05IIG–01

SYSTEM DESCRIPTION

1. KEY REMINDER WARNING SYSTEM DESCRIPTION

(a) The key reminder warning system sounds the combination meter buzzer as a warning when: 1) the power switch's power mode is set to OFF or ON (ACC), 2) the key is inserted into the key slot, and 3) the driver side door is opened.

2. FUNCTION OF MAIN COMPONENTS

Components	Function
Front door courtesy lamp switch assy	Detects if driver side door is open or closed and outputs data to multiplex network body ECU
Halfway switch	Detects if key is/isn't in key slot and outputs data to transponder key ECU
Combination meter assy	Receives buzzer request signal from transponder key ECU (after transponder key ECU receives halfway switch signal from key slot and front door courtesy lamp switch signal from front door courtesy lamp switch via multiplex body ECU). Then combination meter assy actuates driver circuit to sound built–in multi–buzzer intermittently.

3. FUNCTION OF DESCRIPTION

(a) The key slot transmits a halfway switch status signal to the transponder key ECU. The front door courtesy lamp switch transmits a driver side door courtesy status signal to the multiplex network body ECU. With the power switch OFF or ON (ACC), 2 conditions are required to activate the key reminder warning system: 1) the transponder key ECU receives a signal indicating that the key is in the key slot, and 2) the transponder key ECU receives a driver side door open signal via the multiplex body ECU. If both conditions are satisfied, a buzzer request signal is transmitted from the transponder key ECU to the combination meter assy via the BEAN. The combination meter assy then actuates the driver circuit to sound a built–in multi–buzzer intermittently.