

New

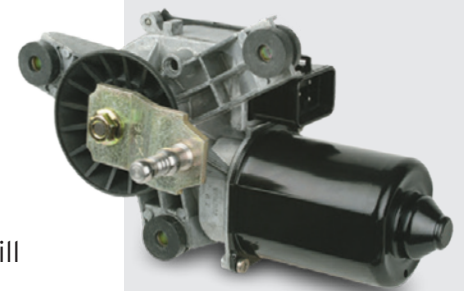
WIPER MOTOR

Building on decades of experience using reverse engineering to remanufacture automotive wiper motors, CARDONE engineers have meticulously designed our CARDONE New Wiper Motors as an improvement over the original design. Our motor gears are designed with a stronger, less brittle material to prevent premature wear, striping and breakage - resulting in a product you can trust for the long haul.

- Load testing ensures reliable performance.
- Brushes are precisely designed to ensure armature and contacts are properly matched.
- Every motor is assembled with the precise amount of lubricant to ensure quiet operation and long life.
- Gears are designed with a stronger, less brittle material than O.E. to prevent premature wear, striping and breakage.
- Magnets deliver the right amount of torque needed to withstand extreme weather conditions and to compensate for other worn components in the wiper motor transmission linkage.

Good Maintenance Practices

- Make sure the connector weather seal is in place and in good condition, if so equipped. Replace if necessary.
- Make sure harness is well insulated and routed as designed.
- Make sure motor is well grounded.
- Make sure motor is mounted as designed.
- Check all drain paths - clean and clear of any debris.
- When re-installing cowl shield, ensure that there is a weather tight seal between cowl and windshield glass. An improper seal or gap will cause premature failure due to water damage.



Product Description

Features and Benefits

Good Maintenance Practices

Signs of Wear and Troubleshooting

FAQs

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Tech Service: 888-280-8324

Rev Date: 071618

Signs of Wear and Troubleshooting

- Inoperable
- Intermittent or erratic operation
- Reduced torque or speed
- Grinding noise
- Binding or frozen linkage
- Water intrusion
- Broken mounts

FAQs

The wiper motor continues to stop in the middle of the windshield. What's causing this to happen?

- If the motor does not have hidden wiper blades, the most likely cause of parking misalignment is the crank arm position. Adjust the crank arm angle on the motor shaft to park wipers at bottom of windshield. Refer to a vehicle specific service manual or online material for the "hidden park" reset procedure.

I just installed a new wiper motor and put my old washer pump on and the motor does not work. Is the motor defective?

- The motor is NOT defective. There are some wiper motors that will not operate if the washer pump is defective. This may be the cause of the original motor problem. Bench test wiper motor and washer pump before replacing either.

Why won't the wiper motor work? I have everything hooked up properly.

- Check the wiring harness ground, terminal ground lug or ground strap. If the motor still does not operate properly, check the switch and switch circuit.

How can I determine if my vehicle is equipped with a moisture sensitive wiper motor?

- Most vehicles equipped with this feature have a rain sensor permanently mounted to the inside of the windshield in front of the rear view mirror.

How do moisture sensitive wipers work?

- A moisture sensor monitors rainfall accumulation on the windshield and provides input to the windshield wiper motor control module. The windshield wiper control module adjusts the wiper motor speed accordingly.

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