

2017



CTS/CTS-V CUE
Infotainment



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Introduction



The names, logos, emblems, slogans, and vehicle body designs appearing in this manual including, but not limited to, GM, the GM logo, CADILLAC, the CADILLAC Emblem, and CADILLAC CTS CUE are registered trademarks of General Motors LLC., its subsidiaries, affiliates, or licensors.

For vehicles first sold in Canada, substitute the name General Motors of Canada Company for Cadillac Motor Division, whenever it appears in this manual.

This manual describes features that may or may not be on the vehicle because of optional equipment that was not purchased on the vehicle, model variants, country specifications, features/applications that may not be available in your region, or changes subsequent to the printing of this manual.

Keep this manual with the owner's manual in the vehicle, so it will be there if it is needed. If the vehicle is sold, leave this manual in the vehicle.

Overview

Read the following pages to become familiar with the infotainment system features.



Warning

Taking your eyes off the road for too long or too often while using any infotainment feature can cause a crash. You or others could be injured or killed. Do not give extended attention to infotainment tasks while driving. Limit your glances at the vehicle displays and focus your attention on driving. Use voice commands whenever possible.

The infotainment system has built-in features intended to help avoid distraction by disabling some functions when driving. These functions may gray out when they are unavailable. Many infotainment features are also available through the instrument cluster and steering wheel controls.

Before driving:

- Become familiar with the operation, controls on the center stack, and infotainment displays.
- Set up the audio by presetting favorite stations, setting the tone, and adjusting the speakers.
- Set up cell phone and mobile device numbers in advance so they can be called easily by pressing a single control or by using a single voice command.

See “Defensive Driving” in the owner’s manual.

Customer Assistance

Assistance is available to help with Bluetooth pairing, other mobile device interface, and operation support of the CUE infotainment system. Specialists are available when calling this Customer Assistance number.

U.S.: 1-855-428-3669
(855 4 CUE NOW)

Canada: 1-888-446-2000 (Canadian Cadillac Customer Care Centre)

Infotainment System

The infotainment system is controlled by using the infotainment display, the controls on the center stack, steering wheel controls, and voice recognition.



1. (Power and Mute)
2. VOLUME
3. (Home Page)

Power

- When off, press to turn the system on. Press and hold to turn off.

- When on, press to mute the system. Press again to unmute the system.

When the power is on and the system is not muted, a quick status pane will display when is pressed. Pressing will mute the system and trigger this pane to show a long press is required to actually power down the system.

Volume

The black area above the chrome bar is used to increase or decrease the volume. There are three ways to adjust the volume:

- Slide a finger.
- Press.
- Press and hold.

Home Page

The Home Page is where application icons are accessed. Some features are disabled when the vehicle is moving.

Slide a finger left/right across the screen to access the pages of icons.

Managing Home Page Icons

1. Touch and hold any of the Home Page icons to edit that icon.
2. Drag the icon to a new location on the Home Page.

Steering Wheel Controls

The infotainment steering wheel controls can be used to control the infotainment features displayed in the instrument cluster.

When in Valet Mode, if equipped, access to the infotainment functions is disabled. See “Valet Mode” in the owner’s manual.



 : Press to answer incoming calls. Hold to start voice recognition on your connected Bluetooth mobile device. See *Bluetooth (Overview)* ⇨ 41 or *Bluetooth (Pairing and Using the Phone)* ⇨ 41 and “OnStar Overview” in the owner’s manual.

 : Press to decline an incoming call or end a current call. Press to mute or unmute the infotainment system when not on a call.



 or  : Press the five-way control to the left or right to go to the previous or next area in the display or to the previous or next menu on the instrument cluster.

 or  : Press the five-way control up or down to go up or down in a list on the instrument cluster.

SEL : Press to select a highlighted menu item.

 or  : Press to go to the next or previous favorite when listening to the radio. Press to go to the next or previous track when listening to a media source.

 + or  - : Press to increase or decrease the volume.

Using the System

Audio

Touch the Audio icon to display the active audio source page. Example of available sources are AM, FM, SXM, MyMedia, USB, SD, and AUX.

Phone

Touch the Phone icon to display the Phone main page. See *Bluetooth (Overview)* ⇨ 41 or *Bluetooth (Pairing and Using the Phone)* ⇨ 41.

Nav

If equipped, touch the Nav icon to display the navigation map. See *Using the Navigation System* ⇨ 21.

Climate

Touch the Climate icon to display the Climate main page. See “Dual Automatic Climate Control System” in the owner’s manual.

Users

Touch the Users icon to sign in or create a new user profile and follow the on-screen instructions.

Only four user profiles can be active at one time in the vehicle. It may be necessary to remove a profile from the menu before creating or signing into an existing profile. The removed profile can be logged into at a later time.

Settings

Touch the Settings icon to display the Settings menu. See *Settings* ⇨ 48.

Apple CarPlay

Touch the Apple CarPlay icon to activate Apple CarPlay™ (if equipped) after a supported device is connected. See *Apple CarPlay and Android Auto* ⇨ 46.

Android Auto

Touch the Android Auto icon to activate Android Auto™ (if equipped) after a supported device is connected. See *Apple CarPlay and Android Auto* ⇨ 46.

Collection

If equipped, in-vehicle apps are available for download. Touch the Collection icon on the CUE Home Page to begin.

Downloading and using apps requires Internet connectivity and a data plan, which can be accessed through the vehicle’s built-in 4G LTE Wi-Fi® hotspot, if equipped, or a compatible mobile device hotspot. On most mobile devices, activation of the Wi-Fi hotspot is in the device’s Settings

menu under Mobile Network Sharing, Personal Hotspot, Mobile Hotspot, or similar.

Availability of apps and connectivity varies by vehicle, conditions, and location. Data plan rates apply. For more information, see my.cadillac.com/learn.

OnStar Services

If equipped, touch the OnStar Services icon to display the OnStar Services and Account pages. See “OnStar Overview” in the owner’s manual, *OnStar® System* ⇨ 30, and *OnStar System* ⇨ 19.

PDR

If equipped, touch the PDR icon to display the Performance Data Recorder main page. See “Performance Data Recorder (PDR)” in the owner’s manual.

Rear Climate

If equipped, touch the Rear Climate icon to display the Rear Climate main page. See “Rear Climate Control System” in the owner’s manual.

Camera

If equipped, touch the Camera icon to access the camera application. See “Assistance Systems for Parking or Backing” in the owner’s manual.

Shortcut Tray

The shortcut tray is at the bottom of the screen. It displays four applications.

Infotainment Display Icons

Infotainment display icons show on the screen when available. When a function is unavailable, the icon may gray out. When a function is selected, the icon may highlight.

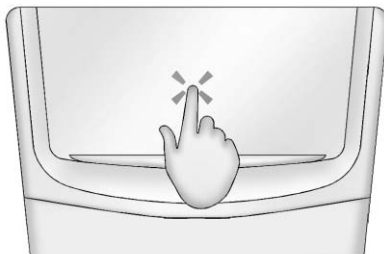
Haptic Feedback

Haptic feedback is a pulse that occurs when an icon is touched on the screen or when buttons below the screen are pressed.

Infotainment Gestures

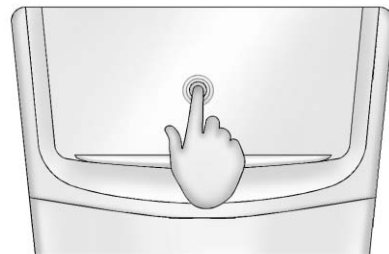
Use the following finger gestures to control the infotainment system.

Touch/Tap

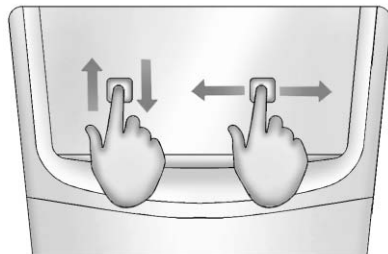


Touch/Tap is used to select an icon or option, activate an application, or change the location inside a map.

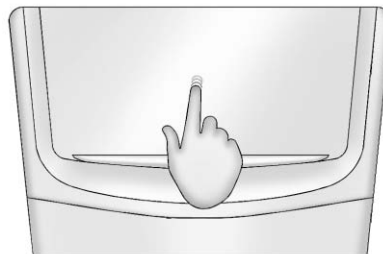
Touch and Hold



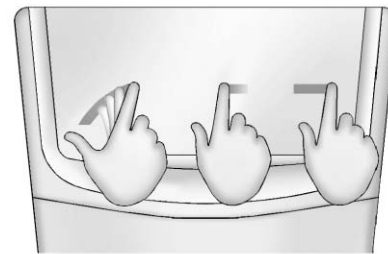
Touch and hold can be used to start another gesture, or to move or delete an application.

Drag

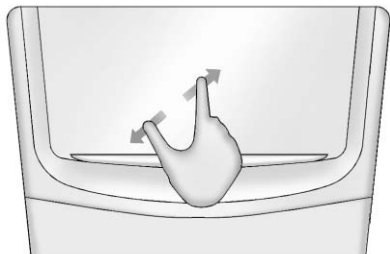
Drag is used to move applications on the Home Page, or to pan the map. To drag the item, it must be held and moved along the screen to the new location. This can be done up, down, right, or left.

Nudge

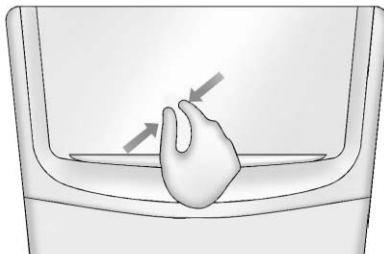
Nudge is used to move items a short distance on a list or a map. To nudge, hold and move the selected item up or down to a new location.

Fling or Swipe

Fling or swipe is used to scroll through a list, pan the map, or change page views. Do this by placing a finger on the screen then moving it rapidly up and down or right and left.

Spread

Spread is used to zoom in on a map. Place finger and thumb together on the screen, then move them apart.

Pinch

Pinch is used to zoom out on a map. Place finger and thumb apart on the screen, then move them together.

Cleaning High Gloss Surfaces and Vehicle Information and Radio Displays

For vehicles with high gloss surfaces or vehicle displays, use a microfiber cloth to wipe surfaces. Before wiping

the surface with the microfiber cloth, use a soft bristle brush to remove dirt that could scratch the surface. Then use the microfiber cloth by gently rubbing to clean. Never use window cleaners or solvents. Periodically hand wash the microfiber cloth separately, using mild soap. Do not use bleach or fabric softener. Rinse thoroughly and air dry before next use.

Software Updates**Over-the-Air Software Updates**

See “Updates” under *Settings* ⇨ 48 for details on software updates.

Radio

AM-FM Radio

Playing the Radio

From the Home page, touch the Audio icon to display the active audio source page. Choose from a list of the 3 most recently used sources listed at the left side of the screen. Choose More to display a list of available resources. Examples of available sources are AM, FM, SXM, MyMedia, SD, USB, AUX and Bluetooth.

Infotainment System Sound Menu

From any of the audio source main pages, touch Sound to display the following:

Equalizer : Touch to adjust Bass, Midrange, Treble, and Surround (if equipped) using  or .

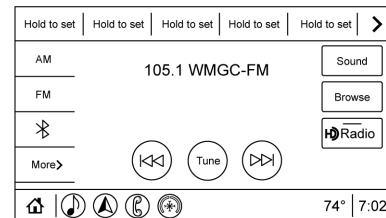
Fade/Balance : Touch to adjust using , ,  or by tapping/dragging the crosshair.

Sound Mode (If Equipped):

- Bose® Centerpoint® surround sound systems have four sound modes:
 - Normal: Adjusts the audio to provide the best sound for all seating positions.
 - Driver: Adjusts the audio to provide the best sound for the driver.
 - Rear: Adjusts the audio to provide the best sound for the rear seat occupants.
 - Centerpoint: Turns on Bose Centerpoint surround technology. This setting creates a surround sound listening experience from nearly any audio source: existing stereo, satellite radio, and MP3 players. For more information on Bose Centerpoint surround technology, visit www.boseautomotive.com.

Finding a Station

Seeking a Station

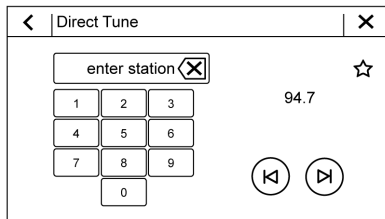


From the AM, FM, or SXM screen, touch  or  to search for the previous or next strong station.

Browsing Stations

From the AM, FM, or SXM screen, touch Browse to list all available stations. Navigate up and down through all stations by scrolling the list. Touch the station you want to listen to. Touch  to save the station as a favorite.

If equipped, touch Update Station List to update the active stations in your area.

Direct Tune

Access Direct Tune by touching the Tune screen icon on the AM, FM, or SXM screen to bring up the keypad. Navigate up and down through all frequencies using or . Directly enter a station using the keypad. When a new station is entered, the information about that station displays on the right side. This information will update with each new valid frequency tuned to.

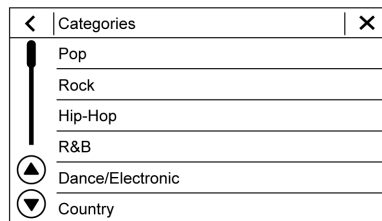
The keypad will gray out entries that do not contribute to a valid frequency and will automatically place a decimal point within the frequency number, as needed.

Touch (X) to delete one character at a time. Touch and hold (X) to delete all numbers.

A valid AM-FM station will automatically tune to the new frequency but not close the direct tune display. When listening to SXM, touch Go after entering the channel. Touch < or X screen buttons to exit.

The tune arrows on the right side of the direct tune display tune through the complete station list one station step at a time per touch. A touch and hold advances through stations quickly.

HD Radio multicast stations cannot be tuned directly through the direct tune feature. Only the analog or HD1 station can use that feature. Use or to adjust to the multicast stations.

AM-FM and SXM Categories

From the AM, FM, or SXM screen, touch Categories at the top of the Browse menu to access the categories list. The list contains names associated with the AM, FM or SXM channels. Touch a category name to display a list of channels for that category. Selecting a station from the list tunes the radio to that channel.

Storing Radio Station Favorites

Favorites are displayed in the area at the top of the screen.

AM, FM, SXM, and HD Radio

Stations : Touch and hold a favorite icon to save the current station as a favorite. Touch a favorite icon to recall a favorite station.

Favorites can also be saved by touching ☆ in a station or channel list. This will highlight indicating that it is now stored as a favorite.

The number of favorites displayed is automatically adjusted by default, but can be manually adjusted in Settings in the System tab under Favorites and then Set Number of Audio Favorites. Also in Settings in the Apps tab under Audio and then Set Number of Audio Favorites.

HD Radio Technology

If equipped, HD Radio™ Technology is a free service with features such as digital quality sound, more stations built onto the frequency such as HD2 and HD3, and on-screen information such as artist and song title.

From the AM or FM screen, touch “HD Radio” to turn HD Radio reception on or off.

Station Access

To access HD Radio stations:

1. Tune the radio to the station. If the station is broadcasting HD Radio Technology, the radio will automatically switch to digital audio, indicated with an HD logo if HD Radio reception is turned on.
2. Touch ⏮ or ⏭ to tune to the previous or next HD Radio station.

There may be a delay before the station starts playing.

The HD Radio station number is indicated next to the logo.

HD Radio stations can be saved as favorites.

For a list of all channels, see www.hdradio.com.

HD Radio Troubleshooting

Digital Audio Delay : Wait for the signal to process. This can take several seconds.

Volume Change, Audio Skip, Echo, Digital Audio Lost : Station signal strength may be weak or the station is out of range. Verify proper reception on another channel.

If the HD Radio signal loses reception while listening to HD1, the radio will go back to the standard version of the radio station.

If the HD Radio signal loses reception while listening to channels HD2 to HD8, the radio mutes until the signal can be recovered or until the station is changed.

HD Radio reception can be disabled if driving in a weak signal area. Touch HD Radio On/Off to toggle HD Radio reception on and off.

Satellite Radio

If equipped, vehicles with a valid SiriusXM satellite radio subscription can receive SXM programming.

SiriusXM satellite radio has a wide variety of programming and commercial-free music, coast to coast, and in digital-quality sound. In the

U.S. see www.siriusxm.com or call 888-601-6296. In Canada see www.siriusxm.ca or call 877-438-9677.

When SXM is active, the station name, number, song title, and artist display on the screen.

Radio Reception

Unplug electronic devices from the accessory power outlets if there is interference or static in the radio.

FM

FM signals only reach about 16 to 65 km (10 to 40 mi). Although the radio has a built-in electronic circuit that automatically works to reduce interference, some static can occur, especially around tall buildings or hills, causing the sound to fade in and out.

AM

The range for most AM stations is greater than for FM, especially at night. The longer range can cause station frequencies to interfere with each other. Static can also occur when things like storms and power lines

interfere with radio reception. When this happens, try reducing the treble on the radio.

SiriusXM Satellite Radio Service

If equipped, SiriusXM Satellite Radio Service provides digital radio reception. Tall buildings or hills can interfere with satellite radio signals, causing the sound to fade in and out. In addition, traveling or standing under heavy foliage, bridges, garages, or tunnels may cause loss of the SiriusXM signal for a period of time.

Mobile Device Usage

Mobile device usage, such as making or receiving calls, charging, or just having the mobile device on may cause static interference in the radio. Unplug the mobile device or turn it off if this happens.

Backglass Antenna

The AM-FM antenna is integrated with the rear window defogger in the rear window. Do not scratch the inside surface or damage the lines in the glass. If the inside surface is damaged, it could interfere with radio reception.

For proper radio reception, the antenna connector needs to be properly attached to the post on the glass.

If attaching a mobile device antenna to the glass, attach it between the grid lines.

Caution

Using a razor blade or sharp object to clear the inside rear window can damage the rear window antenna and/or the rear window defogger. Repairs would not be covered by the vehicle warranty. Do not clear the inside rear window with sharp objects.

Caution

Do not apply aftermarket glass tinting with metallic film. The metallic film in some tinting materials will interfere with or distort the incoming radio

(Continued)

Caution (Continued)

reception. Any damage caused to the backglass antenna due to metallic tinting materials will not be covered by the vehicle warranty.

Multi-Band Antenna

The roof antenna is for OnStar, SiriusXM Satellite Radio (U.S. and Canada only), GPS (Global Positioning System), and DSRC (Dedicated Short Range Communications). Keep clear of obstructions for clear reception. If the vehicle has a sunroof, and it is open, reception can also be affected.

Audio Players

Avoiding Untrusted Media Devices

When using media devices such as CDs, DVDs, Blu-ray Discs, SD cards, USB devices, and mobile devices, consider the source. Untrusted media devices could contain files that affect system operation or performance. Avoid use if the content or origin cannot be trusted.

USB Port

Audio stored on a USB device may be listened to.

This vehicle has two USB ports in the center console. These ports are for data and charging.

Playing from a USB

A USB mass storage device can be connected to the USB port.

Audio extensions supported by the USB are:

- FLAC
- MP3

- WMA
- AAC
- OGG
- 3GPP

Gracenote®

When plugging in a USB device, Gracenote service builds voice tags for music. Voice tags allow artists, albums with hard to pronounce names, and nicknames to be used to play music through voice recognition.

While indexing, infotainment features are available.

My Media Library

My Media is only available when more than one indexed device is connected. It allows access to content from all indexed media sources. My Media will show as an available source in the Source page.

USB MP3 Player and USB Drives

The USB MP3 players and USB drives connected must comply with the USB Mass Storage Class specification (USB MSC).

To play a USB device:

1. Connect the USB.
2. Touch Audio from the home page.
3. Touch More and select the USB device.

Use the following when playing an active USB source:

▷ : Touch to play the current media source.

|| : Touch to pause playback of the current media source.

⏮ :

- Touch to seek to the beginning of the current or previous track.
- Touch and hold to reverse quickly through playback. Release to return to playing speed. Elapsed time displays.

⏭ :

- Touch to seek to the next track.
- Touch and hold to advance quickly through playback. Release to return to playing speed. Elapsed time displays.

Shuffle : Touch the shuffle icon to play music in random order.

USB Sound Menu

See “Infotainment System Sound Menu” under *AM-FM Radio* ⇨ 9.

USB Browse Menu

When a list of songs, albums, artists, or other types of media display, the icons , , and A-Z appear on the left side. Select A-Z to view a screen that will show all letters of the alphabet and select the letter to go to.

Touch  or  to move the list up and down.

Touch Browse and the following may display:

Playlists:

Supported Playlist extensions are: m3u, pls, and wpl.

1. Touch to view the playlists stored on the USB.
2. Select a playlist to view the list of all songs in that playlist.
3. Select a song from the list to begin playback.

Artists:

1. Touch to view the list of artists stored on the USB.
2. Select an artist name to view a list of all albums by the artist.
3. To select a song, press All Songs or press an album and then select a song from the list.

Songs:

1. Touch to display a list of all songs on the USB.
2. To begin playback, select a song from the list.

Albums:

1. Touch to view the albums on the USB.
2. Select the album to view a list of all songs on the album.
3. Select a song from the list to begin playback.

Genres:

1. Touch to view the genres on the USB.
2. Select a genre to view a list of artists.

3. Select an artist to view albums by that artist.
4. Select an album to view songs on the album.
5. Select a song to start playback.

iTunes Radio: Touch to view iTunes Radio on the iPhone to get a list of stations.

Compilations: Touch to view the Compilations on the USB.

Composers:

1. Touch to view the composers on the USB.
2. Select a Composer to view a list of albums by that composer.
3. Select an album or all songs to view a list of songs.
4. Select a song from the list to begin playback.

Folders:

1. Touch to view the directories on the USB.
2. Select a folder to view a list of all files.

3. Select a file from the list to begin playback.

Podcasts: Touch to view the podcasts on the USB and get a list of podcast episodes.

Audiobooks:

1. Touch to view the audiobooks stored on the device.
2. Select an audiobook to get a list of chapters.
3. Select the chapter from the list to begin playback.

File System and Naming

File systems supported by the USB are:

- FAT32
- NTFS
- HFS+

The songs, artists, albums, and genres are taken from the file's song information and are only displayed if present. The radio displays the file name as the track name if the song information is not available.

Supported Apple® Devices

To view supported devices, see my.cadillac.com/learn.

Storing and Recalling Media Favorites

To store media favorites, touch Browse to display a list of media types.

Select from one of the following Browse options to save a favorite:

Playlists : Touch ☆ next to any playlist to store the playlist as a favorite. Touch a screen icon in the favorite area to recall a favorite playlist. The first song in the playlist begins to play.

Artists : Touch ☆ next to any artist to store the artist as a favorite. Touch a screen icon in the favorite area to recall a favorite artist. The first song in the artist list begins to play.

Songs : Touch ☆ next to any song to store the song as a favorite. Touch a screen icon in the favorite area to recall a favorite song.

Albums : Touch ☆ next to any album to store the album as a favorite. Touch a screen icon in the favorite area to recall a favorite album. The first song in the album list begins to play.

Genres : Touch ☆ next to any genre to store the genre as a favorite. Touch a screen icon in the favorite area to recall a favorite genre. The first song of the genre begins to play.

Podcasts : Touch ☆ next to any podcast to store the podcast as a favorite. Touch a screen icon in the favorite area to recall a favorite podcast . The podcast begins to play.

Audiobooks : Touch ☆ next to any audiobook to store the audiobook as a favorite. Touch a screen icon in the favorite area to recall a favorite audiobook. The first chapter in the audiobook begins to play.

Media Playback and Mute

USB playback will be paused if the system is muted. If the steering wheel mute control is pressed again, playback will resume.

If the source is changed while in mute, playback resumes and audio will unmute.

Auxiliary Jack

This vehicle has an auxiliary input jack in the center console under the armrest. Possible auxiliary audio sources include:

- Laptop computer
- Audio music player

This jack is not an audio output. Do not plug headphones into the auxiliary input jack. Set up an auxiliary device while the vehicle is in P (Park).

Connect a 3.5 mm (1/8 in) cable from the auxiliary device to the auxiliary input jack. When a device is connected, the system can play audio from the device over the vehicle speakers.

If an auxiliary device has already been connected, but a different source is currently active, touch More and select AUX to make the source active.

Shuffle and browse are not available in the AUX source menu.

Bluetooth Audio

Music may be played from a paired Bluetooth device. See *Bluetooth (Overview)* ⇨ 41 or *Bluetooth (Pairing and Using the Phone)* ⇨ 41 for help pairing a device.

Volume and song selection may be controlled by using the infotainment controls or the mobile device. If Bluetooth is selected and no volume is present, check the volume setting on both your mobile device and the infotainment system.

Music can be launched by touching Bluetooth from the recent sources list on the left of the screen or touch More and select the Bluetooth device.

To play music via Bluetooth:

1. Power on the device, and pair to connect the device.
2. Once paired, touch Audio from the Home Page, and touch Bluetooth.

Bluetooth Sound Menu

See “Infotainment System Sound Menu” under *AM-FM Radio* ⇨ 9.

Manage Bluetooth Devices

From the home page:

1. Touch Audio.
2. Touch More.
3. Touch Bluetooth.
4. Touch Devices to add or delete devices.

When selecting Bluetooth, the radio may not be able to launch the audio player on the connected device to start playing. When the vehicle is not moving, use the mobile device to begin playback.

All devices launch audio differently. When selecting Bluetooth as a source, the radio may show as paused on the screen. Press play on the device or touch  on the screen to begin playback.

Browse functionality will be provided where supported by the Bluetooth device. This media content will not be part of the MyMedia source mode.

Some smartphones support sending Bluetooth music information to display on the radio. When the radio receives this information, it will check to see if any is available and display it. For more information about supported Bluetooth features, see my.cadillac.com/learn.

OnStar System

OnStar 4G LTE



If equipped with OnStar 4G LTE, up to seven devices, such as smartphones, tablets, and laptops, can be connected to high-speed Internet through the vehicle's built-in Wi-Fi hotspot.

1-888-4-ONSTAR (1-888-466-7827) to connect to an OnStar Advisor for assistance. See www.onstar.com for vehicle availability, details, and system limitations. Service and connectivity may vary by make, model, year, carrier, availability, and conditions. 4G LTE service is available in select markets. 4G LTE performance is based on industry averages and vehicle systems design. Some services require a data plan.

The OnStar App

If equipped, the infotainment system has OnStar controls in the embedded OnStar app on the Home Page. All OnStar functions that can be performed with the infotainment display can be done using the app. To open the app, select the OnStar icon on the Home Page. Features vary by region and model.

Services

The Services tab displays the default view for the app. Use this page to launch the available OnStar services. Select a service to open its screen. Select Hands-Free Calling (HFC) to launch the phone app. Select Wi-Fi to launch the connections manager.

Account

The Account tab displays a snapshot of the account linked with the vehicle. If there is no such account, this tab will show all values as —.

Advisor Call

Selecting Advisor Call is the same as pressing  or calling 1-888-4-ONSTAR (1-888-466-7827).

The X icon in the upper right corner of the screen does not end the call, but returns to the previous screen.

Turn-by-Turn Directions

With an OnStar subscription to the Guidance Plan, an OnStar Advisor can download a destination to the vehicle or its embedded navigation system, if equipped. Select Turn-by-Turn Directions from the main page of the OnStar app and follow the display prompts. A destination transfer from OnStar will show the detail view of the destination when it is transferred from OnStar to the Navigation application. An ABS and Guidance or Navigation Add-On Plan is required. See www.onstar.com for a coverage map. Services vary by model. Map coverage is available in the United States, Puerto Rico, and Canada.

Wi-Fi Hotspot

Press to display the Settings page, which shows the configurations for the vehicle hotspot and allows them to be changed.

For more information, see www.onstar.com.

OnStar Smart Driver

OnStar Smart Driver provides information about driving behavior to help maximize overall vehicle performance, reduce wear and tear, and enhance fuel efficiency. An Insurance Discounts Eligibility feature is also offered within OnStar Smart Driver. See www.onstar.com for details regarding vehicle eligibility and system limitations.

OnStar, General Motors, and their affiliates are not insurance providers. Obtain insurance only from licensed insurance providers.

Teen Driver

See *Teen Driver* ⇨ 54.

Navigation

Using the Navigation System

Touch the NAV icon on the Home Page or the Nav icon in the shortcut tray at the bottom of the infotainment display to access the navigation application. The initial view when navigation opens is the full map view screen with the top search field bar open.

While the vehicle is stopped, the search bar will stay open until manually closed by touching . When the vehicle starts moving, the search bar will minimize to a search icon so that the map is maximized while in an inactive guidance view.

If the vehicle is not signed into a customized profile, the current location icon uses a generic symbol. Once signed into a customized profile, the current location symbol will show a customized icon. See *Navigation Symbols* ⇨ 23.

While the vehicle is running without a route, a drive To Home and To Work pop-up will display on top of the current location icon. The drive To Home and To Work icon will disappear after 15 seconds or tap the current location icon and click the drive To Home pop-up to start a route.

If Home and Work are not set, touch  (Settings) icon on the map to access the Map and Navigation Settings menu. Touch the Set Up My Places option to display Show My Places on Map. This option can be changed to either  enable or  disable. If this option is enabled, enter a Home address. Below the Home address, enter a keyword or address for the Work information. Touch Done when finished.

Predictive Navigation

Predictive Navigation is a feature that will display an Enable Predictive Navigation prompt the first time navigation is launched. Touch to Confirm or Decline. If enabled, this feature learns the preferences by remembering where the vehicle has

been. It uses the locations and navigation history to personalize routes and results. The feature is disabled by default.

Predictive navigation will learn elements such as:

- Home and important address detection.
- Personalized route.
- Smart POI icon display.
- Predictive traffic.

Predictive Navigation can also be enabled or disabled in *Settings* ⇨ 48.

Navigation Preferences

Touch  while in the map view to display a list of the Map and Navigation Settings menu.

Features displayed in the Map and Navigation Settings menu can be selected to adjust navigation preferences.

To exit out of a list, touch  in the top right corner to return to the main map view.

It is advised to set up preferences before setting a destination.

Additional navigation preferences that will display are:

- Routing Options
- Set Up My Places
- Map Colors
- History
- About

Routing Options

Touch to access the Route Option preferences. The choices are:

- Route Type – This feature has two selections to choose from when starting navigation. The choices are Fastest or Eco-Friendly.
- Avoid on Route – This feature allows setting preferred ways of driving along the route by avoiding special characteristics such as:
 - Highways
 - Unpaved Roads
 - Ferries
 - Carpool Lanes

- Toll Roads
- Tunnels
- Country Borders
- Auto-Reroute to Avoid Traffic – This feature allows the system to automatically avoid traffic. Touch to disable any rerouting.

The options can be changed either to ☐ enable or to ☐ disable.

Set Up My Places

Touch to manage the Home and Work settings. Options for Set Up My Places are:

- Show My Places on Map – Touch to enable or disable from showing the estimated time to Home and Work.

The options can be changed either to ☐ enable or to ☐ disable.
- Home – Enter the address information into the system for Home.
- Work – Enter the address or keyword information into the system for Work or any other frequently used destination.

Map Colors

- Auto
 - Select Auto to automatically change modes based on lighting conditions.
- Day (Light)
- Night (Dark)

History

Touch History to access the History options. These options are:

- Clear Recent Destinations — Touch ☐ to clear the recent destinations.
- Clear Search History — Touch ☐ to clear the search history.

About

Touch to display software information, such as:

- Terms and Conditions
- Privacy Statement
- Navigation Version

Maps

The map database is stored on an SD card that is inserted into an SD port connected to the Infotainment system. If an error message for SD card missing is displayed, the infotainment system will not have the map database available for the navigation app to work.

Navigation Symbols

Following are the most common symbols that appear on a map screen.



The symbol indicates the current position and heading direction of the vehicle on the map.

The current location icon uses a generic avatar while guidance is non-active.

or



Once a profile is created and guidance is active, an avatar that can be customized will show to indicate the current position and heading direction of the vehicle on the map.



The destination pin marks the final destination after a route has been planned. If touched, the address bubble along with the Favorite icon will appear. Touch the left side of the bubble to go to the details page or touch the right favorite icon within the bubble to toggle between “Save to Favorites” or “Remove from Favorites.” The bubble will time out if not used. Touch the destination pin again to hide it.

The waypoint symbol is the same type of symbol that marks one or more set waypoints and is indicated by a number within the pin icon.

A waypoint is a stopover destination point added to the planned route.

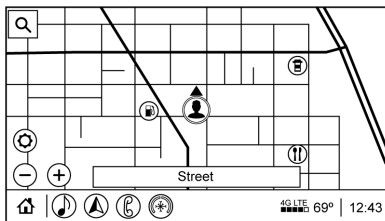


An overview of the route displays on a bar. This bar indicates progress along the route and any traffic that is present. Tap on the route bar to zoom out on the map and view the entire route. Tap the bar again to return the map view to the previous view. The duration of the destination will display if the estimated time of arrival (ETA) is touched.

The Traffic Indicator displays the trip showing traffic by color and any icons incidents along the route. As the route proceeds, the vehicle icon moves up the screen along the bar visually, indicating vehicle progression.

Destination

Touch Nav on the Home Page to access the map view.



Touch the search icon from the map view to access the search menu.

Receiving Destination Directions from Different Sources

Destinations can be received or transferred from different sources for the system's navigation apps to use for route guidance.

Some of these sources are:

- Navigation from search results.
- OnStar Advisor destination download.
- An address from the Contacts list.

- An application on the smartphone such as “myCadillac” that can send destinations to the vehicle.
- An application downloaded to the vehicle such as OnStar AtYourService that can send destinations to the navigation system.

Waypoints

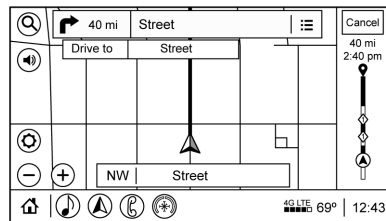
Up to five waypoints can be added to a route. Touch GO to add a POI as a waypoint or set it as a new destination to replace the current destination. Route options are not available for waypoints.

A pop-up menu displays with the options to do the following:

- **X** – Return to the previous screen.
- Add to Trip – Add the destination along the route.
- Make New Destination – Replace the current destination with the POI as a new destination.

Arriving at a Waypoint

When approaching a waypoint stop, the system will display a Destination Arrival View. When the vehicle arrives at the destination, if the vehicle keeps moving, the navigation view will be kept with the next waypoint or destination guidance. A pop-up will appear, showing Drive to <next destination>.



If the vehicle comes within one mile of the waypoint and then passes the waypoint or gets out of the current route, the system will automatically reroute back to this waypoint. At the same time, it will show a Drive to icon along with the next waypoint address so the current waypoint can be skipped and guidance can resume to the next waypoint or destination.

Editing a Waypoint

When a waypoint is added during active guidance, the system allows a waypoint to be deleted or to be moved into different order.

To edit a waypoint:

1. Touch the list icon on the upper right side of the infotainment display to reveal the Route List.
2. Touch the Edit option.
3. Touch Destinations to switch to the destinations screen.
 - Touch ▲ or ▼ to move the waypoint order up or down the list. Touch
 - Touch the trash icon to delete the waypoint. A pop-up will display asking for confirmation. Once the request is confirmed, the system will remove the address from the destinations list. Touch the ✕ on the top right corner so the system can recalculate the route.

If there is only one address in the destinations list, the system will disable the move and delete functions. The system will not allow the final designation be deleted.

Detailed Areas

Road network attributes are contained in the map database for detailed areas. Attributes include information such as street names, street addresses, and turn restrictions. A detailed area includes all major highways, service roads, and residential roads. The detailed areas include Places of Interest (POIs) such as restaurants, airports, banks, hospitals, police stations, gas stations, tourist attractions, and historical monuments. The map database may not include data for newly constructed areas or map database corrections that are completed after production. The navigation system provides full route guidance in the detailed map areas.

Zoom Control

The zoom control display is shown on the map view. A few ways to zoom in or out are:

- Touch + or – to zoom in or out on the map.
- Double tap with one finger to zoom in or single tap with two fingers to zoom out on the map.
- Use the index finger and thumb to zoom out by pinching and then zoom in by spreading those two fingers on the map.

Map Gestures and Map Scale

There are map gestures that can be used to make controlling the map easier. Some of these are:

- Pinch to zoom in or out.
- One finger double tap for zoom in and two finger double tap for zoom out.
- Panning Map.
- Two finger tilt down for changing from 2D to 3D and tilting up to change back.
- Map rotating.

See *Using the System* ⇨ 4 earlier in this section.

Mute

When under Active Guidance, the audio prompts for navigation can be muted. Touch the speaker icon on the left side of the map. A circled slash will surround the speaker to indicate voice guidance is muted.

Route Guidance View

When a destination is chosen and navigation session is active, the navigation system enters into a Route Guidance View.

North Up Route View

When under Active Guidance, the entire route can be viewed in 2D North Up by touching on the traffic bar area. The map will zoom out and readjust to display the full route. When in 2D North Up Route View, the Reset Position icon will appear on the left side screen area. Touch either the Reset Position icon or touch the traffic bar again to return to the previous view (2D or 3D).

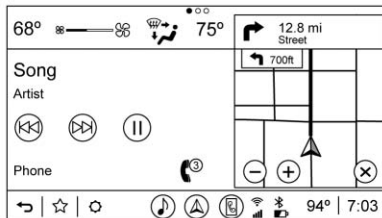
Lane Guidance

Depending on lane information, when approaching a maneuver, the map view may show the next maneuver with the road lane information under the next turn maneuver.

Junction View

When a vehicle is on the highway and approaching the exit, an image displays the lane in which the vehicle must stay to complete the next maneuver.

Quick-Turn View



When the vehicle is approaching a turn with the next following in quick succession, a quick-turn menu shows below the primary turn menu. An audio prompt will announce the quick turn.

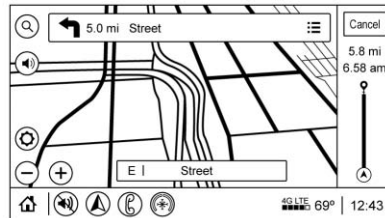
Auto-Zoom

When approaching a maneuver, the map will automatically zoom in to show both the vehicle icon and the upcoming maneuver to give a better view of the maneuver. Once the maneuver is complete, the system will zoom back to the previous zoom level.

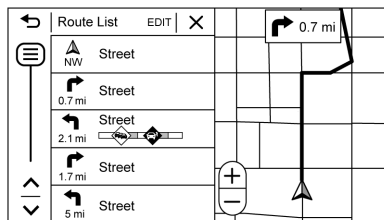
Touch  on the map to access Auto Zoom. This feature can be enabled or disabled.

If the vehicle has been stopped or turned off during route guidance, the route guidance will auto-resume.

Route List



Touch the menu option next to the next turn street name to display the Route List.



The Route List displays the turns and instructions from the current point to the end of the route guidance.

If there is traffic along a route segment, a horizontal bar indicator with incident icons display.

Editing Route List

The route list can be edited by choosing Edit, which expands the list to fill the full screen and enters the Edit Mode. While in Edit Mode, an unwanted route segment can be removed from the route by touching  next to the segment. A pop-up confirmation appears to confirm segment removal.

When the segment of route has been removed, that segment and all segments after are replaced by an Activity Indicator while the new route

is re-calculated. When the recalculation is complete, the Activity Indicator is replaced with the new route segments.

Highway Exit Lists

The exit list is opened by touching . This icon displays next to the current street name at the bottom of the screen. The icon only appears when on a highway with defined exits.

While traveling on roads with designated exits, an Exit list may be available. The Exit list displays the exit number, distance to exit from the current vehicle position, and convenience stops that may be available, such as gas, coffee, restaurant, and lodging.

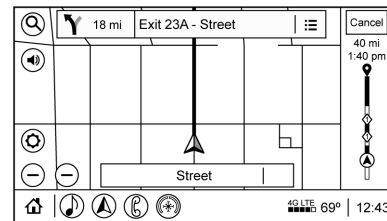
Traffic Information

Traffic Indicator

The Traffic Indicator displays traffic conditions within the route. The total traffic information will display a maximum of 60 miles ahead of the vehicle. The color-coded traffic bar is based on the traffic condition, yellow and red. The vehicle is moving from

the bottom to the top destination. A traffic icon will show when there is traffic.

Next Maneuver Menu



When in Route Guidance, the Next Maneuver Turn Arrow, Street Name, and Maneuver Distance are displayed in the Next Maneuver menu at the top of the screen overlaying the map. ETA, Distance to Destination, and Traffic Indicator are displayed in a panel pinned to the right of the screen.

Navigation Next Turn Maneuver Alert

If not in the navigation application when a near maneuver prompt is given, it is shown as an alert. Touch the alert to go to the main navigation view or touch **X** to dismiss the alert.

Repeat Voice Guidance



This symbol indicates the next guidance maneuver. Touch it to repeat the last spoken guidance instruction.

Adaptive Routing Alert

During active guidance, the system will continue looking for a better route than the one that was initially calculated by the system.

When a Better Route is Available

A better route is an improved ETA to avoid current traffic congestion or road closures around the vehicle's position.

If a route is found, the system will automatically reroute the driver to the better route if the settings are set to Auto Reroute or offered the option to decide.

When No Better Route is Available

During active guidance, if the system determines that there is an incident ahead but there is not better route, the system will play a tone and show a Quick Notice. This will only show once per incident.

Incident Reports

Incident report icons, along with traffic flow data, displays on the map during both active and inactive guidance.

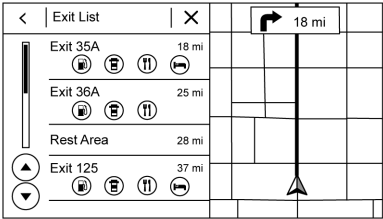
End Route

Touch Cancel at the top-right corner to end Active Guidance and return to inactive guidance. If the active guidance is cancelled before the destination has been reached, a pop-up option to Resume Trip will appear.

Resume Trip

The trip can be resumed if it was cancelled by selecting the Resume Trip pop-up option.

If the system has determined that the destination has been reached, either because the arrival view displayed or the destination has been passed, the Resume Trip option will not appear.



Touch on a convenience icon such as food or fuel to display a list of only those POIs near that exit. Not all POIs will show.

Favorites

The navigation favorites can have contacts, addresses, or POIs that have been saved through the favorite icon on the Detail map view.

Accessing Favorites

To manage favorites, touch Settings from the Home Page to access the Setting main page. Touch the System

tab. Scroll down to Favorites and touch to access the Manage Favorites option.

While in the Nav app, touch ☆ next to the search bar near the top of the screen. After selecting the search option, select ☆ to view the saved favorites.

Saving Favorites

Favorites can be added from a number of the system's applications. While in Detail map view, touch ☆ /Favorite to save content for navigation as a favorite.

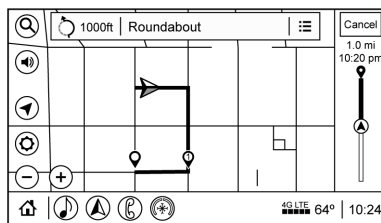
Renaming Navigation Favorites

1. Touch Settings on the Home Page and select the System tab.
2. Touch Favorites on the infotainment display to access the Manage Favorites option.
3. Touch a saved Navigation favorite to access the pencil icon. Touch the pencil icon to rename the favorite.
4. Touch Save to store the renamed favorite.

Recents

Touch ⌚ to access a list of recent destinations.

Reset Position Icon

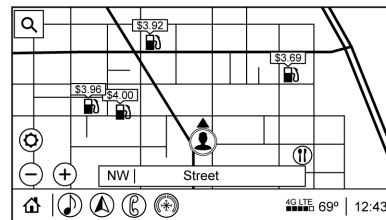


Touch the Reset Position arrow on the left side of the map view to reset the map back to the current location.

Show POI Icons

There are two rows of POI categories that can be displayed. These POI categories are stored under ⚙️ on the map. While in the Navigation settings application, up to eight categories of icons can be selected.

Smart POI Icons on Map



The smart POI icons such as fuel stations and parking are programmed to appear in context to the situation based on time, location, driver search behavior, driving conditions, and vehicle conditions.

If the vehicle is running low on fuel, fuel station icons would appear, showing real-time prices.

Touching an icon on the map opens the corresponding Detail view for that icon.

Smart Fuel Station Icons

Fuel station prices are shown for regular unleaded fuel for nearby stations when the vehicle is low on fuel.

Smart Parking Icons

When reaching a densely populated destination and the system determines that parking may be limited, the infotainment system will attempt to display nearby parking destinations with pricing information, if available.

Report an Issue Using POI Details

In the POI details page a POI issue can be reported if the data is not accurate or something is wrong with the address. Touch the Report an Issue option at the bottom of the screen to access the issue selection page. Touch one of the predefined issues on the selection page, then touch send. The system will send the information for analysis.

Search

Search opens up the search screen with search field entry box, quick category icon shortcuts, the recents and favorites icon, and the keyboard.

Auto Complete

Enter a partial location in the entry field box on the search display. Auto complete will attempt to complete the destination based on what is being entered, select the suggested item to search.

Search While in Motion with No Front Seat Passenger Present

The search screen will not allow changes or input of text through the keyboard when the vehicle is in motion. Because of this, a screen displaying three rows of icons of the most commonly used categories is shown. Touching the search box will activate speech recognition.

Search While in Motion with Front-Seat Passenger Present

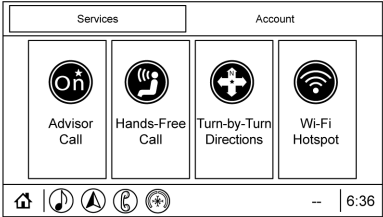
If the system detects that the front-seat passenger is present with both driver and passenger seat belts buckled, touching the search icon will display an alert message that allows the passenger to use the search display screen as if the vehicle was stopped.

NavConnect Subscription

NavConnect is a subscription service that enables certain capabilities within the navigation system, such as map updates, Traffic, Smart Search/ Routing and Predictive Navigation capabilities. The system will show an alert the subscription is expiring and will ask to renew the plan.

OnStar[®] System

With an OnStar subscription to the Guidance Plan, an OnStar Advisor can download a destination to the vehicle or into the built-in navigation system.



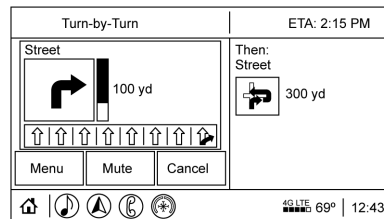
Touch OnStar on the Home Page to access the OnStar menu. Touch the Turn-by-Turn icon while on the OnStar menu.

Turn-by-Turn Navigation



Touch the Turn-by-Turn Directions feature to select between Favorites and Recent Destinations. New locations can be found by selecting Address voice search, POI voice search, Home, or Advisor.

Lane Guidance



When available, the system will show the proper lane(s) that would be the best position to be in for the next maneuver.

Cancel a Route

If a route is in progress using either the vehicle navigation system or the OnStar Turn-by-Turn route, and a new route is requested, the current route in progress will be canceled.

Global Positioning System (GPS)

The position of the vehicle is determined by using satellite signals, various vehicle signals, and map data.

At times, other interference such as the satellite condition, road configuration, condition of the vehicle, and/or other circumstances can affect the navigation system's ability to determine the accurate position of the vehicle.

The GPS shows the current position of the vehicle using signals sent by GPS satellites. When the vehicle is not receiving signals from the satellites, a symbol appears in the status bar.

This system might not be available or interference can occur if any of the following are true:

- Signals are obstructed by tall buildings, trees, large trucks, or a tunnel.
- Satellites are being repaired or improved.

For more information if the GPS is not functioning properly, see *Problems with Route Guidance* ⇨ 32 and *If the System Needs Service* ⇨ 33.

Vehicle Positioning

At times, the position of the vehicle on the map could be inaccurate due to one or more of the following reasons:

- The road system has changed.
- The vehicle is driving on slippery road surfaces such as sand, gravel, or snow.
- The vehicle is traveling on winding roads or long, straight roads.
- The vehicle is approaching a tall building or a large vehicle.

- The surface streets run parallel to a freeway.
- The vehicle has been transferred by a vehicle carrier or a ferry.
- The current position calibration is set incorrectly.
- The vehicle is traveling at high speed.
- The vehicle changes directions more than once, or the vehicle is turning on a turn table in a parking lot.
- The vehicle is entering and/or exiting a parking lot, garage, or a lot with a roof.
- The GPS signal is not received.
- A roof carrier is installed on the vehicle.
- Tire chains have been installed.
- The tires are replaced or worn.
- The tire pressure for the tires is incorrect.
- This is the first navigation use after the map data is updated.

- The 12-volt battery has been disconnected for several days.
- The vehicle is driving in heavy traffic where driving is at low speeds, and the vehicle is stopped and started repeatedly.

Problems with Route Guidance

Inappropriate route guidance can occur under one or more of the following conditions:

- The turn was not made on the road indicated.
- Route guidance might not be available when using automatic rerouting for the next right or left turn.
- The route might not be changed when using automatic rerouting.
- There is no route guidance when turning at an intersection.
- Plural names of places might be announced occasionally.
- It could take a long time to operate automatic rerouting during high-speed driving.

- Automatic rerouting might display a route returning to the set waypoint if heading for a destination without passing through a set waypoint.
- The route prohibits the entry of a vehicle due to a regulation by time or season or any other regulation which may be given.
- Some routes might not be searched.
- The route to the destination might not be shown if there are new roads, if roads have recently changed, or if certain roads are not listed in the map data. See *Maps* ⇨ 23.

To recalibrate the vehicle's position on the map, park with the vehicle running for two to five minutes, until the vehicle position updates. Make sure the vehicle is parked in a location that is safe and has a clear view of the sky and away from large obstructions.

If the System Needs Service

If the navigation system needs service and the steps listed here have been followed but there are still problems, see *Problems with Route Guidance* ⇨ 32.

Map Data Updates

The map data in the vehicle is the most up-to-date information available when the vehicle was produced. The map data is updated periodically, provided that the map information has changed.

For questions about the operation of the navigation system or the update process, contact the GM Nav Disc Center toll-free phone number, 1-877-NAV-DISC (1-877-628-3472) or go to the center's website, www.gmnavdisc.com. If updates are needed, call the GM Nav Disc Center or order online.

Database Coverage Explanations

Coverage areas vary with respect to the level of map detail available for any given area. Some areas feature greater levels of detail than others. If this happens, it does not mean there is a problem with the system. As the map data is updated, more detail can become available for areas that previously had limited detail. See *Map Data Updates* ⇨ 33.

Voice Recognition

Voice recognition allows for hands-free operation within the navigation, audio, and mobile device applications. This feature can be started by pressing  on the steering wheel or  on the infotainment display with the navigation application.

However, not all features within these areas are supported by voice commands. Generally, only complex tasks that require multiple manual interactions to complete are supported by voice commands.

For example, tasks that take more than one or a two icon touch such as selecting a song or artist to play from a media device would be supported by voice commands. Other tasks, like adjusting the volume or seeking up or down, are audio features that are easily performed by touching one or two buttons, and are not supported by voice commands.

In general there are flexible ways to speak commands for completing the tasks.

If your language supports it, try stating a One Shot command, such as “Directions to address one two three Main Street, Lansing Michigan.” Do not include the zip code while stating the address during the command. This type of destination entry command is supported in some languages. Another example of a One Shot Destination Entry command is, “Directions to place of interest at <hotel>.” If these commands do not work, try saying, “Take me to Place of Interest” or “Find address” and the system will walk you through by asking additional questions.

Using Voice Recognition

Voice recognition becomes available once the system has been initialized. This begins when the ignition is turned on. Initialization may take a few moments.

1. Press  on the steering wheel controls to activate voice recognition.
2. The audio system mutes and the system plays a prompt followed by a beep.

3. Wait until after the beep completes, then clearly speak one of the commands described in this section.

A voice recognition system prompt can be interrupted while it is playing by pressing  again.

For example, if the prompt seems to be taking too long to finish, to speak the command without waiting for the prompt to complete, press  again and wait for the beep.

Once voice recognition is started, both the infotainment and instrument cluster displays the selections and visual dialog content. These displays can be turned On or Off in the Tutorial Mode under *Settings* ⇨ 48.

There are three voice prompt modes supported:

- Informative verbal prompts: This type of prompt will provide more information regarding the supported actions.

- **Short prompts:** This type of prompt will provide simple instructions about what can be stated.
- **Auto Informative prompts:** This type of prompt plays during the first few speech sessions, then automatically switches to the short prompt after some experience has been reached through using the system.

If a command is not spoken, the voice recognition system says a help prompt.

Prompts and Infotainment Displays

While a voice recognition session is active, there may be corresponding options showing on the displays. A selection can be made by manually selecting the item, or by speaking the line number for the item to select. Manual interaction in the voice recognition session is permitted. Interaction during a voice session may be completed entirely using voice commands while some manual commands may expedite a task. If a selection is made using a manual control, the voice recognition dialog

will progress in the same way as if the selection was made using a voice command. Once the system is able to complete the task, or the session is terminated, the voice recognition dialog stops.

An example of this type of manual intervention is touching on an entry of a displayed number list instead of speaking the number associated with the entry desired.

Canceling Voice Recognition

- Touch or say “Cancel” or “Exit” to terminate the voice recognition session and display the screen from which voice recognition was initiated.
- Press  on the steering wheel controls to terminate the voice session and display the screen from which voice recognition was initiated.

Natural Language Commands

Most languages do not support natural language commands in sentence form. For those languages, use direct commands like the examples shown on the display.

Helpful Hints for Speaking Commands

Voice recognition can understand commands that are either naturally stated in sentence form or direct commands that state the application and the task.

For best results:

- Listen for the prompt and wait for the beep before saying a command or reply.
- Say “Help” or look at the infotainment display for example commands.
- Speak the command naturally, not too fast, not too slow.
- Use direct commands without a lot of extra words. For example, “Call Dave Smith at work,” “Play”

followed by the artist or song name, or “Tune” followed by the radio station number.

- Navigation destinations can be made in a single command using keywords. A few examples are: “I want directions to an address,” “I need to find a place of interest or (POI),” or “Find contact.”

The system responds with requesting more details. After saying “Place of Interest,” only major chains are available by name. Chains are businesses with at least 20 locations. For other POIs, say the name of a category like “Restaurants,” “Shopping Malls,” or “Hospitals.”

- Navigating to a destination outside of the current country takes more than one command. The first command is to tell the system where the navigation will take place, such as an Address, Intersection, POI, or Contact. If Address or Intersection is selected, the second command is to say, “Change Country.” Once the

system responds, say the country before saying the rest of the address and/or intersection.

If POI is asked for, say “Change Location,” then “Change Country.”

Direct commands might be more clearly understood by the system. An example of a direct command would be “Call 555-1212.” Examples of these direct commands are displayed on most of the screens while a voice session is active. If “Phone” or “Phone Commands,” is spoken, the system understands that a phone call is requested and will respond with questions until enough details are gathered to make a call.

If a cell phone number has been saved with a name and a place, the direct command should include both, for example “Call Dave Smith at work.”

Using Voice Recognition for List Options

When a list is displayed, a voice prompt will ask to confirm or select an option from that list.

When a screen contains a list, there may be options that are available but not displayed. The list on a voice recognition screen functions the same as a list on other screens. Scrolling or flinging can be used to help display other entries from the list.

Manually scrolling or paging the list on a screen during a voice recognition session suspends the current voice recognition event and plays the prompt “Please select manually or press the back button try again.”

If manual selection takes more than 15 seconds, the session terminates and prompts that it has timed out. The screen returns back to the screen where voice recognition was initiated.

The Back Command

Say “Back” or touch  to go to the previous screen.

If in voice recognition, and “Back” is spoken all the way back to the starting screen, and then “Back” is spoken one more time, the voice recognition session will cancel.

Help

Say “Help” on any voice recognition screen and the help prompt for the screen is played. Additionally, a pop-up may display a text version of the help prompt. If available, the text version of the help prompt will display on both the infotainment display and instrument cluster.

Touching  while the help prompt is playing will terminate the prompt and a beep will be heard. Doing this will stop the help prompt so that a voice command can be used.

Voice Recognition for the Radio

If browsing the audio sources when voice is selected, the voice recognition commands for AM, FM, and SiriusXM (if equipped) are available.

“Switch to AM” : Switch bands to AM and tune to the last AM radio station.

“Switch to FM” : Switch bands to FM and tune to the last FM radio station.

“Switch to SXM” : Switch bands to SiriusXM and tune to the last SiriusXM channel.

“Tune to <AM frequency> AM” :

Tune to the radio station whose frequency is identified in the command (like “nine fifty”).

“Tune to <FM frequency> FM” :

Tune to the radio station whose frequency is identified in the command (like “one oh one point one”).

“Tune to <AM frequency> AM HD” :

Tune to the HD Radio station whose frequency is identified in the command.

“Tune to <FM frequency> FM HD” :

Tune to the HD Radio station whose frequency is identified in the command.

“Tune to <FM frequency> FM HD

<HD channel number>” : Tune to the HD Radio station whose frequency and HD channel is identified in the command.

“Tune to SXM <SXM channel

number>” : Tune to the SiriusXM radio station whose channel number is identified in the command.

“Tune to SXM <SXM channel

name>” : Tune to the SiriusXM radio station whose channel name is identified in the command.

Voice Recognition for Audio My Media

The available voice recognition commands for [browsing] My Media are:

“Play Artist” : Begin a dialog to enter a specific artist name.

“Play Artist <artist name>” : Begin playback of a specific artist.

“Play Album” : Begin a dialog to enter a specific album name.

“Play Album <album name>” : Begin playback of a specific album.

“Play Song” : Begin a dialog to enter a specific song name.

“Play Song <song name>” : Begin playback of a specific song, if available.

“Play Genre” : Begin a dialog to enter a specific genre.

“Play Genre <genre name>” : Begin playback of a specific genre.

“Play Playlist” : Begin a dialog to enter a specific playlist name.

“Play Playlist <playlist name>” : Begin playback of a specific playlist.

“Play <device name>” : Play music from a specific device identified by name. The device name is the name displayed on the screen when the device is first selected as an audio source.

“Play Chapter” : Begin a dialog to enter a specific name.

“Play Chapter <chapter name>” : Begin playback of a specific chapter.

“Play Audiobook” : Begin a dialog to enter a specific audiobook.

“Play Audiobook <audiobook name>” : Begin playback of a specific audiobook.

“Play Episode” : Begin a dialog to enter a specific name.

“Play Episode <episode name>” : Begin playback of a specific episode.

“Play Podcast” : Begin a dialog to enter a specific podcast.

“Play Podcast <podcast name>” : Begin playback of a specific podcast.

“Play Video” : Begin a dialog to enter a specific name.

“Play Video <video name>” : Begin playback of a specific video.

“My Media” : Begin a dialog to enter the desired media content.

Handling Large Amounts of Media Content

It is expected that large amounts of media content will be brought into the vehicle. It may be necessary to handle large amounts of media content in a different way than smaller amounts of media. The system may limit the options of voice recognition by not allowing selection of files by voice at the highest level if the number of files exceed the maximum limit.

Changes to voice commands due to media content limits are:

- Files including other individual files of all media types such as songs, audiobook chapters, podcast episodes, and videos.

- Album type folders including types such as albums and audiobooks.

There are no restrictions if the number of files and albums is less than 12,000. When the number of files connected to the system is between 12,000 and 24,000, the content cannot be accessed directly with one command like “Play <song name>.”

The restriction is that the command “Play Song” must be spoken first; the system will then ask for the song name. The reply command would be to say the name of the song to play.

Similar limits exist for album content. If there are more than 12,000 albums, but less than 24,000, the content cannot be accessed directly with one command like, “Play <album name>.” The command “Play Album” must first be spoken; the system will then ask for the album name. The reply would be to say the name of the album to play.

Once the number of files has exceeded approximately 24,000, there is no support for accessing the songs directly through voice commands.

There will still be access to the media content by using commands for playlists, artists, and genres.

The access commands for playlists, artists, and genres are prohibited after the number of this type of media exceeds 12,000.

The system will provide feedback the first time voice recognition is initiated if it has become apparent that any of these limits are reached during a device initializing process.

Voice recognition performance will degrade to some extent based on many factors when adding large amounts of data to recognize. If this is the case, perhaps accessing songs through playlists or artist name would work better.

Voice Recognition for Navigation

“Navigation” : Begin a dialog to enter specific destination information.

“Navigation Commands” : Begin a dialog to enter specific destination information.

“Address” : Begin a dialog to enter a specific destination address, which includes the entire address consisting of the house number, street name, and city and state. Do not include the zip code.

“Place of Interest” : Begin a dialog to enter a destination Place of Interest category or major brand name.

The name must be precisely spoken. Nicknames or short names for the businesses will not likely be found. Lesser known businesses might have to be located by category, such as fast food, hotels, or banks.

“Navigate to Contact” : Begin a dialog to enter a specific destination contact name.

“Cancel Route” : End route guidance.

“Take me home” : Create a route to a stored home location.

Voice Recognition for the Phone

“Call <contact name>” : Initiate a call to a stored contact. The command may include location if the contact has location numbers stored.

“Call <contact> At Home,” “At Work,” “On Mobile,” or “On Other” : Initiate a call to a stored contact and location at home, at work, on mobile device, or on another phone.

“Call <cell phone number>” : Initiate a call to a standard phone number seven or 10 digits in length, and also 911, 411, or 611.

“Pair Phone” : Begin the Bluetooth pairing process. Follow instructions on the radio display.

“Redial” : Initiate a call to the last dialed number.

“Switch Phone” : Select a different connected cell phone for outgoing calls.

“Voice Keypad” : Begin a dialog to enter special numbers like international numbers. The numbers can be entered in groups of digits with each group of digits being repeated back by the system. If the group of digits is not correct, the command “Delete” will remove the last group of digits and allow them to be re-entered.

Once the entire number has been entered, the command “Call” will start dialing the number.

Bluetooth Speech Recognition

Bluetooth Speech Recognition/Siri Eyes Free allows access to voice based text messages, calendar, and audio sources.” Press and hold  on the steering wheel controls for longer than a second to access.

Phone

Bluetooth (Overview)

The Bluetooth-capable system can interact with many mobile devices, allowing:

- Placement and receipt of calls in a hands-free mode.
- Sharing of the device's address book or contact list with the vehicle.

To minimize driver distraction, before driving, and with the vehicle parked:

- Become familiar with the features of the mobile device. Organize the phone book and contact lists clearly and delete duplicate or rarely used entries. If possible, program speed dial or other shortcuts.
- Review the controls and operation of the infotainment system.
- Pair mobile device(s) to the vehicle. The system may not work with all mobile devices. See "Pairing" later in this section.

Vehicles with a Bluetooth system can use a Bluetooth-capable mobile device with a Hands-Free Profile to make and receive phone calls. The infotainment system and voice recognition are used to control the system. The system can be used while in ON/RUN or ACC/ACCESSORY. The range of the Bluetooth system can be up to 9.1 m (30 ft). Not all mobile devices support all functions and not all mobile devices work with the Bluetooth system. See www.my.cadillac.com for more information about compatible mobile devices.

Controls

Use the controls on the center stack and the steering wheel to operate the Bluetooth system.

Steering Wheel Controls

 : Press to answer incoming calls. Hold to start voice recognition on your connected Bluetooth mobile device.

 : Press to end a call, decline a call, or cancel an operation. Press to mute or unmute the infotainment system when not on a call.

Infotainment System Controls

For information about how to navigate the menu system using the infotainment controls, see *Introduction* ⇨ 2.

Audio System

When using the Bluetooth mobile device system, sound comes through the vehicle's front audio system speakers and overrides the audio system. The volume level while on a mobile device call can be adjusted by pressing the steering wheel controls or touching the volume control on the center stack. The adjusted volume level remains in memory for later calls. The volume cannot be lowered beyond a certain level.

Bluetooth (Pairing and Using the Phone)

Pairing

A Bluetooth-enabled mobile device must be paired to the Bluetooth system and then connected to the vehicle before it can be used. See the

mobile device manufacturer's user guide for Bluetooth functions before pairing the device.

Pairing Information

- If no mobile device has been connected, the Phone main page on the infotainment display will show the Connect Phone option. Touch this option to connect. Another way to connect is to touch the Phones tab at the top right of the display and then touch Add Phone.
- A Bluetooth smartphone with music capability can be paired to the vehicle as a smartphone and a music player at the same time.
- Up to 10 devices can be paired to the Bluetooth system.
- The pairing process is disabled when the vehicle is moving.
- Pairing only needs to be completed once, unless the pairing information on the cell phone changes or the cell phone is deleted from the system.

- If multiple paired cell phones are within range of the system, the system connects to the paired cell phone that is set to First to Connect. If there is no cell phone set to First to Connect, it will link to the cell phone which was used last. To link to a different paired cell phone, see "Linking to a Different Phone" later in this section.

Pairing a Phone

1. Make sure Bluetooth has been enabled on the cell phone before the pairing process is started.
 2. Touch PHONE on the Home Page or the phone shortcut on the applications tray at the bottom of the screen.
 3. Touch Phones at the top of the infotainment display. There is also a Connect Phones option in the middle of the Phone screen which will shortcut to the Phone List menu.
 4. Touch Add Phone.
5. Select the vehicle name shown on the infotainment display from your cell phone's Bluetooth Settings list.
 6. Follow the instructions on the cell phone to confirm the six-digit code showing on the infotainment display and touch Pair. The pin code on the cell phone and infotainment display will need to be acknowledged for a successful pair.
 7. Start the pairing process on the cell phone to be paired to the vehicle. See the cell phone manufacturer's user guide for information on this process. Once the cell phone is paired, it will show under Connected.
 8. If the vehicle does not appear on your cell phone, there are a few ways to start the pairing process over.
 - Turn the cell phone off and then back on.

- Go back to the beginning of the Phone menus on the infotainment display and restart the pairing process.
 - Reset the cell phone, but this step should be done as a last-effort.
9. If the cell phone prompts to accept connection or allow phone book download, select Always Accept and Allow. The phone book may not be available if not accepted.
 10. Repeat Steps 1-8 to pair additional cell phones.

First to Connect Paired Phones

If multiple paired cell phones are within the range of the system, the system connects to the paired cell phone that is set as First to Connect. To enable a paired cell phone as the First to Connect phone:

1. Make sure the cell phone is turned on.
2. Touch Settings, then touch System.

3. Touch Phones to access all paired and all connected cell phones and mobile devices.
4. Select **i** to the right of the cell phone to open the cell phone's settings menu.
5. Select the First to Connect option, to enable the setting for that device.

Cell phones and mobile devices can be added, removed, connected, and disconnected. A sub-menu will display whenever a request is made to add or manage cell phones and mobile devices.

Secondary Phone

A cell phone can be enabled as a Secondary Phone by selecting **i** to the right of the paired cell phone name to open the phone settings menu. If a cell phone is enabled as a Secondary Phone, it can connect simultaneously alongside another Bluetooth mobile device. In doing so, the Secondary Phone will be labeled as Incoming Calls. This means the mobile device can only receive calls. The Address Book of a Secondary Phone will not be

available and hands-free outgoing calls cannot be placed using this cell phone.

If needed, touch the Secondary Phone while in the Phones list to swap it into the Outgoing and Incoming role. This role makes it possible to place outgoing calls from the Contacts and Recents list.

Listing All Paired and Connected Phones

1. Touch PHONE on the Home Page or the phone shortcut on the applications tray at the bottom of the screen.
2. Select Phones.

Disconnecting a Connected Phone

1. Touch PHONE on the Home Page.
2. Select Phones.
3. Touch **i** next to the connected cell phone or mobile device to display the cell phone's or mobile device's information screen.
4. Touch Disconnect.

Deleting a Paired Phone

1. Touch **PHONE** on the Home Page or the phone shortcut on the applications tray at the bottom of the screen.
2. Select **Phones**.
3. Touch **i** next to the connected cell phone to display the cell phone's or mobile device's information screen.
4. Touch **Forget Device**.

Linking to a Different Phone

To link to a different cell phone, the new cell phone must be in the vehicle and paired to the Bluetooth system.

1. Touch **PHONE** on the Home Page or the phone shortcut on the applications tray at the bottom of the screen.
2. Select **Phones**.
3. Select the new cell phone to link to from the not connected phone list. See *Settings* ⇨ 48 for more information about setting the device as the First to Connect or as a Secondary Phone.

Switching to Handset or Handsfree Mode

To switch between handset or handsfree mode:

- While the active call is hands-free, touch the **Handset** screen option to switch to the handset mode.
The mute icon will not be available nor functional while Handset mode is active.
- While the active call is on the handset, touch the **Handset** screen icon to switch to the hands-free mode.

Making a Call Using Contacts and Recent Calls

Calls can be made through the Bluetooth system using personal cell phone contact information for all cell phones that support the Phone Book feature. Become familiar with the cell phone settings and operation. Verify the cell phone supports this feature.

The **Contacts** menu accesses the phone book stored in the cell phone.

The **Recents** menu accesses the recents call list from your cell phone.

To make a call using the **Contacts** menu:

1. Touch the **Phone** screen icon.
2. Touch **Contacts**.
3. The **Contacts** list can be searched by using the first character. Touch **A-Z** on the infotainment display to scroll through the list of names.
Select the name to call.
4. Select the desired contact number to call.

To make a call using the **Recents** menu:

1. Touch **PHONE** on the Home Page.
2. Touch **Recents**.
3. Select the name or number to call.

Making a Call Using the Keypad

To make a call by dialing the numbers:

1. Touch **PHONE** on the Home Page.

2. Touch Keypad and enter a cell phone number.
3. Touch  to start dialing the number.

Searching Contacts Using the Keypad

To search for contacts using the keypad:

1. Touch PHONE on the Home Page.
2. Touch Keypad and enter partial cell phone numbers or contact names using the digits on the keypad to search.

Results will show on the right side of the screen. Select one to place a call.

Accepting or Declining a Call

When an incoming call is received, the infotainment system mutes and a ring tone is heard in the vehicle.

Accepting a Call

There are three ways to accept a call:

- Press  on the steering wheel controls.

- Touch Answer on the infotainment display.
- Select Answer on the instrument cluster using the select control.

Declining a Call

There are three ways to decline a call:

- Press  on the steering wheel controls.
- Touch Ignore on the infotainment display.
- Select Ignore on the instrument cluster using the select control.

Call Waiting

Call waiting must be supported on the Bluetooth cell phone and enabled by the wireless service carrier to work.

Accepting a Call

There are three ways to accept a call-waiting call:

- Press  on the steering wheel controls.
- Touch Switch on the infotainment display.

- Select Switch on the instrument cluster using the select control.

Declining a Call

There are three ways to decline a call-waiting call:

- Press  on the steering wheel controls.
- Touch Ignore on the infotainment display.
- Select Ignore on the instrument cluster using the select control.

Switching Between Calls (Call Waiting Calls Only)

To switch between calls, touch PHONE on the Home Page to display “Call View.” While in Call View, touch the call information of the call on hold to change calls.

Three-Way Calling

Three-way calling must be supported on the Bluetooth cell phone and enabled by the wireless service carrier to work.

To start a three-way call while in a current call:

1. In the Call View, select Add Call to add another call.
2. Initiate the second call by selecting from Recents, Contacts, or Keypad.
3. When the second call is active, press the merge icon to conference the three-way call together.

Ending a Call

- Press  on the steering wheel controls.
- Touch  next to a call to end only that call.
- Select End on the instrument cluster using the select control.

Dual Tone Multi-Frequency (DTMF) Tones

The in-vehicle Bluetooth system can send numbers during a call. This is used when calling a menu-driven phone system. Use the Keypad to enter the number.

Apple CarPlay and Android Auto

If equipped, Android Auto and/or Apple CarPlay capability may be available through a compatible smartphone. If available, the Android Auto and Apple CarPlay icons will appear on the Home Page of the infotainment display.

To use Android Auto and/or Apple CarPlay:

1. Download the Android Auto app to your smartphone from the Google Play store. There is no app required for Apple CarPlay.
2. Connect your Android smartphone or Apple iPhone by using the compatible mobile device USB cable and plugging into a USB data port. For best performance, use the device's factory-provided USB cable. Aftermarket or third-party cables may not work.

The Android Auto and Apple CarPlay icons on the Home Page will illuminate depending on the smartphone. Android Auto and/or

Apple CarPlay may automatically launch upon USB connection. If not, touch the Android Auto or Apple Carplay icon on the Home Page to launch.

For further information on how to set up Android Auto and Apple CarPlay in the vehicle, see my.cadillac.com or see "Customer Assistance" in the owner's manual.

Android Auto is provided by Google and is subject to Google's terms and privacy policy. CarPlay is provided by Apple and is subject to Apple's terms and privacy policy. For Android Auto support see <https://support.google.com/androidauto> or Apple CarPlay support at <https://www.apple.com/ios/carplay/> for more information. Apple or Google may change or suspend availability at any time. Android Auto is a trademark of Google Inc.; Apple CarPlay is a trademark of Apple Inc.

Press  on the center stack to exit Android Auto or Apple CarPlay. To enter back into Android Auto or Apple CarPlay, press and hold  on the center stack.

Apple CarPlay and Android Auto can be disabled from the Infotainment system. To do this, touch Home, Settings, and then touch the Apps tab along the top of the screen. Use the On/Off toggled to turn off Apple CarPlay or Android Auto.

Settings

Certain settings can be managed in the Owner Center sites when an account is established, and may be modified if other users have accessed the vehicle or created accounts. This may result in changes to the security or functionality of the infotainment system. Some settings may also be transferred to a new vehicle, if equipped. For instructions, in the U.S. see my.cadillac.com or in Canada see mycadillac.ca or Moncadillac.ca.

The settings menu may be organized into four categories. Select the desired category by touching System, Apps, Vehicle, or Personal.

To access the personalization menus:

1. Touch the SETTINGS icon on the Home Page on the infotainment display.
2. Touch the desired category to display a list of available options.
3. Touch to select the desired feature setting.
4. Touch  or | to turn off or on a feature.

5. Touch  to take you to the top level of the SETTINGS menu.

System

The menu may contain the following:

Time / Date

Use the following features to set the clock:

- Automatic Time and Date: Touch  or | to turn off or on to have the time automatically set. When this feature is on, the time and date can not be manually set.
- Set Time: Touch to manually set the time using  or .
- Set Date: Touch to manually set the date using  or .
- Automatic Time Zone: Touch  or | to turn off or on to have the time zone automatically updated based on vehicle location. When this feature is on, the time zone can not be manually set.
- Select Time Zone: Touch to manually set the time zone. Select a time zone from the list.

- Use 24-hour Format: Touch to specify the clock format shown.

Touch  or | to turn off or on.

Language

This will set the display language used on the infotainment display. It may also use the selected language for voice recognition and audio feedback. Touch Language and select the appropriate language.

Phones

Touch to connect to a different cell phone or mobile device source, disconnect a cell phone or media device, or delete a cell phone or media device.

Networks

This will show connected and available Wi-Fi networks.

If a 4G LTE data package is not active on the vehicle, the infotainment system can be connected to an external protected Wi-Fi network, such as a mobile device or home hotspot, to utilize connected services.

Wi-Fi Hotspot

Touch and the following may display:

- **Wi-Fi Services:** This allows devices to use the vehicle hotspot.
Touch  or  to turn off or on.
- **Wi-Fi Name:** Touch to change the vehicle Wi-Fi name.
- **Wi-Fi Password:** Touch to change the vehicle Wi-Fi password.
- **Connected Devices:** Touch to show connected devices.
- **Share Hotspot Data:** Select on to allow devices to use the vehicle hotspot and its data or select off to allow devices to only use the vehicle hotspot.

Display

Touch and the following may display:

- **Mode:** This adjusts the appearance of the navigation map view and any downloaded apps optimized for day or night time conditions. Set to Auto for the display to automatically adjust based on bright/dark conditions.

Touch Auto, Day, or Night to adjust the display.

- **Calibrate Touchscreen:** Touch to calibrate the infotainment display and follow the prompts.
- **Turn Display Off:** Touch to turn the display off. Touch anywhere on the display area or any control on the radio center stack again to turn the display on.

Sounds

Touch and the following may display:

- **Maximum Startup Volume:** This feature adjusts the maximum volume of the infotainment system when you start your vehicle. To set the maximum startup volume, touch  or  to increase or decrease.
- **Audio Cues:** This feature determines if sounds play when the infotainment system starts up and shuts down. This feature can be turned on or off.

- **Set Audio Cue Volume:** This setting controls the volume of Audio Cues played on startup and shut down. Touch  or  to increase or decrease.

Voice

Touch and the following may display:

- **Confirm More/Less:** This setting specifies how often the Voice Recognition system confirms commands. Select Confirm More to have the system check with you more often before acting on your commands.
- **Prompt Length:** This setting specifies the amount of detail the Voice Recognition system provides when giving you feedback. Select Auto to have the system automatically adjust to your speech habits. Select Informative, Short or Auto.
- **Audio Feedback Speed:** Touch Slow, Medium, or Fast to adjust how quickly the voice recognition system speaks.

- **Friendly Prompts:** This setting adjusts the formality of voice prompts. Touch Off for shorter prompts. Touch On to hear prompts with more personality. Touch Auto to have the prompt match your command style.
- **Tutorial Mode:** Touch Off or On to provide tutorial feedback on the display.

Favorites

Touch and the following may display:

- **Manage Favorites:** Touch to display a list of Audio, Mobile Devices, and Navigation favorites. Favorites can be moved, renamed, or deleted. To move, press and hold on the favorite, and then drag up or down to rearrange the position.
- **Set Number of Audio Favorites:** Touch to select how many favorites pages can be viewed from the audio application. The auto setting will automatically adjust this number based on the number

of favorites you have saved. Select Auto, 5, 10, 15, 20, 25, 30, 35, or 40.

Updates

If equipped, the infotainment system can download and install select software updates over a wireless connection. The system will prompt for certain updates to be downloaded and installed. There is also an option to check for updates manually.

To manually check for updates, touch SETTINGS on the Home Page, followed by Software Information, and then System Update. Follow the on-screen prompts. Steps for downloading and installing updates may vary by vehicle.

Downloading Over-the-Air vehicle software updates requires Internet connectivity, which can be accessed through the vehicle's built-in OnStar® 4G LTE connection, if equipped and active. If required, data plans are provided by a third party. Optionally, a secure Wi-Fi hotspot such as a compatible mobile device hotspot,

home hotspot or public hotspot can be used. Applicable data rates may apply.

To connect the infotainment system to a secured mobile device hotspot, home hotspot, or a public hotspot, touch SETTINGS on the Home Page, select the System tab, followed by Wi-Fi Networks. Select the appropriate Wi-Fi network, and follow the on-screen prompts. Download speeds may vary.

On most compatible mobile devices, activation of the Wi-Fi hotspot is in the Settings menu under Mobile Network Sharing, Personal Hotspot, Mobile Hotspot or similar.

Availability of Over-the-Air software updates varies by vehicle and country. For more information on this feature, see my.cadillac.com/learn.

Preferences

Touch  or  to turn off or on to download new updates in the background.

About

Touch to view the infotainment system software information.

Running Applications

Touch to see a complete list of applications that are currently running on the infotainment system.

Return to Factory Settings

Touch and the following may display:

- **Reset Vehicle Settings:** Resets all vehicle settings for the current user.
Select Reset or Cancel.
- **Erase Settings and Personal Data:** Erases app data settings, user profiles, and personal data including navigation and mobile device data.
Select Erase or Cancel.
- **Clear Default Applications:** Resets preferred applications that have been set to open when selecting a function. No application data will be lost.
Select Clear or Cancel.

Apps

The menu may contain the following:

Android Auto

This feature allows you to interact directly with your mobile device on the infotainment display. See *Apple CarPlay and Android Auto* ⇨ 46

Touch ○ or | to turn off or on.

Apple CarPlay

This feature allows you to interact directly with your mobile device on the infotainment display. See *Apple CarPlay and Android Auto* ⇨ 46

Touch ○ or | to turn off or on.

Audio

Depending on the current audio source, different options will be available.

Touch and the following may display:

- **Tone Settings:** Touch to adjust Equalizer, Fade/Balance, or Sound Mode. See “Infotainment System Sound Menu” in *AM-FM Radio* ⇨ 9

- **Bose AudioPilot:** This feature adjusts the volume based on the noise in the vehicle and the speed.
Touch ○ or | to turn off or on.
- **Auto Volume:** This feature adjusts the volume based on the vehicle speed.
Select Off, Low, Medium-Low, Medium, Medium-High, or High.
- **Manage Favorites:** Touch to display a list of Audio, Mobile Devices, and Navigation favorites.
Favorites can be moved, renamed, or deleted.
To move, press and hold on the favorite, and then drag up or down to rearrange the position.
- **Set Number of Audio Favorites:** Touch to select how many favorites pages can be viewed from the audio application. The auto setting will automatically adjust this number based on the number of favorites you have saved. Select Auto, 5, 10, 15, 20, 25, 30, 35, or 40.

- **RDS:** This allows RDS to be turned on or off.

Touch  or | to turn off or on.

- **HD Radio:** This allows HD Radio reception to be turned on or off.

Touch  or | to turn off or on.

- **Reset Music Index:** This allows the music index to be reset if you are having difficulty accessing all of the media content on your device.

Select YES or NO.

Climate

Touch and the following may display:

- **Auto Fan Speed:** This setting specifies the amount of airflow when the climate control fan setting is Auto Fan.

Select Low, Medium, or High.

- **Air Quality Sensor:** This setting switches the system into Recirculation Mode based on the quality of the outside air.

Select Off, Low Sensitivity, or High Sensitivity.

- **Auto Cooled Seats:** This setting automatically turns on and regulates the cooled seats when the cabin temperature is warm.

Touch  or | to turn off or on.

- **Auto Heated Seats:** This setting automatically turns on and regulates the heated seats when the cabin temperature is cool. The auto heated seats can be turned off by using the heated seat buttons on the center stack.

Touch  or | to turn off or on.

- **Auto Defog:** This setting automatically turns the front defogger on when the vehicle engine is started.

Touch  or | to turn off or on.

- **Auto Rear Defog:** This setting automatically turns the rear defogger on when the vehicle engine is started.

Touch  or | to turn off or on.

Collection

Touch and the following may display:

- **Update Apps Automatically:** This allows downloaded applications to be updated automatically.

Touch  or | to turn off or on.

- **About Collection:** Touch to view the versions of the collection software.

See *Using the System* ⇨ 4

Nav

Touch and the following may display:

- Routing Options
- Set Up My Places
- Map Colors
- Alert Preferences
- Predictive Navigation
- History
- About

See *Using the Navigation System* ⇨ 21.

Phone

Touch and the following may display:

- **My Number:** Displays the cell phone number of the Bluetooth connected device.
- **Active Call View:** Shows active call screen when answering a call.

Touch  or | to turn off or on.

- **Privacy:** Only show call alerts in cluster.

Touch  or | to turn off or on.

- **Sort Contacts:** Touch to sort by first or last name.

- **Re-sync Device Contacts:**

This allows the device contacts to re-sync if you are having difficulty accessing all of the contacts on your cell phone.

- **Delete All Vehicle Contacts:** Touch to delete all vehicle stored contacts.

- **OnStar Phone TTY Mode:** This enables OnStar cell phone TTY mode.

Select Disable or Enable.

Vehicle

This menu allows adjustment of different vehicle features. See “Vehicle Personalization” in the owner’s manual.

Personal

This menu allows adjustment of different user profile settings. See “Users” in *Using the System* ⇨ 4 for information on setting up user profiles.

The menu may contain the following:

Name

Touch to edit your user name that will be displayed in the vehicle.

Vehicle Account Information

Touch to view the vehicle account information and to change account password.

An “unverified user account” pop-up will display until the account information verification process has been completed on the internet. Check your registered email account for an activation email to complete the verification process.

Profile Picture

Touch to choose or change your profile picture.

Profile Identifiers

Touch to have the vehicle recognize the identifier you choose.

Select Vehicle Key 1 and/or Vehicle Key 2.

If the Remote Keyless Entry (RKE) transmitter is lost or stolen, see your dealership.

Security

Touch to have your profile secured with a PIN.

Select No or Yes.

Vehicle Name

Touch to edit your vehicle name.

Vehicle Account

Touch to view the vehicle account information and to change account password.

Delete Profile

Touch to remove the profile from the vehicle.

Select Remove or Cancel.

Teen Driver

If equipped, this allows multiple keys to be registered for beginner drivers to encourage safe driving habits. When the vehicle is started with a Teen Driver key, it will automatically activate certain safety systems, allow setting of some features, and limit the use of others. The Report Card will record vehicle data about driving behavior that can be viewed later. When the vehicle is started with a registered key, the Driver Information Center (DIC) displays a message that Teen Driver is active.

To access:

1. Select SETTINGS on the Home Page, then Vehicle, and then Teen Driver.

2. Create a Personal Identification Number (PIN) by choosing a four-digit PIN. Re-enter the PIN to confirm. To change the PIN, select Change PIN.

The PIN is required to:

- Register or unregister keys.
- Change Teen Driver settings.
- Change or clear the Teen Driver PIN.
- Access or delete Report Card data.

Register keys to activate Teen Driver and assign restrictions to the key:

Any vehicle key can be registered, up to a maximum of eight keys. Label the key to tell it apart from the other keys.

1. Start the engine.
2. For automatic transmissions, the vehicle must be in P (Park). For manual transmissions, the vehicle must be stopped with the parking brake set.
3. From the Settings menu, select Vehicle and then Teen Driver.

4. Enter the PIN.
5. Place the Remote Keyless Entry (RKE) transmitter key you wish to register in the transmitter pocket. The key does not need to be the one that started the vehicle. See "Remote Keyless Entry (RKE) System Operation" in the owner's manual for transmitter pocket location.
6. From the Teen Driver Menu, select Setup Keys.
 - If the transmitter key has not previously been registered, the option to add the key displays. Select Setup and a confirmation message displays. Teen Driver restrictions will be applied whenever this key is used to operate the vehicle.
 - If the transmitter key has already been registered, the option to remove the key displays. If Remove is selected, the transmitter key is no longer registered. A confirmation message displays, and Teen Driver

restrictions will not be applied if this transmitter key is used to operate the vehicle.

In vehicles with a pushbutton start system, if a Teen Driver and a non-Teen Driver key are both present at start up, the vehicle will recognize the non-Teen Driver key to start the vehicle. The Teen Driver settings will not be active.

Manage Settings

Use the PIN to change the following settings:

Audio Volume Limit : Allows the audio volume limit to be turned on or off. Select Set Audio Volume Limit to choose the maximum allowable audio volume level.

Set Audio Volume Limit : Allows a maximum radio volume to be set. Use the arrows to choose the maximum allowable level for the audio volume.

Teen Driver Speed Limiter (If Equipped) : Limits the maximum speed of the vehicle to 136 km/h (85 mph). When the speed limiter is turned on and the vehicle is started

with a Teen Driver key, the DIC displays a message that the top speed is limited.

Teen Driver Speed Warning : Allows the speed warning to be turned on or off. Select Set Teen Driver Speed Warning to set the warning speed.

Set Teen Driver Speed Warning : This setting displays a warning in the DIC when exceeding a selectable speed. Choose the desired speed warning level from 64 km/h (40 mph) to 121 km/h (75 mph). The speed warning does not limit the speed of the vehicle.

When Teen Driver is Active:

- The radio will mute when the driver safety belt is not fastened, and in some vehicles, when the front passenger safety belt is not fastened. The audio from any device paired to the vehicle will also be muted.
- Certain devices placed on the front passenger seat could cause the passenger sensing system to falsely sense an unbuckled front

passenger and mute the radio. See “Passenger Sensing System” in the owner’s manual.

- Some safety systems, such as Forward Automatic Braking, if equipped and supported, cannot be turned off.
- The gap setting for the Forward Collision Alert and Adaptive Cruise Control, if equipped, cannot be changed.

Report Card

The vehicle owners must secure the driver’s consent to record certain vehicle data when the vehicle is driven with a registered Teen Driver key. There is one Report Card per vehicle. Data is only recorded when a registered teen driver key is used to operate the vehicle.

The Report Card data is collected from the time Teen Driver is activated or the last time the Report Card was reset. The following items may be recorded:

- Distance Driven – the total distance driven.

- Maximum Speed – the maximum vehicle speed detected.
- Overspeed Warning – the number of times the speed warning setting was exceeded.
- Wide Open Throttle – the number of times the accelerator pedal was pressed nearly all the way down.
- Forward Collision Alert – the number of times the driver was notified when approaching a vehicle ahead too quickly and at potential risk for a crash.
- Forward Collision Avoidance Braking – also referred to as Forward Automatic Braking, the number of times the vehicle detected that a forward collision was imminent and applied the brakes.

- Traction Control – the number of times the Traction Control System activated to reduce wheel spin or loss of traction.
- Stability Control – the number of events which required the use of electronic stability control.
- ABS Active – the number of Antilock Brake System activations.
- Tailgating Alerts – the number of times the driver was alerted for following a vehicle ahead too closely.

Report Card Data

Cumulative Data is saved for all trips until the Report Card is reset or until the maximum count is exceeded. If the maximum count is exceeded for a Report Card line item, that item will

no longer be updated in the Report Card until it is reset. Each item will report a maximum of 1,000 counts. The distance driven will report a maximum of 64,374 km (40,000 mi).

To delete Report Card data, do one of the following:

- From the Report Card screen, select Reset.
- Select Clear All Teen Keys and PIN from the Teen Driver menu. This will also unregister any Teen Driver keys and delete the PIN.

Forgotten PIN

See your dealer to reset the PIN.

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FCC Information

See "Radio Frequency Statement" in the owner's manual.

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