

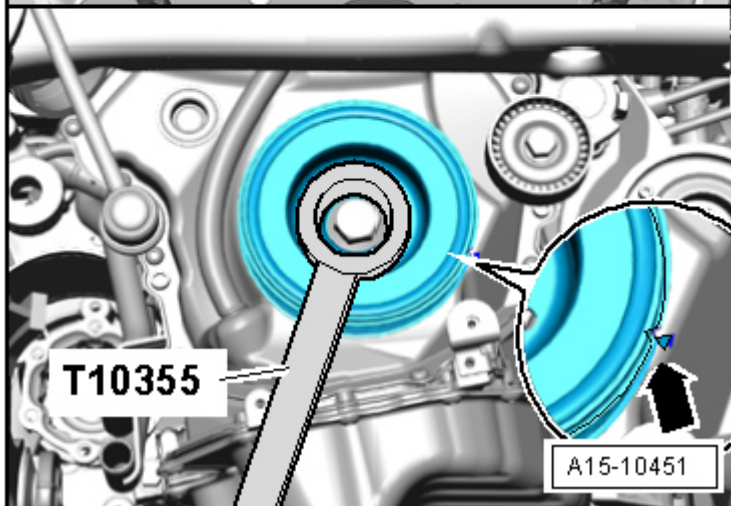
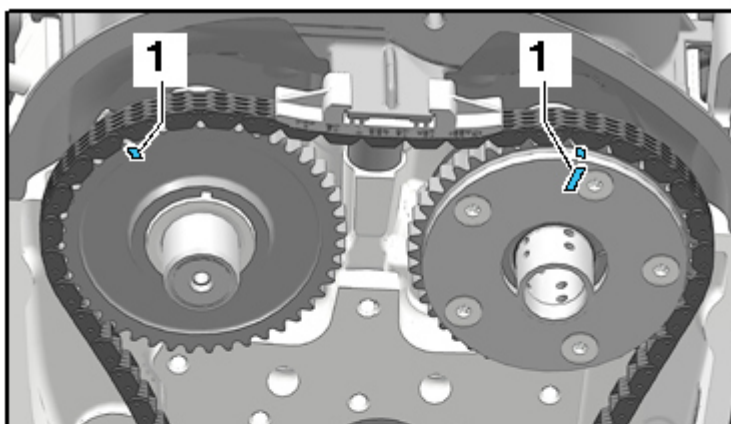
Checking valve timing

- Remove timing chain cover (top) → Chapter.
- Remove noise insulation →Rep. gr.66.
- Working from below, turn vibration damper in direction of engine rotation to „TDC“ position -arrow-.

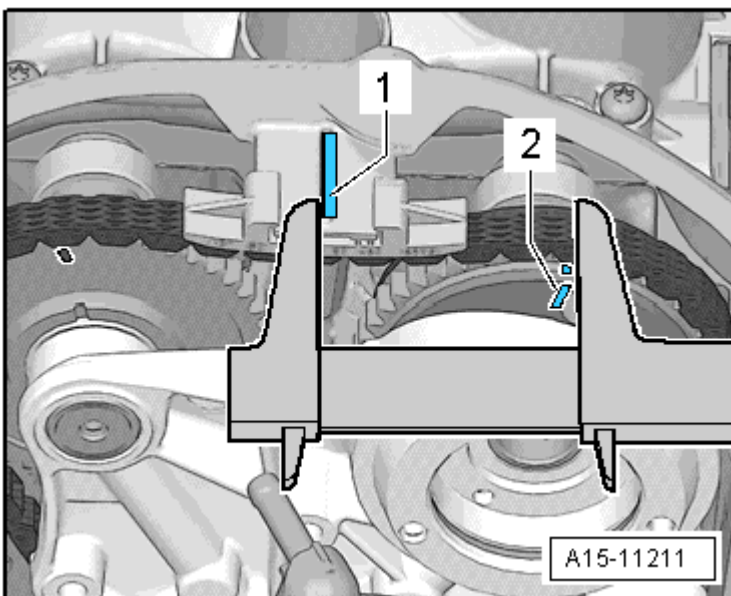
 **Note**

To turn the vibration damper, use a ratchet with 24 mm socket. Always turn vibration damper to „TDC“ in normal direction of rotation. Do NOT move back to TDC position by turning in reverse direction.

- Notch on vibration damper must align with arrow marking on bottom cover for timing chains (use a mirror).
- The markings -1- on the camshafts must face upwards.



- Measure distance from outer edge of rib -1- to marking -2- on inlet camshaft.
- Specification: 61 ... 64 mm.



- If specification is obtained, measure distance between marking on exhaust camshaft -3- and marking on inlet camshaft -4-.
- Specification: 124 ... 126 mm.

**Note**

If the timing chain is one tooth out of position, this results in a deviation of approx. 6 mm from specification. The timing chain must be refitted if it is not in the correct position.

