

Component Procedures: Blower Motor Resistor

Table of Contents

1. Parts and Labor (itype_189)
2. Components (itype_392)
3. Blower Motor Resistor (Article 2045186)
4. Blower Motor Resistor Replacement (Article 2050303)
5. Technician Safety Information (itype_15)
6. Mechanical (including Torque) (itype_28)
7. Component Tests and General Diagnostics (itype_383)

Component Procedures: Blower Motor Resistor

Parts and Labor (itype_189)

Parts

Qualifier	Part #	Name	Price	Note
Resistor	4864952	Blower Motor	195.00	

Labor

Operation	Qualifier Path	Skill	Std Hrs	Wty Hrs
Replace	With AC	B	0.5	0.3
Replace	Without AC	B	0.5	0.2

Components (itype_392)

SYSTEM DESCRIPTION

The

blower motor resistor

is mounted to the bottom of the heater-A/C housing on the passenger side of the vehicle under the instrument panel. It can be accessed for service by removing the heater-A/C housing kick cover.

resistor

has multiple resistor wires, each of which reduce the current flow to the blower motor

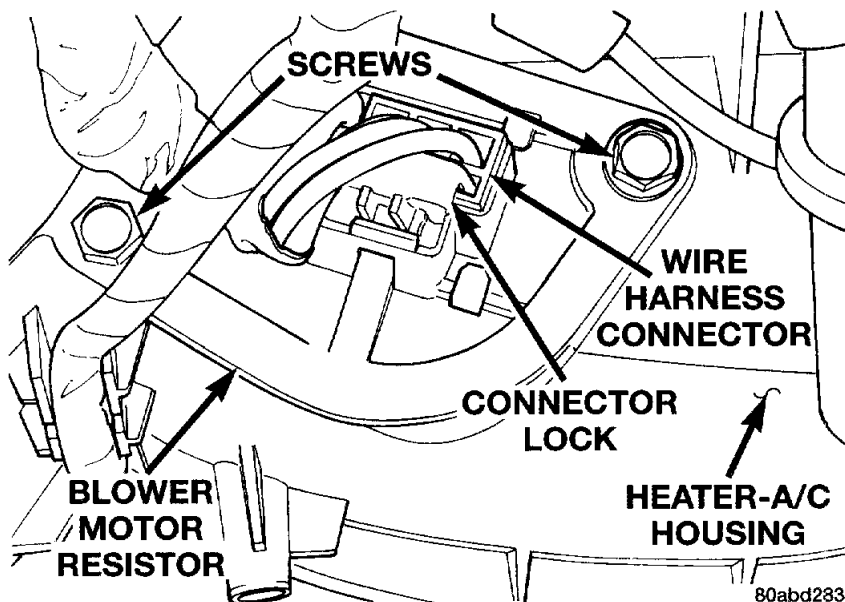
, to change the blower motor speed. The

blower motor switch

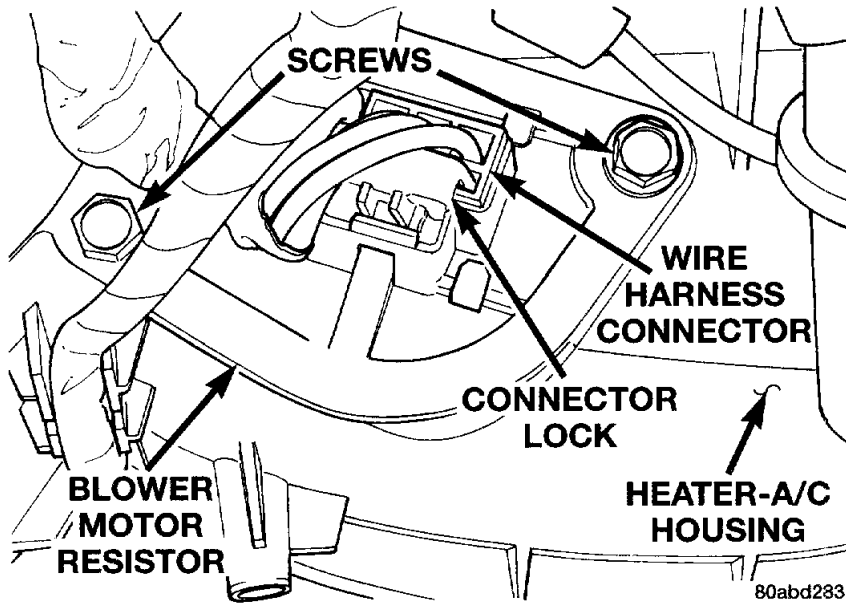
directs battery current to the correct resistor wire to obtain the selected speed. When the highest blower motor speed is selected, the blower motor is directly connected to battery current, bypassing the blower motor resistor.

The blower motor resistor cannot be repaired and, if faulty or damaged, it must be replaced.

Blower Motor Resistor (Article 2045186)



Blower Motor Resistor Replacement (Article 2050303)



Technician Safety Information (itype_15)

WARNING: ON VEHICLES EQUIPPED WITH AIRBAGS, REFER TO RESTRAINT SYSTEMS / AIRBAG SYSTEMS BEFORE ATTEMPTING ANY STEERING WHEEL, STEERING COLUMN, OR INSTRUMENT PANEL COMPONENT DIAGNOSIS OR SERVICE. FAILURE TO TAKE THE PROPER PRECAUTIONS COULD RESULT IN ACCIDENTAL AIRBAG DEPLOYMENT AND POSSIBLE PERSONAL INJURY

Mechanical (including Torque) (itype_28)

Tighten the blower motor resistor mounting screws to 2.2 Nm (20 in lbs.)

Component Tests and General Diagnostics (itype_383)

WARNING: ON VEHICLES EQUIPPED WITH AIR-BAGS, REFER TO AIRBAG AND SEAT BELTS/AIR BAGS BEFORE ATTEMPTING ANY STEERING WHEEL, STEERING COLUMN, OR INSTRUMENT PANEL COMPONENT DIAGNOSIS OR SERVICE. FAILURE TO TAKE THE PROPER PRECAUTIONS COULD RESULT IN ACCIDENTAL AIR-BAG DEPLOYMENT AND POSSIBLE PERSONAL INJURY

1. Disconnect and isolate the battery negative cable.
2. Remove the kick cover from the heater-A/C housing and unplug the wire harness connector from the blower motor resistor
3. Check for continuity between each of the blower motor switch input terminals of the resistor and the resistor output terminal. In each case there should be continuity If OK, repair the wire harness circuits between the blower motor switch and the blower motor resistor or blower motor relay as required. If not OK, replace the faulty blower motor resistor.