■FUNCTION OF MAIN COMPONENTS

Components		Function
Smart key		Receives the signals from oscillators and returns the ID code to the wireless door lock receiver.
Door Oscillator (Driver and Front Passenger Doors)		Intermittently transmits key detection signals within the detection area around each door, upon receiving a transmission request signal from the smart ECU.
Room Oscillator		Transmits a key detection signals within the detection area in the vehicle interior upon receiving a transmission request signal from the smart ECU.
Back Door Oscillator	Inner	Transmits a key detection signals within the detection area in the luggage room upon receiving a transmission request signal from the smart ECU.
	Outer	Transmits a key detection signals within the detection area around the back door upon receiving a transmission request signal from the smart ECU.
Luggage Antenna		Transmits a back door oscillator signal.
Door Outside Handle (Driver and Front Passenger)	Touch Sensor	Detects when a person touches an outside handle inside.
	Antenna	Transmits door oscillator signal.
	Lock Switch	Transmits a door lock request signal to the smart ECU.
Back Door Lock Switch		Transmits a door lock request signal to the smart ECU.
Back Door Opener Switch		Transmits a back door open request signal to the smart ECU via the body ECU.
Wireless Door Lock Receiver		Receives the ID code from the smart key and transmits it to the smart ECU.
Power Switch		Switches the vehicle power modes in four stages (OFF, ACC, IG-ON, and READY) in accordance with the position of the shift lever, the state of the stoplight switch, and the check results of the smart key.
Smart Key Cancel Switch		Turns the smart entry & start system ON/OFF.
Stop Light Switch		Outputs the state of the brake pedal to the power source control ECU.
Combination Meter	Smart Entry System Warning Light	The smart ECU illuminates the smart entry system warning light and sounds the buzzer to alert the driver that the smart key is being moved out of the vehicle while the hybrid system is in operation, the door locks are being operated, or the smart key is being left in the vehicle, in order to prevent these conditions from occurring.
	Buzzer	
Wireless Door Lock Buzzer		The smart ECU sounds the wireless door lock buzzer to alert the driver that the smart key is being moved out of the vehicle while the hybrid system is in operation, the door locks are being operated, or the smart key is being left in the vehicle, in order to prevent these conditions from occurring.

(Continued)

Components	Function
Smart ECU	• Identifies and checks the ID codes from the wireless door lock receiver, then transmits signals to the ECUs if the ID codes match. • Upon receiving signals from the switches, it transmits an intermittent transmission request signal to the door oscillators and a transmission request signal to other oscillators in accordance with the conditions.
Power Source Control ECU	Effects primary control of the push button start system. It receives the results of the ID code check of the smart key provided by the smart ECU via the transponder ECU. When the check results reveal that the ID code is legitimate, the power source control ECU authorizes the transition of the power modes through the operation of the power switch.
Transponder Key ECU	• Effects primary control of the HV immobilizer system. It transmits the results of the ID code check of the smart key provided by the smart ECU to the power source control ECU. • Transmits a hybrid system start authorization signal to the HV ECU.
Transmission Control ECU	• Actuates the parking lock actuator upon receiving the power switch OFF signal from the power source control ECU. • Transmits the state of the parking lock operation (whether the shift position is in the P position or some other position) to the power source control ECU.
HV ECU	• Starts the hybrid system upon receiving a system start signal from the power source control ECU (READY ON). • Receives a hybrid system start authorization signal from the transponder key ECU.
Body ECU	• Transmits body control system signals (courtesy switch, door key lock/unlock switch, door lock position switch, halfway switch signals, etc.) to the smart ECU, via the BEAN • Receives a door lock/unlock request signal from the smart ECU via a dedicated serial communication line (with local protocol), which is used between the body ECU, smart ECU, and wireless door lock receiver.