



Audi

A6

Model year from 1998 to 02.2002

Battery charge control lamp illuminates

If there are complaints about the above-mentioned fault, the cause could be a defective voltage regulator. In the case of the A6, regulators made by Bosch and Valeo fitted. In this case, however, only the Bosch regulator is affected. From calendar week 6/2002, an improved regulator was then used. In the event of a complaint, the regulator should be replaced. To do this, proceed as follows:

- Remove the alternator.
- Unscrew the regulator screw (see Fig. 1, Item 2).
- Unscrew the locknuts at the rear of the alternator (see Fig. 1, Items 1 and 3).
- Remove the protector cover.
- Unscrew the phase contact screw (see Fig. 2, Item 4).
- Take off the fastening screws from the regulator and take the regulator out of the generator (see Fig. 2, Item 5).

If the slip ring of the claw pole is still OK (not yet shrunk too much), a new regulator can be fitted. If the wear is too great, however, the complete alternator must be replaced.

- Insert the new regulator into the alternator and tighten the fastening screws again to a torque of 2.5 Nm.
- Tighten the phase contact screw again to a torque of 1.0 Nm.
- Put on the protector cover.



- Tighten the lock nut (see Fig. 1, Item 3) to a torque of 12 Nm.
- Tighten the lock nut (see Fig. 1, Item 1) to a torque of 32 Nm.
- Tighten the fastening screws of the regulator to a torque of 3 Nm.
- Refit the alternator.

Refit all removed parts in reverse order. A new regulator can be ordered via the wholesaler under Hella no.:
5DR 009 728-011.

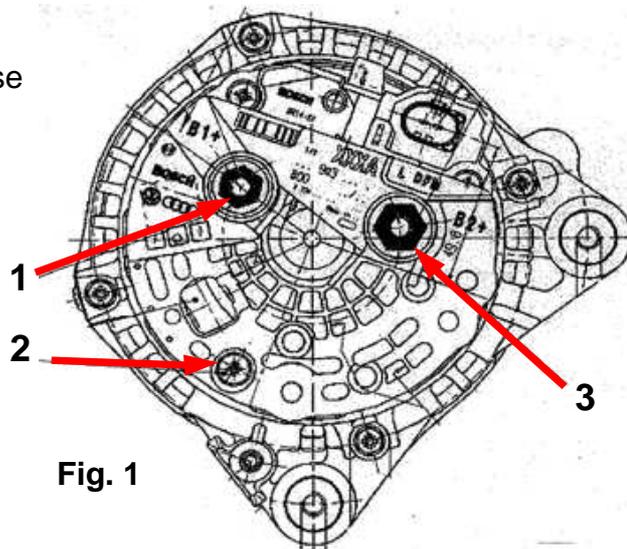


Fig. 1

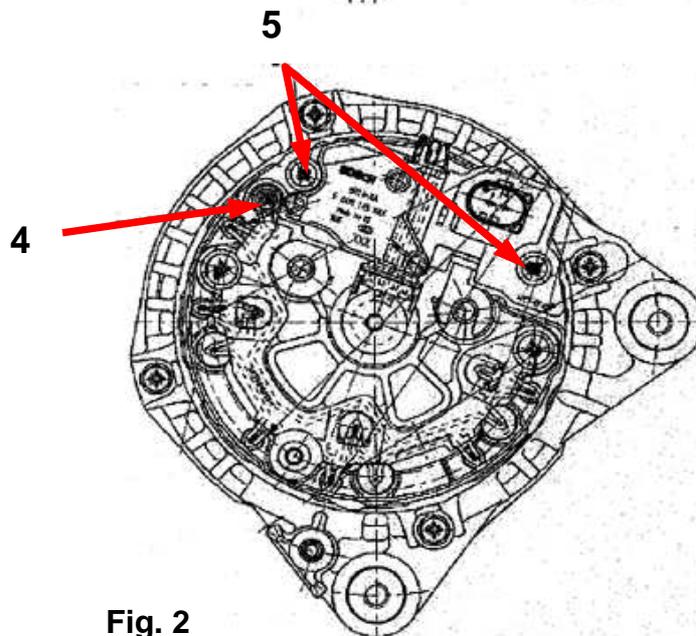


Fig. 2