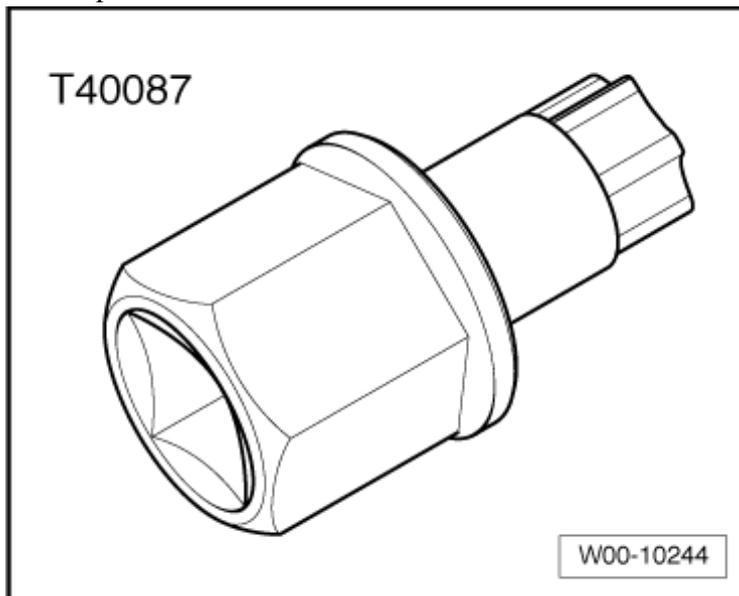


Removing and installing poly V-belt

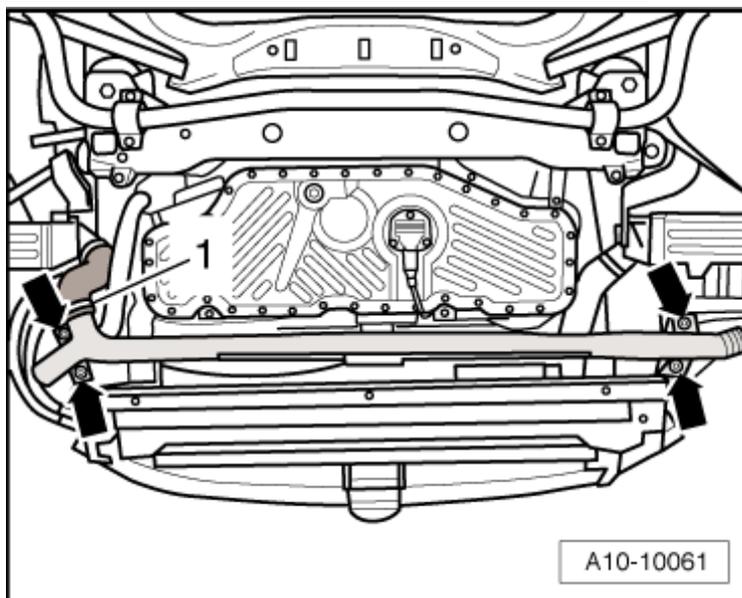
Special tools and workshop equipment required

t Socket Torx T 60 -T40087-

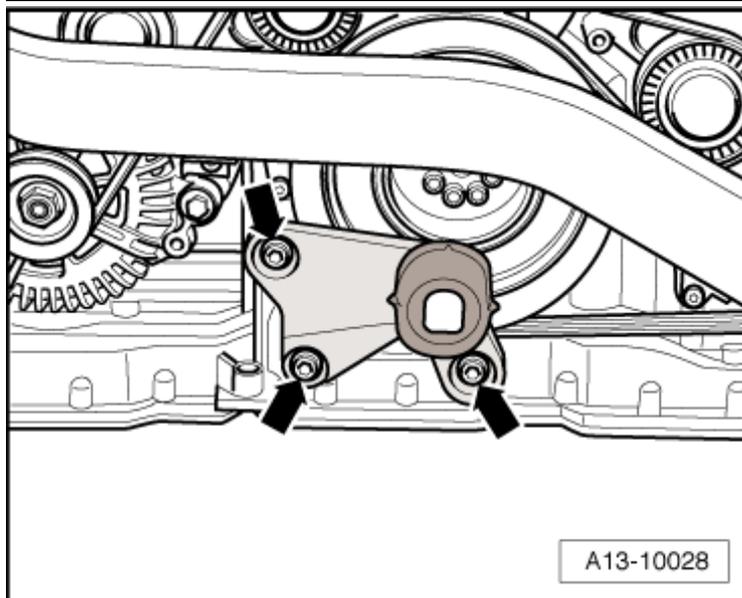


Removing

- Move lock carrier to service position
→ [Chapter](#).
- Disconnect hose -1-.
- Unscrew bolts -arrows- and take out air pipe (bottom).



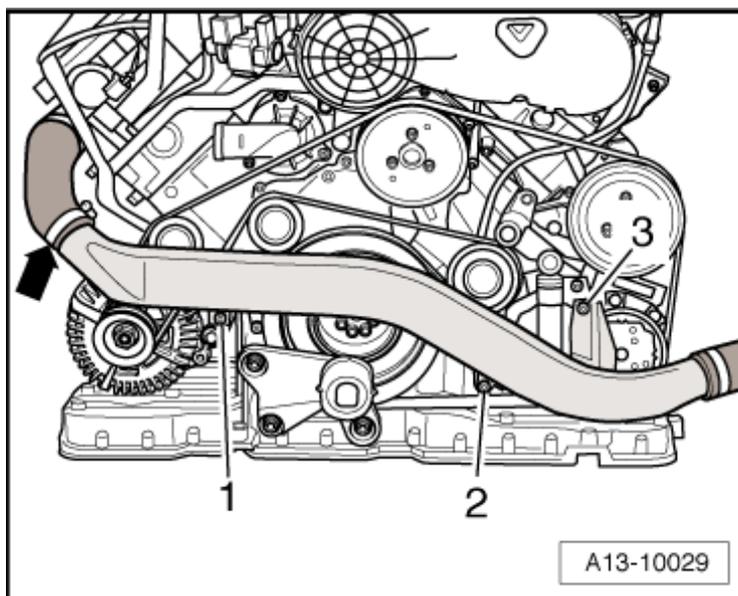
- Unscrew bolts -arrows- and detach torque reaction support from engine.



- Disconnect air intake hose -arrow- from air pipe (top).
- Unscrew bolts -1 ... 3- and detach air pipe (top) from engine.



Note



Before removing, mark direction of rotation of poly V-belt with chalk or felt-tip pen. If the belt runs in the opposite direction when it is refitted, this can cause breakage.

Slacken poly V-belt by swivelling

- tensioner in direction of -arrow-, using
- socket Torx T 60 -T40087- and a long, straight-handled ring spanner or open-end spanner.

- Remove poly V-belt.

Installing

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



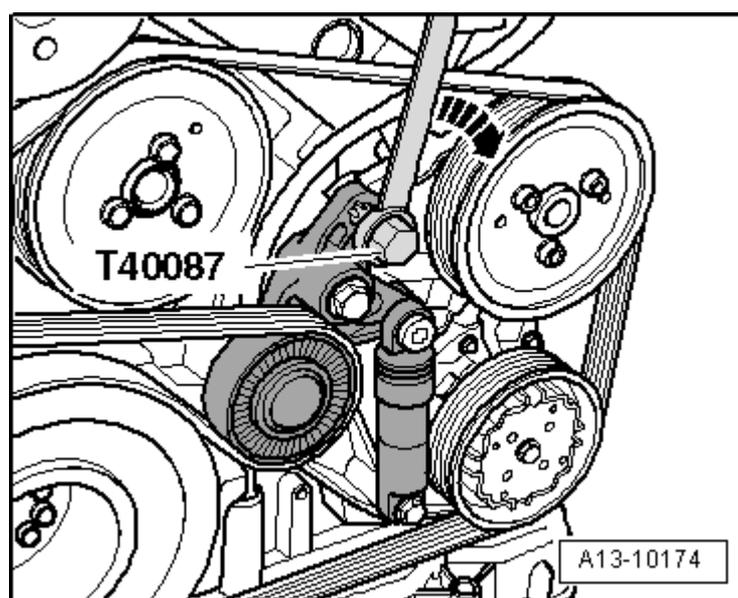
Note

Hose connections and hoses for charge air system must be free of oil and grease before assembly.

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

To ensure that the charge air hoses can be properly secured at their connections, spray rust remover onto the worm thread of used hose clips before installing.

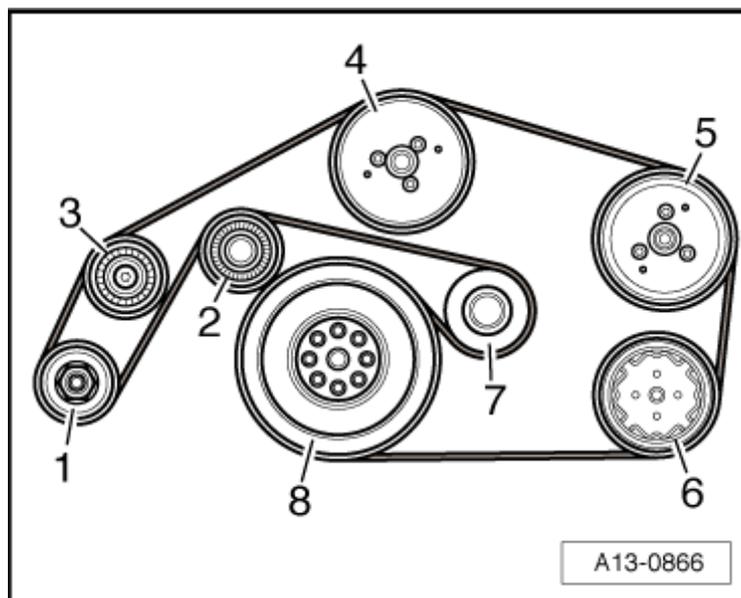
- Fit poly V-belt on pulleys.



Vehicles without additional idler roller:

- 1 - Alternator
- 2 - Idler roller

- 3 - Idler roller
- 4 - Coolant pump
- 5 - Power steering pump
- 6 - Air conditioner compressor
- 7 - Poly V-belt tensioner
- 8 - Crankshaft



Vehicles with additional idler roller:

- 1 - Alternator
- 2 - Idler roller
- 3 - Idler roller
- 4 - Coolant pump
- 5 - Idler roller
- 6 - Power steering pump
- 7 - Air conditioner compressor
- 8 - Poly V-belt tensioner
- 9 - Crankshaft

All vehicles:



Note

When installing poly V-belt, make sure it is properly seated on pulleys.

- Install lock carrier with attachments
→ [Rep. gr.50.](#)

- Slacken bolts -1-

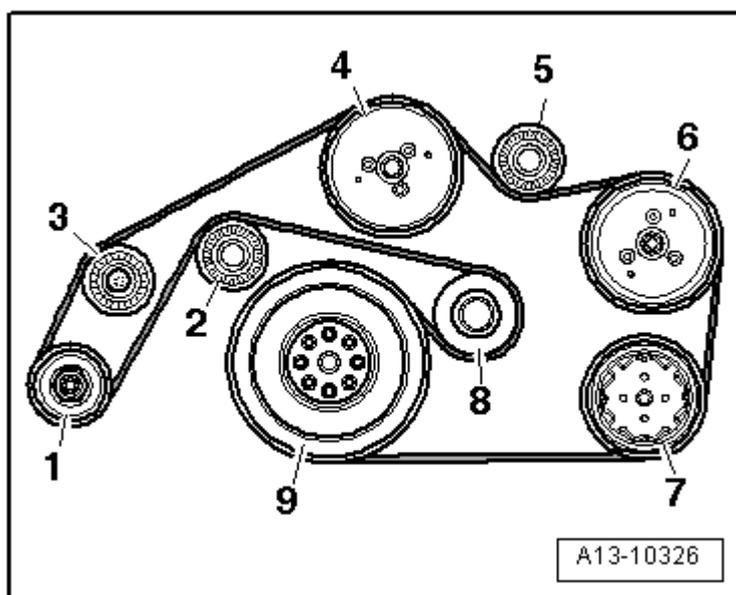
Allow stop for torque reaction support

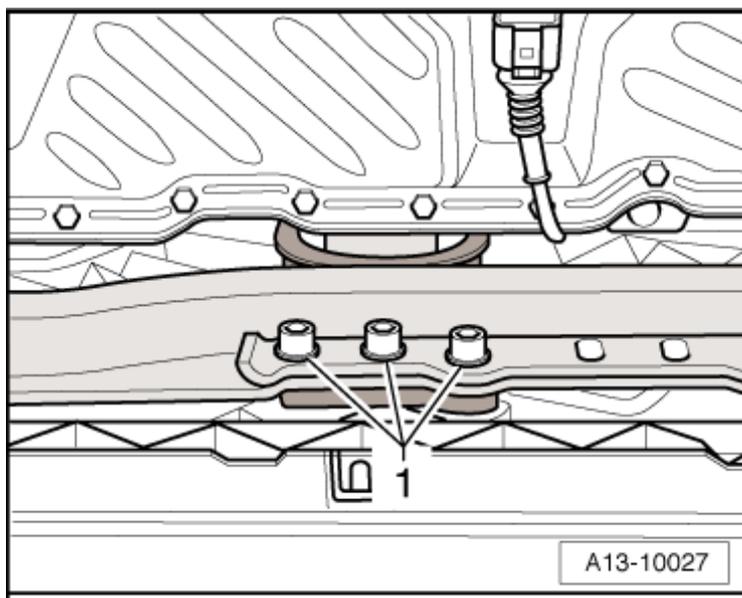
- to rest on rubber buffer for torque reaction support under its own weight, and tighten bolts.

- Start engine and check that belt runs properly.

- Install bumper cover (front) → [Rep. gr.63.](#)

Tightening torques





Component		Nm
Air pipe (top) to engine		9
Torque reaction support to engine		40
Air pipe (bottom) to longitudinal member		40
Torque reaction support bracket to air pipe (bottom)		40
Hose clips	Width 9 mm	3
	Width 13 mm	5.5