



Rover 600

Model year 1994 to 1999

No reduction in engine speed during gear change

If there are complaints about the above-mentioned fault, the incorrect end stop of the accelerator pedal could be the cause.

This could also lead to the following complaints:

- Idling speed is too high.
- When the vehicle is decelerated to a stop, the engine speed is only reduced to the correct idling speed when the brake pedal is no longer pressed.
- When the accelerator pedal is briefly pressed, the idling speed first falls below the reference value and then gradually returns to the reference value.

In this case proceed as follows:

- Use a multimeter to check the voltage values of the accelerator pedal position sensor. The sensor must remain connected. Connect the positive probe tip to the violet/orange cable (PIN 4) and the negative probe tip to ground.
- With the throttle valve closed, voltage must not exceed 540 mV. If the value is higher, the stop buffer of the accelerator pedal is too thick.
- Remove the stop buffer and reduce its thickness.
- When the buffer has been replaced, the value must be below 540 mV.