

■ SYSTEM OPERATION

1. General

The ECUs that pertain to the body electrical system perform the functions and system controls described in the following chart.

ECU	Function	
Body ECU	Interior Light	Illuminated entry system control
	Exterior Light	Light auto turn-off system control (with Delay control)
		Daytime running light system control
		Automatic light control system
	Warning Control	Key reminder warning
		Door ajar warning
	Door Lock Control	Door lock control switch manual operation
		Key-linked lock and unlock function
		Manual unlock prohibition function
		2-step unlock function
		Key confine prevention function
		Shift-linked automatic door lock and unlock
		Speed sensitive automatic door lock
		Ignition switch-linked automatic door unlock
		Collision door lock release
	Wireless Door Lock Remote Control System	Door lock and unlock operation
		Answer back operation
		Panic alarm operation
		Luggage door open operation
	Theft Deterrent System	Door lock operation
		Warning operation (Interior light, Hazard light, Headlight, Taillight, Vehicle Horn)
	Rear Power Window Control	Control signal conversion function (Converts control signal from power window master switch and outputs it to rear RH door ECU or rear LH door ECU.)
	Moon Roof Control	Key-linked open operation
		Transmitter-linked open operation
	Customize	Customized body electronics system control
	Diagnosis	Self diagnosis
Driver Door ECU	Power Window Control	Power window system control (Driver's door)
	Customize	Customized body electronics system control
Front Passenger Door ECU	Power Window Control	Power window system control (Front passenger's door)
	Customize	Customized body electronics system control

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ECU	Function	
Rear RH Door ECU and Rear LH Door ECU	Power Window Control	Power window system control (Rear passenger's door)
Theft Deterrent ECU	Theft Deterrent System	Warning operation (Security Horn)
	Customize	Customized body electronics system control

2. Customized Body Electronics System

General

The customized body electronics system enables the control function settings of the ECUs to be changed through the use of a hand-held tester.

However, this system can only change the settings of the ECUs that are connected to the BEAN.

Operation

The specifications of the systems and functions that can be changed by operating a hand-held tester are listed below.

ECU	System	Content	Initial Setting	Selection
Body ECU	Wireless Door Lock Remote Control System	Answer back buzzer volume	50%	50/75/84/89/93% /Non-operation
		Answer back operation	ON	ON/OFF
		Wireless-linked power window open operation	ON	ON/OFF
		Door ajar warning operation	ON	ON/OFF
		Automatic lock operation	30 sec.	60/30 sec.
		Trunk lid open operation	0.8 sec. Pressed Continuously	Pressed Once /0.8 sec. Continuously /Pressed Twice /Non-operation
		All door's unlock operation (Button operation twice)	ON	ON/OFF
		Panic alarm operation	ON	ON/OFF
	Door Lock Control System	Speed sensitive automatic door lock operation	OFF	ON/OFF
		All door's unlock operation (Door key operation twice)	ON	ON/OFF
		Shift-linked automatic Door unlock operation	OFF	ON/OFF
		Shift-linked automatic Door lock operation	ON	ON/OFF
		Ignition switch-linked automatic door unlock	OFF	ON/OFF
	Reminder System	Key reminder warning function	ON	ON/OFF
	Illuminated Entry System	Light illumination time	15 sec.	7.5/15/30 sec.
		Front foot light illumination operation	ON	ON/OFF
		Front foot light dimmer control	ON	ON/OFF

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ECU	System	Content	Initial Setting	Selection
Body ECU	Illuminated Entry System	Light control of the front interior light by turning the ACC off	OFF	ON/OFF
		Brightness of front foot light under dimmer control	3%	0 – 100%
	Automatic Light Control System	Delay time	Standard	Standard /Long
		Sensitive adjustment	0	–40/–20/0/20/40%
		Light off delay adjustment	30 sec.	0/30/60/90 sec.
	Daytime Running Light System	Daytime running light system control	ON	ON/OFF
Driver, Front Passenger Door ECU	Power Window System	Key-linked open operation	ON	ON/OFF
Theft Deterrent ECU	Theft Deterrent System	Passive mode	OFF	ON/OFF