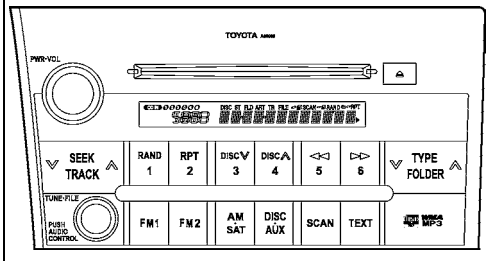
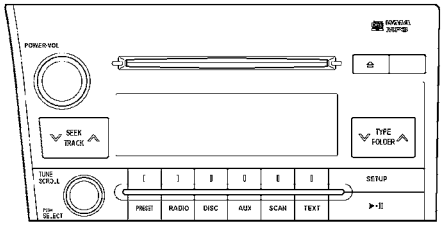
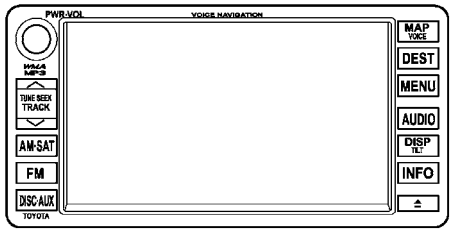
■AUDIO SYSTEM

1. General

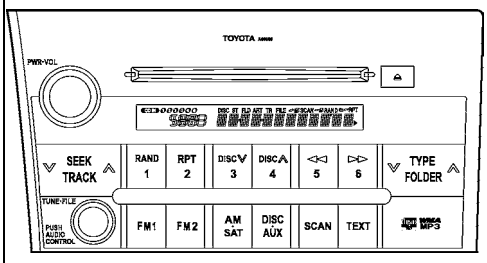
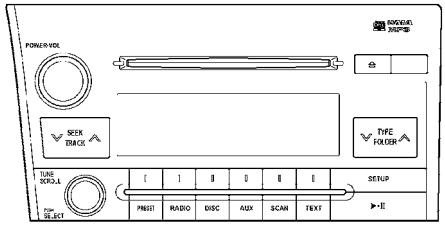
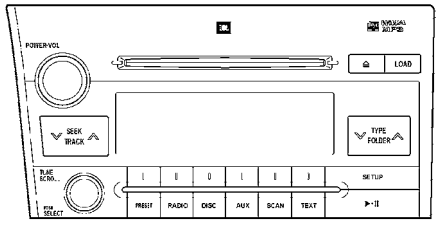
- A Vacuum Fluorescent Display (VFD) has been employed for display panels in the audio head unit of the JBL branded premium audio system to improve visibility and display capacity.
- The Bluetooth® audio system has been added to some audio head units.
- An AUX and USB adapter has been introduced.
- Satellite Digital Audio Radio Service (SDARS) has been introduced.
- For details of provision, refer to the following table:

▶ Specifications ◀

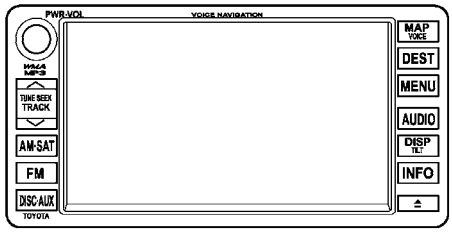
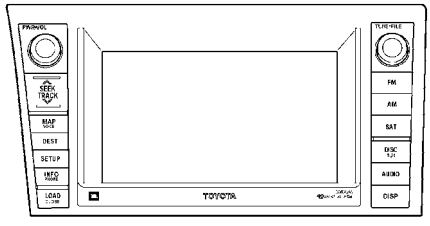
×: Standard OP: Option —: Not Equipped

Regular Cab		
Design	**Specification**	**Provision**
 12DBE02I	Base Grade Audio System ● AM/FM Tuner ● SDARS Ready ● CD Player ● CD-TEXT Display Function ● MP3 and WMA Playback Function ● 4-speaker System ● AUX Adapter Manufacturer: Delphi	×
 12DBE17I	Delux Tech Audio System ● AM/FM Tuner ● SDARS Tuner (Free Trial) ● CD Player ● CD-TEXT Display Function ● MP3 and WMA Playback Function ● Bluetooth Hands-free Function ● Bluetooth Audio System ● 4-speaker System ● AUX and USB Adapter ● VFD Panel Manufacturer: Panasonic	OP
 10SBE19Y	● 6.5-inch LCD Type Display ● AM/FM Tuner ● SDARS Ready ● CD Player ● CD-TEXT Display Function ● MP3 and WMA Playback Function ● 4-speaker System ● AUX Adapter Manufacturer: DENSO	OP

×: Standard OP: Option —: Not Equipped

Double Cab and CrewMax			
Design	**Specification**	**Provision**	
		SR5	**Limited**
 12DBE02I	Base Grade Audio System ● AM/FM Tuner ● SDARS Ready ● CD Player ● CD-TEXT Display Function ● MP3 and WMA Playback Function ● 6-speaker System ● AUX Adapter Manufacturer: Delphi	×	—
 12DBE17I	Delux Tech Audio System ● VFD Panel ● AM/FM Tuner ● SDARS Tuner (Free Trial) ● CD Player ● CD-TEXT Display Function ● MP3 and WMA Playback Function ● Bluetooth Hands-free Function ● Bluetooth Audio System ● 6-speaker System ● AUX and USB Adapter Manufacturer: Panasonic	—	OP
 12DBE18I	JBL Branded Premium Audio System ● VFD Panel ● AM/FM Tuner ● SDARS Tuner (Free Trial) ● In-dash-6-CD Changer ● CD-TEXT Display Function ● MP3 and WMA Playback Function ● Bluetooth Hands-free Function ● Bluetooth Audio System ● JBL 10-speaker System ● AUX and USB Adapter Manufacturer: Panasonic	OP (Double Cab)	× (Double Cab)
	JBL Branded Premium Audio System ● VFD Panel ● AM/FM Tuner ● SDARS Tuner (Free Trial) ● In-dash-6-CD Changer ● CD-TEXT Display Function ● MP3 and WMA Playback Function ● Bluetooth Hands-free Function ● Bluetooth Audio System ● JBL 12-speaker System ● AUX and USB Adapter Manufacturer: Panasonic	OP (CrewMax)	× (CrewMax)

×: Standard OP: Option —: Not Equipped

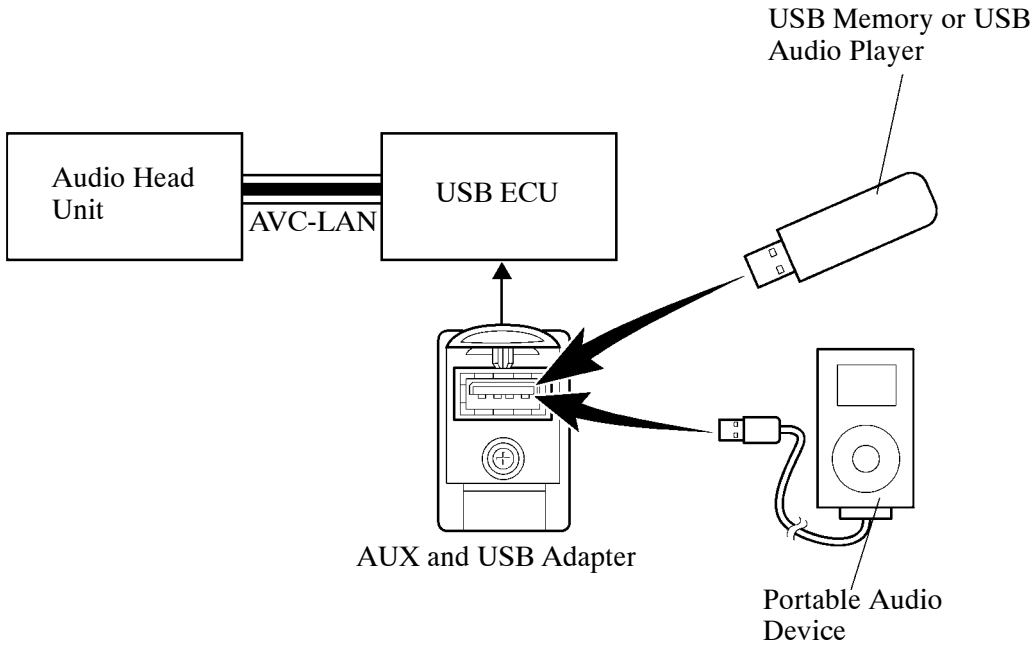
Double Cab and CrewMax			
Design	**Specification**	**Provision**	
		SR5	**Limited**
 10SBE19Y	Base Grade Navigation with AV System ● 6.5-inch LCD Type Display ● AM/FM Tuner ● SDARS Ready ● CD Player ● CD-TEXT Display Function ● MP3 and WMA Playback Function ● 6-speaker System ● AUX Adapter Manufacturer: DENSO	OP	—
 12DBE19I	JBL Branded Navigation with AV System ● 7-inch LCD Type Display ● AM/FM Tuner ● SDARS Tuner (Free Trial) ● In-dash-4-CD Changer ● CD-TEXT Display Function ● MP3 and WMA Playback Function ● Bluetooth Hands-free Function ● Bluetooth Audio System ● JBL 10-speaker System ● AUX and USB Adapter Manufacturer: DENSO	—	OP (Double Cab)
	JBL Branded Navigation with AV System ● 7-inch LCD Type Display ● AM/FM Tuner ● SDARS Tuner (Free Trial) ● In-dash-4-CD Changer ● CD-TEXT Display Function ● MP3 and WMA Playback Function ● Bluetooth Hands-free Function ● Bluetooth Audio System ● JBL 12-speaker System ● AUX and USB Adapter Manufacturer: DENSO	—	OP (CrewMax)

2. AUX and USB Adapter

General

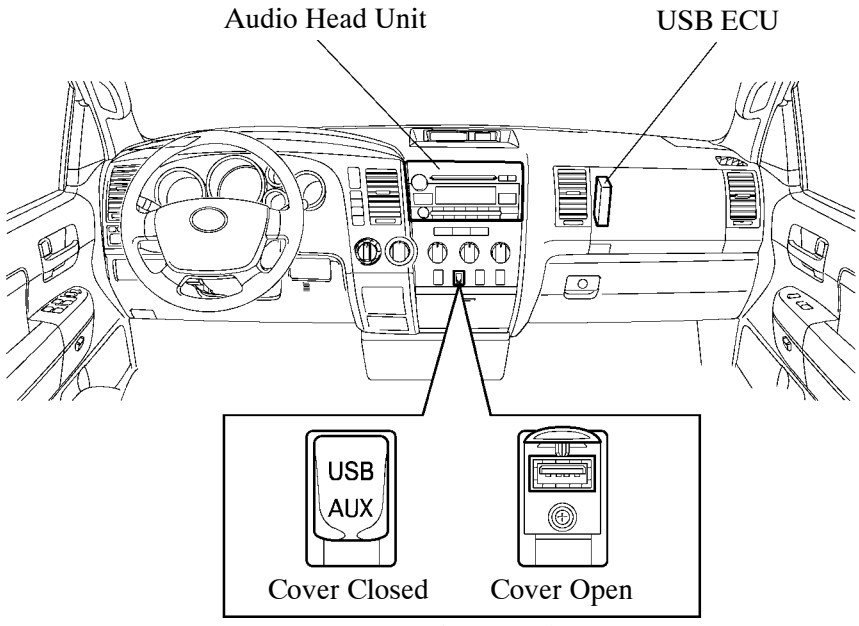
The AUX and USB adapter, which is located in the instrument panel, is used by some audio systems as an input terminal for portable audio devices.

▶ System Diagram ◀



12DBE09I

Layout of Main Components



AUX and USB Adapter

12DBE08I

3. Bluetooth® Audio System

General

The Bluetooth® audio system enables users to enjoy music played on portable players or cellular telephones (with built-in audio player) from the vehicle speakers via wireless communication.

NOTE: The cellular phone or portable player must correspond to the following specifications in order to be connected to the Bluetooth® audio system. However, note that some functions may be limited depending on the type of portable player.

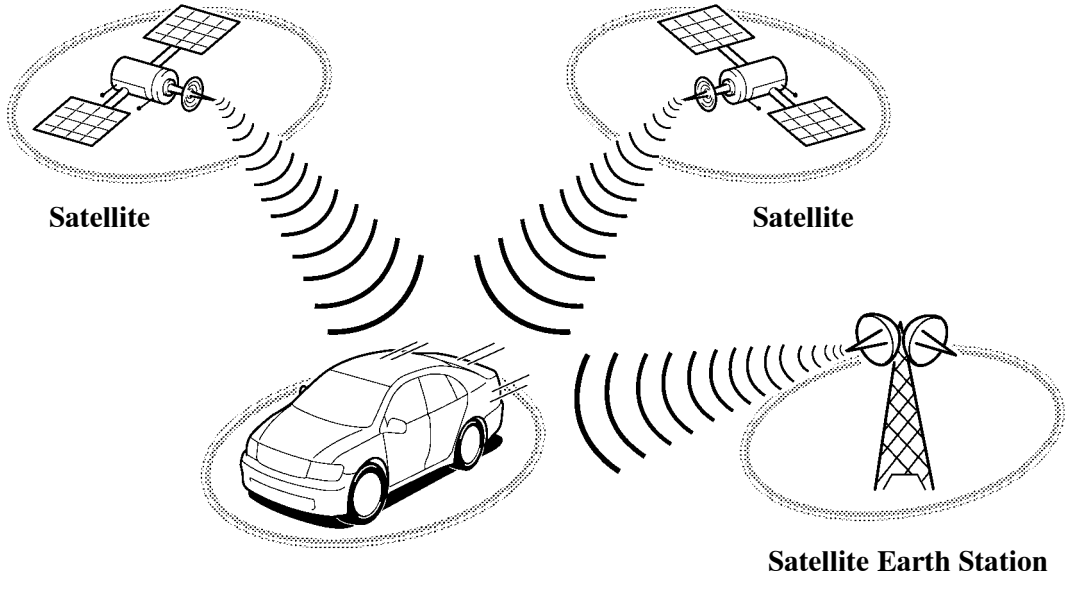
- The following profiles must be supported:
  - Advanced Audio Distribution Profile (A2DP) Version 1.0
  - Audio/Video Remote Control Profile (AVRCP) Version 1.0 or higher (version 1.3 or higher recommended)

4. Satellite Digital Audio Radio Service (SDARS)

General

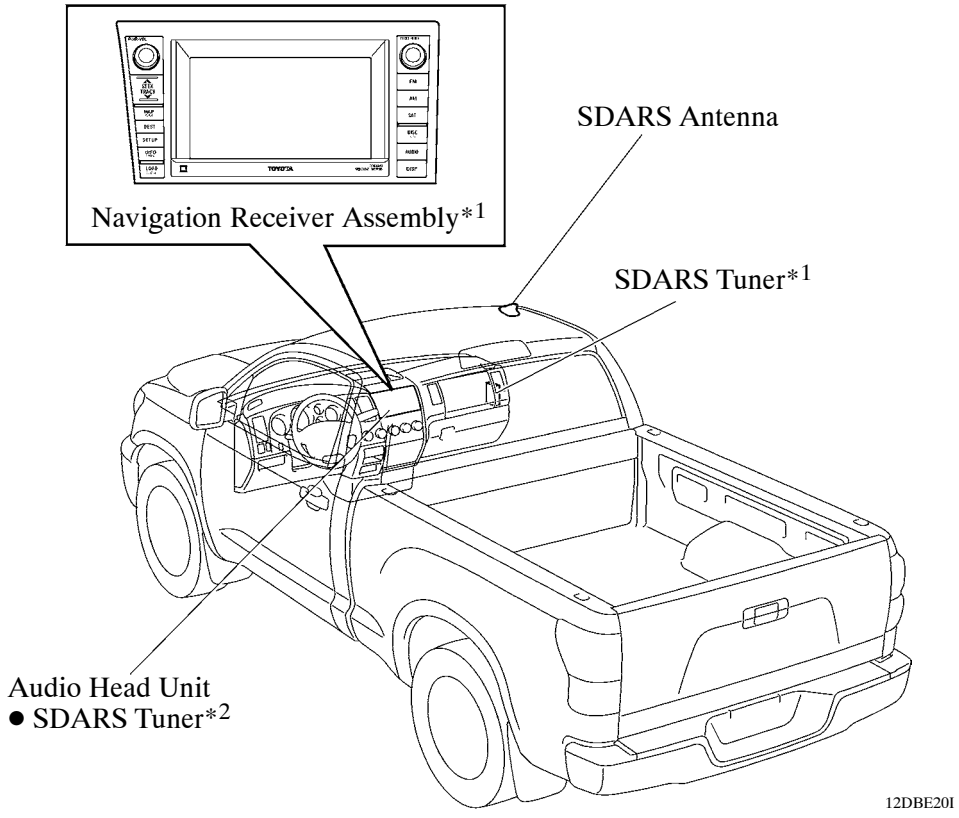
- The Satellite Digital Audio Radio Service (SDARS) uses digital radio broadcasts (XM satellite radio).
- XM satellite radio is a type of pay digital broadcast service.
- The SDARS uses 2 stationary satellites to capture digital radio broadcasts (XM satellite radio) from over 170 channels. XM satellite radio enables users to constantly receive their favorite programs in any location in the U.S.A. (except Hawaii and Alaska) and Canada.
- Because it is digitally broadcast, XM satellite radio produces high-quality sounds similar to CD. Because it uses satellites, its reception range is very wide. In addition to being able to receive broadcasts throughout the U.S.A. (except Hawaii and Alaska) and Canada, users can also receive broadcasts along the Mexico – U.S.A. border. Thus, users can listen to the same station anywhere in these areas. This is particularly convenient for long-distance drivers because it is not necessary to tune to different stations.
- In addition to the 2 satellites, XM satellite radio is supported by 800 satellite earth stations. If the signals from the satellites are disrupted by a tunnel, a gulch, or high-rise buildings, a simultaneous broadcast (called “gap filler”) through ground waves helps achieve excellent reception that is free of interruptions.

▶ System Image ◀



036BE81Y

Layout of Main Components



*1: Models with JBL branded navigation with AV system
*2: Models with delux tech radio and JBL branded premium audio