

IDENTIFICATION - DATA - TIGHTENING TORQUES : CLUTCH

GEARBOX BE4R OR MA

1. Identification

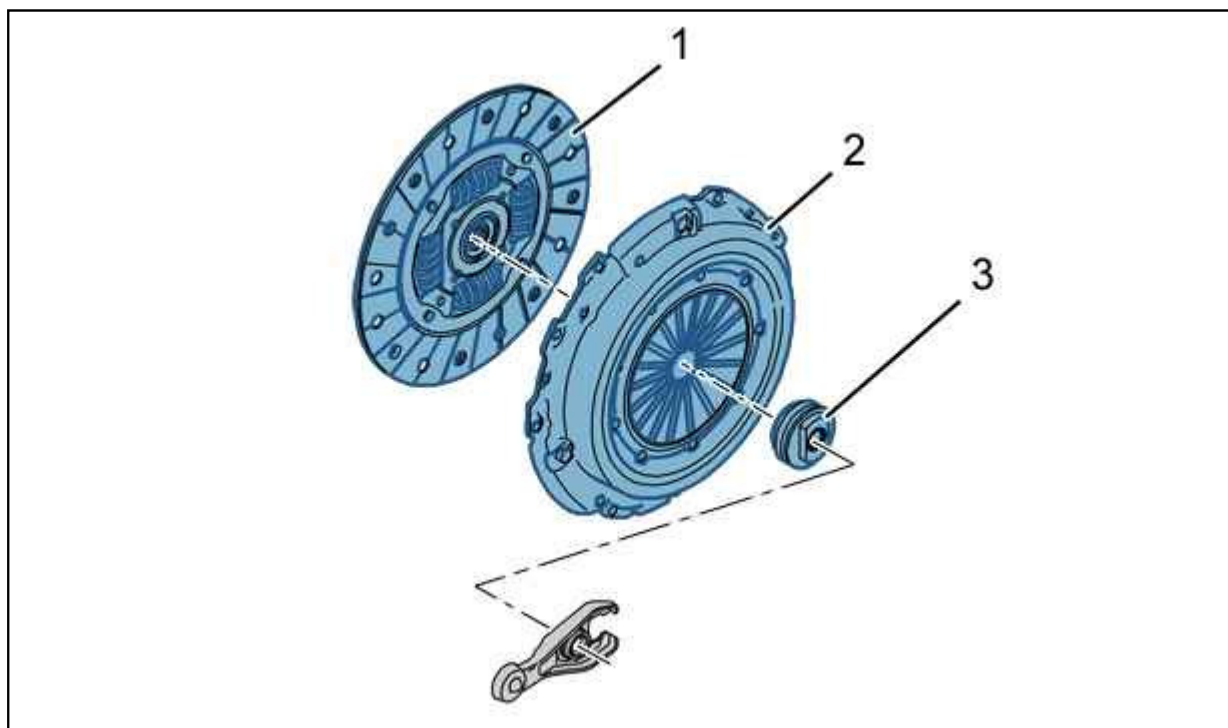


Figure : B2BP2PZD

- (1) Clutch friction plate.
- (2) Clutch mechanism.
- (3) clutch release bearing.

2. Data

2.1. diesel engines

| Engine code | DV4TD | DV6ATED4 | DV6TED4 (Without particulate emission filter) | DV6TED4 (With particulate emission filter) |
|-------------------------|----------------------|---------------|---|--|
| Engine legislative type | 8HZ | 9HX | 9HY | 9HZ |
| Type of gearbox | MA | BE | | |
| Type of flywheel | Single flywheel | | Double flywheel (VALEO) | |
| Clutch type | Push-operated clutch | | | |
| Plate | LUK 200 | LUK 234 | VALEO 225 (Rigid friction plate) | |
| Cover | LUX 200P4200 | LUX 235P4800 | VALEO 225DNG5450 | |
| Stop | SKF D34 h17 | SKF D34 h18,5 | | |

2.2. petrol engines

| | | | | | | | | |
|-------------------------|----------------------|--------------------------|-----|------|------------------|------------------|---------------|--------|
| Engine code | ET3J4 | EP3 | EP6 | EP6C | TU3A | TU5JP4 | EP6DT | EP6DTS |
| Engine legislative type | KFU | 8FS | 5FW | 5FS | KFV | NFU | 5FX | 5FY |
| Type of gearbox | MA | | | | | | BE | |
| Type of flywheel | Single flywheel | | | | | | | |
| Clutch type | Push-operated clutch | | | | | | | |
| Plate | SACHS 200VTB | VALEO 200XS (L95c) / 810 | | | 1815XJ | VALEO 200XS | LUK 234 | |
| Cover | SACHS 200MF3850 | VALEO 200 CPOY 4200 | | | VALEO 180CPO3400 | VALEO 200CPX3850 | LUK 235P5400 | |
| Stop | SKF D34 h17 | | | | | | SKF D34 h18,5 | |

3. Tightening torques

3.1. Engine flywheel

N.B. : The engine flywheel bolts must not be reused.

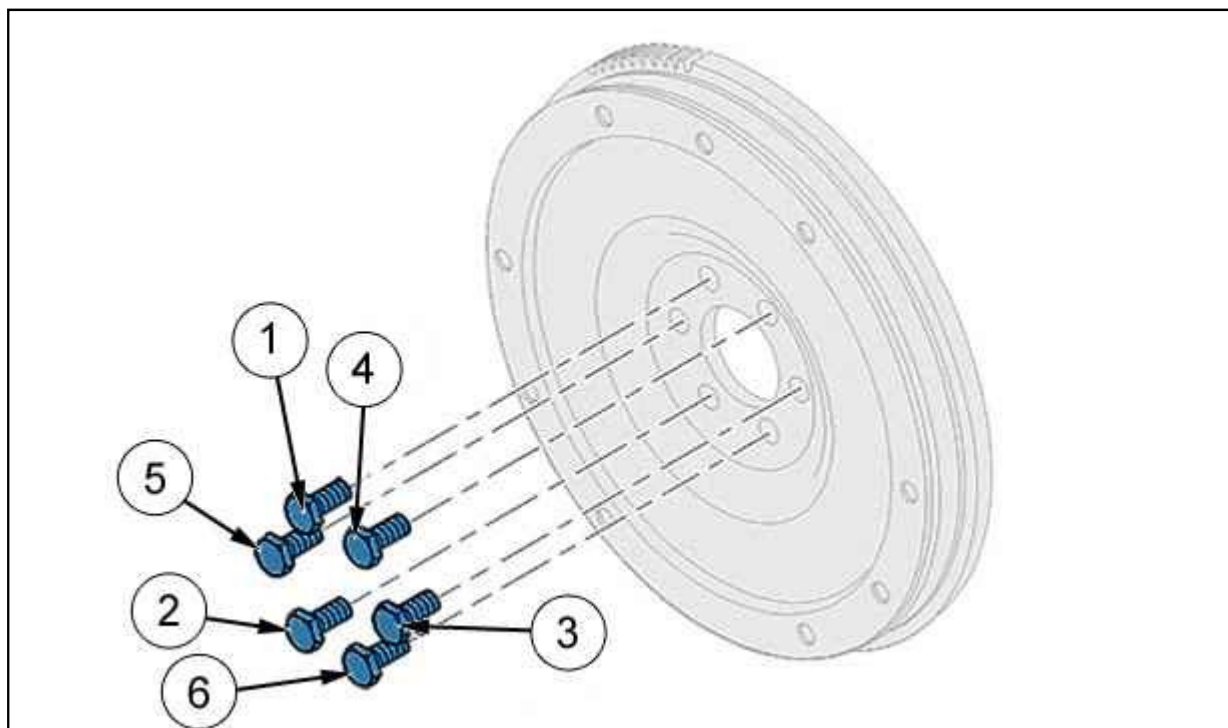


Figure : B1CM02SD

| Engine code | ET3J4 - TU3A - TU5JP4 | DV4TD - DV6ATED4 | EP6DT - EP3 - EP6 - EP6C - EP6DTS | DV6TED4 (Without particulate emission filter) | DV6TED4 (With particulate emission filter) |
|------------------|-----------------------|------------------|-----------------------------------|---|--|
| Type of flywheel | Single flywheel | | | Double flywheel | |

| | | | |
|--|------|--------------|--------------|
| Tightening (daNm) | 6,75 | 2,5 | 2,5 |
| Slackening | - | Yes | Yes |
| Pre-tighten (daNm) | - | 0,8 | 0,8 |
| Tightening (daNm) | - | 1,75 | 3 |
| Angular tightening | - | + 75 degrees | + 90 degrees |
| Order of tightening : 1, 5, 3, 2, 6, 4 | | | |

3.2. Clutch cover fastener

Tightening torque to 2 da.Nm.