

Description and Operation

System Operation

My Connection Audio System



Item	Description
1	Audio AM/FM/USB and DAB+ (optional)
2	Speakers
3	Antenna (According to the features)
4	Radio remote control
5	Audio Input Jack

Enable Diagnostic Mode

1. Turn ignition on
2. Press button 1 and 6 simultaneously.
3. Speaker self test will start automatically.
4. Don't press any button whilst self test is carry out.
5. After self test has finished press button 2 to get a list of DTCs
6. Use arrow keys to navigate through the list of DTCs

DTC Chart "My Connection" Audio System

DTC Display	Root Description	Failure Type
B1A01-01	Speaker #1 (LF)	General Electrical Failure
B1A01-11	Speaker #1 (LF)	Circuit Short To Ground
B1A01-12	Speaker #1 (LF)	Circuit Short To Battery
B1A01-13	Speaker #1 (LF)	Circuit Open
B1A02-01	Speaker #2 (RF)	General Electrical Failure
B1A02-11	Speaker #2 (RF)	Circuit Short To Ground
B1A02-12	Speaker #2 (RF)	Circuit Short To Battery
B1A02-13	Speaker #2 (RF)	Circuit Open
B1A03-11	Speaker #3 (RR)	General Electrical Failure
B1A03-12	Speaker #3 (RR)	Circuit Short To Ground
B1A03-13	Speaker #3 (RR)	Circuit Short To Battery
B1A04-01	Speaker #3 (RR)	Circuit Open
B1A04-11	Speaker #4 (RR)	General Electrical Failure
B1A04-12	Speaker #4 (RR)	Circuit Short To Ground
B1A04-13	Speaker #4 (RR)	Circuit Short To Battery
U2013-63	Speaker #4 (RR)	Circuit Open
B11BA-11	Bezel Buttons)	Stuck Button
B11BA-63	SWC Input)	Circuit Short To Ground
B1252-11	SWC Input	Circuit Short To Ground
B13C3-11	Switched B+ output	General Checksum Failure
U3000-41	Control Module)	General Checksum Failure
U3000-42	Control Module	General Memory Failure
U3000-96	Control Module	Component Internal Failure
9A05-13	Left Front Tweeter	Circuit Open
9A05-13	Right Front Tweeter	Circuit Open
B116A	Ext. Microphone	Circuit Open

Accessory Delay Feature

The accessory delay feature allows the audio system to be operated for a preset period of time after the ignition is turned off and a front door has not been opened.

AM (amplitude modulation)/FM (frequency modulation) Radio

The AM/FM roof-mounted antenna receives analog radio waves and sends them through the AM/FM antenna coaxial cable to the ACM (audio front control module). The radio waves are converted into fluctuating AC (alternating current) voltage and sent as left and right analog audio signals to the speakers.

Audio Extended Play

This feature allows the audio system to operate with the ignition OFF, regardless of door latch position. When the power button on the ACM is pressed, audio system functionality is enabled and remains active for a period of 60 minutes, depending on sufficient battery voltage. To turn the audio system off, press the ACM power button.

Audio Input Jack Mode

When a portable audio device, such as an iPod® with its available cable, is connected to the vehicle audio system through the audio input jack, audio from the device can be played through the vehicle speakers. Only the volume can be controlled by the vehicle audio controls. All other functions such as seek, fast forward, pause, etc. must be carried out on the device itself.

No metadata (information such as artist, album title, song title, and genre) is transferred when a device is connected to the audio input jack.

Component Description

ACM

The ACM can be operated with the ignition in RUN, ACC, or OFF.

The [ACM](#) receives radio waves containing audio from the antenna coaxial cable and converts them into fluctuating [AC](#) voltage. The [ACM](#) processes these inputs, and sends stereo analog audio signals to the speakers as fluctuating [AC](#) voltage.

Antenna

The [AM/FM](#) radio uses the fixed-mast roof-mounted [AM/FM](#) antenna to receive radio waves containing audio. The radio waves are sent through the [AM/FM](#) antenna coaxial cable to the [ACM](#), where they are amplified.

Audio Input Jack

The audio input jack can be used to play audio files from an audio device connected through the 1/8-inch (3 mm) audio jack.

Audio signals are sent from the audio input jack to the [ACM](#).

There are no power or ground circuits to the audio input jack.

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