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Introduction



The names, logos, emblems, slogans, vehicle model names, and vehicle body designs appearing in this manual including, but not limited to GM, the GM logo, CHEVROLET, the CHEVROLET Emblem, CAMARO, the CAMARO Emblem, and MyLink are registered trademarks and/or service marks of General Motors LLC, its subsidiaries, affiliates, or licensors.

The information in this manual supplements the owner's 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

(Continued)

Warning (Continued)

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 features when driving. These features may grey 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 Infotainment system operation, controls on the centre console, and the infotainment display.

- Set up the audio by presetting favourite stations, setting the tone, and adjusting the speakers.
- Set up phone numbers in advance so they can be called easily by pressing a single control or by using a single voice command if equipped with Bluetooth phone capability.

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

To play the infotainment system with the ignition off, see “Retained Accessory Power (RAP)” in the owner’s manual.

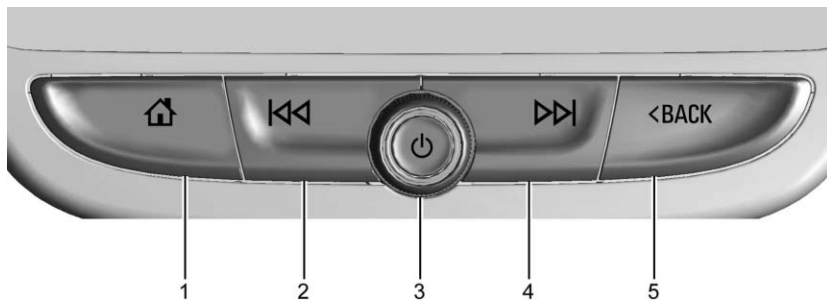
Customer Assistance

Assistance is available to help with Bluetooth pairing, application downloading and installation, other mobile device interface, and operation support of the infotainment system. Contact your dealer.

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Infotainment System

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



1. (Home Page)
- 2.
3. (Power)
- 4.
5. < BACK

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

Turn to increase or decrease the volume.


:


- AM, FM, or DAB: Press to seek to the previous strong station. See *AM-FM Radio* ⇨ 10.
- USB, AUX, or Bluetooth Audio: Press to seek to the beginning of the current or previous track.
- USB, AUX, or Bluetooth Audio: Press and hold to quickly reverse through a track. Release to return to playing speed. See *USB Port* ⇨ 16, *Auxiliary Jack* ⇨ 19, or *Bluetooth Audio* ⇨ 20.

:

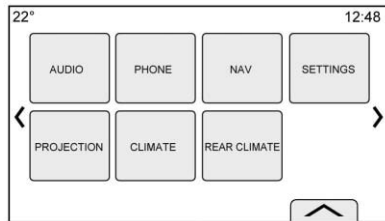
- AM, FM, or DAB: Press to seek to the next strong station.
- USB, AUX, or Bluetooth Audio: Press to seek the next track.

- USB, AUX, or Bluetooth Audio: Press and hold to fast forward through a track. Release to return to playing speed. See *USB Port* ⇨ 16, *Auxiliary Jack* ⇨ 19, or *Bluetooth Audio* ⇨ 20.

 : Press to go to the Home Page. See “Home Page” following.



 **BACK** : Press to return to the previous menu.


Home Page





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

The Home Page can be set up to have up to five pages with eight icons per page.

Touch  or  to access the pages of icons.

 : Touch to go to the previous Home Page.

 : Touch to go to the next Home Page.


 : Touch to display the favourites list.

Touch a preset in the favourites to begin the process of saving a favourite application.

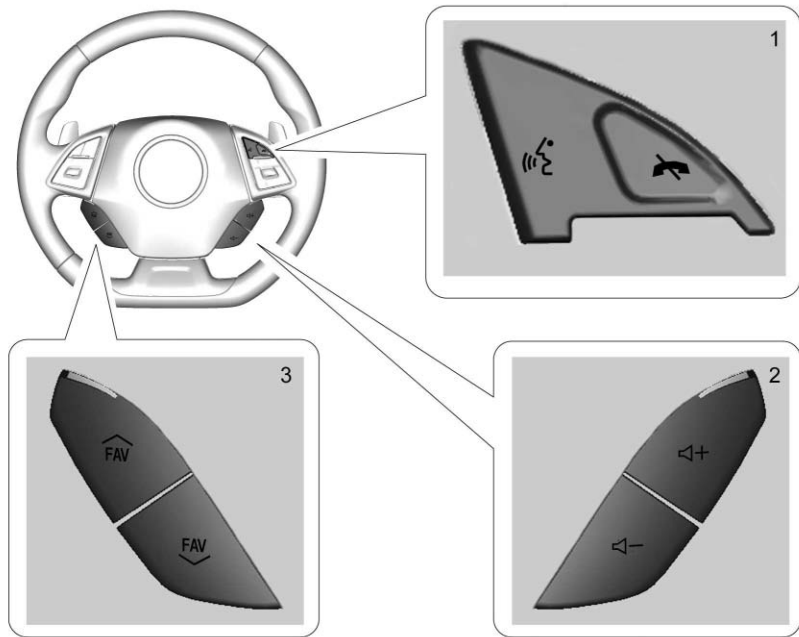
Touch and hold the application icon to store as a favourite. The name of the application will be shown in favourites.

Managing Home Page Icons


1. Touch and hold any of the Home Page icons to enter edit mode.
2. Continue holding the icon and drag it to the desired position.
3. Release your finger to drop the icon in the desired position.

4. To move an application to another page, drag the icon to the edge of the display towards the desired page.
5. Continue dragging and dropping application icons as desired.
6. Press  to exit edit mode.


Steering Wheel Controls





If equipped, some audio controls can be adjusted at the steering wheel.

 **(1)** : Press to answer an incoming call or start voice recognition. See *Bluetooth (Overview)* ⇨ 54

or *Bluetooth (Infotainment Controls)* ⇨ 55 or *Bluetooth (Voice Recognition)* ⇨ 58 or “OnStar Overview” in the owner’s manual.

 **(1)** : 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  - **(2)** : Press to increase or decrease volume.

 **FAV** or  **(3)** : Press to display a list of favourites. Press again to select the next or previous favourite when listening to the radio.

Using the System

Infotainment Display Features

Infotainment display features show on the display when available. When a feature is unavailable, it may grey out. When a feature is selected, it may highlight.

Home Page Features

Touch the icons on the Home Page to launch an application.

Audio

Touch the Audio icon to display the active audio source page. Available sources are AM, FM, DAB, MyMedia, USB, Bluetooth, and AUX Input.

Phone

Touch the Phone icon to display the Phonemain page.

See *Bluetooth (Overview)* ⇨ 54 or *Bluetooth (Infotainment Controls)* ⇨ 55 or *Bluetooth (Voice Recognition)* ⇨ 58.

Projection

Touch the Projection icon to activate Android Auto or Apple CarPlay (if equipped) after a supported device is connected. See *Apple CarPlay and Android Auto* ⇨ 60.

Apps

If equipped, in-vehicle apps are available for download. Touch the Apps icon on the 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 Settings menu under Mobile Network Sharing, Personal Hotspot, Mobile Hotspot, or similar.

To purchase data for the in-vehicle Wi-Fi hotspot, if equipped, touch the Apps icon on the Home Page or contact an OnStar Advisor. The vehicle must have active OnStar service and a payment method on file.

Availability of Apps and connectivity varies by vehicle, conditions and location. Data plan rates apply. For more information, see your dealer.

Nav/OnStar Nav

If equipped, touch the Nav icon to display the navigation map and the OnStar Turn-by-Turn navigation. See *Using the Navigation System* ⇨ 22 and *OnStar System* ⇨ 43.

Settings

Touch the Settings icon to display the Settings menu. See *Settings* ⇨ 62.

Lighting

If equipped, touch the Lighting icon to display the Settings menu for the ambient light modes. See “Interior Lamps” in the owner’s manual.

Climate

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

Rear Climate

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

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Applications Tray



The applications tray is at the top centre of the display. It can have three to five applications.

To add an application from the Home Page to the applications tray:

1. Touch and hold any icon on the Home Page to enter edit mode.
2. Drag the icon to the applications tray.

To remove an item from the applications tray, drag the icon from the applications tray back to the Home Page.

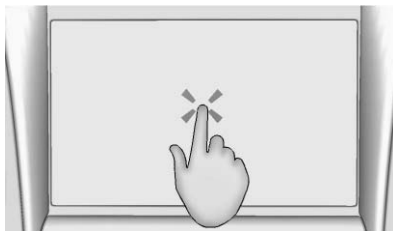
Press  to exit edit mode.

Adding or removing applications from the applications tray will not remove them from the Home Page.

Infotainment Gestures

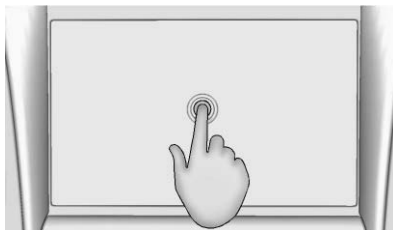
Use the following finger gestures to control the infotainment system.

Touch/Tap



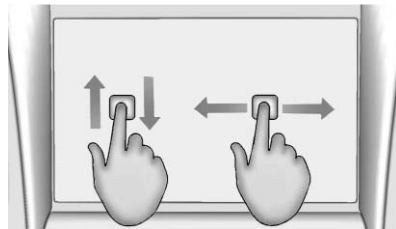
Touch/tap is used to select an icon or option, activate an application or change the location inside a map.

Touch and Hold



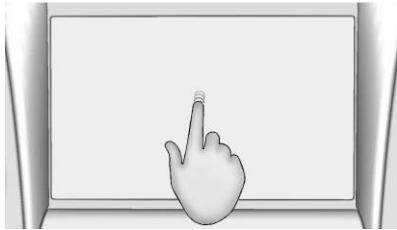
Touch and hold can be used to start another gesture, move, or delete an application.

Drag



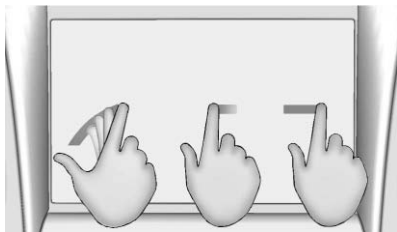
Drag is used to move applications on the Home Page, or to pan the map. To drag the item, it must be held and moved along the display to the new location. This can be done up, down, right, or left.

Nudge




Nudge is used to move items a short distance on a list or a map. To nudge, hold and quickly 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 display then moving it rapidly up and down or right and left.

Turn

Turn the  knob on the centre console to perform functions such as increasing or decreasing the volume.

Cleaning High Gloss Surfaces and Vehicle Information and Radio Displays

For vehicles with high gloss surfaces or vehicle displays, use a microfibre cloth to wipe surfaces. Before wiping the surface with the microfibre cloth, use a soft bristle brush to remove dirt that could scratch the surface. Then use the microfibre cloth by gently rubbing to clean. Never use window cleaners or solvents. Periodically hand wash the microfibre 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 *Settings* ⇨ 62 for details on software updates.

Radio

AM-FM Radio

Playing the Radio

Touch the Audio icon on the Home Page. While on the Audio main page the available sources are AM, FM, DAB, MyMedia, USB, Bluetooth, and AUX Input.

Infotainment System Settings

Touch the Audio icon on the Home Page to access broadcast sources.

Touch the Menu icon on the infotainment display to show the following menus:

Tone Settings:

- Bass, Midrange, Treble, Surround (if equipped): Touch + or - to adjust. Surround adjusts the headrest speaker volume only.

- Balance: Touch < or > for more sound from the left or right speakers. The middle position balances the sound between the left and right speakers.
- Fade: Touch ^ or v for more sound from the front or rear speakers. The middle position balances the sound between the front and rear speakers.

DSP Modes (If Equipped)

- Bose Centerpoint surround sound system has four DSP 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 from

nearly any audio source: existing stereo and MP3 players. For more information on Bose Centerpoint surround technology, see www.boseautomotive.com.

Categories : Touch Categories under the Audio menu to access the categories list for AM, FM or DAB. The list contains names associated with the AM, FM and DAB stations. Touch a category name to display a list of stations for that category. Select a station from the list, tune the radio to that station, and the display returns to Now Playing.

EQ : If equipped with a Bose sound system, the Equaliser settings are selected through the tone settings menu. Touch the left or right arrows to cycle through the EQ options. The available choices are Manual and Talk.

Auto Volume (If Equipped) : This feature adjusts the volume based on vehicle speed. The options are Off, Low, Medium - Low, Medium, Medium - High, or High. Touch the

Back icon on the infotainment display to go back to the previous menu.

Bose AudioPilot Noise Compensation Technology (If Equipped)

: When turned on, AudioPilot technology detects ambient noise and vehicle speed to continuously adjust many aspects of the audio signal so that music will sound the same at a set volume level.

The options are On and Off.

This feature is most effective at lower radio volume settings where background noise can affect how well the music is being played through the vehicle's audio system. At higher volume settings, where the music is louder than the background noise, there may be little or no adjustments by AudioPilot.

Update Station List : For AM, FM, and DAB only, touch to update the station list. Press < BACK or touch the Back icon on the infotainment display to go back to the previous menu.

Finding a Station

Seeking a Station

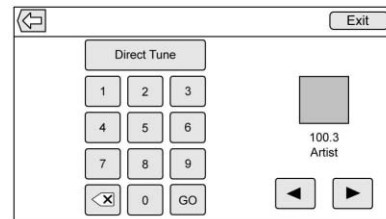


Press << or >> on the infotainment display to search for the previous or next strongest station.

Tuning a Station

Touch the Tune icon on the infotainment display to switch to Direct Tune. Touch << or >> to manually search for a station.

Direct Tune



Access Direct Tune by touching the Tune icon on the infotainment display to bring up the keypad. Navigate up and down through all frequencies 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.

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

A valid station will automatically tune to the new frequency but not close the Direct Tune window.

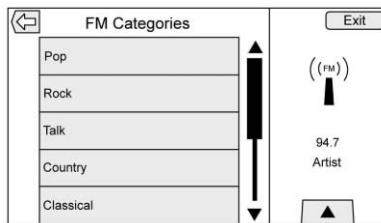
Touch the Back or Exit icon on the infotainment display to close Direct Tune.

The tune arrows on the right-hand side of the Direct Tune display scroll through the complete station list one station step at a time per touch. A touch and hold advances 10 frequency steps per second.

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

In AM, FM, and DAB modes, touch << or >> for the radio to go to the next or previous strong station. Touch Direct Tune to advance to the next or previous frequency step in AM, FM, or DAB mode or directly enter or tune to the frequency on the keypad.

AM, FM, and DAB Categories



AM, FM, and DAB Categories are available under the AM, FM, and DAB audio menu. Touch AM, FM and DAB Categories to access the AM, FM and DAB Categories list.

The categories list contains category names associated with AM, FM, and DAB stations. Selecting a given category name displays a list of stations for that category.

Storing Radio Station Presets

Favourites are stored near the bottom of the display.

Up to 60 preset stations can be stored under the following:


AM, FM, and DAB Radio Stations : Touch and hold a preset to store the current station as a favourite. Touch a saved favourite to recall a favourite station.

Mixed-Audio Favourites

Favourites that can be stored include radio stations, media favourites, contacts, destinations, navigation, or applications.

22°					12:48
< >					
100.3	104.3	105.1	106.7	95.5	
99.5	96.3	97.1	92.3	88.7	
92.3	101.1	93.1	93.9	108.1	
< >					•••••

To scroll through the favourites:

- Drag  up to display the favourites. To close the favourites, drag them down.

- Slide a finger to the right or left to scroll through each page of favourites.

Tone Settings : Drag  up to display the favourites. Touch and hold a preset to store the current tone settings as a favourite. Touch a saved favourite to recall a favourite tone setting.

The number of favourites displayed is automatically adjusted by default, but can be manually adjusted in the Settings menu under Radio and then Number of Favourites Shown.

Radio Data System (RDS)

The audio system has an RDS. RDS features are available for use only on FM and DAB stations that broadcast RDS information. With RDS, the radio can:

- Seek to stations broadcasting the selected type of programming
- Receive announcements concerning local and national emergencies

- Display messages from radio stations

This system relies on receiving specific information from these stations and only works when the information is available. In rare cases, a radio station may broadcast incorrect information that causes the radio features to work improperly. If this happens, contact the radio station.

The RDS system is always on. When information is broadcast from the current FM station, the station name or call letters show on the audio display. RDS may provide a programme type (PTY) for current programming and the name of the programme being broadcast.

When RDS signal information has been detected, the metadata fields will be updated on the infotainment display to show the RDS data. The radio text will be updated any time new information is received.

The RDS fields on the display will show in the following order:

- Frequency and/or RDS-PSN.

- RDS text line one is the information provided by the broadcast.
- RDS text line two and three is RDS text. Line three is used only if necessary, to wrap over from the text on line two.

If the RDS text information overflows from line two and three, the previous information given on line two and three will clear. The overflow of information will finish starting from the previously used line two and then if necessary, line three.

If an RDS text update occurs during the paging, the display fields are cleared and the new information is displayed, beginning on line two.

Once the entire broadcast text is finished paging, the amount of text that can fit in lines two and three will be displayed and an ellipsis will indicate further text exists.

RDS Traffic Volume Setting

Traffic alert volume can be adjusted by turning the volume up or down while the alert is playing. The system will store this setting for future traffic alerts.

If the current source is playing at a higher volume than the traffic alert volume setting, the traffic alert will play back at the current source volume setting. If the current source is playing at a lower volume than the traffic alert volume setting, the traffic alert will play at the volume set for traffic.

Once an alert is complete, the system volume returns to its previously set level prior to the traffic alert.

If the traffic alert volume is set to zero during an alert, the next traffic alert will play at the minimum connection volume level.

If stations or sources are switched during a traffic alert, the current traffic alert will be cancelled.

If the RDS On/Off option is set to Off, and the Traffic Programme (TP) is set to On, a traffic alert will automatically override the Off setting and place the RDS mode to On.

The default station list is sorted by RDS stations first, in order of signal strength, and followed by non-RDS stations grouped at the end of the list.

Stations that support traffic programming are marked TP and show on the right side of the line item.

Radio Reception

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

FM

FM signals only extend 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.

Digital Audio Broadcasting (DAB)

Digital Audio Broadcasting (DAB) is a universal broadcast system that indicates stations by the radio programme name on the infotainment display. The DAB signal produces a constant volume and is not affected by interference from nearby frequencies. The reception quality of DAB improves if the signal is reflected by natural obstacles or buildings. If the DAB signal is unclear, reception is interrupted completely.

Mobile Phone Usage

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

Aerial (Convertible)

The AM, FM and DAB aerial is integrated in the rear spoiler.

No maintenance or adjustments are needed. Do not place loads on the spoiler.

If the spoiler is replaced, make sure it is replaced with the correct GM parts for the best AM, FM and DAB reception.

Multi-Band Aerial

The multi-band aerial is used for OnStar and GPS (Global Positioning System). Keep the aerial clear of obstructions for clear reception.

If the vehicle has a sunroof, the performance of GPS maybe affected if the sunroof is open.

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

This vehicle may have two USB ports in the centre console. These ports are for data and charging.

Playing from a USB

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

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

Allows access to content from all indexed media sources. Touch the Media icon on the infotainment display to scroll through the options until MyMedia is selected. Use gestures or controls to scroll through the content.

USB MP3 Player and USB Devices

- The USB MP3 players and USB devices connected must comply with the USB Mass Storage Class specification (USB MSC).
- Hard disk drives are not supported.
- The following restrictions apply for the data stored on a USB MP3 player or USB device:
 - Applicable audio extensions are mp3, wma, aac, m4a, and aif.

- WMA and Apple lossless files are not supported.
- Supported file systems are FAT32 and NTFS.

To play a USB device, do one of the following:

- Connect the USB.
- Press MEDIA on the centre console until the connected device is shown.

Use the following when playing an active USB source:

▶ : Touch to play the current media source.

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

⏪:

- Touch to seek to the beginning of the current or previous track. If the track has been playing for less than five seconds, the previous track plays. If playing longer than five seconds, depending on the device, the current track restarts.

- 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.

: Touch the shuffle icon on the infotainment display to shuffle through the available media.

: Touch the replay icon on the infotainment display to show the time bar. Move the time bar to interact with the currently playing song.

TONE : : Touch the Tone icon near the bottom of the display to access the Tone Settings menu. Set the Bass, Midrange, Treble, Balance, and Fade.

USB Menu

Touch the Menu icon to display the USB menu. The following may be available:

Shuffle : Touch to play the tracks randomly. Touch again to stop shuffle.

Tone : Touch + or – to adjust the tone settings. See *AM-FM Radio* ⇨ 10.

Auto Volume (If Equipped) : This feature adjusts the volume based on the vehicle speed. See *AM-FM Radio* ⇨ 10.

Bose AudioPilot Noise Compensation Technology (If Equipped) : This feature adjusts the volume based on the noise in the vehicle and speed. See *AM-FM Radio* ⇨ 10.

USB Browse Menu

Touch anywhere between the top and bottom menus or touch the Browse icon on the infotainment display to view the Browse menu and the following options are shown near the bottom of the display:

Playlists:

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

Artists:

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

Albums:

1. Touch to view the albums on the USB.
2. Touch the album to view a list of All Songs on the album.
3. Touch a song from the list to begin playback.

Songs:

1. Touch to display a list of All Songs on the USB.

18 Audio Players

2. To begin playback, touch a song from the list.

Genres:

1. Touch to view the genres on the USB.
2. Touch a genre to view a list of all content of that genre.
3. Touch artist to view a list of albums. Touch an album to view a list of songs.
4. Touch a song to start playback.

Podcasts, Composers, Audiobooks and Folder View are shown when the More icon is touched from near the bottom of the display.

Podcasts:

1. Touch to view the podcasts on the USB.
2. Touch a podcast.
3. Touch an episode to start playback.

Composers:

1. Touch to view the composers on the USB.

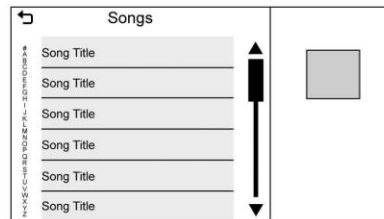
2. Touch Composers to view a list of albums by that composer.
3. Touch an album to view a list of songs.
4. Touch a song from the list to begin playback.

Audiobooks:

1. Touch to view the audiobooks stored on the USB.
2. Touch the audiobook from the list. Touch a chapter to begin playback.

Folder View (If Equipped):

1. Touch to view the directories on the USB.
2. Touch a folder to view a list of all files.
3. Touch a file from the list to begin playback.



When a list of songs, albums, artists, or other types of media displays, a vertical keyboard appears on one side of the list and a scroll bar on the other side. When using the vertical keyboard, touch the beginning character of the desired name to display the zoom bubble of that character. Lift your finger from the display and the zoom bubble disappears.

Touch the scroll bar to move the list up and down.

File System and Naming

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

For more information, see your dealer.

Loss of Audio

If a phone currently paired over Bluetooth is plugged in with a USB cable, the system will automatically mute the phone audio. Playback can be resumed by changing the audio source from Bluetooth to USB cable.

Use USB source from the Media icon on the infotainment display to resume playback.

Bluetooth Streaming Audio and Voice Recognition

See *Bluetooth Audio* ⇨ 20 for information on using voice recognition with Bluetooth streaming audio.

Make sure all devices have the latest software downloaded.

Auxiliary Jack

This vehicle has an auxiliary input jack in the centre 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 the Media icon on the infotainment display to scroll through audio source menus, until the AUX Input source displays.

Playing from the AUX Port

An auxiliary device is played through the audio system and controlled through the device itself.

AUX Menu

Touch the Media icon on the infotainment display to show the AUX Input menu and the following may appear:

Tone Settings : Touch to adjust Bass, Midrange, Treble, Balance, Fade and EQ (Equaliser). See *AM-FM Radio* ⇨ 10.

Auto Volume (If Equipped) : This feature adjusts the volume based on the vehicle speed. See *AM-FM Radio* ⇨ 10.

Bose AudioPilot Noise Compensation Technology (If Equipped) : This feature adjusts the volume based on the noise in the vehicle and speed. See *AM-FM Radio* ⇨ 10.

DSP Modes (If Equipped) : With a Bose surround sound system, this feature adjusts the DSP modes. See "DSP Modes" in *AM-FM Radio* ⇨ 10.

Bluetooth Audio

If equipped, music may be played from a paired Bluetooth device. See *Bluetooth (Overview)* ⇨ 54 or *Bluetooth (Infotainment Controls)* ⇨ 55 or *Bluetooth (Voice Recognition)* ⇨ 58 for help pairing a device.

The music can be controlled by either the infotainment controls or the controls on the device.

Music can be launched by pressing MEDIA on the centre console or by touching the Audio icon on the Home Page, then touch the Media icon on the infotainment display.

To play music via Bluetooth:

1. Power on the device, and pair to connect the device.

2. Once paired, go into the audio application from the Home Page or through the applications tray. Touch the Media icon until Bluetooth displays.

Bluetooth Audio Menu

Touch the Menu icon on the infotainment display to show the Bluetooth Audio menu. The following may be available:

Tone : Touch + or – to adjust the tone settings. See *AM-FM Radio* ⇨ 10.

Auto Volume (If Equipped) : This feature adjusts the volume based on the vehicle speed. See *AM-FM Radio* ⇨ 10.

Bose AudioPilot Noise Compensation Technology (If Equipped)

This feature adjusts the volume based on the noise in the vehicle and speed. See *AM-FM Radio* ⇨ 10.

Touch the Back icon on the infotainment display to go back to the previous menu.

Manage Bluetooth Devices :

Touch to go to the Bluetooth page to add or delete devices.

When using the Bluetooth audio source, the radio may not be able to launch specific applications on your device. Use the device to start audio playback when it is safe to do so.

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

Some phones 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 your retailer.

OnStar System

OnStar 4G LTE



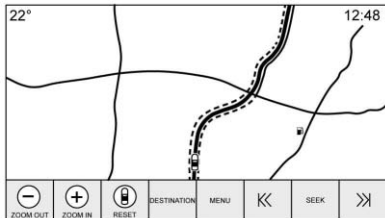
If equipped with OnStar 4G LTE, up to seven devices, such as smartphones, tablets, and laptops, can be connected to high-speed Internet through the vehicle's built-in Wi-Fi hotspot.

Call 1-888-4ONSTAR (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, operator, 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.

Navigation

Using the Navigation System

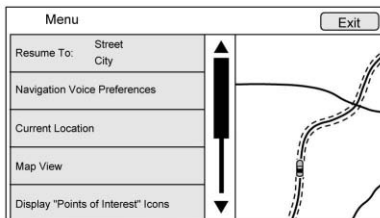
Touch the Nav icon on the Home Page or the Nav icon in the applications tray to access the navigation application.



Touch the Menu icon from the map view to access the Navigation Menu. Features displayed in the Navigation Menu can be selected to adjust navigation preferences.

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

When the display is not in use, it will time out and remove the controls. Touch anywhere along the bottom or top of the display to show the controls.



Additional navigation features are:

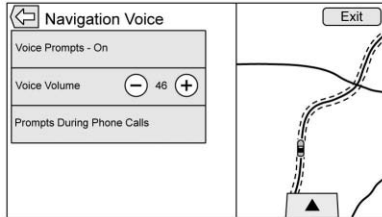
- Cancel Route/Resume To
- Navigation Voice Preferences
- Current Location
- Map View
- Routing Preferences
- Display “Places of Interest” Icons
- Personal Data

Cancel Route/Resume To

- While under route guidance, this option displays Cancel Route. Touch Cancel Route to cancel route guidance. No further prompts will be given. The option then changes to Resume to.
- Touch the Resume to option to resume route guidance to the last entered destination.
- The last location that the system has provided guidance to can be resumed by touching this option.
- If the route includes waypoints, the entire route can be suspended using the Cancel Route option. When Resume To is touched, all waypoints are resumed for guidance.

Navigation Voice Preferences

Touch the Navigation Voice Preferences option to adjust the following voice preferences:



- Voice Prompts On-Off
- Voice Volume
- Prompts During Phone Calls On-Off

Voice Prompts

Touch the Voice Prompts option to toggle voice prompts On and Off.

Voice Volume

Adjust the loudness of the audio feedback by touching - or +. If a manoeuvre prompt is being played,

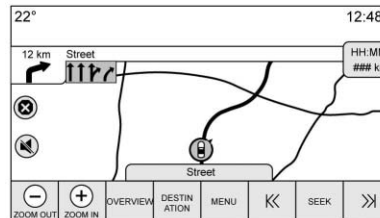
and the main volume is adjusted, the prompt volume will update and be saved.

Prompts During Phone Calls

When enabled, the system plays a shorter prompt while on a phone call. This setting can be configured as to whether a prompt would be heard during a phone conversation.

When this setting is Off, only the short alert tone is played when approaching the manoeuvre.

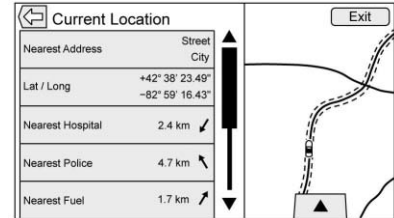
Voice Prompts Mute Icon



Touch the Mute icon on the left side of the map while in map view to turn voice prompts On or Off.

Current Location

Touch the Current Location option to display a Current Location list.



The following information is displayed on the Current Location list:

- Nearest Address
- Lat/Long
- Nearest Hospital
- Nearest Police
- Nearest Fuel
- Nearest Service

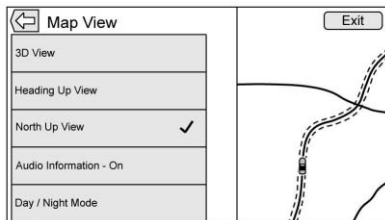
Touch any of the options to display the Destination Details view for the selected location to begin guidance.

24 Navigation

Touch the Nearest Address option and then Save to store the current location to the Address Book.

Map View

Touch to select the desired map view.



A checkmark appears to indicate a view has been selected.

3D View : The 3D View is a Heading Up view but it includes perspective. Map items will appear larger as the vehicle comes closer.

Heading Up View : The Heading Up View keeps the vehicle's current heading at the top of the view. The vehicle icon always faces the top of the view as the map rotates.

North Up View : The North Up View keeps north at the top of the view. The vehicle icon is placed in the centre of the view and rotates to indicate the heading for the vehicle.

Audio Information On/Off : Touch to turn the audio information view on or off from the main map view.

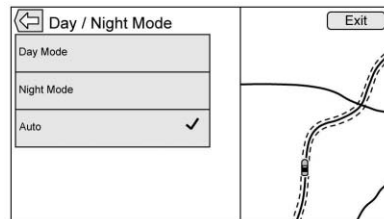
The audio status display contains:

- Station Frequency
- Artist Information
- Song Information
- ▶ / || or << or >> Station Controls

Touch the << or >> station controls to go to the next or previous strong signal station.

When the audio status pane displays Artist and Song Information, touch << or >> to go to the next or previous track based on the current media mode.

Day/Night Mode



Touch to access the Day/Night Mode menu.

The options are:

- Day Mode: Brightens the map background.
- Night Mode: Darkens the map background.
- Auto: Adjusts the display background automatically depending on the exterior lighting conditions.

3D Buildings On/Off : When 3D building information is available for a particular area, the icons are shown at a zoomed level. If the current vehicle position would be hidden by another building, the building is shown as see through so

the vehicle icon is visible. Touch to turn the 3D Buildings feature On or Off.

Autozoom On/Off : At certain zoom levels, street detail is removed to keep the view uncluttered. Touch to turn the Autozoom feature On or Off.

Routing Preferences

Touch the Routing Preferences list item to access the Routing Preferences menu. Options on how the routes are created for route guidance are listed on this menu.

Route Style

Touch this list item to change the route type preferences.

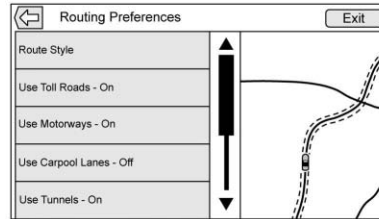
The options are:

- Fast (default)
- Eco Friendly (if equipped)
- Short
- Configure Eco Profile

The Configure Eco Profile can be used to configure two parameters for the Eco Friendly route. These parameters are roof load and trailer.

For each parameter, the options are None, Small, Medium, and Large. Touch to scroll through the list. The default for both is None.

These preferences are used for all routes generated.



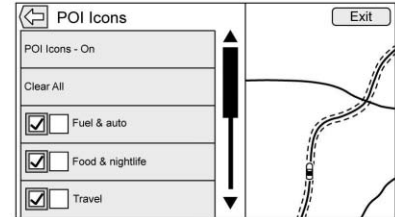
Route segment preferences are other options showing on the Routing Preferences menu.

These include:

- Use Toll Roads On/Off
- Use Motorways On/Off
- Use Carpool Lanes On/Off
- Avoid Slow Traffic On/Off
- Use Tunnels On/Off
- Use Time Restricted Roads On/Off

Display Places of Interest Icons

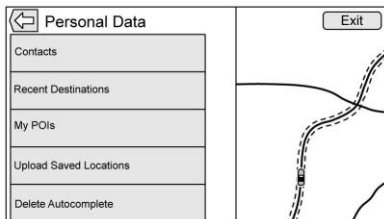
Places of Interest (POI) icons can be displayed on the map using this view.



- The POI icons can be turned On and Off. Touch the check box next to the POI icon to display the icon.
- Touch Clear All to reset the icons that are displayed on the map.
- A subcategory can be touched instead of the entire category. Touch the list item itself rather than the check box. The subcategories will display. Touch any of those categories to navigate down the hierarchy.

- When a higher-level category has some of its subcategories selected, the checkmark next to it is greyed out. This indicates that only some of the categories below are shown. Touch the greyed-out checkmark to turn all of the icons for that category on or off.

Personal Data



Data that the system has saved during the course of using the navigation system can be managed through:

- Contacts
- Recent Destinations
- My POIs (if equipped)
- Upload Saved Locations

- Delete Autocomplete

Contacts

1. Touch Delete All Entries to delete the entire list of contacts. A pop-up displays to confirm.
2. Touch Edit Contacts List to display the Contacts to edit.

Recent Destinations

- Touch Delete Individual Destinations to display a recent destinations list. Touch the individual entry to delete.
- Touch Delete All Destinations to delete the entire recent destination list. A pop-up displays asking to confirm the deletion.

My POIs

- Touch My POIs to display a menu of other options.
- Touch Delete Individual Categories. A My POIs category list displays.
- Touch the individual entry to delete.

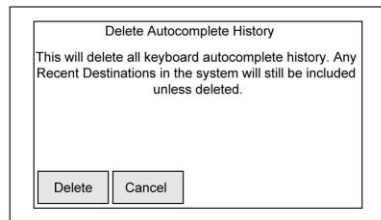
- Touch Delete All My POIs to delete the entire list of categories. A pop-up displays asking to confirm the deletion.

Upload Saved Locations

- Touch Upload Saved Locations to save the Vehicle Contacts list and any MyPOIs that have been saved to the vehicle.
- Once saved locations have been uploaded to a USB, they can be transferred to a different vehicle or restored to the current contacts list.

Delete Autocomplete

Touch Delete on the Delete Autocomplete History menu to clear personal data from the keyboard.



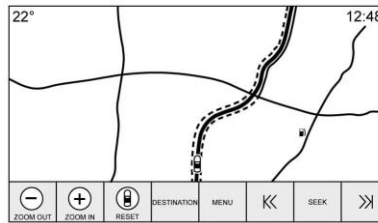
A pop-up displays a message to confirm deletion of all keyboard autocomplete history. When Delete is touched, the system clears all navigation addresses, POIs, etc. The autocomplete will not delete recent destinations. Touch Cancel to stop the process.

Map Adjustments

ZOOM +/- can be used to adjust the scale of view on the map. When the end of the zoom level is reached, ZOOM +/- will grey out.

The zoom scales can be configured for English or metric units. To change from English to metric, see “Instrument Cluster” in the owner’s manual.

Scroll Features



- To scroll within the map, touch anywhere on the map view.
- Nudge or slide a finger on the map; the map moves in the direction of the finger.
- Fling a finger on the map; the map will start scrolling in a short continuous scroll.
- Touch a location on the map; the map recentres to the location that was touched.
- Touch a location twice on the map: the map zooms in one level to the location that was touched.

- When the map is recentred away from being locked to the vehicle position, the crosshairs will show in the centre of the map. As the map continues to be recentred, the crosshairs will remain on the display. When the crosshairs are shown on the display, a callout with more information is shown. If the map is moved from the current location, the crosshairs will disappear along with the callout.
- Touch the callout next to the crosshairs and the Destination Details view is shown. From this view, route guidance can be received or saved to the vehicle’s contact list.
- When the map is re-centred, the straight-line distance from the vehicle to the selected point is displayed in the callout. In addition, a heading direction in the form of an arrow is displayed to indicate the direction. The arrow is shown in relation to the current vehicle heading.

- Touch a POI icon on the map: the name of the POI is shown in the address callout, along with the city name and country. If the callout is touched, the destination details view for the POI is shown.
- After panning the map away from the vehicle, touch the Reset icon to return the map back to the current position.
- Touch the Overview icon to quickly get a view of the entire route. The route Overview icon takes the place of the Reset icon during route guidance. Touch the Reset icon to return the map to the current position.

Maps

The map database is stored in the internal flash memory that is used in the navigation system.

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 motorways, service roads, and residential roads. The detailed areas include Places of Interest (POIs) such as restaurants, airports, banks, hospitals, police stations, petrol 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.

Navigation Symbols

The following are the most common symbols that appear on a map view.



or



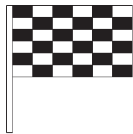
The vehicle symbol indicates the current position and heading direction of the vehicle on the map. When under route guidance, a circle with an arrow is added to the vehicle symbol which indicates the direction to the destination.

Vehicle Address Callout

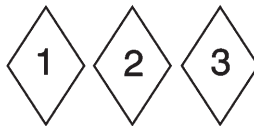
Tap the vehicle icon, to have the current address of the vehicle overlaid on the map next to the vehicle icon in a callout. Another tap hides the information.

Any address information about the vehicle's current location will show, including the street, city and country names.

Touch this callout to save the current address to the vehicle address book.



The destination symbol marks the final destination after a route has been planned.



The waypoint symbol marks one or more set waypoints.

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



The estimated time to the destination displays. Touch the Arrival icon to toggle between duration and distance to the destination.



This symbol indicates the recommended manoeuvre that should be performed. Touch it to display the turn list or waypoint list.



The No GPS symbol appears when there is no Global Positioning System (GPS) satellite signal. When the GPS is gone, the vehicle position on the map may not be accurate.

Autozoom

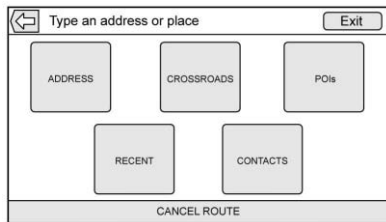
As a manoeuvre is being approached, the map automatically zooms in to give greater detail.

If lane guidance is available for the manoeuvre, this is also shown.

When the system begins to autozoom, it zooms in to its minimum level. After the manoeuvre is performed, the system slowly zooms back out.

Destination

If route guidance is not active, touch the Nav icon on the Home Page to access the map view. Touch the Destination icon from the map view to enter a destination. Available methods of entering a destination are Voice Recognition, Address, Recent Destination, Contacts, and POIs. Several options can be selected to plan a route. Some destination items may be greyed out if no destination was previously entered or saved.



Touch Destination on the infotainment display to go to the destination entry views.

Available Methods of Search

- Address (entries by hierarchy)

- Intersection
- Places of interest (POIs)
- Recent (destinations)
- Contacts

Touch the Destination icon on the infotainment display and the last used destination view is shown.

This mode is retained. The initial default is Address.

Navigation Next Turn Manoeuvre Alert

The navigation system may need to get the attention of the driver in certain situations.

If the navigation application is not open when a near manoeuvre prompt is given, it is shown as an alert. The alert contains the turn indicator to show the main navigation view, or dismiss the alert.

The alert also contains the name of the street to turn on and a countdown bar.

Auto-Capitalisation

The shift key is automatically enabled when a full stop is entered on the keyboard. Once the first character is typed after the full stop, the next character will change to lower-case.

Alpha-Numeric Keyboard

The keyboard is used in multiple locations throughout the system and can be used with many features.

The navigation system uses the keyboard's alpha-numeric keyboard.

The keyboard can also be modified to include characters appropriate for the region configured in the vehicle settings.

✓ : Touch to search for the destination details of an address or place of interest entered in the text field. Once ✓ is touched, the activity indicator displays in the list of possible matches.

▽ : Touch to display a list of matches.


When there are multiple matches, a dropdown arrow is shown after the autocomplete text. This dropdown displays an entire list of matches. Touch the appropriate match without having to enter more text.


X : Touch to delete the last typed character. Touch and hold this icon to clear the entire text field. If the entire text field has been deleted, this icon becomes an Undo option. Touching Undo will restore the deleted text.

Exit : Touch to return to the previous Map view.

SYM : Touch to show the symbol keyboard.

Space : Touch to enter a space between characters or the words of a name.

 : Touch to display the interaction selector.

 : If equipped, touch to switch between Alpha-Numeric Keyboard and Character Recognition.

Special Characters

As the characters are typed on the keyboard, a pop-up of the letter touched displays above the key that was touched.

Continue to touch and hold, and any additional special characters associated with that letter are displayed around the current letter. To select one of the special characters, slide a finger left or right to adjust the highlight of the special character.

Special Character List

The following characters have special characters beneath them:

E - É Ê Ë Ì Í Î Ï	More Characters:
Y - Ÿ	0 - °
U - Ů Ú Û Ü Ů	! - ¡
I - Ĩ Ĵ Ķ Ĵ	\$ - ¥ £ ¢
O - Ō Ø Œ Ő Ó Ô Õ Ö	& - §
A - Ā Ă Ą Ǻ Ǽ Ǻ Ǻ	" - « »
S - ß (for lowercase s) Š Š	? - ¿
L - Ł	{ - { {
Z - Ž Ž Ž	} - }
C - Ć Ć Ć	.com - .net .org
N - Ñ Ñ	
- - ...	

Character Handwriting Recognition

Character handwriting recognition is offered as an alternative to using a keyboard. This character input method allows the drawing out of characters instead of picking them out from the keyboard. Character handwriting recognition has two main modes, upper case and mixed case. The upper case mode is used for Destination Entry while mixed case is used for all other character entry modes. This feature is available by touching the globe icon from the keyboard.

The Handwriting Recognition display is split into different zones:


- **Drawing Pad:** This is the area to draw a character. Draw a character in the display area.

When the first character is complete, a representation of that character can be seen, and there is an audible response. If the character is correct, the next character can be started immediately.

- To delete the last entered character, draw a line from left to right across the character field.
- To create a space, draw a line from right to left across the character field.
- **Prioritised Guess List:** This area displays a list of guesses for the character drawn. If character recognition displays the incorrect character, look at this list and see if the desired character is available to select. Scroll up or down the list, then highlight the desired character. Selecting a character from the list will replace the incorrect character with the desired character. The character is displayed in the character entry section of the display.
- **Character Entry:** This is the area across the top of the display. This section can look different depending on which feature is being used.

Option Settings

This section is an area on the right side of the Character Recognition display. This section will only look different if the characters showing on the display are in upper case or mixed case.

- : Touch from the display. The draw speed setting will adjust the speed of the character recognition feature. The settings are: Faster, Default, and Slower.
- **Audio Feedback:** Touch to turn Audio Feedback On or Off.
Audio feedback is an audible response to an action that has occurred while using the Character Recognition.
- **ABC/abc:** Touch from the display to view the available character sets. Touch a character set to change. Multiple character sets may not be supported by some regions. This icon also displays the sentence case of upper or lower case characters that are currently active in a mixed case mode.

If only one character set is available for the desired region, touching the character recognition will only open and close the character recognition window.

If mixed case character mode is supported, the last characters of character recognition will be upper and lower case.

One-Shot Search

Enter a full or partial Address, Contact, or POI into the search bar and the system will search and display all of the matches.

The contacts that are searched include both the connected phone's contacts list and the vehicle's contacts list.

Search Process

The process of prioritising the search is to help shorten the length of time at finding the results. If there is a 100% match found when a search type is carried out, the remaining searches abort.

The system conducts the search in the following order:

1. Vehicle Contacts List
2. Connected Phone Contacts List
3. POIs
4. Addresses

The Contacts are done first because the list will be relatively short and can be done quickly.

POIs are done next because the amount of time it takes to search for the average POI is consistent. The less deviation during a search would mean an average of less time taken.

The Addresses are last because the standard deviation for an address search is very large. Some address searches are very quick, but others may take a very long time. Because of this, the address search would not be conducted unless a good match could not be found in either Contacts or POIs.

Autocomplete

The autocomplete is preloaded with all recent destinations and POI category names. Previous POI name searches are remembered.

If only one type of result is found, the single type result is shown. Within each group, they are listed in confidence order. This means the highest confidence result will be at the top.

If multiple types of matches are found, the result list with the highest confidence match displays.

Address and Contact matches are shown in full width list format. The match results will display unique icons for full addresses, streets, crossroads, cities, and countries.

POIs show in a split list format with the map on the right displaying the locations of the matches. The brand icon or category icon will display for the match results.

When a list displays, the results for a particular type can be filtered by touching the filters along the top of

the display. If there are no particular results for a selected type, a message is indicated in the list.

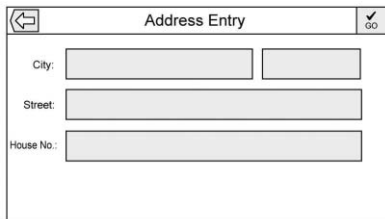
For example:

- For no addresses: “No Addresses Found Within <country>”
- For no POIs: “No POIs Found Within <75 km/50 mi/ 800 km/ 500 mi>.” This distance is shown depending on what radius is completed and what current units are touched.
- For no contacts: “No Contacts Found.”

The system performs partial searches on contacts, so typing a first name or last name would find a match. The entire contact name does not need to be entered for it to be found in a search.

Touching a contact listed on the results list displays the standard contact details view to touch an item, such as an address to start routing or a phone number to place a call.

Address



- A destination can be searched by typing out the address, intersection, highway, or motorway entrance ramps on the keyboard. This information is typed and displayed in the information field. Touch the Search icon to start the search.

For example:

City: Crawford

Street: Main Rd

House #: 12334

- Country information does not have to be included in the search field if entering an address that is located in the same country.

- Whenever the keyboard view is entered, the last text that was typed, even if it was not searched on, will display.

- A partial or complete address can be typed in the search field. If a partial address is typed, the system attempts to use local knowledge to fill in additional information. For example, if no city name or country are given, the system assumes a search for something in the current city or a nearby city in the current country. The system is also capable of recognising address formats according to other regions.

If a destination address or location being entered is outside of the country, the country abbreviation must be added after the address.

Spelling Mistakes

The system is able to offer alternatives if the searched term is not found exactly. The system uses the closest term it finds and provides those results.

The system first searches the entered term exactly. If no matches are found, partial words are used.

Search in Process

Touch the Search icon, and the results display with the activity indicator. There is a non-selectable list item in the list that says “Searching” to indicate that it is in process.

Once the results are found, the correct list will display.

No Results Found

If no results are found from an entered search term, a pop-up displays indicating there are no results found. Touch OK to return to the keyboard view.

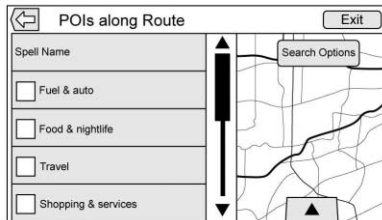
Results Display

If only a single match is found at the end of a search, the list is not shown but the Destination Details view is shown. Touch Back from the Destination Details view to go back to the results list. If it was a POI

search, the Continue POI Search icon is available in case that was not the desired POI.

Places of Interest (POI)

While at the Home Page, touch the Nav icon to display a view of the map. Touch the Destination icon on the infotainment display to go to the destination entry views.



1. Touch the POIs option to display a list of POI categories.

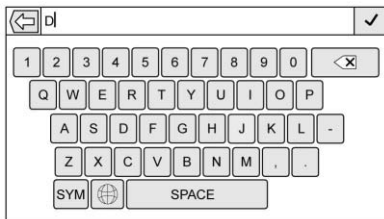
The first list item in every POI list is a search function. For the highest level of categories, touch the Spell Name option or touch a category and search within that selection.

2. Touch a POI category to display subcategories.

3. If a touched subcategory has no results in the surrounding area, the search is expanded until a result is found.
4. If a high-level category is touched, such as restaurants, the map zooms in to the region near the vehicle's position to show the nearest matches. When a list displays, it can be filtered for a particular type by touching the filter along the top of the display. If there are no particular results for a touched filter type, it is indicated in the list.
5. Pan or zoom the map using the finger gestures to minimise the POI list and to interact with the map. The icons that were shown before continue to be displayed and updated. The list is also updated based on where the map was panned or zoomed. The search for POIs is constrained to where the map has been moved to.
6. If the search map is touched to recentre, the crosshairs are shown to indicate the centre of the new search location. If a POI icon is touched on while in the full expanded map, a callout for that location is displayed. Touch the callout to display the Destination Details view.
7. Touch the map reset icon to return the map to automatic zooming and searching. It is recentred around the vehicle's position, the route, the destination, or another location that was specified for the search. The map Reset icon is only displayed if the map was manually adjusted.

If multiple types of matches are found, the All list is shown with the results sorted by confidence order with the highest confidence result at the top.

Using the Keyboard



The POI can be searched by entering a POI name, category, name and category, or phone number on the keyboard.

For example, enter the information as:

POI Name: Worldwide Food

POI Category: Restaurants

POI Name and Category:
Worldwide Food Restaurants

POI Phone Number: 0001222555

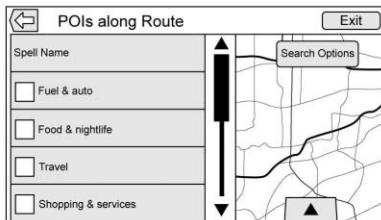
Additionally, a location may be entered if the POI is not nearby. This search will then be made around the location that is given.

For example, enter the information as:

POI Name and Location:
Worldwide Food Chicago IL

The POI keyboard search results will display in the order in which they were found.

POI Search Location



If browsing for POIs or searching for results on a keyboard in a different location from a previous search, touch Search Options on the map view to specify a different location.

Touch an option displayed on the Select Search Area menu.

- POIs Along Route
- POIs Nearby
- POIs Near Destination
- POIs at Another Location

Favourite POIs

Locations, categories, or a particular POI chain ID can be saved as Favourites in the POIs view.

Drag  up to display the favourites.

Touch a preset, then touch and hold the category to be stored. Whenever a set of POIs is grouped, such as in a category, the whole category is saved in the favourites for recall. Whenever a set of POIs that belong to the same chain ID is saved in the favourites, a POI chain saving pop-up message displays asking to save only that location, or to save the entire chain. POIs are only grouped by chain when the sorting order is Alphabetical. Touch Sort to change the sorting order.

Recalling a POI Category or Chain

If a POI category or chain favourite is recalled, the system displays a list of matching results defaulting to nearby, but allows a search of other locations. Touch the Search Options option to specify a different location.

Creating and Downloading Predefined POIs (My POIs)

In addition to the POIs already stored in the infotainment system, predefined POIs can be created.

While creating a predefined POI, the GPS coordinates for longitude and latitude of the POI's location and a descriptive name will need to be entered.

After creating the predefined POIs, they can be downloaded to the infotainment system from a USB device.

Once downloaded, the POI data becomes a selectable destination in the My POIs menu.

Creating a Text File with Information

Create a text file by using a simple text editor software. Save this file with a name and extension of .csv, for example, "TomsPOI.csv."

Enter the POI information into the text file in the following format:

- Longitude coordinate, Latitude coordinate, "Name of POI", "Additional information", "Phone number."

Example: 7.0350000,
50.6318040, "Michaels Home",
"123 Maple Lane",
"02379234567."

- The GPS coordinates must be expressed in decimal degrees and can be taken from a geographical map. The additional information and phone number strings are optional.
- The POI name and the additional information string may not exceed 60 characters.
- POI information for each destination address must be entered in a single separate line.

Storing the POI on a USB Device

In the root directory of a USB device, create a folder name "myPOIs," for example, "F:\\" is the root directory of the USB device.

In the "myPOIs" folder, store the text file with your POIs, for example, "F:\myPOIs\TomsPOIs.csv."

Downloading the POI to the Infotainment System

Connect the USB device containing the POI information to the USB port of the infotainment system.

A message displays prompting whether or not to download the POI information from the USB device. All POIs found are saved even if they are in multiple folders.

Subfolders can also be created to organise the POIs into categories, for example, "F:\myPOIs\Restaurants\TomsPOIs.csv."

If the message is dismissed or ignored, no POI information is downloaded. This prompt will not recur for the current ignition cycle.

When the system is finished downloading, a pop-up displays asking to specify a category for the new POIs, if desired.

Importing and Overwriting Categories

When POIs are found on a media device, the date of the file is examined and compared to the date for the files already in the system. If the file being downloaded is newer than the one on the system, that particular category of POIs is overwritten. Any other POIs that had previously been saved in other categories are not affected.

Address Book Download

If an Address Book is found on the connected USB device, the same alert is used to indicate that locations have been found and they can be downloaded. If there is already content in the vehicle Address Book, the system prompts if the stored content should be overwritten. Touch Save to overwrite the existing Address Book information. Touch Cancel to abort the import of information.

Browsing Downloaded POIs

Access the downloaded POIs by touching the My POIs option in the POIs list.

Editing My POIs

Downloaded POIs can be edited at a category level. These POIs can either be deleted as an entire category or be reassigned as another category. To edit the categories:

- Touch Edit at the main category view to edit the POIs. Edit icons display next to each category name. There is no POI browsing in this mode. Only edit functions are available.
- Once an action such as deleting or reassigning has been selected, the changes are saved immediately.

Changing POI Categories:

POI categories can be assigned to a different category by using the same method as assigning a category for an Address Book entry. When

editing, the right side of the infotainment displays the current category name.

Deleting POI Categories

POI categories can be deleted by touching Edit and then Delete. A pop-up displays to confirm the deletion.

Saved Destinations

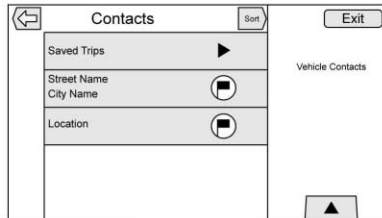
Touch a saved destination from the Contacts or Recent Destinations.

Contacts

Touch the Contacts option to view the vehicle's contact list or a connected Bluetooth device. If a particular contact has a single address associated with it, that contact has a Quick Route icon next to it. Contacts without this Quick Route icon either have multiple addresses or no address at all. Touch the Quick Route icon to go to the Destination Details view.

Touch on an address, either from the Quick Route on the contact list or a specific address from the

contact detail list, to go to the destination view showing that address on the map.



Trips from Contacts can be saved and recalled. The order is based on when the trip was last used. When the trips are saved, they are given a default title of the final destination name. If there are no saved trips, this option is hidden.

Adding a New Contact

When creating a new contact, the navigation system automatically saves all data from the selected location into a new contact.

The information saved will store as:

- Location Name saved as First Name

- Phone Number saved as Work
- Address saved as Work
- POI Information saved as Notes
- Category saved in Category Field

After touching Create New Contact, the newly created contact is then displayed.

Favourite Destinations

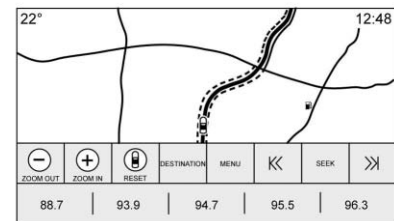
- Destinations can be saved as Favourites for recall later. Depending on the favourite, when an address or POI favourite is recalled, the Destination Details view is shown.
- When a favourite address is being routed to, it is shown active. Touch on the active favourite, to suspend that route.
- Save locations as Favourites for recall later in the Destination Details view.
- Save trips from the Address Book.

Storing Favourites from the Contact Details List

A contact name or any of the contact's information such as phone number or address from Contact Details can be stored as a Favourite.


- Touch and hold on the favourite location while viewing a contact on the Contact Details List. The contact name and all contact information can be stored.
- Touch to save as a favourite. The favourite label will be the name of the contact.
- Touch on the Favourite to display the destination view.

Storing Favourites from Map

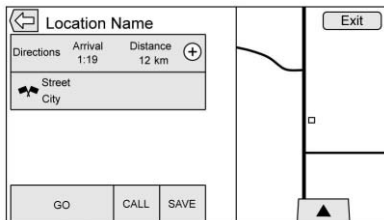


Favourite locations can be stored from the map view.

If not under route guidance, the current vehicle location will be saved as a Favourite. If under route guidance, the final destination will be saved.


Drag  up to display the Favourites. Touch and hold on the favourite location from the map view to store it.

Route Guidance



- Touch Go to go to the main navigation view and to start route guidance.
- If the system has an active route, a pop-up will display, “What would you like to do with

this destination?” The options are: Add As Waypoint, Set New Destination, or Cancel.

- If a waypoint is added, it is placed in the location that leads to the most efficient route.
- There is a maximum number of waypoints that can be added to the system. When the maximum number of waypoints has been reached, a pop-up displays indicating that a waypoint must first be deleted before a new one can be added. The system will hold this waypoint into a Pending Waypoints list and it will automatically be added to the route once a position is available, either by arriving at a waypoint, or by deleting one.
- To save a location, drag  up to display the Favourites. Touch and hold a preset to store the shown location as a favourite.

Estimated Time of Arrival (ETA) and Distance

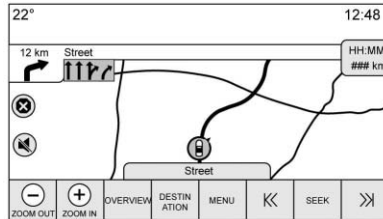
- When under route guidance, the system shows the ETA or travel time, or the driving distance.
- The ETA and travel time are calculated using any available traffic information.
- If in a waypoint trip, the ETA, travel time, and driving distance are all shown relative to the final destination.
- The final ETA is shown taking into consideration any time zone crossings that the route has travelled through.
- Touch the ETA information area to switch between the estimated arrival time, total driving time resulting, and driving distance.

Current Street Name

The current street name that the vehicle is driving on is displayed near the bottom centre of the display.

When driving off-road or on an unknown road, “Off Road Location” displays.

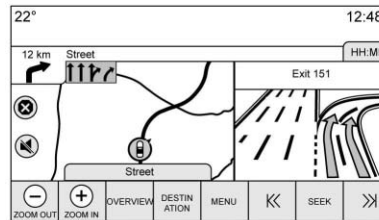
City Lane Guidance



When a manoeuvre is approached that has city lane guidance information, it replaces the normal manoeuvre indicator.

The arrows will expand toward the centre of the display so that the manoeuvres can be identified in an easier way.

Highway Lane Guidance



The junction view image appears on the right-hand edge of the display and temporarily covers the Distance information. The current vehicle position and street name is moved left and centred in the available map display when this is displayed.

Off-Road Mode

When the vehicle is off-road, the system displays the off-road arrow in the turn indicator and displays “Off Road Location” in the street name field.

Destination Arrival


The route review information displays in the turn indicator location and the destination address displays in the street name field.

Audio Information

The audio information remains in the same position in the lower right corner of the display.

The current street name information remains in the same location, but will truncate if needed.

Turn List

Touch on the next turn indicator shown on the map to display the turn list or waypoint list. The interaction selector is minimised automatically. Drag  up to display the following options:

Destination

Touch the Destination icon on the infotainment display to add a waypoint or change the destination while viewing the turn list. When the Destination icon is touched, the display shows the Destination menus.

End Guidance

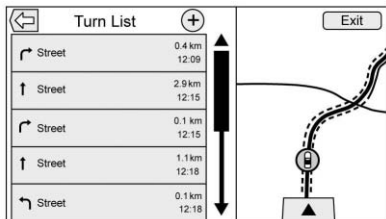
Touch the End Guidance option to suspend the current route in the turn list. When the End Guidance option

is touched, the turn list is exited and the display returns to the main map view.

Avoid Areas

Touch the Avoid Areas option to select the motorway name that is to be avoided. The system shows a pop-up asking how many miles or if the entire road should be avoided.

Turn List



- When under a waypoint trip, touch the Turn List option to show the turn list. When entering a turn list, the next manoeuvre instruction is spoken.
- The turn list title is the name or address of the destination. Touch the information icon next

to the name of the destination to display the destination information.

- The turn list is sorted in order with the next manoeuvre at the top of the list and the subsequent manoeuvres listed below it. The next manoeuvre is always highlighted upon entry into the Turn List to quickly show what the next manoeuvre is.
- Each manoeuvre indicates the distance between it and the previous manoeuvre or the vehicle's current location. The next manoeuvre at the top will count down until the manoeuvre is reached, and then the next manoeuvre will begin to count down.
- Each manoeuvre has an estimated time of arrival based on the current driving conditions.

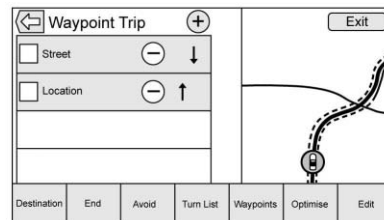
Saved Trips

Waypoint trips can be saved for later recall. Touch the Add icon in the waypoints list to save the trip to the Saved Trips list in the vehicle's

contacts list. When trips are saved, they are given a default title of the final destination. Saved trips can be edited by touching the Edit icon to access the edit display for the saved entry. The only field that can be edited is the name field. Touch the name field to access the keyboard view. Type the name change. This change is automatically saved when executed by the keyboard.

The saved trip can also be deleted from the edit mode. Touch the Delete icon and a delete confirmation pop-up will appear.

Waypoints



- When under a waypoint trip, touch the next turn indicator to bring up the waypoint list. The

last waypoint view is shown, which could be Waypoints, Turn List, or Edit Route.

- The waypoint list is sorted in order with the next waypoint at the top of the list. Each waypoint is indicated with a numbered icon, starting with the next waypoint.
- To indicate what segment of the route is for the next waypoint, and what is for the remainder of the route, they appear in different colours.

Optimised Route

- Touch the Optimise option to optimise the current waypoint trip.
- The optimisation is done according to how the preferences are set for new routes, for example, fastest route, shortest distance, or eco friendly.
- While the system is optimising the route, the waypoint trip has the activity indicator displayed over top of it. If the system is

calculating the ETA and travel distance for a waypoint, the activity indicator is displayed in the list header.

- When either a waypoint trip is first created, or additional waypoints are added to an existing waypoint trip, they are added in the location that would lead to an optimised route.
- If a destination is already planned and a waypoint is added, it is either added before or after the current destination, whichever leads to the most optimal route.
- If under an existing waypoint trip consisting of two or more destinations, any additional waypoints are added in the location that would lead to the most optimal route.

Edit Route

- Touch the Edit Route option to modify the order or remove a waypoint from the route. Touch Delete to remove a waypoint from the route.

- A pop-up displays asking for confirmation of the waypoint deletion.

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. If an OnStar Turn-by-Turn route is in progress, all other internal navigation functions are disabled until the route is completed.

When navigation is touched, the OnStar Turn-by-Turn displays.

Turn-by-Turn Navigation

Touch the Menu icon on the infotainment display to go to the Turn-by-Turn Menu.

The following options display:

- Plan Route (if the vehicle is off the route)
- Cancel

Plan Route

Touch My Destination to display a special version of the Manoeuvre View. The Destination Address is displayed in the Street Name and the total distance to the destination is displayed in the Distance to Manoeuvre View. Touch Done to return to the Manoeuvre View.

Cancel 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 cancelled.

An OnStar Advisor can cancel the vehicle navigation system route. Route guidance can be resumed by touching the Resume to option in the Map Menu.

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 on the map screen. See *Navigation Symbols* ⇨ 28.

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* ⇨ 45 and *If the System Needs Service* ⇨ 45.

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 travelling 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 travelling at high speed.
- The vehicle changes directions more than once, or the vehicle is turning on a turn table in a car park.

- The vehicle is entering and/or exiting a car park, garage, or a car park with a roof.
- The GPS signal is not received.
- A roof carrier is installed on the vehicle.
- Tyre chains have been installed.
- The tyres are replaced or worn.
- The tyre pressure is incorrect.
- This is the first navigation use after the map data is updated.
- The 12-volt battery is 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* ⇨ 28.

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* ⇨ 45.

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 your dealership.

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* ⇨ 46.

Voice Recognition

Voice recognition allows for hands-free operation within the navigation, audio, phone, and weather applications. This feature can be started by pressing  on the steering wheel controls or by touching the  icon on the infotainment display.

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 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 pressing one or two controls, and are not supported by voice commands.



In general there are flexible ways to speak commands for completing the tasks. Most of them, except

destination entry and voice keypad, can be completed in a single command. If the task takes more than one command to complete, the first command should be to indicate the kind of task to be performed, like “Navigation Destination Entry.” The system replies with prompts that lead you through a dialogue to enter the necessary information. For example, if a destination for route guidance is needed, say “Navigation” or “Destination Entry.”



Voice recognition can be used when the ignition is on or when Retained Accessory Power (RAP) is active. See “Retained Accessory Power (RAP)” in the owner’s manual.

Using Voice Recognition

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

1. Press  on the steering wheel controls to activate voice recognition, or touch the  icon on the infotainment display.

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.

Press  to interrupt any voice recognition system prompt. For example, if the prompt seems to be taking too long to finish, press  again and the beep should happen right away.

There are two voice prompt modes supported:

- Long verbal prompts: The longer prompts provide more information regarding the supported actions.
- Short prompts: The short prompts provide simple instructions about what can be stated.

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 will be corresponding displays. Manual interaction in the voice recognition session is permitted. Interaction during a voice session may be completed entirely using voice commands, or some selections may expedite a session. If a selection is made using a manual control, the dialogue will progress in the same way as if the selection was made through a voice command. Once the system is able to complete the task, or the session is terminated, the voice recognition dialogue 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.

Cancelling Voice Recognition

- Touch the Home Page. Touching this icon will terminate a voice recognition session that was initiated by touching the icon on the infotainment display.

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


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.

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

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

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 .

- Speak the command naturally, not too fast, not too slow. Use direct commands without a lot of extra words.
- Usually Phone and Audio commands can be spoken in a single command.
For example say, “Call <name> at work,” “Play” followed by the artist or song name, or “Tune” followed by the radio station number.
- Navigation destinations are too complex for a single command. First, say a command that explains the type of destination

needed, such as “I want directions to an Address,” “Navigate to an Intersection,” “I need to find a Place of Interest or POI,” or “Directions to a Contact.” The system responds by 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.”

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

There is no need to memorise specific command words. Direct commands might be more clearly understood by the system. An example of a direct command would be “Call <number>”. Examples of these direct commands are displayed on most of the screens while a voice session is active. If “Phone” or “Phone Commands,” is

stated, the system understands that a phone call is requested and will respond with questions until enough details are gathered.

If the phone number has been saved with a name and a place, the direct command should include both, for example “Call <name> 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. A selection can be made by manually touching the option, or by speaking the line number for the item to select.

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

Manually scrolling or paging the list on a display during a voice recognition session suspends the

current voice recognition event and plays the prompt “Make your selection from the list using the manual controls or touch the Back icon on the infotainment display to try again.”

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

The Back Command


Say “Back” or touch the Back icon on the infotainment display to go to the previous menu.

When in voice recognition and you state “Back” all the way through to the initial display, and then you state “Back” once more, the voice recognition session will cancel.


Help

Say “Help” on any voice recognition display and the help prompt for the display is played. Additionally, a pop-up displays a text version of the help prompt. Depending on how voice recognition was initiated, the

Help pop-up will either display on the instrument cluster or the infotainment display. Touch the Dismiss option to make the pop-up go away.

Pressing  on the steering wheel controls 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

Some audio displays have a voice recognition icon () to launch audio voice recognition. If the voice icon is touched in a radio display, the voice commands for radio and media features 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 DAB” : Switch bands to DAB and tune to the last DAB radio station.

“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 o one point one”).

“Tune to <DAB frequency> DAB” : Tune to the radio station whose frequency is identified in the command (like “one o one point one”).

Voice Recognition for Audio MyMedia

If browsing MyMedia when the voice icon is touched, the voice recognition commands for MyMedia features are available.

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

“Play Artist <artist name>” : Begin playback of the media selection identified in the command.

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

“Play Album <album name>” : Begin playback of the identified album name in the command.

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

“Play Song <song name>” : Begin playback of the identified song name in the command.

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

“Play Genre <genre name>” : Begin playback of the media selection identified in the command.

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

“Play Playlist <playlist name>” : Begin playback of the identified playlist in the command.

“Play <device name>” : Play music from a specific device identified by name. The device

name is the name shown on the display when the device is first selected as an audio source.

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

“Play Chapter <chapter name>” : Begin playback of the media selection identified in the command.

“Play Audiobook” : Begin a dialogue to enter a specific name.

“Play Audiobook <audiobook name>” : Begin playback of the media selection identified in the command.

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

“Play Episode <episode name>” : Begin playback of the media selection identified in the command.

“Play Podcast” : Begin a dialogue to enter a specific name.

“Play Podcast <podcast name>” : Begin playback of the media selection identified in the command.

“My Media” : Begin a dialogue 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 song titles by voice at the highest level if the number of songs exceeds the maximum limit.

Voice command option changes through media content limits are:

- Song files including other individual files of all media types such as audiobook chapters, podcast episodes, and videos.
- Album type folders including types such as albums and audiobooks.

There are no restrictions if the number of song files and albums is less than 4,000. When the number of song files connected to the

system is between 4,000 and 8,000, 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 4,000 albums, but less than 8,000, 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 songs has exceeded approximately 8,000, 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 4,000.

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 initialising process.

Voice Recognition for Navigation

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

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

“Destination Address” : Begin a dialogue to enter a specific destination address, which includes the entire address consisting of the house number, street name, city and country.

“Destination Crossroad” : Begin a dialogue to enter a specific destination intersection.

“Destination Place of Interest” : Begin a dialogue to enter a destination Place of Interest category or major brand name (if equipped).

Not all brand names of businesses are available for voice entry. Most major chains, such as chains with more than 20 locations, should be available to search for by name, but 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.

“Destination Contact” : Begin a dialogue to enter a specific destination contact name.

“Cancel Route” : End route guidance.

Voice Recognition for the Phone

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

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

“Call <phone number>” : Initiate a call to a phone number such as seven digits or 10 digits in length.


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

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

“Voice Keypad” : Begins a dialogue 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 dialling the number.

“Voice Mail” : Initiate a call to voice mail numbers.

Voice Pass-Thru

Voice pass-thru allows access to the voice recognition commands on the mobile phone, for example, Siri or Voice Command. See the mobile phone manufacturer’s user guide to see if the mobile phone supports this feature. To activate the phone voice recognition system, press and hold  on the steering wheel for a few seconds.

Phone

Bluetooth (Overview)

The Bluetooth-capable system can interact with many cell phones, allowing:

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

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

- Become familiar with the features of the mobile phone. Organise 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 phone(s) to the vehicle. The system may not work with all mobile phones. See "Pairing" in this section.


Vehicles with a Bluetooth system can use a Bluetooth-capable mobile phone 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 the ignition is on or in ACC/ACCESSORY. The range of the Bluetooth system can be up to 9.1 m (30 ft). Not all phones support all functions and not all phones work with the Bluetooth system. See your retailer for more information about compatible phones.

Bluetooth Controls

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

Steering Wheel Controls

 : Press to answer incoming calls, confirm system information, and start voice recognition.

 : 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 *Using the System* ⇨ 6.

Phone : Touch this icon on the Home Page to enter the phone main menu.

Audio System

When using the Bluetooth system, sound comes through the vehicle's front audio system speakers and overrides the audio system. Turn the volume knob during a call to change the volume level. The adjusted volume level remains in memory for later calls. The system maintains a minimum volume level.

Bluetooth (Infotainment Controls)

For information about how to navigate the menu system using the infotainment controls, see *Using the System* ⇨ 6.

Pairing

A Bluetooth-enabled mobile phone must be paired to the Bluetooth system and then connected to the vehicle before it can be used. See the mobile phone manufacturer's user guide for Bluetooth functions before pairing the mobile phone.

Pairing Information

- A Bluetooth phone with music capability can be paired to the vehicle as a phone 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 mobile

phone changes or the mobile phone is deleted from the system.

- One Bluetooth device can be connected to the Bluetooth system at a time.
- If multiple paired cell phones are within range of the system, the system connects to the paired cell phone in the order that they were last used in the system. To link to a different paired phone, see "Linking to a Different Phone" later in this section.

Pairing a Phone

1. Touch the Phone icon on the Home Page.
2. Touch Phone and then touch Pair Device.
3. A four-digit Personal Identification Number (PIN) appears on the display. The PIN, if required, may be used in Step 5.
4. Start the pairing process on the mobile phone to be paired to the vehicle. See the mobile

phone manufacturer's user guide for information on this process.

5. Locate "Chevrolet MyLink" on the display. Follow the instructions on the mobile phone to enter the PIN provided in Step 3 or confirm the six-digit code shown on the display. After the PIN is successfully entered or the code is confirmed, the system responds with "<Device name> has been successfully paired" when the pairing process is complete.
6. If "Chevrolet MyLink" does not appear, turn the phone off or remove the phone battery and retry.
7. If the 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.
8. Repeat Steps 1-7 to pair additional phones.

Listing All Paired and Connected Phones

1. Touch the Phone icon on the Home Page.
2. Touch Phones.

Disconnecting a Connected Phone

1. Touch the Phone icon on the Home Page.
2. Touch Phones.
3. Touch **X** next to the phone to disconnect.

Deleting a Paired Phone

Only disconnected phones can be deleted.

1. Touch the Phone icon on the Home Page.
2. Touch Phones.
3. Touch **⊖** next to the phone to delete and follow the on-screen prompts.

Linking to a Different Phone

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

1. Touch the Phone icon on the Home Page.
2. Touch Phones.
3. Touch the new phone to link to from the not connected device list.

Switching to Handset or Handsfree Mode

To switch between handset or handsfree mode, touch the Phone icon on the Home Page to display Call View.

- While the active call is hands-free, touch the Handset option to switch to the handset mode. The option changes to Handsfree once the Bluetooth device confirms it is operating as handset.
- While the active call is handset, touch the Handsfree display to switch to the hands-free mode. The option changes to Handset once the Bluetooth device confirms it is operating as handsfree.

Making a Call Using Contacts and Recent Calls

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

When supported, the Contacts and Recent Calls menus are automatically available.

The Contacts menu accesses the phone book stored in the mobile phone.

The Recent Calls menu accesses the recent call list(s) from your mobile phone.

To make a call using the Contacts menu:

1. Touch the Phone icon on the Home Page.
2. Touch Contacts.
3. Touch the name to call.
4. Touch the desired contact number to call.

To make a call using the Recent Calls menu:

1. Touch the Phone icon on the Home Page.
2. Touch Recent.
3. Touch the name or number to call.
4. If necessary, select between Missed, Recent, and Sent calls by touching View in the top right corner of the list.

Making a Call Using the Keypad

To make a call by dialling the numbers:


1. Touch the Phone icon on the Home Page.
2. Touch Keypad and enter a phone number.
3. Touch Call to start dialling the number.

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 a few ways to accept a call:

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

Declining a Call

There are a few ways to decline a call:


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

Call Waiting

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

Accepting a Call


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

- Press  on the steering wheel controls.

- Touch Switch on the infotainment display.

Declining a Call

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

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

Switching Between Calls (Call Waiting Calls Only)

To switch between calls, touch the Phone icon 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 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, touch Add to add another call.

2. Initiate the second call by touching from Recent, Contacts or Keypad.
3. When the second call is active, touch Merge to conference the three-way call together.
4. Once all calls are merged, the Merge option becomes an Unmerge option. Touch to unmerge the calls. Some wireless service carriers may not allow a merged call to become unmerged.


Ending a Call

- Press  on the steering wheel controls.
- Touch End on the infotainment display to end all existing calls, or touch End next to a call to end only that call.

Some wireless service carriers may not allow a merged call to become unmerged.

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.

1. Touch the Phone icon on the Home Page.
2. While in the Call View, touch  to raise the interaction selector.
3. Touch Keypad and enter the number.

Voice Mail

The default voice mail number is the phone number of the currently connected phone. The voice mail number can be changed in Bluetooth settings.


To dial a voice mail number:

1. Touch the Phone icon on the Home Page.
2. Touch Voice Mail.
3. Touch Call.

4. Enter the DTMF tones using the keypad if needed.

Bluetooth (Voice Recognition)

Using Bluetooth Voice Recognition


To use voice recognition, press  on the steering wheel controls. Use the commands below for the various voice features. For additional information, say "Help" while in a voice recognition menu. See *Voice Recognition* ⇨ 47 for help using voice recognition commands.

Making a Call

Calls can be made using the following commands.

Using the "Dial" or "Call" Command

To call a number:


1. Press . The system responds "Command Please," followed by a tone.

- Say “Dial” or “Call” followed by the complete phone number.

Use the “Voice Keypad” command for international numbers or special numbers which include * or #.


Once connected, the person called will be heard through the audio speakers.

To call using a contact from your phone book:

- Press . The system responds “Command Please,” followed by a tone.
- Say “Dial” or “Call” and then say the contact name. For example “Call <name> at Work.”


Once connected, the person called will be heard through the audio speakers.

Calling the Emergency Number


- Press . The system responds “Command Please,” followed by a tone.
- Say “Call <emergency number>.”

Once connected, the person called will be heard through the audio speakers.


Using the “Switch Phone” Command

- Press . The system responds “Command Please,” followed by a tone.
- After the tone, say “Switch Phone.” The system displays a list of phones to select.

Using the “Voice Keypad” Command

- Press . The system responds “Command Please,” followed by a tone.
- After the tone, say “Voice Keypad.” The system allows entry of special numbers and characters.

Using the “Voice Mail” Command

- Press . The system responds “Command Please,” followed by a tone.

- After the tone, say “Voice Mail”. The system dials the voice mail number of the connected phone.

Clearing the System

Unless information is deleted out of the vehicle Bluetooth system, it will be retained. This includes phone pairing information. For directions on how to delete this information, see “Deleting a Paired Phone.”

Text Messaging

If equipped, the infotainment system may allow text messages to be received and replied to. Received messages can also be read aloud.

Before using the text messaging feature, check to see if the phone is compatible.

See your retailer for details.

Text Menu

Inbox : Touch to display incoming messages. To view a message, touch the name of the sender.

Touch  to listen to the text

message. Press < BACK on the centre console or touch the Back icon on the infotainment display to go back to the previous menu.

Settings : See "Text Settings" later in this section.

Reply : Touch to reply using a predefined text message. See "Text Settings."

Call : Touch to place a call to the sender of the text message.

Viewing a Text Message

While viewing a text message:

- Touch Reply to reply using a predefined text message.
- Touch Call to place a call to the sender of the text message.

Viewing Sender Information

If equipped, touch the name of the sender to view sender information if this information matches contact information already stored.

Select a Predefined Message :

Touch to select from a set of quick messages. Touch the message to send.

Predefined Messages

These are short text messages that can be used to send so responses will not have to be typed.

The messages can be deleted or a new message can be added.

To add a new message:

1. Touch Text Settings, then touch Manage Predefined Messages.
2. While in the predefined messages list view, touch Add New Predefined Message and a keyboard displays.
3. Type a new message and touch NEW MSG when done to add the message. Press < BACK on the centre console or touch the Back icon on the infotainment display to go back to the predefined messages list. Touch X to delete one character at a time.

Memory Full

This message may display if there is no more room on the phone to store messages.

Text Settings

Text Alerts : When on, this feature will display an alert when a new text message has been received. Touch to turn on or off.

Manage Predefined Messages :

Touch to add, change, or delete predefined messages.

Apple CarPlay and Android Auto

If equipped, Android Auto and/or Apple CarPlay capability may be available through a compatible smartphone. If available, Projection 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 phone from the Google Play store. No app is required for Apple CarPlay.
2. Connect an Android phone or iPhone by using the compatible phone 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.

3. When the phone is first connected to activate Apple CarPlay or Android Auto, the message "Device Projection Privacy Consent" will appear.
 - Touch Continue to launch Apple CarPlay or Android Auto.
 - Touch Disable to remove Apple CarPlay and Android Auto capability from the vehicle Settings menu. Other functions may still work.

Projection on the Home Page will change to Android Auto or Apple CarPlay depending on the phone. Android Auto and/or Apple CarPlay may automatically launch upon USB connection. If not, touch the Android Auto and/or Apple CarPlay icon on the Home Page to launch.

Press  on the centre console to return to the Home Page.





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

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Settings

The Settings menu allows adjustment of different vehicle and radio features. The menu may contain the following:

Time and Date

Touch  or  to increase or decrease hours, minutes, and AM or PM. Touch 12Hr or 24Hr for 12 or 24 hour clock. Touch  or  to increase or decrease month, day, or year. See "Clock" in the owner's manual.

Language

This will set the display language in the radio, instrument panel, and voice recognition. Touch Language and select the appropriate language. Touch the Back icon on the infotainment display to go back to the previous menu.

Valet Mode

If equipped, this will lock the infotainment system and steering wheel controls. It may also limit top speed, power, and access to vehicle storage locations (if equipped).

To enable Valet Mode:

1. Enter a four-digit code on the keypad.
2. Touch Enter to go to the confirmation screen.
3. Re-enter the four-digit code.

Touch LOCK or UNLOCK to lock or unlock the system. Touch the Back icon on the infotainment display to go back to the previous menu.

Radio

Touch to show the Radio menu and the following may appear:

- **Manage Favourites:** Touch to highlight a favourite to edit. Touch Rename to rename the favourite or Delete to delete it. Touch and hold the station to

drag it to a new location. Touch Done to go back to the previous menu.

- **Number of Favorites Shown:** Touch to set the number of favourites to display. Select Auto, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, or 60. Auto will adjust the number of favourite locations that can be seen. Touch the Back icon on the infotainment display to go back to the previous menu.
- **Auto Volume (If Equipped):** This feature adjusts the volume based on the vehicle speed. See *AM-FM Radio* ⇨ 10.
- **Bose AudioPilot Noise Compensation Technology (If Equipped):** This feature adjusts the volume based on the noise in the vehicle and its speed. See *AM-FM Radio* ⇨ 10.
- **Maximum Start-Up Volume:** This feature sets the maximum start-up volume. If the vehicle is started and the volume is greater than this level, the volume is adjusted to this level.

To set the maximum start-up volume, touch + or - to increase or decrease. Touch the Back icon on the infotainment display to go back to the previous menu.

- **Audio Cue Volume (If Equipped):** This feature adjusts the start-up and shut-down sounds. To adjust the volume, touch + or - to increase or decrease. This feature can be turned on or off. Touch the Back icon on the infotainment display to go back to the previous menu.

Vehicle Settings

See “Vehicle Personalisation” in the owner’s manual.

Bluetooth

From the Bluetooth menu, the following may appear:

- **Pair New Device:** Touch to add a new device.
- **Device Management:** Touch to connect to a different phone source, disconnect a phone, or delete a phone.

- **Ringtones:** Touch to change the ring tone for the specific phone. The phone does not need to be connected to change the ring tone.
- **Voice Mail Numbers:** This feature displays the voice mail number for all connected phones. The voice mail number may be changed by touching Edit, typing in the new number, and touching Save. Touch the Back icon on the infotainment display to go back to the previous menu.
- **Text Message Alerts:** This feature will turn text message alerts on or off. Touch Text Message Alerts and then touch Off or On. Touch the Back icon on the infotainment display to go back to the previous menu. See *Text Messaging* ⇨ 59.

Voice

From the Voice menu, the following may appear:

- **Confidence Threshold:** Touch Confirm More for a system response to a command. Touch Confirm Less for the system to proceed with the command without responding.
- **Prompt Length:** Touch Short for brief, direct feedback or Long for more information feedback. Touch the Back icon on the infotainment display to go to the previous menu.
- **Audio Feedback Speed:** Touch Slow, Medium, or Fast for feedback speed. Touch the Back icon on the infotainment display to go back to the previous menu.

Display

From the Display menu, the following may appear:

- **Mode:** Touch Auto, Day, or Night to adjust the display. Touch the Back icon on the infotainment display to go to the previous menu.
- **Calibrate Touchscreen:** Touch to calibrate the infotainment display and follow the prompts. Touch the Back icon on the infotainment display to go back to the previous menu.
- **Turn Display Off:** Touch to turn the display off. Touch anywhere on the display area or any control on the centre console again to turn the display on.

Rear Camera

Touch to display the Rear Camera menu. See “Driver Assistance Systems” in the owner’s manual.

Return to Factory Settings

Touching Continue restores all factory settings.

Touch Return to Factory Settings and the following list may display:

- **Restore Vehicle Settings:** Restores factory vehicle personalisation settings. Touch Restore Vehicle Settings. Touch Cancel or Continue. If continue is touched, a confirmation pop-up will appear indicating the vehicle settings have been restored.
- **Clear All Private Data:** If available, use to erase personal private data before loaning or selling the vehicle. Touch Clear All Private Data. Touch Cancel or Continue. If Continue is touched, a confirmation pop-up will appear indicating all private data has been cleared from the system.
- **Restore Radio Settings:** Restores factory radio settings. Touch Restore Radio Settings. Touch Cancel or Continue. If continue is touched, a confirmation pop-up will appear indicating the radio settings have been restored.

Press < BACK on the centre console or touch the Back icon on the infotainment display to go back to the main settings menu.

Over-the-Air Software 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. The steps to check for, download and install updates, may vary by vehicle.

Downloading Over-the-Air 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 secured 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, followed by **Wi-Fi**, and then **Manage Wi-Fi Networks**. Select the appropriate Wi-Fi network, and follow the on-screen prompts. Download speeds may vary.

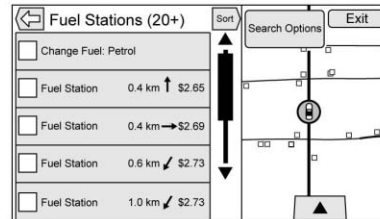
On most compatible mobile devices, activation of the Wi-Fi hotspot is in the Settings menu under **Mobile Network Sharing**, **Personal Hotspot**, **Mobile Hotspot**, or similar.

Availability of Over-the-Air software updates varies by vehicle and country. For more information on this feature, see your dealer.

Low Fuel Alert

If the vehicle reaches a low fuel level, the system displays an alert about the low fuel condition. Touch

the **More Info** icon to view nearby petrol stations, and start guidance if desired.



If the remaining driving distance is available from the system, this is included in the alert.

English and Metric Unit Conversion

To change the display units between English and metric units, see “Instrument Cluster” in the owner’s manual.

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