

Sealing Flange with Crankshaft Seal, Belt Pulley Side

Special tools and workshop equipment required

Assembly Tool -T40048-

Hand drill with plastic brush attachment

Protective eyewear

Sealant, refer to [→ Electronic Parts Catalog "ETKA "](#)

Procedure

- Remove the ribbed belt from the coolant pump. Refer to [→ Chapter „Coolant Pump Ribbed Belt Pulley“](#).
- Remove vibration damper. Refer to [→ Chapter „Vibration Damper“](#).

- Remove the bolts -arrows-.
- Loosen the sealing flange on the ribbed belt side from the bond.



Note

Replace the ribbed belt side sealing flange.



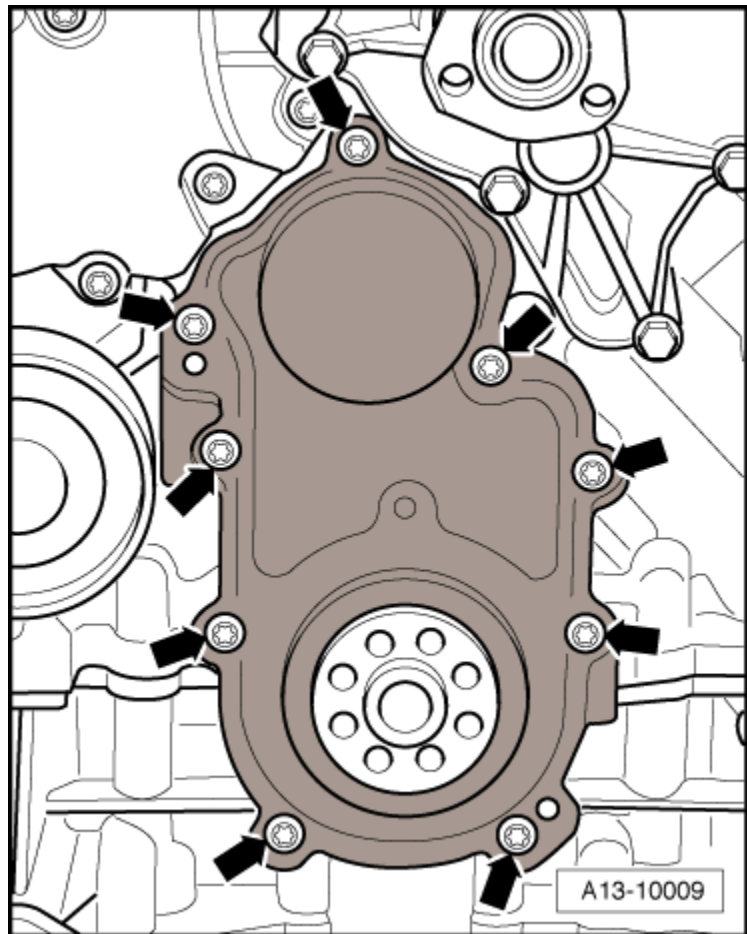
Caution

Make sure that no sealant residue enters the engine.



WARNING

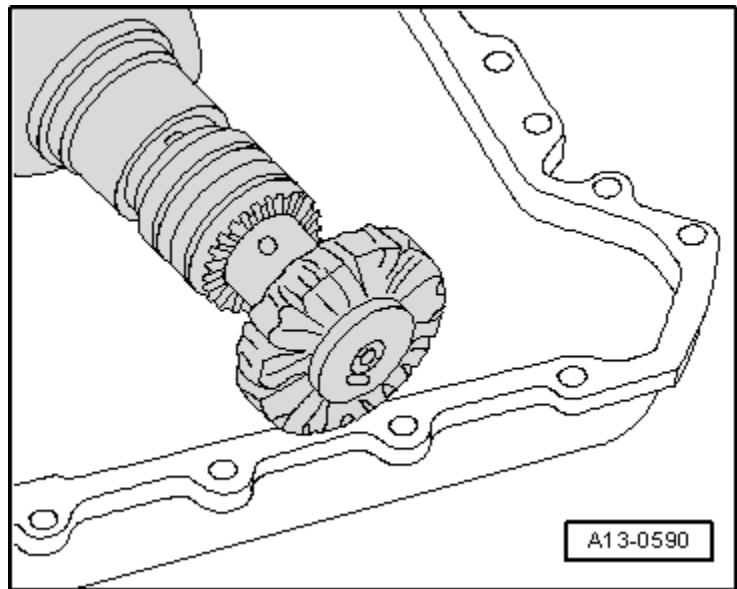
Wear safety glasses.



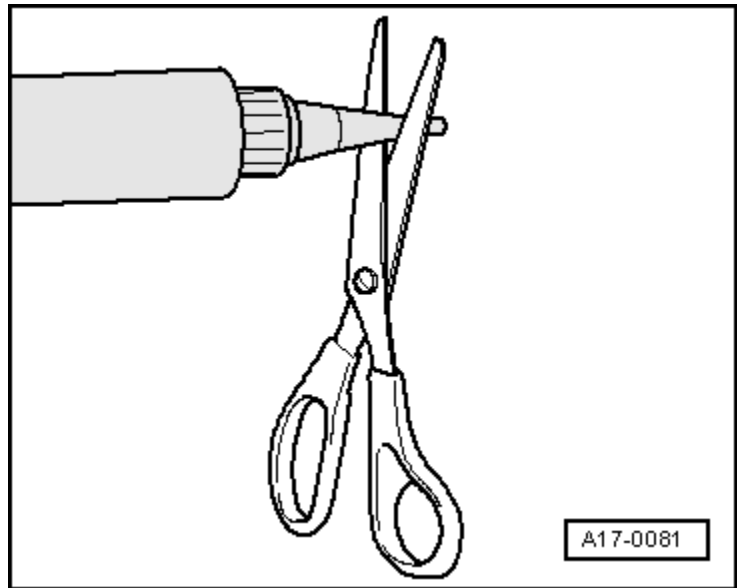
- Remove any sealant residue remaining on the cylinder block and the upper section of the oil pan, for example, use a rotating plastic brush.
- Clean sealing surfaces so they are completely free of any oil or grease.



Note



A13-0590



A17-0081

Note the expiration date of the sealing compound.

- Cut tube nozzle at front marking (jet dia. approximately 1.5 mm).

- Apply bead of sealant as illustrated to the clean sealing surface of the sealing flange.

1 The groove -arrow- of sealing surface must be completely filled with sealant.

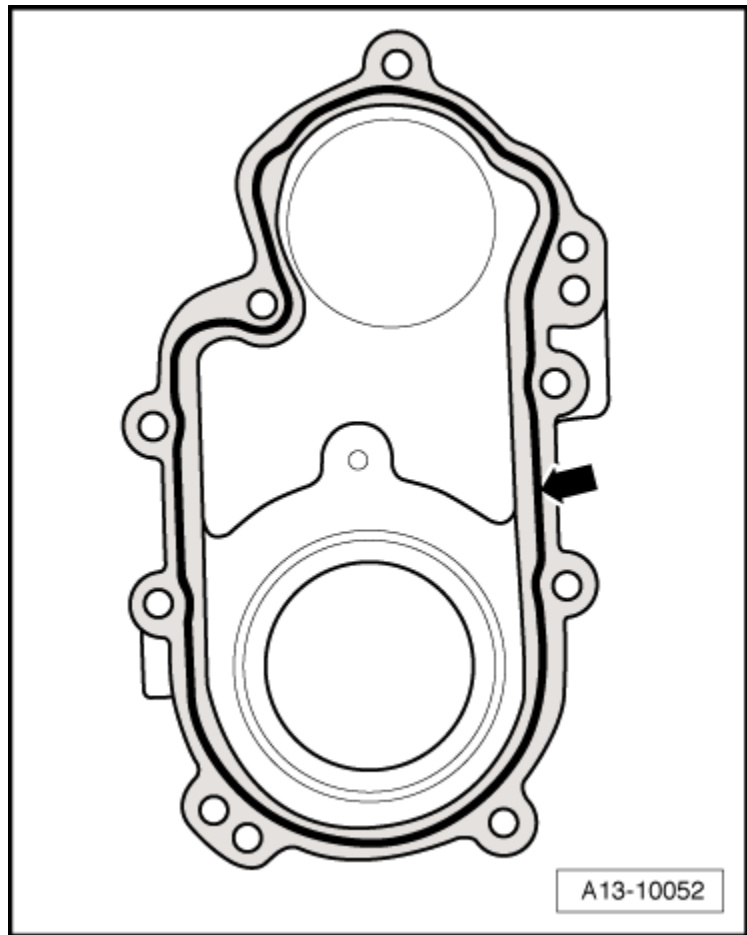
1 The sealant bead must be 1.5 to 2.0 mm above the sealing surface.



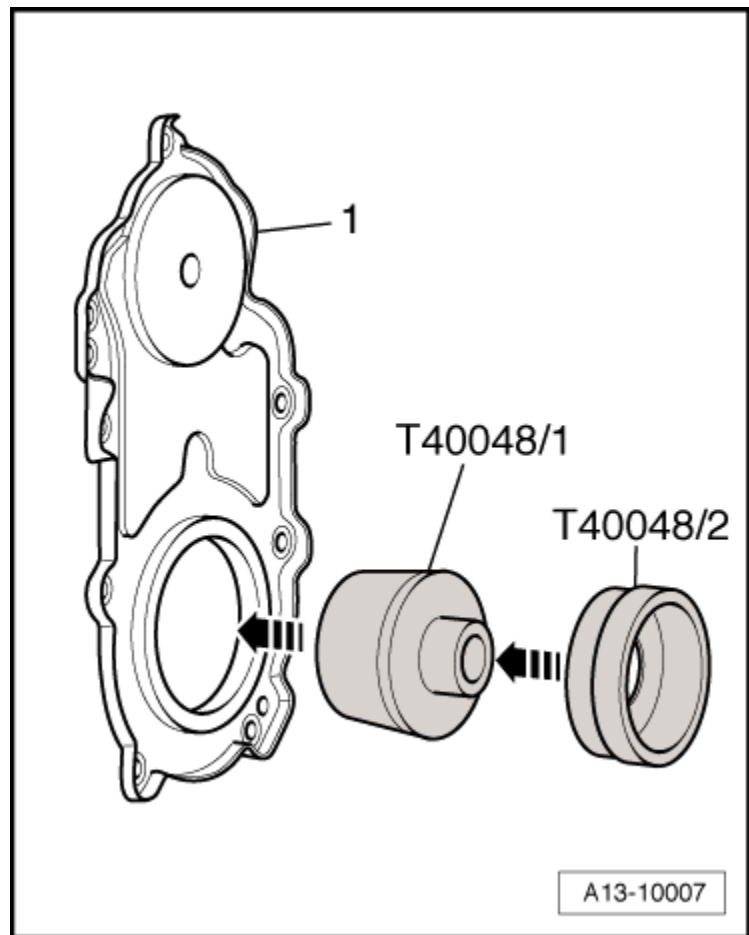
Note

Sealant bead must not be thicker than specified, otherwise sealant could get into oil pan and clog the oil pump strainer.

The sealing flange on the belt pulley side must be installed within 5 minutes after applying the sealant.



- Insert Assembly Device -T40048/1- onto
- Pull Sleeve -T40048/2- and slide sealing flange -1- onto pull sleeve.
- Remove assembly device.

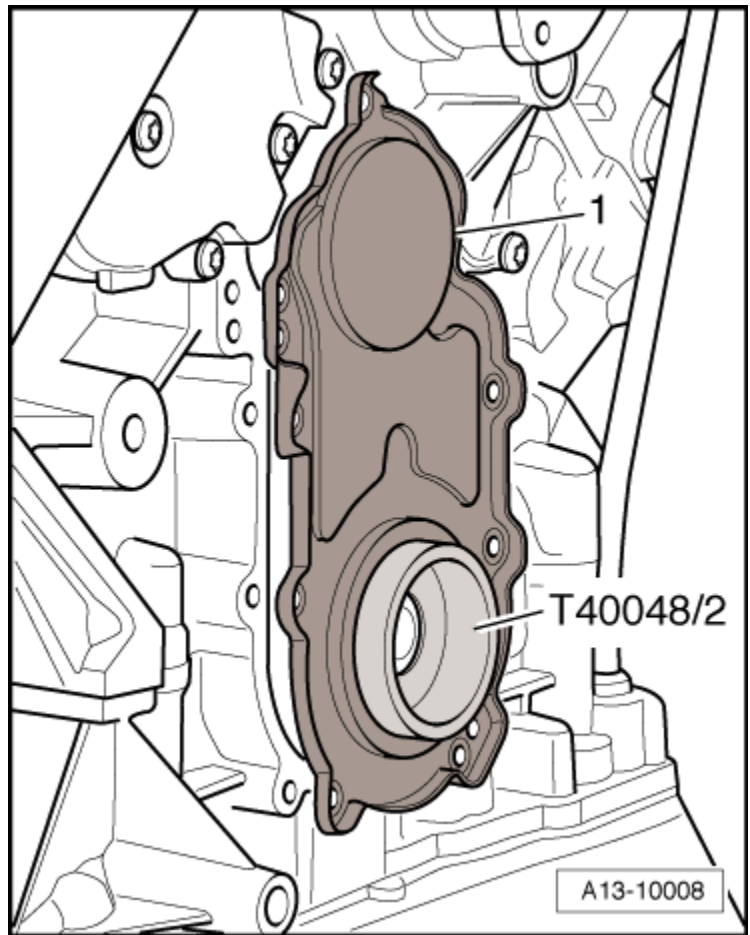


- Place the sealing flange with inserted Pull Sleeve -T40048/2- onto crankshaft.
- Without tipping, push the sealing flange onto engine sealing surface and fasten.

Further installation is in reverse order of removal, note the following:

- Install vibration damper. Refer to [→ Chapter „Vibration Damper“](#).
- Install the coolant pump ribbed belt. Refer to [→ Chapter „Coolant Pump Ribbed Belt Pulley“](#).
- Install ribbed belt. Refer to [→ Chapter „Ribbed Belt“](#).

Tightening Specifications



Component	Nm
Sealing flange belt pulley side on the cylinder block	9 ¹⁾
1 ¹⁾ Tighten diagonally in stages.	