



## Removal

1. Disconnect the negative (-) battery terminal.
2. Remove the luggage side trim [RH].  
**(Refer to Body - "Luggage Side Trim")**
3. Disconnect the external amplifier connectors (A).



4. Remove the external amplifier (A) after loosening the mounting nuts.



## Installation

1. Install the external amplifier after connecting the connectors.
2. Install the luggage side trim [RH].
3. Connect the negative (-) battery terminal.

### NOTICE

- Make sure that the external amplifier connectors are plugged in properly.
- Check the AVN system for normal operation.

## Inspection

### NOTICE

- Warning and guide sounds regarding engine start and driving are generated by the external amplifier. Please refer to the following: (Instrument Cluster and Gauge - Refer to "Instrument Cluster")
- When the external amplifier or speakers are replaced with other products, a failure may occur in the amplifier and warning and guide sounds (excluding the ETCS guide sound) may not be generated.
- Virtual engine sound inside the vehicle (occurs in Sport mode) is generated by the external amplifier. Therefore, if the external amplifier or speakers are replaced with other products, a failure may occur in the amplifier and virtual engine sound may not be generated properly.

1. In the body electrical system, failure can be quickly diagnosed by using the vehicle diagnostic system (KDS).
  - (1) Self diagnosis : Checking failure and code number (DCT).
  - (2) Current data : Checking the system input/output data state.
  - (3) Actuation test : Checking the system operation condition.
  - (4) Additional function : Controlling other features including system option setting and zero point adjustment
2. Select the "Car model" and the system to be checked in order to check the vehicle with the tester.
3. Select the "Amplifier" to check the AVN.
4. Select the "Current data" menu to search the current state of the input/output data.  
The input/output data for the sensors corresponding to the Amplifier can be checked.

**S/W Management**

Unfold All

Systems	Components
E-Shifter	
Amplifier	
AMP Operation Test	
Cluster Module	
Driver Door Module	
Head Up Display	
IBU-BCM	
IBU-SMK	
IBU-TPMS	
Power Seat Module	
Power Tailgate Module	
Steering Column Module	
Wireless Power Charger System	
ICU (CGW)-Gasoline	
ICU (CGW)-Diesel	

**!** Do not touch any system buttons while performing this function.

**S/W Management****• AMP Operation Test**

Purpose	To check the connection status of speaker or external AMP wire.
Enable Condition	1. Engine Off 2. Ignition Switch On
Concerned Component	Speaker, Amp
Concerned DTC	-
Fail Safe	-
Etc	-

**OK****Do not touch any system buttons while performing this function.**

## S/W Management

### ■ AMP Operation Test

#### ● [ Operation test for external AMP ]

This test is to check the connection status of speaker or external AMP wire.

##### ●[ Condition ]

1. IG ON

Press **[OK]** button to continue.

OK

Cancel



Do not touch any system buttons while performing this function.

## S/W Management

### ■ AMP Operation Test

- [ Operation test for external AMP ]

In progress...

Please wait for a moment.

**Cancel**



Do not touch any system buttons while performing this function.

