



SERVICEINFO

AIC Germany
Automotive Components

BLOWER MOTOR RESISTORS WITH THERMAL FUSES

AIC article no.: 53118 / Oe reference no.: 1K0 959 263A

Before submitting blower motor resistors as a guarantee claim:

Failure of blower motor resistors is often a safety feature – not a fault!

Blower motor resistors incorporate thermal fuses that activate at between 184° and 216° to thereby protect the vehicle electronics from fire and overloads. Once the fuse has blown, the entire resistor must be replaced. The most common causes for the activation of the thermal fuse is an **air intake blockage** (for example, if the cabin filter is heavily soiled or clogged) or a **sluggish blower motor**.

The problem:

Upon a failure of the blower, it is often **only the resistor that is replaced**. While the blower will work again following the replacement of the resistor, **the cause of the problem will still not have been rectified. It is therefore only a matter of time before problems recommence and the fuse activates again, meaning the blower will only work at full speed or not at all.**



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INSTALLATION NOTES

When replacing a blower motor resistor, make sure that the cause of the failure is correctly identified. This might be a clogged air intake or a sluggish blower motor. Thermal damage is easy to spot due to discolouration at the affected area.



ATTENTION

Resistors that break the circuit and cease operation due to excessive temperatures provide a deliberate protective safety feature: the activation of the thermal fuse is therefore no fault of the product and cannot be accepted as a guarantee claim.

Please refer to and follow the installation instructions of the vehicle manufacturer.



APPLIES TO

All blower motor resistors incorporating a thermal fuse for protection against overheating. For example, AIC items 53118, 51494, 51155 & 50652.