



## Blower Motor Resistor Kits

### ! Blue Streak® now includes Blower Motor Resistor Kits

Blue Streak® is proud to offer premium Blower Motor Resistor Kits as a high-quality solution for melted connectors and blower motor resistors. Blue Streak® improved on the OE design to create a connector that will withstand the excessive heat and reduce future failure. Our connectors undergo thermal cycling testing to withstand extreme temperatures to prevent melting. Blue Streak® offers blower motor resistors that are direct-fit replacements and engineered to withstand the high amounts of current that can melt the resistor or connector.

### RU318HTK

Tin-plated steel terminals guarantees maximum contact and excellent fit, form and function

Made from high quality ceramics with copper electrical connectors to ensure accurate and precise resistance values for long life and high performance

Direct-fit replacement electrically operated resistor that replaces damaged OD units restoring A/C and heater blower motor variable speed control

Thermally protected with on-board fuse

Kanthal D resistor wire provides longer life span for higher watt resistors

Our plants are IATF 16949 and ISO 9001 certified which ensures that every part is the right part for the right vehicle

Precision resistor coils for better fan control

High-temp connector withstands extreme temperatures to prevent melting

Undergoes testing with thermal cycling to withstand temperatures ranging from -22°F to 257°F

TXL copper wiring withstands high electric current to reduce heat-related failure





## What do Blower Motor Resistors do?

Blower Motor Resistors control the electrical current flowing from the fan switch to the blower fan, which allows the motorist to set the fan at different speeds. The fan speed can be changed either by switching the blower resistor resistance mechanically, using a rotating lever, or electronically by the air conditioning system.



## What are the common causes of failure?

Due to technological advancements on today's automotive heating and cooling systems, blower motor resistors have high amounts of current running through their connectors. As a result, the current produces heat that can melt the connector and resistor. Worn OE blower motors can create a demand for current that also damages the resistor or module. The excess current melts the wiring and plastic shroud, damaging the interface pins on the controller's circuit board.



Burnt OE connector



## Tech Tip

For repairs, use an inductive amp clamp to check that the blower motor current draw is less than 80% of the fuse rating on high. If the current is too high, replace the blower motor. Otherwise, the new resistor will fail too. You should also inspect the mating connector for signs of damage caused by excess heat.

## Blue Streak's initial offering of Blower Motor Resistor Kits



### RU318HTK

Ford F-Series Trucks, E-Series Vans, & SUVs (2018-84)  
Mazda B2300, B3000, B4000, Navajo (1994-91)  
**VIO Over 4.6 Million**



### RU363HTK

GM Cars & Trucks (2012-03)  
Isuzu i-290, i-350, i-370 (2008-06)  
**VIO Over 1 Million**



### RU376HTK

GM Cars (2012-04)  
**VIO Over 1.7 Million**



### RU380HTK

Chrysler Trucks & SUVs (2009-01)  
**VIO Over 900K**



### RU404HTK

Ford Trucks & SUVs (2013-95)  
Mercury Mountaineer (2001-98)  
**VIO Over 3.7 Million**



### RU445HTK

Ford Trucks, Vans, & SUVs (2018-97)  
**VIO Over 4.9 Million**



### RU496HTK

Chevrolet Astro (2005-96)  
GMC Safari (2005-96)  
**VIO Over 422K**



### RU51HTK

GM Heavy Duty Trucks & Full Size Vans (2018-96)  
**VIO Over 1.9 Million**



## Blue Streak® LIMITED LIFETIME WARRANTY

We are so confident in the durability of our Blue Streak® by Standard® products, that we've backed every part with our Limited Lifetime Warranty.

