

# Chevrolet Captiva - Air-conditioning system not working | HELLA

**Chevrolet**

**Captiva**

**Model year: 2006-2010**

**With manual air-conditioning system**

**Air-conditioning system not working**

In the vehicles specified above, an incorrect service programming or incorrect coding could cause the air-conditioning compressor to no longer be activated.

The signal of the On / Off switch of the air-conditioning system is forwarded to the vehicle electric system control unit.

This communicates with the engine control unit via CAN Bus. The compressor coupling relay is driven by means of the engine control unit. A diagnostics tool can not only read out the event memory, but can also check the function of the magnetic coupling by means of an actuator test. In addition, the diagnostics tool can "recognize" in what way the activating and deactivating signal of the switch arrives at the control unit.

If the fuses and wiring are OK, the activation circuit of the magnetic coupling and the switch have been checked, and the control unit does not contain any system-relevant error codes, then it may be possible to correct the problem by repeating the coding / service programming of the control unit.

This should be performed by an authorized dealer.

## **Tip:**

if the rear-window heater is not functioning and / or an error entry appears for a rain sensor (that is not even installed) at the same time as the above problem, then this points to incorrect programming / coding.