

Technical Bulletin

TSB-VSAT-VTR-062020-02

Dual Mass Flywheel

Valeo Transmission

Part number

DMF

837432, 836174, 836175, 836222, 836223, 836224, 836225, 836240,

836242, 836243

FREE PLAY AND TILT CONTROL FOR DUAL MASS FLYWHEEL

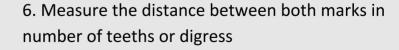


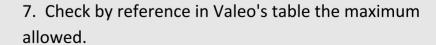
FREE PLAY CONTROL

- 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
837432	21,5	9	3	127
836174	21,5	9	2,5	134
836175	21,5	9	3	130
836222	15,5	5	1,5	129
836223	15,5	5	1,5	130
836224	15,5	6	1,5	131
836225	15,5	6	1,5	131
836240	15,5	6	1,5	131
836242	16	6	1,5	125
836243	15,5	5	1,5	130