

Checking alignment of poly V-belt

After renewing any of the following components, it is necessary to check the alignment of the poly V-belt:

- ◆ Power steering pump
- ◆ Air conditioner compressor
- ◆ Bracket for power steering pump and AC compressor

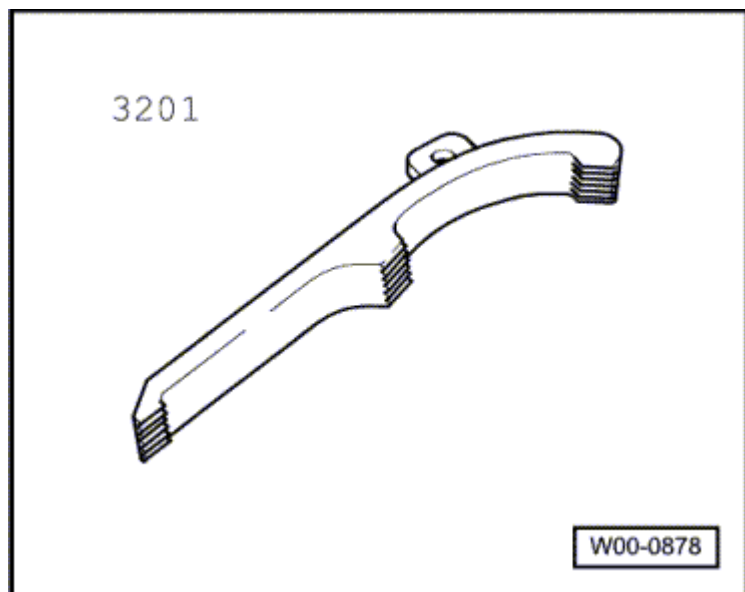


Note

To prevent damage to the poly V-belt, check the alignment of the poly V-belt between the air conditioner compressor and the power steering pump.

Special tools and workshop equipment required

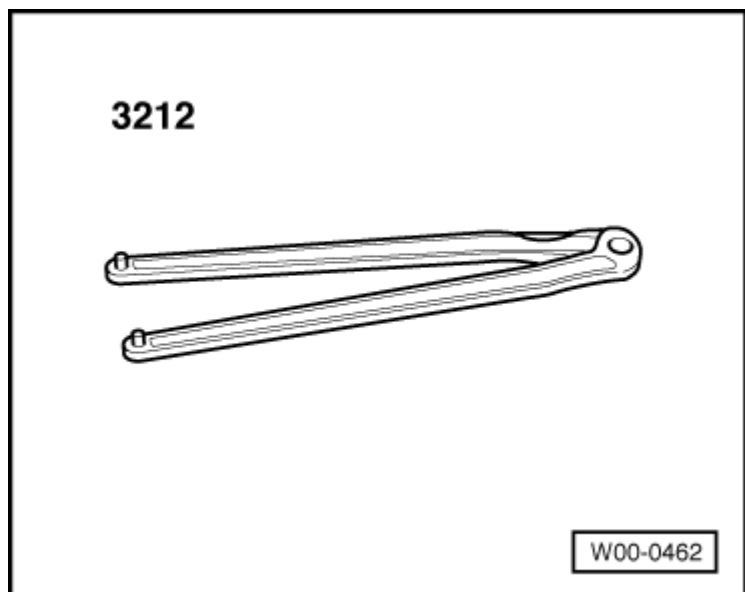
- ◆ Alignment gauge -3201-



- ◆ Pin wrench -3212-

Test sequence

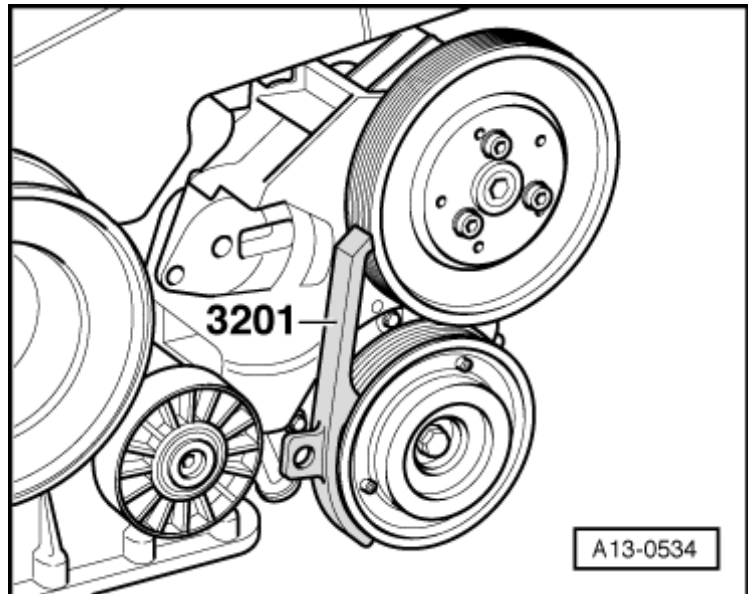
- Lock carrier in service position → Rep. Gr.50.
- Poly V-belt must be removed → Chapter.



- Apply alignment gauge -3201- onto poly V-belt pulley for air conditioner compressor.

- ♦ The poly V-belt pulley of the power steering pump must align with the poly V-belt pulley of the air conditioner compressor.

If the two poly V-belt pulleys are not aligned:

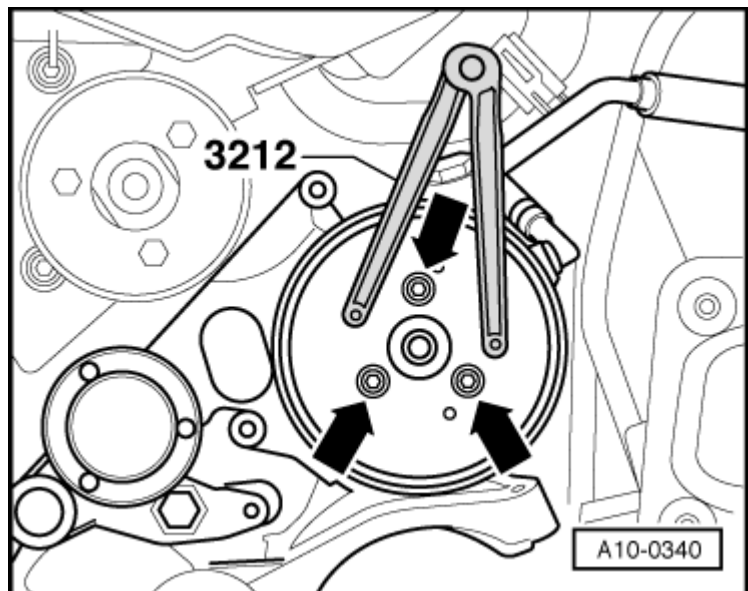


- Unscrew bolts -arrows- at pulley for power steering pump.



Note

- ♦ When slackening off and tightening bolts, counterhold with pin wrench - 3212-.
- ♦ Installation position: the word "vorne" (front) on the poly V-belt pulley faces the direction of travel.



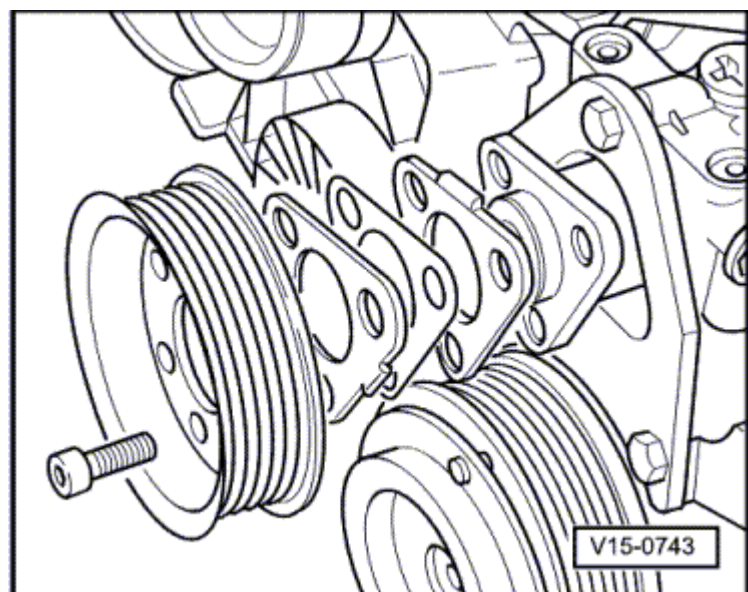
- Use shims of thicknesses 0.5, 1.0 and 1.5 mm to align pulley for power steering pump with pulley for air conditioner compressor: part No. → [Parts catalogue](#).
- Then check alignment of pulleys using alignment gauge -3201-. Repeat adjustment if necessary.



Note

Secure all hose connections with the correct type of hose clips (same as original equipment) → [Parts catalogue](#).

Tightening torques



Component	Nm

Pulley to power steering pump	22
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