VDO HVAC BLOWER MOTORS



The VDO line of HVAC blower motors for automotive service includes HVAC blower motors, blower motor assemblies, and blower motor wheels. All are built in ISO-certified facilities and deliver OE quality, fit, and performance.

Quiet operation. Easy installation.

VDO Blower Motors and Assemblies deliver exceptionally quiet operation and dependable performance. They are complete units that allow for fast, direct replacement. All wiring connections are 'plug and play' where applicable. There are no 'flying leads,' so no wire splicing is required.

Protect your reputation

When an HVAC motor or motor assembly needs replacing, don't risk comebacks and dissatisfied customers. VDO Blower Motors for automotive HVAC service are engineered for easy installation and reliable performance. That way, customers are happy, and your reputation is protected.







VDO

Why did the OE HVAC blower motor fail?

Automotive HVAC blower motors fail primarily due to worn internal electrical brushes, bearing wear, electrical shorts, or debris blockages that can overload the motor electrically and mechanically.

/ **Worn brush or commutator:** Traditional blower motors use carbon brushes to transfer power to the rotor. Over time, the brushes wear down, causing poor electrical contact, burning, or motor failure.

/ **Worn bearings:** HVAC motors use lubricated bearings. Dirt, dust, and moisture can compromise lubrication, increasing friction or eventually causing rust. This can result in grinding, squealing, or a completely seized motor.

/ **Electrical overloads:** A failing blower motor resistor or a faulty ground wire can cause the motor to draw excessive current, overheat, and damage the internal windings. Signs include a burning smell or a blown fuse.

/ **Debris:** Leaves, dirt, or degraded foam insulation from inside the HVAC air ducts can fall into the blower wheel housing, obstructing rotation, causing the fan to become unbalanced, or creating an excessive mechanical load that burns out the motor.

/ **Clogged cabin air filters:** A severely restricted cabin air filter cuts off airflow to the HVAC system. A lack of airflow can cause the motor to run hot and eventually fail.

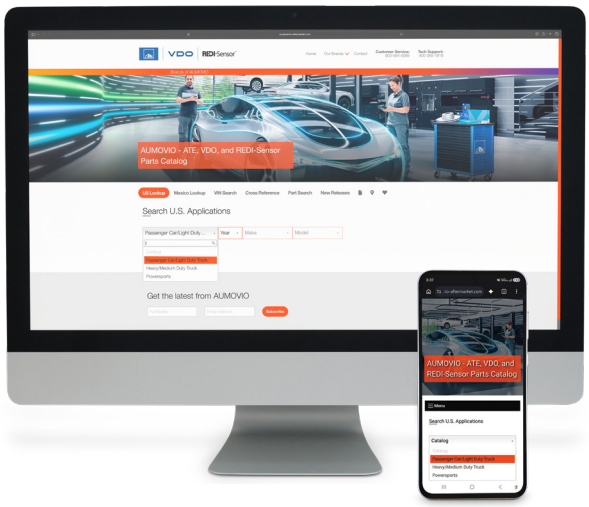
SERVICE INDICATIONS

Weak or no airflow	●
Unusual noises	●
Fan works only at certain speeds	●
Intermittent operation	●
Burning smell or smoke	●
Blown fuses	●
Dashboard vibrations	●

Broad coverage

The VDO line of HVAC blower motors is available for domestic, Asian, and European cars, SUVs, and light trucks.

Year/make/model application data is available in our **online catalog: us.aumovio-aftermarket.com**



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