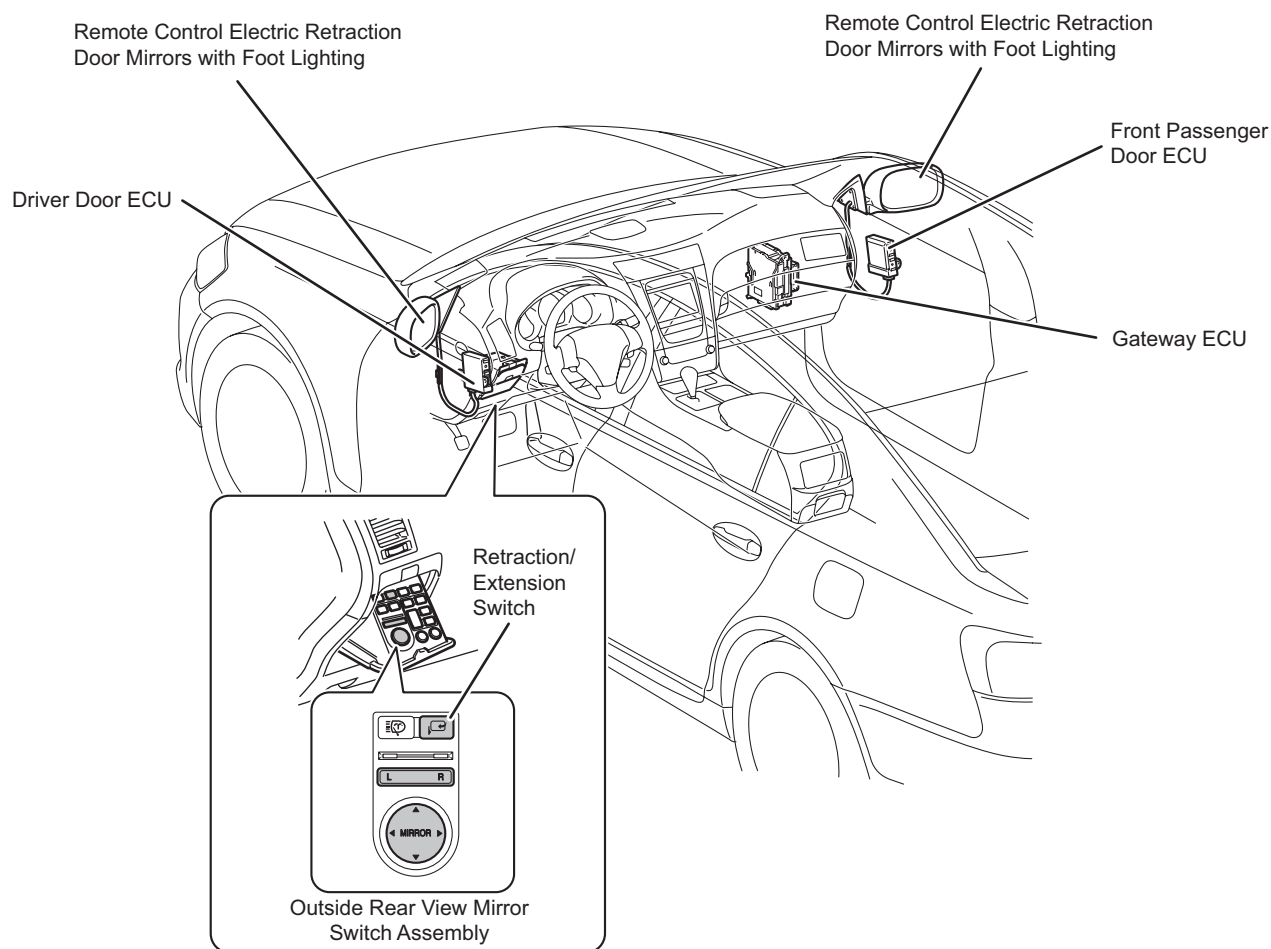


Electric Mirror System

- "Power retractable remote control door mirrors with foot illumination" are used on all models as standard equipment. This system consists of door mirrors with a power retraction/resumption remote control function and foot illumination, in addition to the remote control of the mirror surface from the vehicle interior. The retraction/resumption switch for the door mirrors is located in the switch module on the instrument panel, on the right side of the driver.
- A foot illumination is provided on the bottom surface of each door mirror to facilitate the in-and-out access of the occupants at night. For details on the door mirror foot illumination, refer to the Illuminated Entry System (The Japanese is not consistent in its phrasing for this).

Electric Retraction Door Mirror System Components



List of main component functions

Component (Abbreviation)	Main function
Power Retractable Remote Control Door Mirrors With Foot Illumination	—
Outside rear view mirror switch in module switch	The operation of the switches enables the adjustment of the mirror surface angle, as well as the retraction and resumption of the mirrors.
Gateway ECU	Relays bus-to-bus BEAN signals as the connection points for the buses of the bidirectional body multiplex communications.
driver /Front passenger door ECU	Upon receiving the operation request and mode signals, the ECU actuates the mirror surface control motor and the retraction/resumption motor.

Electric Retraction/Extension Function

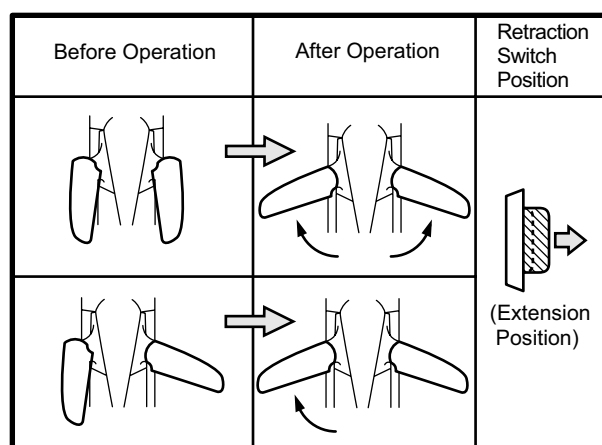
- When the driver operates the retraction/resumption switch while the power supply is in the ACC or IG ON position, the mirrors perform a retraction or resumption operation.
- When the driver turns the power supply to the IG OFF position during the retraction or resumption of the mirrors, the mirrors stop operating at the instant the power supply has been turned to the IG OFF position. When the driver turns the power supply to the ACC or IG ON position again, the mirrors will continue their operation to reach the retraction or resumption position.
- If the state of the retraction/resumption switch differs from the position of the mirrors while the power supply is in the IG OFF position (such as when the retraction/resumption switch is pressed to the retraction side but the mirrors are in the resumption position), the driver can turn the power supply from the IG OFF to the ACC or IG ON position to enable the mirrors to perform the retraction or resumption operation in accordance with the state of the switch.

Foot Lighting Function

- When the vehicle interior and exterior ID code check performed by the SMART ENTRY & START SYSTEM is OK, the foot illumination of the door mirror turns ON for approximately 15 seconds to illuminate the foot area while the occupant enters or exits the vehicle.

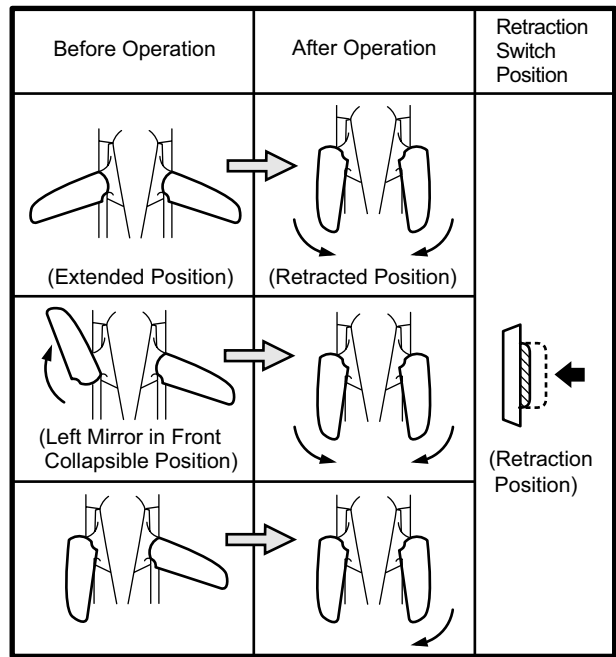
Door Mirror Extension

- When the driver pushes the switch to the resumption side while both right and left mirrors are in the retracted position, both the right and left mirrors will perform a resumption operation.
- If the mirrors are in the retracted position and the driver manually moves one of the mirrors to the resumption position, that mirror will maintain that state. If the driver pushes the switch to the resumption side, only one of the mirrors will perform a resumption operation.



Door Mirror Retraction

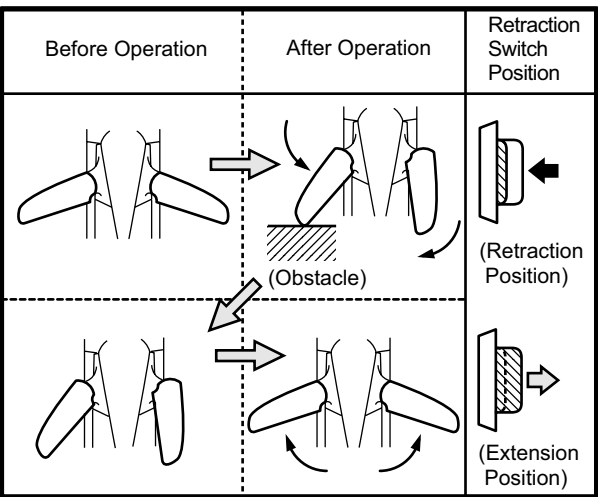
- If the mirrors are in the resumption position and the driver pushes the switch to the retraction side, both the right and left mirrors will perform a retraction operation.
- If the mirrors are in the resumption position and the driver manually moves one of the mirrors to the forward folding position, that mirror will maintain that state. If the driver pushes the switch to the retraction side, both the right and left mirrors will perform a retraction operation.
- If the mirrors are in the resumption position and the driver manually moves one of the mirrors to the retraction position, that mirror will maintain that state. If the driver pushes the switch to the retraction side, only one of the mirrors will perform a retraction operation.



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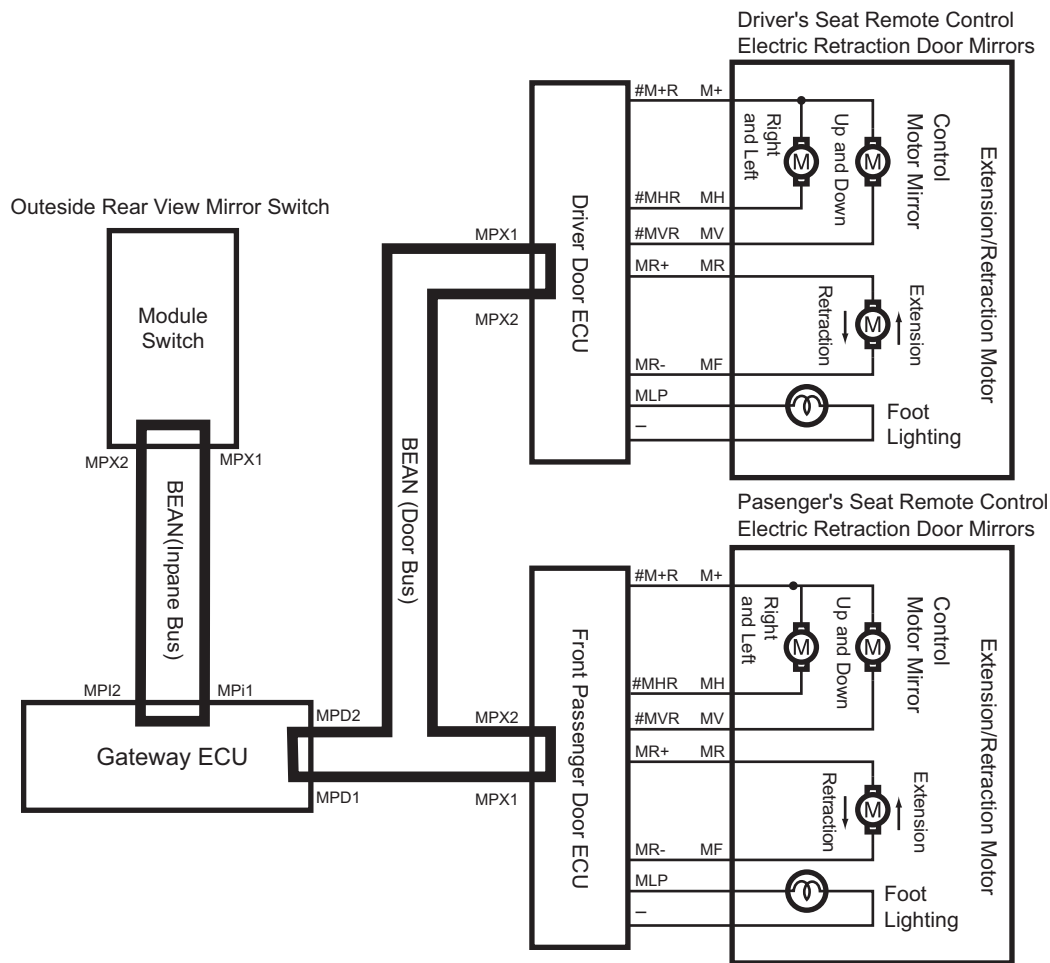
Fail-Safe of Door Mirror

- If the movement of a mirror is stopped by an obstacle, it will remain in that state. For this reason, the driver must operate the switch to move the mirrors in the retraction or resumption position after removing the obstacle.



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Electric Mirror System Operation



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Power Retraction/Resumption Operation

- When the power supply is in the ACC or IG ON position, the module switch detects the state of the retraction/resumption switch, and transmits a "mirror retraction <or mirror resumption>" signal to the driver and front passenger door ECUs via the BEAN.
- Upon receiving the "mirror retraction <or mirror resumption>" signal, the driver and front passenger door ECUs will perform a retraction or resumption operation in the same way as the auto power operation.