

Service Information



Special Tools & Equipment

Number: ATE-24-14

Subject: VAS611007 Important Product Information

Date: Oct. 18, 2024

VAS 611007 Camshaft Adjustment Tool comes with a Brake screw that can be improperly torqued. This action can cause the screw bolt to fail and it can internally break the glass measuring dial inside the encoder.

Please see proper torque specifications:

A brake (screw SW 10) is included on each adapter for fixing the camshaft during the adjustment procedure.

! To operate the brake, please consult the respective vehicle model repair manual.

! **CAUTION**
Risk of damage to the tool
The brake must never be engaged without an adapter (see 3.2, E, F or 3.4, H), otherwise the tool may be damaged.
Always mount all components first.

➔ **4.1 Preparing for setup**
4.2 Setup - Installing the adapter...

Required tool: Torque wrench SW 10

10 Nm
10 To brake, tighten the screws (see 3.2, M) with a suitable torque wrench SW 10 (10 Nm). This prevents movement of the camshaft. To release the brake, turn the screw counter-clockwise.

! **CAUTION**
Risk of damage to the tool
To inspect or adjust the timing, the brake must be released, otherwise the tool and camshaft may be damaged. The brake display must not flash yellow or red.
The brake value display must be green (see 4.6.5).

! **CAUTION**
Risk of damage to the tool and to the camshaft
The brake value display is only a supporting tool, not a torque measuring device. Always use a suitable torque wrench during adjustment in order to ensure the technical requirements in the repair manual are being met.

The extent to which the brake is engaged is depicted via a coloured brake value display:

4.4.6-1		Green: Brake released
4.4.6-2		Yellow, flashing: Brake engaged:
4.4.6-3		Red, flashing: Brake engaged (~10 Nm)

4.4.6-1

4.4.6-2

4.4.6-3