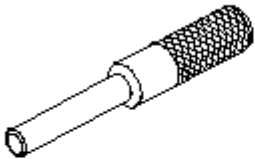
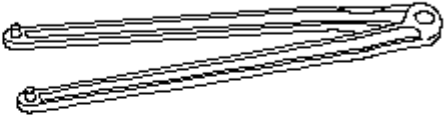
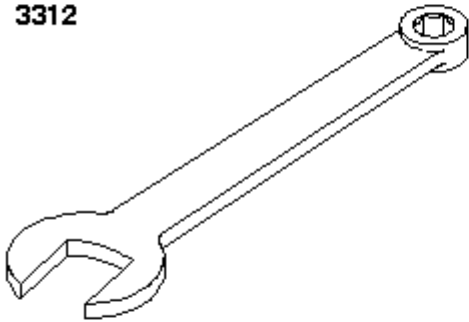


## Removing and installing poly V-belt

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

### Special tools and workshop equipment required

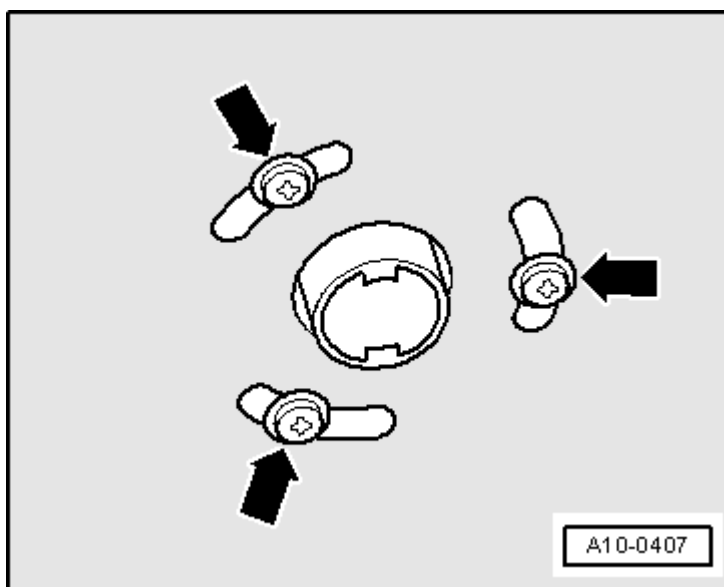
- ♦ Locking pin -3204-
- ♦ Pin wrench -3212-
- ♦ Open-end spanner -3312-

### Removing

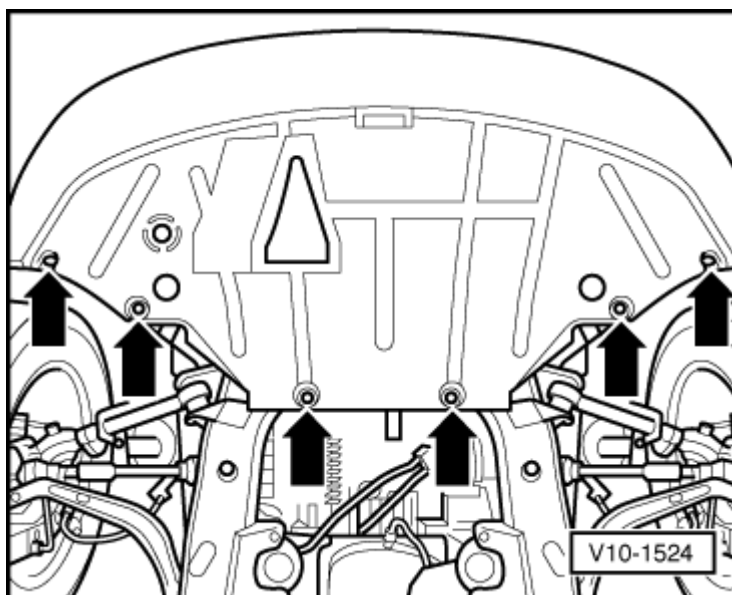
#### Vehicles with auxiliary heater / supplementary heater:

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

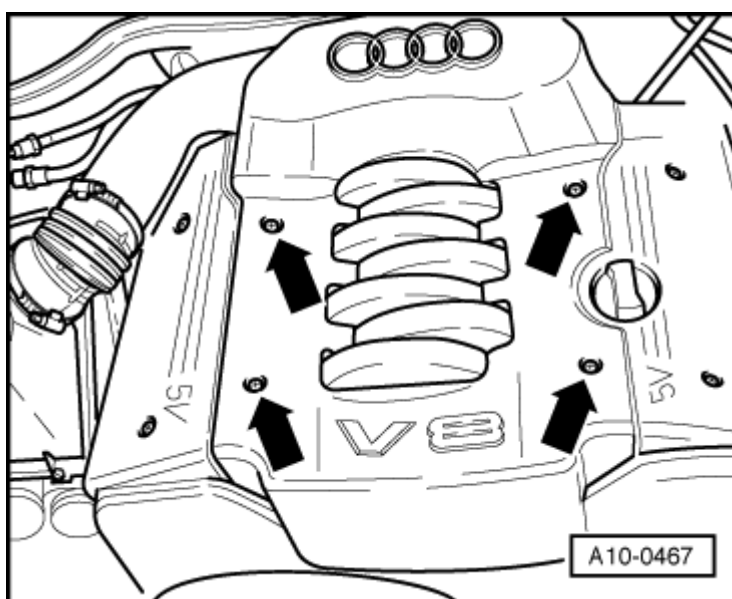
#### All models:



- 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.

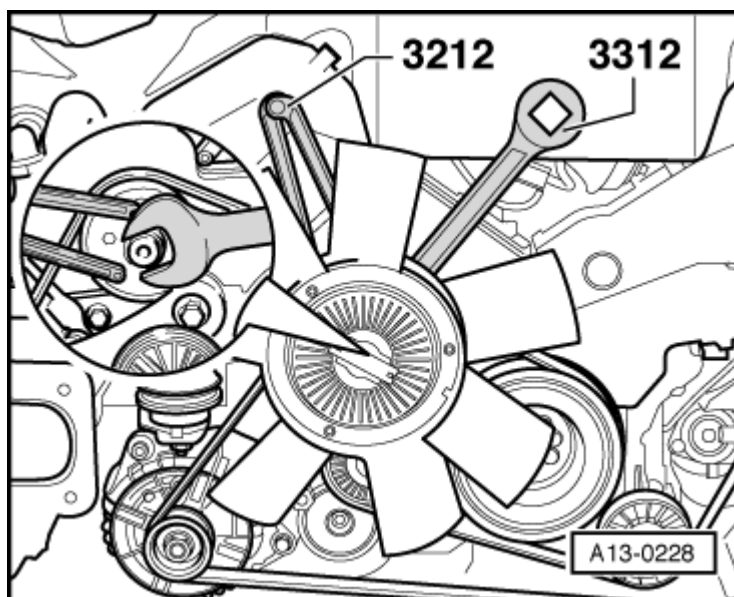


- Hold viscous fan pulley with pin wrench - 3212- and unscrew viscous fan using open-end spanner -3312- (left-hand thread).
- Remove viscous fan with its outer ring.



### 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.



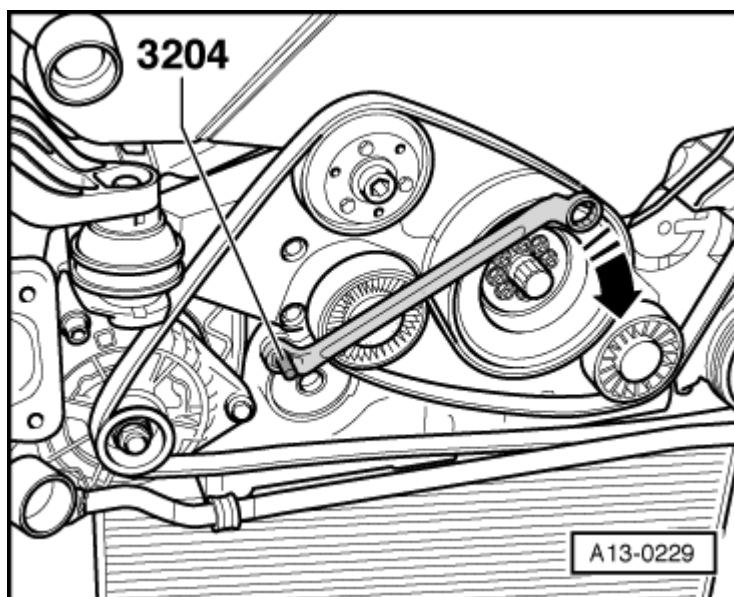
- To slacken poly V-belt, turn tensioner clockwise in direction of -arrow- with 17 mm ring spanner until the two holes are in alignment, and hold in position with locking pin -3204-.
- Take off poly V-belt.

### Installing

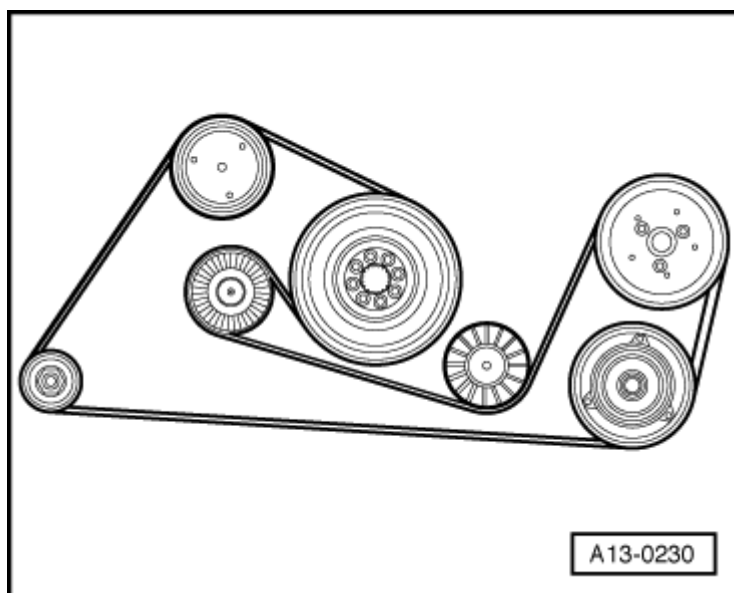
Installation is carried out in the reverse order; note the following:

**Note**

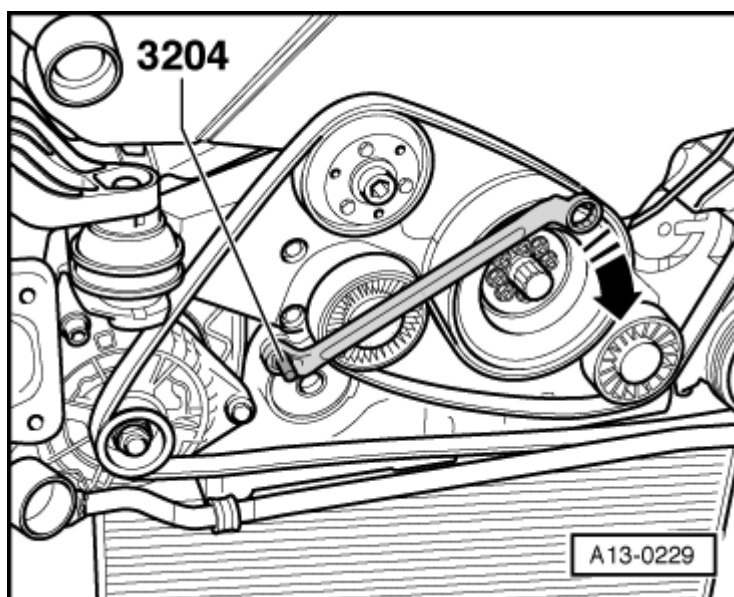
*When installing the poly V-belt ensure the belt seats correctly in the belt pulleys.*



- 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).

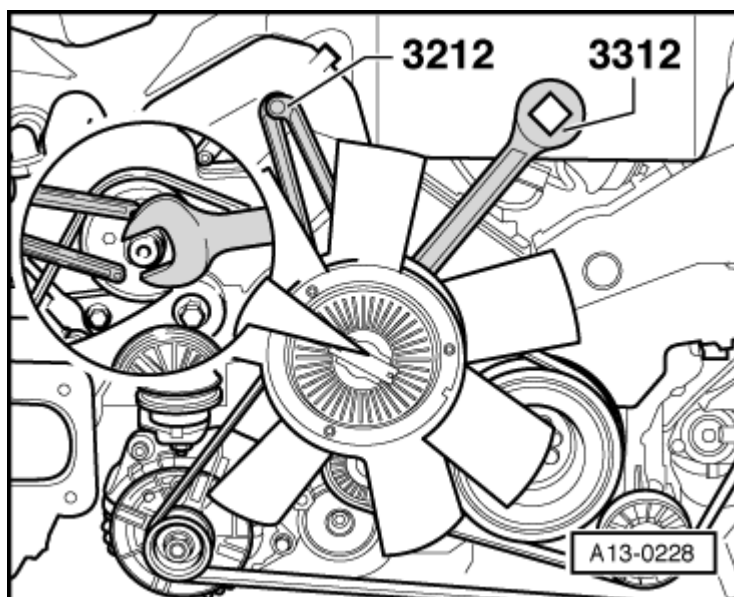


- Hold viscous fan pulley with pin wrench - 3212- and secure viscous fan using open-

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