : B1BPSEXD

"c" Position maintaining pin.

"d" Friction wheel unlocking position notch (Operating mode).

"e" Friction wheel locking position.

"f" Tab .

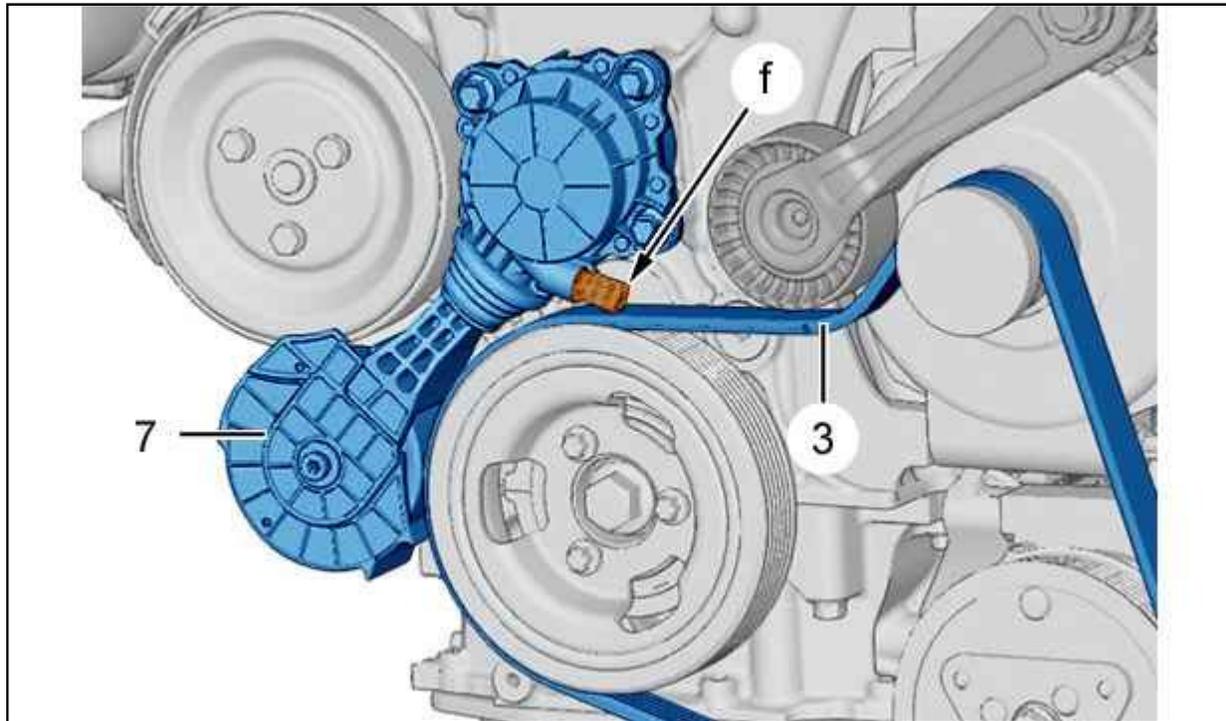


Figure : B1BPSEYD

Pull on the tab "f" until the pin "c" is aligned with the notch "d".

Raise the tab "f" until the notch "d" engages on the pin "c" ; Release the tab "f" for immobilisation to keep the coolant pump inlet friction wheel (7) unlocked.

Remove the accessories drive belt (3).

**CAUTION :** Check that the roller of the dynamic tensioner (1) and the coolant pump drive friction wheel (7) rotate freely (Absence of play and points of resistance).

### 3. Refitting

**CAUTION :** When reusing the belt, refit it in accordance with the direction of rotation marked on removal.

Fit the ancillary drive belt, starting with the crankshaft pulley (5).

Release the coolant pump inlet friction wheel (7) by pulling the tab "f".

Release the tab "f".

Reposition the tab "f" in its location.

Act on the dynamic tensioner (1) so that the pin "b" returns to its initial position ; Using a 21/23 mm counter-offset spanner.

**N.B. :** Check that the belt is correctly fitted in the grooves of the different pulleys.

**N.B. :** Check that the tab "f" is positioned correctly in its location.