

SYSTEM DESCRIPTION

1. FUEL LID OPENER SYSTEM COMPONENT

Components	Function
Theft Deterrent ECU	Receives door lock status data and other data using door system bus (BEAN) and uses these data to judge if fuel lid can be opened or not. When judgment is made that fuel lid can be opened, theft deterrent ECU outputs fuel lid open output request signal to luggage room J/B.
Gateway ECU	Transmits each bus signal of BEAN and passes them between other ECUs
Driver Side J/B ECU	Transmits fuel lid opener switch signal to steering column bus of BEAN
Luggage Room J/B ECU	Receives fuel lid open output request signal from steering column bus of BEAN
Fuel Lid Opener Switch	Detects fuel lid opener switch operation and transmits data to driver side J/B ECU
Fuel Lid Opener Motor	Rotates according to control of luggage room J/B ECU and opens fuel lid

2. FUEL LID OPENER SYSTEM FUNCTION

The fuel lid opener switch is located on the lower left underside of the instrument panel. Using this switch, the fuel lid can be opened.

When a fuel lid opener switch ON signal is input to the driver side J/B ECU, the driver side J/B ECU outputs this signal to the theft deterrent ECU through the gateway ECU using the BEAN. The theft deterrent ECU, which receives different kinds of data using the BEAN, judges if the fuel lid can be opened or not. When the judgment is made that the fuel lid can be opened, a fuel lid open output request signal is sent to the luggage room J/B ECU through the gateway ECU. While the theft deterrent system is operating, the fuel lid cannot be opened by switch operation in order to prevent theft.