

Technical Bulletin

TSB-VSAT-VTR-102020-01

Dual Mass Flywheel

Valeo Transmission

Part number

DMF

836357, 836358, 836531, 836532, 836533, 836534, 836535, 836538,

836539, 836540

FREE PLAY AND TILT CONTROL FOR DUAL MASS FLYWHEEL

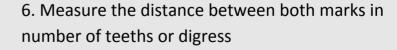


FREE PLAY CONTROL

- 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 |
|-----------|---|--|--|--------------------------------|
| 836551 | 16 | 6 | 1.5 | 125 |
| 836552 | 15.5 | 6 | 1.5 | 131 |
| 836553 | 15.5 | 6 | 1.5 | 120 |
| 836554 | 15.5 | 6 | 1.5 | 132,5 |
| 836555 | 15.5 | 6 | 1.5 | 132,5 |
| 836556 | 15.5 | 5 | 1.5 | 125,4 |
| 836557 | 15.5 | 5 | 1.5 | 130 |
| 836558 | 15.5 | 6 | 1.5 | 130 |
| 836559 | 15.5 | 5 | 1.5 | 130 |
| 836560 | 15.5 | 5 | 1.5 | 125 |