

WINDSHIELD WIPER MOTOR

id091900015000

Purpose

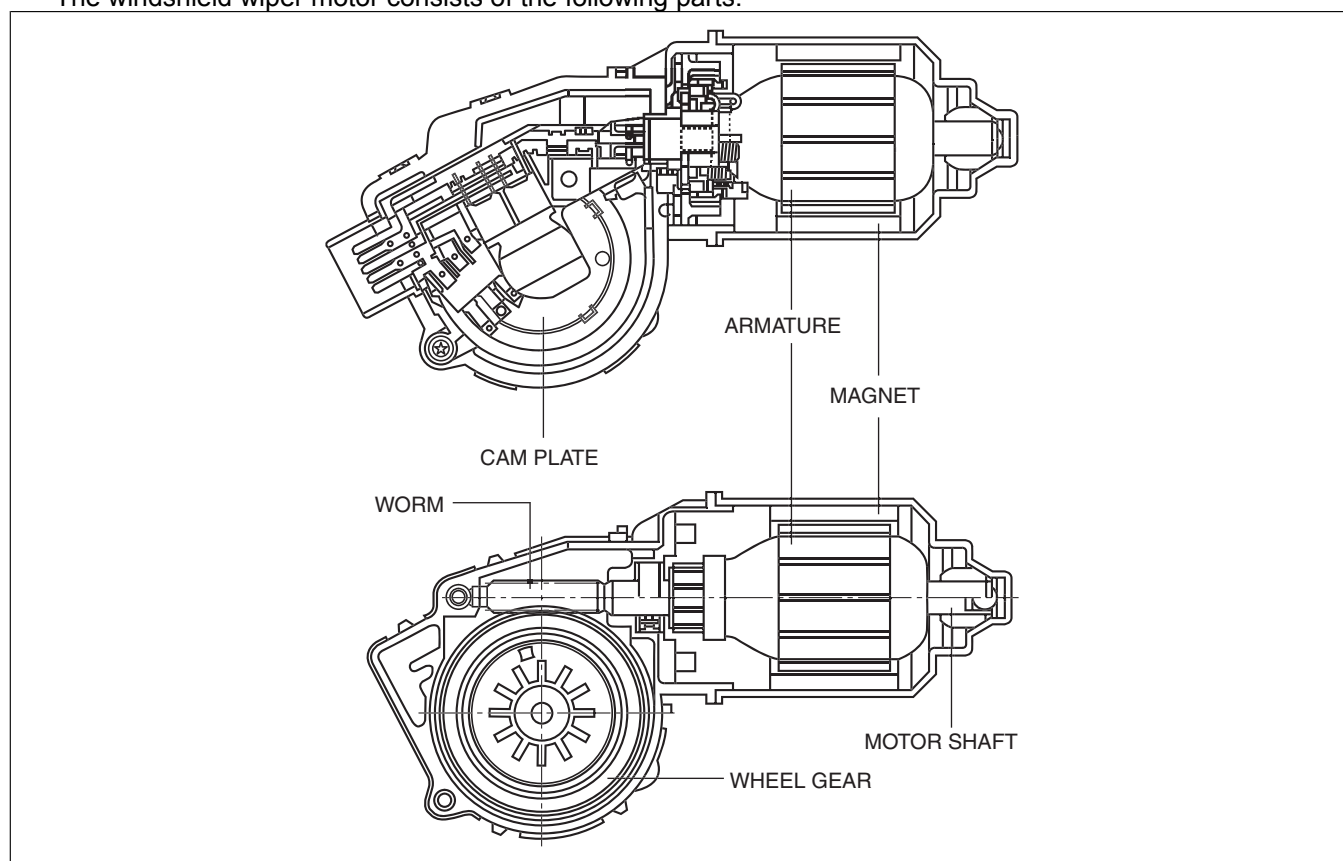
- The windshield wiper motor transmits rotation force to the windshield wiper link to operate the windshield wiper arms and blades.

Function

- The windshield wiper motor operates using the current from the front body control module (FBCM) which is input according to the wiper and washer switch operation, and generates rotation force for the low/high 2 system.

Construction

- The windshield wiper motor consists of the following parts:



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Operation

1. The current flowing from the front body control module (FBCM) is input to the magnet and the motor shaft connected to the armature is rotated.
2. The rotation force of the motor shaft is transmitted to the wheel gear via the worm connected to the motor shaft to drive the windshield wiper link.
3. The windshield wiper link converts the rotation force of the windshield wiper motor to a horizontal reciprocating movement to drive the windshield wiper arms and blades.
4. If the windshield wiper arms and blades are operated to the park position, the auto stop switch turns on by contacting the contact point of the cam plate to stop windshield wiper arms and blades at the park position.

Fail-safe

- Function not equipped.