

## TECHNICAL NOTE : ANCILLARY DRIVE BELT

### 1. Flexible ancillary drive belt

**URGENT** : Before removal and for any future reuse of the removed belt, the engine must be at ambient temperature (below 30°C) ; In all other cases : Replace the flexible ancillary drive belt .

**CAUTION** : Mark the direction of rotation of the ancillary drive belt before removing it.

**CAUTION** : If re-using the existing accessories drive belt, refit it in the correct fitting direction.

**CAUTION** : Check that the rollers turn freely (no play and no tightness).

### 2. Visual check

Check that the timing belt is free of cracks and traces of oil.

Check the absence of oil leaks (crankshaft and camshaft sealing rings).

Check the absence of coolant fluid leaks (Water pump).

Check that the engine speed sensor target track is not damaged or scratched.

**N.B.** : Replace any defective parts.

### 3. Petrol engines

#### 3.1. 384F engine

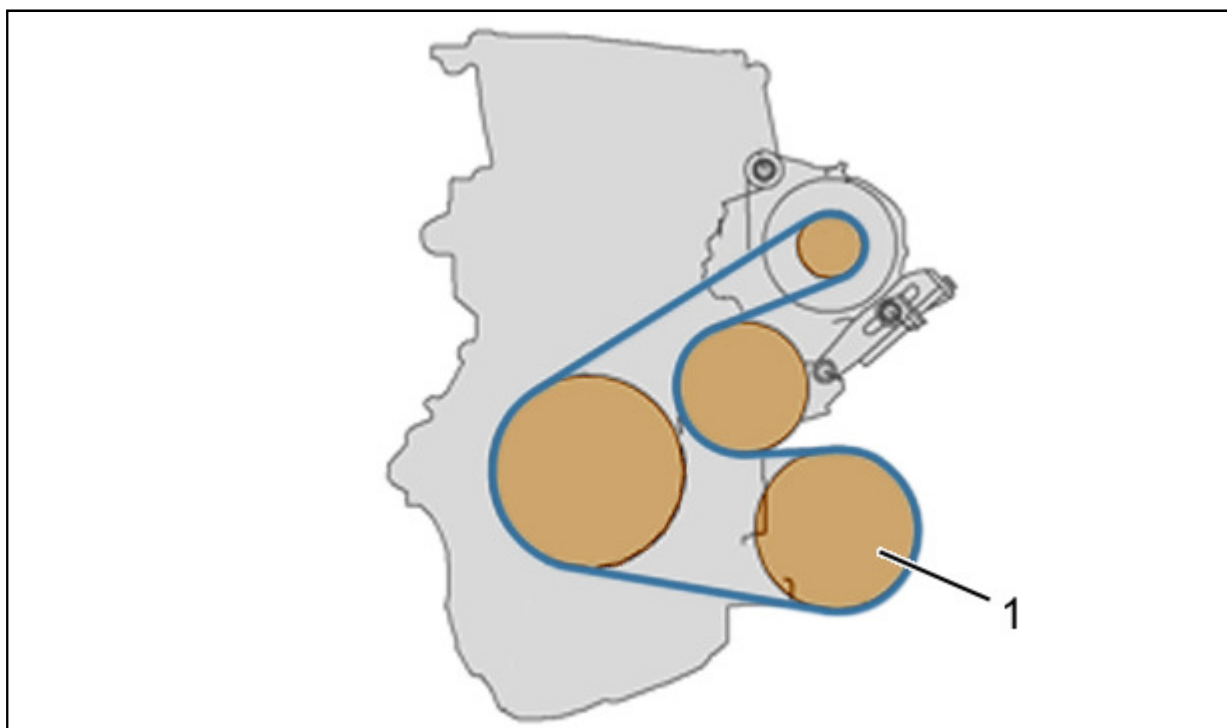


Figure : B1BB1E8D

all models.

(1) Air conditioning compressor (according to equipment).

### 3.2. TU1/TU3/TU5/ET3 engines

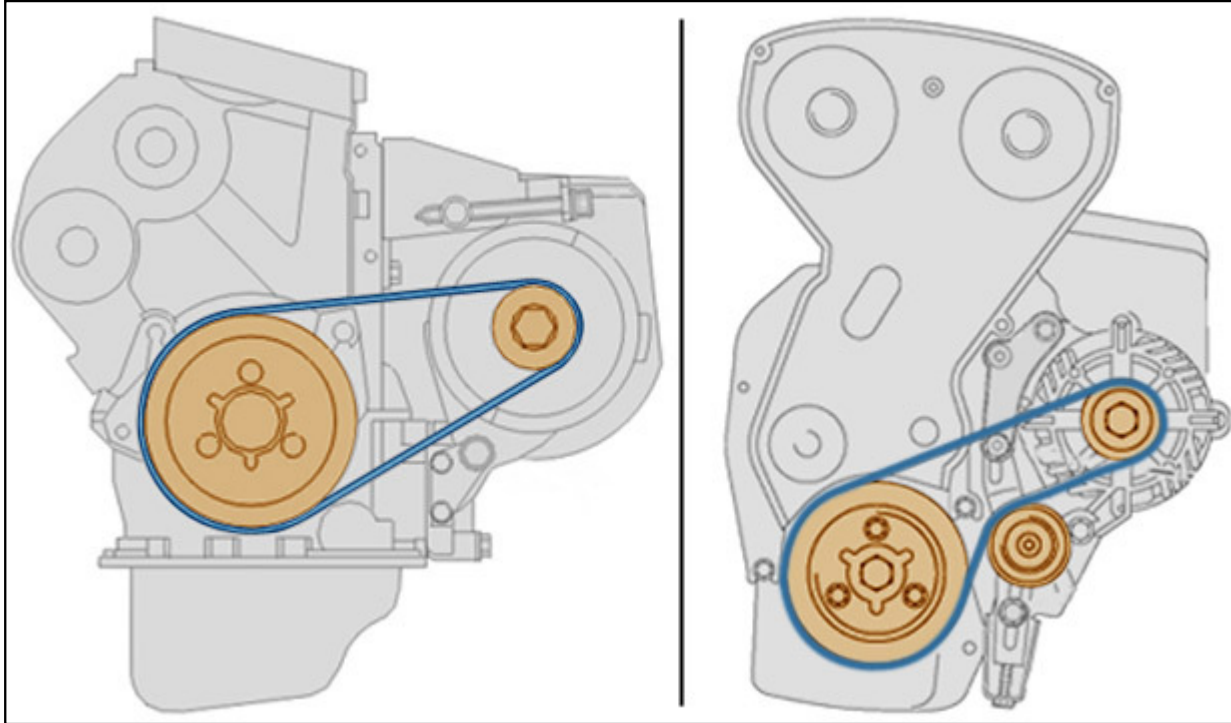


Figure : B1BB1E9D

Without power steering and without air conditioning.

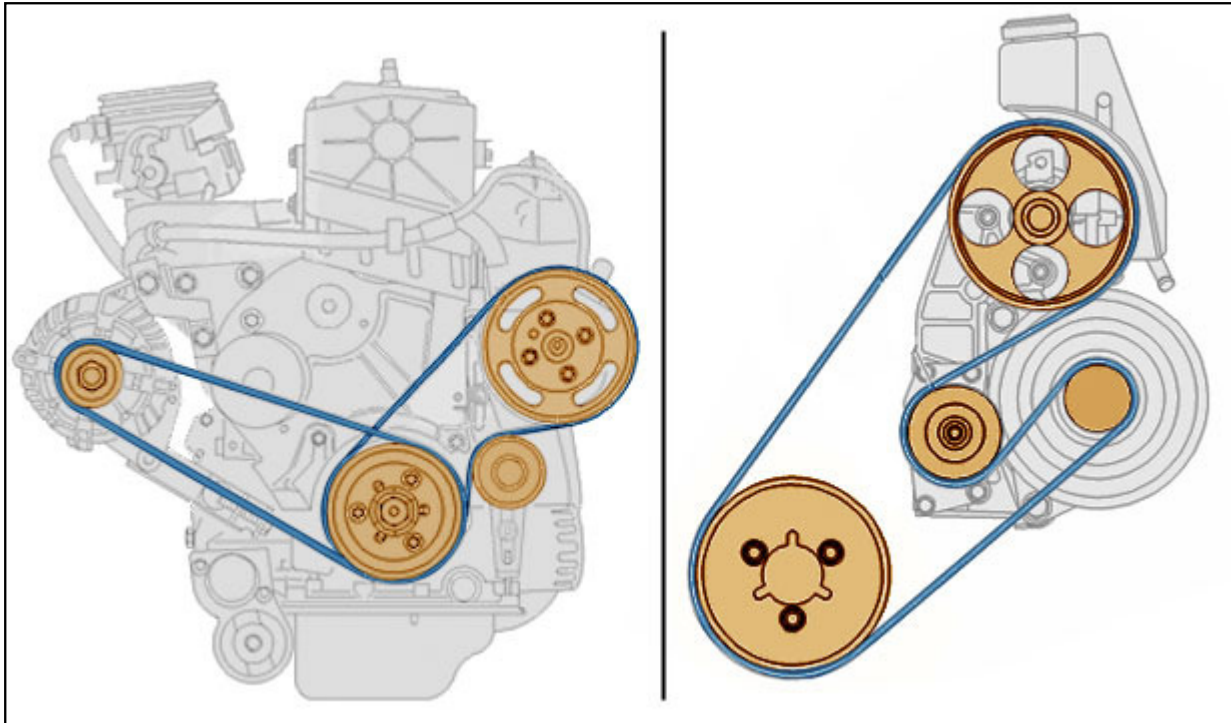


Figure : B1BB1EAD

Without air conditioning / Avec pompe attelée d'assistance de direction.

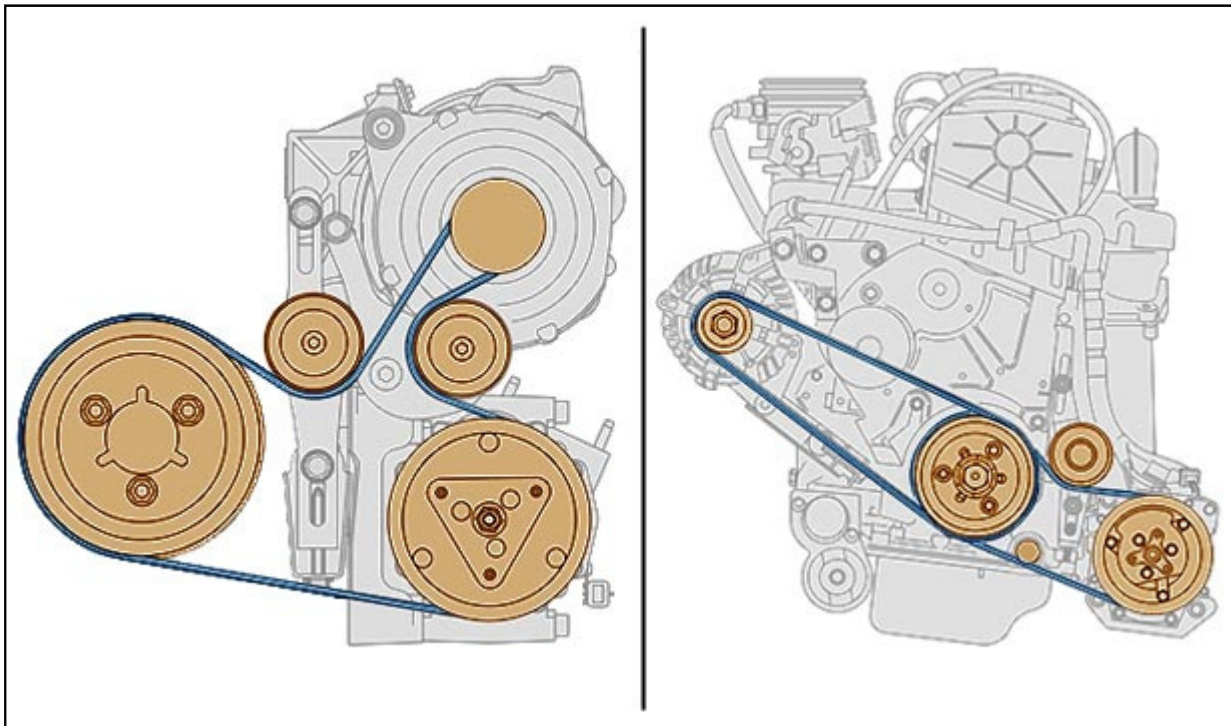


Figure : B1BB1EBD

With air conditioning and without power steering.



Figure : B1BB1ECD

With air conditioning / Avec pompe attelée d'assistance de direction (Manual tension roller).

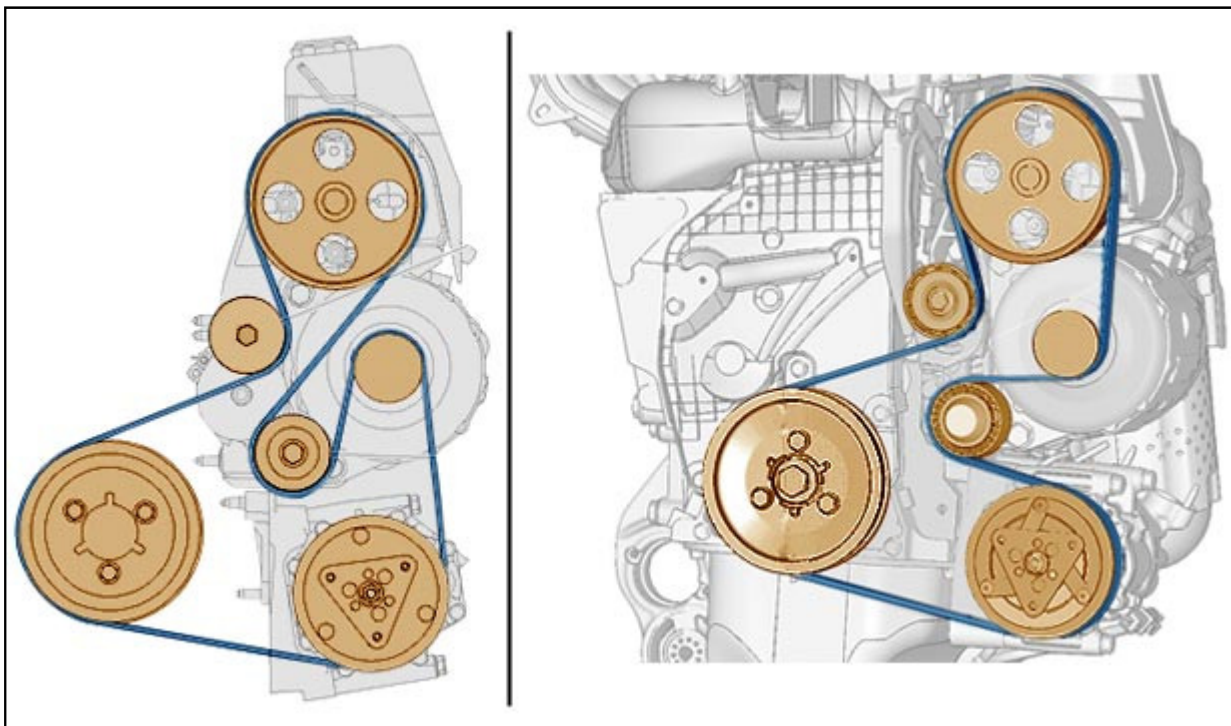


Figure : B1BB1EDD

With air conditioning / Avec pompe attelée d'assistance de direction (Dynamic roller tensioner).



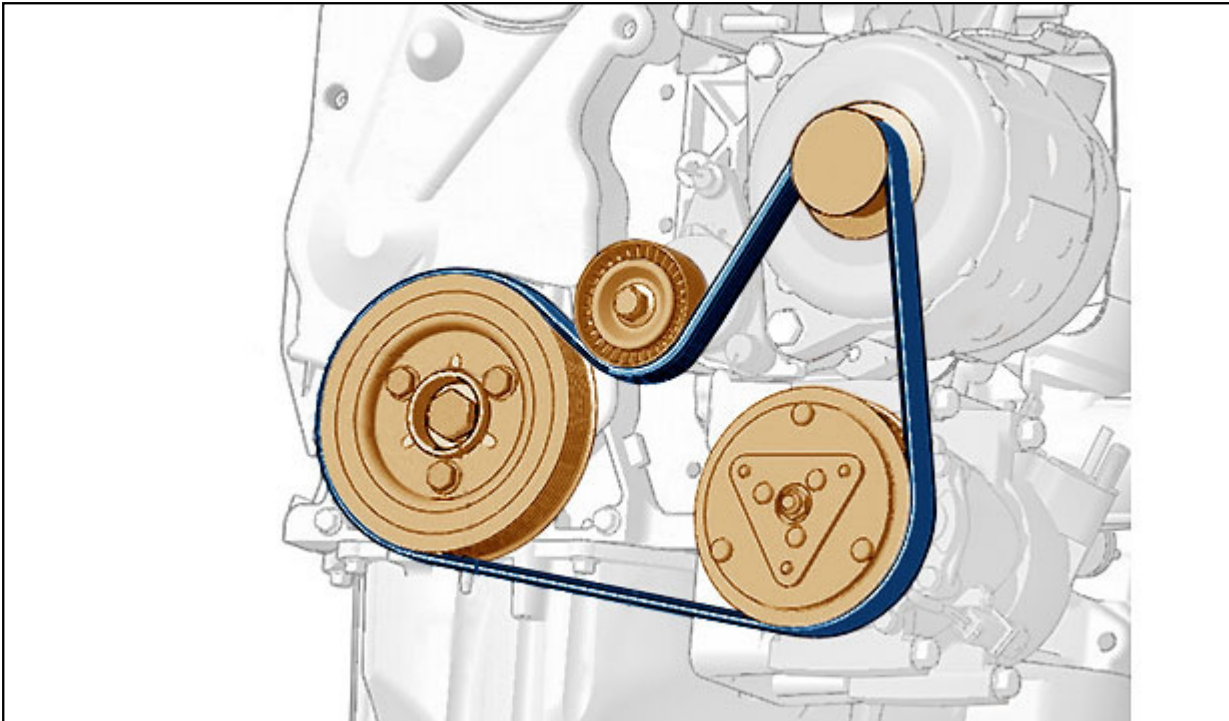


Figure : B1BB1EED

With air conditioning / Power steering electric pump assembly (Dynamic roller tensioner ).

### 3.3. EP3/EP6 engines

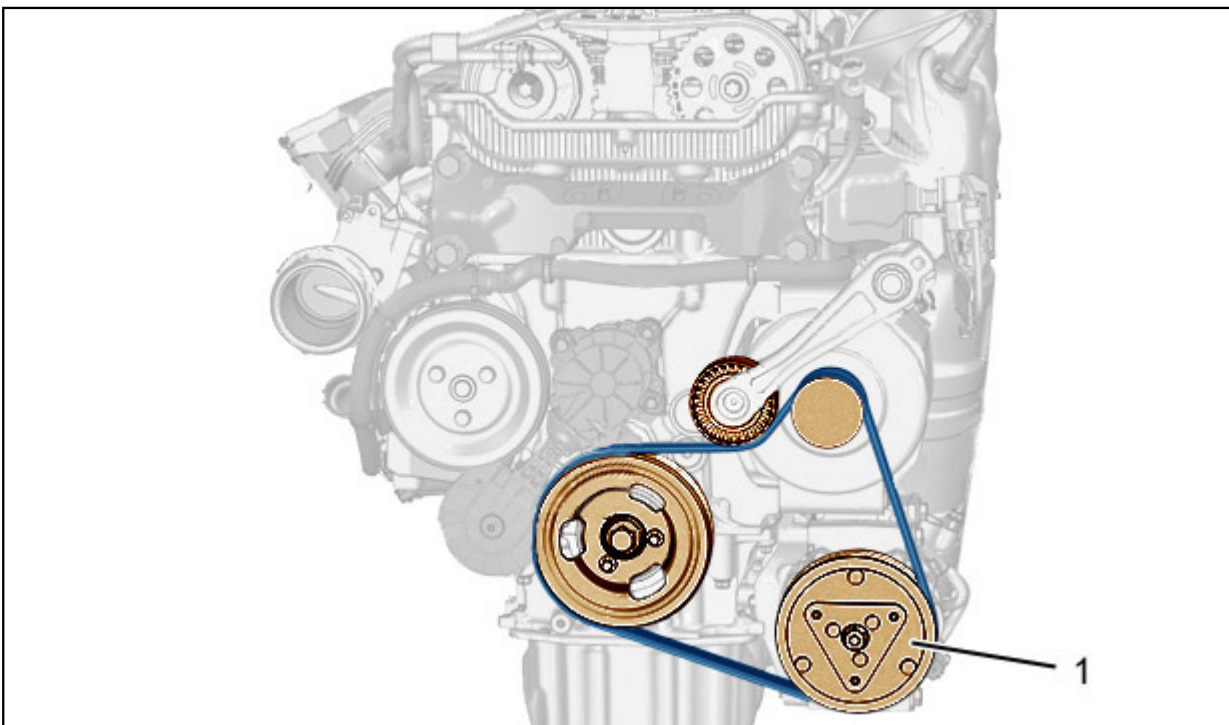


Figure : B1BB1EFD

all models.

(1) Air conditioning compressor (according to equipment).

### 3.4. EW7/EW10/EW12 engines

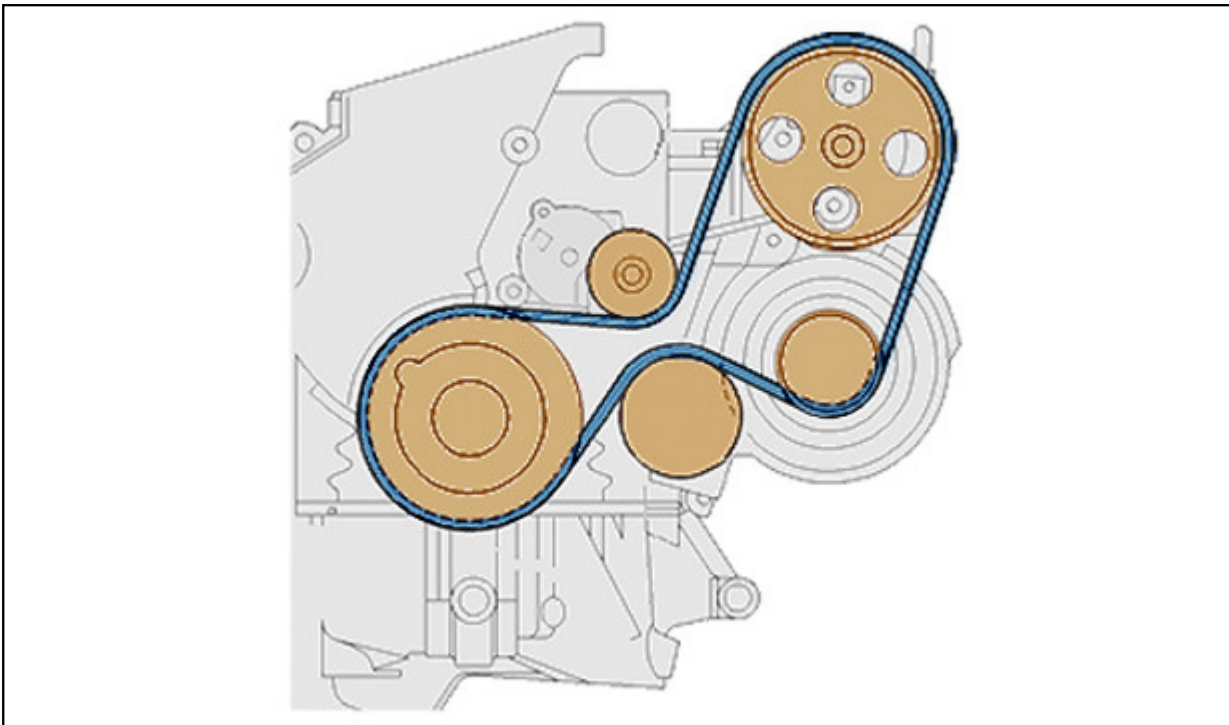


Figure : B1BB1EGD

Without air conditioning / Avec pompe attelée d'assistance de direction.

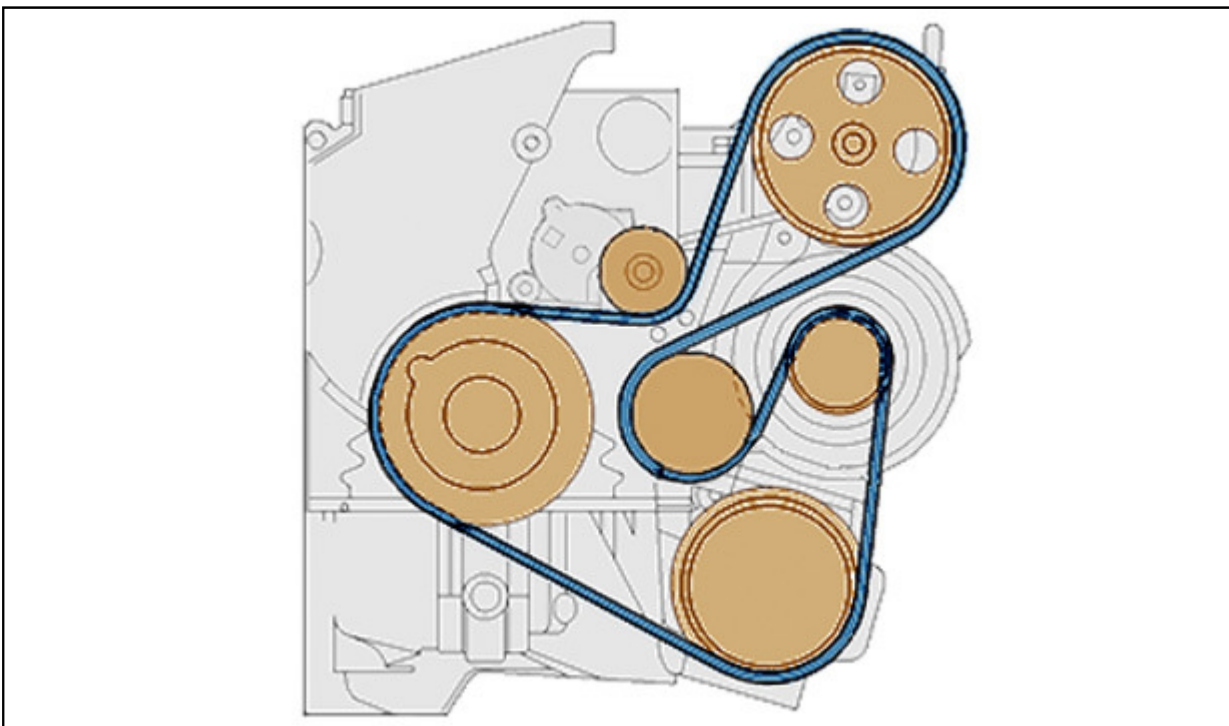


Figure : B1BB1EHD

With air conditioning / Avec pompe attelée d'assistance de direction.

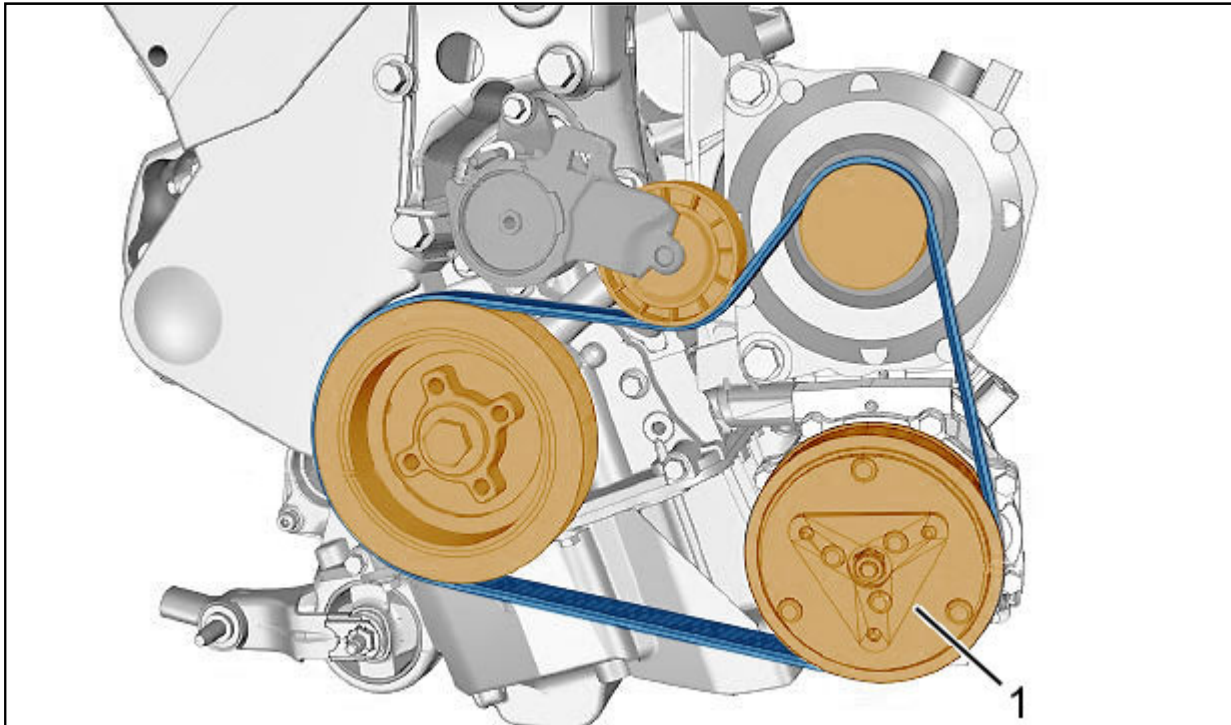


Figure : B1BB1EID

With air conditioning / Power steering electric pump assembly .  
(1) : Air conditioning compressor (according to equipment).

### 3.5. 4B12 engine

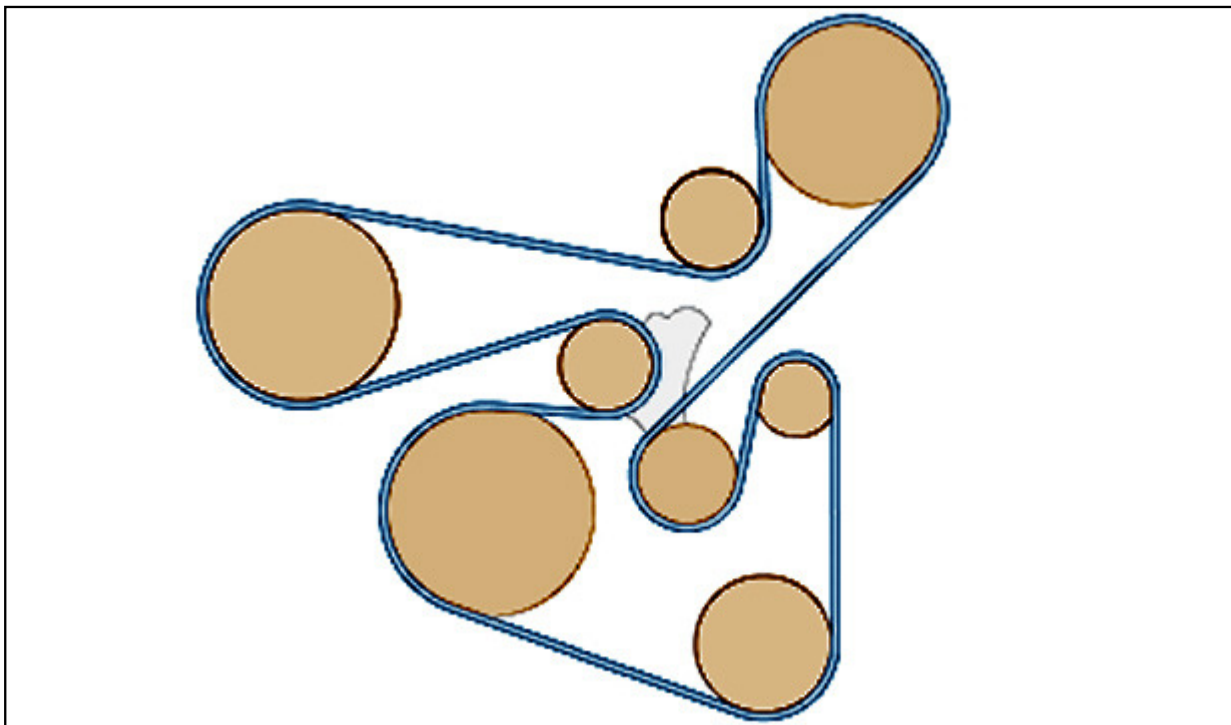


Figure : B1BB1EJD

all models.

### 3.6. ES9 engine

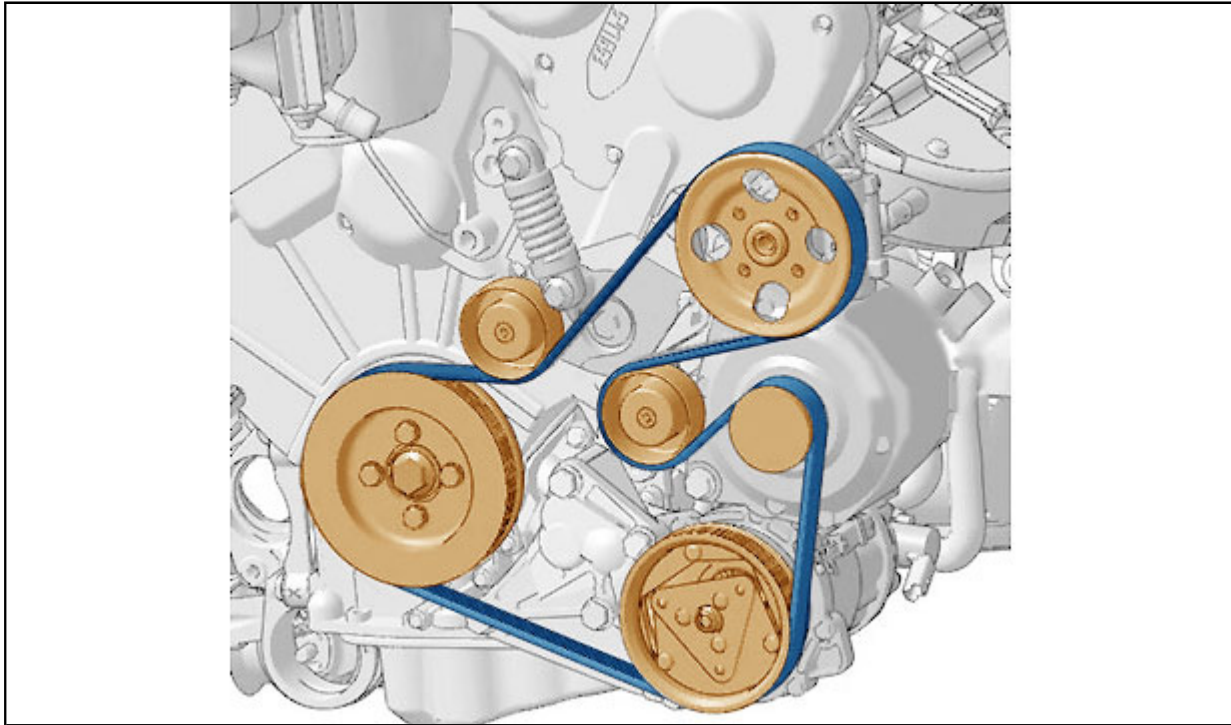


Figure : B1BB1EKD

all models.

## 4. diesel engines

### 4.1. DV4/DV6 engine



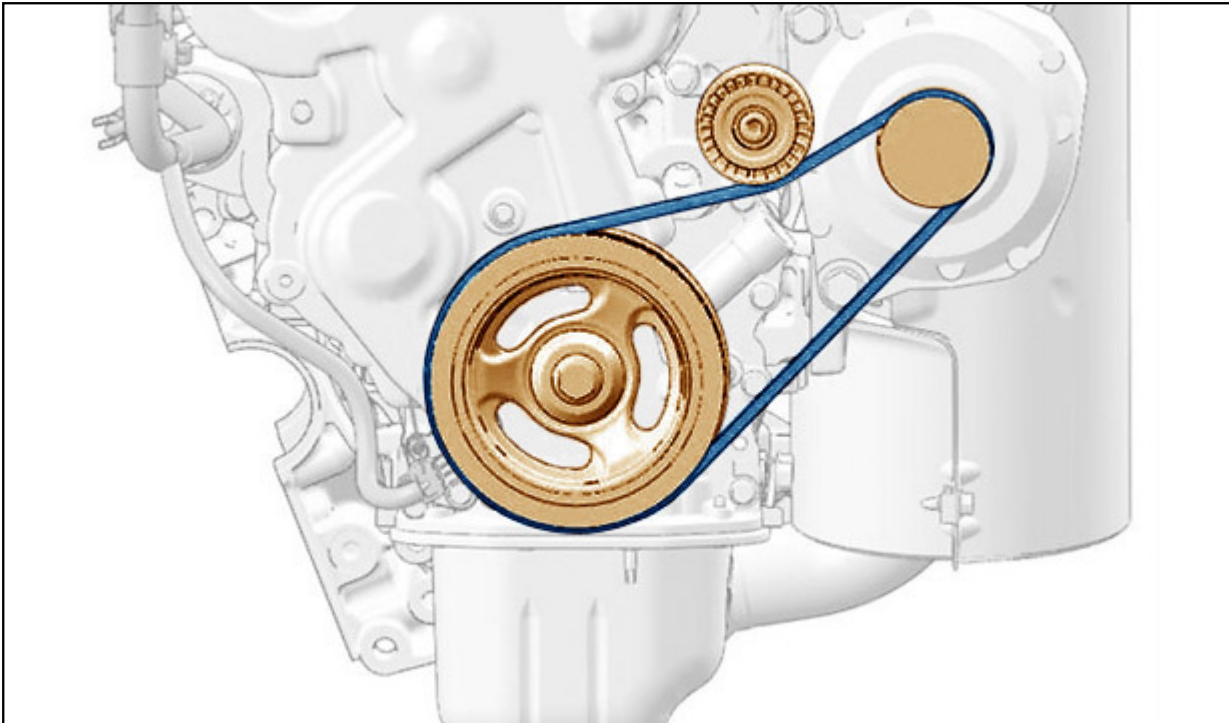


Figure : B1BB1ELD

Without air conditioning.

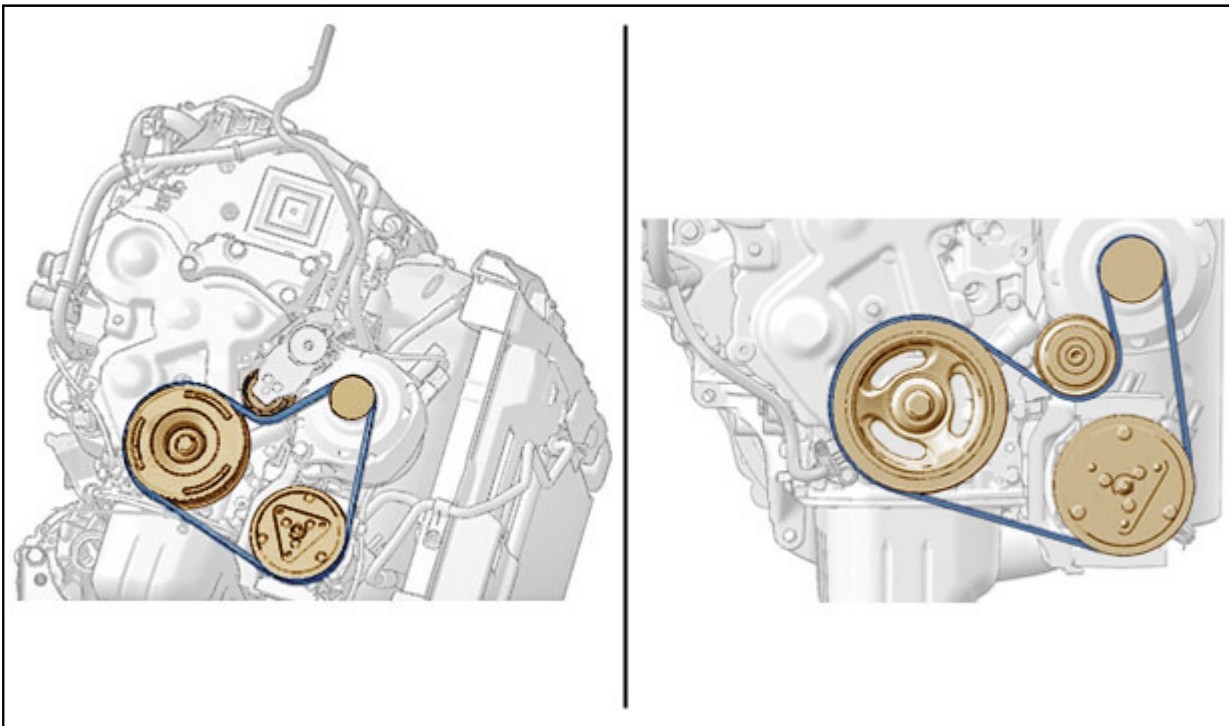


Figure : B1BB1EMD

With air conditioning.

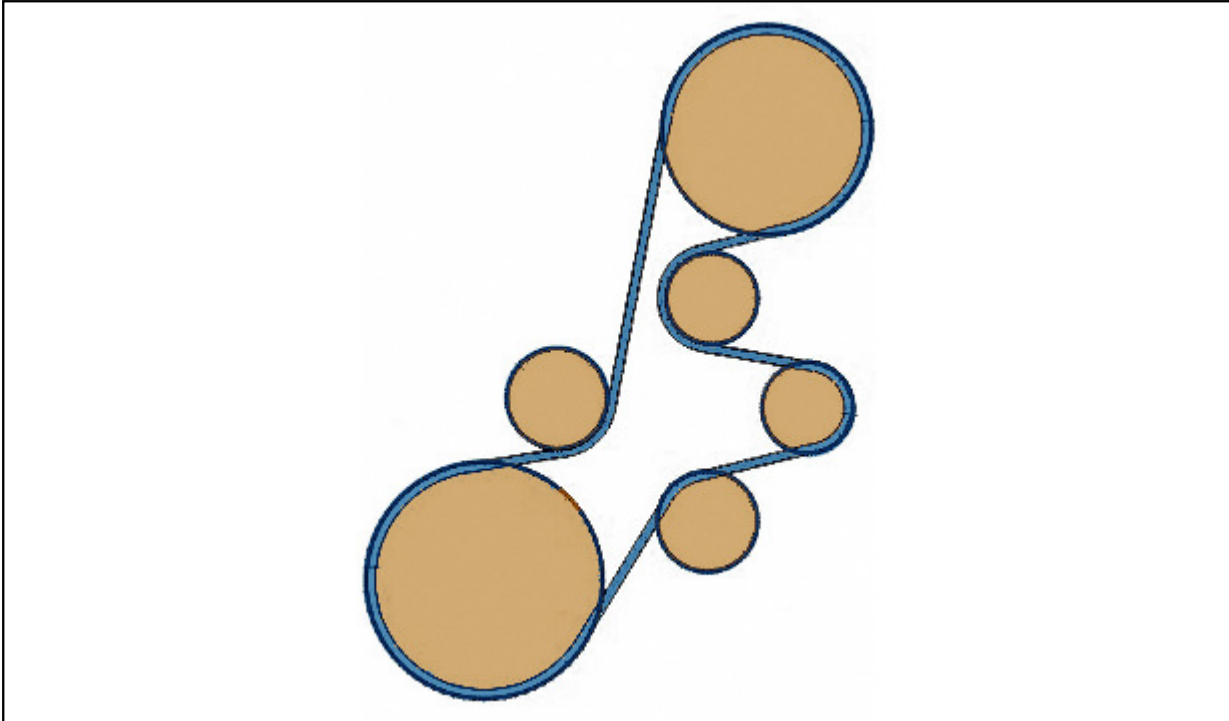


Figure : B1BB1END

Without air conditioning / Avec pompe attelée d'assistance de direction.

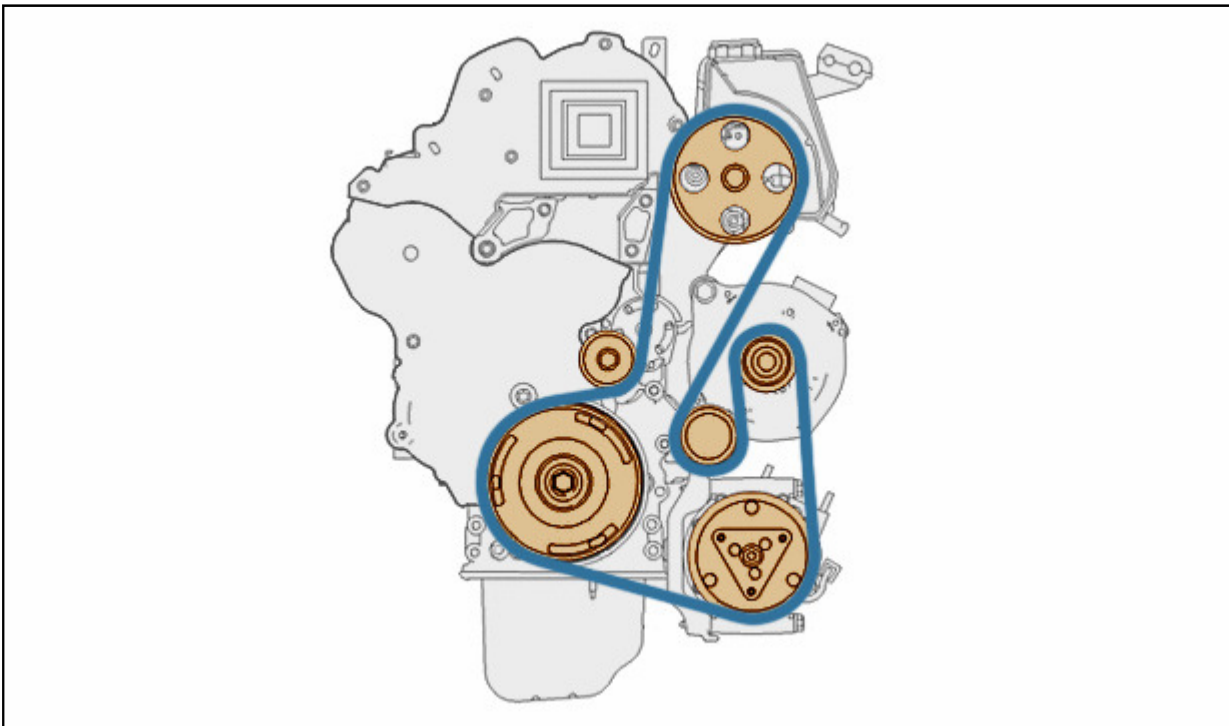


Figure : B1BB1EOD

With air conditioning / Avec pompe attelée d'assistance de direction.

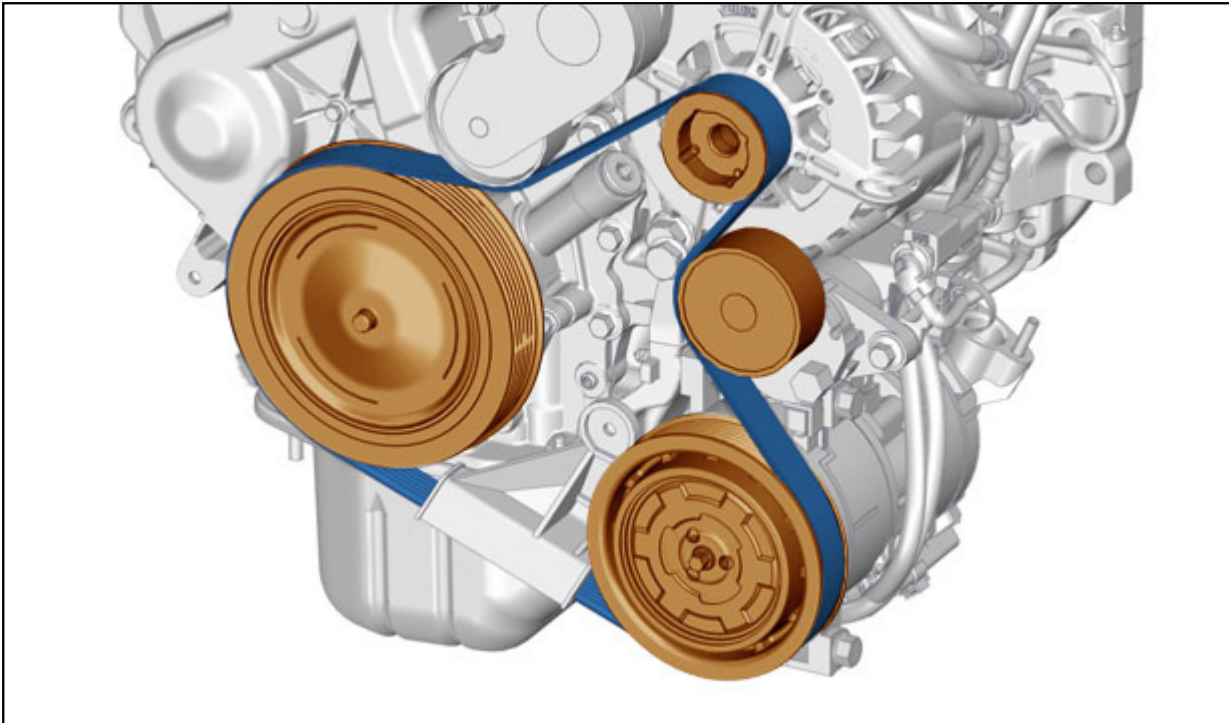


Figure : B1BB1EPD

With air conditioning/Power steering electric pump assembly / Stop and start.

#### 4.2. DW8/DW10/DW12 engines

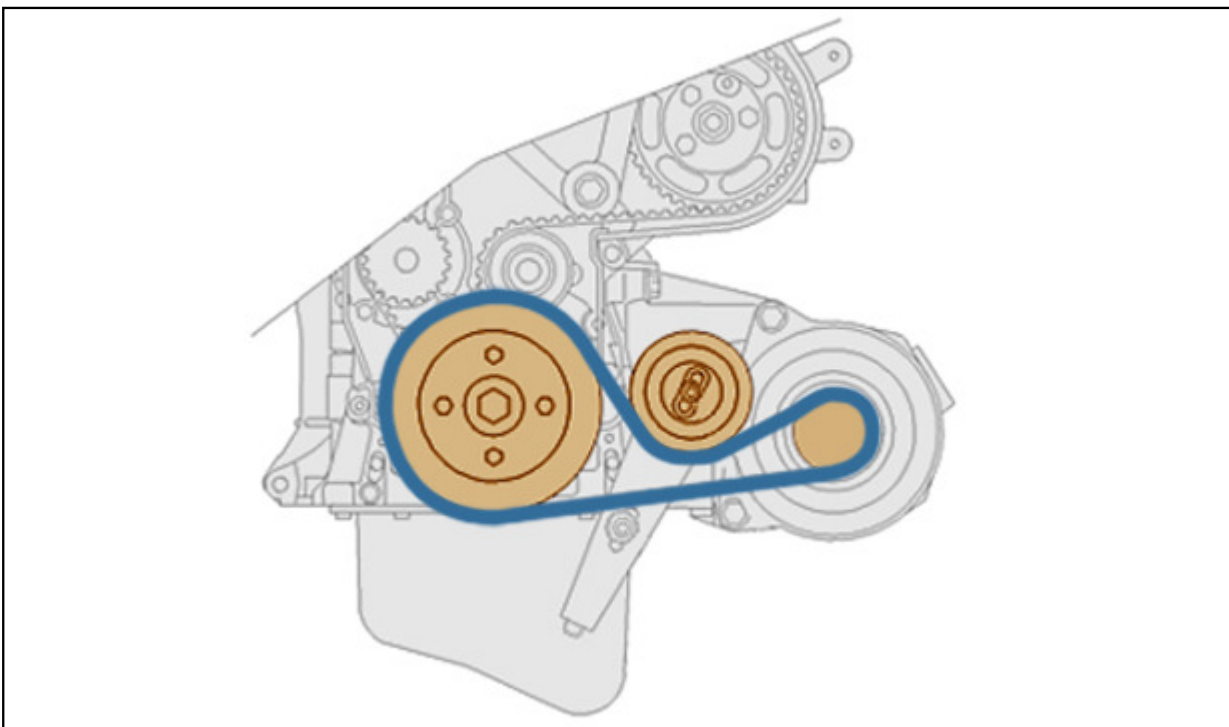


Figure : B1BB1EQD

Without power steering and without air conditioning.

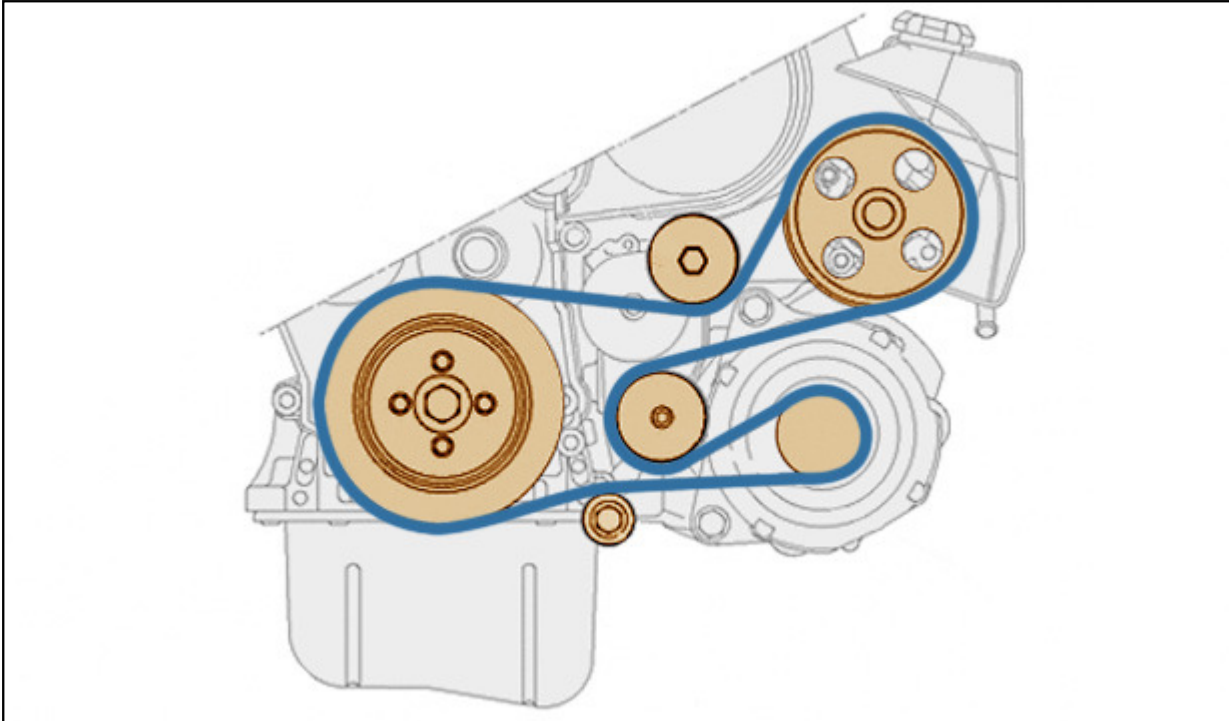


Figure : B1BB1ESD

Without air conditioning / Avec pompe attelée d'assistance de direction.

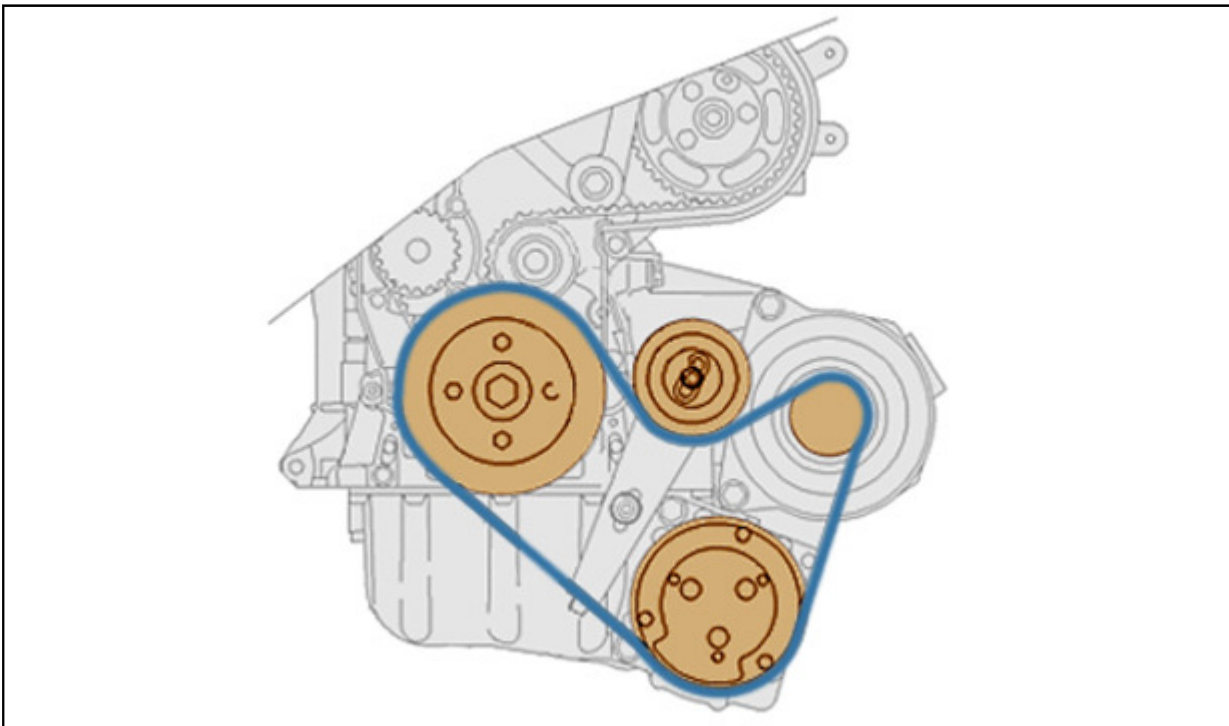


Figure : B1BB1ETD

With air conditioning and without power steering.



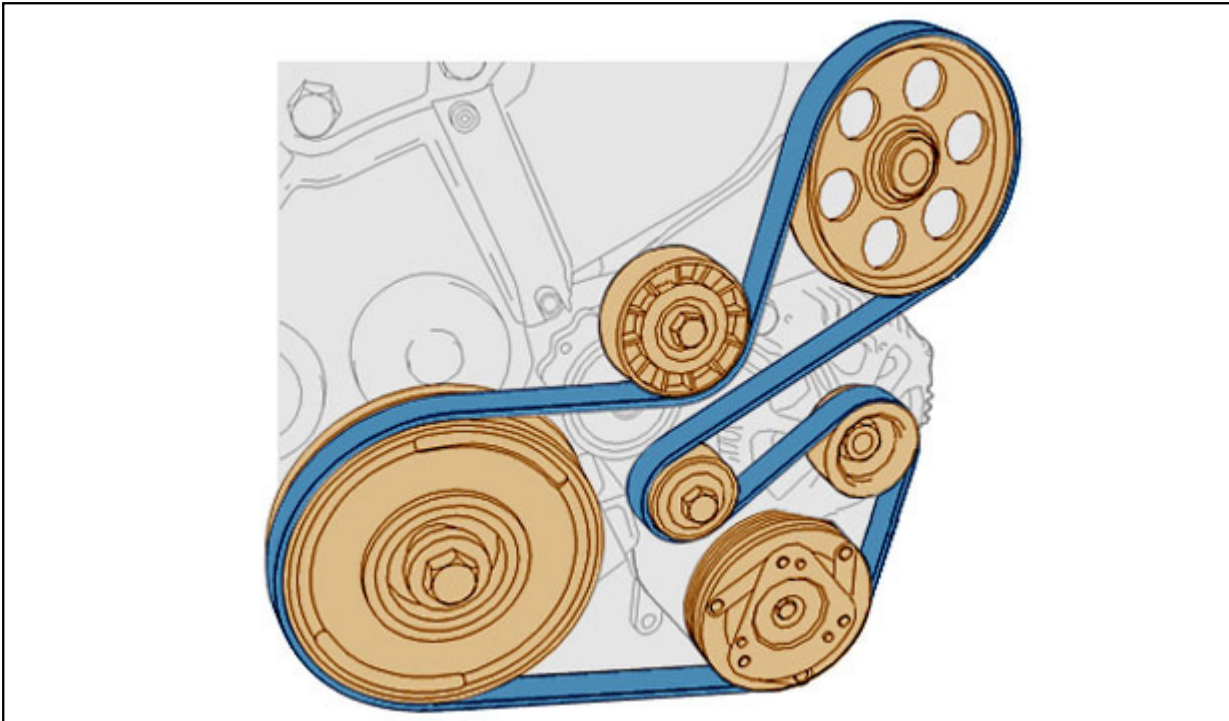


Figure : B1BB1EUD

With air conditioning / Avec pompe attelée d'assistance de direction.

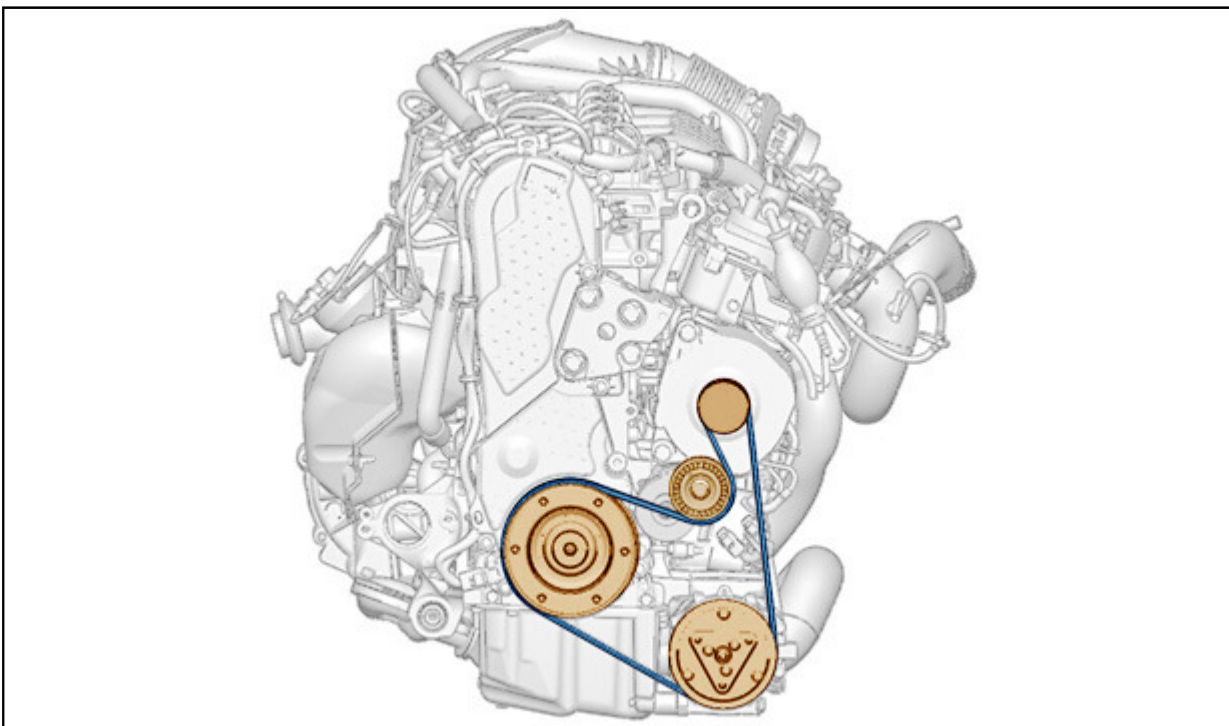


Figure : B1BB1EVD

With air conditioning / Power steering electric pump assembly .

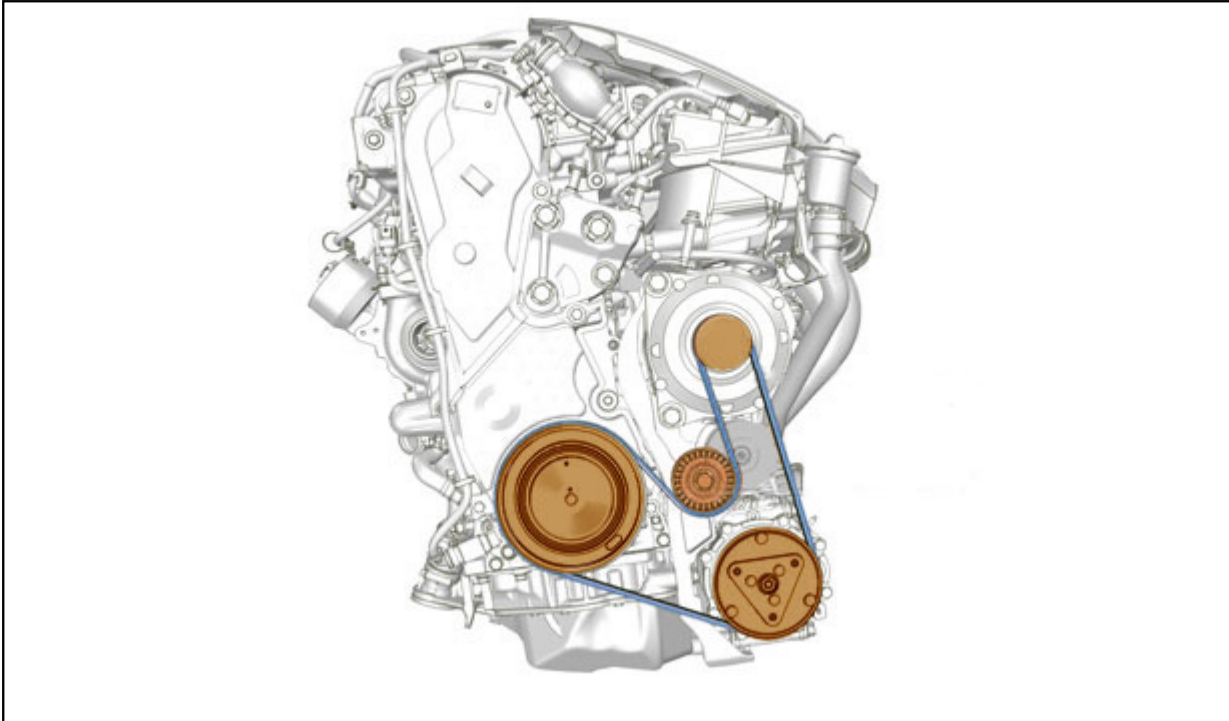


Figure : B1BB1EWD

With air conditioning / Power steering electric pump assembly .

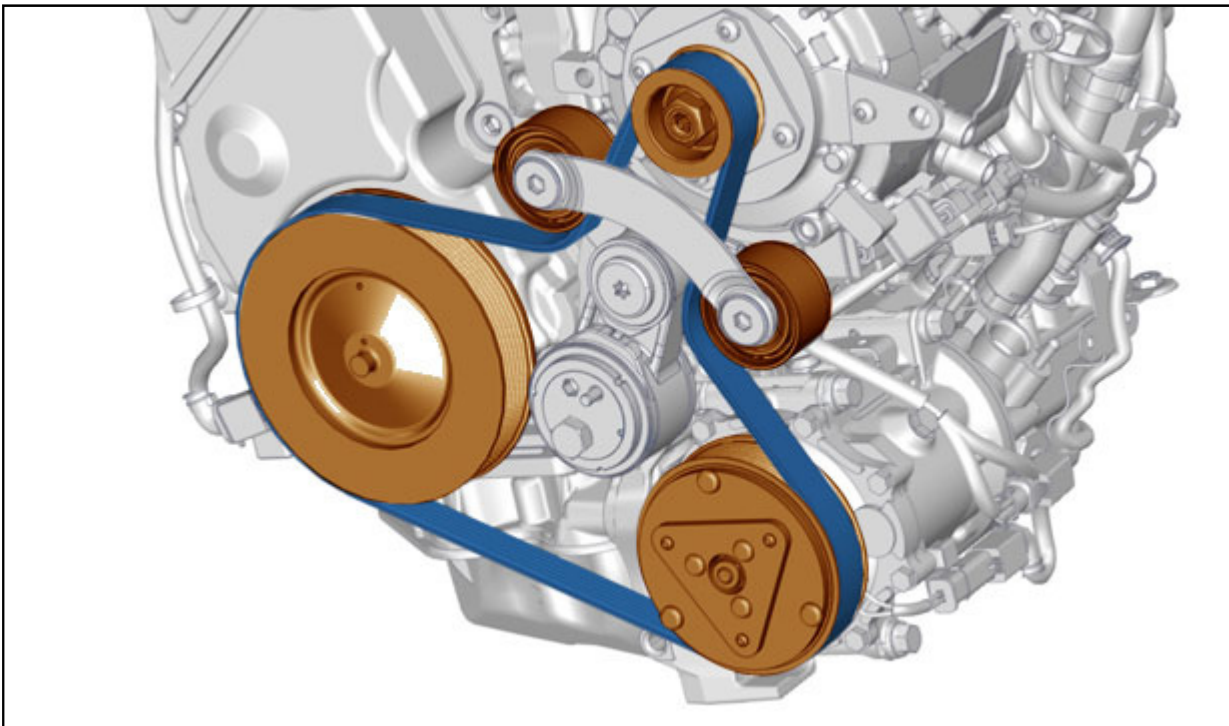


Figure : B1BB1EXD

With air conditioning / Power steering electric pump assembly / Hybrid.

#### 4.3. DT17/DT20 engines

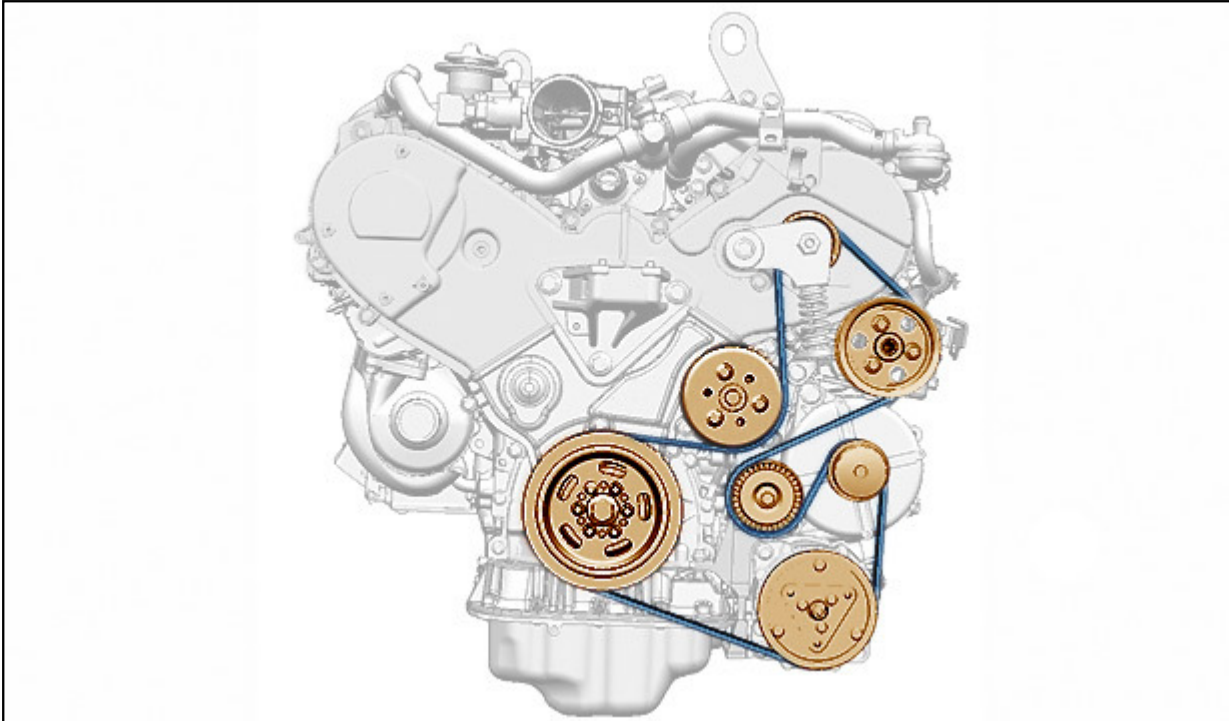


Figure : B1BB1EYD

all models.

#### 4.4. P22DTE engine

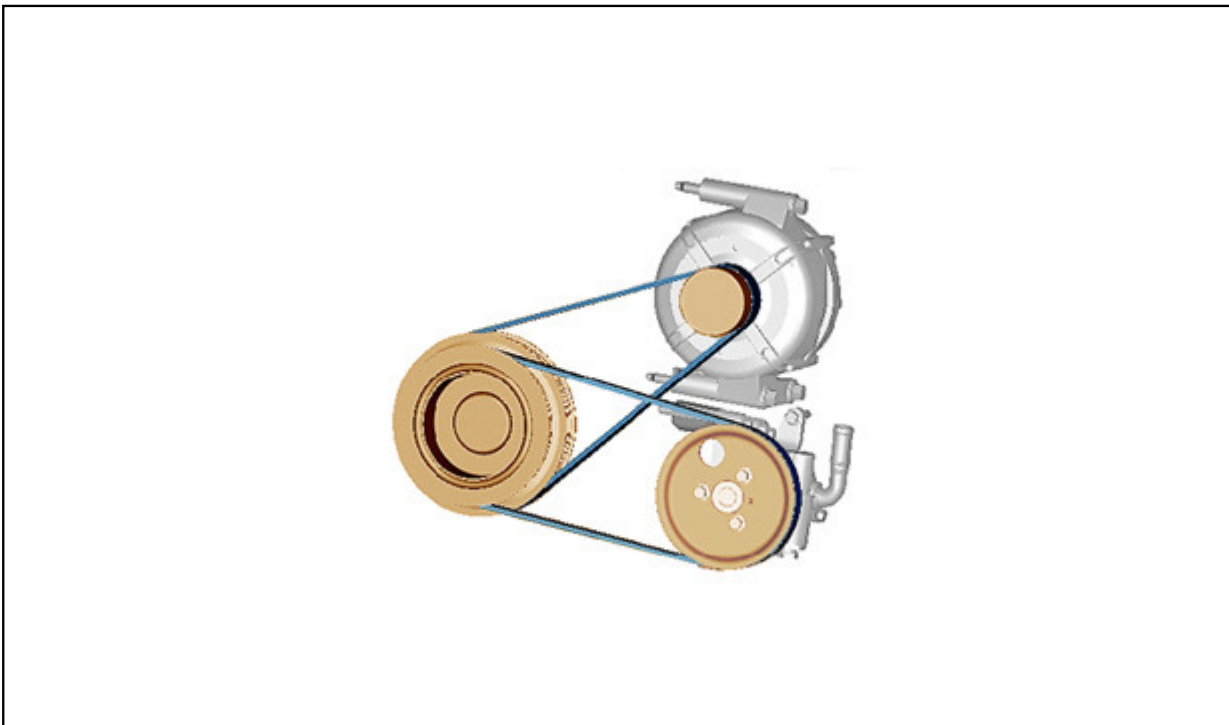


Figure : B1BB1EZD

Without air conditioning.

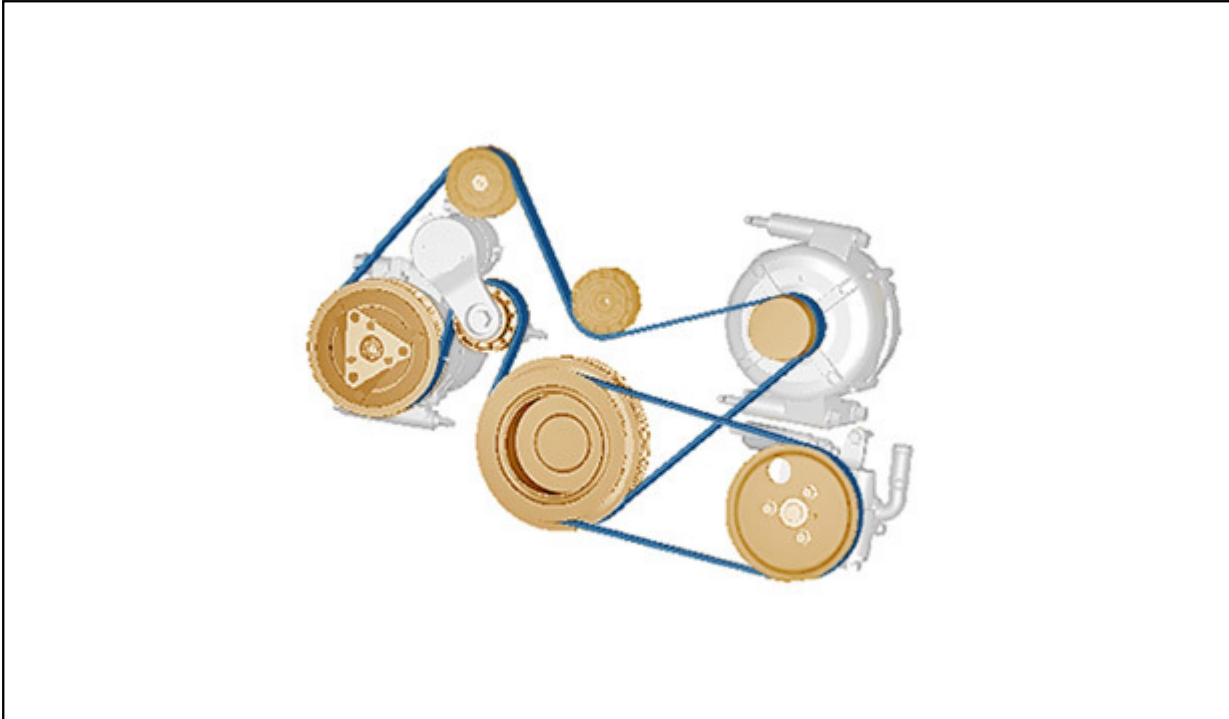


Figure : B1BB1F0D

With air conditioning.

#### 4.5. F30DT engine

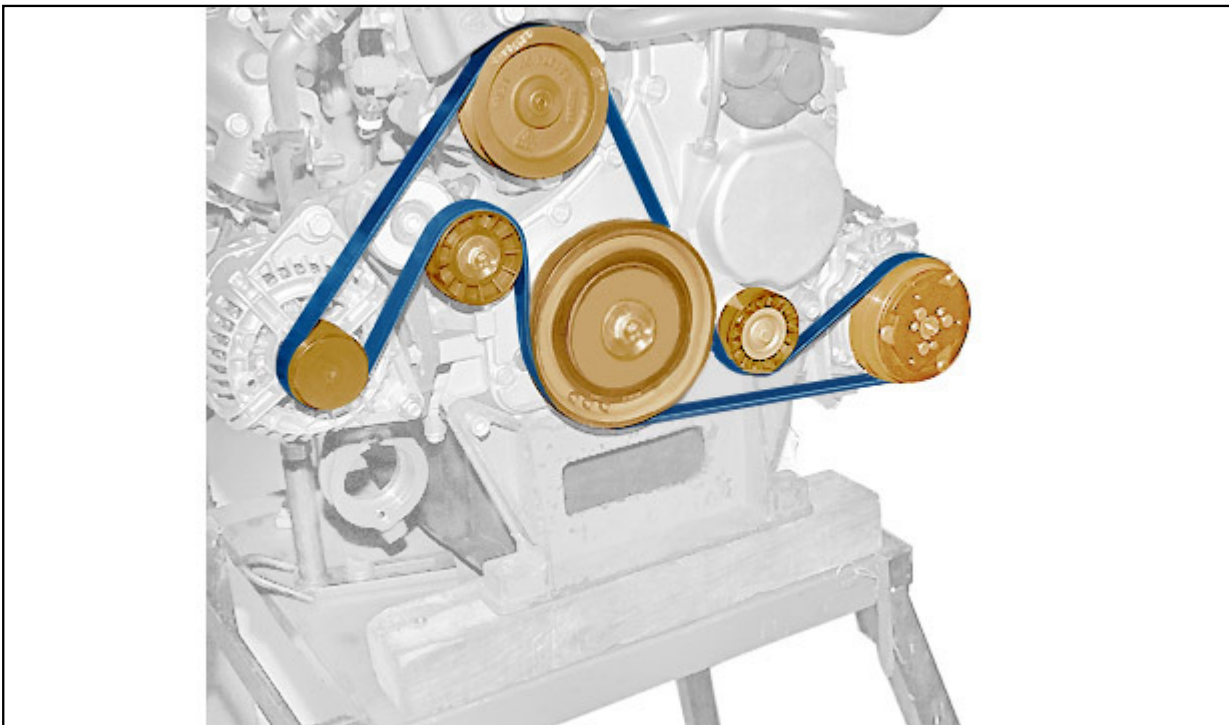


Figure : B1BB1F1D

all models.