

Technical Bulletin

TSB-VSAT-VTR-112020-02

Dual Mass Flywheel

Valeo Transmission

Part number

DMF

837005, 837010, 837011, 837017, 837018, 837019, 837020, 837038,

837039, 837041

FREE PLAY AND TILT CONTROL FOR DUAL MASS FLYWHEEL

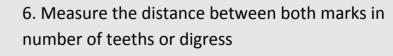


FREE PLAY CONTROL

- 1.-When DMF is removed from the car, lay it down on the workbench, secondary flywheel up.
- 2. Rotate the secondary flywheel **anticlockwise** until it touches the spring, but without moving the spring.



- 3. **Mark the secondary flywheel position** compared to the primary
- 4. Rotate the secondary flywheel **clockwise** until it touches the other spring, again without moving it.
- 5. **Mark the secondary flywheel position** and count how many teeth there are between the 2 marks

















FREE PLAY AND TILT CONTROL FOR DUAL MASS FLYWHEEL







TILT CONTROL

- 1. Place the dual-mass flywheel on the workbench with the **secondary flywheel facing upwards**
- 2. Place a comparator on the **friction surface towards the outer surface** (not on the friction surface but on the outer ring)
- 3. Press gently on the opposite side of the secondary flywheel, until it comes into contact with the primary flywheel (3)
- 4. Reset the instrument / tool
- 5. Press the side where the comparator is situated and read the value found (peak to peak) (5)
- 6. Check by reference in Valeo's table the maximum allowed

Valeo P/N	FREE PLAY ANGLE Maximum Acceptable (degrees)	Up to Starting Ring gear number of teeth (number)	TILT Maximum Acceptable (degrees)	Radius for tilt measurement
837005	21.5	7	1.5	124
837010	20.5	7	3	130
837011	20.5	7	3	130
837017	17.5	7	1	120
837018	16	6	1.5	120
837019	20.5	7	1.5	130
837020	15.5	5	1.5	130
837038	16	5	1.5	124
837039	16	5	1.5	124
837041	16	6	1.5	125