



## **Audi A2**

### **All up to model year 01.06.03**

### **Only affects vehicles with a controlled compressor**

#### **Air conditioning system does not work**

If there are complaints about the above-mentioned fault, a faulty pulley could be the cause. This complaint only occurs with vehicles with a controlled compressor, however. In these vehicles, a pulley with overload protection replaces the magnetic clutch. The safety element can be triggered on these pulleys. Rubber abrasion parts are visible on the inside of the pulley (see Fig. 1) and the compressor is no longer being driven. In this case proceed as follows:

- Remove the sound insulation.
- Put the lock bracket into the servicing position (fold down forwards).
- Relax the poly-V belt and remove it, after having marked the travel direction of the belt.
- Check whether the compressor can be moved easily. To do this, turn the compressor using driving plate B (see Fig. 2).
- If the compressor cannot be moved, the complete compressor must be replaced. This is only rarely the case, however.
- If the compressor can be moved easily, only the pulley has to be replaced.
- Remove screw A. (When replacing this screw, tighten with 20Nm). It should always be replaced by a new screw.
- A common spanner wrench can be used to counter the screw.
- Use two screwdrivers B to evenly prise off drive plate

Bulletin



- A, do not damage pulley C (see Fig. 3).
- Remove safety device A and pull off the pulley B (see Fig. 4).
  - Before installing the new parts clean the compressor flange.
  - Insert the pulley. When installing the pulley make sure that the locking ring A is always replaced. This ring must be mounted in such a way that the bevelled side is pointing outwards (see Fig. 4).
  - Replace the components in the correct order and check the air conditioning system to make sure it is working correctly.



Fig. 1

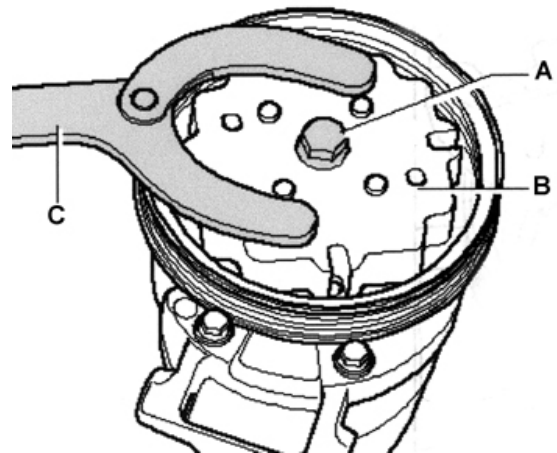


Fig. 2

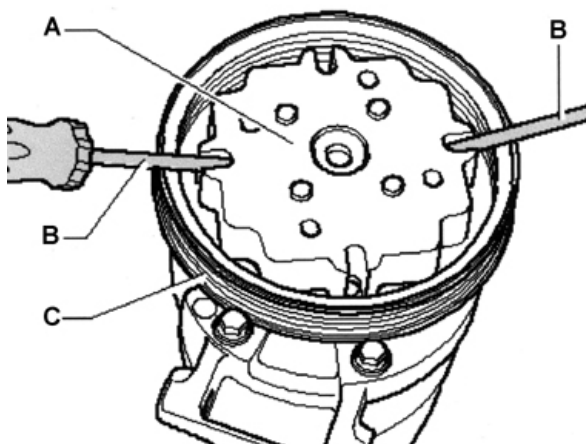


Fig. 3

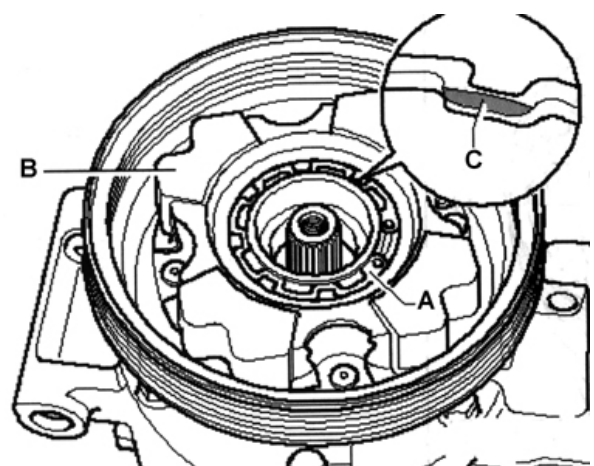


Fig. 4