

Detaching air conditioner compressor from holder/attaching (vehicles with 4 or 6-cyl. engine)

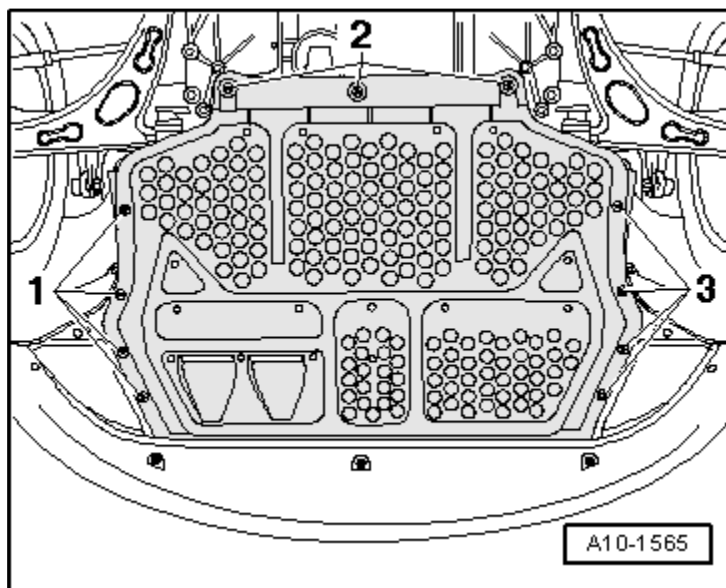


Note

- ♦ The air conditioner compressor can be detached from the holder and re-attached without opening up the refrigerant lines.
- ♦ Detaching and attaching the air conditioner compressor are described in the following for a vehicle with a 2.0 l petrol engine and a "Denso" compressor of type "7 SEU 16". There may be slight differences for vehicles with other engines or a different air conditioner compressor (depending on the engine, it may also be necessary to remove or unfasten certain ancillaries).
- ♦ Do not drain the refrigerant circuit, do not detach the refrigerant hoses and lines at the air conditioner compressor.
- ♦ Do not unfasten the refrigerant lines and the corresponding clamps.
- ♦ After detaching, use wire for example to attach the air conditioner compressor to the longitudinal member. Never leave hanging from the refrigerant lines.
- ♦ Before removing, mark the direction of the poly V-belt with chalk or a felt-tip pen. Running a used belt in the opposite direction could destroy it → [Engine, mechanics; Rep. gr.13](#).
- ♦ Different air conditioner compressors may be fitted depending on engine and country version → [Electronic parts catalogue](#).

Detaching air conditioner compressor from holder

- Remove the top engine cover (depending on engine, not necessary for all types of engine) → [Engine, mechanics; Rep. gr.13](#).
- Remove the centre noise insulation → [General body repairs, exterior; Rep. gr.66](#).
- If applicable, remove the noise insulation frame (currently fitted for example on the Audi A3 Cabrio) → [General body repairs, exterior; Rep. gr.50](#).

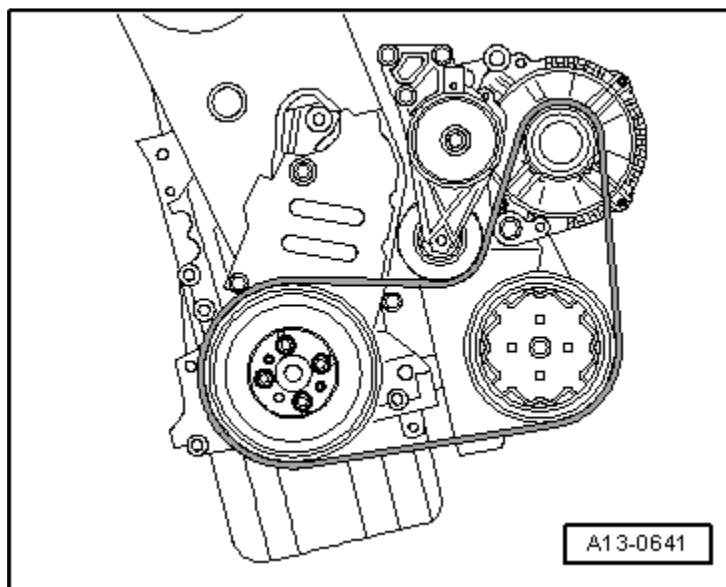


- Mark the direction of the ribbed belt (illustration shows layout for 4-cyl. engine).
- Slacken off and detach the poly V-belt
→Engine, mechanics; Rep. gr.13.



Note

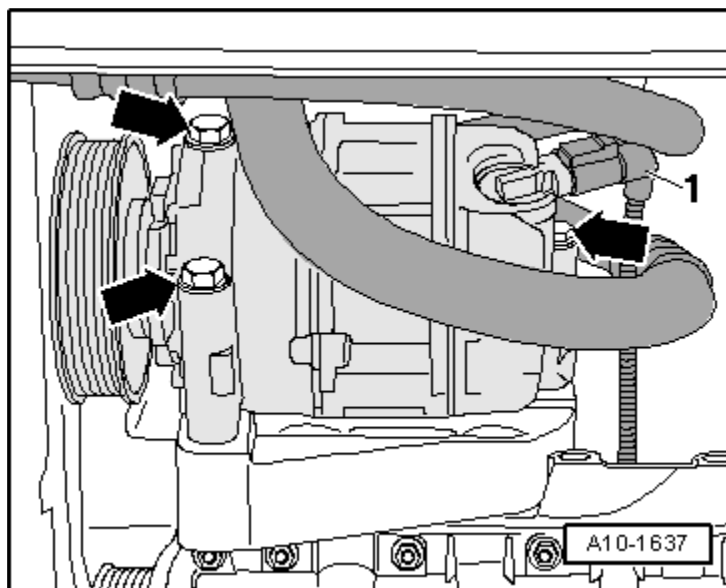
This illustration shows the layout of the poly V-belt on a 2.0 l FSI engine. The layout may differ on other 4-cyl. engines →Engine, mechanics; Rep. gr.13



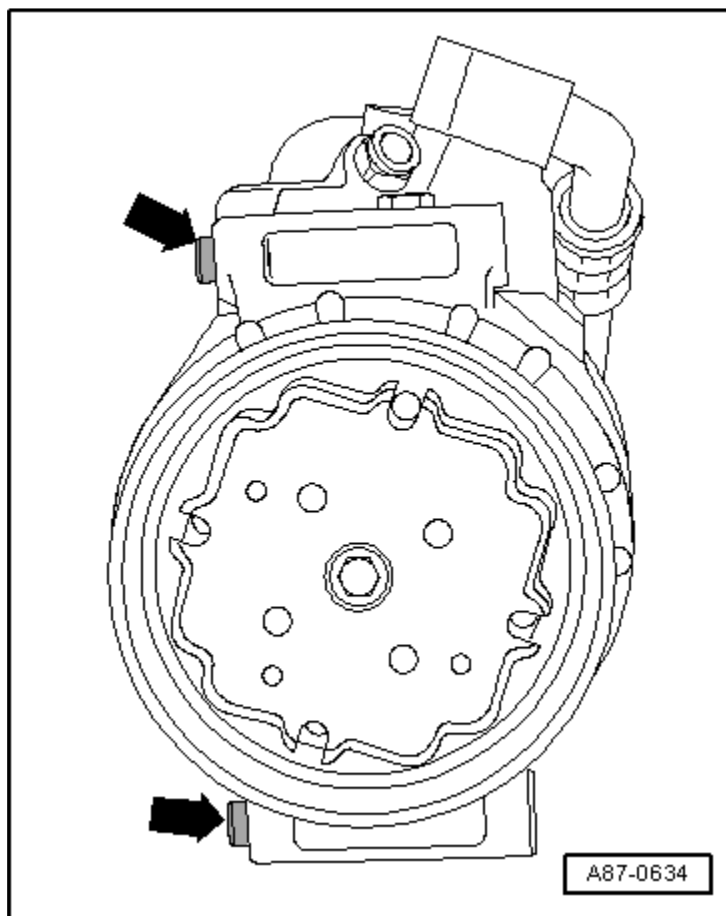
- Unplug the air conditioner compressor regulating valve -N280- at the connector -1-.
- Screw out the three bolts -arrows- (tightening torque 25 Nm).
- Detach the air conditioner compressor and attach it to the vehicle with a piece of wire for example.

Attach the air conditioner compressor to the holder.

Install in reverse order, paying attention to the following:



- Before securing the air conditioner compressor, check the position of both bushings -arrows- in the holder or air conditioner compressor.



- Fit one packing plate each at the bolts -arrows- (tightening torque 25 Nm).
- After attaching the air conditioner compressor, check the routing of the refrigerant lines. They must be inserted in the holders provided (if fitted, depends on engine).
- After attaching the air conditioner compressor, also check the refrigerant lines and the corresponding holders for adequate clearance with respect to the other components, ensuring a sufficient distance between the belt, holder and pulley.

