



# Engine Controls - Blower Motor Resistors

## Situation: System stress shortens blower motor resistor life

With age, stress on the system requires increased current flow. Common failures among blower motor resistors are due to thin trace widths on the printed circuit board. The thin trace widths are not capable of carrying a large amount current for long periods of time. Over time the traces burn out causing a loss of one or more blower speeds.

## Solution: CARQUEST Advantage

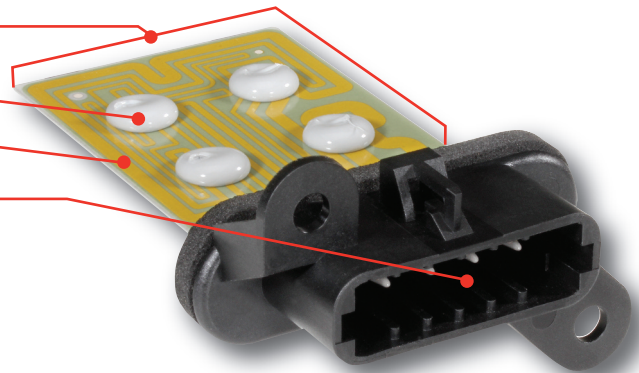
The CARQUEST blower motor resistor is manufactured with thicker trace widths for longer product life.\*

## Repair Tips:

- Visually inspect the entire blower motor electrical circuit before replacing any component in the blower motor system. This should include the blower motor, blower motor resistor, switch, connectors and wiring in the circuit.
- Clogged cabin filter(s) and air vents shorten blower motor and blower motor resistor life. When replacing the blower motor and/or blower motor resistor, clear vents and check/replace cabin filters.

## Features:

- Ceramic coated steel printed circuit board design for durability and longevity **exact match to OE**
- Thermal fuse equipped **same as OE**
- Thicker trace widths than OE **improvement over OE**
- Mounting and connector identical to OE **exact match to OE**



## Benefits:

- Larger traces prevent premature burnout
- Longer blower motor resistor life
- Ceramic printed circuit board for heat dissipation
- Direct OE replacement
- Thermal fuse prevents overheating of blower motor and damage to other components in the vehicle

*\*Advantage applies to 53-69402, 53-69397, 53-69586, 53-69309, 53-69716, 53-69340, 53-69612, 53-69331 and 53-69320*

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## Top Movers



### 53-69339

Buick, 2005-1997  
Chevrolet, 2004-1997

### 53-69685

Chev/GMC Trucks & Vans, 2007-2003

### 53-69332

Chev/GMC Trucks & Vans, 2007-1999

### 53-69331

Chevrolet, 2003-1997  
Oldsmobile, 2003-1997

### 53-69340

Chevrolet, 2005-2004, 2002-1995  
Pontiac, 2002-1995

### 53-69610

Chrysler, 2007-2005  
Dodge Trucks & Vans, 2007-2001

### 53-69302

Dodge Trucks & Vans, 2007-1994  
Jeep, 1998-1993

### 53-69652

Ford, 2005-1996  
Mercury, 2005-1996

### 53-69634

Ford, 2004-1994  
Ford Trucks & Vans, 2005-1997

### 53-69374

Ford Trucks & Vans, 2005-2000, 1998-1990  
Mazda, 1994-1991

### 53-69476

Honda, 2001-1994  
Isuzu, 2004-1992

### 53-69612

Jeep, 2006-2002

### 53-69306

Jeep, 2001-1997

### 53-69411

Nissan, 2001-1998

### 53-69403

Nissan, 2004-1995

## Top Gainers



### 53-69586

Nissan, 2004-2000

### 53-69608

Dodge Trucks & Vans, 2003-1997

### 53-69440

Honda, 2004-1998

### 53-69633

Ford Trucks & Vans, 2006-2002

### 53-69801

Ford, 2007-1997  
Mercury, 2002-1997

## Import Sampling



### 53-69403

Nissan, 2004-1995

### 53-69411

Nissan, 2001-1998

### 53-69440

Honda, 2004-1998

### 53-69446

Acura, 2001-1994  
Honda, 1998-1992

### 53-69448

Honda, 2004-1994  
Isuzu, 1999-1996

### 53-69476

Honda, 2001-1994  
Isuzu, 2004-1992

### 53-69480

Kia, 2005-1993

### 53-69513

Toyota, 2002-1999

### 53-69521

Toyota, 2008, 2005-2000

### 53-69524

Toyota, 2004-2001

### 53-69555

Hyundai, 2007-1999  
Kia, 2003-2001

### 53-69568

Toyota, 2008, 2005-2002

### 53-69716

Nissan, 2006-2001