

■ FUNCTION OF MAIN COMPONENTS

Components		Function
Power Back Door Drive Unit	Power Back Door Motor	Opens and closes the back door when actuated by the power back door ECU.
	Magnetic Clutch	Transmits the rotation of the power back door motor to the driven gear.
	Hall IC	Detects the back door position and the opening and closing speed of the back door.
Back Door Lock Assembly	Opener & Closer Motor	Locks and unlocks the latch of the back door lock when actuated by the power back door ECU.
	Back Door Courtesy Switch	Detects whether the back door is opened or closed. This switch turns ON when the back door is opened or ajar and OFF when the back door is closed.
	Neutral Position Switch	Detects the initial (neutral) position of the driven gear of the opener & closer motor. The switch is on when the back door lock operates to the open side, and off when it operates to the close side.
	Full Latch Switch	Detects the fully closed position of the latch, turns on in the overlatch condition.
	Half Latch Switch	Detects the ajar position of the latch, turns on in the open latch condition.
Touch Sensor		Detects if an object is jammed in the back door.
Power Back Door Buzzer		The buzzer sounds to inform the driver that the system is in operation when the power back door system starts to operate. The buzzer also sounds if a malfunction in the system is detected.
Power Back Door OFF Switch		- Setting this switch to OFF condition* prohibits system operation. - In case that this switch is in OFF condition., it is possible to do the open/close operation of the back door manually as the magnetic clutch of the power back door motor is off.
Power Back Door Opener/Closer Switch		Setting this switch to ON opens or closes the back door from the cabin.
Power Back Door Closer Switch		The back door closes when this switch is turned ON from outside of the vehicle.
Transmitter		The back door opens or closes when the power back door button on the transmitter is pressed outside of the vehicle.
Back Door Opener Switch		This switch releases the latch of the back door lock for manual opening of the back door. For details, see page BE-121 in the electrical back door outside handle system section. Pressing the back door opener switch during operation of the power back door system enables switching to manual operation of the power back door.
Power Back Door ECU		Controls the power back door system in accordance with the signals received from the switches and ECUs.
Body ECU		The body ECU transmits back door lock/unlock control signal to the power back door ECU via the BEAN.
THS ECU		The THS ECU transmits the shift position signal (P and N positions) to the power back door ECU via the gateway ECU, through CAN communication.
Combination Meter (Meter ECU)		The meter ECU transmits the vehicle speed signal to the power back door ECU via the gateway ECU, through BEAN communication.

*: The state in which the switch is not pressed.