2005 GMC Yukon/Yukon XL, Yukon Denali/Yukon Denali XL Navigation System

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

Litho in U.S.A.
Part No. 15119900 A First Edition

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Section 1 Overview

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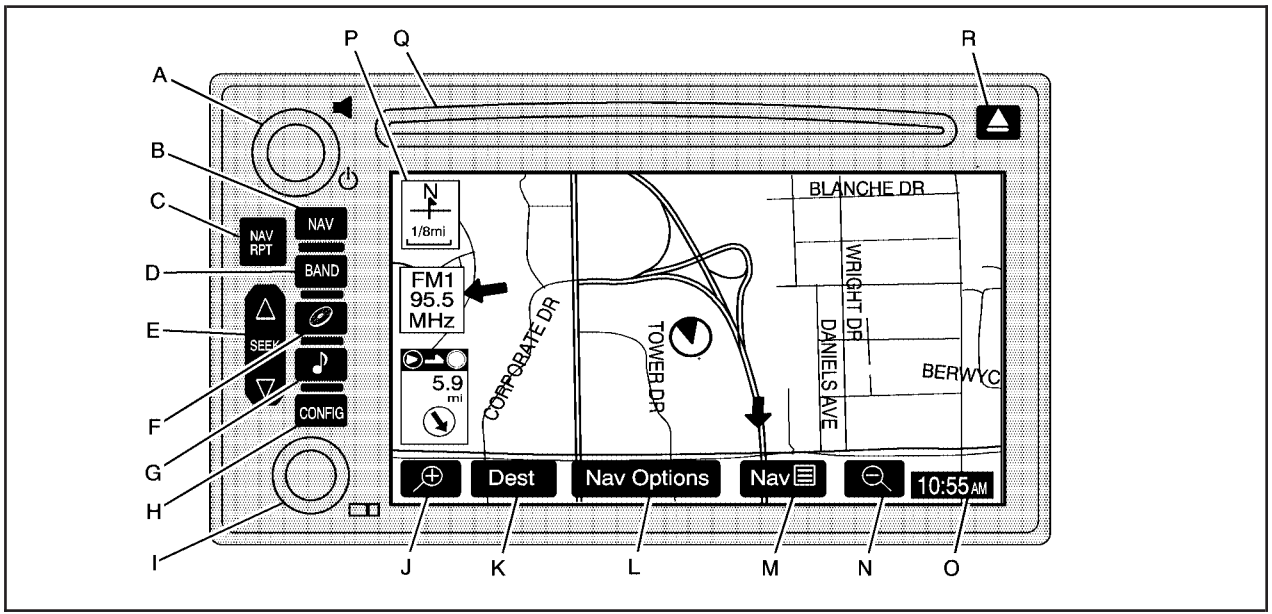
Overview

Navigation System Overview



A. ⏻ Power/Volume Knob. See “Hard Keys” under *Using the Navigation System on page 2-2*.

B. NAV (Navigation) Key. See “Hard Keys” under *Using the Navigation System on page 2-2*.

C. NAV RPT (Navigation Repeat) Key. See “Hard Keys” under *Using the Navigation System on page 2-2*.

D. BAND Key. See “Playing the Radio” under *Navigation Audio System on page 3-2*.

E. △SEEK▽ Key. See “Finding a Station” under *Navigation Audio System on page 3-2*.

F. CD Key. See “Playing a CD” under *Navigation Audio System on page 3-2*.

G. ♪ Audio Key. See *Navigation Audio System on page 3-2*.

H. CONFIG (Configure) Key. See “Hard Keys” under *Using the Navigation System on page 2-2*.

I. Tuning Knob. See “Finding a Station” under *Navigation Audio System on page 3-2*.

J. Zoom In Screen Button. See “Touch Sensitive Screen Buttons” under *Using the Navigation System on page 2-2*.

K. Dest (Destination) Screen Button. See “Touch Sensitive Screen Buttons” under *Using the Navigation System on page 2-2*.

L. Nav (Navigation) Options Screen Button. See “Touch Sensitive Screen Buttons” under *Using the Navigation System on page 2-2*.

M. Nav (Navigation Menu) Screen Button. See “Touch Sensitive Screen Buttons” under *Using the Navigation System on page 2-2*.

N. Zoom Out Screen Button. See “Touch Sensitive Screen Buttons” under *Using the Navigation System on page 2-2*.

O. Clock. See “Clock” under *Configure Menu on page 2-31*.

P. Directional Indicator. See *Symbols on page 2-6*.

Q. DVD/CD Loading Slot

R. ⏏ DVD/CD Eject Key

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.

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.

When getting started, you may set the navigation system to your preference using various options. You will also need to know how to perform various functions to begin route guidance. Reference the following topics for further information:

Setting Radio Station Presets

To set preset radio stations, do the following:

1. Press the power/volume knob to turn the audio and navigation system on.
2. Press the BAND hard key to access the band menu and select the desired band. You may choose between AM, FM1, FM2, and XM1, and XM2 (if equipped).
3. Use the tuning knob or the SEEK hard key arrows to select a station.
4. Touch and hold one of the six screen buttons at the bottom of the screen until you hear a beep or see the station displayed on the selected preset button.

Setting the Time

To set the time, do the following:

1. Press the power/volume knob to turn the audio and navigation system on.
2. Press the CONFIG hard key.
3. Touch the Clock screen button.
4. Touch the appropriate Time Zone screen button.
5. Touch the Daylight Savings screen button.

The time is now set. Touch the Manual Adjust screen button if you need to further adjust the time. The radio will use the GPS satellite to set the time. The vehicle needs to be in an open area to receive the signal.

Entering an Address, Point of Interest, Home and Preset Destinations

Before you enter an Address, Point of Interest, Home or any Preset Destination, you must select the appropriate search area that contains the final destination you wish to enter. Your vehicle must be stopped to perform this operation.

Setting the Search Area

To set the search area, do the following:

1. Press the power/volume knob to turn the audio and navigation system on.
2. Insert the DVD map disc into the radio CD slot.
3. A notice may appear. Touch the NEXT screen button to proceed.

   If the radio is already on with a map disc inserted, push the NAV hard key.
4. Touch the DEST screen button.
5. Touch the Change screen button.
6. Touch the appropriate Search Area numbered screen button that contains your final destination.

You will automatically be returned to the Destination menu.

Entering an Address

You can set a destination by entering a street address. To enter an address, do the following:

1. Press the power/volume knob to turn the audio and navigation system on.
2. Insert the DVD map disc into the radio CD slot.
3. A notice may appear. Touch the NEXT screen button to proceed.

   If the radio is already on with a map disc inserted, push the NAV hard key.
4. Touch the DEST screen button located in the lower left corner of the map.
5. Verify that the selected Search Area is correct.
6. Touch the Address screen button.
7. Enter the street name using the alpha keypad on the screen.

   Do not enter directional information or street type, and be sure to use the space symbol screen button (␣) between street or city names. For example, the street name N. Royal Oak Rd. should be entered as royal␣oak. Use the backspace (◄) screen button for misspellings.

8. Select the desired street name from the list by touching the screen button beside the correct street name.
9. Enter the address number using the numeric keypad on the screen. You may first have to select the correct range for the address number, then enter the desired address and touch the OK screen button.
10. Touch the screen button beside the correct city.
11. Touch the Enter Destination screen button. The address entry is now complete.
12. Once you begin driving you will hear an audio prompt to “Proceed to the highlighted route.” You are now in route guidance mode.

Entering a Point of Interest (POI)

You can set a destination by entering a Point of Interest (POI). To enter a POI, do the following:

1. Press the power/volume knob to turn the audio and navigation system on.
2. Insert the DVD map disc into the radio CD slot.
3. A notice may appear. Touch the NEXT screen button to proceed.

   If the radio is already on with a map disc inserted, push the NAV hard key.
4. Touch the DEST screen button located in the lower left corner of the map.
5. Verify that the selected Search Area is correct.
6. Touch the POI screen button.
7. Enter the specific title of the POI in the Name space (Washington Monument, Gateway Arch) using the alpha keypad on the screen.
   - If there are POIs with the same name, spell out the name and then touch the List screen button (McDonald’s restaurant vs. McDonald corporate office).
   - Select the business desired.
   - The system will list the locations of POIs in order of distance from your location.
   - Touch the screen button next to the address of the POI desired.
8. Touch the Enter Destination screen button. The POI entry is now complete.
9. Once you begin driving you will hear an audio prompt to “Proceed to the highlighted route.” You are now in route guidance mode.

Using the Category or City selections will aid the system in finding your POI by limiting the search options.

Setting Home Destination

1. Press the power/volume knob to turn the audio and navigation system on.
2. Insert the DVD map disc into the radio CD slot.
3. A notice may appear. Touch the NEXT screen button to proceed.

   If the radio is already on with a map disc inserted, push the NAV hard key.
4. Touch the Nav (navigation) menu screen button.
5. Touch the Memory Points screen button.
6. Touch the Register Home screen button.
7. Touch the Address screen button and then enter all address information.
8. Touch the Register Point screen button to store the home address as a memory point.

Setting Preset Destinations

1. Press the power/volume knob to turn the audio and navigation system on.
2. Insert the DVD map disc into the radio CD slot.
3. A notice may appear. Touch the NEXT screen button to proceed.

   If the radio is already on with a map disc inserted, push the NAV hard key.
4. Touch the Nav (navigation) menu screen button.
5. Touch the Memory Points screen button.
6. Touch the Register screen button located under the Preset Dest column.
7. Touch one of the five preset buttons.
8. Touch the Address screen button and then enter the address information.
9. Touch the Register Point screen button to store the memory point.

Using Your Home or Preset Destinations

These destinations are available for selection while driving.

1. Press the power/volume knob to turn the audio and navigation system on.
2. Insert the DVD map disc into the radio CD slot.
3. Touch the DEST screen button.
4. Touch the (Home symbol) or one of the available Preset Destination symbols at the bottom of the Destination screen.
5. Once you begin driving, or if you are already driving, you will hear an audio prompt to “Proceed to the highlighted route.” You are now in route guidance mode.

Canceling Guidance

Guidance will be canceled once you arrive at your final destination. To cancel guidance prior to arrival at the final destination, do the following:

1. From the map screen, touch the Nav Options screen button.
2. Touch the Cancel Route screen button.
3. Touch the Yes screen button to confirm cancellation.

Section 2 Features and Controls

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Features and Controls

Using the Navigation System

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

The main navigation menu displays a number of options which offer information on a variety of topics. See *Navigation Menu on page 2-7* for more information.

Use the keys located to the left of the navigation screen along with the available touch-sensitive screen buttons on the navigation screen to operate the system.

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

Hard Keys

The following hard keys are located to the left of the navigation screen:

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

NAV RPT (Navigation Repeat): Press the NAV RPT key to repeat the current voice guidance navigation prompt.

NAV (Navigation): If you are in a menu and are not on the map screen, press the NAV key to view the map showing current vehicle position.

If a route has not been planned, pressing this key will display the map screen and the following information:

- North or Heading Up symbol
- Time
- Map scale

If a route has been planned, pressing this key will display the map screen and the following information:

- Number of miles/kilometers between current vehicle position and the destination. See “Route Overview Menu” under *Destination on page 2-16* for more information.
- Estimated travel time to the destination. See “Route Overview Menu” under *Destination on page 2-16* for more information.
- Highlighted route or turn-by-turn instructions. See “Map Appearance” under *Navigation Menu on page 2-7* for more information.

You will find more information on each feature found on a map screen later in this manual.

BAND: Press the BAND key to access the BAND screen and switch between AM, FM1, FM2, XM1, or XM2, if equipped. See “Finding a Station” under *Navigation Audio System on page 3-2*.

▽ **SEEK △:** Press the SEEK up or down arrows to go to the next or previous radio station and stay there. See “Finding a Station” under *Navigation Audio System on page 3-2*.

(CD): Press the CD key to play a CD. The CD screen will be displayed. See “Playing a CD” under *Navigation Audio System on page 3-2*.

♪ **(Audio):** Press the audio key to access the Audio menu. See *Navigation Audio System on page 3-2*.

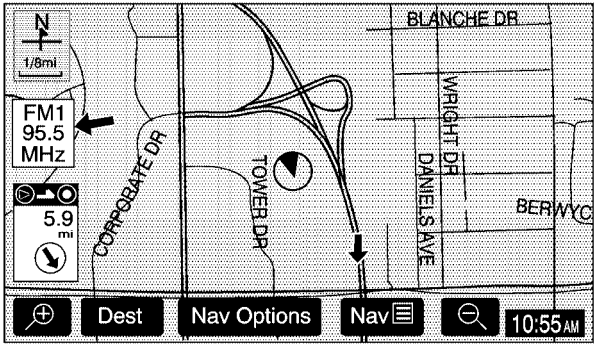
CONFIG (Configure): Press the CONFIG key to access the Configure menu. See *Configure Menu on page 2-31* for more information.

Tuning Knob: Turn the tuning knob to go to the next or previous radio station and stay there. See “Finding a Station” under *Navigation Audio System on page 3-2*.

⏏ **(Eject):** Press the eject key located above the DVD/CD slot to eject a map DVD or CD.

Touch-Sensitive Screen Buttons

Touch-sensitive buttons are located on the navigation screen. When you have successfully selected a button on the screen, a beep will sound. This feature can also be turned off. See *Configure Menu on page 2-31* for more information. Screen buttons will be highlighted when available and dim when they are unavailable. There are also some toggle touch-sensitive screen buttons that will be light blue when active and dark blue when not active.



The following touch-sensitive screen buttons will appear frequently at the bottom of a map screen.

Dest (Destination): Touch this screen button to display the Destination menu. See *Destination on page 2-16* for more information.

Nav (Navigation) Options: Touch this screen button to display the Nav Options menu. See “Navigation Options” under *Destination on page 2-16* for more information.

Nav (Navigation Menu): Touch this screen button to display the main navigation menu. See *Navigation Menu on page 2-7* for more information.

(Zoom In): Touch this screen button to get a closer look at a smaller section of the map you are traveling on.

(Zoom Out): Touch this screen button to see a larger scale of the map you are traveling on. You can also view your highlighted route.

Clock: Touch the clock screen button when the radio is on to display the date.

Audio Source: Touch the audio source information while a map screen is displayed to bring up the Audio screen.

Back: Touch this screen button when available on a menu to return to the previous screen.

Maps

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

The maps are stored on a DVD-ROM. The United States, Hawaii, and Canada are contained on one disc. The map database includes interstate freeways, state highways, country roads, and major and general streets.

Refer to the “Navigation System Map Disc” manual to view the explanation of map coverage. The map disc manual will be in your map DVD case when the vehicle is delivered from the factory.

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

1. Turn the ignition on.
2. Load the map DVD into the slot by inserting it partway. The system will pull it in.

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

- ENG (English)
- FR (French)

You can select the language at this time. See “Language” under *Configure Menu on page 2-31* for more information. Once a language has been selected, touch the NEXT screen button to plan a route. The map will appear showing your current vehicle position.

Map Adjustments and Scales

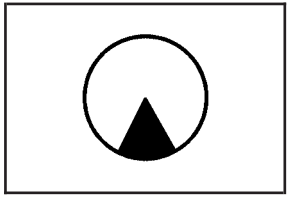
The system allows you to adjust the scale of view on the map. The map will scroll automatically based on the direction you are traveling.

To view a larger or smaller scale of the map, touch zoom in or zoom out. See “Hard Keys” under *Using the Navigation System on page 2-2* for more information.

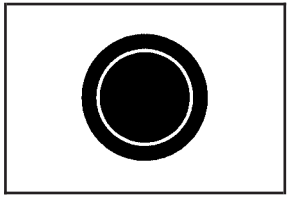
The scale of a map can range from 1/32 of a mile (0.05 km) to 128 miles (206 km).

Symbols

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



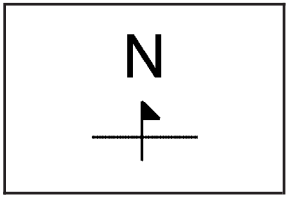
Your vehicle is shown as this symbol. It indicates the current position of your vehicle on the map.



This red bulls-eye symbol will appear on the map to show your destination after a route has been planned.

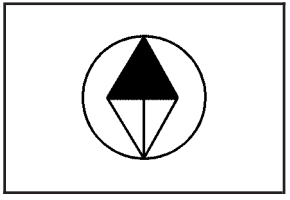
See *Destination on page 2-16* for information on planning a route.

When one of five possible destinations has been set, you will see a circle with numbers 1 through 5, depending on which number destination it is.



This symbol indicates that the map is shown with North up, known as North Up mode.

While in North Up mode, North will always be at the top of the map screen regardless of which direction the vehicle is traveling. See “Map Appearance” under *Navigation Menu on page 2-7* for more information.

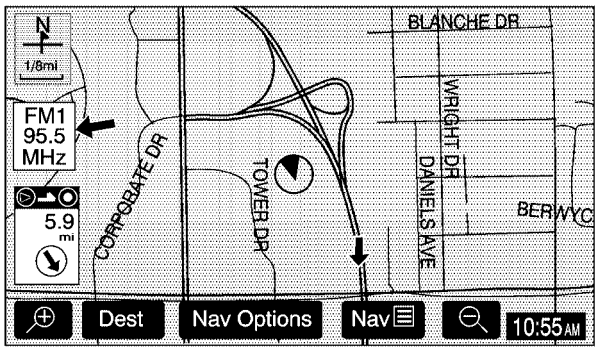


This symbol indicates that the map is shown with the vehicle travel direction up, known as Heading Up mode.

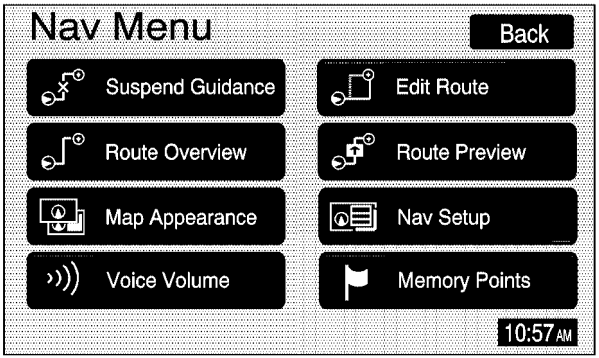
The shaded triangle indicates North. While in Heading Up mode, the direction your vehicle is traveling will always be at the top of the map screen. See “Map Appearance” under *Navigation Menu on page 2-7* for more information.

Navigation Menu

Nav (Navigation Menu): Touch the navigation menu symbol screen button at the bottom of the map screen to access the main navigation menu.



The main navigation menu allows you to choose from a list of options and to use the available touch screen buttons to make system adjustments and plan routes.



You will be able to choose from the following items on the main navigation menu:

Suspend Guidance

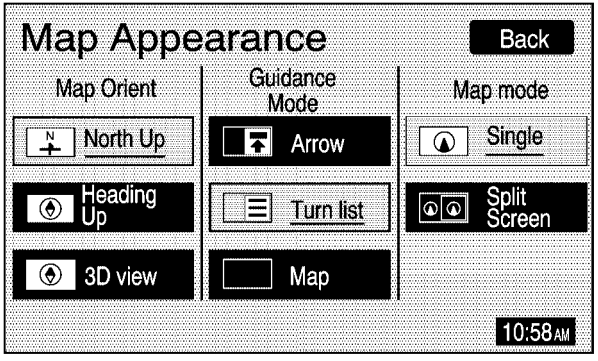
Selecting the Suspend Guidance screen button from the Nav Menu allows you to suspend guidance to all current and programmed destinations, but the current route will be retained in memory. You will no longer receive voice prompts for navigation. The map can still be viewed by pressing the NAV hard key. If you suspend guidance, you can touch the Resume Guidance screen button to resume the current route.

Route Overview

Selecting the Route Overview screen button will show the map with the route highlighted. The total distance and estimated travel time are also displayed.

Map Appearance

Selecting the Map Appearance screen button allows you to adjust the appearance of a map based on your preferences.



This menu is divided into three sections: Map Orient (orientation), Guidance Mode, and Map Mode. Touch an option's screen button to select it.

The following are brief explanations of the options available in each section:

North Up: This feature orients the map with North at the top of the map screen, regardless of which direction you are driving.

Heading Up: This feature orients the map with the direction you are driving at the top of the map screen, regardless of which direction is North.

3D view: This feature gives maps a 3-dimensional view, and will remain in the Heading Up position.

Arrow: This feature continually displays directional turn guidance for your next maneuver.

Turn list: This feature lists information on your next three maneuvers, including the distance to the turn, and street names.

Map: This feature will display your current position, with the calculated route highlighted.

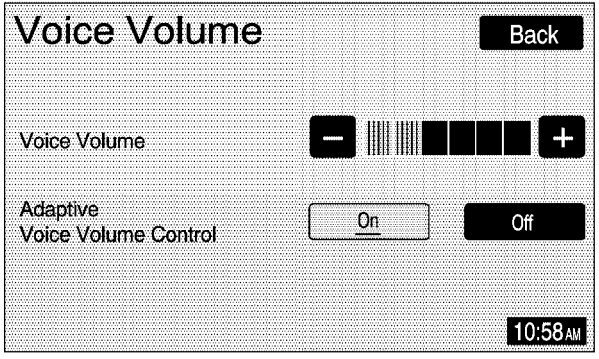
Single: This feature allows one map to be displayed.

Split Screen: This feature allows two maps to be displayed, which can be independently adjusted in both scale and map orientation.

For more information on the symbols that can appear on a map screen, see *Symbols on page 2-6*.

Voice Volume

Selecting the Voice Volume screen button allows you to adjust the volume of the voice guidance prompts that provide various messages as you approach points where you need to maneuver your vehicle, such as an intersection.



To adjust the volume of the voice prompts you receive from the system, do the following:

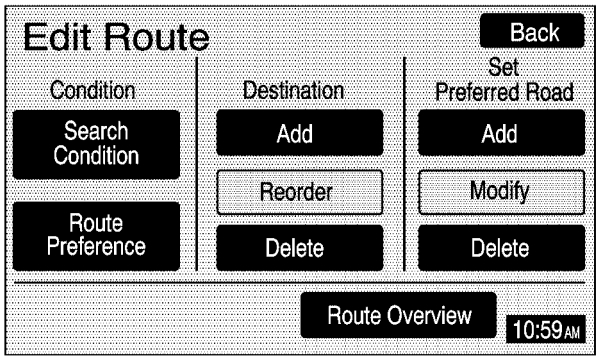
1. Touch the Voice Volume screen button.
2. Touch the plus (+) or minus (–) sign screen buttons to increase or decrease the volume. The voice prompt will come on with each adjustment to give you an idea of the volume at each level.
3. Once you have reached the desired volume level, touch the Back screen button to return to the previous screen.

With Adaptive Voice Volume Control, the volume of voice prompts will increase automatically once the vehicle exceeds 50 mph (80 km/hr). Touch the On screen button to activate this feature, or the Off screen button to turn this feature off.

If you do not need voice guidance, you may also choose to lower the volume until the voice guidance prompts turn off by lowering Voice Volume as far as it will go.

Edit Route

Selecting the Edit Route screen button allows you to recalculate a route based on your preferences.



Condition: The Search Condition screen allows you to select your route preference by choosing from Fastest, Shortest, or Alternative route. By selecting the Fastest route, you will be routed along main roads and highways, which does not necessarily mean it will be the shortest route.

The Route Preference screen allows you to select your road preferences by setting which types of roads you wish to use or avoid.

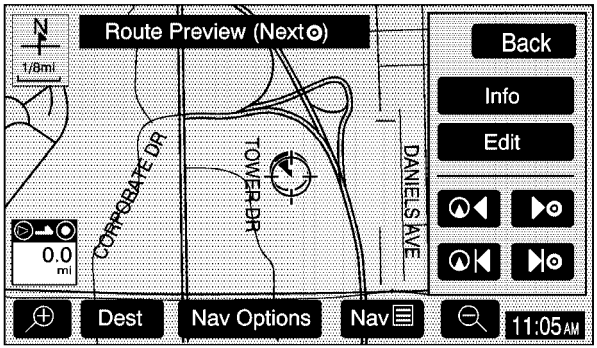
Destination: This feature allows you to add, reorder, or delete destinations.

Set Preferred Road: This feature allows you to add, modify, or delete road preference settings.

Route Overview: Touch this screen button to access the Route Overview menu. See “Route Overview” under *Destination on page 2-16*.

Route Preview

Selecting the Route Preview screen button once route guidance has begun will display the map screen with the route highlighted.



The route is traced by the vehicle symbol as you travel. You can preview the route from the starting position to the final destination by touching the arrow screen buttons inside the Route Preview pop-up menu.

Info (Information): Touch the Info screen button to view POI information such as the POI name, address, and phone number, if available.

Edit: Touch the Edit screen button to select a POI as the next destination you would like to preview.

To preview a POI's destination instead of the final destination, do the following:

1. Touch the Edit screen button.
2. Touch the Select POI screen button.
3. Touch the screen button of the desired POI category.
4. Touch the icon screen button of the desired POI, then touch the OK screen button.
5. Touch the Back screen button twice to get to the Edit Route Preview screen.
6. Touch the Next POI screen button, then touch the OK screen button.
7. Touch the Back screen button to return to the Route Preview screen.

   Now when you touch the arrow screen buttons to preview the route, it will trace the route to the next selected POI rather than the route to the final destination.

To return to previewing the route to the final destination, do the following:

1. Touch the Edit screen button.
2. Touch the Next screen button.
3. Touch the OK screen button, then the Back screen button to return to the Route Preview screen.

   Now when you touch the arrow screen buttons to preview the route, it will trace the route to the final destination rather than the route to the next POI.

Use the following arrow screen buttons from the Route Preview pop-up menu to trace a route:

(Preview to current location): Touch this screen button to preview the route traveling toward the vehicle's current location. Touch this screen button repeatedly to increase the speed at which the indicator will trace the route.

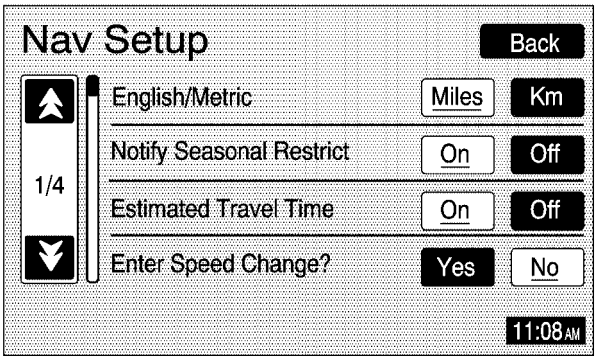
(Preview to final destination): Touch this screen button to view the route traveling toward the final destination. Touch this screen button repeatedly to increase the speed at which the indicator will trace the route.

(View current location): Touch this screen button to view the vehicle's current location along the current route.

(View final destination): Touch this screen button to view the final destination along the current route.

Navigation Setup

Selecting the Nav Setup screen button will display the Nav Setup menu.



From this menu, several options may be selected, adjusted, or turned on and off. Touch the up or down arrow screen buttons to the left of the menu options to scroll through the list. The following are the available options with a brief explanation of each:

English/Metric: This feature switches distance measurements between English or metric. Touch the Miles screen button for English measurements, or the Km (kilometers) screen button for metric measurements.

Notify Seasonal Restrict (Restrictions): This feature notifies the driver of seasonal maneuver restrictions. Touch the On screen button to have a voice prompt warn of existing seasonal restrictions played at guidance points. Touch the Off screen button to turn this feature off.

Estimated Travel Time: This feature displays the estimated time to travel from your current position to the destination. Touch the On screen button to have the estimated travel time displayed with the distance to destination, or the Off screen button to turn this feature off.

Enter Speed Change?: This feature allows you to adjust estimated speeds for Freeway, Main street, or Residential driving. These speed values are used to calculate estimated travel time. To change estimated speeds, touch the Yes screen button. The Change Speed menu will appear. Touch the arrow screen buttons under each road type to increase or decrease the speed. The maximum allowable speed to set is 100 mph (161 km). You may also touch the Default screen button to choose factory default speed settings as your choice. When your adjustments are complete, touch the Back screen button to return to the Nav Setup menu.

Auto Reroute: With this feature on, the navigation system will automatically recalculate a route if you drive off course. You may also choose to turn this feature off.

Voice Guide in All Mode: Touch the On screen button to hear navigation voice prompts while in Audio mode. You may also touch the Off screen button to turn off the voice prompts.

Current Street Name: Touch the On screen button to display the current street name that the vehicle is traveling on. You may also touch the Off screen button to turn this feature off.

Exit Information: This feature will display map icons which can be selected to display the next exit's information, including Point of Interest (POI) facilities such as gas stations, restaurants, and lodging. Touch the On screen button to display exit information icons, or touch the Off screen button to cancel the display of exit information icons.

Map Color (Day): This feature allows you to adjust the daytime map appearance. Choose between Normal, Auto, 1, 2, 3, or 4. The numbered settings vary the color scheme of the map display. The Auto setting will change the map appearance automatically every three months. When the desired color setting has been selected, press the NAV hard key to view the adjusted map color.

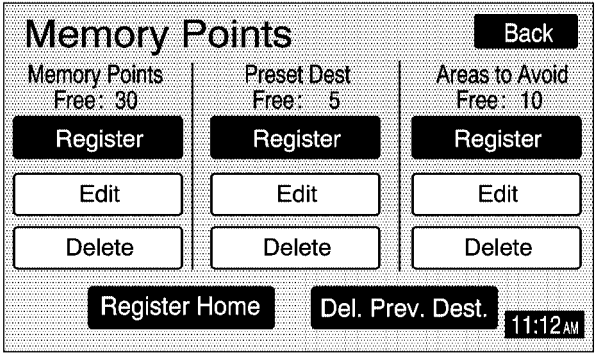
Map Color (Night): This feature allows you to adjust the nighttime map appearance. Choose between Normal, Auto, 1, 2, 3, or 4. The numbered settings vary the color scheme of the map display. The Auto setting will change the map appearance automatically every three months. When the desired color setting has been selected, press the NAV hard key to view the adjusted map color.

Calibrate System?: This feature will calibrate wheel speed to assist in the calculation of vehicle position. This feature also allows you to manually reposition the vehicle symbol on the map. You may need to calibrate the system following a tire change, rotation, or if your vehicle has been relocated a great distance. Touch the Yes screen button to calibrate the system, or the No screen button to leave the calibration as it is.

Select Defaults?: This feature allows you to restore all available factory default settings in the Nav Setup menu. Touch the Yes screen button to restore defaults, or the No screen button to retain the current settings.

Memory Points

Touching the Memory Points screen button will display the Memory Points menu. This menu contains options for registering, deleting, and editing marked points stored in memory, such as memory points, preset destinations, and areas to avoid.



Memory Points: Choosing to add a memory point will take you to the Destination menu. You may register up to 30 memory points. The name, location, information, and icon for a memory point may also be edited.

Preset Dest (Destination): Five preset destinations, as well as one for home, may be registered or edited. The five preset destinations, home, and Emergency are the only destination selections available from the Destination menu while the vehicle is moving. These presets are shown as the home symbol and numbered presets 1 through 5 at the bottom of the Destination menu. See *Destination on page 2-16* for more information on how to register Memory Points and preset destinations.

Areas to Avoid: Up to 10 areas to avoid may also be registered from the Memory Points menu. Areas to avoid include areas such as a high traffic area, construction area, or any main road or intersection you wish to avoid. When registering or editing an area to avoid, the size of the area may also be increased or decreased by touching the up or down arrow screen buttons on the scroll bar.

Register Home: Touch this screen button to get access the Register Home screen. Choose a method of destination entry and enter the destination you would like to store as home. Once your entry is complete, touch the Register Point screen button to store this point as home. Each time you touch the home symbol from the bottom of the Destination screen, this destination will be calculated.

Once you have stored a destination as home, the Register Home screen button will change to read Delete Home. You may then touch this screen button to delete the destination you have stored as home.

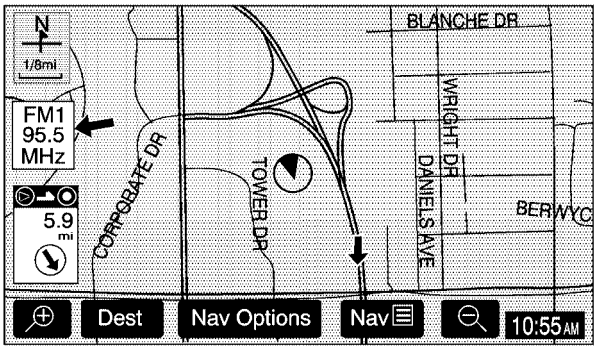
Del. Prev. Dest. (Delete Previous Destination): Touch this screen button to delete a previous destination. A list of previous destinations will be displayed on the Delete Previous Dest screen. Touch the screen button next to the previous destination you wish to delete. You will be asked to confirm your decision. Touch the Yes screen button to delete the destination or touch the No screen button to cancel the deletion.

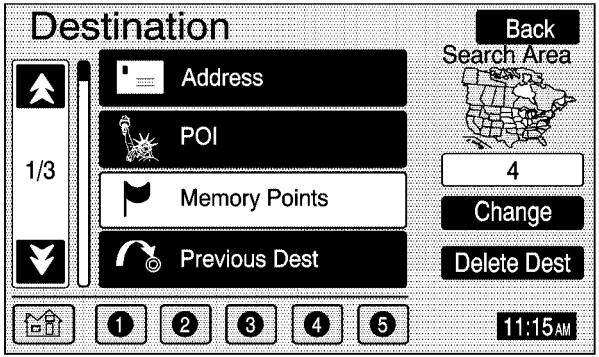
You may also touch the Del. All screen button from the Delete Previous Dest screen to delete all previous destinations listed. You will be asked to confirm this decision as well. Touch the Yes screen button to delete all previous destinations or touch the No screen button to cancel the deletion.

Destination

The Destination menu will give you several ways to plan a route by entering destination points.

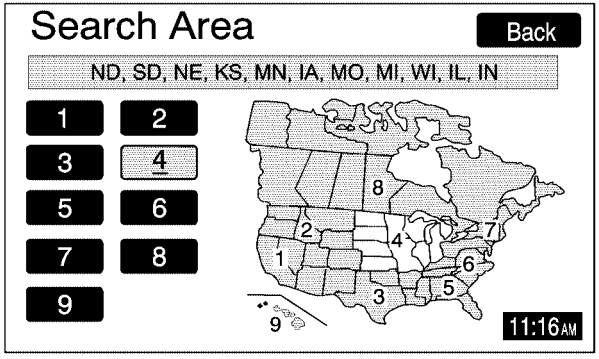
Touch Dest at the bottom of the map screen to display the Destination menu.





Search Area: The Destination menu allows you to select the area to be searched for your destination. A map of the United States, including Hawaii, and Canada will be shown. The map is divided into 9 regions.

Before selecting a destination, review the search area map on the right side of the menu to make sure your destination is located in the highlighted region.



Change: If you need to see a more detailed search area map with a list of states, or to change the search area, touch the Change screen button. The Search Area screen will appear. Touch the numbered screen button to the left of the map that corresponds with the numbered region you wish to choose.

Delete Dest (Destination): Touch the Delete Dest screen button from the Destination menu to delete the current destination.

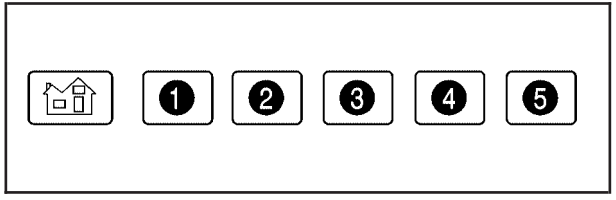
Once your destination entry is complete, regardless of which method of entry you used, a screen with the destination preview menu will be displayed. See “Destination Preview Menu” later in this section for more information.

Once you have entered the Destination menu, you can touch the up or down arrow screen buttons to the left of the menu options to scroll through the pages of the menu.

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

Preset Destinations

The preset destination entry method allows you to select destinations that were registered as presets 1 through 5.



These presets, along with the home symbol preset, are located at the bottom of each page of the Destination menu. Besides the home preset destination and Emergency destination entry method, these are the only presets available for selection while the vehicle is moving.

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 appropriate keypad will automatically be displayed whenever the system needs information from you. The alpha keypad will be displayed when the system needs you to input a street or city name. The numeric keypad will be displayed when the system needs you to input a phone number or house address.

Touch a character on the screen to select it. You may also touch the 0 - 9 screen button at any time from the alpha keypad to reach the numeric keypad.

(Space): Touch this screen button to enter a space between characters or the words of a name.

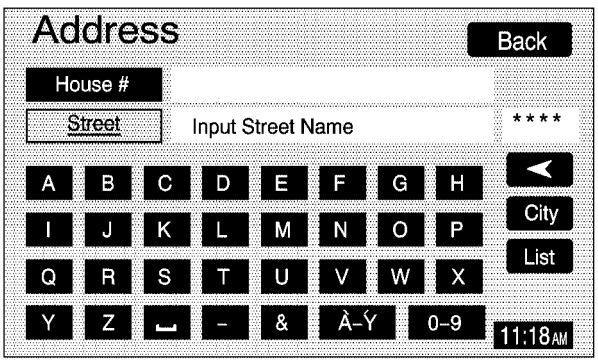
(Backspace): Touch this screen button if you have selected an incorrect character.

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 2-36* for more information.

Address

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



If you know the city where the address is located, touch the City screen button. The City screen allows you to select from the last five cities entered, the Nearest five cities to the current location, or you may enter in the name of the city. Touch the Input City Name screen button and enter in the city using the alpha keypad. Use the same city name that you would use when mailing a letter. A list of cities will automatically appear when the number of matches is small enough. If the list does not appear automatically, touch the List screen button at any time for a list of cities. Touch the screen button by the desired city name to select the city. If you do not know the city, proceed to entering the street name.

Enter the street name using the alpha keypad. See “Alpha-Numeric Keypad” listed previously in this section for more information. Do not include name extensions such as N. or Drive. For example, the street name N. Civic Center Drive should be entered as Civic ▬ Center. The system will search for an entry exactly as you have entered it. If you did not include a space between words where necessary, the system may not be able to find the desired location.

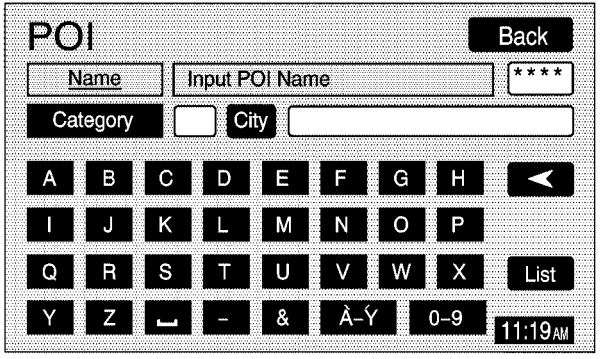
As information is entered, the system will automatically search for available names, and the List screen button will become available. Touch the List screen button to view name choices and select the desired street name, or touch the Back screen button to continue to spell the street name, further reducing the number of available items. The box at the end of the Street entry field will contain the number of items in the current generated list.

Once the street name has been selected, enter the house number using the numeric keypad. The system will list the house number range that is available for the street. When you have finished entering the house number, touch the OK screen button. If the address number exists on more than one street that shares the same name, a list of matching street names will be displayed. Touch the screen button by the desired street name.

If you have not already entered in the city name for the address, a list of cities that contain the address will be displayed. Touch the screen button by the desired city to select it.

Point of Interest (POI)

The Point of Interest (POI) destination entry method allows you to choose a destination from the POI list. Selecting the POI screen button from the Destination menu brings up the POI entry menu. The POIs in the database are cross referenced between Name, Category, and City.



You may search for a POI by using a combination of the following three methods:

- Type in a POI by name using the alpha-numeric keypad. As you type in a name, the system will search for an available match to your input. Select the desired POI.

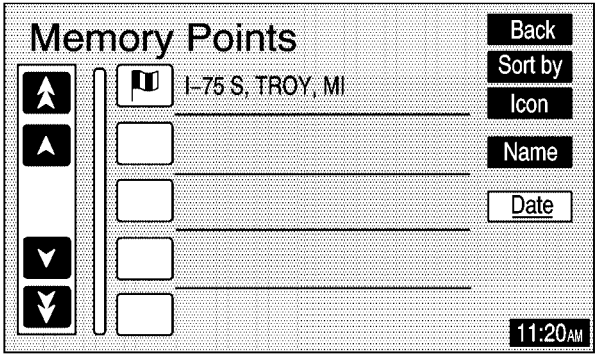
  While inputting a POI or city name, the List screen button will become available. The box at the end of the Name entry field will contain the number of items in the current generated list. Touch the List screen button to view the list of name choices, or continue to spell the name to further reduce the list of available items.
- Select a POI by choosing the Category option. Select a category from the list the system will supply. If the list of available POIs for the category selected is still too long, you may need to input the name or city for the POI.
- Touch the City screen button and type in the city you wish to select a POI from.

If an arrow appears to the right or left of the item name, the complete name is too long for the display. Touch the right or left arrow screen buttons to scroll to the end or beginning of the name.

The POI for Restaurant is broken down into several distinct categories. Select the Restaurant screen button from the POI choices. A list of cuisine types will then appear.

Memory Points

The Memory Points destination entry method allows you to select a destination by choosing from a list of marked points on the map that were previously marked.



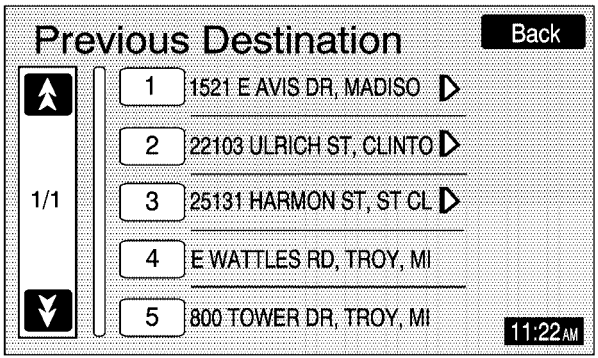
Memory points include up to 30 saved points, five preset destinations, and a home location. Selecting the Memory Points screen button from the Destination screen allows you to select any one of the marked points as the active destination. Marked points can also be sorted by icon, date saved, or alphabetically.

If you choose to register a memory point, you will be able to select an icon to correspond with that memory point. You will be given a screen with several icons to choose from. You can also choose to register that memory point by using a sound, which you select. To choose a sound, touch the With Sound screen button.

See “Memory Points” under *Navigation Menu on page 2-7* for more information.

Previous Destination

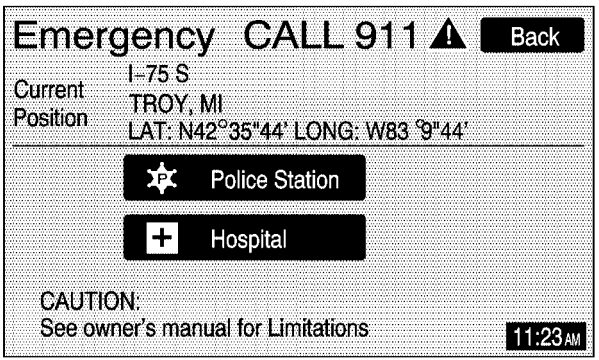
The Previous Destination entry method allows you to select a destination by choosing from a list of previously entered destinations.



Touch the number next to the desired previous destination to select it.

Emergency

The Emergency destination entry method allows you to select a destination by choosing from a list of emergency facilities. The list will vary by area.



Selecting Police Station or Hospital will display a list. The list can be changed to appear in alphabetical order, or in order by distance. Besides the home preset destination and preset destinations 1 through 5, Emergency is the only destination entry method available for selection while the vehicle is moving.

Map

The Map destination entry method displays the last location on the map, and the road preference.

Scroll across and touch the map at the location you would like to set as your destination. Once you have located the desired destination, touch the Enter Destination screen button and then the OK screen button. The route will then be calculated. You may begin driving to start route guidance or you may touch the Route screen button and then the Start screen button.

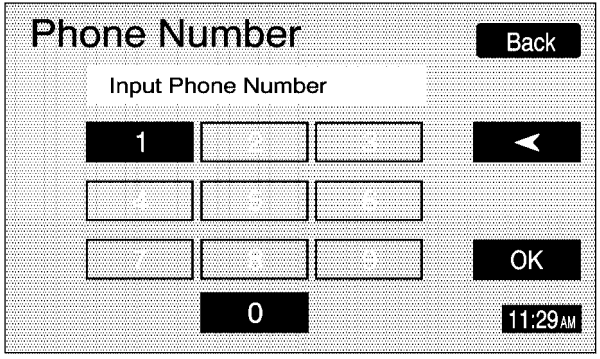
You may also zoom out to view the entire regional map. See “Touch-Sensitive Screen Buttons” under *Using the Navigation System on page 2-2* for more information. However, if you zoom out as much as possible and scroll around the map, some parts of the map will appear to be missing because they are not readable in larger scales.

Previous Start Point

The Previous start point destination entry method allows you to select the last start point as a destination.

Phone Number

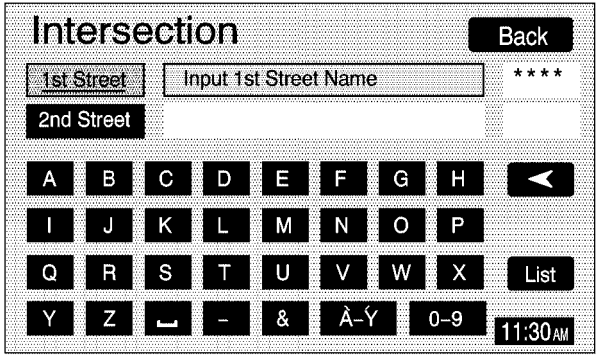
The Phone Number destination entry method allows you to search for a point of interest (POI) destination by entering the POI phone number.



Enter the POI phone number on the numeric keypad and touch the OK screen button. The destination location will then be displayed. Most phone numbers for POIs included in the DVD database can be entered to locate a destination. Cellular phone numbers and internal company phone numbers cannot be entered to locate a destination.

Intersection

The Intersection destination entry method allows you to select a destination by inputting the intersecting roads you wish to travel to.

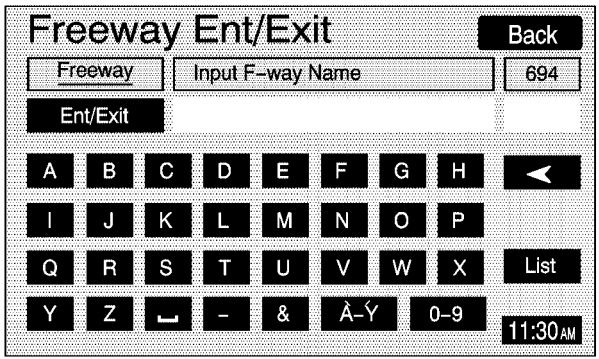


To enter a destination using this method, enter the name of the street, but do not include name extensions such as N. or Drive. For example, the street name N. Civic Center Drive should be entered as Civic ␣ Center. The system will search for an entry exactly as you have entered it. If you did not include a space between words where necessary, the system may not be able to find the desired location. This will bring up a list of streets with that name. Select the desired street name from the list.

Now begin entering the second street name, and choose the desired street name from the list. After both street names in the intersection have been selected, a list of cities containing the selected intersection will appear. If there are several cities that contain that specific intersection, you must specify a city. Select the desired city from the list. The route will then be calculated. You may begin driving to start route guidance or you may touch the Route screen button and then the Start screen button.

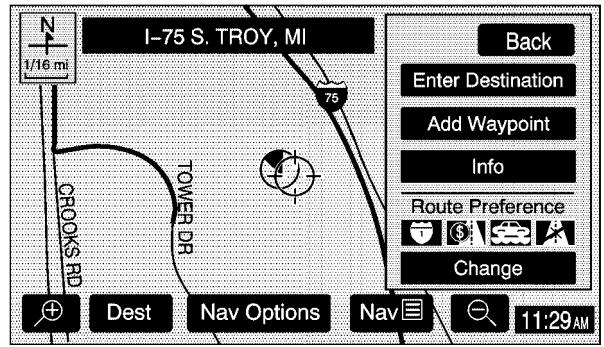
Freeway Entrance/Exit

The Freeway Entrance/Exit destination entry method allows you to select a destination by entering a freeway entrance or exit point.



Enter Freeway names using the alpha keypad. See “Alpha-Numeric Keypad” listed previously in this section for more information. After entering the freeway name, enter the name of the entrance or exit that you wish to set as the destination using the alpha keypad.

Destination Preview Menu



Each time a destination is entered, a screen with the destination preview menu will appear. This screen will display a zoomed in view of the destination, as well as the following options:

Enter Destination: Touch this screen button to enter the current destination as the only destination in the system. The route will be calculated and the Route Preview screen will be displayed.

Add Waypoint: Touch this screen button to add the current destination to your current trip. The Add Waypoint screen will be displayed. Touch the Add screen button that corresponds with where you would like to add the current destination.

Info (Information): When a POI icon is selected on the screen, you can touch this screen button to display the name, address, and telephone number, if available, for the selected POI. See “Navigation Options” later in this section for more information on POIs and their icons.

Route Preference: This option will display the Route Preference screen. To adjust your route preferences, touch Change. See “Edit Route” under *Navigation Menu on page 2-7* for more information.

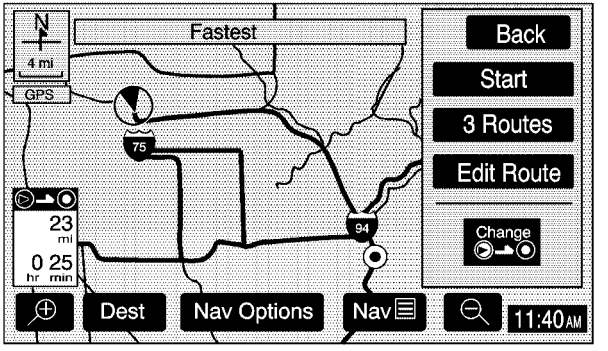
Once the desired adjustments from the destination preview menu are complete, the route overview menu can be displayed. See “Route Overview Menu” following in this section for more information.

Once you have entered your destination by touching the Enter Destination screen button, you can do one of the following:

- Press the NAV hard key to begin route guidance.
- Start driving to begin route guidance.
- Touch the Route screen button on the map screen displaying the new destination to make further changes. See “Route Overview” following in this section for more information.

Route Overview Menu

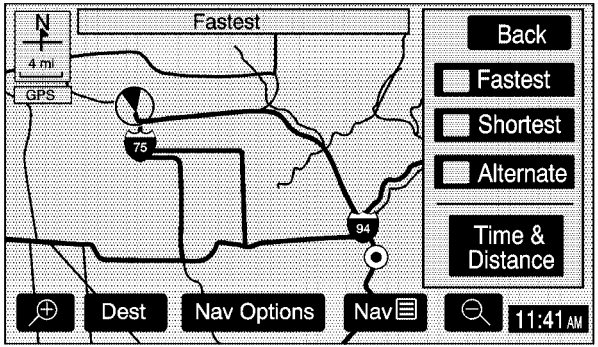
Each time a destination has been selected and entered, the route overview menu can be displayed by touching the Route screen button on the map screen.



The following three options will be displayed:

Start: This option will choose the current highlighted route, and begin route guidance.

3 Routes: This option will display the map with three highlighted routes shown in three different colors for Fastest, Shortest, and Alternative route.

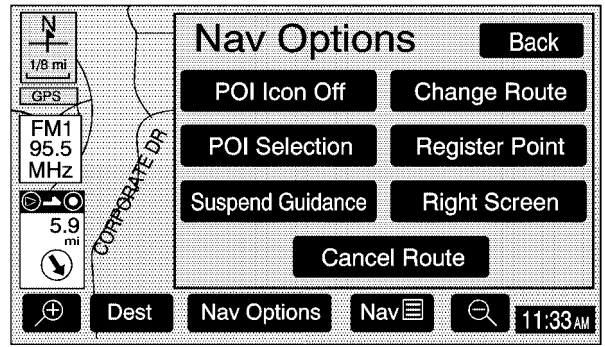


After selecting one of the three routes, the road distance and estimated travel time will be displayed. The Fastest route means you will be routed along main roads and highways, but does not necessarily mean it is the shortest route. You may also touch the Time & Distance screen button to view the road distance and estimated travel time for each of the three routes.

Edit Route: This option allows you to change your route preferences. See “Edit Route” under *Navigation Menu on page 2-7* for more information.

Press Back at any time to return to the previous screen.

Navigation Options

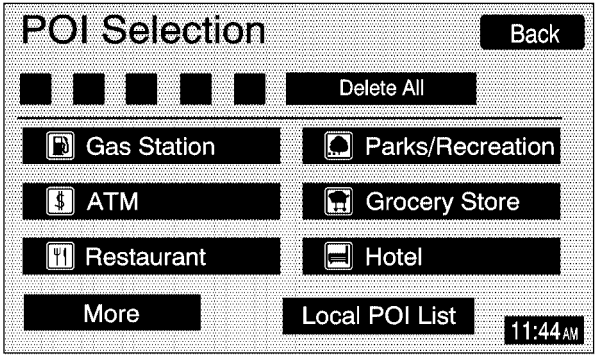


Nav Options Menu shown with a Set Destination

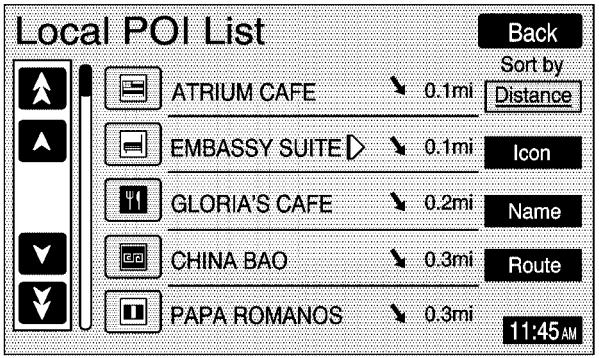
Once you select a destination and begin your route, you can touch the Nav Options screen button at the bottom of the map screen to view a menu with additional route options. Choose from the following route options:

POI Icon Off: This option allows you to turn off Point of Interest (POI) icons shown on the map.

POI Selection: This option allows you to choose which types of POIs will be displayed on the map.



Once you choose POI selection, the POI Selection screen will appear and display the different POI categories. You can select up to five different POI categories by touching the categories on the screen. Touch the More screen button to view further categories. The icons for the selected categories will appear at the top of the screen and will be displayed on the map.



To view a list of local POIs, touch the Local POI List screen button. The Local POI List screen will list the closest POIs from the categories you have selected. You can sort these POIs by distance, icon/category, or name. You can also touch the Route screen button to display POIs along your current route. Once you select the desired POI, a map of the area with a symbol marking the destination will be displayed.

Suspend Guidance: This option allows you to suspend active route guidance for all current and programmed destinations. See “Suspend Guidance” under *Navigation Menu on page 2-7* for more information.

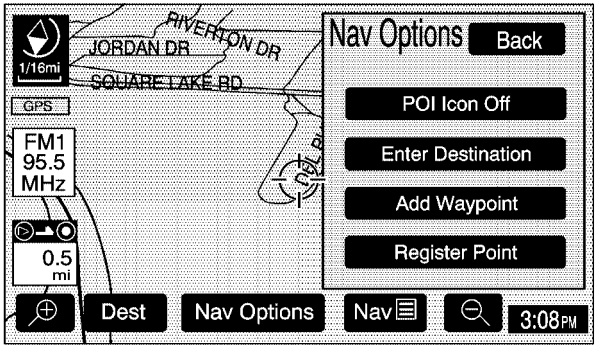
Cancel Route: This option allows you to cancel the current, or first destination. The second programmed destination will then be used if one is available.

Change Route: This option allows you to change the route search condition while the vehicle is moving. The following options may be available:

- Detour for 1 mile?: Touch the Yes screen button to recalculate your route and detour for one mile around the vehicle’s current position.
- Detour for 3 miles?: Touch the Yes screen button to recalculate your route and detour for three miles around the vehicle’s current position.
- Change to fastest?: Touch the Yes screen button to recalculate your route to the fastest route.
- Change to shortest?: Touch the Yes screen button to recalculate your route to the shortest route.
- Reroute from adjacent road?: Touch the Yes screen button to recalculate your route from another road on your route, near the vehicle’s current position.

Register Point: This option allows you to register a marked point or memory point. See “Memory Points” under *Navigation Menu on page 2-7* for more information.

Right Screen: If you currently have a split-screen, this option allows you to adjust options for the screen to the right.



If the position on the map is away from the current vehicle position and you touch the Nav Options screen button, you will only have the following four options:

POI Icon Off: This option allows you to turn off Point of Interest (POI) icons shown on the map.

Enter Destination: This option allows you to enter a location you have chosen on the map as your destination. See “Map” earlier in this section for more information on this destination entry method.

Register Point: This option allows you register a marked point or memory point. See “Memory Points” under *Navigation Menu on page 2-7* for more information.

Add Waypoint: This option allows you to add the map destination to your current destinations.

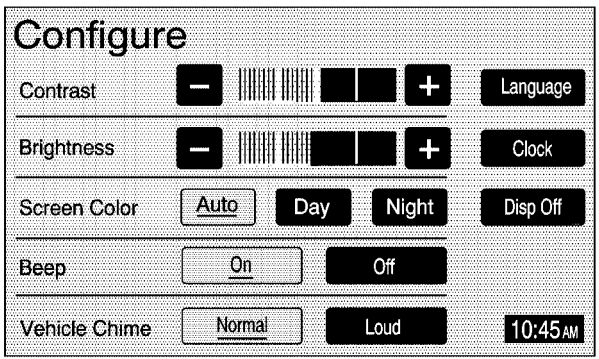
Colors on the Screen

When a route has been planned, it will be highlighted on the screen in blue.

Different colors are also used to distinguish between interstate freeways, state highways, county roads, major streets and secondary streets. Highways will be shown as a thicker line than a general street.

Configure Menu

The Configure menu allows you to set up and adjust such things as screen color, appearance, and language of the display for the navigation system. Press the CONFIG hard key located to the left of the navigation screen to access the Configure menu. See *Navigation System Overview on page 1-2* for more information.



Contrast/Brightness

To adjust the contrast or brightness of the navigation screen, touch the plus (+) or minus (–) sign screen buttons to raise or lower the contrast or brightness to the desired level. You will see the screen change as you adjust the contrast or brightness.

Screen Color

When the exterior lamps are on, the navigation screen will change to a lighter background and change colors for better viewing in the daytime. At night, the screen will go to a darker background. Touch the Auto screen button for automatic adjustment.

You can also touch the Day or Night screen buttons to select day or night mode regardless of the lighting conditions. The Day setting leaves the system in the day mode. The Night setting leaves the system in the night mode.

Beep

With this feature on, a beep will sound every time a key is pressed on the navigation system. Touch the Off screen button if you do not want to hear a beep whenever a key is pressed.

Vehicle Chime

This feature allows you to adjust the chime volume level in your vehicle. Touch the Normal screen button for normal chime volume or the Loud screen button for a louder chime volume.

Language

Your vehicle has been set for the English language, but you may also select French for all instructional text and voice prompts. However, names on the map when using the navigation functions will not change.

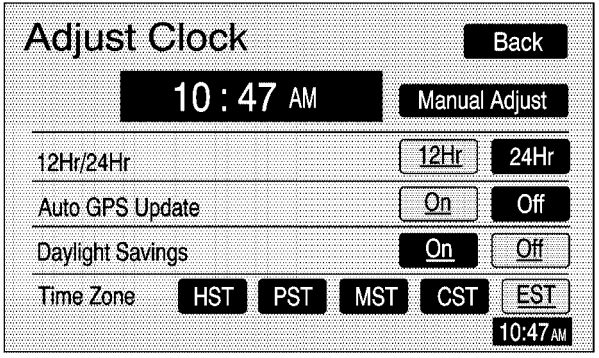
If you wish to change the language, the map DVD must be inserted. Then, do the following:

1. Touch the Language screen button. A caution will display.
2. Touch the desired language to select it.
3. Touch the NEXT screen button to change the display back to the map screen.

If the language is changed from English, the menu screens will not match word-for-word as they appear in this manual.

If you accidentally select a language you do not understand, press the CONFIG hard key, then select the desired language.

Clock



To adjust the time displayed at the lower right corner of the navigation screen, as well as other time options, touch the Clock screen button. This will take you to the Adjust Clock screen.

You may also touch the time display in the lower right corner of the navigation screen to briefly display the date.

To change the hours and minutes on the clock, do the following:

1. Touch the Manual Adjust screen button.
2. Touch the up or down arrow screen buttons to increase or decrease the hours and minutes.
3. Touch the Back screen button to return to the previous screen.

12Hr/24Hr: This feature allows you to choose whether the time is displayed in standard or military time. Touch the 12Hr screen button for standard time or the 24Hr screen button for military time.

Auto GPS Update: With this feature on, the navigation system time will be set to match the current GPS time. The time will be updated with the GPS time when the ignition is turned on. You may also touch the Off screen button to turn this feature off.

Daylight Savings: With this feature on, the navigation system will automatically adjust the time for Daylight Savings. You may also touch the Off screen button to turn this feature off.

Time Zone: This feature allows you to choose from five different time zones: HST (Hawaii), PST (Pacific), MST (Mountain), CST (Central), and EST (Eastern). Touch the desired time zone screen button to select it.

Display Off

To turn the navigation screen off, touch the Disp Off screen button on the Configure menu. To turn the screen back on, press any hard key to the left of the navigation screen.

Global Positioning System (GPS)

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

The Global Positioning System (GPS) locates the current position of your vehicle using signals sent by the United States Department of Defense GPS satellites. While your vehicle is receiving signals from these satellites, GPS will not appear on the map screen.

However, at times, other interferences such as the satellite condition, road configuration, the condition of the vehicle and/or other circumstances can interfere with the system's ability to determine the accurate position of the vehicle. This is when GPS will appear on the map screen.

The system may not be available or interferences may occur if any of the following are true:

- Signals are obstructed by tall buildings, large trucks or a tunnel.
- Metallic objects are located on the dashboard.
- Satellites are being repaired or improved.
- Aftermarket glass tinting has been applied to the vehicle's windshield.

Do not apply aftermarket glass tinting to the vehicle's windshield or place metallic objects on the vehicle's dashboard. Glass tinting and metallic objects will interfere with the system's ability to receive GPS signals and may cause the system to malfunction.

If you are experiencing a problem, see *Vehicle Positioning on page 2-35* and *Problems with Route Guidance on page 2-36* for more information.

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 traveling on slippery road surfaces such as sand, gravel, and/or snow.
- The vehicle is being driven on winding roads.
- The vehicle is being driven 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 being driven at high speeds.
- The vehicle is repeating a change of direction by going forward and backward, or turning on a turn table in a parking lot.
- The vehicle is entering and/or exiting a parking lot or garage with a roof.
- The vehicle has a roof carrier, ski, or bike rack installed on it.
- The vehicle has tire chains on it.
- The tires have been replaced.
- The tire pressure is incorrect.
- The tires are worn.
- The battery is disconnected.
- The vehicle is driven in heavy traffic where driving is at low speeds and the vehicle is stopped and started repeatedly.

Problems with Route Guidance

Inappropriate route guidance may occur under any of the following conditions:

- You have not turned onto the road indicated by the system.
- Route guidance is not available for the next turn.
- The route is not changed during automatic rerouting.
- Plural names of places are displayed.
- You are driving at high speeds, which may cause the automatic rerouting to operate more slowly.
- The route prohibits the entry of a vehicle due to a regulation by time or season or any other regulation which may be given.
- A route cannot be found.
- A road is new, was recently changed or is not listed on the DVD. The route to the destination may not be shown. See *Ordering Map DVDs on page 2-36*.

If the System Needs Service

If you are still experiencing difficulty with your navigation system after reading this information, see your dealer for assistance.

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 periodically, provided that the map information has changed. To order a new map DVD, contact your dealer.

Database Coverage Explanations

Coverage areas vary with respect to the level of map detail available for any given area. Some areas will feature greater levels of detail than others. If this happens, it does not mean there is a problem with the system. As the map DVD is updated, more detail may become available for areas which previously had limited detail. See *Ordering Map DVDs on page 2-36*.

Section 3 Navigation Audio System

Navigation Audio System 3-2
Rear Seat Entertainment System 3-14

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 Section 2 of 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 and navigation systems on and off. Turn the knob to increase or decrease the volume.

Finding a Station

BAND: Press this hard key to access the BAND screen and to switch between AM, FM1, FM2, XM1, and XM2, if equipped.

Tuning Knob: Use the tuning knob on the lower left corner of the navigation system to choose a radio station.

△ **SEEK** ▽**:** Press the SEEK up or the down arrow to go to the next or previous station and stay there.

To scan stations, press and hold the SEEK up or down arrow for two seconds until you hear a beep. The radio will go to a station, play for a few seconds, then go on to the next station. Press either SEEK arrow again to stop scanning.

To scan preset stations, press and hold the SEEK up or down arrow for more than four seconds. You will hear two beeps and PSCAN will be displayed, along with the highlighted preset. The radio will go to one of the preset stations, play for a few seconds, then go on to the next preset station. Press either SEEK arrow again to stop scanning presets.

The radio will only seek and scan stations with a strong signal that are in the selected band.

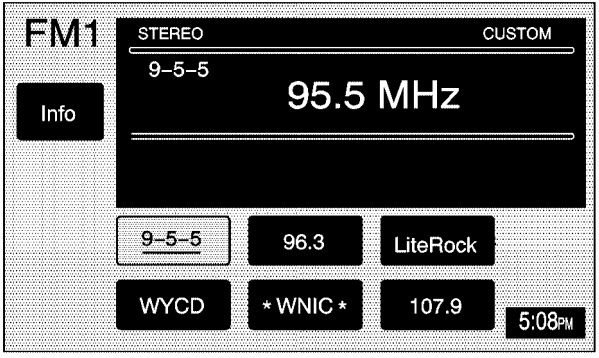
Setting Preset Stations

Up to 30 stations, six AM, six FM1, six FM2, six XM1, and six XM2, if equipped, can be programmed using the six screen buttons on the bottom of each band menu. To set preset stations, do the following:

1. Turn the audio system on.
2. Press the BAND hard key to select AM, FM1, FM2, XM1, or XM2, if equipped.
3. Locate the desired station using the SEEK hard key or the tuning knob.
4. Press and hold one of the six preset screen buttons until you hear a beep. Whenever you press that screen button while in that band menu, the station you set will return.
5. Repeat the steps for each preset and source.

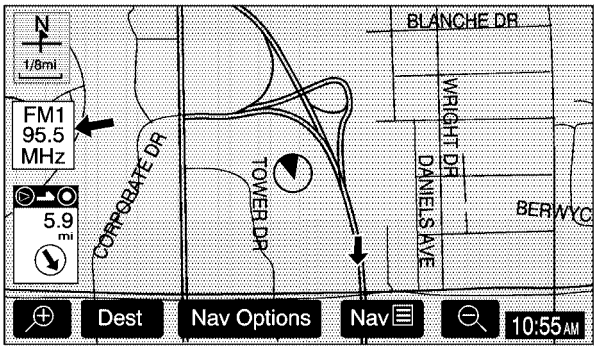
Band Menu

If the radio is on while the navigation system is not in use, this band menu will display the current audio information, as well as list the presets for the current band.



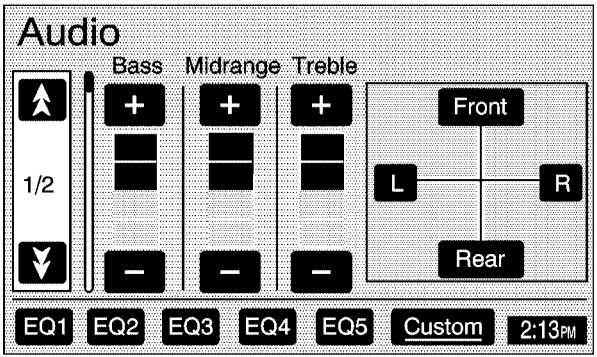
FM1 Source shown, Other Sources similar

If the radio is on while the navigation system is in use, a smaller band menu will appear, located on the left side of the map screen. This audio screen will display the current audio information, such as band and station. You can touch this smaller band menu screen button to bring up the full band menu.

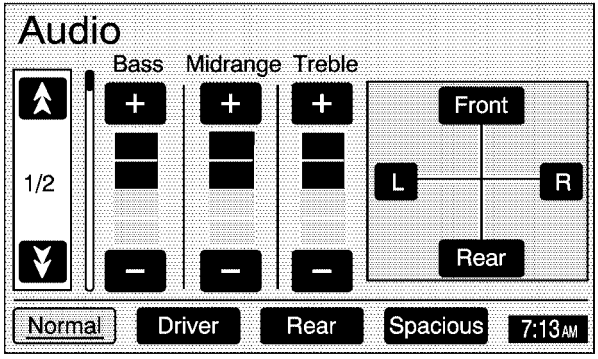


FM1 Source shown, Other Sources similar

♪ **(Audio):** Press this hard key to display the audio menu. Several options are available for adjustment from this menu.



Base Audio Menu



Uplevel Audio Menu

Tone: Touch the plus (+) and minus (–) sign screen buttons to increase or decrease the Bass, Midrange, or Treble. You may also adjust the balance by touching the L screen button for the left side or the R screen button for the right side of the vehicle, or adjust the fade by touching the Front screen button or the Rear screen button.

Speed Compensated Volume (SCV): If your vehicle is equipped with SCV, the audio system's volume can adjust automatically depending on the speed at which your vehicle is traveling. Use the down arrow screen button to get to the second page of the Audio menu. Touch the Low, Med, or High screen buttons to set the desired volume level. You may also touch the Off screen button to turn this feature off.

Automatic Volume Control (AVC): If your vehicle is equipped with AVC, the audio system's volume can adjust automatically to make up for road and wind noise as you drive. Use the down arrow screen button to get to the second page of the Audio menu. Touch the On screen button to turn this feature on. The volume level should always sound the same to you as you drive. You may also touch the Off screen button to turn this feature off.

EQ (Equalizer): While in the base Audio menu, use the screen buttons labeled EQ1 through EQ5 to choose preset bass, midrange, and treble equalization settings. The Custom screen button allows you to choose and set the equalization levels you desire. Adjust each setting to the desired level. To set the levels, touch the Custom screen button until you hear a beep.

After adjustments are made, press the BAND hard key to go back to the preset station menu. Now that you have preset the station and the EQ setting, you can assign the EQ to the preset station. To do this, touch the desired preset station screen button until you hear a beep. The EQ setting will now be assigned to that preset unless you decide to change it.

If you were at the CD screen before setting an EQ and you press the CD hard key, you will be returned to the CD screen, and the EQ will be set to that screen until you change it.

Digital Signal Processing (DSP)

If your vehicle is equipped with DSP, you have a choice of four different listening experiences. DSP can be used while listening to the audio system or the CD player. You can choose from the following DSP settings:

Normal: Touch this screen button to adjust the audio to deliver all occupants the best possible sound qualities.

Driver: Touch this screen button to adjust the audio to deliver the driver's seat occupant the best possible sound qualities.

Rear: Touch this screen button to adjust the audio to deliver the rear seat occupants the best possible sound qualities.

Spacious: Touch this screen button to make the listening space seem larger.

See "Rear Seat Audio (RSA)", "Theft-Deterrent Feature", "Audio Steering Wheel Controls", "Radio Reception", and antenna information in Section 3 of your vehicle's owner manual for more information.

Radio Data Systems (RDS)

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

- Display station name
- Display messages from radio stations
- Display song title and artist name

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

While the radio is tuned to an RDS station, the station name or call letters will appear on the display instead of the frequency.

Touch the Info screen button on the band menu to receive information the selected radio station is currently broadcasting.

XM™ Satellite Radio Service

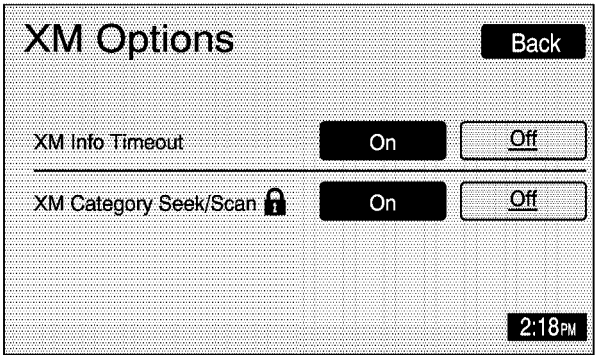
XM™ is a satellite radio service that is based in the 48 contiguous United States. XM™ offers 100 coast to coast channels including music, news, sports, talk, and children's programming. XM™ provides digital quality audio and text information, including song title and artist name. A service fee is required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

Press the BAND hard key repeatedly until you reach the XM™ selection. When XM™ is active, the channel name and number, song title and artist will be displayed on the screen.

Touch the XM Info screen button to display additional XM station information.

XM™ Options

Touch the XM Options screen button to access the XM Options menu.



This menu allows you to seek or scan for stations based on their category. Touch the On screen button next to XM Info Timeout to hide XM™ information after a certain amount of time has passed. You may also touch Off to turn this feature off.

While in this menu, you can choose to turn XM Category Seek/Scan on to scroll through the categories you want to seek to. This option will take you to the first available channel in that category.

XM™ Radio Messages

Radio Display Message	Condition	Action Required
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-XMXM (9696).
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.

XM™ Radio Messages (cont'd)

Radio Display Message	Condition	Action Required
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.

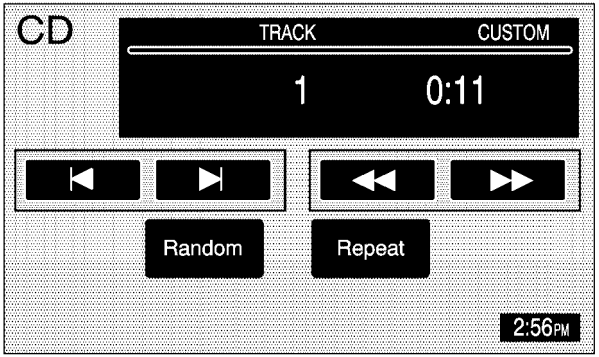
See "Radio Reception" and "XM™ Satellite Radio Antenna System" in Section 3 of your vehicle's owner manual for more information.

Playing a CD

Remove the navigation map DVD from the slot and return it to its case. Insert a CD partway into the slot, label side up. The player will pull it in.

There will be a 12 to 15 second delay while the CD is read, before it begins to play. When the player begins to read a CD, the Disc Check in Process message will appear briefly to remind you of the delay. When the map DVD is reinserted and read, the DVD Check in Process message will appear briefly to remind you of the delay.

While playing a CD in the CD player, the navigation system is not available. A message will display if the NAV key is pressed. If your vehicle is equipped with Rear Seat Entertainment (RSE), you can play an audio CD while using the navigation system. See *Rear Seat Entertainment System on page 3-14* for more information.



(CD): Press this hard key to play a CD when listening to the radio. The CD screen will be displayed.

(Eject): Press this hard key to eject a CD.

Random: Touch this screen button to play the tracks in random, rather than sequential, order. Touch it again to turn off random play.

Repeat: Touch this screen button to repeat the track that is currently being played. Touch it again to turn this feature off.

(Forward): Touch this screen button to advance quickly within a track. As the CD advances, elapsed time will be displayed to help you find the correct passage. Release this screen button to play the passage.

(Reverse): Touch this screen button to reverse quickly within a track. As the CD reverses, elapsed time will be displayed to help you find the correct passage. Release this screen button to play the passage.

(Track Forward): Touch this screen button to advance to the next track on the CD.

(Track Reverse): Touch this screen button to return to the previous track on the CD.

SEEK : Within two seconds, press and release the SEEK up arrow to advance to the next track, or the down arrow to return to the previous track.

Track Scan: Press and hold one of the SEEK arrows for two seconds or more to enter CD TRACK SCAN mode. A chime will sound to alert you that TRACK SCAN is active, and the first 10 seconds of each track on the disc will be played before advancing to the next track. Press one of the SEEK arrows again to stop the scan at the track currently being played.

BAND: Press the BAND hard key to switch to the radio when a CD is playing.

CD Messages

CD ERROR: If this message appears on the screen, the CD is not being read by the system. The CD could be dirty, scratched, wet, or upside down. You may also be driving on a very rough road. When the road becomes smoother, the CD should play.

NO MUSIC DISC: If this message appears on the screen, the map DVD is still inserted in the system. Press eject and return the map DVD to its case, then insert a CD. The CD should play.

NO DISC: If this message appears on the screen, the CD slot is empty. Insert a CD. The CD should play.

If a CD is not playing correctly for any other reason, try a known good CD. If any error occurs repeatedly or if an error cannot be corrected, contact your dealer. If your radio displays an error message, write it down and provide it to your dealer when reporting the problem.

See “Rear Seat Audio (RSA)”, “Care of Your CDs and DVDs”, and “Care of Your CD and DVD Player” in Section 3 of your vehicle’s owner manual for more information.

Playing a CD with the CD Changer

Your vehicle may be equipped with a CD changer. See “Radio with Six-Disc CD” in Section 3 of your vehicle’s owner manual for more information on how to operate the CD changer.

Random: Touch the Random screen button for less than two seconds to play the tracks on the current disc in random, rather than sequential, order. Touch it again to turn off random play. When Random is touched for more than two seconds, the player selects D. Random mode. The system will then select a track from all of the discs in the magazine and will play them in random order. To cancel it, touch the Random screen button again.

Repeat: Touch the Repeat screen button to repeat the track that is currently being played. Touch it again to turn this feature off.

(Forward): Touch and hold the forward arrow screen button to advance quickly within a track. As the CD advances, elapsed time will be displayed to help you find the correct passage.

(Reverse): Touch and hold the reverse arrow screen button to reverse quickly within a track. As the CD reverses, elapsed time will be displayed to help you find the correct passage.

Disc ▶: Touch this screen button to advance to the next disc in the changer.

◀ Disc: Touch this screen button to return to the previous disc in the changer.

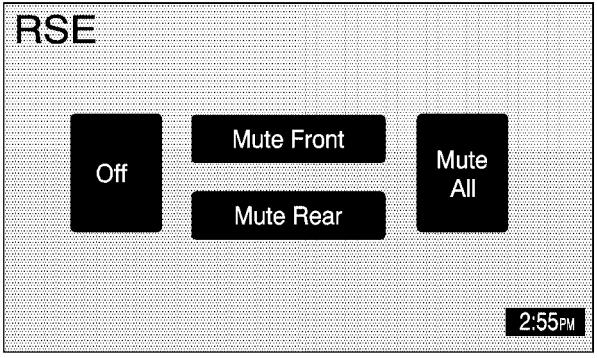
To switch between tracks on a disc, use the SEEK arrows. Press the up arrow to advance to the next track on the disc. Press the down arrow to return to the previous track on the disc.

Track Scan: To use this function, press and hold the SEEK key for at least two seconds, but less than four seconds, at which time a single chime will sound to alert you that the CD changer has entered TRACK SCAN mode for the current CD. While TRACK SCAN is active, the first 10 seconds of each track on the current disc will be played before advancing to the next. Press the SEEK key again to stop the scan at the track currently being played.

Disc Scan: To use this function, press and hold the SEEK key for at least four seconds, at which time a double chime will sound to alert you that the CD changer has entered DISC SCAN mode for the entire CD magazine. While DISC SCAN is active, the first 10 seconds of the first track on each disc will be played before advancing to the first track on the next disc. Press the SEEK key again to stop the scan at the track and disc currently being played.

BAND: Press this hard key to switch to the radio when a CD is playing.

Rear Seat Entertainment System



Your vehicle may have a DVD Rear Seat Entertainment (RSE) system. While playing a DVD or audio CD in the RSE, press the CD key to view the RSE screen and to switch to DVD as your main audio source. At this point, you will hear what is being played in the RSE system through all of the vehicle's speakers. From the RSE screen you can mute the Front or Rear speakers, mute RSE entirely, or turn off RSE.

RSE Messages

CD ERROR: If this message appears on the navigation screen, the DVD or CD is not being read by the system. The DVD or CD could be dirty, scratched, wet, or upside down. You may also be driving on a very rough road. When the road becomes smoother, the DVD or CD should play.

RSE ERROR: If this message appears on the navigation screen, the RSE system is not working properly. See "DVD Messages" under "Rear Seat Entertainment System" in the index of your vehicle's owner manual for more information.

NO DISC: If this message appears on the navigation screen, the DVD slot is empty. Insert a DVD or CD. The DVD or CD should play.

See "Rear Seat Entertainment System", "Rear Seat Audio (RSA)", "DVD Distortion", "Care of Your CDs and DVDs", "Care of Your CD and DVD Player", "Cleaning Your DVD Player", and "Cleaning the Video Screen" in the index of your vehicle's owner manual for more information.

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