

POWER WINDOW REGULATOR

id091200012500

Purpose

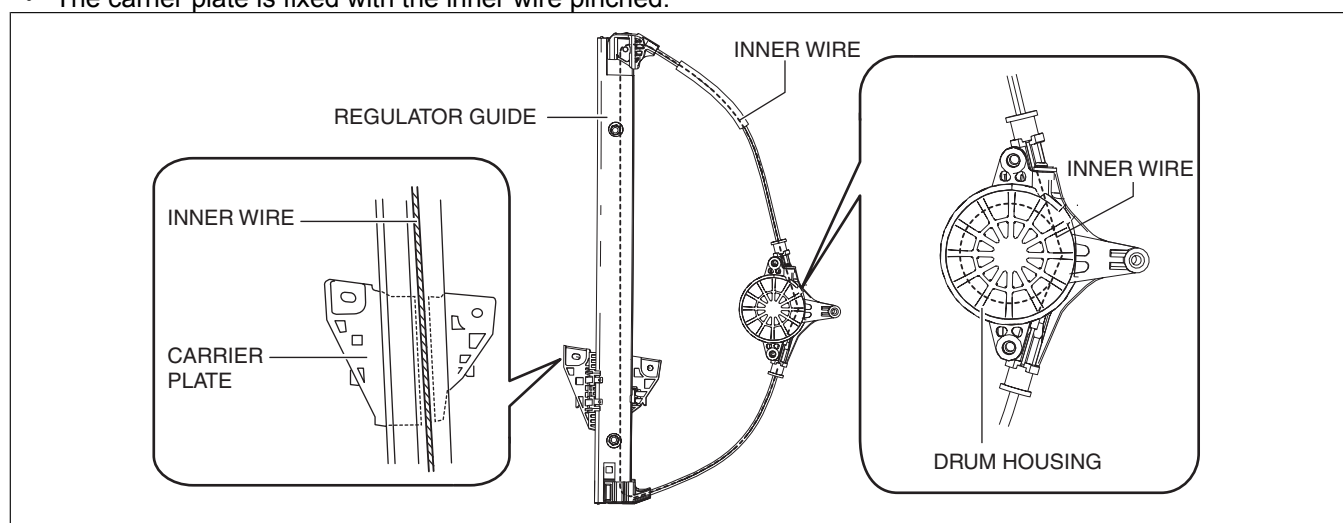
- The power window regulator moves the carrier plate up and down to open/close the door glass using the rotation force transmitted from the power window motor.

Function

- The power window regulator transmits the rotation force from the power window motor to the inner wire and moves the carrier plate up and down.

Construction

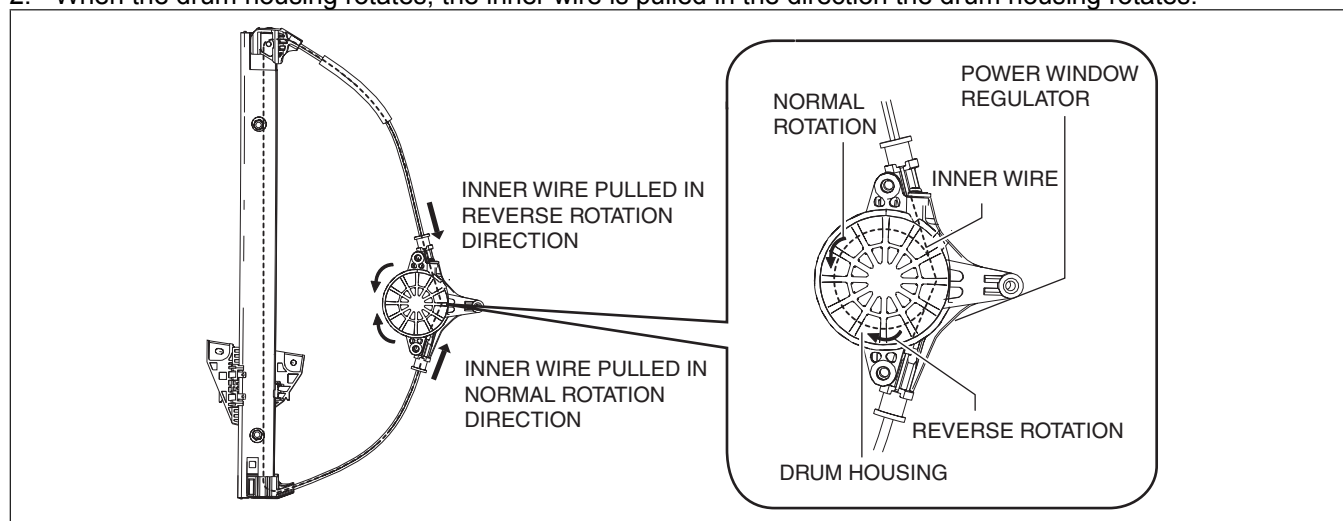
- The power window regulator consists of the following parts:
 - Drum housing
 - Regulator guide
 - Carrier plate
 - Inner wire
- The inner wire is assembled to the inner side of the regulator guide and wrapped to the drum housing.
- The carrier plate is fixed with the inner wire pinched.



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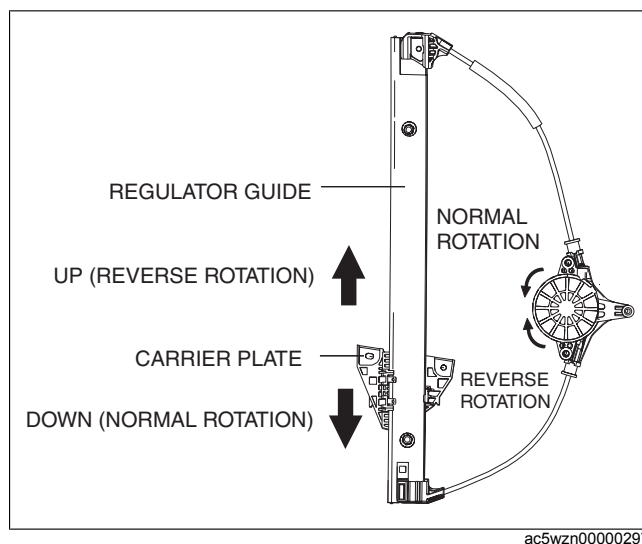
Operation

1. When the drum housing of the power window regulator receives the rotation force from the power window motor, it rotates in the same rotation direction as the power window motor.
2. When the drum housing rotates, the inner wire is pulled in the direction the drum housing rotates.



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3. The carrier plate moves up and down according to the rotational direction of the inner wire.



Fail-safe

- Function not equipped.