

Camshaft Seal

Special tools and workshop equipment required

- ◆ Seal Installer - Crankshaft/Camshaft -10-203-
- ◆ Puller - Camshaft Seal -T10443-
- ◆ Torque Wrench 1331 5-50Nm -VAG 1331-
- ◆ Torque Wrench 1332 40-200Nm -VAG 1332-
- ◆ M12 × 1.5 x 75 Bolt

Removing

- Remove the toothed belt from the camshaft and high pressure pump gears. Refer to → [Chapter „Toothed Belt“](#).
- Remove the camshaft gear and the hub. Refer to → [Chapter „Camshaft“](#).



Caution

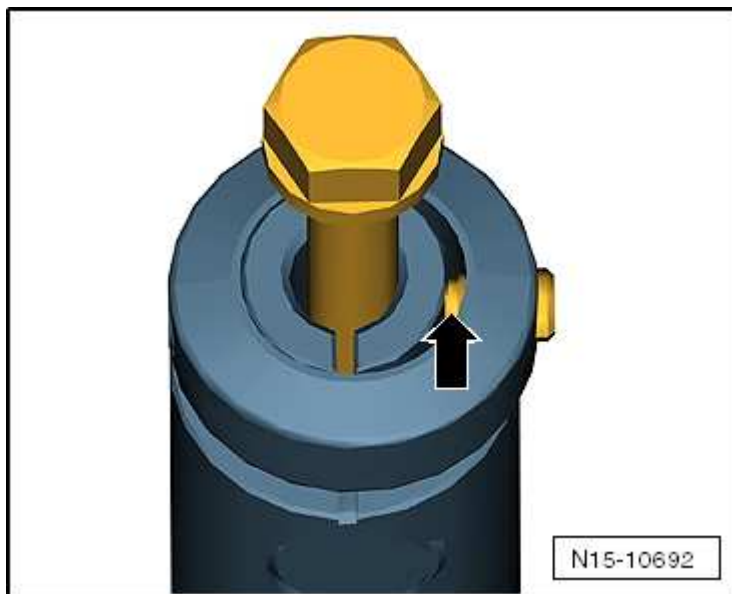
The thrust pad will fall off the pressure bolt if it is turned backward too far. In this case, it is necessary to press the thrust pad back onto the pressure bolt.

- Turn back the pressure bolt on the seal puller until a slight resistance is felt.



Note

The clamping sleeves on the seal puller have set screws. Only one of the set screws -arrow- tightens the clamp. The other one can not be adjusted.



- Install the seal puller as illustrated and tighten the set screw -A-.
- Turn the pressure bolt -B- until the seal is pulled out.

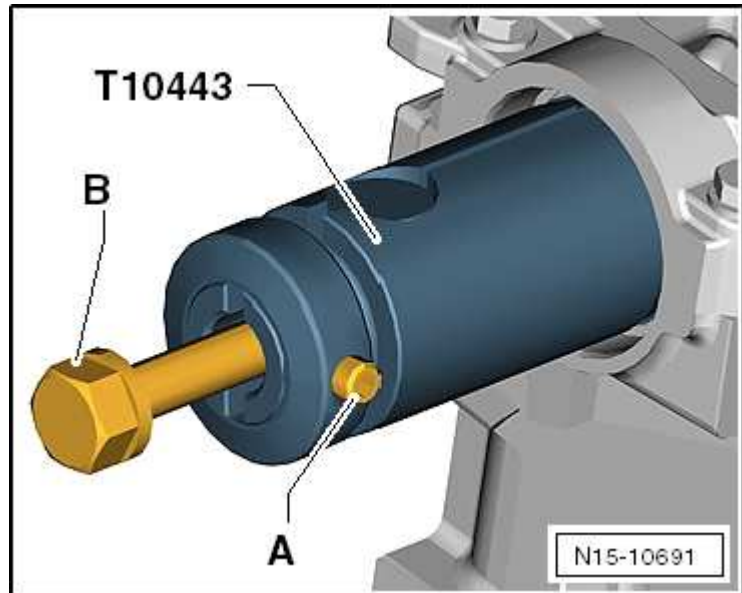
Installing



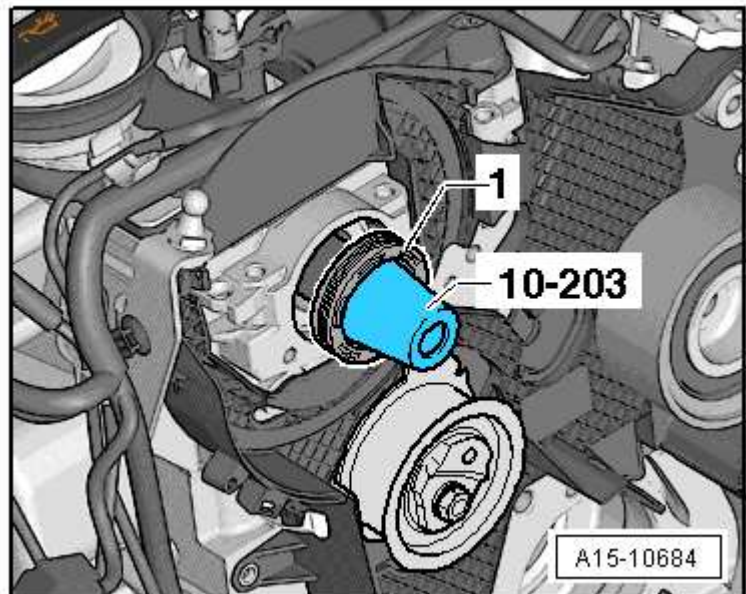
Note

The sealing lip of the seal may not be additionally oiled or greased.

- Clean off any oil on the camshaft with a clean cloth.



- Mount the guide sleeve from the Seal Installer - Crankshaft/Camshaft -10-203- onto the camshaft as illustrated. The writing on the seal faces the outside.
- Carefully slide the seal -1- over the guide sleeve and onto the camshaft.



- Press the seal in up to the stop using the thrust piece of the Seal Installer - Crankshaft/Camshaft -10-203- and M12 x 1.5 x 65 bolt.
- Install the camshaft gear and hub. Refer to → [Chapter „Camshaft“](#).
- Install the toothed belt and adjust the valve timing. Refer to → [Chapter „Toothed Belt“](#).

