

IDENTIFICATION - DATA - TIGHTENING TORQUES : CLUTCH

GEARBOX BE4R OR MA

1. Identification

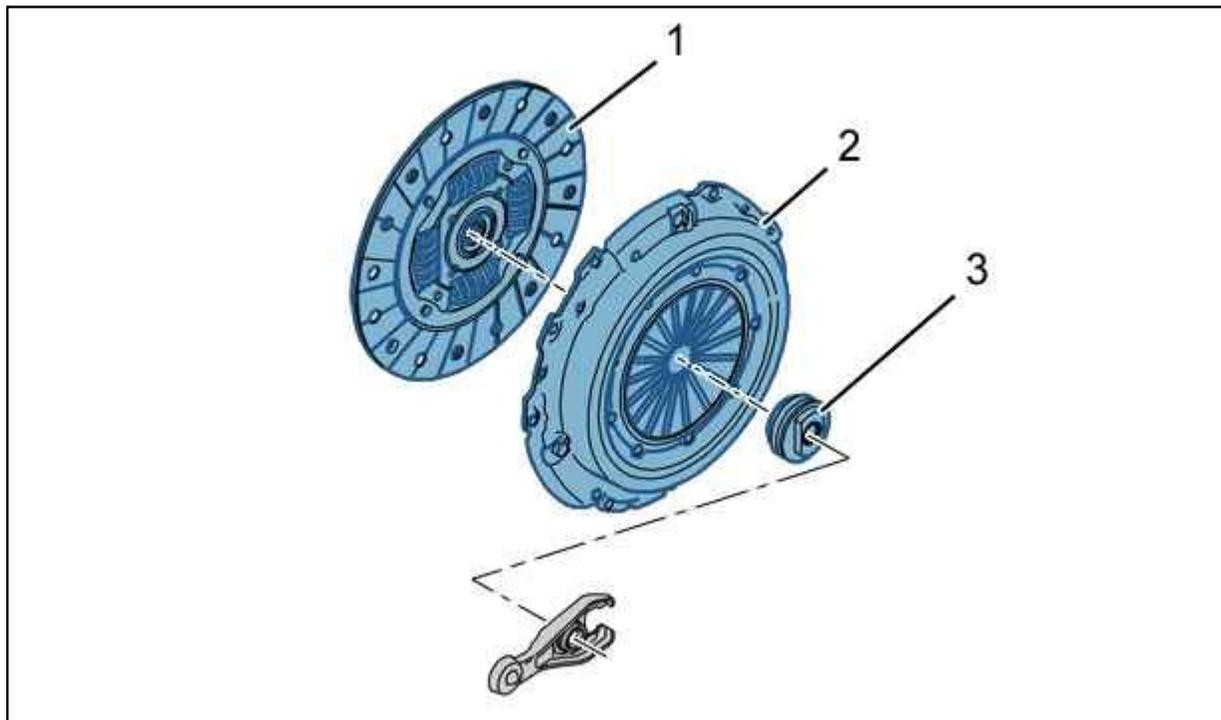


Figure : B2BP2PZD

- (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.

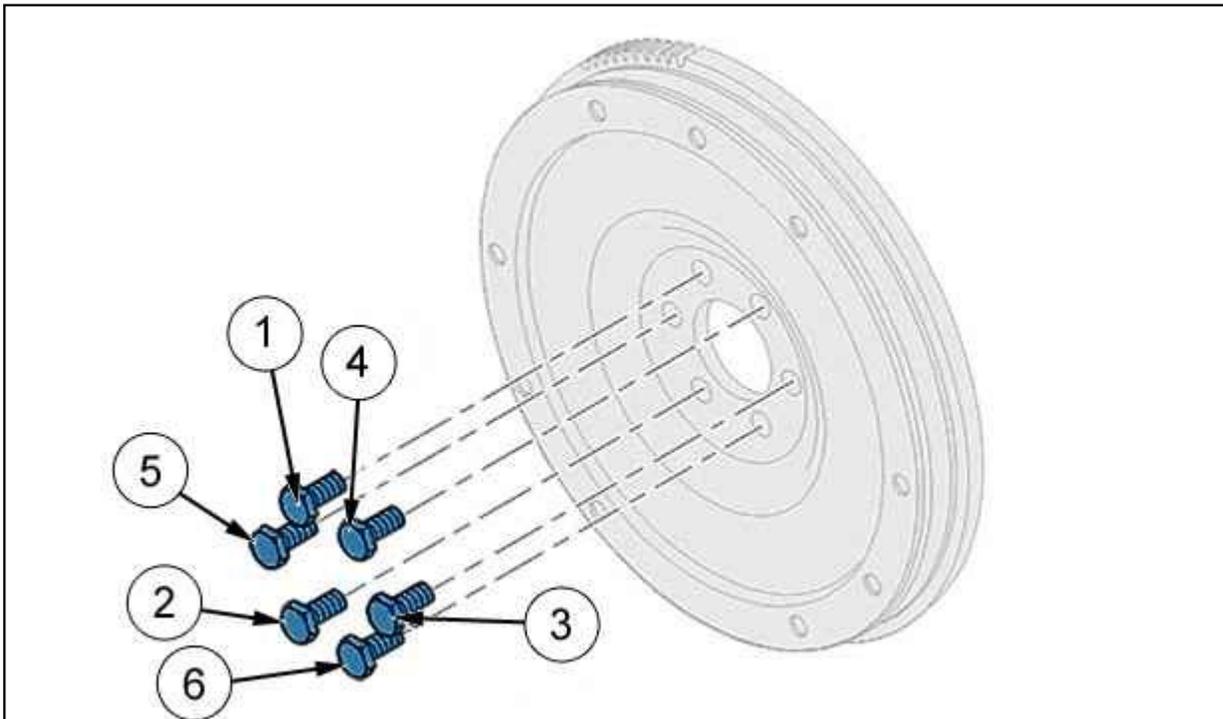


Figure : B1CM02SD

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.