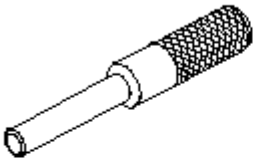
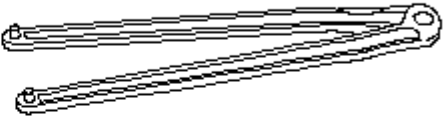
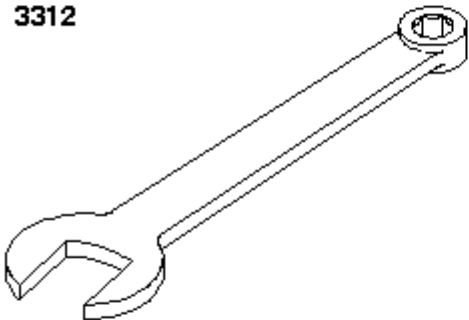


Removing and installing poly V-belt

<p>3204</p> 	<p>3212</p> 
<p>3312</p> 	
	<p>G13-10003</p>

Special tools and workshop equipment required

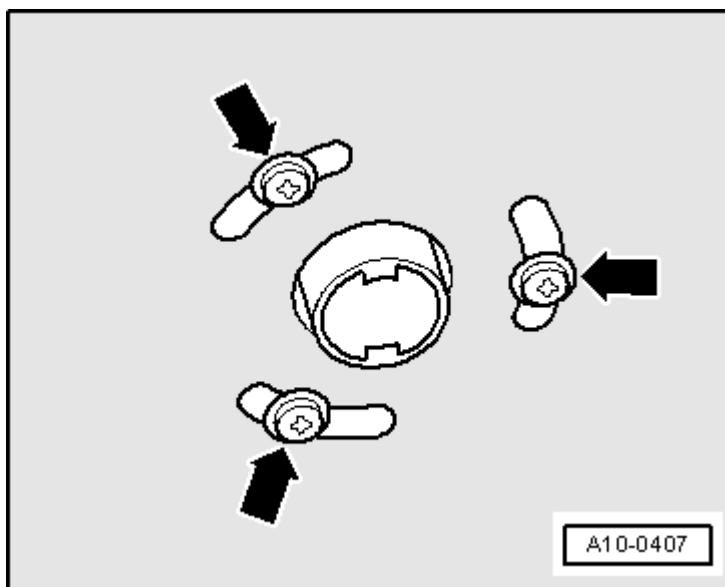
- ♦ Locking pin -3204-
- ♦ Pin wrench -3212-
- ♦ Open-end spanner -3312-

Removing

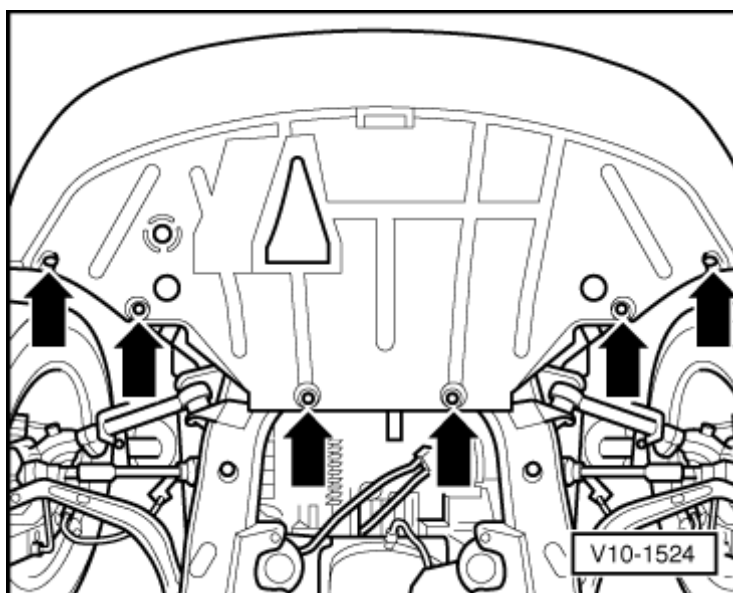
Vehicles with auxiliary heater / supplementary heater:

- Remove bolts -arrows- securing exhaust pipe for auxiliary/supplementary heater to noise insulation.

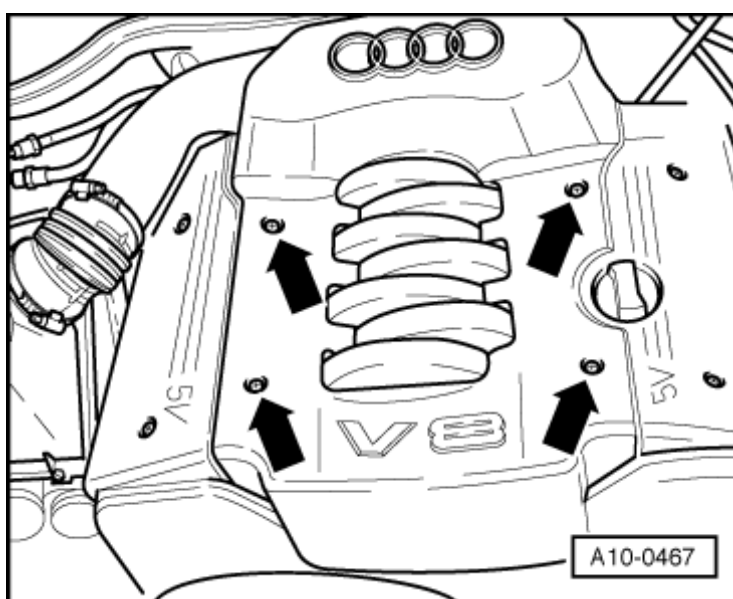
All models:



- Remove noise insulation.
- Remove bumper →Rep. Gr.63.
- Move lock carrier to service position →Rep. Gr.50.
- Remove intake hose for air cleaner.



- Detach engine cover panel.



- Unbolt outer ring for viscous fan - arrows-.



Note

The fan has a left-hand thread.

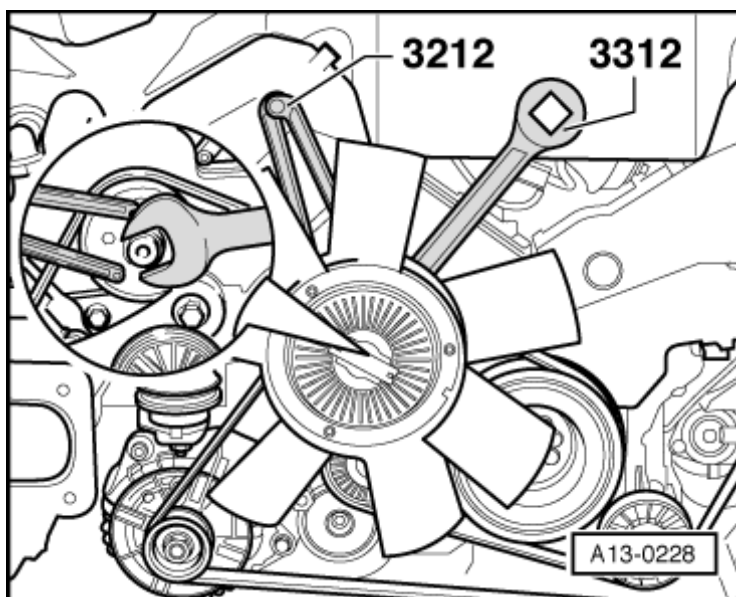


- Hold viscous fan pulley with pin wrench -3212- and unscrew viscous fan using open-end spanner -3312- (left-hand thread).
- Remove viscous fan with its outer ring.



Note

- ♦ *Before removing the poly V-belt, mark the direction of rotation with chalk or a felt pen. If the belt runs in the opposite direction when it is refitted, this can cause breakage.*
- ♦ *When installing the poly V-belt ensure the belt seats correctly in the belt pulleys.*



- To slacken poly V-belt, turn tensioner clockwise in direction of -arrow- with 17 mm ring spanner until the two holes are in alignment, and hold in position with locking pin -3204-.
- Take off poly V-belt.

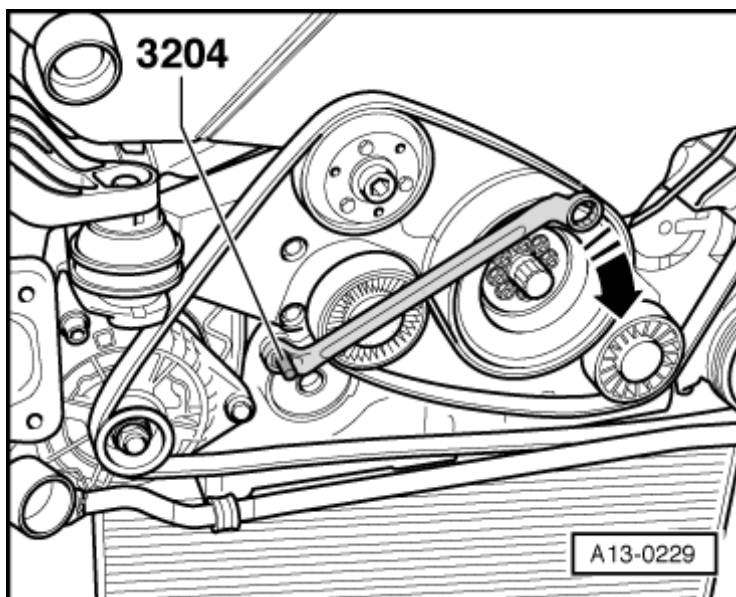
Installing

Installation is carried out in the reverse order; note the following:

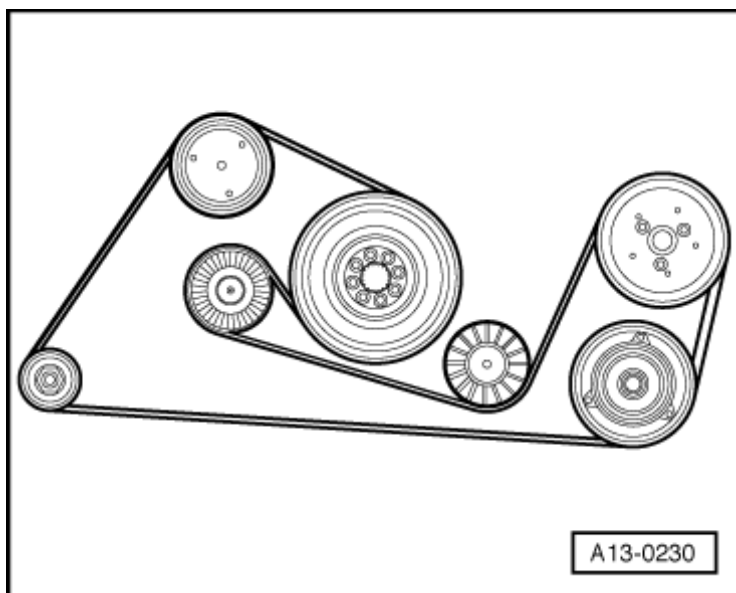


Note

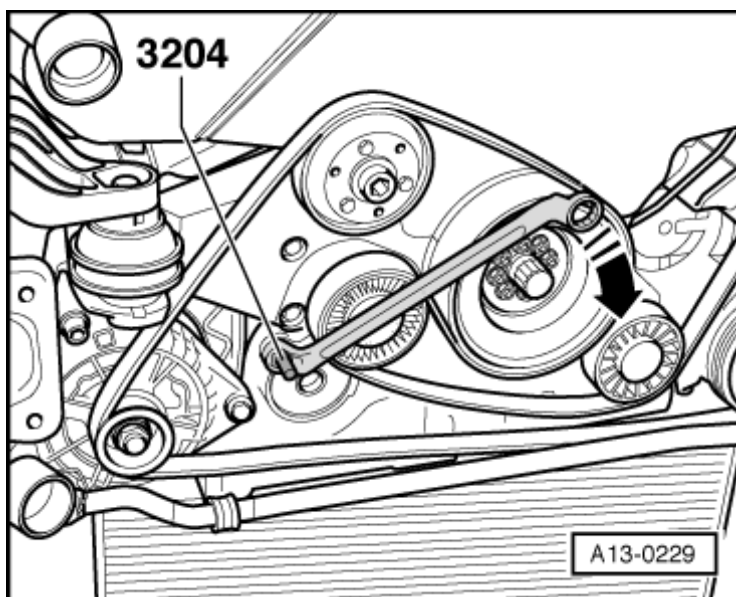
When installing the poly V-belt ensure the belt seats correctly in the belt pulleys.



- Fit poly V-belt on crankshaft pulley and idler rollers first; fit onto tensioning roller last.



- To tension poly V-belt, turn tensioner clockwise in direction of -arrow- with 17 mm ring spanner, and remove locking pin -3204-.
- Start engine and check that belt runs properly.
- Install viscous fan together with its outer ring (fan has left-hand thread).

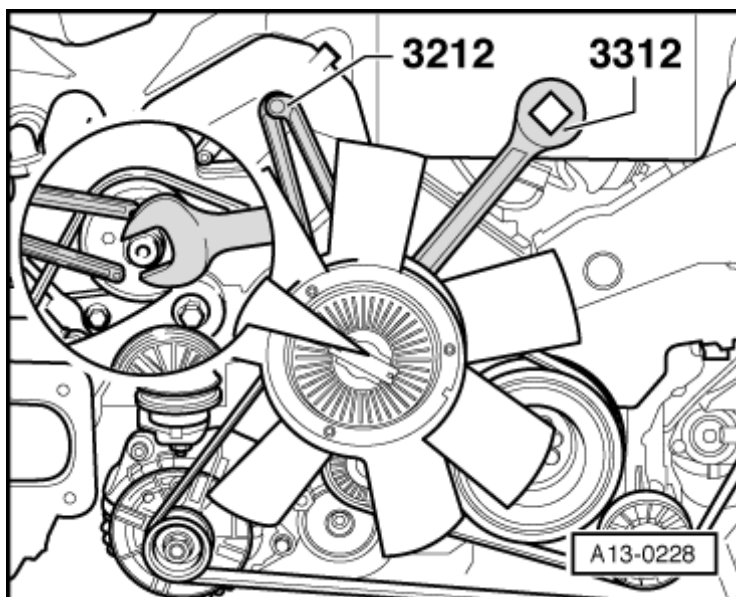


- Hold viscous fan pulley with pin wrench -3212- and secure viscous fan using

open-end spanner -3312- and torque wrench -V.A.G 1331- (left-hand thread).

- Fit noise insulation.
- Fit engine cover panel.

Tightening torques



Component	Nm
Viscous fan with torque wrench -V.A.G 1331- and open-end spanner -3312-.	37
Viscous fan with torque wrench -V.A.G 1332- without open-end spanner -3312-.	70
Outer ring of fan to radiator	10