



Wiper Motors

Refer to an authorized original equipment service manual for detailed installation instructions. If you do not have the experience, proper tools or manuals, please seek the services of a qualified technician.



**Replacement
TIME:**

Approximately

<1.5 hrs

COMMON SYMPTOMS

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

**GOT QUESTIONS ABOUT THIS PART?
CALL 888-280-8324**

Monday-Friday

TIPS

- Disconnect negative battery terminal before attempting replacement of wiper motor.
- Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pre-tensioner activation.
- Check that the body or chassis ground is connected as designed and tightened to torque specification as stated in the service manual.
- Verify vehicle harness insulation.
- Verify wiper motor connector is free from corrosion and terminals are making good contact.
- Isolate wiper motor from vehicle harness and perform a bench test to verify the motor is the problem.
- Use a curved pry bar tool to remove the end caps off the wiper arms to access wiper arm lock nuts.
- Use a wiper arm puller to remove wiper arms off of wiper motor serrated shaft.
- Use garnish clip remover to pull the plastic clips that retain the cowl air inlet panel and water deflector that protects motor.
- Some applications have seals between the fenders, windshield and cowl air inlet panel. Be sure to place seals in the correct position before replacing the cowl air inlet panel.
- Some applications use a double sided tape to retain the cowl seals. Replace double sided tape with a tape that has the same adhesive strength.
- Disengage the head of the front wiper sub arm while holding down the periphery of the front wiper sub arm installation section with your hands.