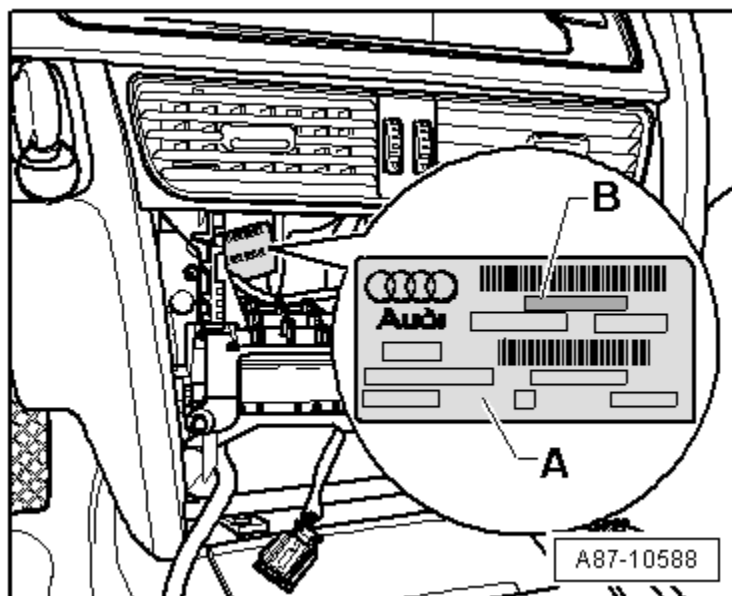
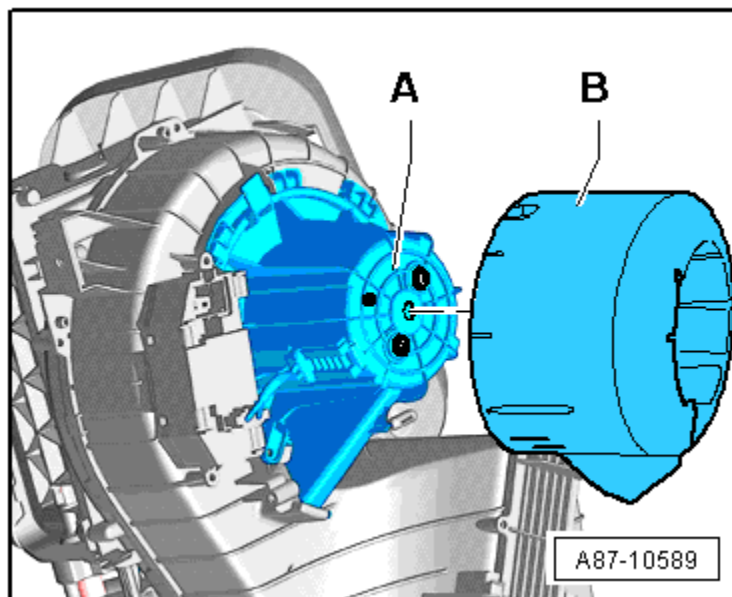


Removing and installing fresh air blower -V2-



Note

- ◆ Different versions of the fresh air blower -V2- are available as replacement parts. For correct version, refer to → [Electronic parts catalogue](#).
- ◆ From 08.2007 onwards, fresh air blowers -V2--A- fitted with an additional foam sheath -B- (to reduce noise) are gradually introduced → [Electronic parts catalogue](#).
- ◆ From model year 2009 onwards, fresh air blower -V2--A- with a modified housing (with optimised motor and adapted mounting for motor) is gradually introduced. When the modified -V2- is introduced, the additional foam sheath at the housing -B- is discontinued; however, due to the larger motor mounting, a modified insulating mat (see item -B- in following illustration) is installed → [Electronic parts catalogue](#).
- ◆ From model year 2012 onwards and depending on the vehicle version, modified fresh air blower control units -J126-, fresh air blowers -V2-, air conditioner operating and display units (Climatronic control unit -J255-) and air conditioning units are introduced gradually. Make sure that the correct version is used and that the components are combined correctly → [Electronic parts catalogue](#) and → [Vehicle diagnostic, testing and information system VAS 5051 \("Guided Fault Finding"\)](#).
- ◆ The different versions of the air conditioning unit can be distinguished from the outside by the part number -B- on the label -A- → [Electronic parts catalogue](#).
- ◆ The part number -B- on the label -A- can be read e.g. when the CD changer is removed (depending on vehicle equipment) → [Communication; Rep. gr.91; DVD/CD changer; Removing and installing CD changer](#).
- ◆ In model year 2010, petrol engines designed for operation with bioethanol were introduced gradually (Flex Fuel Vehicle). These engines are currently also fitted with an auxiliary air heater element -Z35- → [Chapter](#).
- ◆ Vehicles with a high-voltage system (hybrid vehicles) and petrol engine are currently equipped with an electrical



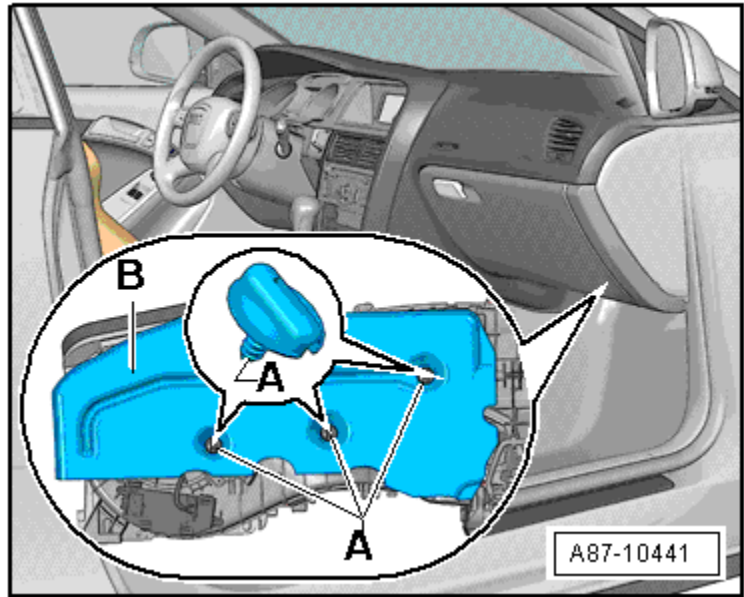
auxiliary air heater element -Z35- to provide a supplementary heating function
→ [Chapter](#).

- ◆ On vehicles with a petrol engine, the electric supplementary heater (auxiliary air heater element -Z35-) is activated by a signal from the operating and display unit (Climatronic control unit -J255-) via the local data bus (via the same output by which the fresh air blower control unit -J126- is activated) to the auxiliary air heater control unit -J604-. In the event of problems with the fresh air blower control unit -J126- or the fresh air blower -V2- on these vehicles, also check the auxiliary air heater control unit -J604- → [Vehicle diagnostic, testing and information system VAS 5051 \("Guided Fault Finding"\)](#) and → [Current flow diagrams, Electrical fault finding and Fitting locations](#).
- ◆ From model year 2012 onwards (introduction depending on vehicle version) modified fresh air blower control units -J126- (and fresh air blowers -V2-, air conditioner operating and display units (Climatronic control unit -J255-) and air conditioning units with part number "8T_820 005") are introduced gradually. The air intake box has been modified together with -J126- and the air conditioning unit. Pay attention that the correct version is used and that the components are combined correctly → [Electronic parts catalogue](#) and → [Vehicle diagnostic, testing and information system VAS 5051 \("Guided Fault Finding"\)](#).
- ◆ If the allocation or adaption of -J255- and -J126- (with part number 8K0 820 521 or 8T0 820 521) is not as specified, the fresh air blower -V2- is not controlled by -J126-. Although in this case the activation of -V2- is not OK, an entry is not always made in the event memory. Therefore it is important to pay attention to the correct adaption of -J255- → [Electronic parts catalogue](#) and → [Vehicle diagnostic, testing and information system VAS 5051 \("Guided Fault Finding"\)](#).
- ◆ Checking operation of auxiliary air heater element -Z35- → [Chapter](#)

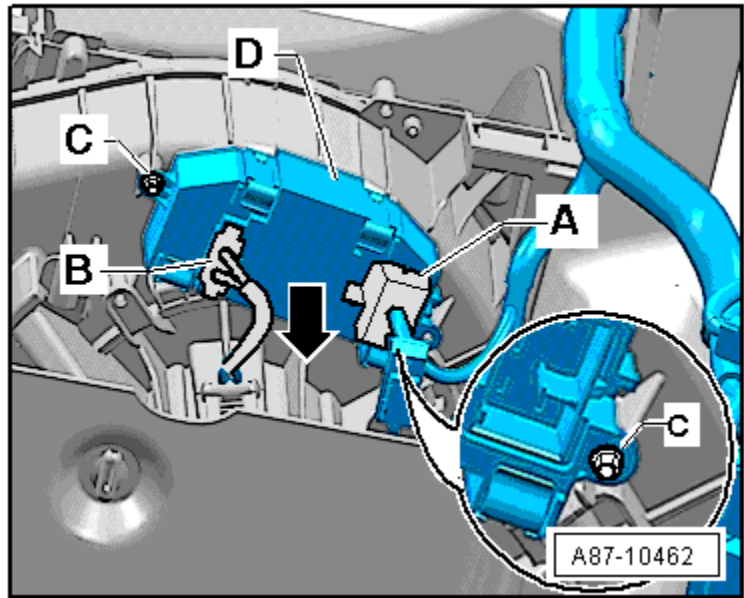
Removing

- Move front passenger's seat to rearmost position.
- Switch off ignition.

- Remove threaded fasteners -A- and detach insulating mat -B-.
- Remove glove box → General body repairs, interior; Rep. gr.68; Shelves / trim panels; Removing and installing glove box.



- Unplug connector -B- from fresh air blower control unit -J126-.

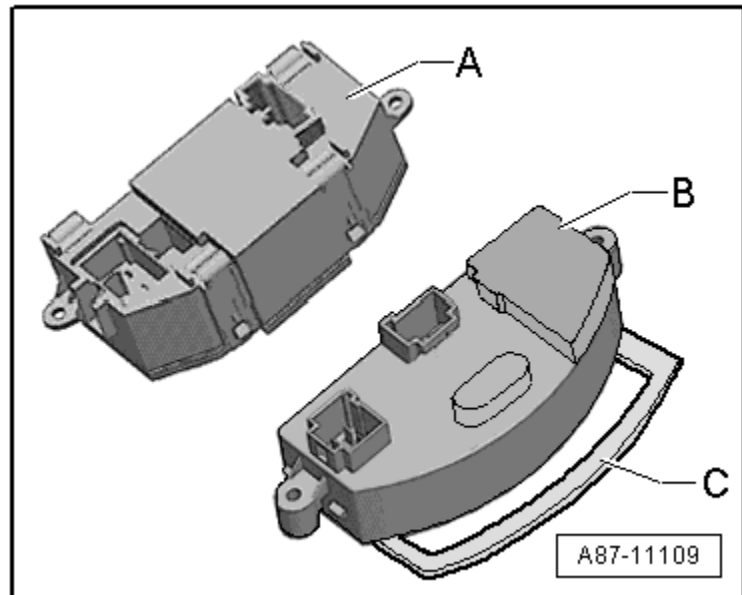


- Remove fresh air blower control unit - J126- (version -A-) → [Chapter](#).



Note

From model year 2012 onwards (and depending on the vehicle version) modified fresh air blower control units -J126--B- and fresh air blowers -V2- are introduced gradually. On modified version -B-, it is not always necessary to take out -J126- to remove -V2-.



- Release fastener -A- and turn housing of fresh air blower -V2--B- in direction of arrow.



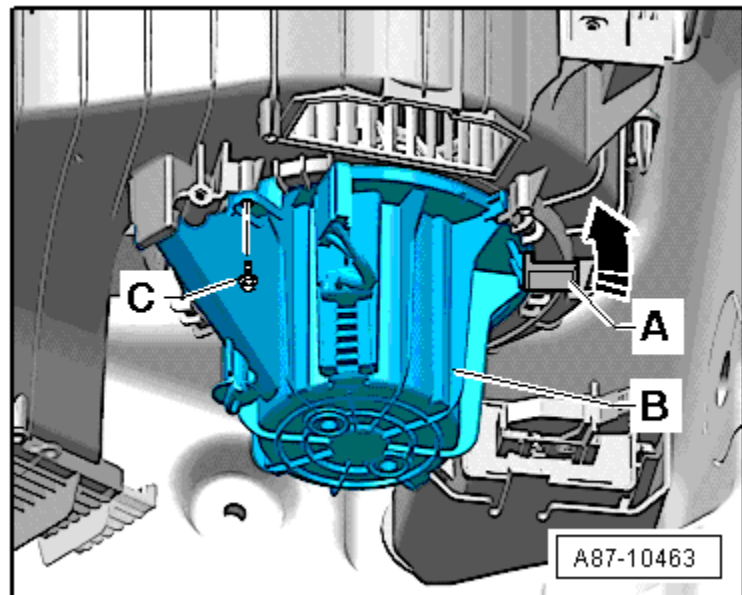
Caution

Do not take hold of fan of fresh air blower -V2-. Applying force to fan or moving balancing weights attached to fan could cause imbalance and lead to operating problems.

Installing

Install in reverse order of removal; note the following.

- If fastener -A- breaks off or can no longer hold fresh air blower -V2--B- in position, it can also be secured in air intake box with bolt -C-.
- When installing, make sure fresh air blower -V2--B- is correctly positioned in air intake box.
- Switch on ignition.
- Interrogate event memory of operating and display unit (Climatronic control unit - J255-) and erase any faults displayed → [Vehicle diagnostic, testing and information system VAS 5051 \("Guided Fault Finding"\)](#).
- To check operation, perform final control diagnosis for air conditioner → [Vehicle diagnostic, testing and information](#)



system VAS 5051 ("Guided Fault Finding").