

**Dual Mass Flywheel Check Procedure**

Vehicle Type: **911 Carrera (996) / 911 Carrera 4 (996)**

Model Year: **As of '99 (X)**

Equipment: **Manual transmission**

Concerns: **Complaints about the dual mass flywheel (DMF) due to transmission noises (rattling, knocking noise):**

- The noises occur...
- at engine start and/or
  - at load shift and/or
  - during idling and/or
  - when switching off the engine.

Situation: Dual mass flywheels which have been returned under warranty.

Information: Dual mass flywheels which have been returned under warranty to the Porsche AG Service Test Center are subsequently tested for proper function by the manufacturer. Test results have shown that, apart from a few exceptions, the dual mass flywheels involved in complaints are determined to be in proper working order.

On page 2 you will find a check procedure for the assessment of DMFs involved in complaints.

**Important:** A test of a DMF must only take place if a complaint has been received concerning transmission noises (rattling, knocking) in the operational or driving conditions stated above.

Procedure: Assessment of DMFs involved in complaints, see page 2.

Procedure: Assessment of DMFs involved in complaints:

The twist test on the DMF described below must be carried out **by hand** and without any tools. The test can be carried out in installed or removed status. (In removed status, a second person is required to counter hold).

The twist distance must be measured at the external diameter of the DMF (Figure 1, arrow).

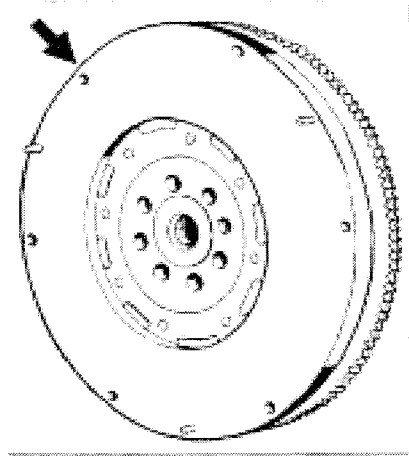
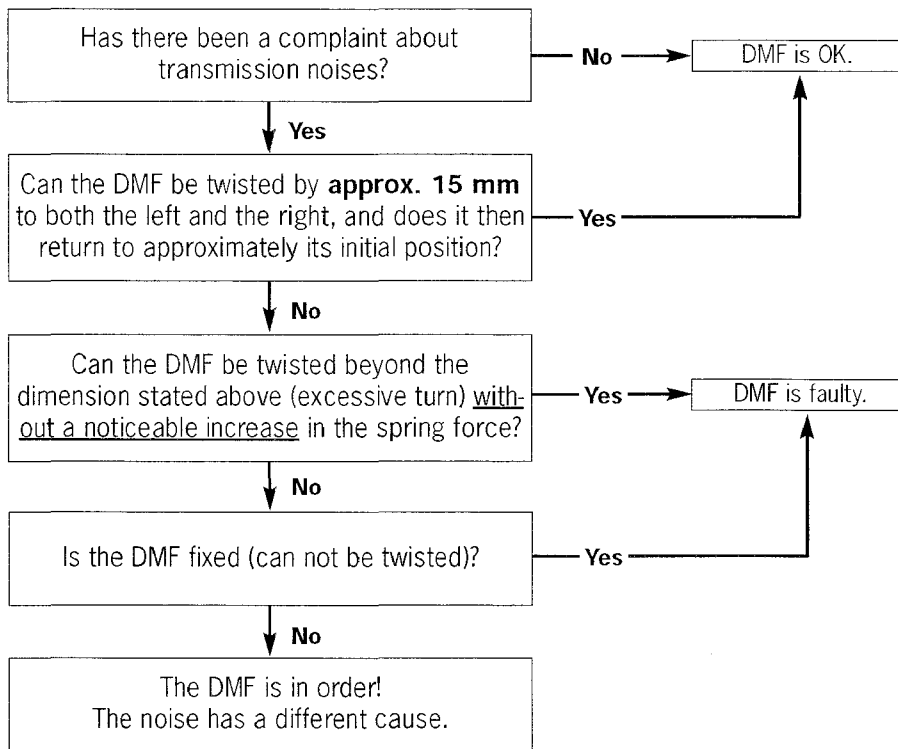


Figure 1



**Important Notice:** Porsche Cars N.A Technical Bulletins are intended for use by professional technicians, not a "Do-it-yourselfer." They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Special tools may be required to perform certain operations identified in these bulletins. Use of tools and procedures other than those recommended in these bulletins may be detrimental to the safe operation of your vehicle. Properly trained technicians have the equipment, tools, safety instructions and know-how to do a job properly and safely. If a condition is described, do not assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your Porsche Dealer for information on whether your vehicle may benefit from the information. Part numbers listed in these bulletins are for reference only. Always check with your authorized Porsche dealer to verify correct part numbers.

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