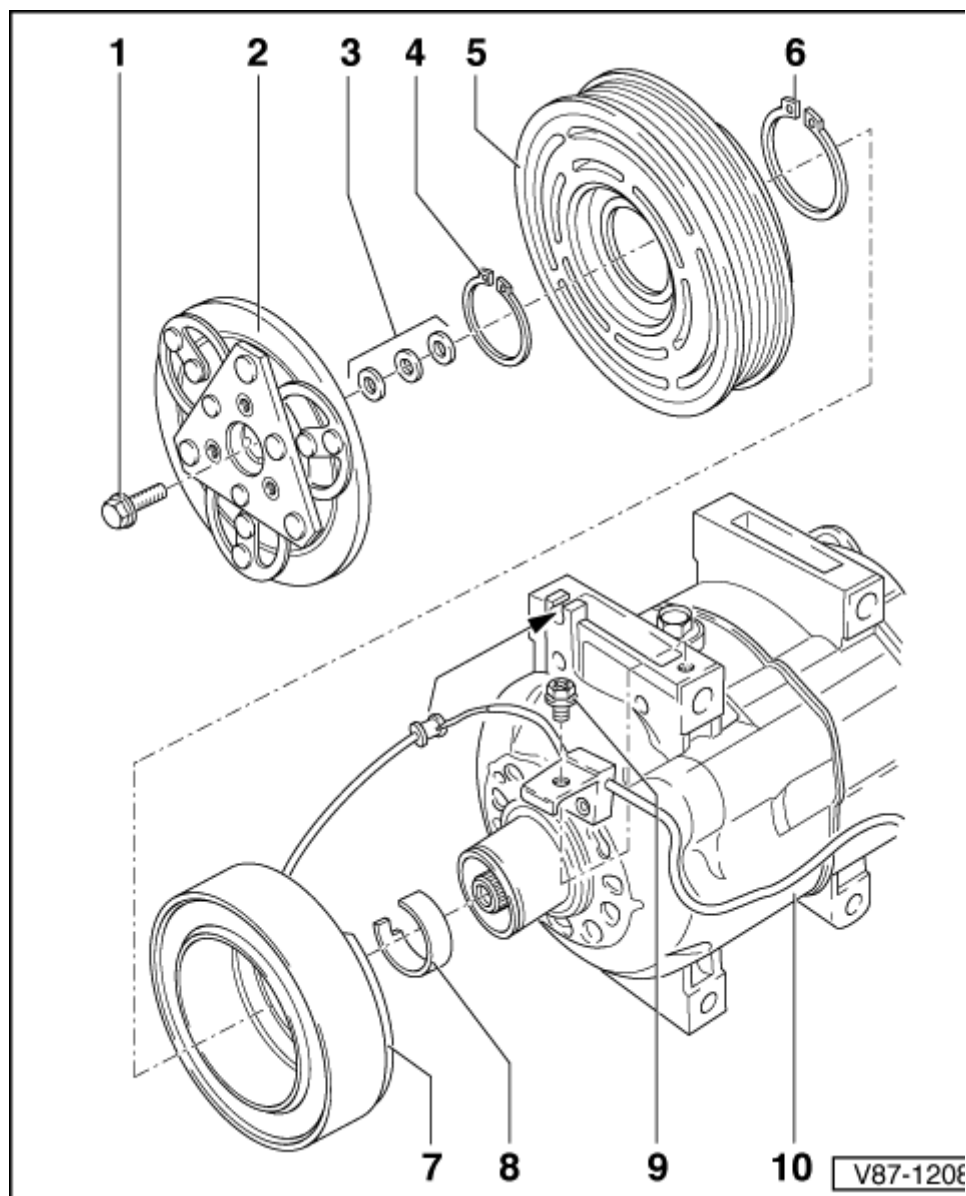


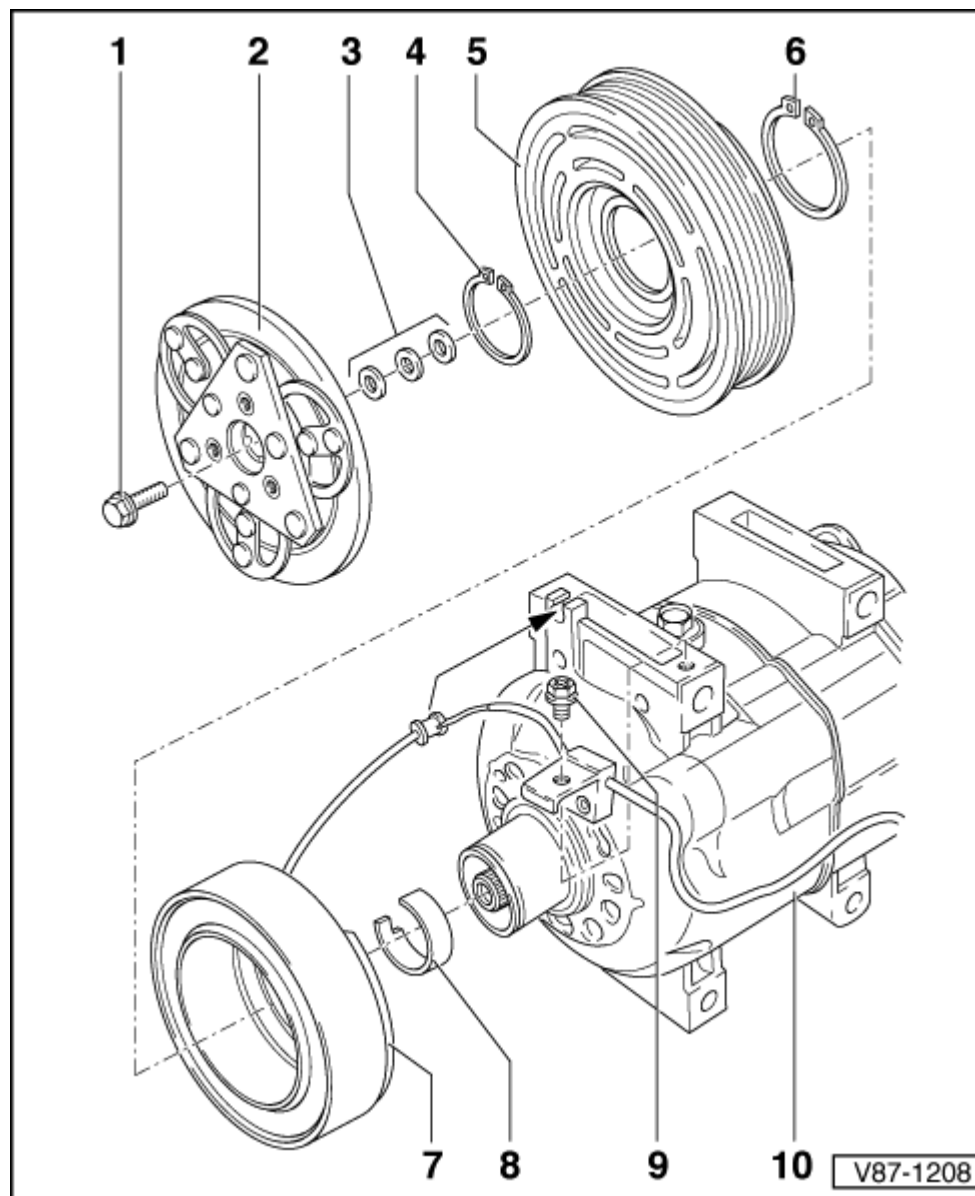
Servicing magnetic clutch -N25 Zexel compressor

1. **Bolt - 15 Nm**
 - ☐ Unfastening and tightening => Fig.1
2. **Clutch plate**
 - ☐ Pulling off => Fig.2
3. **Spacer**
 - ☐ For adjusting the gap width
 - ☐ Checking gap size => Fig.6
4. **Circlip**
 - ☐ Replace
 - ☐ Install on correct side (flat side facing compressor)
 - ☐ Ensure correct seating in groove



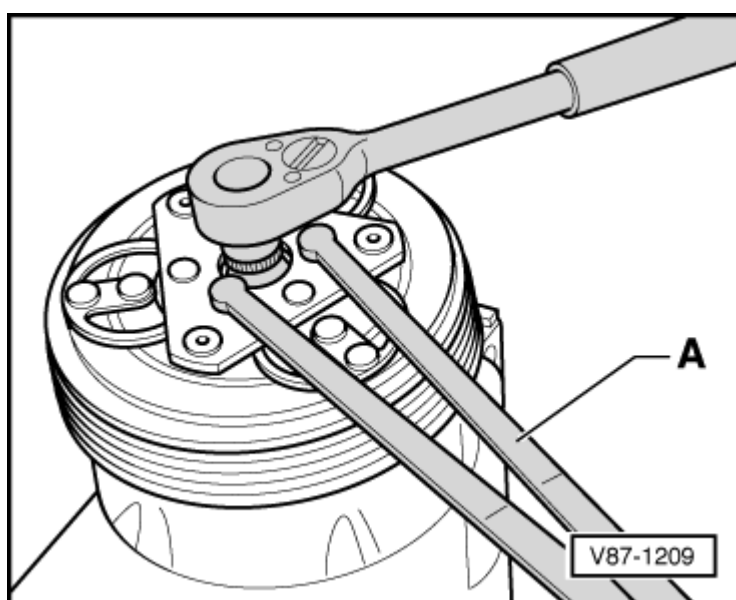
5. **Pulley**
 - ☐ Pulling off => Fig.3
 - ☐ Installing => Fig. 4,
6. **Circlip**
 - ☐ Replace
 - ☐ Install on correct side (flat side facing compressor)
 - ☐ Ensure correct seating in groove
7. **Magnetic coil**
 - ☐ Installing => Fig. 5,

- 8. Felt ring
 - ☐ Replace
- 9. Screw
- 10. Compressor



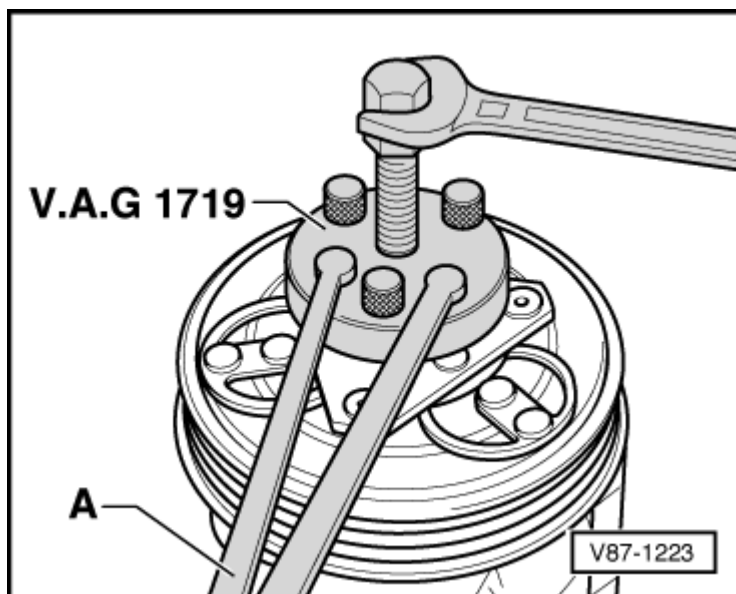
→ Fig.1 Loosening and tightening hexagon bolt

- ☐ Use a commercially available pin-type face spanner -A- (pin- \varnothing 4 mm).
- ☐ Tighten bolt to 15 Nm.



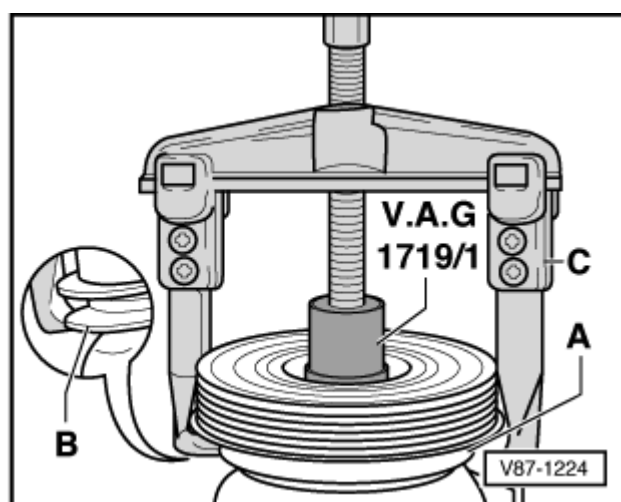
→ Fig.2 Pulling off clutch plate

- Counterhold with a commercially available pin-type face spanner -A-.



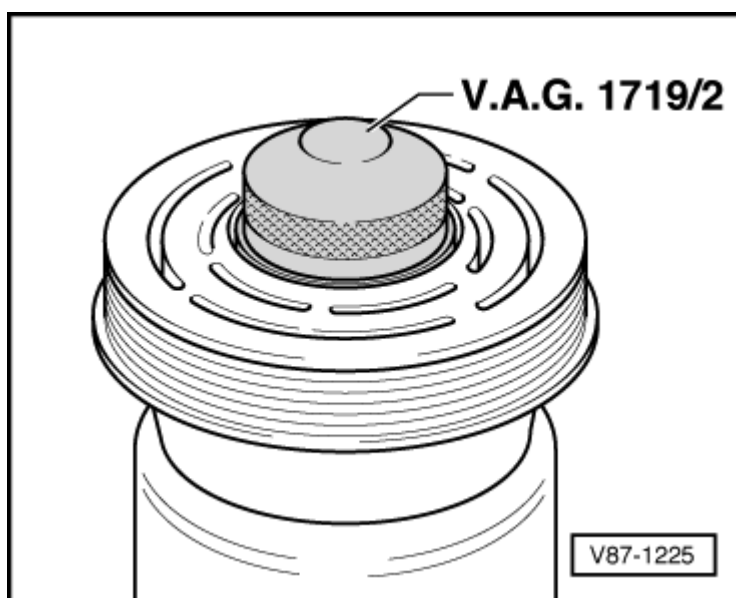
→ Fig.3 Removing pulley

- Remove the felt ring.
- Position two-arm puller -C- as described below, to prevent any damage to pulley.
 - At shoulder -A-on case of pulley for ribbed V-belt
 - Behind pulley groove -B-in case of pulley for V-belt



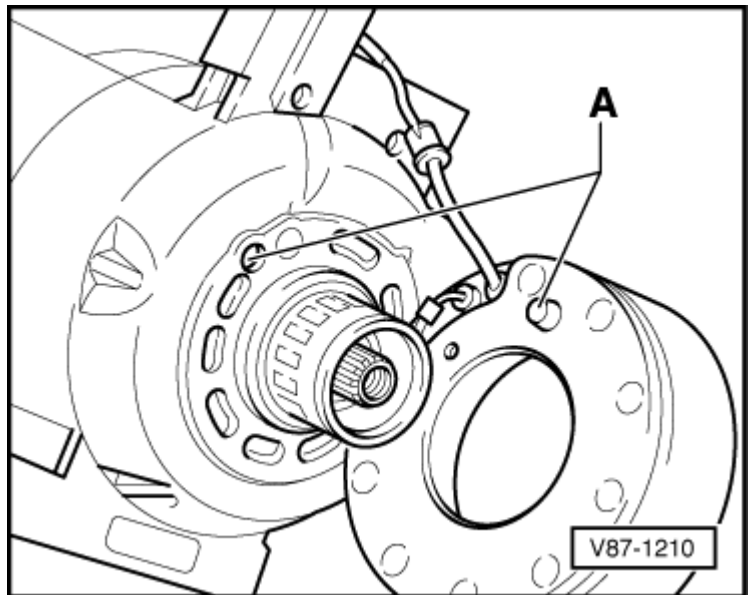
→ Fig.4 Installing pulley

- Clean the contact surface
- Install the belt pulley with the special tool V.A.G 1719/2 and a plastic-headed hammer.



→ Fig.5 Installing magnetic coil

- Place lug - A- in recess.



→ **Fig.6** Checking gap width

- Check gap width between pulley and clutch plate:
 - Gap width = 0.3 - 0.6 mm

Note:

The gap width must be within the tolerance over the entire periphery.

