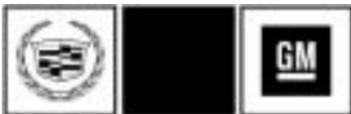


# 2005 Cadillac STS Navigation System

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The information in this manual supplements the owner manual. This manual includes the latest information available at the time it was printed. We reserve the right to make changes in the product after that time without notice.

Keep this manual with the owner manual in the vehicle, so it will be there if it is needed while you are on the road. If the vehicle is sold, leave this manual and the owner manual with the vehicle.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, (2) this device must accept any interference received, including interference that may cause undesired operation.

This device complies with RSS-210 of Industry Canada. Operation is subject to the following two conditions: (1) this device may not cause interference, (2) this device must accept any interference, including interference that may cause undesired operation of the device.

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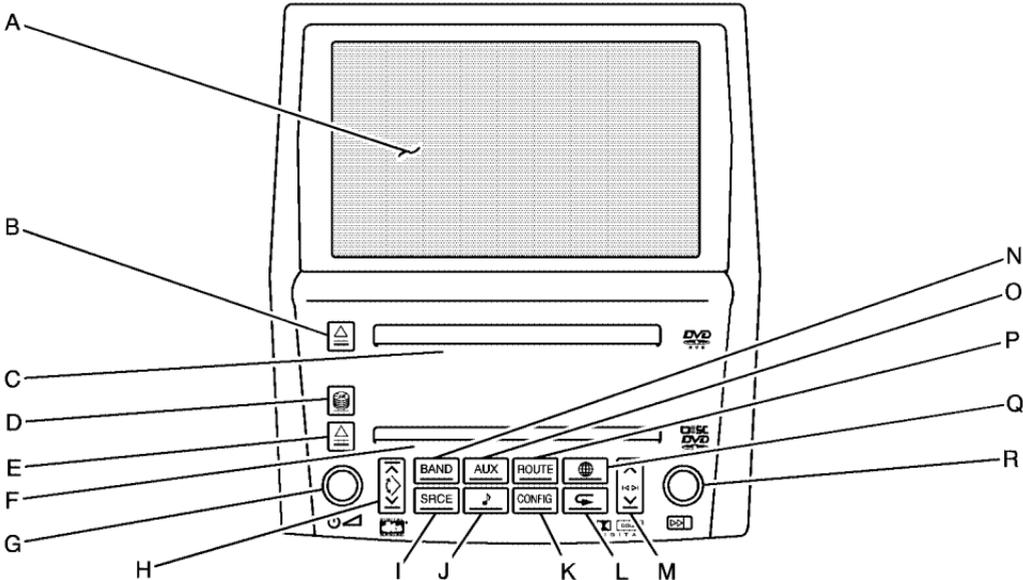
# Section 1 Overview

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# Overview

## Navigation System Overview



- A. Display Screen.
- B. Map DVD Eject Key. See “Hard Keys” under *Using the Navigation System on page 2-2* for more information.
- C. Map DVD Loading Slot.
- D. CD/DVD Changer Loading Key. See *Six-Disc CD/DVD Changer on page 3-12* for more information.
- E. CD/DVD Changer Eject Key. See *Six-Disc CD/DVD Changer on page 3-12* for more information.
- F. CD/DVD Changer Loading Slot.
- G. Power/Volume Knob. See “Hard Keys” under *Using the Navigation System on page 2-2* for more information.
- H. Navigation Screen Tilt Key (in/out). See “Hard Keys” under *Using the Navigation System on page 2-2* for more information.
  - I. SRCE (Source) Key. See *Six-Disc CD/DVD Changer on page 3-12* for more information.
  - J. Audio Key. See *Six-Disc CD/DVD Changer on page 3-12* for more information.
  - K. CONFIG Key. See *Configure Menu on page 2-49* for more information.
  - L. Navigation Voice Prompt Repeat Key. See “Hard Keys” under *Using the Navigation System on page 2-2* for more information.
- M. Seek/Scan Key (up/down). See *Six-Disc CD/DVD Changer on page 3-12* for more information.
- N. BAND Key. See *Six-Disc CD/DVD Changer on page 3-12* for more information.
- O. AUX (Auxiliary) Key. See “Hard Keys” under *Using the Navigation System on page 2-2* for more information.
- P. ROUTE Key. See *Enter Destination on page 2-6* for more information.
- Q. Map Key. See “Hard Keys” under *Using the Navigation System on page 2-2* for more information.
- R. Tune Knob. See *Six-Disc CD/DVD Changer on page 3-12* for more information.

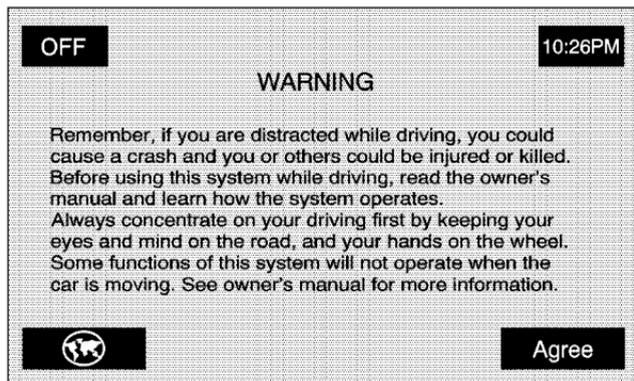
## Getting Started

Before you begin to operate the navigation system, read this manual thoroughly to become familiar with it and to understand how the system works.

The navigation system allows you to do the following:

- Plan a route with provided turn-by-turn route and map guidance with voice prompts.
- Select a destination using various methods and choices.
- Receive broadcast announcements on traffic and emergency alert communications.

The information in the system may not always be complete. Road conditions such as prohibited turns, detours, and construction zones, change frequently. It is important to consider whether you can follow the directions given by the system for the current conditions.



Each time you first start your vehicle and turn on the navigation system by touching the map hard key, you will see this screen. You can touch Agree to proceed into the system, or the globe symbol in the lower left corner of the screen to change the language of the system. For more information on changing the language, see *Personalization on page 5-2*.

When getting started you may set the navigation system to your preference using various options. To do so, reference the following topics:

- To adjust screen appearance, see “Screen Appearance” under *Configure Menu on page 2-49*.
- To adjust the clock and other time options, see “Clock” under *Configure Menu on page 2-49*.
- To plan a route, see *Enter Destination on page 2-6*.
- To adjust the volume of voice guidance prompts or voice recognition, see “Navigation Set Up” under *Configure Menu on page 2-49*.

## Section 2 Features and Controls

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# Features and Controls

## Using the Navigation System

This section presents basic information you will need to know to operate the navigation system.

Use the hard keys located on the navigation system along with the available touch screen buttons on the navigation screen to operate the system. See *Navigation System Overview on page 1-2* for more information.

Once the vehicle is moving, various functions will be disabled to reduce driver distractions.

### Hard Keys

The following hard keys are located on the navigation system:

 **(Map DVD Eject):** Press the eject key located next to the map DVD loading slot to eject the map DVD. The map DVD slot is the slot directly below the display screen.

 **(Load):** Press the CD/DVD changer loading key to go to the loading screen and begin loading DVDs or CDs. See *Six-Disc CD/DVD Changer on page 3-12* for more information.

 **(CD/DVD Eject):** Press the eject key next to the CD/DVD changer loading slot to begin ejecting DVDs or CDs. See *Six-Disc CD/DVD Changer on page 3-12* for more information.

 **(Power/Volume):** Press the power/volume knob to turn the audio system on and off. Turn the knob to increase or decrease the volume to the audio system.

 **(Tilt):** Press the up arrow on the tilt key to tilt the navigation screen forward. Press the down arrow on the tilt key to tilt the screen rearward. There are three tilt positions to choose from.

**BAND:** Press the BAND key to change bands. The BAND key will toggle among the bands available, FM, AM, XM, and WX. See *Navigation Audio System on page 3-2*.

**SRCE (Source):** Press the source key to switch between the audio sources. Pressing this key will switch between the radio and the CD/DVD player. See *Navigation Audio System on page 3-2*.

**AUX (Auxiliary):** Press the AUX key to access screens from which you will operate Bluetooth<sup>®</sup>, OnStar<sup>®</sup>, or control video input. See *Bluetooth<sup>®</sup> Phone on page 6-2*.

 **(Audio):** Press the audio key to access the Audio Adjust screen, where you can adjust your base, mid, fade, balance and DSP settings. See *Navigation Audio System on page 3-2*.

**ROUTE:** Press the ROUTE key to access the Destination Entry screen or the search area and begin planning a destination. See *Enter Destination on page 2-6*.

**CONFIG (Configure):** Press the CONFIG key to access the desired SET UP Function screen. See *Configure Menu on page 2-49*.

 **(Map):** Press the map key to access the map screen.

 **(Navigation Repeat):** Press the navigation repeat key to repeat the last voice guidance prompt, while you are on a route.

 **(Seek/Scan):** Press the seek/scan arrows to go to the next or previous radio station and stay there, or press and hold to scan stations. See *Navigation Audio System on page 3-2*.

**Tune Knob:** Turn the tune knob to go to the next or previous radio station and stay there. See *Navigation Audio System on page 3-2*.

## Alpha-Numeric Keypad

Letters of the alphabet, symbols, punctuation, and numbers, when available to you, will be displayed on the navigation screen as an alpha or numeric keypad. The alpha keypad will be displayed when the system needs you to input a city or street name. You can also touch the symbol button (Sym.) at the bottom of the alpha keypad to access the numeric keypad when inputting a house address, punctuation mark, or other character. There are three pages of different symbols available. Touch A - Z to return to the alpha keypad. Touch Others to get to a alpha keypad with special characters. There are two pages of characters available under the Others selection. On either the Symbol or Others screens, using the arrows at the bottom next to the page numbers will navigate you through the rest of the screens available.

All characters are touch-sensitive screen buttons. Touch a character to select it.

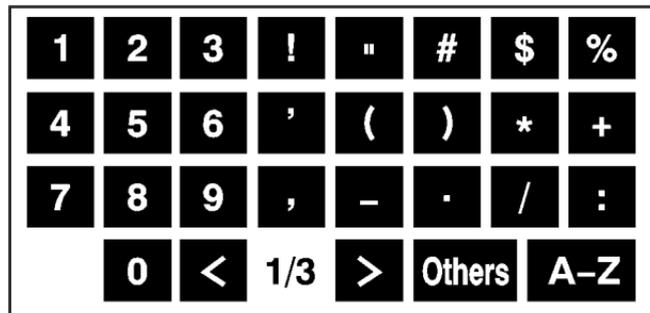
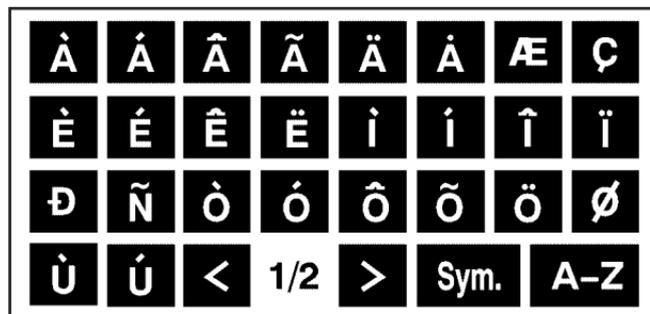
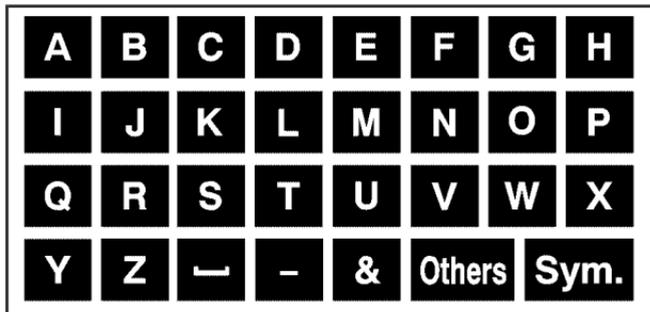
: Select the space symbol on the A - Z screen to enter a space between characters or the words of a name.

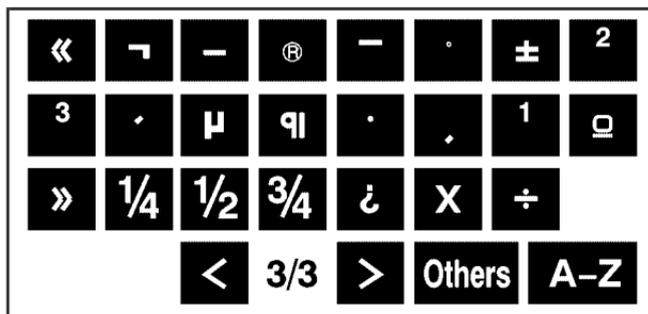
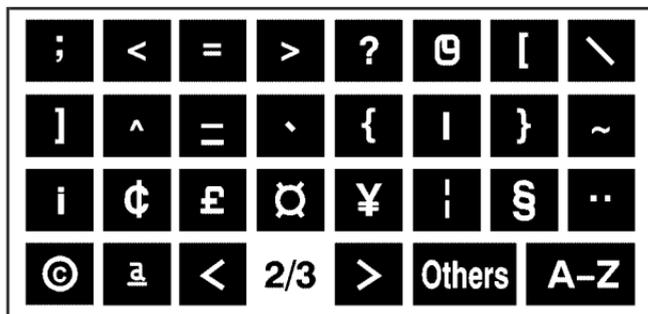
: Select the backspace symbol if you have selected an incorrect character.

To make your name selections easier, the system will only allow you to select a character which can follow the last one entered. For example, if you enter Z, you would not be allowed to follow it with T. The system will highlight the available characters and darken the unavailable characters.

If you are unsuccessful when inputting a name, it may need to be selected differently. It is also possible that the map DVD database may not contain that information or the correct search area has not been selected. See *Database Coverage Explanations on page 2-62* for more information.

The following screens are some of the different alpha keypads you will have access to:



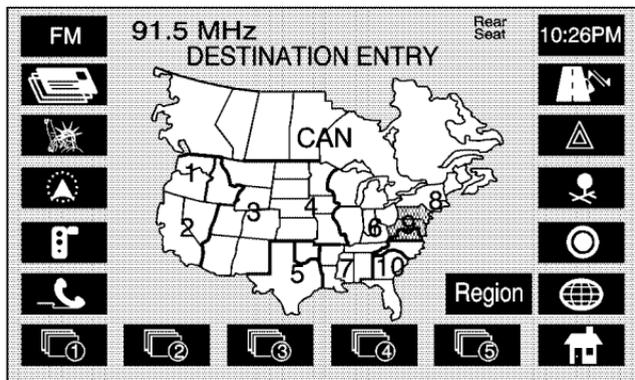


## Touch-Sensitive Buttons

Touch-sensitive screen buttons are located on the screen. When you have successfully selected a screen button, a beep will sound. These buttons will be highlighted when a feature is available and dim when they are unavailable. There are also some toggle screen buttons that will be light blue when active and dark blue when inactive.

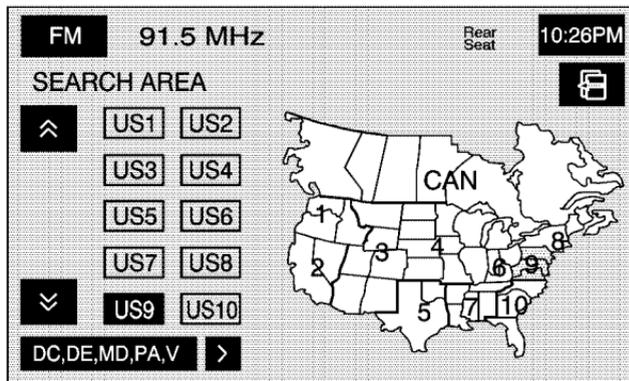
## Enter Destination

Press the ROUTE key to access the Destination Entry screen. From this screen, you can choose from several options to plan a route by entering destination points.



The DESTINATION ENTRY screen allows you to also select the area included in the search for your destination. A map of the United States and a part of Canada divided into 11 regions is shown.

Before selecting a method of destination entry, review the search area map to make sure your destination is located in the highlighted region.



If you need to see a list of states included in the highlighted region, or to change the region, touch REGION from the DESTINATION ENTRY screen. The SEARCH AREA screen will be displayed. Touch the numbered screen button to the right of the search area map that corresponds with the numbered region you wish to choose or to view a list of states included in the region selected. You may also touch the down arrow to the right of the search area map to choose CAN for Canada. Once your selection has been made, you will see the area covered on the map highlighted. Touch the back key to return to the DESTINATION ENTRY screen. The new selection will be stored once you select the back touch screen key.

To enter a destination, choose from one of the following destination entry methods:

## Address

The address destination entry method allows you to input an address by providing the system with a house number, street name, and city.

The screenshot shows the 'ADDRESS' screen with the following elements:

- Top left: 'FM 91.5 MHz' and 'Rear Seat' indicator.
- Top right: '10:26PM' and a list icon.
- Input fields: 'House No.', 'Input House Number', and 'City'.
- Below 'Input House Number': 'Street' label and a list icon.
- Keypad: A numeric keypad (0-9) with directional keys (N, S, E, W, ←, →).
- Bottom right: 'A-Z' and 'OK' buttons.

If you choose Any City, the system will generate a list of all cities containing that street name. If you choose 5 Nearest Cities, the system will generate a list of the five nearest cities containing that street name.

 **(Address):** Touch this screen button to access the ADDRESS screen. At this point you can choose to enter the address one of three ways, either house number first, street first or city first.

To use the house number first destination entry method, do the following:

1. Touch the numeric keypad to input the house number.
2. Touch the Street button to enter the street name using the alpha keypad.
3. A list of available street names will be displayed if there are less than 5 items available. You may select the list screen button at any time to view the available list. Select the correct street with the correct prefix from the list.
4. The Navigation System will either display a list of available cities or go to the map screen directly based on the input.
5. Select the desired city name on the list.  
A map screen will then appear with the destination marked.

To use the street name first destination entry method, do the following:

1. Select the Street screen button from the address menu and start inputting the street name using the alpha keypad. A list of available street names will be displayed if there are less than 5 items available. You may select the list screen button at any time to view the available list.
2. Select the desired street name with the correct prefix from the list (Dr., Ln., St., etc.).
3. The Navigation System will display a list of available cities. Select the correct city from the list.
4. The numeric keypad will be displayed, allowing you to enter the house number.
5. Press OK.

A map screen will then appear with the destination marked.

To use the city name first destination entry method, do the following:

1. Touch the City button.
2. Select from the choices shown on the City screen, Any City, 5 Nearest Cities, Input City Name, or from the Last 5 Cities used.

Using the Any City choice will take you back to the house number first entry method.

Using the 5 Nearest Cities choice, the system will display the 5 cities nearest your current position.

Using the Input City Name choice will allow you to input the city name with the alpha keypad.

Using the Last 5 Cities choice, the system will display a list of the last five city names used.

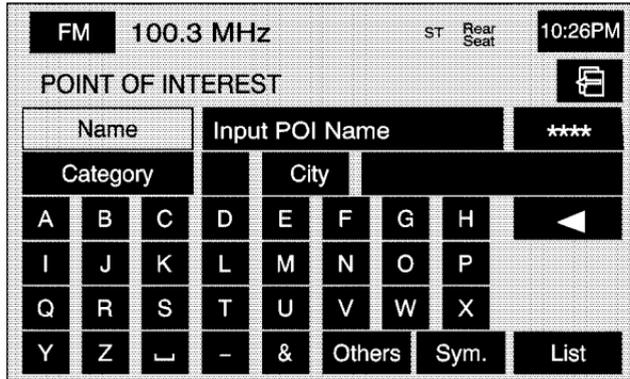
3. If using the alpha keypad, finish inputting the city name and then touch the list touch screen button to display a list of available cities. Choose a city from the list. If choosing from one of the prior mentioned lists, select the city from the list displayed.
4. The House number screen will be displayed. Input the house number using the numeric keypad.
5. Select the Street screen button from the address menu and start inputting the street name using the alpha keypad. A list of available street names will be displayed if there are less than 5 items available. You may select the list screen button at any time to view the available list.
6. Select the desired street name with the correct prefix (Dr., Ln, St., etc.) from the list

A map screen will then appear with the destination marked.

See “Getting Started on Your Route” later in this section for more information.

## Point of Interest (POI)

The Point of Interest (POI) destination entry method allows you to choose a destination from the POI list.



 **(Point of Interest):** Touch this screen button to access the POINT OF INTEREST screen. From this screen you have three options to select/input your destination. You can either input the name using the alpha keypad, select a category from the category list or select the city by touching the city name and then using the alpha keypad.

Then, to use this destination entry method by inputting the name, do the following:

1. Use the alpha keypad to enter the POI name.  
Touch Sym. to view a list of symbols to add when entering a POI, touch Others to view a list of special characters you can choose from, or touch A - Z to return to the alpha keypad.
2. A list of POIs will appear if there are fewer than five POIs found using the information from the alpha keypad input. You may also touch the List button at any time to view available POIs.
3. Select the desired POI from the list.  
A map screen will then appear with the destination marked.

To use this destination entry method by selecting a category, do the following:

1. Touch the Category screen button from the POINT OF INTEREST screen to view a list of POI categories.
2. Choose a category, and then a sub-category.
3. The Navigation System will display available POIs names in the selected sub-category or if the list is too long the system will display the alpha keypad.
4. If the alpha keypad is displayed, input the POI name until a list of available POIs appears. You may also select the List screen button when it becomes available.
5. Select the POI from the list.

A map screen will then appear with the destination marked.

To use this destination entry method by selecting a city, do the following:

1. Select the city screen button, then choose from Any City, 5 Nearest Cities, Input City Name or from the Last 5 Cities list. If you choose Any City, the system will return to the name POI input method/screen. If you choose 5 Nearest Cities, the system will generate a list of the five nearest cities to your current position. Or you can select from the last five cities that were used. If you choose to input the city name the system will display the alpha keypad.
2. Input the city name using the alpha keypad.
3. Select the desired city from the list displayed.
4. Use the alpha keypad to enter the POI name.

Touch Sym. to view a list of symbols to add when entering a POI, touch Others to view a list of special characters you can choose from, or touch A - Z to return to the alpha keypad.

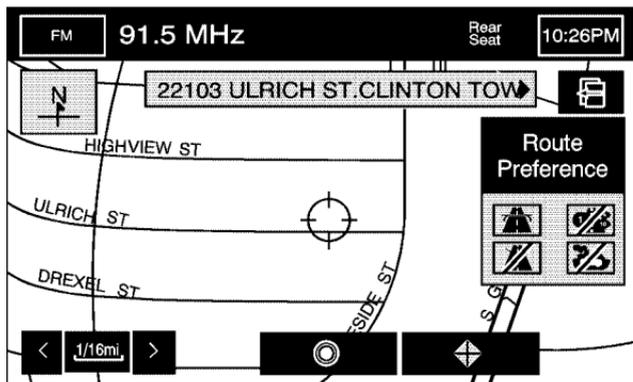
5. A list of POIs will appear if there are fewer than five POIs found using the information from the alpha keypad input. You may also touch the List button at any time to view available POIs.
6. Select the desired POI from the list.

A map screen will then appear with the destination marked.

See "Getting Started on Your Route" later in this section for more information.

## Map

The map destination entry method allows you to choose a destination by scrolling on the map.



**Map:** Touch this screen button to enter the map destination entry method.

Then, to use this destination entry method, do the following:

1. Touch the map for the desired area you wish to set as your destination.
2. Use the zoom in/out function to view the direction of the desired area.
3. Pressing/holding and dragging on the map will activate fast scrolling. Press/touch once on the area to which you would like to move the current position mark.
4. On the map screen you will then see the destination marked and the address information for the current destination mark. Touch the destination screen button or the waypoint screen button to save the address as a destination or waypoint. Touching the memory point screen button will store the address as a memory point. Touching the POI screen button will display the QUICK-POI screen.

See “Getting Started on Your Route” later in this section for more information.

## Intersection

The intersection destination entry method allows you to set two intersecting streets as your destination.

FM	100.3 MHz	ST	Rear Seat	10:26PM				
INTERSECTION								
1st St.	Input first Street Name			****				
2nd St.								
A	B	C	D	E	F	G	H	
I	J	K	L	M	N	O	P	
Q	R	S	T	U	V	W	X	
Y	Z	_	-	&	Others	Sym.	List	

**(Intersection):** Touch this screen button to access the INTERSECTION screen.

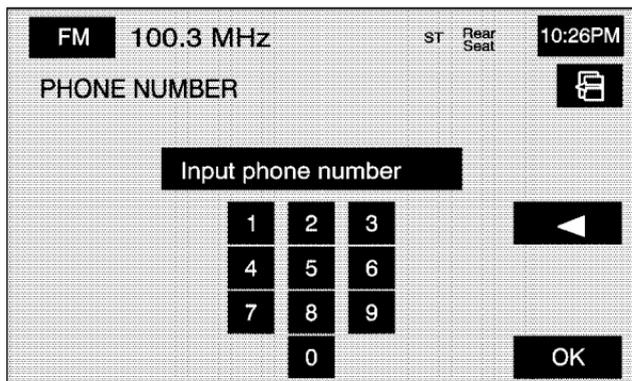
To enter a destination using the intersection entry method, do the following:

1. Enter the first of two streets in the intersection. The List option may become available.
2. You may now choose a street from the list, or continue to spell the street name to further reduce the number of available items. Select the street with the correct prefix (Dr., Ln., St., etc.).
3. After the first street has been chosen, enter the second street name. The List option may again become available.
4. You may now choose the second street from the list, or continue to spell the street name to further reduce the number of available items. Select the street with the correct prefix (Dr., Ln., St., etc.).  
After both streets have been chosen, a map screen will then appear with the destination marked.

See “Getting Started on Your Route” later in this section for more information.

## Phone Number

The phone number destination entry method allows you to choose a destination by entering a phone number that is contained on the map DVD.



 **(Phone Number):** Touch this screen button to access the PHONE NUMBER screen.

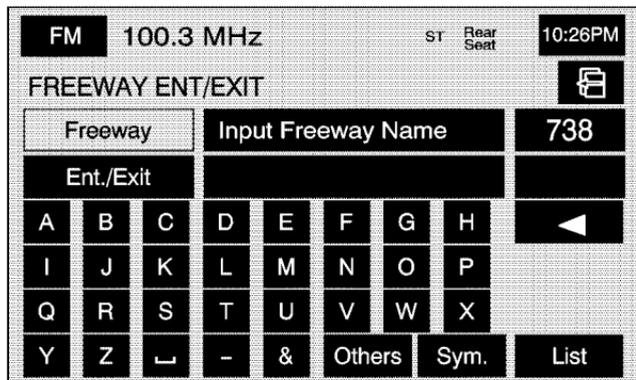
Then, to use this destination entry method, do the following:

1. Input the area code and phone number of a POI using the numeric keypad.
2. If the phone number can be found on the map DVD, a map screen will then appear with the destination marked.

See “Getting Started on Your Route” later in this section for more information.

## Freeway Entrance/Exit

The freeway entrance/exit destination entry method allows you to choose a destination by entering a freeway entrance or exit point.



 **(Freeway Entrance/Exit):** Touch this screen button to access the FREEWAY ENT/EXIT screen.

Then, to use this destination entry method, do the following:

1. Touch the Freeway screen button and enter the freeway name. Be sure to use abbreviations, such as I - 75, rather than spelling out Interstate.

Touch Sym. to view a list of symbols to add when entering a freeway name, touch Others to view a list of special characters you can choose from, or touch A - Z to return to the alpha keypad.

A list of freeways will appear.

2. Choose a freeway from the list, and then choose whether you want an exit point or an entrance point. You can choose an exit/entrance point from the list, input it by name, or sort the list by distance or name. If you choose to input the freeway name, the alpha keypad will be displayed. Touch the alpha keypad to enter the freeway exit or entrance name. Touch the Name Sort screen button to sort the list by name. Touch the Dist. Sort screen button to have the list sorted by distance.

After choosing a point from the list, a map screen will then appear with the destination marked.

See “Getting Started on Your Route” later in this section for more information.

## Emergency

The emergency destination entry method allows you to enter a destination by choosing from three categories: Police Station, Hospital, or Dealer.



 **(Emergency):** Touch this screen button to access the EMERGENCY screen. When in this screen, the system will display your current position address and the longitude and latitude information.

Then, to use this destination entry method, do the following:

1. Choose a category.
2. Choose a destination point from the list. Touch Name Sort to sort the list by name, or Dist Sort to sort the list by distance from the vehicle's current position.

After choosing a destination from the list, a map screen will then appear with the destination marked.

See "Getting Started on Your Route" later in this section for more information.

## Memory Points

The memory points destination entry method allows you to choose a destination from a list of points that you have previously stored.

 **(Memory Points):** Touch this screen button to access the MEMORY POINTS screen.

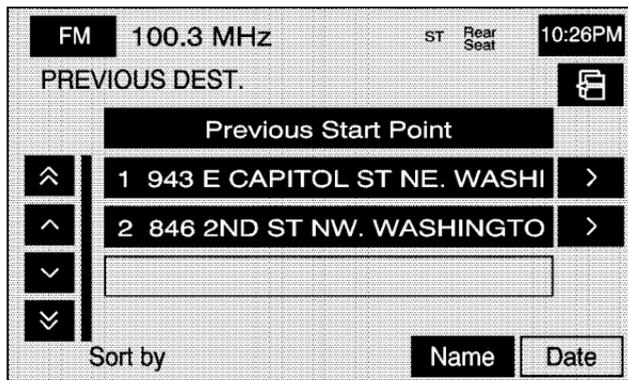
Then, to use this destination entry method, do the following:

1. Select the category/folder in which the memory point has been stored. Choose from Personal, Business, Entertainment or Marked Point folders.
2. Select the desired memory point within the selected category/folder. Use the sort button to sort the destinations within their category/folder. Touch the Dist. screen button to sort the destination by distance based on your current position. Touch the Icon screen button to sort the destinations based on the icon symbol. Touch the Date screen button to sort the destinations based on the date they were stored. Touch the Name screen button to sort the destinations in alpha/numeric order.

See “Getting Started on Your Route” later in this section for more information.

## Previous Destination

The previous destination entry method allows you to choose a destination from a list of previous destination points.



 **(Previous Destination):** Touch this screen button to access the PREVIOUS DEST. screen. The system will store up to 100 points that have been previously input. As new destinations are entered, the system will automatically delete the oldest destinations and add the new entries.

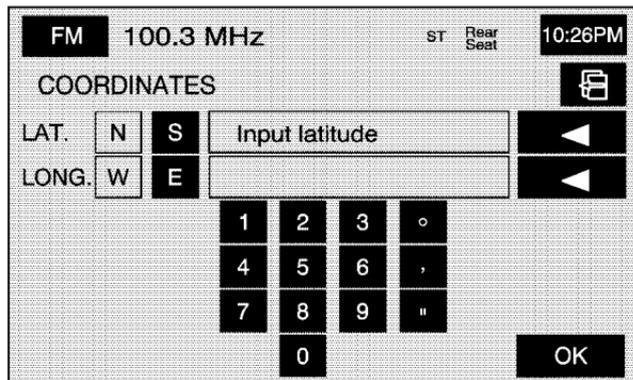
Then, to use the previous destination entry method, do the following:

1. Choose a previous destination from the list. Use the arrow to the right of the destination to view the entire destination name as necessary. Use the Sort by Name/Date function as necessary. Also from this menu you can select the previous start point option. This option is available while the vehicle is moving.
  - 1.1. To use the previous start point option from the PREVIOUS DEST. screen, choose the Previous Start Point screen button.
  - 1.2. The system will plan a route to the previous point you were at when a route was entered.
2. After choosing a destination from the previous destinations list, a map screen will then appear with the destination marked.

See “Getting Started on Your Route” later in this section for more information.

## Coordinates

The coordinates destination entry method allows you to choose a destination by entering latitude and longitude coordinates.



 **(Coordinates):** Touch this screen button to access the COORDINATES screen.

Then, to use this destination entry method, do the following:

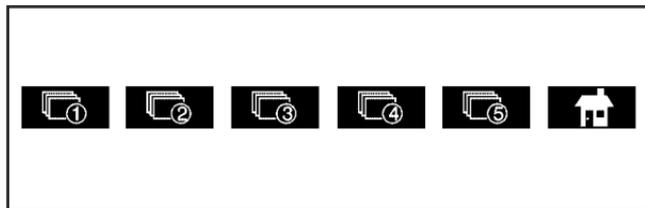
1. Touch N or S next to LAT. to enter the direction of the latitude coordinate.
2. Input the numeric portion of the latitude coordinate using the keypad.
3. Touch E or W next to LONG. to enter the direction of the longitude coordinate.
4. Input the numeric portion of the longitude coordinate using the keypad.
5. Once both coordinates are entered, touch the OK screen button.

A map screen will then appear with the destination marked.

See “Getting Started on Your Route” later in this section for more information.

## Preset Destination

The preset destination entry method allows you to set a destination by choosing from one of five previously stored destinations. Besides home, these are the only destinations available to set while the vehicle is moving or by voice recognition. If a destination is not set for one of the screen buttons, the button will be dimmed and will not be available.



 **(Preset Destination):** Touch this screen button to access the PRESET DESTINATIONS screen.

Then, to use this destination entry method, do the following:

1. Select the desired preset destination from the DESTINATION ENTRY screen. The screen buttons are numbered 1 - 5.
2. The system will then set the stored preset destination as your current destination.
3. A map screen will then appear with the destination marked and the number of the preset destination.

See “Getting Started on Your Route” and “Memory Points” later in this section for more information.

## Home

This feature allows you to plan a route to one previously stored destination that you have selected as home. If a home destination is not stored, the home button will not be available. In addition to preset destinations one through five, this destination is available to set while the vehicle is moving or by voice recognition.

 **(Home):** Touch this screen button to set your destination as home.

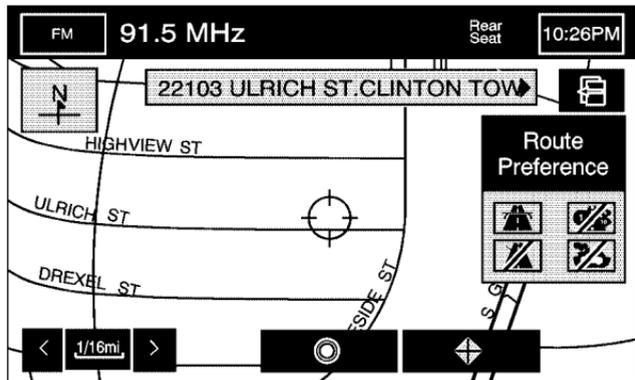
To use this destination entry method, do the following:

1. From the DESTINATION ENTRY screen, touch the home button.
2. The system will then set your stored preset home destination as the current destination.
3. A map screen will then appear with the destination marked.

Once your destination entry is complete, regardless of which method of entry you used, a map screen with the destination previewed will be displayed. You can change route preferences, route options, map appearances, or add a waypoint at this time. You may also set the destination without making any further changes. See “Getting Started on Your Route” following in this section for more information on your choices once a destination has been entered.

## Getting Started on Your Route

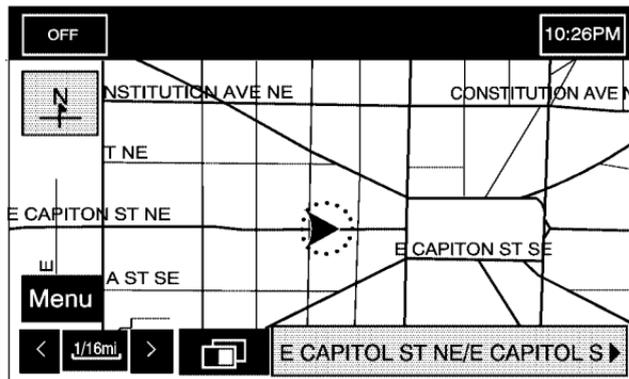
Once you have entered a destination, you can perform one of the following options:



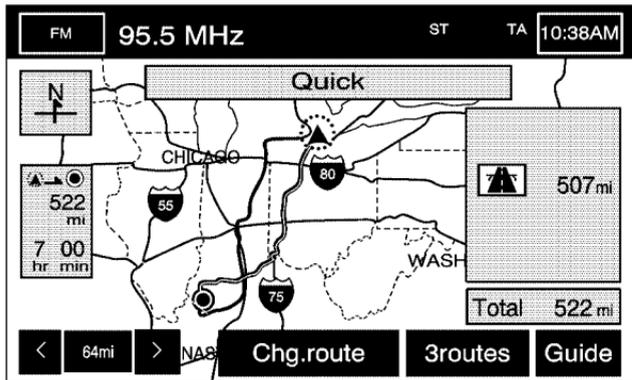
📍 **(Destination):** Touch the destination symbol to set the entered destination as it is, without further adjustment.

📍 **(Waypoint):** Touch the waypoint symbol to enter this point as a waypoint along the route.

**Route Preference:** Touch this screen button to access the ROUTE PREFERENCES screen and adjust the route preferences. The current setting is displayed in the Route Preference section of the Map screen. See “Change Route” later in this section for more information.



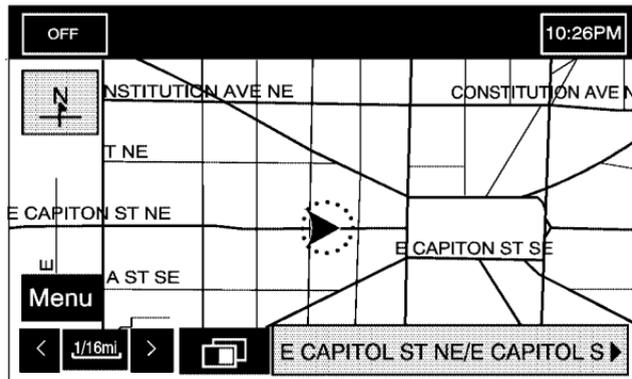
Once the route preferences have been set, touch the Calculate screen button and the system will display the map screen. From this screen, you can touch the Menu screen button to access the NAV. (Navigation) MENU.



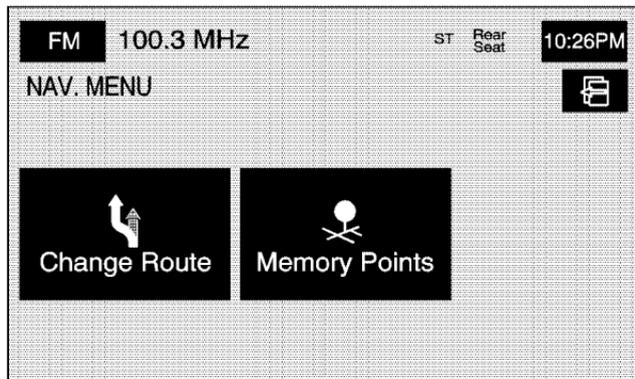
From this screen you can select Guide to start your route guidance or select 3routes if available to select between Quick, Normal or Short route options. You can also select the Chg. Route screen button to go to the ROUTE OPTIONS menu and select from the available options.

## Nav. (Navigation) Menu

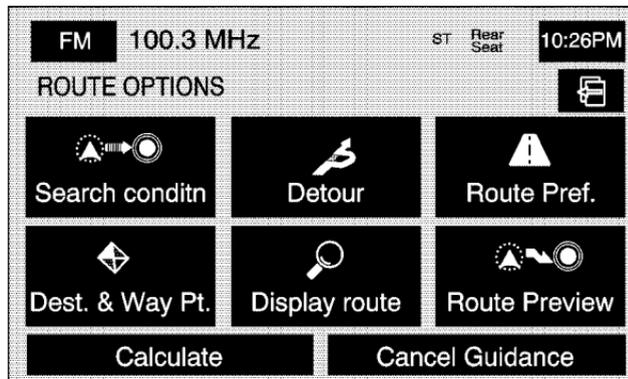
From this screen you can touch the menu screen button to access the Nav. (Navigation) menu.



From this menu, you can choose Change Route or Memory Points.

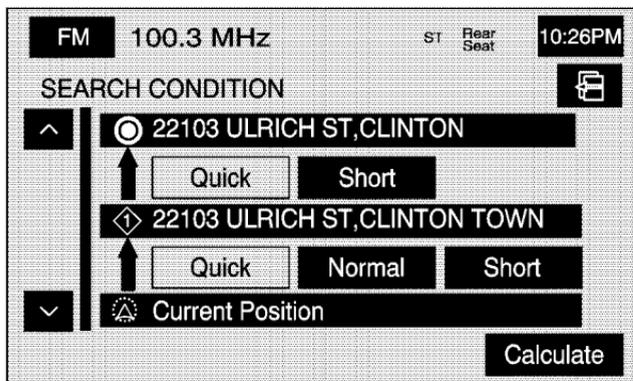


## Change Route



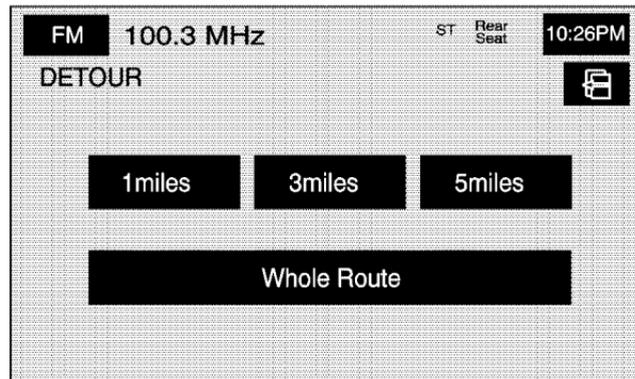
Selecting Change Route from the Nav. Menu will take you to the ROUTE OPTIONS menu. The availability of these buttons depends on if a route is planned or if you are driving a route. You can perform the following functions from this menu:

 **Search Conditn (Search Condition):** This option will take you to the SEARCH CONDITION screen.

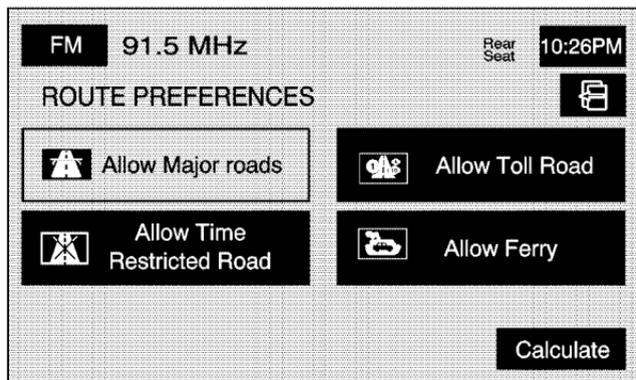


The search condition screen allows you to view your current destination and also change the planning methods between each destination. Use the up/down arrows to scroll through your routes. Use the available route preference options to change your planning method. Touch Calculate to plan the route.

 **Detour:** From this screen, you can choose to detour 1 mile, 3 miles, or 5 miles around a the current route. You may also choose to detour the whole route if necessary. This option is only available while you are driving on your current planned route.



**▲ Route Pref. (Route Preferences):** This feature will take you to the ROUTE PREFERENCES screen.



Touch any of the following options to turn them on and off. If any of these features are turned off, there will be a diagonal red line through its icon.

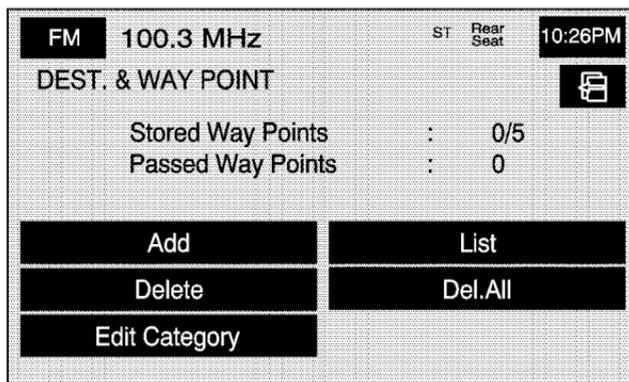
**▲ (Allow Major Roads):** This feature allows the system to use major roads when calculating a route.

**▲ (Allow Time Restricted Road):** This feature allows the system to use time restricted roads when calculating a route.

**▲ (Allow Toll Road):** This feature allows the system to use toll roads when calculating a route.

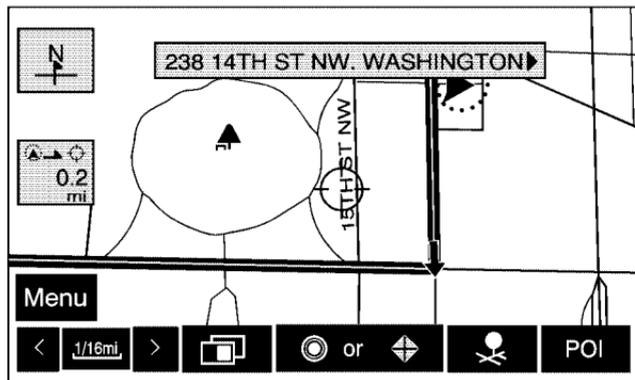
**▲ (Allow Ferry):** This feature allows the system to use ferries when calculating a route.

**◇ Dest. & Way Pt. (Destination and Waypoint):** From this screen, you can choose to add or delete a waypoint from your current route.



Select this button to plan a destination with waypoints. Five waypoints and one destination can be entered.

**Display route:** From this screen, you can view the entire route and choose to view a Turn List. From the Turn List you can select the Avoid screen button if desired, to avoid using selected turns. The system will then re-plan your route based on your selections.



**Route Preview:** From this screen, you can preview the entire route in either direction, as well as edit the route.



Use the touch-sensitive screen buttons at the bottom of the navigation screen to move forward or backward through the route.

**< (Skip to Start):** Touch this screen button to skip to the starting position, previous waypoint or previous POI depending on the mode selected.

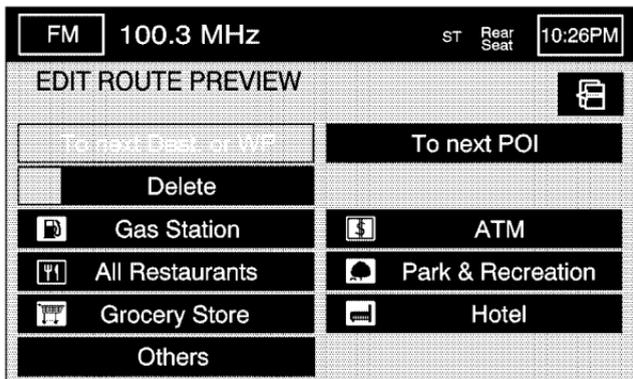
**<</>> (Scroll to Start):** Touch this screen button to scroll to the starting position, previous waypoint or previous POI depending on the mode selected. This button will toggle between low and fast speed.

**|| (Pause):** Touch this screen button to pause the route preview.

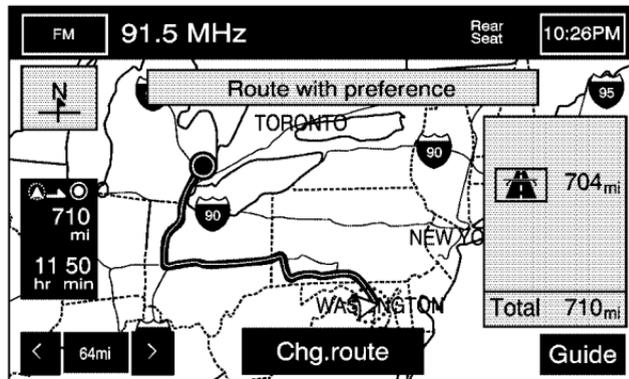
**> />> (Scroll to Destination):** Touch this screen button to scroll to the destination, next waypoint or next POI depending on the mode selected. This button will toggle between low and fast speed.

**>| (Skip to Destination):** Touch this screen button to skip to the destination, next waypoint or next POI depending on the mode selected.

Choose Edit to edit the route and access the following screen:



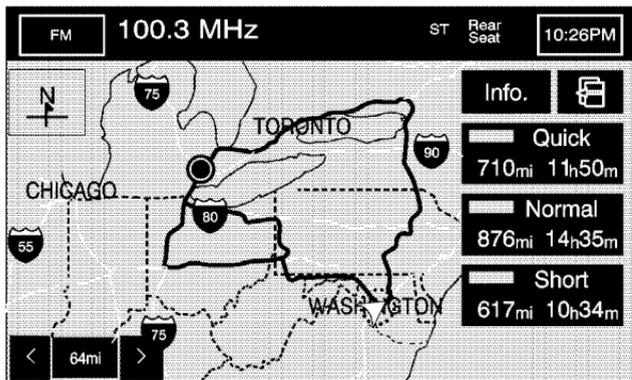
From this screen, you can add a waypoint or POI to the current route.



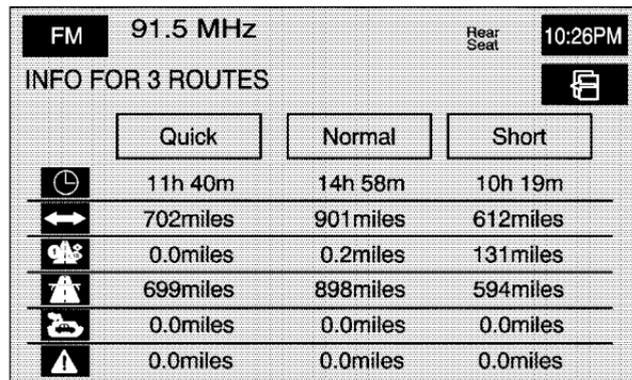
If you chose to calculate your route, this screen will be displayed. From this map screen, you can touch Guide to begin route guidance, or Chg. route to return to the ROUTE OPTIONS screen.

## Three Routes

To access this screen, touch the Chg. Route button on the map screen while planning a destination.



When applicable, the system will calculate up to three different versions of your current route in three different colors: Quick, Normal, and Short. The routes are shown with distance to destination and estimated travel time. The quickest route may not be the shortest, and vice versa. When an optional route is selected it is shown on the map in another color.



Touch Info on the three routes screen to access the INFO FOR 3 ROUTES screen. From this screen, you can view the following information for the different planned routes:

🕒 **(Estimated Travel Time):** This icon shows the route's estimated time of travel.

↔ **(Straight-Line Distance):** This icon shows the route's straight-line distance to destination.

 **(Toll Road):** This icon shows the route's toll road distance information.

 **(Freeway Travel):** This icon shows the route's freeway distance information.

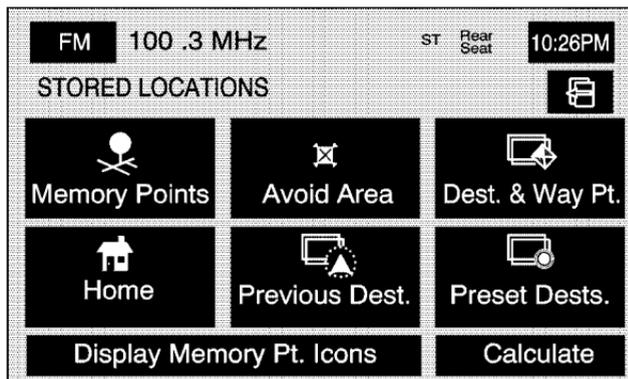
 **(Ferry):** This icon shows the route's ferry distance information.

 **(Time-Restricted Roads):** This icon shows the route's time-restricted road information.

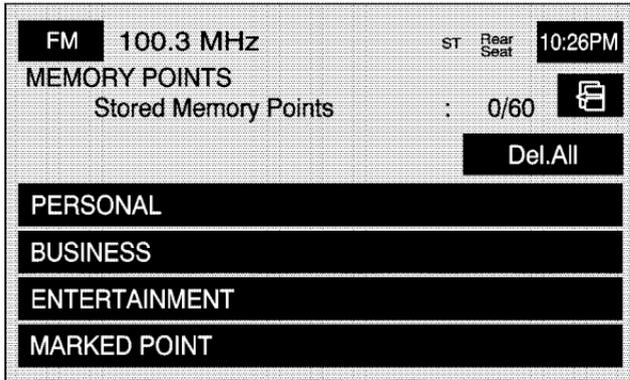
## Stored Locations

### Memory Points

Choosing Memory Points from the Nav. Menu will take you to the STORED LOCATIONS screen. From this screen, you can access the following options:



 **Memory Points:** This feature allows you the ability to store memory points. You can store them in the four different categories listed, Personal, Business, Entertainment, and Marked Point. Once in a folder/category you can store a point (Add), edit a point, delete a point, delete all points, or edit a category name. You can store up to 60 memory points per driver in each folder.



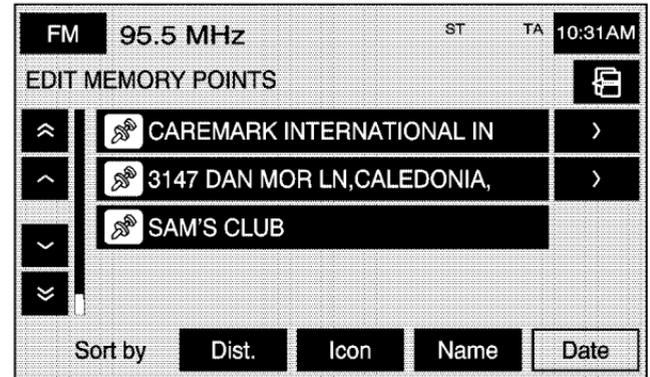
To store a point:

1. Select one of the folders/categories listed.
2. Select Add.
3. Select the desired method of entering a destination to enter the memory point. See Enter Destination for more information. A map screen will appear displaying the selected memory point location.
4. If available, touch the INFO button to view the address information of the selected point.
5. Touch OK to store the point as a memory point.

This feature will allow you to make changes to a specific stored point, such as changing the name, moving it to a different folder/category, storing the point as a name tag, modifying the position of the stored point, changing the icon and changing the phone number.

To edit a the name of a stored point:

1. Select one of the folders/categories listed.



2. Select the memory point that you wish to edit.

<b>FM</b>	95.5 MHz	ST	TA	10:32AM
<b>EDIT MEMORY POINT</b>				
<b>Icon</b>		<b>Category</b>	PERSONAL	
<b>Name</b>	SAM'S CLUB			
<b>Add Nametag</b>	Show Name		<input type="button" value="On"/>	<input type="button" value="Off"/>
<b>Position</b>	31940 GRATIOT AVE, ROSEVILLE, LAT. N42°31'54" LONG. W82°54'49"			
<b>Tel.</b>	5862969710			

3. Touch the Name screen button from the EDIT MEMORY POINT screen.
4. Use the backspace screen button to delete the current name or use the alpha keypad to make changes.
5. Touch the OK screen button to store the change.

To move the memory point from one folder/category to another:

1. Select one of the folders/categories listed.
2. Select the memory point that you wish to edit.
3. Touch the Category screen button from the EDIT MEMORY POINT screen.
4. Touch the new folder/category button you want to move the memory point to.
5. The Navigation System will display a message confirming your move.

To store the point as a name tag:

1. Select one of the folders/categories listed.
2. Select the memory point that you wish to edit.
3. Touch the Add Nametag screen button from the EDIT MEMORY POINT screen.
4. The Navigation System will say "Name please." State what you would like to call the memory point.  
If the name is short, wait a few seconds after the system asks you to state the name.
5. The Navigation System will play back what was recorded and then will ask you to confirm your nametag. State "Yes" if you want to confirm the nametag. Stating "No" will cancel the nametag and you can try again.

Once a nametag is stored, you can choose to whether to have the name show. You can also select the Del Nametag screen button to delete the nametag.

To modify the position of the stored point:

1. Select one of the folders/categories listed.
2. Select the memory point that you wish to edit.
3. Touch the Position screen button from the EDIT MEMORY POINT screen.
4. The Navigation System will display the map screen with the destination marked. Touch the map to move the position of the memory point.
5. Touch OK when you have moved the memory point to the appropriate location.
6. The Navigation System will return to the EDIT MEMORY POINT screen and will now display the new address, longitude and latitude for the changed memory point.

To change the icon associated with a memory point:

1. Select one of the folders/categories listed.
2. Select the memory point that you wish to edit.
3. Touch the Icon screen button from the EDIT MEMORY POINT screen.

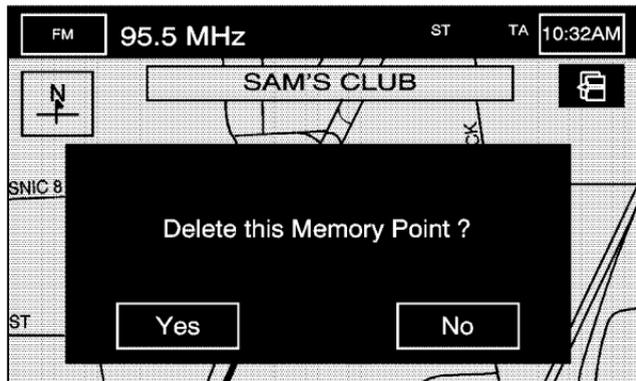
4. Select the desired icon. There are two pages of icons, a page of icons that have sounds associated with them, and a no icon button to choose from.
5. The new icon will be displayed in the EDIT MEMORY POINT screen, next to the Icon screen button.

To change the phone number of a memory point:

1. Select one of the folders/categories listed.
2. Select the memory point that you wish to edit.
3. Touch the Tel. screen button from the EDIT MEMORY POINT screen.
4. Use the numeric keypad to change the phone number.
5. Touch OK to store the changed phone number.

To delete a memory point:

1. Select one of the folders/categories listed in the MEMORY POINTS screen.
2. Select the Delete screen button.
3. Select the memory point that you wish to delete from the DELETE POINT screen. You can use the sort feature to sort by distance, icon, name or date as needed.



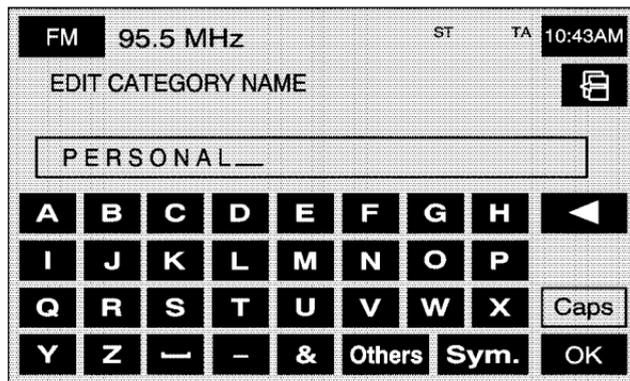
4. The Navigation System will show the map screen with the position address and a pop-up confirmation message. Select Yes to delete the point; select No to return to the DELETE POINTS screen and not delete the point.

To delete all of the memory points in a folder/category:

1. Select the desired folder/category from the MEMORY POINTS screen.
2. Select the Del.All screen button.
3. The Navigation System will display a pop-up confirmation message. Select Yes to delete all the points in the folder/category; select No to cancel the operation.

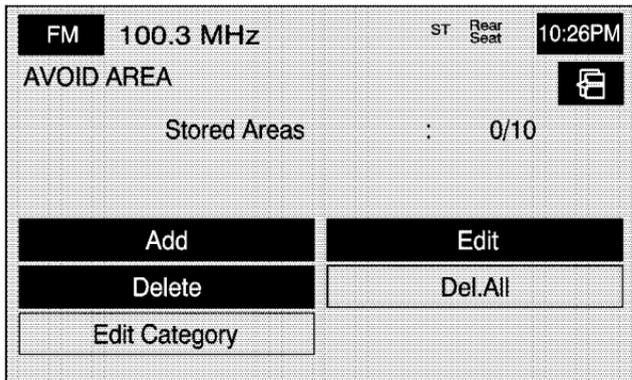
To change the name of the folder/category:

1. Select the desired folder/category from the MEMORY POINTS screen.
2. Select the Edit Category screen button.



3. Use the alpha keypad to change the name of the folder/category as desired.
4. Touch the OK screen button to save your changes.

**⚠ Avoid Area:** This feature allows you to store or delete an area to be avoided while planning a route. You can have up to 10 points stored.

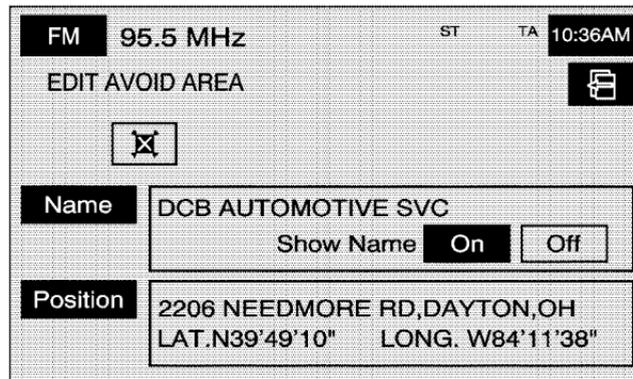


To store a point to be avoided while planning a route:

1. Touch Avoid Area from the MEMORY POINTS screen.
2. Touch Add from the AVOID AREA screen.
3. Select the desired method of entering a destination to enter the area to be avoided. See Enter Destination for more information. A map screen will appear displaying the selected location.
4. If desired, reduce or enlarge the area around the point you want to avoid by using the reduce or enlarge keys.
5. Touch OK to store the area.

To change the name of the point to be avoided:

1. Touch the Avoid Area screen button from the MEMORY POINTS screen.
2. Touch the Edit screen button from the AVOID AREA screen.
3. Select the point to be changed.



4. Touch the Name screen button.
5. Use the alpha keypad to add to or change the name.

6. Touch the OK screen button to save your changes.
7. Select the Show Name On screen button if you would like the name of the point to appear on the map screen.

To change the position of the point to be avoided:

1. Touch the Avoid Area screen button from the MEMORY POINTS screen.
2. Touch the Edit screen button from the AVOID AREA screen.
3. Select the point to be changed.
4. Touch the Position screen button.
5. Touch the map to move the location.
6. If desired, reduce or enlarge the area around the point you want to avoid by using the reduce or enlarge keys.
7. Touch OK to store the area.

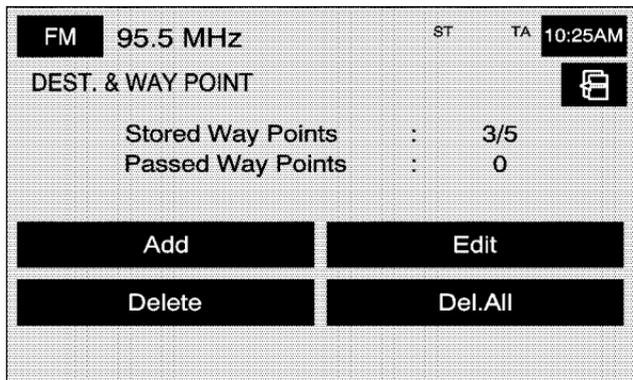
To delete a point to be avoided:

1. Touch the Avoid Area screen button from the MEMORY POINTS screen.
2. Touch the Delete screen button from the AVOID AREA screen.
3. Select the point you want to delete. Use the scrolling arrows as needed.
4. The Navigation System will display the map screen with the name of the point and a pop-up confirmation message. Touch Yes to have the point deleted; touch No to cancel the function.

To delete all of the points to be avoided:

1. Touch the Avoid Area screen button from the MEMORY POINTS screen.
2. Touch the Del.All screen button.
3. The Navigation System will display a pop-up confirmation message. Touch Yes to have all of the points deleted; touch No to cancel the function and return to the AVOID AREA screen.

 **Dest. & Way Pt.:** This feature allows you to store up to five waypoints to the current route.

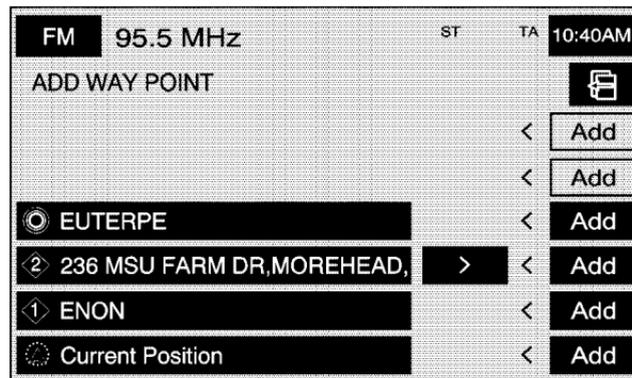


From this screen you can add, edit, or delete waypoints to your route.

To add a waypoint:

1. Touch the Dest. & Way Point screen button from the MEMORY POINTS screen.
2. Touch the Add screen button from the DEST. & WAY POINT screen.
3. Using the desired method of entering a destination, enter the way point. See Enter Destination for more information.

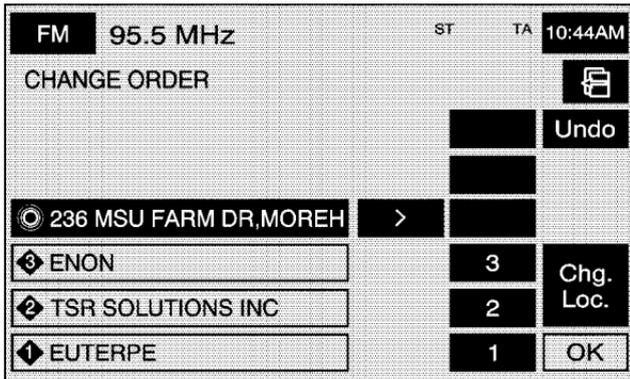
4. A map screen will appear with the way point marked.
5. Select the  (Way point) symbol on the map screen to save the way point.
6. Repeat Steps 2 - 6 to add up to five way points to your route. For the second through the fifth way points added, the Navigation System will display the ADD WAYPOINT screen.



7. Select the desired location/order that you want your newly added waypoint to fall in your route by touching the corresponding Add screen button. The Add and arrow screen buttons are located to show where the new way point is placed.

To change the order of the route:

1. Touch the Dest. & Way Point screen button from the MEMORY POINTS screen.
2. Touch the Edit screen button from the DEST. & WAY POINT screen.
3. From the CHANGE ORDER screen, select on the addresses in the order you would like them to fall on the route.



4. Select OK to save your changes.

To change the location of a way point:

1. Touch the Dest. & Way Point screen button from the MEMORY POINTS screen.
2. Touch the Edit screen button from the DEST. & WAY POINT screen.
3. Touch the Chg. Loc. screen button from the CHANGE ORDER screen.
4. From the CHANGE LOCATION screen select the point whose location needs to change.
5. A map screen will be displayed with the destination marked. Touch on the map to move the location of the waypoint.
6. Touch the OK screen button to save your changes. The Navigation System will return to the STORED LOCATIONS screen.

To delete a way point from your current route:

1. Touch the Dest. & Way Point screen button from the MEMORY POINTS screen.
2. Touch the Delete screen button from the DEST. & WAY POINT screen.
3. Select the way point/destination you want to delete.
4. The Navigation System will display the map screen with a pop-up confirmation message. Choose Yes to delete the way point; touch No to cancel this operation.

To delete all of the way points on your route:

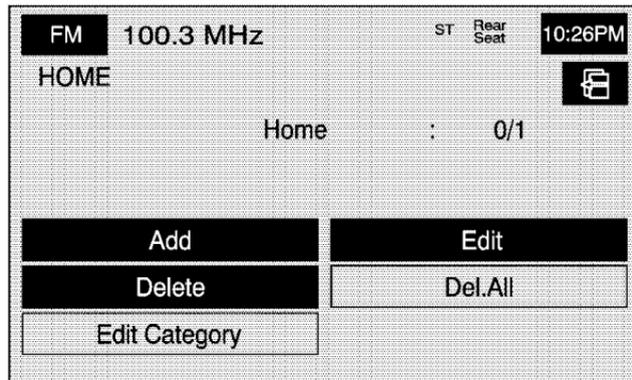
1. Touch the Dest. & Way Point screen button from the MEMORY POINTS screen.
2. Touch the Del.All screen button from the DEST. & WAY POINT screen.
3. The Navigation System will display the map screen with a pop-up confirmation message. Choose Yes to delete all of the way points; touch No to cancel this operation.

**🏠 Home:** This feature allows you to store/delete/edit a point to be stored as your home destination.

### Storing a Home Destination

This function allows you to set a destination and store it as home.

Touch this **🏠** (Home) screen button to access the HOME screen.



To store your home destination, do the following:

1. From a map screen, touch the Menu screen button. The NAV. (Navigation) MENU will be displayed.
2. Choose Memory Points.
3. Choose Home.
4. Choose Add to add a the destination.
5. Choose a destination entry method. See Enter Destination for more information.
6. Touch OK on the map screen and the destination will be stored. The home icon will now be highlighted on the DESTINATION ENTRY screen.

To edit your home destination, do the following:

1. From a map screen, touch the Menu screen button. The NAV. (Navigation) MENU will be displayed.
2. Choose the Memory Points screen button.
3. Choose the Home screen button.
4. Choose Edit from the HOME screen to change the location.
5. Touch the map to move the location of the point.
6. Touch OK to save your changes.

To delete your home point, do the following:

1. From a map screen, touch the Menu screen button. The NAV. (Navigation) MENU will be displayed.
2. Choose Memory Points.
3. Choose Home.
4. Choose Delete from the HOME screen.
5. The Navigation System will display the map screen with a pop-up confirmation message. Select Yes to delete the home position previously stored; select No to cancel the operation.

 **Previous Dest.:** This feature allows you to delete one or all previous destinations.

To delete a specific destination from your previous destinations list, do the following:

1. From a map screen, touch the Menu screen button. The NAV. (Navigation) MENU will be displayed.
2. Choose the Memory Points screen button.
3. Touch the Previous Dest. screen button.
4. Touch the Delete screen button.
5. Select a destination from the list displayed.
6. The Navigation System will display the map screen with a pop-up confirmation message. Select Yes to delete the destination previously stored; select No to cancel the operation.

To delete all destinations from your previous destinations list, do the following:

1. From a map screen, touch the Menu screen button. The NAV. (Navigation) MENU will be displayed.
2. Choose the Memory Points screen button.
3. Touch the Previous Dest. screen button.
4. Touch the Del.All screen button.
5. The Navigation System will display the map screen with a pop-up confirmation message. Select Yes to delete all of the destinations previously stored; select No to cancel the operation.

 **Preset Dests.:** This feature allows you to add, delete or change one of five preset destinations.

## Storing a Preset Destination

To store a preset destination, do the following:

1. From a map screen, touch the Menu screen button. The NAV. (Navigation) MENU will be displayed.
2. Press the Memory Points screen button.
3. Choose the Preset Dest. screen button.
4. Choose the Add screen button to add a preset destination, then choose the numbered preset icon you would like it to appear as.
5. Choose a destination entry method from the STORE PRESET DEST screen.
6. Set the destination. See for more information.
7. Touch OK on the map screen and the destination will be stored. It will now be highlighted on the DESTINATION ENTRY screen.

To edit the name of a preset destination, do the following:

1. From a map screen, touch the Menu screen button. The NAV. (Navigation) MENU will be displayed.
2. Press the Memory Points screen button.
3. Choose the Preset Dest. screen button.
4. Choose the Edit screen button from the PRESET DESTS. screen.
5. Select the preset destination whose name you want to edit.

FM 95.5 MHz ST TA 10:42AM

EDIT PRESET DEST. 

Name  Show Name  On  Off

Position MORNINGSIDE DR, GROSSE POINTE  
LAT. N42°26'19" LONG. W82°53'8"

Tel.  

6. Touch the Name screen button and use the alpha keypad to edit or add the name.
7. Touch the OK screen button to save your changes. The new name will then be displayed.

To change the position of a preset destination, do the following:

1. From a map screen, touch the Menu screen button. The NAV. (Navigation) MENU will be displayed.
2. Press the Memory Points screen button.
3. Choose the Preset Dests. screen button.
4. Choose the Edit screen button from the PRESET DESTS. screen.
5. Select the preset destination whose position you want to change.
6. Touch on the map to move the location/position point on the map.
7. Touch the OK screen button to save your changes.

To add or change the phone number of a preset destination, do the following:

1. From a map screen, touch the Menu screen button. The NAV. (Navigation) MENU will be displayed.
2. Press the Memory Points screen button.
3. Choose the Preset Dests. screen button.
4. Choose the Edit screen button from the PRESET DESTS. screen.
5. Select the preset destination whose phone number you want to change.
6. Touch the Tel. screen button and use the numeric keypad to input or change the phone number.
7. Touch the OK screen button to save your changes.

**Display Memory Pt. Icons:** Touch this screen button to display memory point icons on the map screen. When highlighted, the feature is on. When dark, the feature is off.

**Calculate:** Touch Calculate to calculate your route.

## Maps

This section includes basic information that you need to know about the map database.

### Regional Maps

The maps are stored on a DVD. The 48 contiguous United States and portions of Canada are contained on one disc.

If a regional map does not contain a specific city, the map DVD may not contain the city or it may be misspelled.

Refer to the Navigation System Map Disc manual to view a detailed explanation of map coverage and detailed city lists in each region. This manual will be in your map DVD case when the vehicle is delivered from the factory.

### Installing the Map DVD

When your vehicle is delivered from the factory, the dealer may have installed the map DVD. If the map DVD was not installed in your vehicle when first purchased, use the following directions to load the map DVD:

Read the following steps completely before operating this feature.

1. Turn the ignition on.
2. Load the map DVD into the slot located just below the navigation system screen by inserting it partially until the system pulls it in.

Once the map DVD is inserted correctly, you will have the following two choices:

**Agree:** Touch this screen button to proceed to the navigation system.

 **(Language):** Touch this screen button to change the language of the navigation system. See “Language” under *Personalization on page 5-2* for more information.

Once a language has been selected, touch Agree to enter the navigation system. The map will appear showing your current vehicle position.

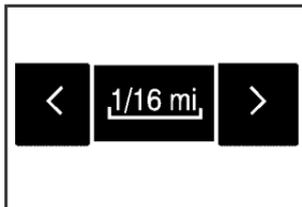
### Setting the Search Area

See *Enter Destination on page 2-6* for information on changing the search area.

### Map Adjustments

The system allows you to adjust the scale of view on the map. Also, as you drive, the map will scroll automatically based on the direction you are traveling.

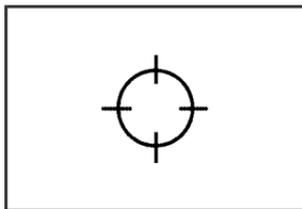
## Map Scales



To view a larger or smaller scale of the map, touch the map scale arrows.

You can change the level of map detail by either zooming in or zooming out using the arrow screen buttons or by touching the scale on the bar. The system will adjust the map accordingly. The scale of a map can range from 1/32 of a mile (0.05 km) to 128 miles (256 km).

## Scrolling the Map



Touch anywhere on the map screen twice and the scroll symbol will appear. Use this feature to scroll across the map.

You can hold your finger in any direction outside of the scroll symbol and the map will continue to scroll in that direction until you remove your finger from the map screen.

If scrolling while your vehicle is in PARK (P), the system will scroll initially at a slower rate. It will increase if you continue touching the map screen.

If scrolling while your vehicle is in motion, you have one scroll speed and a limited distance to scroll. You have to keep touching the map screen to scroll for a longer distance.

If you have used the scroll feature to scroll the map and your vehicle icon becomes lost, press the map hard key to return to the current vehicle location on the map.

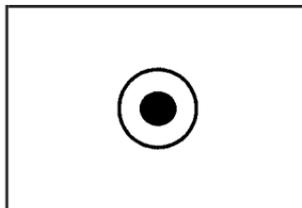
When scrolling on the map without a planned route, the system will display the route from your current position to the destination mark.

You can use the scroll feature on the map to set a destination. See "Map" under *Enter Destination* on page 2-6 for more information.

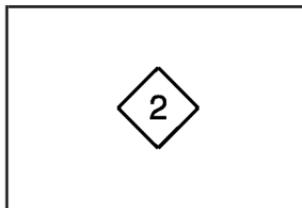
## Symbols

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

 **(Current Position):** Your vehicle is shown as this symbol. It indicates the current position and heading direction of your vehicle on the map.

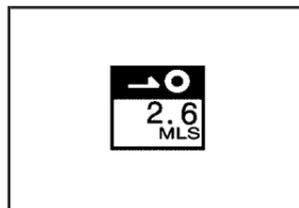


The destination symbol will appear on the map after a route has been planned marking your final destination.

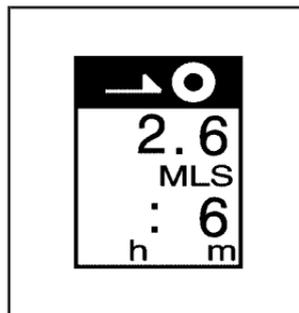


The waypoint symbol will be displayed on the map after a waypoint has been added to your route.

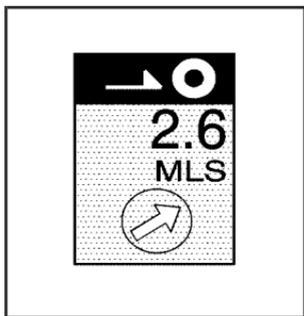
The waypoint symbol will be numbered from one through five depending on how many waypoints have been set.



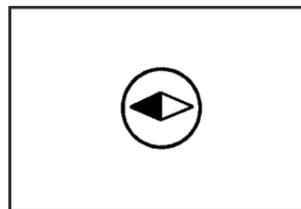
The distance to destination symbol indicates the distance to your final destination. It only appears when time is not available or when you are scrolling on the map without a route planned.



The distance and time to destination symbol indicates the distance and the estimated time remaining to your final destination or arrival time, depending on the option selected. See *Configure Menu* on page 2-49 for more information.

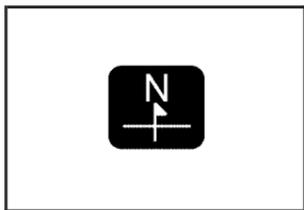


The straight line to distance symbol shows the straight-line distance to your destination.



The heading up symbol indicates the map with the vehicle travel direction up, known as Heading Up mode.

This symbol will appear before you start driving on the route or if you are on a road where navigation guidance cannot be given.

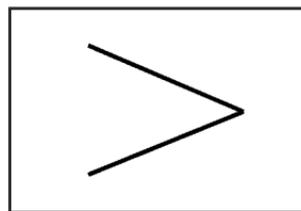


The north up symbol indicates the map with North Up, known as North Up mode.

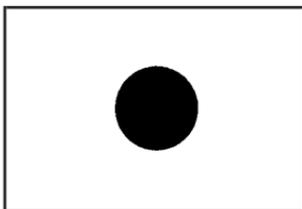
While in North Up mode, the vehicle icon will follow the north direction on the map regardless of which direction the vehicle is traveling. Touch this screen symbol to switch between North Up and Heading Up modes.

The shaded triangle indicates the North direction. While in Heading Up mode, the direction your vehicle is traveling will always be at the top of the map screen. The vehicle icon will always be headed in the direction your vehicle is traveling. Touch this screen symbol to switch between Heading Up and North Up modes.

 **(No GPS):** This symbol will appear in the upper right corner of the map screen, under the heading direction symbol, when your vehicle is not receiving a Global Positioning System (GPS) satellite signal. See *Global Positioning System (GPS)* on page 2-59 for more information.

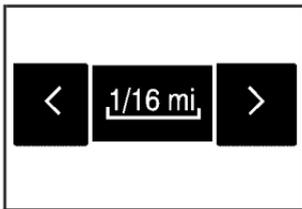


When a name is too long to be displayed, an arrow symbol will appear. Touch the right or left arrow screen button to scroll through the entire name.



This symbol indicates the position of the next guidance maneuver.

The following symbols can also be found on a map screen:

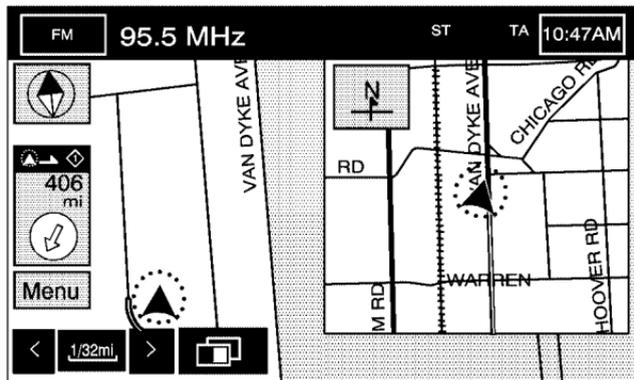


Touch this symbol to display the scale on the map, allowing you to zoom in and out.

 **(Guidance Window Appearance on Map):** Touch this symbol to change the guidance window appearance. You can select from one of the following options. Availability of these options depends on the route.

 **(Map Appearance):** Touch this symbol to show the map screen.

 **(Dual View):** Touch this symbol to change the guidance window to dual map mode when under Route Guidance. This mode will show two map screens and each can have a different scale level and different POIs. Touch the map to change the heading direction, scale and to add or delete POIs.



 **(Turn List):** Touch this symbol to change the guidance window to display turn list guidance on the map screen when under Route Guidance. This mode displays several maneuvers at a time.

 **(Next Turn):** Touch this symbol to change guidance mode to display mode guidance on the map screen when under Route Guidance. This mode allows you to see more of the map screen and displays a small guidance window with the direction and distance of the upcoming maneuver.

 **(Next Maneuver):** Touch this symbol to display only the next maneuver along with a small map of the maneuver.

 **(Highway Guidance):** Touch this symbol to display highway guidance on the map screen. The Navigation System will go into this mode any time you have a route on a freeway, unless you change it manually. When in this mode, the Navigation System provides the upcoming exit number, distance to the exit, and available POIs at the exit. You can use the up and down arrows to scroll through the list displayed. Select an exit to view available POIs and select the map button to go to that location on the map.

 **(Destination):** Touch this symbol to set the current route as the final destination.

 **(Waypoint):** Touch this symbol to enter a waypoint along the current route. This allows you to have more than one destination planned at a time.

 **(Memory Point):** Touch this symbol to store the location on the screen as a memory point. The memory point will be stored in the Marked Point folder/category.

 **(Back):** Touch this screen button to return to the previous page.

 **(Cancel):** This screen button will return you to the Navigation menu.

## Auto Reroute

When your destination is set and you are off the planned route, the system will automatically plan a new route and begin to reroute. You will be able to see the new route highlighted on the screen.

## Traveling Across Regions

If you plan to drive across many states, you may have to change the region selected to represent the area you are traveling to. To do so, do one of the following:

1. Change the selected region in the search area when you get closer to the area you are traveling to. See *Enter Destination on page 2-6* or,
2. Change the selected region in the search area when entering your destination and route settings. See *Enter Destination on page 2-6*.

For example, if you were traveling from Michigan to Florida, change the region currently selected in the search area to Florida. Enter a destination in Florida under the DESTINATION ENTRY menu.

## Keyless Access System

When you start your vehicle, you will see Driver 1 or Driver 2 displayed on the cluster. If personalization is turned off in feature programming, a message will not appear on the cluster. The number on the back of the RKE transmitter corresponds to driver 1 or driver 2. The navigation system can store memory points for driver 1 and 2 individually. See *Personalization on page 5-2* for more information.

## OnStar® System



With an active OnStar® subscription with personal calling, you can make telephone calls from your vehicle, using the Navigation System screen to enter the numbers.

**OnStar®:** Touch this screen button to access the OnStar® phone screen. Touch the AUX hard key to access this button. This screen is not available while driving.

**(Place/End Call):** Touch this screen button to place your phone call. While in a call this button will be red and can then be used to end your call.

**Tone Send:** Touch this screen button send touch tone data. This button will become available during a phone call. This function is used when you need to enter numbers in response to an automated phone request, such as when check your voice mail or are asked to choose menu items.

**Incoming Call:** When receiving an incoming call, a pop-up message will be shown on the screen with two place/end call screen buttons, one green and the other red. Touch the green button to answer the call. Touch the red button to reject the call.

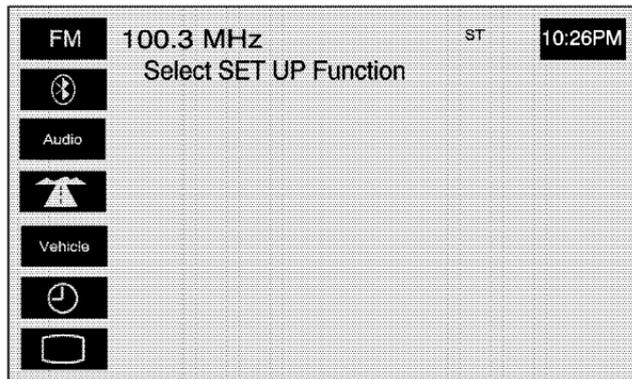
When using the OnStar® system, the audio system will be muted. The volume of an OnStar® call can be adjusted by using the steering wheel controls or the volume knob on the Navigation System. See “OnStar® System” in the index of your vehicle’s owner manual for more information.

## Using the OnStar® Screen to Make a Phone Call

To make a phone call using the OnStar® screen do the following:

1. Press the AUX hard key.
2. Touch the OnStar® screen button.
3. Enter the phone number using the numeric keypad.
4. Touch the place/end call screen button to place the phone call.
5. If you need to use the tone send button for checking voice mail or responding to an automated request, enter the appropriate number(s) using the keypad and then touch the tone send button. Once that set of numbers has been sent, the tone send button will be dimmed until another set of numbers is input on the keypad.
6. To end the call, touch the place/end call screen button. It will be red while you are on the call.

## Configure Menu



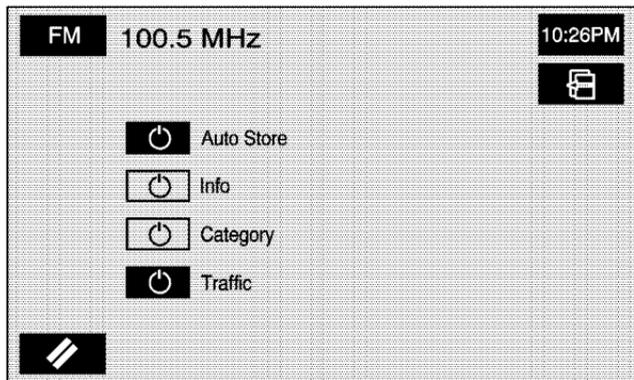
Press the CONFIG hard key to access this menu, allowing you to adjust several of your system's features and preferences.

## Bluetooth®

 **(Bluetooth®):** Touch this screen button to access the Bluetooth® setup screen. See *Bluetooth® Phone on page 6-2* for more information on the Bluetooth® system.

## Audio

Touch the Audio screen button to access a screen where several audio features may be turned on and off and several options are available for adjustment. The screen buttons next to each option will be highlighted if chosen to be on. The items on this menu will depend on which audio source is selected.

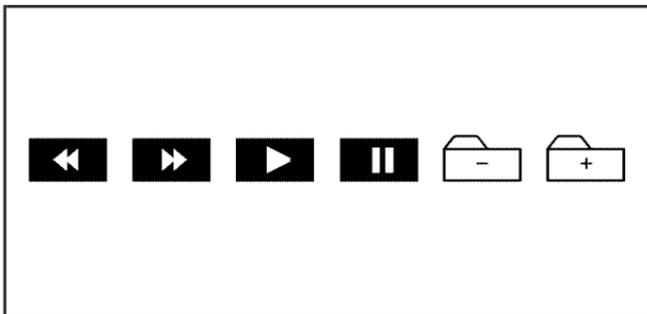


**Auto Store:** Touch this button to turn the Auto Store on for the current audio source selected. When on, this button will appear on the main audio screen. This button is not available when in XM™ audio mode.

**Info (Information):** This information will change depending on what audio source is selected. This button is available when you are using the FM or XM™ audio modes. Touch this button to turn the Info function on. When on, the button will be available to select from the audio main menu.

**Category:** This information will change depending on what audio source is selected. This button is only available when you are using the FM or XM™ audio modes. Touch this button to turn the Category function on. When on, the button will be available to select from the audio main menu.

**Traffic:** This button is only available when you are using the FM or CD/DVD audio modes. When on, the Navigation System will search for stations that broadcast traffic announcements. See *Navigation Audio System on page 3-2* for more information.



When in CD/MP3 mode select this on if you want to use these functions while listening to a CD/MP3 disc.

**Audio Language:** Select this button to view a list of language choices. Select the desired language. The list of languages will depend on the languages supported by the inserted disc. This button will allow you to change the language spoken.

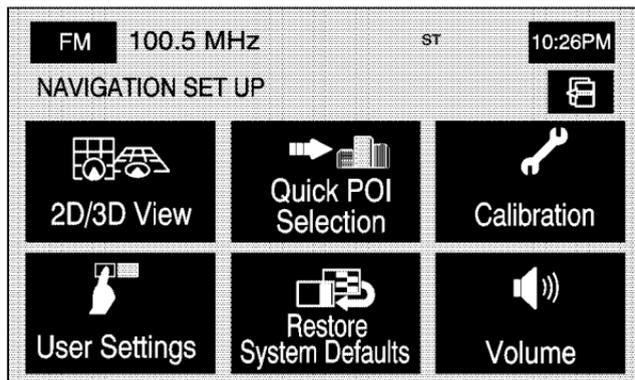
**Subtitle Language:** Select this button to view a list of languages to choose for subtitles. The list of languages will depend on the languages supported by the inserted disc. Select the language desired.

**Menu Language:** Select this button to view a list of languages to choose for the DVD menu text. The list of languages will depend on the languages supported by the inserted DVD.

**Parental Level:** Select this button if you choose to set up parental protection. Use the keypad to enter the password. Select from options such as change level and change password, as necessary.

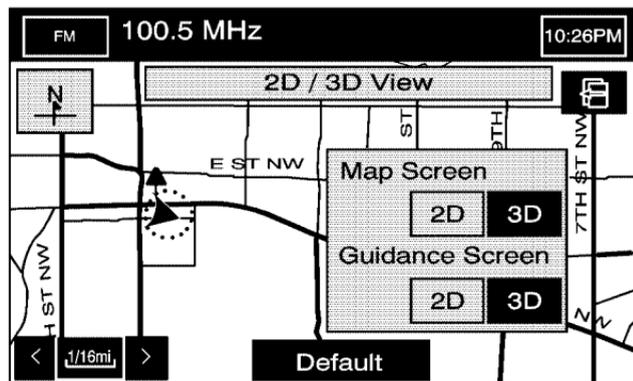
## Navigation Set Up

 **(Navigation Set Up):** Touch this screen button to access the NAVIGATION SET UP screen.

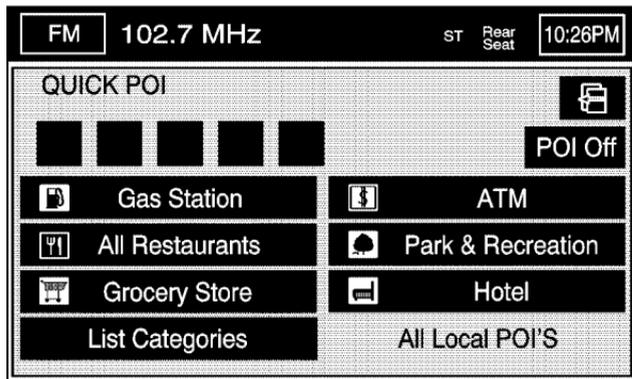


From this menu, several options are available for adjustment:

 **2D/3D View:** This option allows you to change the view of the map screen and the guidance screen between a 2-dimensional and 3-dimensional view. When changing the map to the 3-dimensional view, use the up/down arrows to change the angle of the map. Select Default to return to the factory settings.

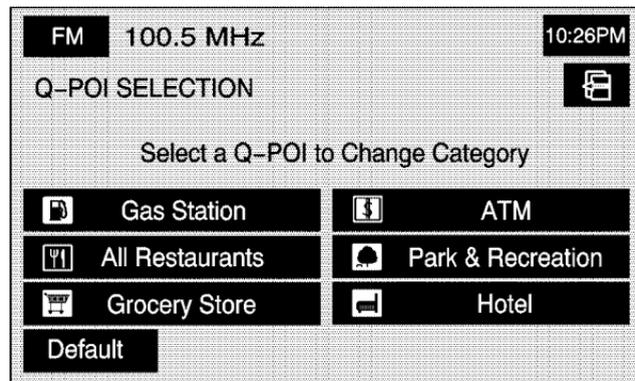


 **Quick POI Selection:** This option allows you to set six Point of Interest (POI) categories that you can select from while driving. To select from these categories while driving, touch anywhere on the map or press the POI screen button on the map screen.



To set the Quick POI selection, do the following:

1. Touch the Quick POI Selection screen key.
2. Select the category you would like to replace.

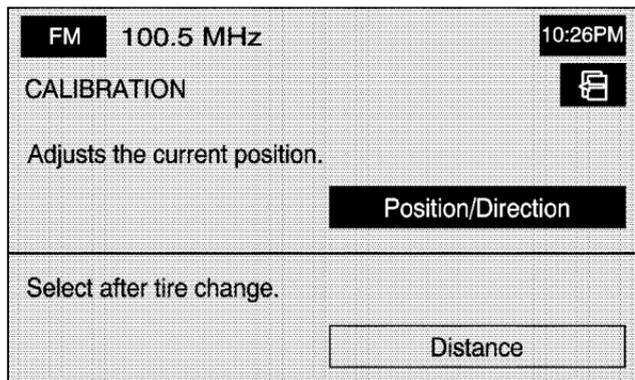


3. Select a Quick POI category from the Quick POI selection menu list.
4. Pick the subcategory from the list that appears.
5. The system automatically returns to the Quick POI Selection screen. Your category changes are now saved.
6. To change back to the system generated choices, touch the Default screen key.

To remove the POI icons from the map screen, do the following:

1. Touch the Quick POI Selection screen key.
2. Touch the POI Off screen key. The current POI icons will be removed from the map screen.

 **Calibration:** This option allows you to recalibrate the navigation system.

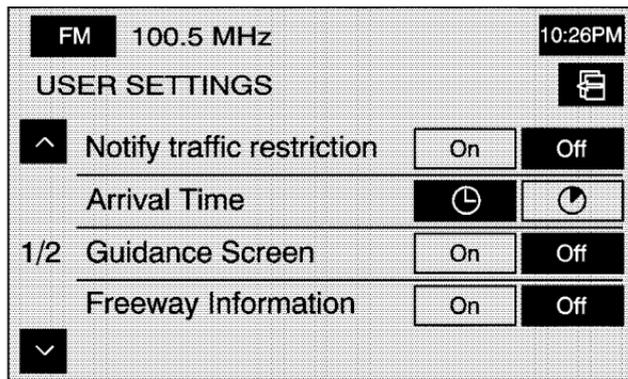


Once you enter the Calibration screen, you have the choice to either adjust your vehicle's position or to adjust the vehicle speed signal.

To correct the position of your vehicle on the map (if your vehicle has been shipped, for example) or to change to the current position, touch the Position/Direction screen key.

If there are tire pressure differences or a spare tire is installed, the Navigation System will automatically re-calibrate the system but it may take longer. To calibrate the vehicle speed signal, touch the Distance screen key.

 **User Settings:** This option allows you to turn on and off several other route guidance setting options.



From this screen, you can adjust the following:

**Notify traffic restriction:** This option instructs the system to notify you when the current route has traffic restrictions.

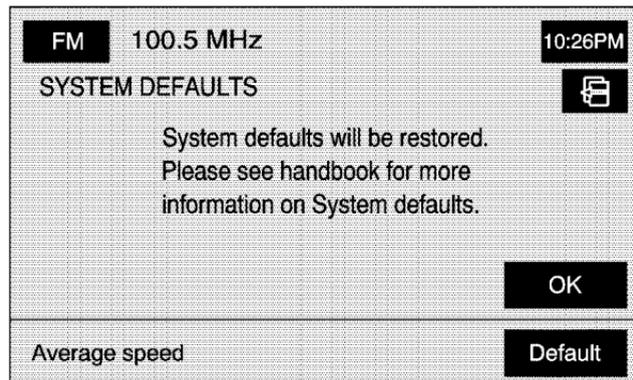
**Arrival Time** ⌚ (**Time of Arrival**): This option will display the estimated time of arrival to your destination.

**Arrival Time** 🕒 (**Time to Destination**): This option will display how much time remains to reach your destination.

**Guidance Screen:** This option will turn the guidance screen on and off.

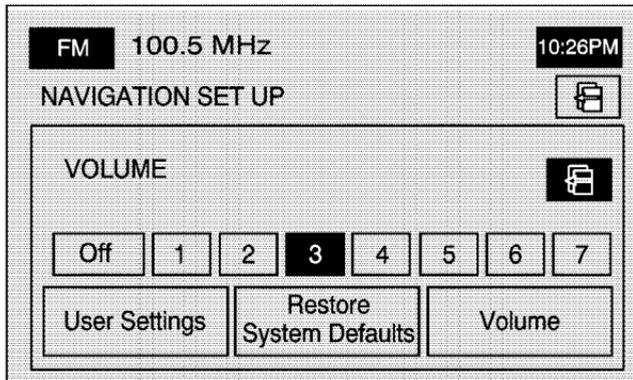
**Freeway Information:** This option will display freeway information in the guidance window while on a route.

**Text size on map:** This option allows you to adjust the text size on the map between Large, Medium, and Small. This option is located on the second page of the USER SETTINGS screen. Touch the down arrow to access this option.



**Restore System Defaults:** Select this option from the NAVIGATION SET UP screen to change all adjustable system settings to factory defaults.

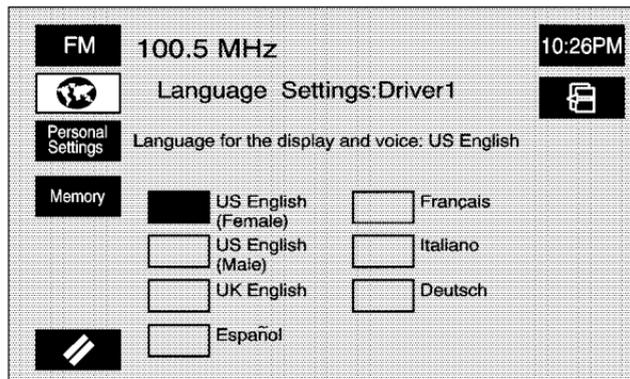
**Average Speed:** Select this option to set the average speed to default.



**Volume:** This option allows you to adjust the volume of voice guidance prompts and the voice recognition system. You may also choose to turn voice guidance prompts off.

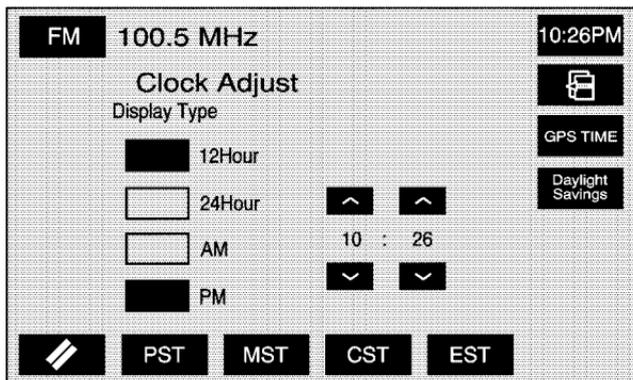
## Vehicle

**Vehicle:** Touch this screen button to access the vehicle information menu. From this menu, you can adjust such options as the language, personal settings, and memory options. See *Personalization on page 5-2* for more information on these features.



## Clock

⌚ **(Clock Adjust):** Touch this screen button to access the Clock Adjust screen and adjust several time features.



From this screen, you can adjust the following:

**12Hour:** Touch this screen button to display the time in standard AM/PM format.

**24Hour:** Touch this screen button to display the time in military format.

**AM:** Touch this screen button when setting the time in AM.

**PM:** Touch this screen button when setting the time in PM.

**PST, MST, CST, EST:** Touch one of these screen buttons to choose between Pacific Standard Time (PST), Mountain Standard Time (MST), Central Standard Time (CST), and Eastern Standard Time (EST).

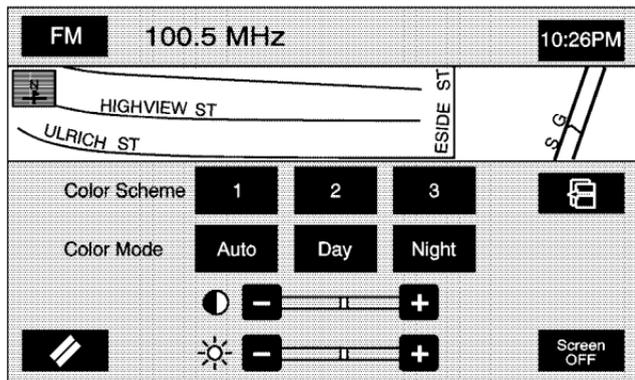
**GPS TIME:** Touch this screen button to match the navigation system's time to GPS time.

**Daylight Savings:** Touch this screen button to increase the time by one hour. Touch this screen button again to turn this feature off and decrease the time by one hour.

**^ / v :** Touch the up arrow to increase the hour or minutes. Touch the down arrow to decrease the hour or minutes.

## Screen Appearance

 **(Screen Appearance):** Touch this screen button to access the appearance screen menu.



From this menu, several options may be adjusted:

**Color Scheme:** This option allows you to choose between three different screen color schemes by touching 1 (blue), 2 (green), or 3 (brown).

**Color Mode:** This option allows you to adjust your screen mode between Auto, Day, and Night. Day mode will change the navigation system screen to a lighter background for better viewing in the daytime. Night mode will change the navigation system screen to a darker background for better viewing at night. Auto mode will adjust the screen automatically depending on exterior lighting conditions.

 **(Contrast):** This feature allows the adjustment of contrast of the navigation screen. Touch the plus (+) or minus (-) signs on either side of the contrast bar graph to increase or decrease the contrast.

 **(Brightness):** This feature allows the adjustment of brightness of the navigation screen. Touch the plus (+) or minus (-) signs on either side of the brightness bar graph to increase or decrease the brightness.

**Screen OFF:** This feature allows you to turn the navigation screen off. Touch any hard key to turn the screen back on.

## Global Positioning System (GPS)

The Navigation System determines the position of your vehicle by using satellite signals, various vehicle signals and map data.

At times, other interferences such as the satellite condition, road configuration, the condition of the vehicle and/or other circumstances can interfere with the Navigation's ability to determine the accurate position of the vehicle.

The GPS shows the accurate current position of your vehicle using signals sent by the GPS Satellites of the United States Department of Defense. When your vehicle is not receiving signals from the satellites, a symbol will appear on the map screen. Refer to *Symbols* on page 2-43.

This system may not be available/or interference may occur if the following happens:

- Signal obstructions caused by tall buildings, large trucks, tunnels,
- objects located on top of the instrument panel,
- satellites will not send signals if they are being repaired or improved,
- after-market glass tinting has been applied to the vehicle's windows.

**Notice:** Do not apply after-market glass tinting to the vehicle's windows. Glass tinting will interfere with the system's ability to receive GPS signals and cause the system to malfunction. You might have to replace the window to correct the problem. This would not be covered by your warranty.

For more information if you are experiencing a problem, see *If the System Needs Service* on page 2-62 and *Problems with Route Guidance* on page 2-61.

## Vehicle Positioning

At times, the position of the vehicle on the map may 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 in sand, gravel and/or snow.
- The vehicle is traveling on winding roads.
- The vehicle is on a long straight road.
- The vehicle is approaching a tall building or a large vehicle.
- The surface streets run parallel to a freeway.
- The vehicle has just been transferred by a vehicle carrier or a ferry.
- The current position calibration is set incorrectly.
- The vehicle is traveling at high speed.
- The vehicle changes directions more than once, or when the vehicle is turning on a turn table in a parking lot.

- The vehicle is entering and/or exiting a parking lot, garage or a lot with a roof.
- The GPS signal is not received.
- A roof carrier is installed on your vehicle.
- The vehicle is equipped with tire chains.
- The tires are replaced.
- The tire pressure for your tires is incorrect.
- The tires are worn.
- The first time the map DVD is inserted.
- The 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.

If you experience problems with your system, you may need to calibrate the system. This may be due to tire pressure differences, or if a spare tire is installed. To calibrate the system, see *Configure Menu on page 2-49*.

## Problems with Route Guidance

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

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

- Automatic rerouting may display a route returning to the set waypoint if you are 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 may not be searched.
- The route to the destination may not be shown if there are new roads, if roads have recently changed or if certain roads are not listed on the map DVD. See *Ordering Map DVDs on page 2-62*.

To recalibrate the vehicle's position on the map, see *Configure Menu on page 2-49*.

## If the System Needs Service

If your system needs service and you have followed the steps listed here and still are experiencing problems, see your dealer for assistance. For more information on calibrating the system, see *Configure Menu on page 2-49*.

## Ordering Map DVDs

The map DVD in your vehicle is the most up-to-date information available when your vehicle was purchased. The map DVD is updated once a year, provided that the map information has changed. To order a new map DVD, contact your dealer.

## Database Coverage Explanations

The United States, excluding Alaska and Hawaii, and portions of Canada are contained on one DVD disc. The map database contains three different levels of coverage: detailed areas, non-detailed areas and limited guidance areas. Detailed areas are available for the United States and Canada and are primarily located around metropolitan areas. Limited guidance areas are only available for the United States. The roads are displayed on the map, but route and voice guidance is not available. Non-detailed areas are available for Canada only. Major roads are included depending upon available coverage.

For more detailed information on database coverage, see the Navigation System Map Disc manual included inside the map DVD case.

## Section 3 Navigation Audio System

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<b>Navigation Audio System</b> .....	3-2
Six-Disc CD/DVD Changer .....	3-12
Radio Personalization .....	3-23

## Navigation Audio System

**Notice:** Before adding any sound equipment to your vehicle, like a tape player, CB radio, mobile telephone, or two-way radio, make sure that it can be added by checking with your dealer. Also, check federal rules covering mobile radio and telephone units. If sound equipment can be added, it is very important to do it properly. Added sound equipment may interfere with the operation of your vehicle's engine, radio, or other systems, and even damage them. Your vehicle's systems may interfere with the operation of sound equipment that has been added improperly.

Your vehicle has a feature called Retained Accessory Power (RAP). With RAP, the audio system can be played even after the ignition is turned off. See "Retained Accessory Power (RAP)" in your vehicle's owner manual for more information.

The audio system is operated using navigation system menus. The audio menus are explained in this section.

## Playing the Radio

 **(Power/Volume):** Press this knob to turn the audio system on and off. Turn the knob to the right to increase or to the left to decrease the volume to the audio system.

**BAND:** Press this key to switch between AM, FM, XM, if equipped, or WX, if equipped. If you are on a map screen and press this key, the menu will not change, but the audio source will.

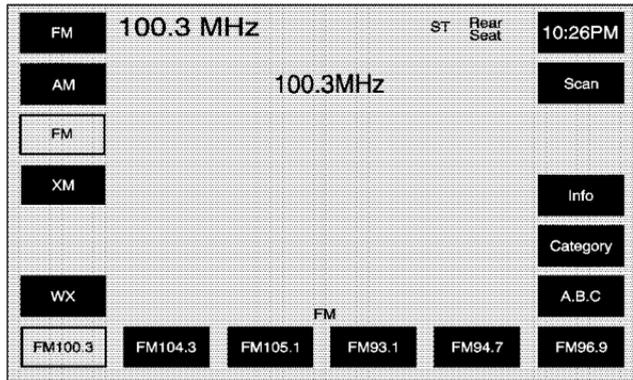
**SRCE (Source):** Press this key to change the audio source from the radio band to CD, audio DVD, or video DVD, depending on what is loaded in the six-disc DVD changer, or from DVD/CD to radio mode.

 **(Audio):** Press this key to view the AUDIO ADJUST screen. See "Audio Adjust" screen later in this section.

 **(Seek/Scan):** Press the up or down arrow to go to the next or previous station and stay there, or press and hold for less than 2 seconds to go into scan mode. To stop scanning, press either arrow again or touch the scan button on the screen.

**Tuning Knob:** Turn this knob to go to the next or previous station and stay there.

## Finding a Station



### FM source shown, other sources similar

Press the BAND hard key to toggle between AM, FM, XM, if equipped, or WX, if equipped. Or, touch the desired audio source to select it. To search for a station use the tune, seek, or Scan button.

**SCAN:** To scan stations, touch the Scan screen button. The radio will go to a station, play for a few seconds, then go on to the next station. Touch Scan again to stop scanning.

To scan preset stations, touch and hold Scan for two seconds. Touch Scan again to stop scanning. While in A.B.C mode, the system will change bands and screens to the current band.

If available on your vehicle, you can also use the 1 - 6 (preset seek) steering wheel control to seek through your preset stations.

**Info (Information):** Touch Info to display information broadcasted by the RDS station when in FM mode or XM™ radio station you are listening to. See "Radio Data System (RDS)" or "XM™ Satellite Radio Service" later in this section.

**Category:** Touch this button when in FM mode to have the program types appear on the preset. Select a category and the system will start scanning for available stations within the selected category. If none are found the system will display "None Found" and will return to the last selected station. Each of the six category names displayed on the presets include a grouping of other program types. In AM and WX modes, the Category option is not available.

**A.B.C:** This button allows you to scroll through the 7 preset lists. The list names are A - G. Each list can store 6 presets. The presets within each list can be mixed, AM, FM, or XM, if equipped. Press the left/right arrow buttons to scroll through the list. The name of the list is displayed between the two arrows and the presets for each list are displayed on the preset buttons. To exit this mode, press the A.B.C screen button.

**[ ] (No Traffic Announcements):** This symbol will appear on the status line when traffic is selected, but the station does not broadcast traffic announcements.

**[TA] (Traffic Announcements):** This symbol will appear on the status line when the station selected broadcasts traffic announcements. TA announcements will depend on the station.

## Preset Station Menu

### Storing Dedicated Presets

This feature allows you to store up to 24 dedicated presets. In this mode, you can only store six AM, six FM, six XM (if equipped) and six WX (if equipped). To store presets, do the following:

1. Turn the audio system on.
2. Touch the desired audio source for the station you wish to set.

3. Tune in the desired station by using the SEEK/SCAN hard key.
4. Touch and hold one of the six preset buttons for more than two seconds or until you hear a beep.
5. Repeat the steps for each preset desired.

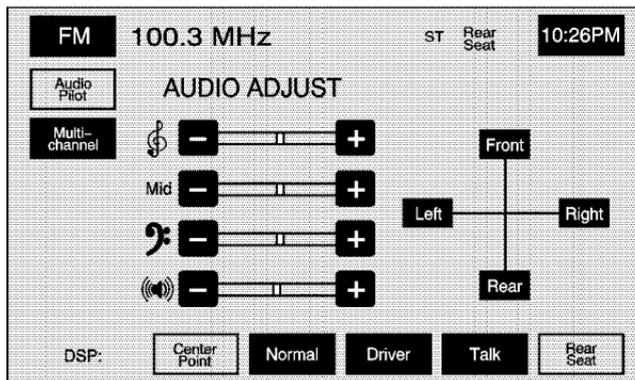
### A.B.C Preset Mode

This feature allows you to store up to 42 presets, six each in seven different preset lists. These presets are in addition to any dedicated presets that may be stored. To store the A.B.C presets, do the following:

1. Select the A.B.C screen button.
2. Scroll to the desired list (A - G).
3. Touch the desired audio source (AM, FM, XM, if equipped, or WX, if equipped) for the station you wish to set.
4. Use the tune knob or seek up/down hard key buttons to tune in the station you wish to set.
5. Press and hold the desired preset number until you hear a beep.
6. Repeat the above process for each preset and list.

## Audio Adjust

**🎵 (Audio Adjust):** Touch this hard key to access the AUDIO ADJUST menu and to adjust the tone, Digital Signal Processing (DSP), fade, and balance for all sources.



To adjust the DSP, see “Adjusting the Speakers” following in this section. To adjust the tone settings, do the following:

**🎵 (Treble):** Touch the plus (+) or minus (-) sign next to this symbol to increase or decrease the treble. Touch the center position to adjust the setting to the center.

**Mid (Mid-range):** Touch the plus (+) or minus (-) sign next to this symbol to increase or decrease the mid-range. Touch the center position to adjust the setting to the center.

**🎵 (Bass):** Touch the plus (+) or minus (-) sign next to this symbol to increase or decrease the bass. Touch the center position to adjust the setting to the center.

**🔊 (Speaker):** Touch the plus (+) or minus (-) sign next to this symbol to increase or decrease the speaker when in surround mode or Center Point DSP setting is selected. This feature allows you to increase or decrease the amount of surround sound. Touch the center position to adjust the setting to the center.

To adjust the balance or fade, do the following:

1. Touch Left or Right to adjust the balance of the speakers. Touch the center position to adjust the setting to the center.
2. Touch Front or Rear to adjust the fade of the speakers. Touch the center position to adjust the setting to the center.

Your system is designed to automatically store the audio adjustment settings. If you want to program them yourself, use the following procedure:

1. Press the BAND hard key until the desired source appears on the display.
2. Touch the AM, FM, XM, WX, and A.B.C screen buttons to access the preset screen and select the desired preset.
3. Touch the audio adjust (🎵) screen button.
4. Make the audio adjustments desired. Set the level for treble, mid, bass, fade, balance, and DSP.
5. When you have finished the adjustments, the Navigation System will automatically store them with the selected preset.

**Audio Pilot:** With this feature, your audio system compensates for unwanted noise in the vehicle. AudioPilot® automatically adjusts the volume level so that it always sounds the same to you. To use AudioPilot®, touch the AudioPilot® screen button. To turn it off, touch the screen button again. When this feature is on, the button will be highlighted. For additional information on AudioPilot®, please visit [www.bose.com](http://www.bose.com).

**Multi-channel:** When available, touch this screen button to play the DVD Audio source in surround mode. Touch this screen button again to have the audio play in 2-channel mode. The function depends on the media in the DVD changer.

## Adjusting the Speakers

The Digital Signal Processing (DSP) feature is used to provide a choice of five different listening experiences. DSP can be used while listening to the audio system or the six-disc DVD changer. The type of DSP selected is displayed on the status line.

You may choose from the following DSP settings:

**Center Point:** Touch this screen button to adjust the audio to get the best sound quality when listening to an XM™ audio source or CD/DVD. This feature creates a multi-channel experience from CDs containing stereo recordings. This feature is not available in AM and FM audio modes.

**Normal:** For non-surround sound sources only. Touch this screen button to adjust the audio to be in normal mode. DSP will be in the off mode.

**Driver:** For non-surround sound sources only. Touch this screen button to adjust the audio to give the driver the best possible sound quality.

**Talk:** For non-surround sound sources only. Touch this screen button when listening to non-musical material such as news, talk shows, and sports broadcasts. The Talk DSP setting makes spoken words sound clear.

**Rear Seat:** For non-surround sound sources only. Touch this screen button to adjust the audio to give the rear seat occupants the best possible sound quality.

## Radio Data System (RDS)

The audio system has a Radio Data System (RDS). RDS features are available for use only on FM stations that broadcast RDS information. With RDS, the radio can do the following:

- Seek to stations broadcasting the selected type of programming
- Receive announcements concerning local and national emergencies
- Display messages from radio stations
- Seek to stations with traffic announcements

The RDS system is always on. When information is broadcast from the FM station you are listening to, the information will be displayed on the audio screen.

## XM™ Satellite Radio Service

XM™ is a satellite radio service that is based in the 48 contiguous United States. XM™ offers 100 coast-to-coast channels including music, news, sports, talk, and children's programming. XM™ provides digital quality audio and text information, including song title and artist name. A service fee is required in order to receive the XM™ service. For more information, contact XM™ at [www.xmradio.com](http://www.xmradio.com) or call 1-800-852-XXXM (9696).

While in XM™ mode, the Artist Name/Feature, Song/Program Title, and Channel Category will update and be displayed on the screen as new information becomes available.

**Info (Information):** Touch this screen button to allow the ability to display additional Information messages as they become available.

**XL (Explicit Language Channels):** XL on the radio display, after the channel name, indicates content with explicit language. These channels, or any others, can be blocked at a customer's request, by calling 1-800-852-XXXM (9696).

**Category:** Select the Category button to search for a station using a category. The categories are displayed on the preset area. Use the arrows to the left of the category button to scroll through the available categories. The current category name is displayed in the middle of the arrows. The category display on the screen will time out after 6 seconds if you do not select anything. While in category mode, you can scroll through the category list, select a category type and then scroll through the channels available in each list. To exit the category mode press the Category button again.

Group Name	Category
POP	Rock Classic Rock Adult Hits Top 40 Oldies Music Nostalgia College
EASY	Soft Rock Soft R&B Soft R&B Religious Music
TALK	News Information Sports Talk Language Religious Talk Personality Public Weather
CNTRY	Country Music
CLASS	Classical
JAZZ	Jazz Music

To select a category, do the following:

1. Select the XM™ audio source.
2. Select the Category screen button.
3. The Navigation System will display the available category on the presets.
4. Use the left and right arrows to scroll through the presets or use the seek up/down hard key to go to the next category.
5. Select the desired category by touching it from the screen.

To view the available channels within the category, select the category as explained above, and then use the tune knob or seek button to scroll through the available channels within the selected category.

**Category Scanning:** This function allows you to scan through the channels on a specific category. To activate the category scan function, do the following:

1. Select the XM™ audio source.
2. Select the Category screen button.

3. The Navigation System will display the available category on the presets.
4. Use the left and right arrows to scroll through the presets or use the seek up/down hard key to go to the next category.
5. Select the desired category by touching it from the screen.
6. Touch the Scan screen button and the system will scan through the channels available within the selected category.

**Scan and Preset Scan:** While in XM™, the scan function allows you to scan through the XM™ band. Press the Scan screen button and the system will start scanning. Press the Scan button again to turn the scan function off. Press and hold the Scan screen button to have the system scan the presets stored on the XM™ band.

## XM Radio Messages

<b>Radio Display Message</b>	<b>Condition</b>	<b>Action Required</b>
XM Updating	Updating encryption code	The encryption code in your receiver is being updated, and no action is required. This process should take no longer than 30 seconds.
No XM signal	Loss of signal	Your system is functioning correctly, but you are in a location that is blocking the XM signal. When you move into an open area, the signal should return.
Loading XM	Acquiring channel audio (after 4 second delay)	Your radio system is acquiring and processing audio and text data. No action is needed. This message should disappear shortly.
Channel Off Air	Channel not in service	This channel is not currently in service. Tune in to another channel.
Channel Unavail	Channel no longer available	This previously assigned channel is no longer assigned. Tune to another station. If this station was one of your presets, you may need to choose another station for that preset button.
No Artist Info	Artist Name/Feature not available	No artist information is available at this time on this channel. Your system is working properly.
No Title Info	Song/Program Title not available	No song title information is available at this time on this channel. Your system is working properly.

<b>Radio Display Message</b>	<b>Condition</b>	<b>Action Required</b>
No CAT Info	Category Name not available	No category information is available at this time on this channel. Your system is working properly.
Not Found	No channel available for the chosen category	There are no channels available for the category you selected. Your system is working properly.
No Information	No Text/Informational message available	No text or informational messages are available at this time on this channel. Your system is working properly.
XM Theftlocked	Theft lock active	The XM receiver in your vehicle may have previously been in another vehicle. For security purposes, XM receivers cannot be swapped between vehicles. If you receive this message after having your vehicle serviced, check with the servicing facility.
XM Radio ID	Radio ID label (channel 0)	If you tune to channel 0, you will see this message alternating with your XM Radio 8 digit radio ID label. This label is needed to activate your service.
Unknown	Radio ID not known (should only be if hardware failure)	If you receive this message when you tune to channel 0, you may have a receiver fault. Consult with your dealer.
Check XM Receiver	Hardware failure	If this message does not clear within a short period of time, your receiver may have a fault. Consult with your retail location.

## Six-Disc CD/DVD Changer

This system has the ability to play different types of media formats. The system can play DVD - Video, DVD - Video (DTS), DVD - Audio, CD - Digital Audio (CD - DA), CD-DA (DTS), CD - Text, CD - Extra, MP3 - CD, CDR, and CDRW. The system may also play DVD - R and DVD - RW type discs depending on the writing software used. The system will play DTS-type discs and tracks and Dolby® tracks in surround sound.



With the six-disc CD/DVD changer, you can play up to six audio CDs, MP3s, DTS discs, audio DVDs, or video DVD discs continuously.

 **(Load):** To load a disc(s) into the DVD changer, press the DVD changer load hard key and follow the screen message displayed.

Then, do the following:

1. Touch the number of the slot you will be loading the disc into, numbered 1 to 6, at the bottom of the CD/DVD changer screen.
2. Wait to insert the disc until the screen reads "Insert Disc (number)", then insert the disc partway. The system will pull it in and start playing it. The system will show you the type of disc inserted, DVD - Video,  Audio for CD/DTS, MP3 for MP3 CDs, or DVD - Audio.
3. If no CD or DVD is loaded in the CD/DVD changer and you press the SRCE hard key a "No disc loaded" error message will be displayed.

You may also choose to load all disc slots at once by pressing and holding the CD/DVD changer load hard key. The system will instruct you to insert each disc when the screen displays "Insert Disc (number)." When you load all the slots at once, the disc type will not be displayed until the system reads that disc.

To eject a disc(s) from the CD/DVD changer, do the following:

1. Press the eject hard key.
2. Touch the available slot from the bottom of the screen, numbered 1 through 6, that you wish to eject.
3. The system will display “Ejecting Disc” and then will start to eject the disc. If a selection is not made, the system will eject the disc in the current slot. If the disc is not removed from the slot, the system will load it after a 10 second delay and will then start playing it.

You may also choose to eject all disc slots at once by pressing and holding the CD/DVD changer eject hard key. The system will instruct you to the disc number being ejected.

## Playing an Audio CD



Once you access the CD/DVD changer screen, you can select one of the numbered screen buttons at the bottom of the screen to go from one disc to another among those loaded in the DVD changer. Any time a disc change occurs, the system will display, “Changing Disc.”

The numbered screen buttons, 1 through 6, represent the order of the discs loaded in the changer. If there are only two discs loaded, only screen buttons 1 and 2 will be available to choose from.

The following features are also available from this screen:

**Play:** Touch one of the available screen buttons 1 through 6 to begin playing that disc automatically.

**Scan:** Touch Scan to hear the first 10 seconds of each track on the selected disc. Touch Scan a second time to hear the first 10 seconds of each track on each audio CD disc loaded. Touch the OFF screen button to stop all scanning. When the system has scanned through all tracks on a disc or all first tracks of each CD loaded, the system will automatically stop scanning.

 **SCAN (Disc Scan):** This symbol will appear at the top of the CD/DVD changer screen when scanning the first 10 seconds of each track on each disc. This function scans all discs with the same type of media.

 **(Scan Track):** This symbol will appear at the top of the CD/DVD changer screen when scanning the first 10 seconds of each track on the selected disc.

 **(Random):** Touch this screen button to hear the tracks in random, rather than sequential, order on the disc selected. Touch this screen button a second time to hear the tracks and all discs loaded in random, rather than sequential, order. Touch the OFF screen button to turn off random play.

 **RND (Disc Random):** This symbol will appear at the top of the CD/DVD changer screen when playing all tracks and discs with the same type of media in random, rather than sequential, order.

 **RND (Random Disc):** This symbol will appear at the top of the CD/DVD Changer screen when in random disc mode.

 **(Repeat):** Touch this screen button to repeat the track on the selected disc. To repeat the entire selected disc, touch this screen button again. Touch the OFF screen button to turn off the repeat mode.

 **(Track Repeat):** This symbol will appear at the top of the CD/DVD changer screen when the repeat feature is turned on. The system will repeat the current track.

 **RPT (Disc Repeat):** This symbol will appear at the top of the CD/DVD changer screen when the repeat feature is pressed a second time. The system will repeat the current disc.

^ v **(Seek Up/Down):** Press the up arrow hard key to seek to the next selection on a disc. If playing the last track of the disc, pressing the up arrow will seek to the first track of the next disc. Press the down arrow hard key to seek to the previous selection on a disc. If playing the first track of the disc, pressing the down arrow will seek to the last track on the selected disc.

**OFF:** Touch this screen button any time you want to turn off the Scan, Random, or Repeat functions.

## Playing an MP3 CD

Once you access the CD/DVD changer screen, you can select one of the numbered screen buttons at the bottom of the screen to go from one disc to another among those loaded in the DVD changer. Any time a disc change occurs, the system will display, "Changing Disc."

The numbered screen buttons, 1 through 6, represent the order of the discs loaded in the changer. If there are only two discs loaded, only screen buttons 1 and 2 will be available to choose from.

The following features are also available from this screen:

**Play:** Touch one of the available screen buttons 1 through 6 to begin playing that disc automatically.

**Scan:** Touch this screen button to hear the first 10 seconds of each track on the current folder. Touch this screen button a second time to hear the first 10 seconds of each track on each folder of the current disc. Touch this screen button a third time to have the system play the first 10 seconds of each disc of the media type selected. If there are no other CDs loaded with the same type of media, the scan function will cancel. When the system has scanned through all tracks on a disc or all first tracks of each MP3 CD loaded, the system will automatically stop scanning.

 **SCAN (Folder Scan):** This symbol will appear at the top of the CD/DVD changer screen when scanning the first 10 seconds of each track in the current folder.

 **(Random):** Touch this screen button to hear the tracks in the current folder in random, rather than sequential, order. Touch this screen button a second time to hear the current disc played in random (tracks and folders) order. Touch this screen button a third time to hear the system play all discs of the same type of media in random (discs, folders, and tracks) order. If only one disc of this media type is loaded, the system will play the folders and tracks in random order. Touch the OFF screen button to turn off random play.

 **RND (Track Random):** This symbol will appear at the top of the CD/DVD changer screen when playing tracks within the current folder in random, rather than sequential, order.

 **RND (Folder/Track Random):** This symbol will appear at the top of the CD/DVD changer screen when playing the folders and tracks on the current disc in random order.

 **RND (Disc Random):** This symbol will appear at the top of the CD/DVD changer screen when the system is playing all discs, folders and tracks of the same media type in random order.

 **(Repeat):** Touch this screen button to repeat the track on the selected disc. Touch this screen button again to repeat all tracks within the current folder. Touch this screen button a third time to repeat all tracks on the current disc. Touch the OFF screen button to turn off the repeat mode.

 **(Track Repeat):** This symbol will appear at the top of the CD/DVD changer screen when the repeat feature is turned on. The system will repeat the current track.

 **RPT (Folder Repeat):** This symbol will appear at the top of the CD/DVD changer screen when the repeat button is touched a second time. The system will repeat all tracks within the current folder.

 **RPT (Disc Repeat):** This symbol will appear at the top of the CD/DVD changer screen when the repeat button is touched a third time. The system will repeat all tracks and folders on the current disc.

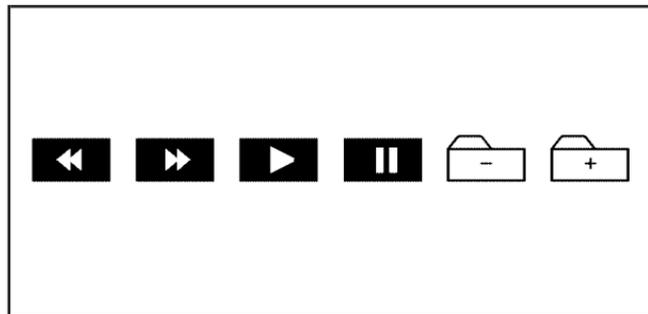
^ v **(Seek Up/Down):** Press the up arrow hard key to seek to the next selection on a disc. If playing the last track of the disc, pressing the up arrow will seek to the first track of the next disc. Press the down arrow hard key to seek to the previous selection on a disc. If playing the first track of the disc, pressing the down arrow will seek to the last track on the selected disc.

**OFF:** Touch this screen button any time you want to turn off the Scan, Random, or Repeat functions.

**Display:** Touch this screen button to display the MP3 play list. Use the up/down arrows to scroll through the list. While in this menu, you can use the Scan, Random, and Repeat functions.

 **(Root Directory):** Touch this screen button to go to the root directory, if available, on the MP3 disc. While in this mode, you can select a specific folder to be played.

**HOME:** Touch this screen button to allow you to go to the Home folder. This is the first folder on the disc.



 **+ (Up to next folder):** Touch this screen button to go up to the next folder.

 **- (Down to previous folder):** Touch this screen button to go down to the previous folder.

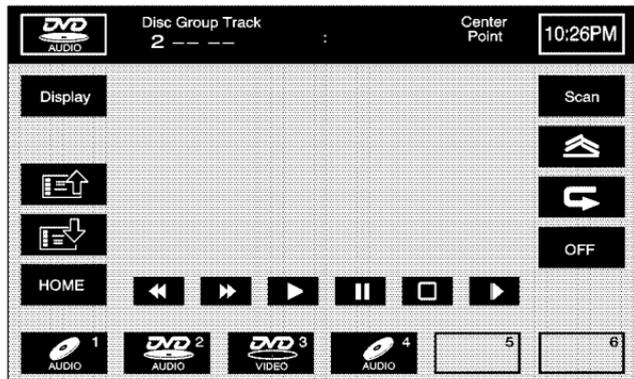
**|| (Pause):** Touch this screen button to pause play.

**▶▶ (Fast forward):** Touch this screen button to fast forward through the current track.

**◀◀ (Reverse):** Touch this screen button to reverse through the current track.

**Combined Disc:** This system will also play a combined disc which contains CD-DA and MP3 types of media. Use the CD screen button to switch between MP3 and CD-DA tracks when you are playing a combined disc.

## Playing an Audio or Video DVD



### Audio DVD screen shown, Video DVD screen similar

When listening to an audio or video DVD, you may perform several functions, if available:

**Display:** Touch this screen button to access further audio DVD options. See “More Audio and Video DVD Options” later in this section.

**Page Up:** Touch the page up symbol to scroll up through the pages of an audio DVD. The function of this screen button depends on the disc inserted.

**Page Down:** Touch the page down symbol to scroll down through the pages of an audio DVD. The function of this screen button depends on the disc inserted.

**HOME:** When playing an audio DVD, touching this symbol will take you back to the home position of the DVD.

**Reverse/Fast Forward:** Touch the left or right arrows to reverse or fast forward within a track.

**Play:** Touch the play symbol to begin playing the currently selected disc.

**Pause:** Touch the pause symbol to pause the currently playing disc.

**Stop:** Touch the stop symbol to stop the currently playing disc.

**Frame Advance:** Touching this screen button will play the disc in slow motion.

**Scan:** Touch Scan to hear the first 10 seconds of each track on the selected disc.

 **SCAN (Disc/Track Scan):** This symbol will appear at the top of the DVD changer screen when scanning both tracks and discs.

 **(Random):** Touch this screen button to hear the tracks in random, rather than sequential, order on the disc selected. Touch the OFF screen button to turn off random play.

 **RND (Disc Random):** This symbol will appear at the top of the DVD changer screen when playing tracks and discs in the current group of discs in random, rather than sequential, order.

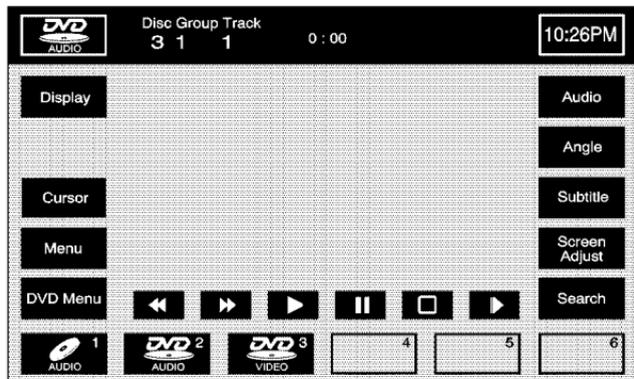
 **(Repeat):** Touch this screen button to repeat the track on the selected disc. Touch this screen button again to repeat the tracks on the selected disc. Touch this screen button a third time to repeat all of the discs in the group. Continuing to touch this button will take you through the choices again. Touch the OFF screen button to turn off the repeat mode.

 **(DVD Repeat):** This symbol will appear at the top of the DVD changer screen when the repeat feature is turned on. The system will repeat the current track.

 **(Seek Up/Down):** Press the up arrow hard key to go to the next track in the current group. If you are in the last track, the system will go to the first track of the next group. If you are in the last track of the last group, the system will display an error message in the upper right corner of the screen. Press the down arrow hard key to go back to the beginning of the current track. Press the down arrow hard key again to go to the previous track in the current group. If you are in the first track of the current group, pressing this hard key will take you to the last track of the previous group. If you are in the first track of the first group, the system will display an error message in the upper right corner of the screen.

**OFF:** Touching this screen button will turn off the scan, random, and repeat functions.

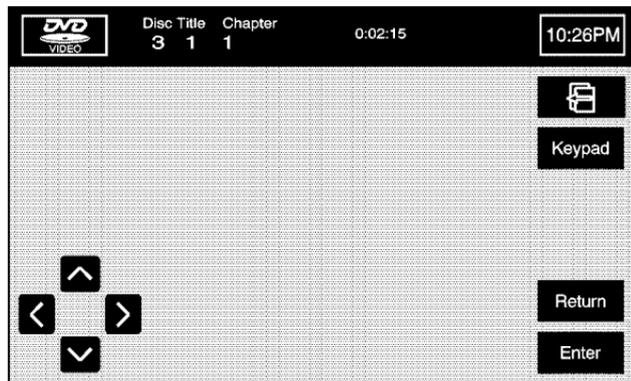
## More Audio and DVD Options



### Audio DVD screen shown, Video DVD screen similar

Once you touch Display from the main audio DVD menu, you have access to the following options:

**Cursor:** Touch this screen button to access the left, right, up, and down cursors on the screen. The cursors allow you to navigate through menu options on the screen.



See the following option for more cursor information:

**<, ^, >, v (Cursor Arrows):** Touch these cursor screen buttons when you need to scroll through a list of DVD items, such as track names, menu options, or scene selection. Then touch Enter to set your selection.

**Menu:** Touch this screen button to access the DVD's menu options. Depending on the type of DVD you are using, this screen button may or may not be available.

**DVD Menu:** Touch this screen button to access the video DVD menu.

While watching a video DVD or playing an audio DVD, you can touch anywhere on the screen to remove the DVD menu for easier viewing. Touch anywhere on the screen again to display the DVD options.

**Audio:** Touch this screen button to change the audio language heard. This may not be available on all DVDs. Depending on the type of DVD you are using, this screen button may or may not be available.

**Angle:** Touch this screen button to adjust the viewing angle of the DVD. Some DVDs allow you to change the camera angle. This may not be available on all DVDs. Depending on the type of DVD you are using, this screen button may or may not be available.

**Subtitle:** Touch this screen button to play back the video with subtitles. This may not be available on all DVDs. Depending on the type of DVD you are using, this screen button may or may not be available.

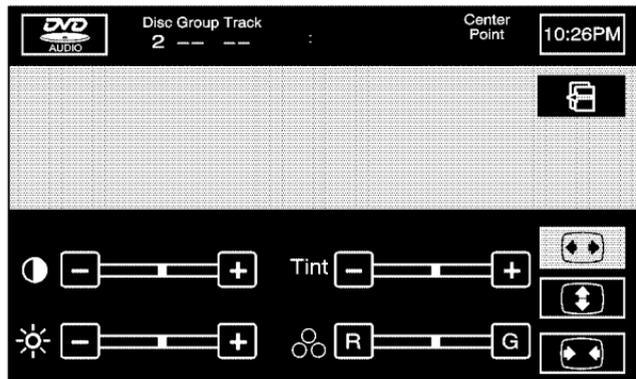
**Search:** Touch this screen button to search through a DVD by Title/Group, or Chapter/Track. Touch Keypad to access the numeric keypad used to enter data in these searches.

To use the search button, do the following:

1. Touch the Search screen button from the DVD-Video or DVD-Audio screen.
2. Touch the Keypad screen button to access a numeric keypad to enter the track/chapter number.
3. Touch the OK screen button and the system will go to the specified track/chapter.

**Screen Adjust:** Touch this screen button to access the audio/video DVD screen adjust menu.

From this screen, you will have the following options:



☾ **(Contrast):** Touch the plus (+) or minus (-) signs next to this symbol to increase or decrease the contrast.

☀ **(Brightness):** Touch the plus (+) or minus (-) signs next to this symbol to increase or decrease the brightness.

**Tint:** Touch the plus (+) or minus (-) signs next to this symbol to increase or decrease the screen tint.

⊗ **(Color Symbol):** Touch the R for red or G for green next to this symbol to increase or adjust the color of the screen.

◀▶ **(Widescreen):** Touch this screen button to view a video DVD in widescreen format.

⬆️⬆️ **(Full Screen):** Touch this screen button to view a video DVD in full screen format.

◀▶ **(Normal Screen):** Touch this screen button to view a video DVD in normal screen size.

## Six-Disc DVD Changer Errors

Although the DVD or CD you are playing meets regulation requirements, there are circumstances that may cause the disc to not play correctly in your system. Some of those circumstances may include the recording conditions of the disc, the disc condition and the pick up circumstances of the player.

If using your system in extremely low or high temperatures, the video playback may become distorted.

Because of some types of compression techniques used during recording MP3 discs, the sound quality of the discs can be inferior. This is not caused by your audio system.

## Radio Personalization

With this feature, you can recall the latest audio system settings as adjusted the last time your vehicle was operated. This feature allows two different drivers to store and recall their own audio system settings. The settings recalled by the audio system are determined by which RKE transmitter (1 or 2) was used to enter the vehicle. The number on the back of the RKE transmitter corresponds to driver 1 or to driver 2. The audio system settings will automatically adjust to where they were last set by the identified driver. The settings can also be recalled using the memory screens under the CONFIG MENU or voice recognition. See *Personalization on page 5-2* for more information.

When battery power is removed and later applied, you will not have to reset your audio system preset stations.



# Section 4 Voice Recognition

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Voice Recognition .....4-2

# Voice Recognition

The navigation system's voice recognition allows for hands-free operation of navigation, phone, audio system, climate controls, windows, OnStar®, and memory features. Voice recognition can be used when the ignition is on or when Retained Accessory Power (RAP) is active. See "Retained Accessory Power (RAP)" in your vehicle's owner manual for more information.

To use voice recognition, do the following:



1. Press the talk symbol steering wheel control and release it when you hear a beep. The audio system, if on, will mute.

When you are in the navigation screens, the system will display a symbol (⊗) while the voice recognition is active.

2. Clearly state one of the commands listed on the following pages. When the system recognizes the command, it will either perform the function, ask you to confirm your choice by clearly stating "yes or no", or issue an error message such as "System does not recognize this command" or direct you to "Please start speaking after the beep". You may also get a message saying, "System is checking the disc. Please wait." if the system is not yet ready. To cancel a command or if the system talk back does not match your verbal command, press and hold the talk symbol button. The system will reply, "System will cancel the voice recognition."

If you experience difficulty with the system recognizing a command, try saying it more softly, and wait for a few seconds after the beep, or you may just try saying it again.

To use the voice recognition system, the map DVD must be loaded.

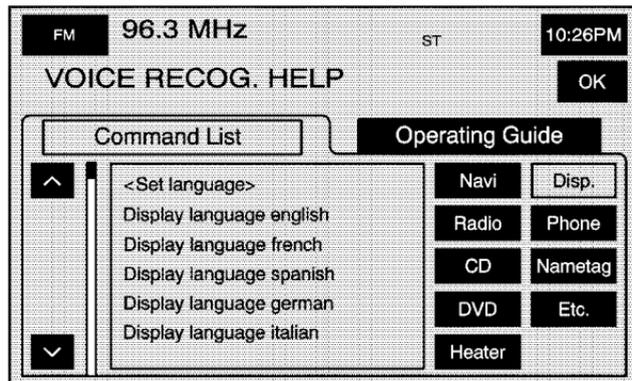
This system is able to recognize commands in five different languages. The system will only recognize commands based on the language selected.

## Voice Recognition Help

Help commands can be displayed on the screen while you are stopped. When the vehicle is moving, the system will let you know that this command is not available while driving. To enter the help screens, clearly state one of the help commands.

While in the help menu, you can select from two screens, the Command List and the Operating Guide.

The Command List shows a list of available voice recognition commands to use. Touch the Command List screen button and then touch one of the buttons on the right of the screen to choose the commands to list. Use the up and down arrows to scroll through the list of commands.



**Navi (Navigation):** Touch this screen button to display the list of navigation commands.

**Radio:** Touch this screen button to display the list of radio commands.

**CD:** Touch this screen button to display the list of CD commands.

**DVD:** Touch this screen button to display the list of DVD commands.

**Heater:** Touch this screen button to display the list of climate control commands.

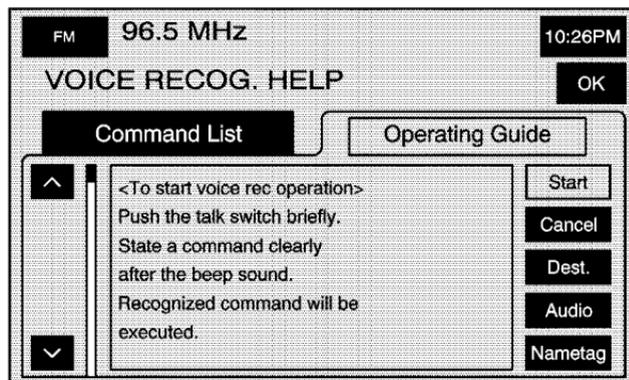
**Disp. (Display):** Touch this screen button to display the list of display commands.

**Phone:** Touch this screen button to display the list of phone commands.

**Nametag:** Touch this screen button to display the list of nametag commands.

**Etc.:** Touch this screen button to display the list of miscellaneous commands, such as OnStar<sup>®</sup>, windows, and personalization.

The Operating Guide screen gives step-by-step directions for using the voice recognition feature. Touch the Operating Guide screen button and then touch one of the buttons on the right of the screen to choose the instructions to list. Use the up and down arrows to scroll through the instructions.



**Start:** Touch this screen button to display instructions on how to start using the voice recognition system.

**Cancel:** Touch this screen button to display instructions on how to cancel a command, what to do in case of an error, and other helpful hints.

**Dest. (Destination):** Touch this screen button to display instructions on how to use voice recognition to plan a route or how to use the destination command list.

**Audio:** Touch this screen button to display instructions on how to use the radio commands.

**Nametag:** Touch this screen button to display instructions on how to use and store a nametag.

## Voice Recognition Commands

The following list shows all of the voice commands available for the navigation system with a brief description of each. The commands are listed with the optional words in brackets. To use the voice commands, refer to the instructions listed previously.

### Display Commands

**Display [set] language English:** This command instructs the system to change the display (instrument panel cluster, HUD, and Navigation System display), Navigation System voice prompt and voice recognition language to English. Once the language is changed, a command to return to another language must be made using the selected language or from the Language menu under the CONFIG MENU. See *Configure Menu on page 2-49* for more information.

**Display [set] language UK English:** This command instructs the system to change the display (instrument panel cluster, HUD, and Navigation System display), Navigation System voice prompt and voice recognition language to UK English. Once the language is changed, a command to return to another language must be made using the selected language or from the Language menu under the CONFIG MENU. See *Configure Menu on page 2-49* for more information.

**Display [set] language French:** This command instructs the system to change the display (instrument panel cluster, HUD, and Navigation System display), Navigation System voice prompt and voice recognition language to French. Once the language is changed, a command to return to another language must be made using the selected language or from the Language menu under the CONFIG MENU. See *Configure Menu on page 2-49* for more information.

**Display [set] language Spanish:** This command instructs the system to change the display (instrument panel cluster, HUD, and Navigation System display), Navigation System voice prompt and voice recognition language to Spanish. Once the language is changed, a command to return to another language must be made using the selected language or from the Language menu under the CONFIG MENU. See *Configure Menu on page 2-49* for more information.

**Display [set] language German:** This command instructs the system to change the display (instrument panel cluster, HUD, and Navigation System display), Navigation System voice prompt and voice recognition language to German. Once the language is changed, a command to return to another language must be made using the selected language or from the Language menu under the CONFIG MENU. See *Configure Menu on page 2-49* for more information.

**Display [set] language Italian:** This command instructs the system to change the display (instrument panel cluster, HUD, and Navigation System display), Navigation System voice prompt and voice recognition language to Italian. Once the language is changed, a command to return to another language must be made using the selected language or from the Language menu under the CONFIG MENU. See *Configure Menu on page 2-49* for more information.

**Display [set] English units:** This command instructs the system to switch to English units of measurement. All display settings will change.

**Display [set] metric units:** This command instructs the system to switch to metric units of measurement. All display settings will change.

**Display [set] day mode:** This command instructs the system to switch the system display to day mode. See “Screen Appearance” under *Configure Menu on page 2-49* for more information.

**Display [set] night mode:** This command instructs the system to switch the system display to night mode. See “Screen Appearance” under *Configure Menu on page 2-49* for more information.

**Display [set] auto mode:** This command instructs the system to switch the system display to auto mode. See “Screen Appearance” under *Configure Menu on page 2-49* for more information.

**Display Help:** This command instructs the system to offer assistance with the previously listed display commands. The Navigation System will display the commands on the screen.

## General Navigation Commands

A list of the commands will be displayed on the screen while the vehicle is stopped. The following are commands you can access by clearly stating the commands exactly as they are written:

**Navigation [show] current position, navigation [show] current location:** This command instructs the system to show your vehicle’s current position on the map.

**Navigation [show] map:** This command instructs the system to show the current map screen.

**Navigation [command] help, navigation [command] list:** This command instructs the system to state the navigation command help list.

**Navigation repeat [voice] [guidance]:** This command instructs the system to repeat the previous voice guidance prompt.

**Cancel:** This command instructs the system to cancel the most recently given command.

## Map Commands

The following are map commands you can access by clearly stating the commands exactly as they are written:

**Navigation zoom in, navigation zoom out:** These commands instruct the system to zoom in or out on the map.

**Navigation zoom in maximum, navigation zoom out maximum:** These commands instruct the system to zoom in or out to the maximum amount allowed.

**Navigation right map zoom in, navigation right map zoom out:** These commands instruct the system to zoom in or out on the map to the right when in dual map mode.

**Navigation right map zoom in maximum scale, navigation right map zoom in minimum scale, navigation right map zoom out maximum scale, navigation right map zoom out minimum scale:** These commands instruct the system to zoom in or out to the maximum or minimum allowed on the right screen when in dual map mode. These commands are available while the map screen is displayed and dual map mode is on.

**Navigation [change to] North Up [mode], navigation [show] North Up [mode]:** These commands instruct the system to switch the map to North Up mode. These commands are available while the map screen is displayed.

**Navigation [change to] Heading Up [mode], navigation [show] Heading Up [mode]:** These commands instruct the system to switch the map to Heading Up mode. These commands are available while the map screen is displayed.

**Navigation [change] map direction:** This command instructs the system to change the direction of the map to heading up/north up depending on previous setting.

**Navigation right map [change to] North Up [mode], navigation right map [show] North Up [mode]:** These commands instruct the system to switch the map to the right to North Up mode when in dual map mode. These commands are available while the map screen is displayed and dual map mode is on.

**Navigation right map [change to] Heading Up [mode], navigation right map [show] Heading Up [mode]:** These commands instruct the system to switch the map to the right to Heading Up mode when in dual map mode. These commands are available while the map screen is displayed and dual map mode is on.

**Navigation right map [change map] direction:** This command instructs the system to change the direction of the map to heading up or north up depending on the previous setting. This command is available while a map screen is displayed when in dual map mode.

**Navigation [show] dual map [mode], navigation [change to] dual map [mode], navigation [show] single map [mode], navigation [change to] single map [mode]:** These commands instruct the system to switch between dual and single map modes. These commands are available while a map screen is displayed.

**Navigation store [this point], navigation mark [this point]:** These commands instruct the system to store or mark a point in its memory. These commands are available while a map screen is displayed.

**Navigation [change to] 3-D map [mode], navigation [change to] 2-D map [mode]:** These commands instruct the system to switch between 2-D and 3-D map modes. These commands are available while a map screen is displayed.

## Point of Interest (POI) Commands

The following is a list of POI commands. State the commands exactly as they are written to receive information from the system regarding that specific command. POIs will only be displayed on the map screen if the map scale is ½ mile (1 km) or less. If you try to have POIs displayed on a map with the wrong scale, the system will remind you of this. When you are ready to exit the POI command mode, state “POI off”. The available POI commands are the following:

### Automobile Commands

- Navigation Automobile Club
- Navigation Triple A
- Navigation Car Wash
- Navigation Gas Station
- Navigation Gas
- Navigation Parking
- Navigation Parking Lot
- Navigation Parking Garage
- Navigation Car Park
- Navigation Auto Service and Maintenance
- Navigation Auto Service
- Navigation Other Automotive
- Navigation GM

## **Entertainment Locations**

- Navigation Amusement Park
- Navigation Casino
- Navigation Cinema
- Navigation Golf Course
- Navigation Historical Monument
- Navigation Horse Racing
- Navigation Marina
- Navigation Museum
- Navigation National and State Parks
- Navigation Ski Resort
- Navigation Skiing
- Navigation Speedway
- Navigation Sports Complex
- Navigation Stadium
- Navigation Performing Arts
- Navigation Tourist Attraction
- Navigation Tourist Information
- Navigation Video Rental
- Navigation Winery

## **Financial Locations**

- Navigation ATM
- Navigation Bank
- Navigation Other Financial Services

## **Governmental Offices**

- Navigation Town Center
- Navigation City Center
- Navigation Convention Center
- Navigation Exhibition Center
- Navigation Court House
- Navigation Government Offices
- Navigation Higher Education
- Navigation University
- Navigation College
- Navigation Hospital
- Navigation Library
- Navigation Parks and Recreation
- Navigation Park and Recreation
- Navigation Police Station
- Navigation Post Office
- Navigation School

## **Personal Services**

- Navigation Beauty and Barber Shops
- Navigation Dry Cleaning
- Navigation Health and Fitness Club
- Navigation Business Facility

## **Restaurant Locations**

- Navigation Restaurant
- Navigation I'm Hungry
- Navigation Show Restaurant
- Navigation American Restaurant
- Navigation American Food
- Navigation Chinese Restaurant
- Navigation Chinese Food
- Navigation Coffee House
- Navigation Continental Restaurant
- Navigation Continental Food
- Navigation Fast Food
- Navigation Fast Food Restaurant
- Navigation French Restaurant
- Navigation French Food
- Navigation Ice Cream Parlor

- Navigation Italian Restaurant
- Navigation Italian Food
- Navigation Japanese Restaurant
- Navigation Japanese Food
- Navigation Mexican Restaurant
- Navigation Mexican Food
- Navigation Seafood Restaurant
- Navigation Seafood
- Navigation Thai Restaurant
- Navigation Thai Food
- Navigation Other Restaurant
- Navigation Other Food

## **Shopping Locations**

- Navigation Convenience Store
- Navigation Department Store
- Navigation Grocery Store
- Navigation Home and Garden
- Navigation Pharmacy
- Navigation Shopping Mall
- Navigation Specialty Food Store
- Navigation Other Retail Stores

## Transportation

- Navigation Airport
- Navigation Bus Station
- Navigation Campground
- Navigation Ferry Terminal
- Navigation Hotel
- Navigation Rental Car Agency
- Navigation Rest Area
- Navigation Train Station

## Destination Commands

The following are destination commands you can access by clearly stating the commands exactly as they are written. Confirm your choice of destination entry by responding to the system with “Enter destination” when prompted. You may also state “Add waypoint” or “To waypoint” after entering a destination to add a waypoint along the route to your final destination. You can cancel the command by stating, “cancel” after the system talk back.

### **Navigation [go] home, navigation [select] home:**

These commands instruct the system to set the home preset as the destination.

### **Navigation [go to] starting point, navigation**

**[previous] starting point:** These commands instruct the system to set the previous starting point as the destination.

### **Navigation [go to] previous destination:**

This command instructs the system to set the previous destination as the new destination.

### **Navigation [go to] preset destination [number] (one, two, three, four, or five):**

These commands instruct the system to set one of the preset destinations one through five as the new destination.

**Cancel:** This command instructs the system to cancel the most recently given command.

## Nametag Commands

The following are nametag commands you can access by clearly stating the commands exactly as they are written. You may have up to 10 nametag entries for phone book entries and 10 nametag entries for destinations.

**Navigation store name:** This command lets the system know you will be storing a name in memory. The system will request that you state the nametag. After the prompt, state the name desired for this point. The system will play back the recorded nametag and will request that you confirm it. After the prompt, state “Yes” to confirm or “No” to cancel.

**Navigation go to [destination] (nametag), navigation select [destination] (nametag):** These commands instruct the system to select a destination saved under the nametag you have stored. The system will ask whether you want the nametag to be set as a waypoint or final destination. State “waypoint” or “destination” after the prompt.

**Phone/telephone dial name (state specific name):** These commands instruct the system to dial the phone number of a specific previously stored name. See “Phone Book Screen” under *Bluetooth® Phone on page 6-2* for more information on how to store a nametag.

## Guidance Commands

The following are guidance commands you can access by clearly stating the commands exactly as they are written:

**Navigation louder, navigation softer:** These commands instruct the system to increase and decrease the volume of the voice guidance and voice recognition system prompts.

**Navigation [show] whole route [map], navigation [show] entire route [map]:** These commands instruct the system to show the entire route from beginning to end on the map.

**Navigation show next waypoint [map]:** This command instructs the system to show the next waypoint on the map.

**Navigation show (first, second, third, fourth, or fifth) waypoint [map]:** These commands instruct the system to show the first, second, third, fourth, or fifth waypoint on the map.

**Navigation show destination [map]:** This command instructs the system to show the final destination on the map.

**Navigation delete next waypoint, navigation cancel next waypoint:** These commands instruct the system to cancel the next waypoint from the route. The system will request that you confirm. After the prompt, state “Yes” to confirm or “No” to cancel.

**Navigation delete destination, navigation cancel destination:** These commands instruct the system to cancel the current destination. The system will request that you confirm. After the prompt, state “Yes” to confirm or “No” to cancel.

**Navigation delete all waypoints and destination, navigation cancel all waypoints and destination:** These commands instruct the system to cancel the current destination and all waypoints. The system will request that you confirm. After the prompt, state “Yes” to confirm or “No” to cancel.

**Navigation voice guidance off, navigation voice guidance on:** These commands instruct the system to turn route voice guidance off and on.

**Navigation quick:** This command instructs the system to use the quick search planning method condition. The system will request that you confirm. After the prompt, state “Yes” to confirm or “No” to cancel.

**Navigation normal:** This command instructs the system to use the normal search planning condition. The system will request that you confirm. After the prompt, state “Yes” to confirm or “No” to cancel.

**Navigation short:** This command instructs the system to use the short search planning method condition. The system will request that you confirm. After the prompt, state “Yes” to confirm or “No” to cancel.

**Navigation detour [entire route]:** This command instructs the system to add a detour to your route. The system will request that you confirm. After the prompt, state “Yes” to confirm or “No” to cancel.

**Navigation [change to] arrow guide, navigation [change to] arrow guidance:** These commands instruct the system to enter arrow guidance mode. This command is only available while on a route.

**Navigation [change to] turn list guide, navigation [change to] turn list guidance:** These commands instruct the system to enter turn list guidance mode. This command is only available while on a route.

**Navigation [change to] freeway guide, navigation [change to] freeway guidance:** These commands instruct the system to enter freeway guidance mode. This command is only available while on a route.

**Navigation [change to] intersection guide, navigation [change to] intersection guidance:** These commands instruct the system to enter intersection guidance mode. This command is only available while on a route.

## Radio Commands

The following are radio commands you can access by clearly stating the commands exactly as they are written. The commands are only available when you are in one of the following audio modes, AM, FM, XM™ (if equipped), or WX (if equipped).

**Radio, radio turn off:** These commands instruct the system to turn the audio system on and off.

**Radio [set] balance left, radio [set] balance right:** These commands instruct the system to increase the balance to the maximum setting left or right.

**Radio [set] fade front, radio [set] fade rear:** These commands instruct the system to increase the fade to the maximum setting front or rear.

**Radio [set] balance center, radio [set] balance middle, radio [set] fade center, radio [set] fade middle:** These commands instruct the system to set the fade or balance to the center and middle.

**Radio scan up, radio scan down:** These commands instruct the system to scan up or down through radio stations.

**Radio [band] [select] AM, radio [band] [select] FM, radio [band] [select] XM, radio [band] [select] satellite, radio [band] [select] WX, radio [band] [select] weather band:** These commands instruct the system to go to either the AM, FM, XM (if equipped), or WX (if equipped) radio bands.

**Radio [select] (frequency) AM, radio [select] (frequency) FM, radio [select] (channel) weather band:** These commands instruct the system to go to a specific frequency on either the AM, FM, weather bands.

**Radio [select] (channel) XM, radio [select] (channel) satellite:** These commands instruct the system to go to a specific channel on the XM™ band (if equipped).

**Radio set traffic, radio [set] traffic off, radio [turn] traffic off:** These commands instruct the system to turn the traffic feature on or off.

**Radio [show] [next] presets:** This command instructs the system to change to the next presets on the active band.

**Radio [select] center point [mode], radio [select] talk [mode], radio [select] rear seat [mode], radio [select] driver [mode], radio [select] normal [mode]:**

These commands instruct the system to switch between the different DSP settings.

**Radio autostore:** This command instructs the system to enter radio autostore mode. The autostore function must be selected on from the audio setup screen for each band.

**Radio help:** This command instructs the system to assist with radio commands. The radio commands will be displayed on the screen.

## CD Commands

The following are CD/MP3 commands you can access by clearly stating the commands exactly as they are written. The commands are only available when a CD is inserted.

**CD, CD turn off:** These commands instruct the system to turn the audio system CD Changer on and off.

**CD [set] balance left, CD [set] balance right:** These commands instruct the system to increase the balance to the maximum setting left or right.

**CD [set] fade front, CD [set] fade rear:** These commands instruct the system to increase the fade to the maximum setting front or rear.

**CD [set] balance center, CD [set] balance middle, CD [set] fade center, CD [set] fade middle:** These commands instruct the system to set the fade and balance to the center position.

**CD scan up:** This command instructs the system to scan upward through tracks.

**CD [select] disc (one, two, three, four, five, or six):** These commands instruct the system to select disc number one through six. The system will select the specified disc and start to play it.

**CD [select] track (one, two, three, etc.):** This command instructs the system to select a specific track number.

**CD [select] disc (one, two, etc.) track (one, two, etc.):** This command instructs the system to select a specific disc and track number on that disc.

**CD [select] next track, CD [select] previous track:** These commands instruct the system to go to the next or previous track on a disc.

**CD eject [disc], CD eject [disc] (one, two, etc.):**

These commands instruct the system to eject one disc, or a specific numbered disc.

**CD [select] center point [mode], CD [select] talk [mode], CD [select] rear seat [mode], CD [select] driver [mode], CD [select] normal [mode]:**

These commands instruct the system to switch between the different DSP settings.

**CD help:** This command instructs the system to assist with CD changer commands. Help commands will be displayed on the map screen when the vehicle is stopped.

## DVD Changer Commands

The following are DVD commands you can access by clearly stating the commands exactly as they are written. The commands are only available when a DVD is inserted.

**DVD, DVD turn off:** These commands instruct the system to turn the DVD player on and off.

**DVD [set] balance left, DVD [set] balance right:**

These commands instruct the system to increase the balance to the maximum setting left or right.

**DVD [set] fade front, DVD [set] fade rear:** These commands instruct the system to increase the fade to the maximum setting front or rear.

**DVD [set] balance center, DVD [set] balance middle, DVD [set] fade center, DVD [set] fade middle:** These commands instruct the system to set the fade and balance to the center and middle.

**DVD scan up:** This command instructs the system to scan upward through chapters/tracks.

**DVD [select] disc (one, two, etc.):** These commands instruct the system to go to a specific disc.

**DVD [select] chapter/track (one, two, etc.):** These commands instruct the system to go to a specific chapter or track number.

**DVD [select] disc (one, two, etc.) chapter/track (one, two, etc.):** These commands instruct the system to go to a specific disc and chapter/track.

**DVD [select] previous chapter/track:** This command instructs the system to select the previous chapter or track.

**DVD [select] next chapter/track:** This command instructs the system to select the next chapter or track.

**DVD eject [disc], DVD eject [disc] (one, two, etc.):** These commands instruct the system to eject one disc, or a specific numbered disc.

**DVD [select] center point [mode], DVD [select] talk [mode], DVD [select] rear seat [mode], DVD [select] driver [mode], DVD [select] normal [mode]:**

These commands instruct the system to switch between the different DSP settings.

**DVD help:** This command instructs the system to assist with DVD changer commands. Help commands will be displayed on the map screen when the vehicle is stopped.

## Climate Control Commands

The following are climate control commands you can access by clearly stating the commands exactly as they are written.

**Heater/heat, heater/heat turn off:** These commands instruct the system to turn the heater in the vehicle on and off.

**AC/air conditioning, AC/air conditioning turn off:**

These commands instruct the system to turn the air conditioning in the vehicle on and off.

**Heater/heat/AC/air conditioning [set] fan high, heater/heat/AC/air conditioning [set] fan low:** These commands instruct the system to change the heater and air conditioning fan speed between high and low.

**Heater/heat/AC/air conditioning [set] temperature (number):** This command instructs the system to set the heater or air conditioning to a specific temperature. You must state the temperature number when using this command.

**Heater/heat/AC/air conditioning defrost/defog, heater/heat/AC/air conditioning turn defrost/defog off:** These commands instruct the system to turn both the defrost and defogger on and off.

**Heater/heat/AC/air conditioning front defrost/defog, heater/heat/AC/air conditioning turn front defrost/defog off:** These commands instruct the system to turn the front defrost or defogger on and off.

**Heater/heat/AC/air conditioning rear defrost/defog, heater/heat/AC/air conditioning turn rear defrost/defog off:** These commands instruct the system to turn the rear defrost or defogger on and off.

**Heater/heat/AC/air conditioning help:** This command instructs the system to assist with climate control commands. Help commands will be displayed on the map screen when the vehicle is stopped.

## Personalization Commands

The following are personalization commands you can access by clearly stating the commands exactly as they are written. These functions are available to help with setting, storing, and recalling driver settings.

**Set driver one, set driver two:** These commands instruct the system to change the driver setting between driver 1 and driver 2. See *Personalization on page 5-2* for more information.

**Set driver exit:** This command instructs the system to set/store an exit position for the driver that has been chosen. Adjust your seat and steering wheel exit position before stating this command.

**Select driver one:** This command selects the memory settings for driver 1. The seat, steering wheel and navigation system settings will change to those stored by driver 1.

**Select driver two:** This command selects the memory settings for driver 2. The seat, steering wheel and navigation system settings will change to those stored by driver 2.

**Select driver exit:** This command instructs the system to select the exit position for the currently chosen driver.

**Driver help:** This command instructs the system to assist with driver commands. Help commands will be displayed on the map screen when the vehicle is stopped.

## Window Commands

**Windows up, windows down:** These commands instruct the system to express up or express down the windows. The system will request that you confirm. After the prompt, state “Yes” to confirm or “No” to cancel.

**Windows help:** This command instructs the system to assist with window commands. Help commands will be displayed on the map screen when the vehicle is stopped.

## Phone Commands

These commands will only function if a Bluetooth® phone has been paired with the navigation system, is available in the vehicle, and is on.

**Phone/telephone enter:** These commands instruct the system to dial a phone number after it is stated. State the number including the area code (ex. 555 123 4567) then state “dial.”

**Phone/telephone redial/recall:** These commands instruct the system to redial a phone number.

**Phone/telephone help:** These commands instruct the system to assist with phone commands. Help commands will be displayed on the map screen when the vehicle is stopped.

## OnStar® Command

**OnStar:** This command instructs the system to connect to OnStar®. You will enter the OnStar® voice recognition system. Refer to your OnStar® manual for more information.



# Section 5 Vehicle Customization

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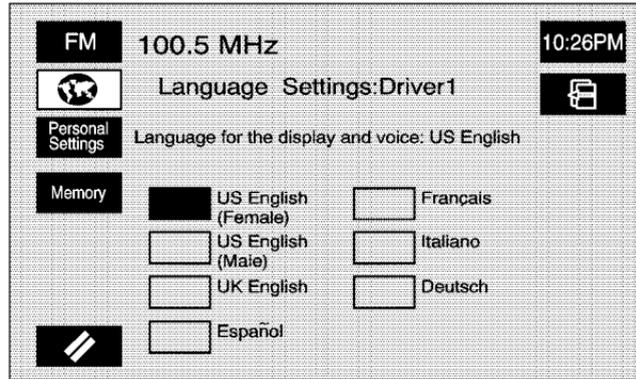
Vehicle Customization .....	5-2
Personalization .....	5-2

# Vehicle Customization

## Personalization

Your vehicle is equipped with personalization that allows you to program certain features to a preferred setting for up to two people. Features such as driver position, door lock personalization, passenger window personalization, chime personalization, driver information center, remote lock and unlock confirmation, suspension system configuration, and remote start climate control settings can be personalized.

## Language



This feature allows you to change the language that the vehicle (instrument panel cluster, HUD, Navigation system, etc.) is in. The languages available are US English (male speaking voice) US English (female speaking voice), UK English, German, French, Italian, and Spanish.

To change the language, do the following:

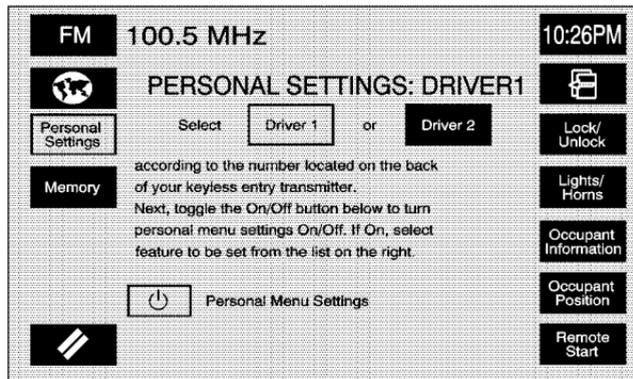
1. Select the CONFIG hard key.
2. Touch the Vehicle screen button.
3. Select the globe screen button or choose the desired language.
4. Your choice will be stored automatically.

If you become stuck in a language that you do not understand, do the following:

1. Turn off the vehicle.
2. Open and close the door. Wait about 10 seconds.
3. Turn on the vehicle.
4. Press the map hard key.
5. Touch the globe symbol screen button from the WARNING screen. See *Getting Started on page 1-3* for more information. This will take you directly to the Language screen. Choose the desired language.

Your choice will be stored automatically. All screens will display text in the selected language.

## Entering the Personalization Menu



To enter the personal settings mode, use one of the following procedures:

1. Be sure the ignition is either on, in accessory mode, or in RAP. The transmission must be in either PARK (P), or the vehicle must be stopped.
2. Press any button on the appropriate keyless access transmitter to identify yourself as Driver 1 or Driver 2. The driver number is shown on the back of the keyless access transmitter.
3. Press the CONFIG hard key.
4. Touch the Vehicle screen button.

5. Access the Personal Menu Setting by pressing the Personal Settings screen button.
6. The appropriate driver information should be highlighted. If you wish to change driver numbers, touch the appropriate screen button, either Driver 1 or Driver 2. The system will show the start up screen when the driver is changed.
7. The Personal Settings button must be highlighted to continue programming. If it is not highlighted, touch it. If it is highlighted, touch any of the buttons on the right of the screen to begin programming.

Some features have submenus that show additional features that can be turned on or off. After entering a submenu, select a feature and scroll through the menu and make the necessary change.

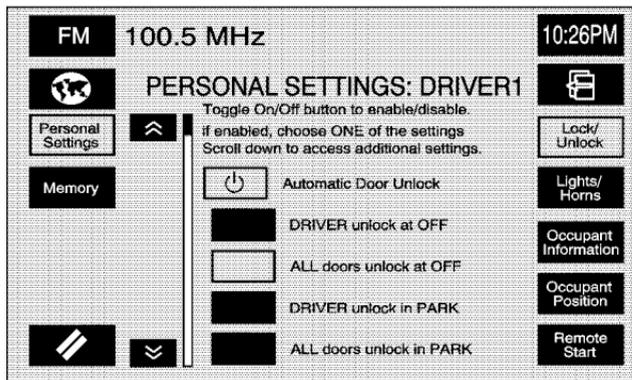
### Personalization Menu Settings Off Mode

If you choose not to use the Personalization Menu, the following defaults will be active on your vehicle:

Feature	Default Mode
Lock/Unlock	All Doors unlock in park
	All Doors unlock when PULLING front door handle
	Keyless Access All Doors lock 5 sec after last door closed off
	DELAY locking 5 sec after LOCK is pressed and last door closed on

Feature	Default Mode
Lights/Horns	Lights flash at UNLOCK on
	Lights flash at LOCK on
	Exterior lighting at UNLOCK on
	Horn chirps at LOCK off
	External Audible Keyless Entry Transmitter in vehicle reminder on
	Twilight Delay will be set at 5 sec
Occupant Information	Driver Greeting - standard driver greeting
	Chime Volume - Normal Chime Volume
	Passenger window Lockout off
	Suspension Ride Control Mode Touring
Occupant Position	Recall Memory with START button activation Off
	REMOTE recall Memory Off
	Auto EXIT Seat Recall Off
	Auto EXIT steering column recall Off
Remote Start	Remote Start Off

## Lock/Unlock



This feature allows you to change the automatic door locking and unlocking and the keyless access transmitter locking and unlocking.

The following choices are available:

### Automatic Door Unlock

If you turn this feature on, you may choose one of the following options:

**DRIVER unlock at OFF:** This feature allows the driver's door to automatically unlock when the ignition is turned off. When this feature is turned on, the button will appear highlighted next to the feature name.

**ALL doors unlock at OFF:** This feature allows all of the doors to automatically unlock when ignition is turned off. When this feature is turned on, the button will appear highlighted next to the feature name.

**DRIVER unlock in PARK:** This feature allows the driver's door to automatically unlock when the transmission is shifted into PARK (P). When this feature is turned on, the button will appear highlighted next to the feature name.

**ALL doors unlock in PARK:** This feature allows all doors to automatically unlock when the transmission is shifted into PARK (P). When this feature is turned on, the button will appear highlighted next to the feature name.

## Keyless Access Unlock

When this is selected, the keyless access system will automatically unlock the door based on the position of the transmitter. If you turn this feature on, you may choose between the following two options:

### **ALL doors unlock when PULLING front door**

**handle:** This feature automatically unlocks all of the doors when you approach the vehicle with your keyless access transmitter and pull either front door handle. When this feature is turned on, the button will appear highlighted next to the feature name. See “Door Locks” in the index of your owner manual for more information.

### **FRONT door unlocks when PULLING front door**

**handle:** This feature automatically unlocks the appropriate front door when you approach the vehicle with your keyless access transmitter and pull the respective front door handle. When this feature is turned on, the button will appear highlighted next to the feature name. See “Door Locks” in the index of your owner manual for more information.

You may also choose to activate one or both of the following two options:

### **Keyless Access All Doors lock 5 sec after Last door**

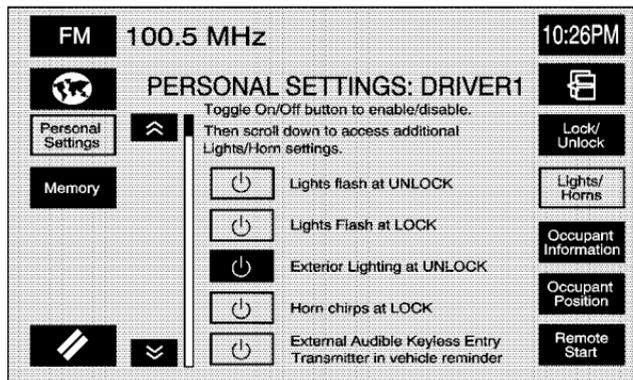
**closed:** This feature delays the locking of the vehicle’s doors for up to five seconds after the lock button on the keyless access transmitter is pressed. The five second delay occurs after the last door is closed. If the keyless access transmitter is left inside of the vehicle, the doors will not lock. When this feature is turned on, the button will appear highlighted next to the feature name.

### **DELAY locking 5 sec after LOCK is pressed and last**

**door closed:** This feature delays the locking of the vehicle’s doors for up to five seconds after a power door lock switch or the lock button on the keyless access transmitter is pressed. The five-second delay occurs after the last door is closed. If the keyless access transmitter is left inside of the vehicle, the doors will not lock. When this feature is turned on, the button will appear highlighted next to the feature name.

1. Choose the desired modes.
2. When you are finished, use the Back screen button to return to the PERSONAL SETTINGS screen.

## Lights/Horn



This feature allows you to choose the type of feedback desired when using your keyless entry transmitter and to set your vehicle's Twilight Sentinel® delay time. You can choose any or all of the following options:

**Lights flash at UNLOCK:** This feature allows the exterior lamps to flash when the keyless access transmitter is used to unlock the vehicle. All doors must be closed for this feature to work, and the lamps will not flash if the parking lamps or headlamps are on. If Lights flash at UNLOCK is turned on and either ALL doors unlock when PULLING front door handle or FRONT door unlocks when PULLING front door handle is turned on, the exterior lamps will flash when the doors are passively unlocked. See "Automatic Door Lock" earlier in this section for more information. When this feature is turned on, the button will appear highlighted next to the feature name.

**Lights flash at LOCK:** This feature allows the exterior lamps to flash once when the keyless access transmitter is used to lock the vehicle. All doors must be closed for this feature to work, and the lamps will not flash if the parking lamps or headlamps are on. If Lights flash at LOCK is turned on and either ALL doors unlock when PULLING front door handle or FRONT door unlocks when PULLING front door handle is turned on, the exterior lamps will flash when the doors are passively unlocked. See "Automatic Door Lock" earlier in this section for more information. When this feature is turned on, the button will appear highlighted next to the feature name.

**Exterior Lighting at UNLOCK:** This feature turns on the exterior lamps when the keyless access transmitter is used to unlock the vehicle. The lamps will remain on for about 20 seconds unless a door is opened, the ignition is turned to ACC, ON or START or the keyless access transmitter is used to lock the vehicle. When this feature is turned on, the button will appear highlighted next to the feature name.

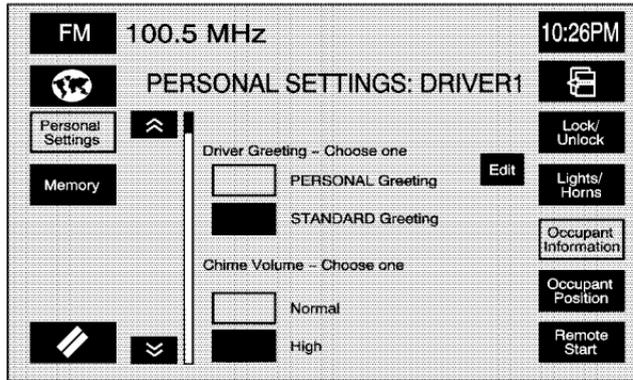
**Horn chirps at LOCK:** This feature sounds the horn once when the keyless access transmitter is used to lock the vehicle. All doors must be closed for this feature to work. When this feature is turned on, the button will appear highlighted next to the feature name.

**External Audible Keyless Entry Transmitter remains in vehicle reminder:** This feature chirps the horn three times when the driver's door is closed and there is a keyless access transmitter left inside the vehicle. This will only occur when the vehicle is off. When this feature is turned on, the screen button will appear highlighted next to the feature name.

**Twilight Delay:** If this feature is activated, you can choose the delay time that your exterior vehicle lights will stay on when you exit the vehicle. If you choose Off, the exterior lamps will not stay on when you exit the vehicle. Only one made can be selected at a time. The button next to the feature name will appear highlighted when the setting has been selected. You can choose any of the available options by touching the appropriate time button.

1. Choose the desired settings.
2. When you are finished, use the Back screen button to return to the PERSONAL SETTINGS screen.

## Occupant Information



This feature allows you to choose the greeting, chime volume, suspension ride controls, and front passenger window lockout settings.

**Driver Greeting:** You can choose between a personal greeting and a standard greeting of Driver 1 or Driver 2. This greeting is shown on the instrument cluster when you turn the vehicle on.

If you choose to have a personal greeting, the next step is to touch the Edit screen button. The alpha keypad will be displayed. Type in the desired greeting. You may enter up to 16 characters. When you are finished typing the greeting, touch the OK screen button.

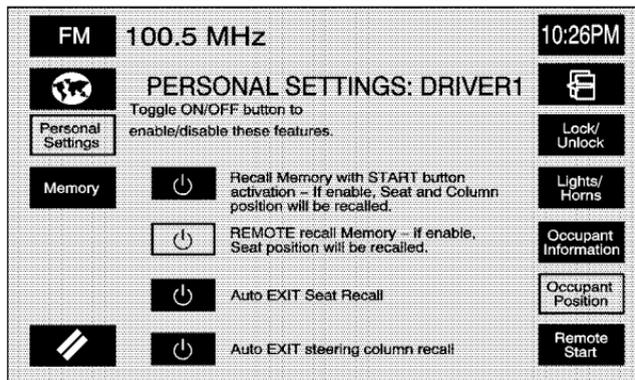
**Chime Volume:** You can choose a normal or high volume level for the vehicle chime setting. The chime volume cannot be turned off.

**Suspension:** If your vehicle has this feature, you can select between performance or touring modes. Performance mode is used where road conditions or personal preference demand more control. This setting provides more “feel” or response to road conditions. Touring mode is used for normal city and highway driving. This setting provides a smooth, soft ride.

**Passenger Window Lockout:** You can choose whether or not to have the front passenger window deactivated as part of the window lockout button. If you would like the passenger window to be deactivated when the window lockout button is pushed, choose this feature. If this feature is left off, the window lockout button located on the door will deactivate only the rear windows. When this is on, the button next to this feature name will appear highlighted. See “Power Windows” in the index of your owner manual for more information.

1. Choose the desired settings.
2. When you are finished, use the Back screen button to return to the Personal Settings screen.

## Occupant Position



This feature allows you to choose the memory features you want activated automatically upon entering and exiting the vehicle. You may select any or all of the following settings:

**Recall memory with START button activation:** When on, the previously programmed seat, mirror and steering column positions will be recalled when the START button is pressed. See “Starting and Operating Your Vehicle” in the index of your owner manual for more information.

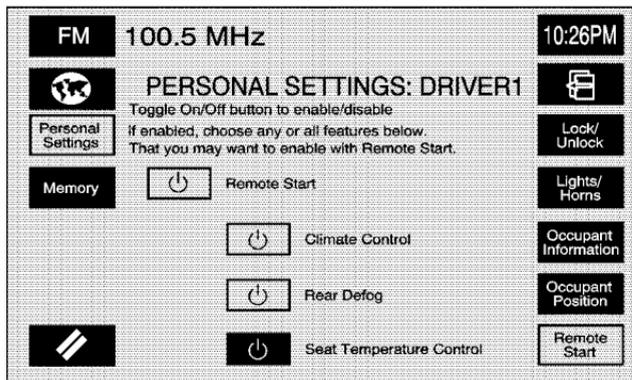
**REMOTE recall memory:** When on, the previously programmed seat and mirror positions will be recalled when you press the unlock button on the keyless access transmitter.

**Auto EXIT Seat Recall:** When on, your previously programmed exit seat position is recalled when vehicle is turned off, the shift lever is in PARK (P), and the driver door is opened.

**Auto EXIT steering column recall:** When on, your previously programmed exit steering column position is recalled when vehicle is turned off, the shift lever is in PARK (P), and driver door is opened.

1. Choose the desired settings.
2. When you are finished, touch the Back screen button to return to the PERSONAL SETTINGS screen.

## Remote Start



This feature allows you to choose the features (if equipped) you would like to have activate when you engage the remote start on your vehicle. See “Remote Vehicle Start” under “Keyless Access System Operation” in the index of your owner manual for more information.

You may choose any or all of the following items:

1. The Remote Start screen button must be highlighted for the remote start feature to be activated.
2. Once the remote start feature is activated, you can choose any or all of the features shown.

**Climate Control:** If this feature is active, the climate control system will engage when the vehicle is started using the remote start feature. It will be at the same climate control setting that was last used by the driver using that keyless access transmitter.

**Rear Defog:** If this feature is active, the rear defogger will engage when the vehicle is started using the remote start feature.

**Seat Temperature Control:** If this feature is active, the seats will be heated or cooled, if equipped, when the vehicle is started using the remote start feature.

## Memory

If your vehicle has the memory feature, you can program and recall memory settings for the following features for up to two drivers:

- The driver's seat position.
- The outside rearview mirrors position.
- The telescopic steering column position.
- The language, radio and XM™ presets, tone, volume, playback mode (AM/FM or CD), last displayed stations and compact disc position are set automatically.
- The last climate control setting is set automatically.
- The Head-Up Display (HUD) position, if equipped, is set automatically.
- Navigation System previous destination, stored memory points, nametags, paired phones, navigation voice prompts, etc. are stored automatically.
- Other personalization settings (for example, remote start settings).

Memory features are programmed and recalled through the Navigation System and the Voice Recognition system. See “Entering the Memory Menu” later in this section for more information on recalling and programming the memory settings using the Navigation System screen buttons.

## Entering the Memory Menu

To enter the memory programming mode, use the following procedure:

1. Be sure the ignition is either on, in accessory mode, or in RAP. The transmission must be in either PARK (P), or the vehicle must be stopped.
2. Press any button on the appropriate keyless access transmitter to identify yourself as Driver 1 or Driver 2. The numbers on the back of the keyless access transmitters correspond to the driver number.
3. Press the CONFIG hard key.
4. Touch the Vehicle screen button.
5. Press the Memory screen button.
6. Select either Recall Driver Settings or Store Driver Settings.
7. The appropriate driver information should be highlighted. If you wish to change driver numbers, touch the appropriate screen button, either DRIVER 1 or DRIVER 2.
8. Touch the Memory screen button.

**Recall Driver Settings:** Touch this screen button to have your previously stored seat, steering column, outside mirror, climate control and radio positions recalled.

To recall driver settings using the Navigation System, use the following procedure:

1. Select the CONFIG hard key.
2. Select the Vehicle screen button.
3. Select the Memory screen button.
4. Select the Recall Driver Setting screen button to recall your previously stored settings.

If the vehicle is in PARK (P), a beep will sound and your previously saved driving position will then be recalled. If the vehicle is not in PARK (P), three beeps will sound and your previously saved driving position will not be recalled.

A memory recall can be stopped by pressing any memory seat or mirror position button. If you would like the stored driving positions to be recalled when unlocking your vehicle with the keyless access transmitter or when starting your vehicle, see “Occupant Position” earlier in this section.

**Store Driver Settings:** This feature allows you to store the seat, steering column, and outside mirrors positions.

To store driver settings, using the Navigation System, use the following procedure:

1. Select the CONFIG hard key.
2. Select the Vehicle screen button.
3. Select the Memory screen button.
4. Select the Store Settings screen button.
5. Adjust your settings for the driver’s seat, the outside mirrors, and the steering column to a comfortable driving position.
6. Select the Store Driver Settings screen button. A beep will sound to confirm that the driver settings are stored.
7. Repeat this procedure for a second driver by programming the other driver number.

Your memory settings are now programmed. Any changes that are made to the HUD, Navigation System, and climate controls while driving will be automatically stored when then ignition is turned off.

**Driver Select:** Change which driver is active by touching this screen button. The numbers on the back of the keyless access transmitters correspond to the driver number.

**Store Exit Settings:** This feature allows you to store exit positions for the seat and steering column.

To store exit settings using the Navigation System, use the following procedure:

1. Select the CONFIG hard key.
2. Select the Vehicle screen button.
3. Select the Memory screen button.
4. Adjust your settings for the driver's seat and the steering column to a comfortable exit position.
5. Select the Store Exit Driver Settings screen button. Two beeps will sound to confirm that your new exit settings are saved.
6. Repeat this procedure for a second driver by programming the other driver number.

**Recall Exit Settings:** This screen button allows you to recall the seat and steering column to the appropriate exit positions.

To recall exit settings using the Navigation System, use the following procedure:

1. Select the CONFIG hard key.
2. Select the Vehicle screen button.
3. Select the Memory screen button.
4. Select the Recall Exit Settings screen button to recall your previously stored exit settings.

If the vehicle is in PARK (P), a beep will sound and your previously saved exit position will then be recalled. If the vehicle is not in PARK (P), three beeps will sound and your previously saved exit position will not be recalled.

A memory recall can be stopped by pressing any memory seat or mirror position button. If you would like the stored exit positions to be recalled when your vehicle is in PARK (P), the vehicle is off, and the driver's door is opened, see "Occupant Position" earlier in this section.

## Memory Infotainment Settings and Presets

These settings and presets are set automatically. They include the following:

- Radio presets
- Navigation
- Address Book
- Language
- HUD display
- Climate control settings

For more information, see each item in the index.

## Section 6 Phone

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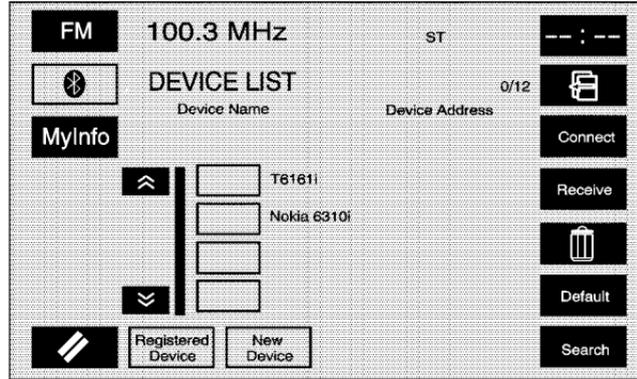
# Phone

## Bluetooth® Phone

Your vehicle is equipped with Bluetooth®. Bluetooth® is a wireless communication system that allows you to use a Bluetooth® compatible phone in a hands-free mode. You may also set up a phone directory for use in your vehicle. Up to 12 phones may be registered with your Bluetooth® system, but only one phone may be connected at a time.

## Setting Up Your Bluetooth® Phone

In order to use your cellular phone with this Bluetooth® system, your phone must be Bluetooth® compatible. Please see your phone information to find out which versions of Bluetooth® work with your phone.



**My Info:** Touch this screen button to display the details of your Bluetooth® device including the name and passkey information. Selecting Device Name allows you to edit the name of the Bluetooth® device in your vehicle. Selecting PASS-Key® allows you to edit the pairing passkey used for your vehicle.

**⏮ (Page Up):** This screen button scrolls up the list one page at a time.

**⏭ (Page Down):** This screen button scrolls down the list one page at a time.

✍ **(Cancel):** Touch this screen button to return to the BLUETOOTH PHONE screen.

**Registered Device:** Touch this screen button to display a list of all Bluetooth® phones that are connected to your vehicle. From this list you can set your default device or change phones to be used in the vehicle.

**New Device:** Touch this screen button when you are in the process of adding a new phone to be used in the vehicle. From this menu you can receive a new device or search for new devices.

 **(Back):** This screen button will return the screen to the previous page.

**Connect:** This screen button will connect your phone to the Bluetooth® system.

**Receive:** Touch this screen button to have your Bluetooth® system connect to your phone when you are using your phone as the device to initiate pairing. This allows your phone to seek your vehicle and connect. When this button is pressed, the Navigation system is waiting to be connected.

 **(Delete):** This screen button will delete items one at a time.

**Default:** This screen button will set the highlighted device to be the default. This will underline the default device in the list.

**Search:** This screen button will begin the system's search for all available Bluetooth® phones in a designated area.

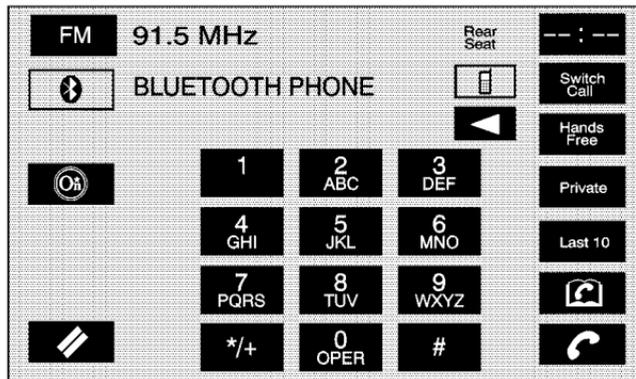
To set up your phone, do the following:

1. Press the CONFIG hard key to enter the Select Setting Function screen.
2. Touch the Bluetooth® screen button (📶).
3. Touch the Search screen button. The system will search for all Bluetooth compatible phones within the vehicle.

Your phone must be in the discoverable mode to be found by the Bluetooth system.

4. The Device List screen will appear. Scroll through the choices using the arrow buttons.
5. Choose your device by touching the icon next to the device name.
6. Touch the Connect screen button. Your phone and the Bluetooth® system will begin a connecting procedure.
7. Follow the instructions on screen. They will differ depending on your phone. Refer to your phone instructions for further information.

## Screen Explanation



 **(Bluetooth):** This is the Bluetooth® screen button.

 **(Cancel):** This screen button will take you back to the Navigation menu.

 **(Call Status):** This area will indicate the call status. It will indicate whether or not there is good signal strength and whether or not the phone is in service range.

 **(Delete):** Touch this screen button to delete numbers after they have been entered. Touch and release to delete numbers one-by-one or hold it down to delete all numbers.

**Switch Call:** Use this screen button to switch calls during a call-waiting situation.

**Hands Free:** Choose this screen button to use the phone like a speaker phone.

**Private:** Choose this screen button to use the phone handset.

**Last 10:** This screen button will take you to a screen showing your last 10 calls either sent or received. You are able to place phone calls from this screen.

 **(Phone Book):** This screen button will take you to the phone book screen.

 **(Send/End Call):** This screen button will let you place a call after using the alpha keypad or to cancel a call at the end of the conversation. When you send a call, the button will be green. When you are in a call the button will be red to indicate that touching the button will end the call.

## Using Your Bluetooth® Phone

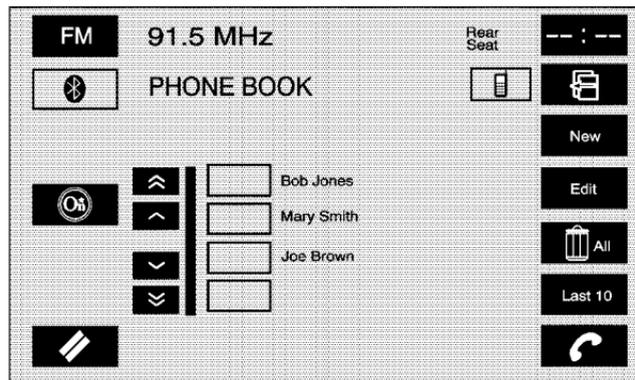
Once your phone has been set up, you are ready to begin using it.

1. Press the AUX hard key to enter the BLUETOOTH PHONE screen.
2. Touch the Bluetooth® screen button (Ⓜ).
3. Use the keypad to dial the number you wish to call.
4. Touch the phone icon screen button to place the call.
5. When you are ready to hang up, press the phone icon screen button again to disconnect the call.

Depending on the model of your Bluetooth® compatible phone, you may be able to choose the Hands Free or Private screen buttons. If you want to use the phone through your speakers, use the hands free mode. If you want to talk directly into your phone, choose the private mode.

### Phone Book Screen

This screen allows access to your Bluetooth® Phone Book where you can store names and phone numbers.



⏮ (Page Up): This screen button scrolls up the list one page at a time.

⏪ (Scroll Up): This screen button scrolls up the list one entry at a time.

⏩ (Scroll Down): This screen button scrolls down the list one entry at a time.

⏭ (Page Down): This screen button scrolls down the list one page at a time.

 **(OnStar):** Touch this screen button to use the OnStar<sup>®</sup> system to place a phone call. See *OnStar<sup>®</sup> System on page 2-48* for more information.

 **(Cancel):** Touch this screen button to return to the BLUETOOTH PHONE screen.

 **(Back):** This screen button will return the screen to the previous page.

 **(Scroll to End/Beginning):** These screen buttons will allow you to scroll through the entry as necessary.

**New:** This screen button will begin the creation of a new phone book entry.

**Edit:** This screen button allows you to edit an existing phone book entry.

 **All (Delete All):** This screen button deletes all phone book entries.

**Last 10:** This screen button will take you to a screen showing your last 10 calls either sent or received using the Bluetooth system. You are able to place phone calls from this screen.

 **(Send/End Call):** This screen button will let you place a call after touching the appropriate phone book entry or to cancel a call at the end of the conversation.

To add a new phone book entry, do the following:

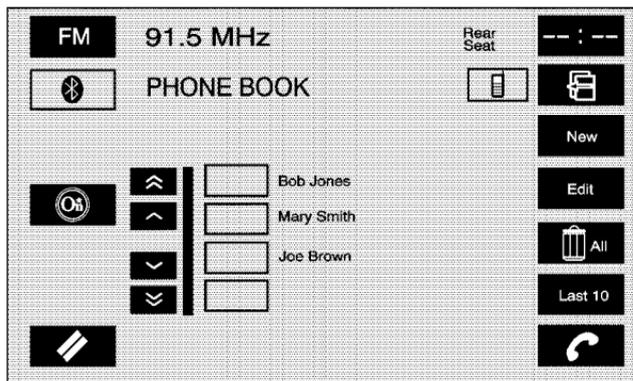
1. Touch the New screen button.
2. Touch a blank entry.
3. Touch the Edit screen button.
4. Use the keypads to input the name and telephone number. You may have a maximum of 24 characters.
5. If you want, you may also add a nametag to the entry to work with the voice recognition. You may have up to 10 nametags for phone book entries in use at a time.
6. When you have completed entering the information, touch the OK screen button.

To add a nametag to a specific name:

1. Select the PHONE BOOK screen.
2. Select the name that you wish to add a nametag to.
3. Select the Edit screen button.
4. Touch the Add Nametag screen button.
5. The system will request that you state the name you wish to associate with this entry.
6. The system will repeat the name and request confirmation. Say “Yes” to confirm or “No” to cancel.

## Last 10 Calls Screen

This screen shows either the last 10 calls that have been placed or the last 10 calls received by your Bluetooth® system. The newest calls are at the top of the list.



 **(Page Up):** This screen button scrolls up the list one page at a time.

 **(Scroll Up):** This screen button scrolls up the list one entry at a time.

 **(Scroll Down):** This screen button scrolls down the list one entry at a time.

 **(Page Down):** This screen button scrolls down the list one page at a time.

 **(Cancel):** Touch this screen button to return to the BLUETOOTH PHONE screen.

 **(Back):** This screen button will return the screen to the previous page.

 **(Scroll to End/Beginning):** These screen buttons will allow you to scroll through the entry as necessary.

**Save:** This screen button will allow you to save the entry in your phone book.

 **All (Delete All):** This screen button deletes all phone book entries in the screen you are currently in, either received or sent.

 **(Phone Book):** This screen button will take you to the phone book screen.

 **(Send/End Call):** This screen button will let you place a call after touching the appropriate phone book entry or to cancel a call at the end of the conversation.

**Sent:** Touching this screen button will give you the list of the last 10 calls sent from your Bluetooth® system.

**Received:** Touching this screen button will give you the list of the last 10 calls received on your Bluetooth® system.



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