

## 2. Audio System

### A: WIRING DIAGRAM

#### 1. AUDIO

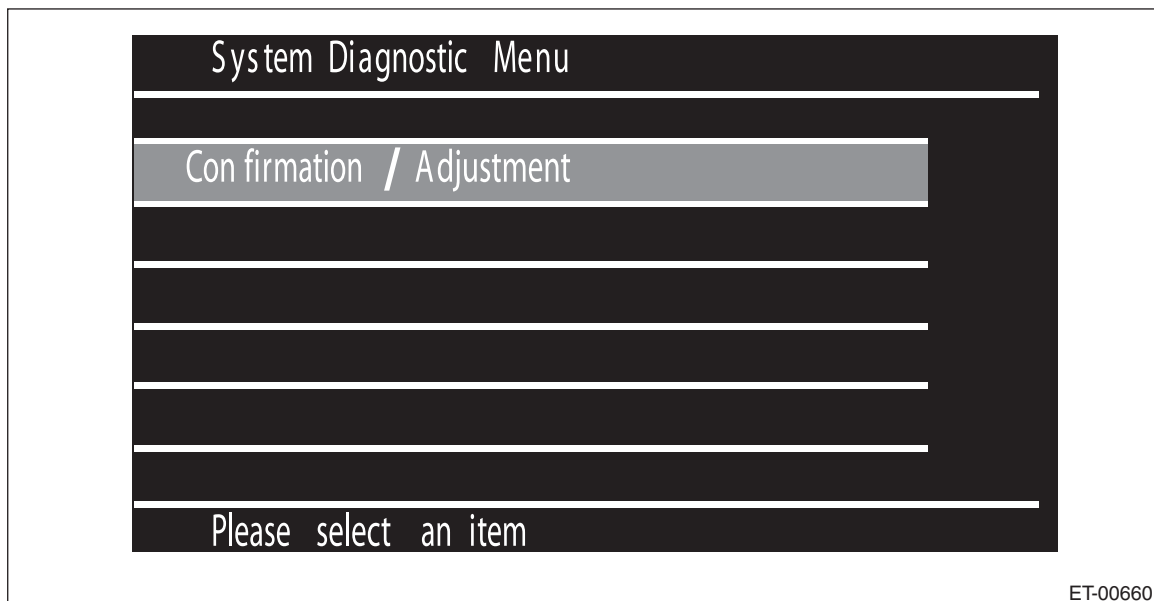
Refer to “Audio System” in the wiring diagram. <Ref. to WI-67, WIRING DIAGRAM, Audio System.>

### B: INSPECTION

Symptoms	Repair order
No power coming in. (No display and no sound from speakers)	<ol style="list-style-type: none"> <li>1. Check the fuse and power supply for audio.</li> <li>2. Check the audio ground.</li> <li>3. Remove the audio and repair them.</li> </ol>
A specific speaker does not operate.	<ol style="list-style-type: none"> <li>1. Check the speaker.</li> <li>2. Check the output circuit between audio and speaker.</li> </ol>
Audio generates noise with engine running.	<ol style="list-style-type: none"> <li>1. Check the audio ground.</li> <li>2. Check the generator.</li> <li>3. Check the ignition coil.</li> <li>4. Remove the audio and repair them.</li> </ol>
Volume is low in AM and FM modes or interference noise occurs.	<ol style="list-style-type: none"> <li>1. Check the antenna.</li> <li>2. Check the antenna amplifier.</li> <li>3. Check the rear window defogger.</li> <li>4. Check the noise suppressor.</li> <li>5. Check the audio ground.</li> <li>6. Remove the audio and repair them.</li> </ol>
Rear window defogger generates noise when it operate.	<ol style="list-style-type: none"> <li>1. Check the rear window defogger.</li> </ol>

#### 1. CHECK EACH VEHICLE SIGNAL

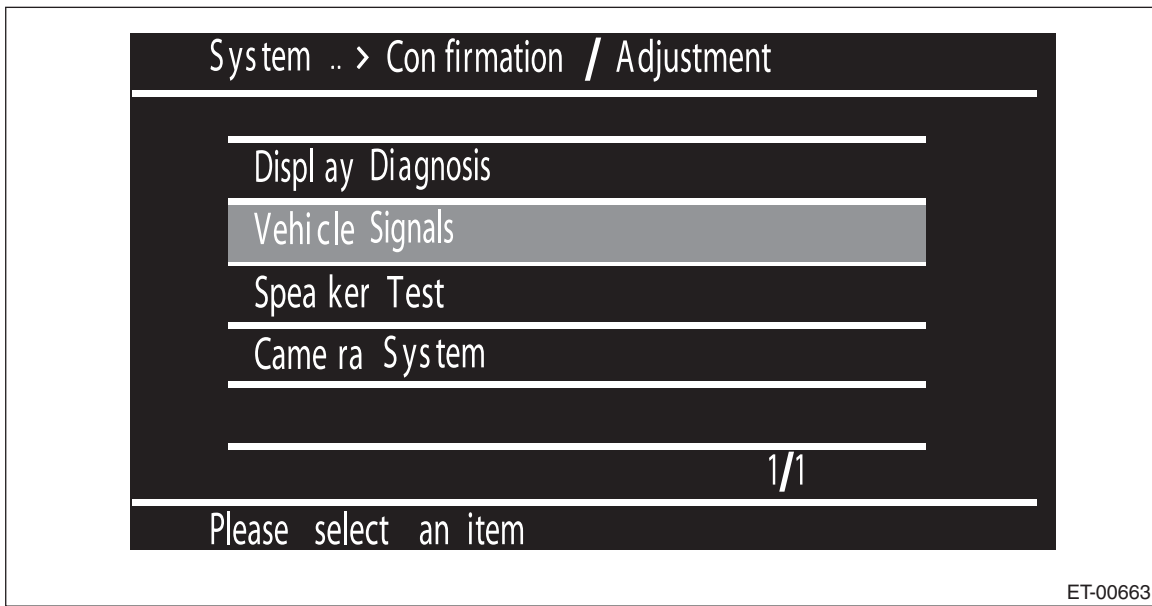
- 1) With the ignition switch ON and audio OFF, turn the VOLUME dial by 40 clicks while pressing the preset 1 key.
- 2) When «System Diagnostic Menu» is displayed, select {Confirmation/Adjustment} by SCROLL/TUNE dial, then press ENTER/SETTING key (SCROLL/TUNE dial).



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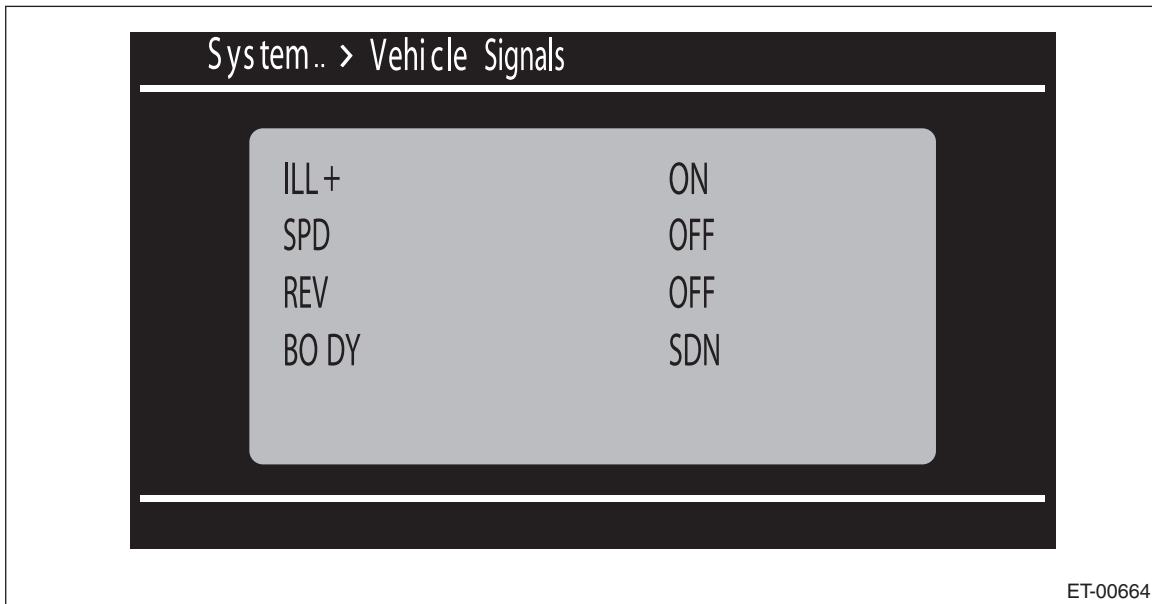
### ENTERTAINMENT

3) When «System.. > Confirmation/Adjustment» is displayed, select {Vehicle Signals} by SCROLL/TUNE dial, then press ENTER/SETTING key (SCROLL/TUNE dial).



#### • CHECK ILLUMINATION

When the light switch is turned ON, make sure that “ON” lights in ILL+ and then the screen becomes dim.



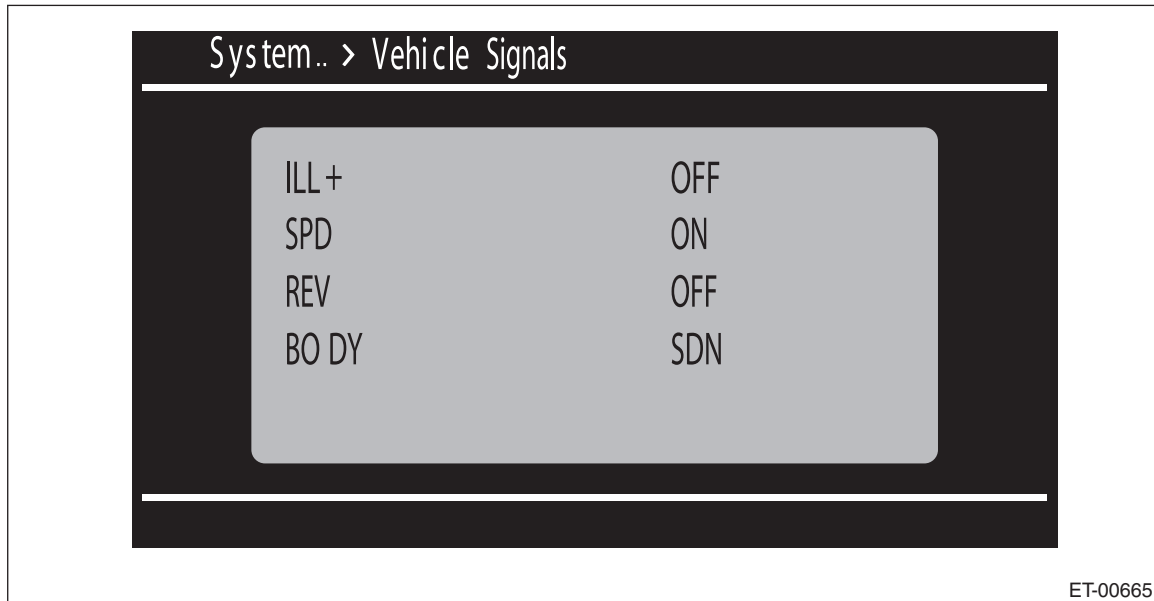
ON: Normal.

OFF: Abnormal. Check the signal line connector. If there are no problems, the unit could be faulty.

## • CHECK SPEED SENSOR

### NOTE:

- Before starting inspections, check the safety around the vehicle.
  - Lift up the vehicle as necessary.
  - When the diagnostic trouble code is input in the VDCCM, perform the Clear Memory operation.
- 1) Move the vehicle slowly 2 to 3 meters (6.6 to 9.8 ft).
  - 2) Check that "ON" is displayed in SPD.

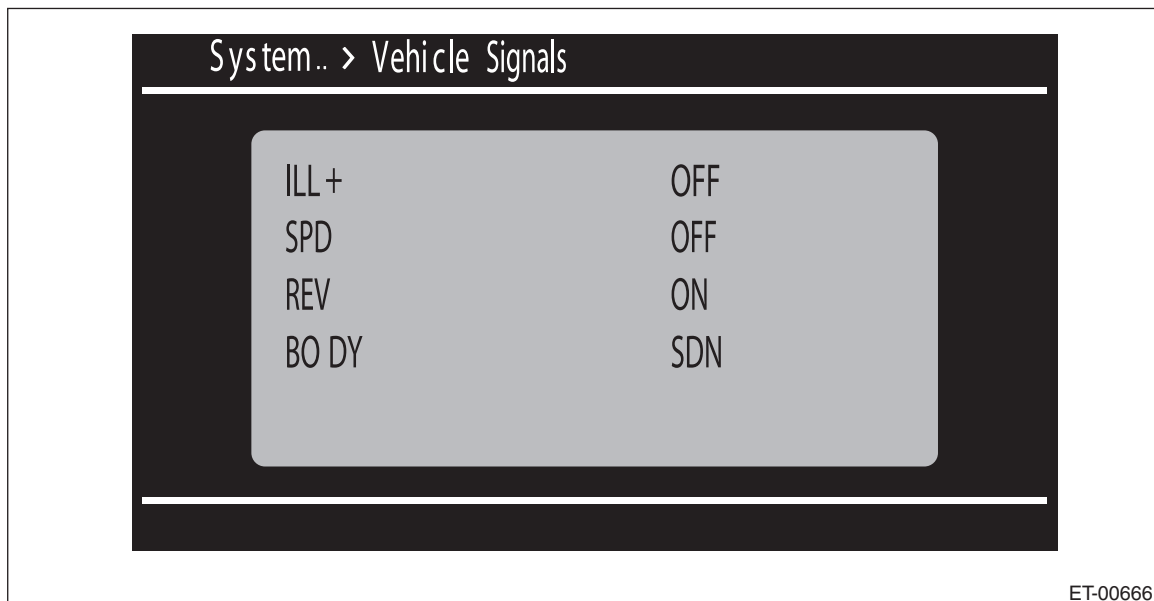


ON: Normal.

OFF: Abnormal. Check the signal line connector. If there are no problems, the unit could be faulty.

## • CHECK BACK SENSOR

- 1) Turn the parking brake switch to ON and depress the brake pedal, then put the gear in reverse.
- 2) Make sure that "ON" is displayed in REV.



ON: Normal.

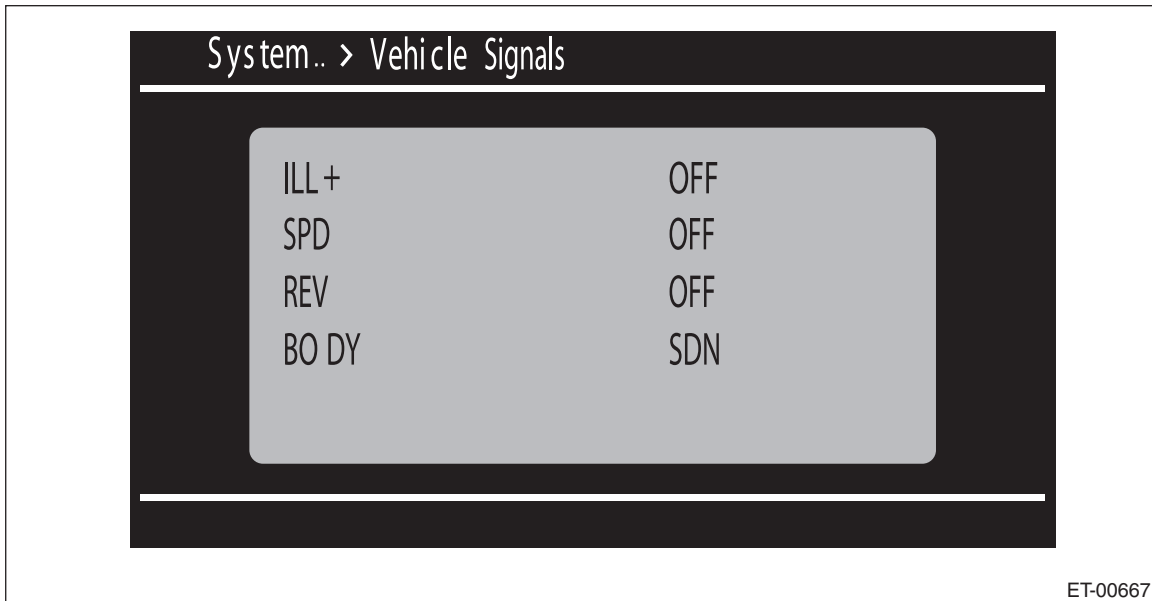
OFF: Abnormal. Check the signal line connector. If there are no problems, the unit could be faulty.

# Audio System

## ENTERTAINMENT

### • CHECK VEHICLE SETTING

1) Check that “SDN” or “WGN” is displayed in BODY.



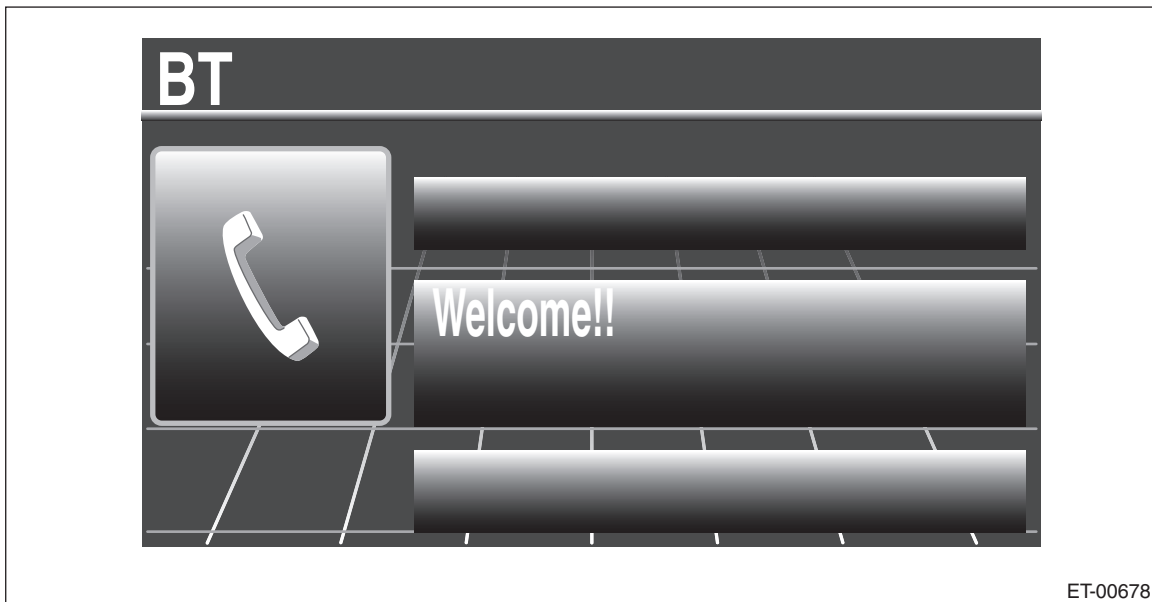
SDN: sedan model

WGN: OUTBACK model

### 2. CHECK MICROPHONE CONNECTION

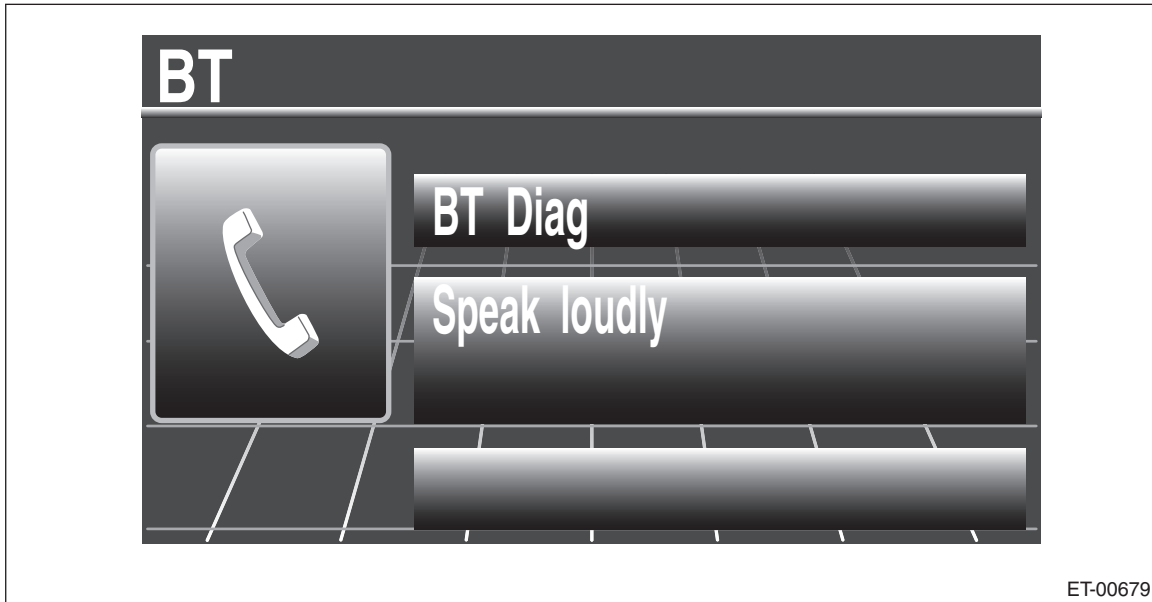
Perform the inspection mode of the microphone connection.

1) When “HOOK OFF” button of the satellite switch is pressed with telephone unregistered, the screen switches to «BT» and “Welcome” is displayed.



2) While “Welcome” is displayed, press “+” → “HOOK OFF” → “+” → “HOOK OFF” → “+” continuously in 5 seconds.

3) After “Speak loudly” is displayed, the inspection mode of the microphone connection is started.



4) When the inspection mode of the microphone connection is completed, the inspection result is displayed.

MIC: good: normal

MIC: CHECK: There is something wrong with the connection status of the microphone. Check the following items.

- Connection status of the microphone
- Change the microphone or audio unit and check the microphone connection again then replace the faulty part.

## C: NOTE

For procedure of each component in the audio system, refer to the respective sections.

- Audio unit: <Ref. to ET-11, Audio.>
- Power amplifier: <Ref. to ET-20, Power Amplifier.>
- Front side speaker: <Ref. to ET-13, FRONT SIDE SPEAKER, REMOVAL, Front Speaker.>
- Front door speaker: <Ref. to ET-14, FRONT DOOR SPEAKER, REMOVAL, Front Speaker.>
- Rear door speaker: <Ref. to ET-16, Rear Speaker.>
- Woofer: <Ref. to ET-18, Woofer.>
- Antenna: <Ref. to ET-21, Antenna.>
- Noise suppressor: <Ref. to ET-35, Noise Suppressor.>
- Steering satellite switch: <Ref. to ET-37, Steering Satellite Switch.>
- XM satellite radio antenna: <Ref. to ET-28, XM SATELLITE RADIO ANTENNA, REMOVAL, Antenna.>