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Failing blower motor regulators

Short circuit shortly after replacement

Problem

Valeo's warranty department regularly sees heater blower motor regulators come in, for which people claim it failed prematurely, shortly after installation. The regulators have had internal short circuit, so consequently the blower motor is no longer actuated.



Cause

In case a blower motor regulator fails, then the cause often lies not in the regulator itself. The reason of breakdown may be found at the blower motor. The regulator failure therefore is a consequence.

Short circuit shortly after replacement

If the blower motor itself is rotating (more) heavily (think of moisture ingress and/or damaged or worn bearings), the electrical motor needs to deliver more force in order to overcome the extra resistance/friction.

Only replacing the regulator and leaving in the old (damaged) blower motor, will overload the new regulator in the same way it did the old, causing it to break down prematurely.



Advice

Replace the complete blower motor at the time the regulator breaks down.



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