

2. System Operation

General

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

	ECU	Function and System Control
Bus centered on Body ECU	Body ECU	<ul style="list-style-type: none"> ● Exterior Light Control ● Interior Light Control ● Warning Control ● Door Lock Control (for models with door lock control system) ● Passenger and Rear Power Window Control (for models with power window system) ● Wireless Door Lock Remote Control (for models with wireless door lock control system) ● Theft Deterrent System Control (for models with theft deterrent system) ● Customize
	Driver Door ECU (for models with power window system)	<ul style="list-style-type: none"> ● Power Window System Control ● Customize
	Theft Deterrent ECU (for models with theft deterrent system)	<ul style="list-style-type: none"> ● Theft Deterrent System Control ● Customize
	Double Lock ECU (for models with double lock system)	Double Lock System Control
	Power Seat ECU (for models with Power Seat)	<ul style="list-style-type: none"> ● Power Seat Function ● Memory System ● Customize
	Tilt & Telescopic ECU (for models with power tilt and telescopic steering column)	<ul style="list-style-type: none"> ● Power Tilt and Telescopic Steering Column Control ● Customize
	Remote Control Mirror ECU (for models with remote control mirror)	<ul style="list-style-type: none"> ● Outside Rear View Mirror Control ● Customize
	Wiper ECU (for models with wiper system with raindrop sensing function)	<ul style="list-style-type: none"> ● Wiper control ● Customize
	Rain Sensor (for models with wiper system with raindrop sensing function)	<ul style="list-style-type: none"> ● Raindrop Sensing Function ● Customize
Bus centered on Engine ECU	Engine ECU	<ul style="list-style-type: none"> ● Engine Control ● A/T Control ● Cruise Control (for models with cruise control system)
	Meter ECU	<ul style="list-style-type: none"> ● Combination Meter Display ● Buzzer System
	A/C ECU (for models with multi display)	Air Conditioner Control
	Gateway ECU (for models with multi display)	Gateway Function
	Multi Display (for models with multi display)	<ul style="list-style-type: none"> ● Navigation System ● Air Conditioner System Operation Function ● Trip Information Function

Customized Body Electronics System

1) 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 change the settings of only the ECUs that belong to the bus in which communication is centered on the body ECU.

2) Operation

Operating a hand-held tester can change the specifications of the systems and functions.

The changed contents that are open to users are shown in the following list.

System	Hand-Held Tester Display Content	Contents	Default	Selection
Wireless Door Lock Remote Control System	AUTO LOCK DELAY (Auto lock time)	To change the time until re-locking after unlocking with the wireless door lock function.	30 sec.	30 sec. /60 sec.
	HAZARD ANSWER BACK (Hazard answer back of the wireless)	Function to light up the all turn signal light once when pressing the transmitter lock button and twice when pressing the unlock button under the condition that the Engine Hood, all the doors are closed.	ON	ON/OFF
	ALARM FUNCTION*1 (Panic function)	Function to operate the theft deterrent system by keeping pressing the lock button of the transmitter for 2.5 seconds. If there is the panic button, press the panic button instead of the lock button.	ON	ON/OFF
	WIRELESS OPER (Wireless door lock control function)	ON/OFF of the wireless door lock function.	ON	ON/OFF
Wiper System*2	REWIPE CONTROL (Rewipe control)	Function to change time until operating the wiper to prevent dropping after having used the washer.	SPD MOD	OFF/3 sec. /SPD MOD
	SPEED MODE (Speed mode)	Function to change to the intermittent operation when the vehicle comes to a stop (0 vehicle speed) from running condition in case that the wiper switch is at the LO position.	AVAIL	AVAIL /NOT AVAIL
Illuminated Entry System	I/L ON/UNLOCK (Interior light ON w/door key unlock)	Function to light up the interior light, ignition light and step light when unlocking with the door key cylinder.	ON	ON/OFF
	LIGHT CONTROL (Lighting time)	To change the lighting time after closing the door. (It will quickly fade out in case of turning the ignition ON.)	15 sec.	7.5 sec. /15 sec. /30sec.
	I/L ON/ACC OFF (Light the I/L when ACC OFF)	Function to light the interior light when the ignition switch is operated from “ACC” to “LOCK”.	ON	ON/OFF

*1: Only for General countries models with Theft Deterrent System

*2: Only for Europe models with wiper system with a rain drop sensing function