

Dual Mass Flywheel

Valeo Transmission

DMF

Part number836581, 836588, 836589, 836590,
836591, 836592, 836595, 837001,
837003, 837004

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
6. Measure the distance between both marks in number of teeth or digress
7. Check by reference in Valeo's table the maximum allowed.



Website
valeoservice.com



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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
836581	15.5	6	1.5	131
836588	18	6	1.5	125.4
836589	15.5	6	1.5	130
836590	15.5	6	1.5	130
836591	15.5	6	1.5	132,5
836592	15.5	5	1.5	130
836595	15.5	5	1.5	129
837001	15.5	21.5	1.5	124
837003	15.5	16	1.5	125
837004	15.5	21.5	1.5	124