

# 2005 Cadillac SRX 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.

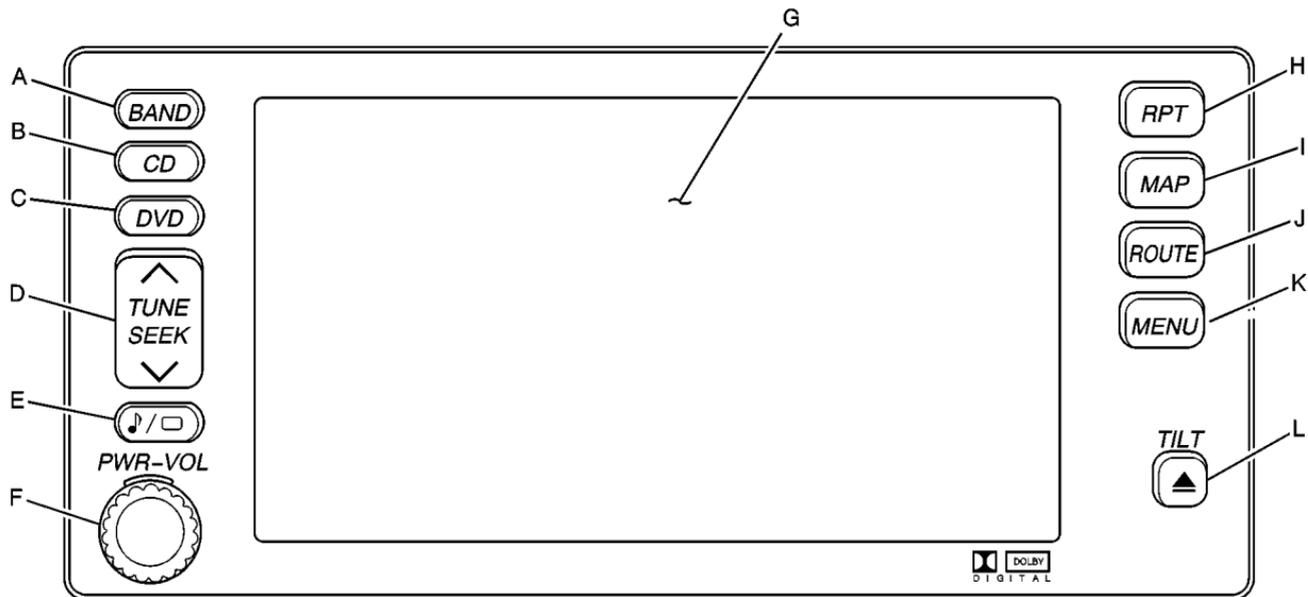
# Section 1 Overview

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# Overview

## Navigation System Overview



- A. BAND Key. See “Finding a Station” under *Navigation Audio System on page 3-2*.
- B. CD Key. See *Navigation Audio System on page 3-2* or *CD/DVD Player on page 3-21*.
- C. DVD Key. See “Playing a DVD” under *CD/DVD Player on page 3-21*.
- D. TUNE/SEEK Key. See “Playing the Radio” under *Navigation Audio System on page 3-2*.
- E. Audio/Adjust Key. See “Main Audio Menu” under *Navigation Audio System on page 3-2*.
- F. Power-Volume Knob. See “Hard Keys” under *Using the Navigation System on page 2-2*.
- G. Navigation System Screen
- H. RPT (Repeat) Key. See “Hard Keys” under *Using the Navigation System on page 2-2*.
- I. MAP Key. See “Hard Keys” under *Using the Navigation System on page 2-2*.
- J. ROUTE Key. See “Hard Keys” under *Using the Navigation System on page 2-2*.
- K. MENU Key. See “Hard Keys” under *Using the Navigation System on page 2-2*.
- L. TILT Key. See “Hard Keys” under *Using the Navigation System on page 2-2*.

## 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. See *Plan Route on page 2-10* for more information.
- 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.

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, language, clock, English/metric measurements, or other options, see “Main Audio Menu” under *Navigation Audio System on page 3-2*.
- To adjust voice guidance volume or other navigation settings, see *Setup Menu on page 2-4*.

## 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 keys located on each side of the navigation screen, as well as the available touch-sensitive screen buttons, to operate the system. See *Navigation System Overview on page 1-2* for more information on location.

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

### Hard Keys

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

**BAND:** Press the BAND key to access the band screen and switch between AM, FM1, FM2, XM1, XM2, and WX, if equipped. 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 *Six-Disc CD Changer on page 3-18* or *CD/DVD Player on page 3-21*.

**DVD:** Press the DVD key to play a DVD. The DVD screen will be displayed. See *CD/DVD Player on page 3-21*.

**∧ TUNE/SEEK ∨:** Press the TUNE/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*.

**🎵 / ◻:** Press the audio/adjust key to view the main audio menu. See “Main Audio Menu” under *Navigation Audio System on page 3-2*.

**PWR-VOL (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.

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

**RPT:** Press the repeat key to repeat the current voice guidance navigation prompt.

**MAP:** Press the MAP key to view the map screen showing current vehicle position.

The map screen can also display the following information:

- North or Heading Up symbol. See *Symbols on page 2-33*.
- Map scale. See *Maps on page 2-30*.
- Distance to destination.
- GPS symbol if GPS signal is not being received. See *Global Positioning System (GPS) on page 2-39*.
- Options you have selected for reaching your current destination.
- Driver Information.
- Radio band and presets.

**ROUTE:** Press the ROUTE key to display the PLAN ROUTE menu. See *Plan Route on page 2-10*.

**MENU:** Press the MENU key to display the SETUP MENU. See *Setup Menu on page 2-4*.

**TILT **: Press the TILT key to open the navigation system faceplate for loading or removing the map DVD, a video DVD, or an audio CD. This key can only be used while the vehicle is in PARK (P).

## 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 Char at the bottom of the alpha keypad to access the numeric keypad when inputting a house address, punctuation mark, or other character. Touch A - Z to return to the alpha keypad.

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

Select the space symbol 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.

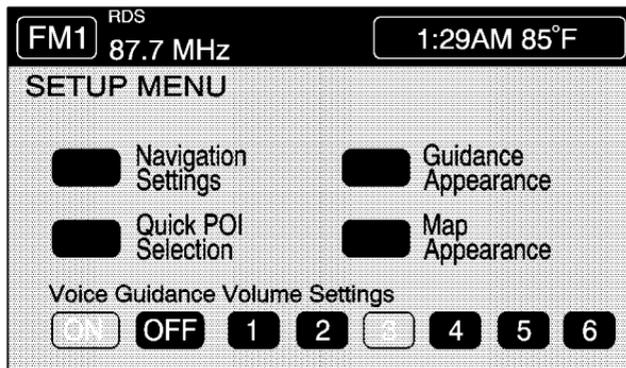
If you are unsuccessful when inputting a name, it may need to be selected differently. It is also possible that the map DVD database may not contain that information or the correct search area has not been selected. See *Database Coverage Explanations on page 2-41* for more information.

## Touch Sensitive Buttons

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

## Setup Menu

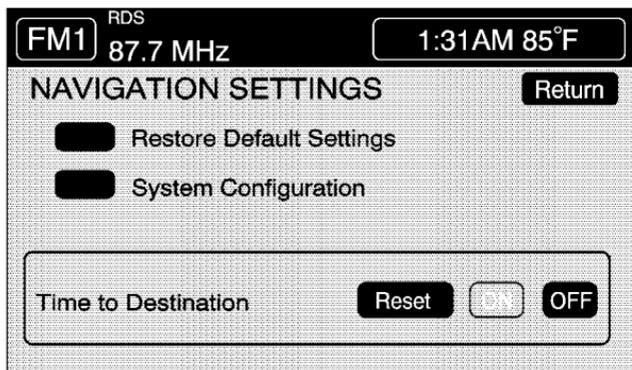
**MENU:** Press the MENU key located to the right of the navigation screen to access the SETUP MENU.



The SETUP MENU allows you to adjust such things as map appearance, navigation settings, and voice guidance volume.

## Navigation Settings

This menu allows you to change the following options for the navigation system.



### Restore Default Settings

This feature will automatically reset the system to the default values.

To restore the default settings, do the following:

1. Touch the Restore Default Settings screen button.
2. Touch Enter.
3. Touch Return to exit this menu.

## System Configuration

This feature allows you to reconfigure the navigation system. If you begin to drive your vehicle during this procedure, the system will not be able to adjust the position or direction of your vehicle.

Touch the System Configuration screen button to view the following choices:

**Adjust Vehicle Position:** To correct the position of your vehicle on the map or to change vehicle position, do the following:

1. Touch the Adjust Vehicle Position screen button. The system will display Position Adjustment. The vehicle location symbol and the scroll symbol will appear on the map.
2. Use the scroll symbol and the zoom in/zoom out feature to locate the vehicle position on the map.
3. Touch Enter to set the vehicle position. The system will display Position Adjustment and two arrows will appear on the map screen.
4. Touch the arrows to adjust the direction of the vehicle. As you touch the arrows, you will see the vehicle symbol direction changing.
5. When you have set the vehicle to the correct direction, touch Enter. Relocation Complete will be displayed.
6. Touch Return to exit this menu.

**Calibrate Vehicle Speed Signal:** If there are tire pressure differences or if a spare tire is installed, the navigation system will automatically recalibrate the system. You may also choose to calibrate it yourself by doing the following:

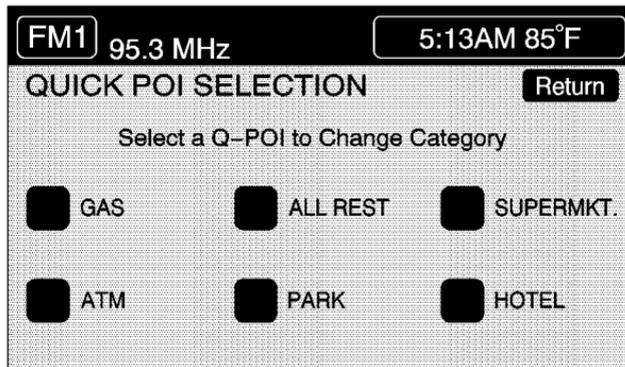
1. Touch Start to begin calibration.
2. Touch Return to exit this menu.

## Time to Destination

This feature allows you to view the estimated time to travel from your current position to the destination, and to reset the average speed to factory default settings. Estimated travel time is based on calculated route information and the vehicle's average speed. Touch ON to turn this feature on, OFF to turn this feature off, or Reset to restore vehicle speed default settings. With this feature on, the estimated travel time to destination will display along with the distance to destination.

## Quick POI (Point of Interest) Selection

This menu allows you to choose a point of interest (POI), such as gas stations, restaurants, hotels, etc. to be displayed on the map screen. You can also set a destination to a specific POI.



## Setting the Quick POI menu

To set the Quick POI list displayed on the map screen, do the following:

1. Select the category you would like to replace.
2. Select a Quick POI category from the Quick POI selection menu list. The system will return to the Quick POI selection screen when a POI is selected.
3. Touch Return to save the setting and return to previous menu.

## Displaying Quick POI Icons

To display POI icons of a category on the map screen, do the following:

1. Touch the map screen once.
2. Touch the POI button. The Quick POI Selection list will be displayed.
3. Select a category type or touch List Categories Or All Local POIs to display the icons of the selected category on the map screen.

## Removing Quick POI Icons

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

1. Touch the map screen once.
2. Touch the POI OFF screen button. The current POI icons will be removed from the map screen.

## Setting a Destination Using Quick POI

This feature will allow you to choose a POI as your destination. To set a destination using a POI, do the following:

1. Touch the POI icon on the map screen that you wish to set as a destination.

The selected icon will be surrounded by a blinking box, and the name of the icon will be displayed. You may also touch INFO to view the POI name, address, city, and phone number, if available.

2. Touch the ENT DEST screen button.

If a final destination has already been entered, you can add the POI as a waypoint. See *Edit Waypoint on page 2-14* for more information.

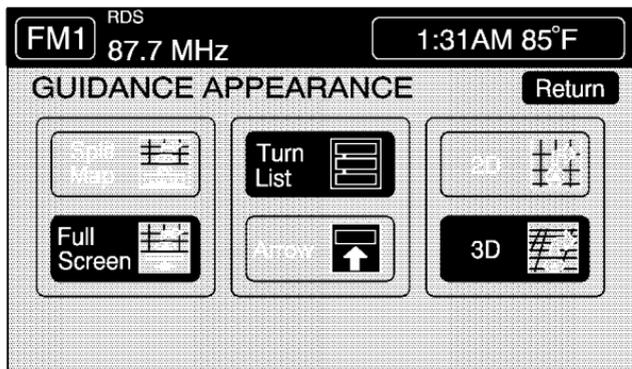
3. Touch Enter to start planning your route.
4. To start route guidance, touch Start or begin driving the vehicle. Route guidance will automatically begin after a short distance.

If you wish to cancel the route you have just set, do the following:

1. Press the ROUTE hard key.
2. Touch the Route Preference screen button.
3. Touch the Cancel Route screen button.
4. Select YES to cancel or NO to continue.

## Guidance Appearance

This menu allows you to set the guidance appearance screen options. This screen is displayed on the map while on a planned route. The current settings will appear as light blue.



**Split Map:** Select this feature to display the guidance screen on the map at all times.

**Full Screen:** Select this feature to display the guidance screen on the map when approaching a maneuver.

**Turn List:** Select this feature to have the guidance screen display several upcoming turns. Directional arrows, street name, and distance to the next turn will be displayed. As you approach the next turn, the system will display a closer view of the upcoming maneuver.

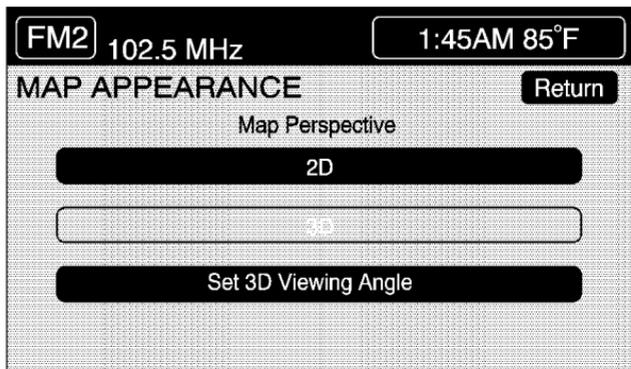
**Arrow:** Select this feature to have the guidance screen display the next turn. A directional arrow, street name, and distance to the turn will be displayed. As you approach the turn, the system will display a closer view of the upcoming maneuver.

**2D:** Select this feature to display the guidance screen as a two-dimensional view.

**3D:** Select this feature to display the guidance screen as a three-dimensional view.

## Map Appearance

This menu allows you to set the map appearance screen options. The current setting will appear as light blue.



**2D:** Select this feature to display the map as a two-dimensional view.

**3D:** Select this feature to display the map as a three-dimensional view.

**Set 3D Viewing Angle:** This feature allows you to adjust the 3D viewing angle. To do so, do the following:

1. Touch 3D on the MAP APPEARANCE menu.
2. Touch Set 3D Viewing Angle.  
The map screen with the 3D viewing angle bar will be displayed.
3. Touch the up or down arrows to set the viewing angle.
4. Touch Return to save your settings and to exit this menu or touch Reset to restore the viewing angle to the default setting.

## Voice Guidance Volume Settings

This feature allows you to set the voice prompt volume level or to turn voice prompts on or off.

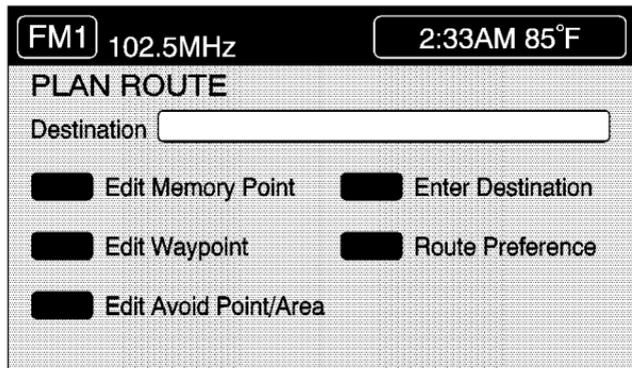
Set the voice prompt volume level by touching the numbered buttons to increase or decrease the volume level. You may also choose to turn the voice prompts off. Then touch Return to save your setting and to return to the SETUP MENU.

If a voice prompt is active while the audio system is on, the audio system volume will decrease and the voice prompt will be heard through the driver's side front speaker.

Voice prompts will not be heard while using voice recognition.

## Plan Route

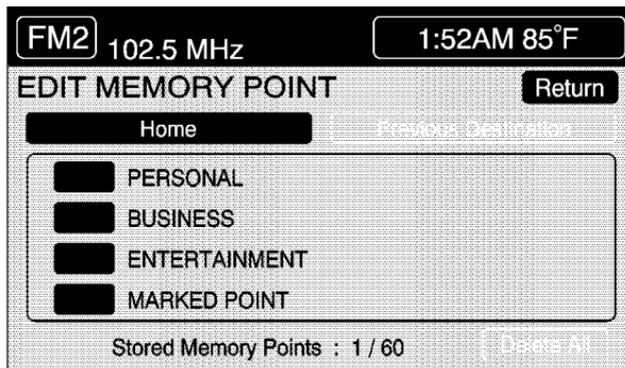
To plan a route, press the ROUTE key. The PLAN ROUTE menu will be displayed.



You may use one of several destination entry methods to plan a route. See *Enter Destination on page 2-19* for more information.

## Edit Memory Point

This feature allows you to store, delete, and edit memory points. Touch the Edit Memory Point screen button from the PLAN ROUTE menu to access the EDIT MEMORY POINT screen.



You can store memory points in four different categories, personal, business, entertainment, and marked point.

Memory points are stored when you select either START or MARK when setting a destination on the map or when you are storing destinations in memory.

A total of 60 locations can be stored. The last 10 destinations entered will be stored under Previous Destination. In addition, one memory point can be stored under the Home category.

If all 60 stored points are entered, the system will notify you that there is no available storage left in memory points. A memory point must be removed before storing additional memory points.

## Registering Memory Points

To store a memory point, do the following:

1. Select a category from the EDIT MEMORY POINT menu.
2. Touch REGISTER.
3. Select a method for entering a destination. A map will appear displaying the memory point's location.
4. If available, touch INFO to view the address information for the memory point.
5. Touch Enter to store the point.

## Editing Memory Points

This feature allows you to edit the contents stored in memory. The following options are available:

### Icon Editing of a Memory Point

Each memory point is displayed with a default icon. To edit an icon, do the following:

1. Select the category of the memory point.
2. Select the item you want to edit.
3. Touch the icon. The EDIT MEMORY POINT icon screen will appear.
4. Touch the icon you would like to use. The system will then return to the EDIT MEMORY POINT menu.
5. Touch Return to go back to the previous screen.

You will see the new memory point icon on the map.

When selecting an icon, you can choose from 18 different icons, three of which are sound icons. The same icon may be used for other memory points as well.

## Name Editing of a Memory Point

To modify the name of a stored memory point, do the following:

1. Select the category of the memory point.
2. Select the item you want to edit.
3. Touch the NAME screen button and use the alpha keypad to edit the name. Names may contain up to 15 alpha and/or numeric characters.
4. Touch Return to go to the previous screen.

## Moving Memory Points

To move a memory point from one category to another, do the following:

1. Select the category of the memory point.
2. Select the memory point you want to edit.
3. Touch CATEGORY. A list of categories will appear. The current category for the item will be highlighted and cannot be selected.
4. Touch the screen button for the category you want the memory point placed in. A pop-up window will appear displaying the change in category.
5. Touch Return to go back to the previous screen.

## Adjusting a Memory Point

To relocate a memory point's location, do the following:

1. Select the category of the memory point.
2. Select the memory point you want to edit.
3. Touch POSITION. A map screen with the position of this memory point will appear.
4. Touch anywhere on the screen to activate the scroll feature and relocate the memory point. See *Maps on page 2-30*.
5. Touch Enter to save the memory point's new location.
6. Touch Return to go back to the previous screen.

## Changing the Phone Number of a Memory Point

To edit or add the phone number of a memory point, do the following:

1. Select the category of the memory point.
2. Select the memory point you want to edit.
3. Touch PHONE and use the numeric keypad to edit or add the number.
4. Touch the RETURN button to take you back to the previous screen when you have finished.

## Deleting Single Memory Points

To delete a single memory point, do the following:

1. Press the ROUTE key.
2. Touch EDIT MEMORY POINT.
3. Select the category of the memory point.
4. Touch DELETE.
5. Select the memory point you want to delete.  
A confirmation window will appear.
6. Touch YES to delete the memory point or NO to return to the previous menu.
7. Touch Return to go back to the previous screen.

## Deleting All Memory Points

To delete all of the memory points in a category, do the following:

1. Press the ROUTE key.
2. Touch EDIT MEMORY POINT.
3. Select the desired category.
4. Touch the DELETE ALL screen button.  
A confirmation window will appear.
5. Touch YES to delete the memory points or NO to return to the previous menu.
6. Touch Return to go back to the previous screen.

## Edit Category

To edit the name of a category, do the following:

1. Press the ROUTE key.
2. Touch EDIT MEMORY POINT.
3. Select the category you want to edit.
4. Touch the EDIT CATEGORY screen button and use the alpha keypad to edit the category name.  
The name can consist of up to 15 alpha and/or numeric characters.
5. Touch Return to go back to the previous screen.

## Marked Point

A marked point is a memory point which has been stored by selecting the MARK screen button while traveling on a planned route. You can also use the scroll feature to plan a destination on the map after reaching the destination, or by moving a memory point to a marked point category. See “Editing Memory Points” earlier in this section for more information.

## Previous Destination Memory

Each time you select Start from the map screen, that destination will be stored as a memory point under PREVIOUS DESTINATION. This category will store up to 10 destinations.

When the Previous Destination category contains more than 10 destinations, the system will remove the oldest destination stored and add the most recent one selected to the list.

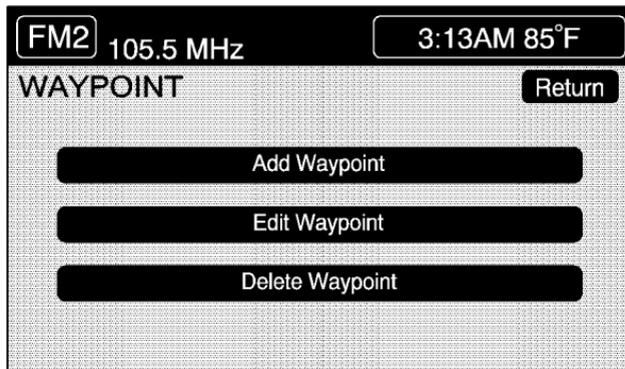
If you do not want a previous destination to be lost, you must move the destination into a memory point category. See “Moving Memory Points” earlier in this section for more information.

## Home Memory

This memory point is stored by selecting Home from the EDIT MEMORY POINT screen. See “Registering Memory Points” earlier in this section and “Home” under *Enter Destination on page 2-19* for more information.

## Edit Waypoint

Waypoints are destinations you can set along the way to your final destination. This feature allows you to add, edit, and delete waypoints.



You may set up to five waypoints on the way to your final destination.

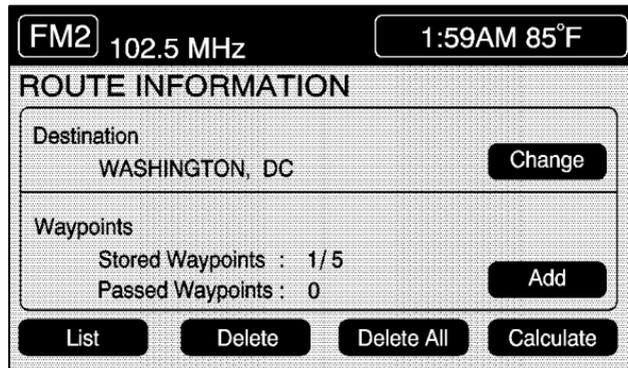
To access the WAYPOINT menu, do the following:

1. Press the ROUTE key.
2. Touch Edit Waypoint.

## Adding a Waypoint

To add a waypoint to your route, do the following:

1. Touch Add Waypoint.
2. Enter a destination. See *Enter Destination on page 2-19*.  
A map will appear showing the location of the waypoint.
3. Touch Enter to add your waypoint.
4. Touch the ADD screen button to insert the waypoint in the desired order.
5. The system will display the ROUTE INFORMATION screen. From this screen, several options are available.



**List:** Touch List to view the waypoint on the map or to change the order of the waypoints and final destination. To change the order, touch CHG ORDER, then touch the blank screen button next to the destination to select the order of the waypoints and final destination. Press the MAP key to view the destination and waypoints on the map screen.

**Delete:** Touch Delete to delete a waypoint or the final destination. A confirmation window will appear. Touch YES to delete the point or NO to return to the previous screen.

**Delete All:** Touch Delete All to delete all of the waypoints and the final destination. A confirmation window will appear. Touch YES to delete all waypoints or NO to return to the previous screen.

**Change:** Touch Change to change the final destination. Enter a destination. See *Enter Destination on page 2-19*.

**Add:** Touch Add to add additional waypoints. Refer to the steps for adding a waypoint listed previously in this section.

**Calculate:** Touch Calculate to begin route calculation. This feature will only be available if the final destination has been set.

## Editing a Waypoint

This feature allows you to edit waypoints that have already been set. To edit a waypoint, do the following:

1. Touch Edit Waypoint.
2. Touch the MAP key to view the destination location on the map screen.
3. Touch CHANGE ORDER to change the order of the waypoints and the final destination.

You can also use the map scroll to change a waypoint from one location to another.

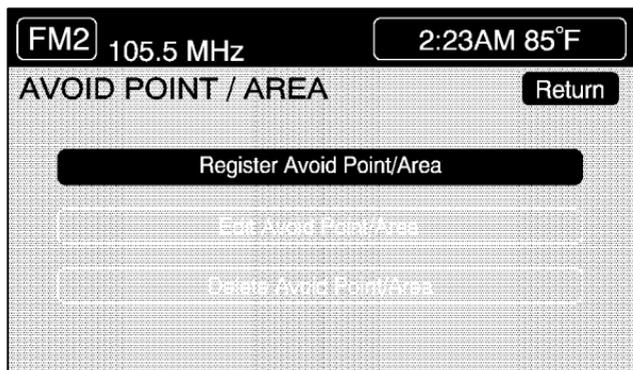
## Deleting a Waypoint

To delete a waypoint from your route, do the following:

1. Touch Delete Waypoint.
2. Select the waypoint you want to delete. A confirmation window will appear.
3. Touch YES to delete the waypoint or NO to return to the previous menu.

## Edit Avoid Point/Area

From this menu you can register, edit, and delete an area to be avoided while planning a route. These areas can also be saved so the system can automatically avoid them when planning a route.



To access the AVOID POINT/AREA menu, do the following:

1. Press the ROUTE key.
2. Touch Edit Avoid Point/Area.

## Registering an Avoid Point/Area

To store an avoid point/area, do the following:

1. Touch Register Avoid Point/Area.
2. Enter a location. See *Enter Destination on page 2-19*.
3. If desired, reduce or enlarge the area around the point you want to avoid by using the REDUCE or ENLARGE screen buttons.

If an avoid point cannot be avoided, the system will display "Avoid Point and Area Stored. Route May Not Avoid the Avoid Point and Areas."

4. Touch Enter to set the area as an avoid point area. When using the REDUCE or ENLARGE buttons, a box will appear to represent the area or an X will appear to represent the area avoided. When an avoid point is set, the square will appear as green.
5. Touch Return to go back to the previous screen.

## Editing an Avoid Point/Area

To edit an avoid point/area, do the following:

1. Touch Edit Avoid Point/Area. A list of avoided points will appear.
2. Select the avoided point/area you want to change. A map of the avoided area will appear.
3. Use REDUCE or ENLARGE to edit the avoided point.
4. Touch Enter to set your new avoided area. The system will display "Area Adjusted."
5. Touch Return to go back to the previous screen.

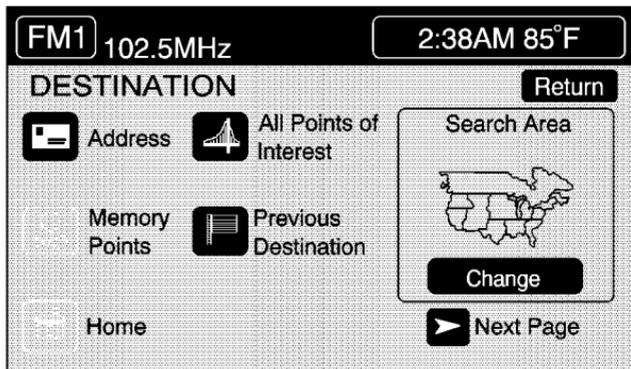
## Deleting an Avoid Point/Area

To delete an avoid point/area, do the following:

1. Touch Delete Avoid Point/Area. A list of avoided points will appear.
2. Select the avoided point/area you want to delete.
3. The system will ask you to confirm your selection. Touch Yes to delete the avoid point/area or No to cancel.  
If Yes is selected, the area will no longer be avoided when traveling on a planned route.
4. Touch Return to go back to the previous screen.

## Enter Destination

The DESTINATION menu will give you several ways to plan a route. Touch the Enter Destination screen button from the PLAN ROUTE menu to display the DESTINATION menu.



For destination entry methods listed on the second page of the DESTINATION menu, touch the Next Page arrow. Touch the Prev. Page arrow to return to the first page.

To enter a destination, choose from one of the destination entry methods following in this section.

After entering a destination, if available, the system will display up to three routes in a pop-up window indicating the total mileage and time to destination for each route. Select a route by touching NEXT. The map will display each route in a different color. The selected route will be highlighted in red.

To start route guidance, touch Start or begin driving your vehicle. Route guidance will automatically begin after a short distance.

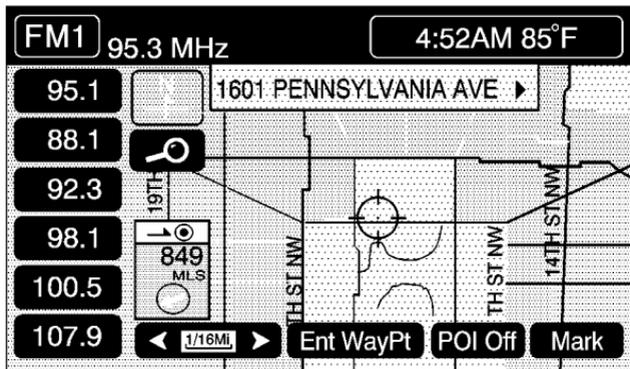
If you touch CHG ROUTE before touching Start, you will be able to change route preferences. See *Route Preference on page 2-28* for more information.

When a route has been planned, it will be highlighted and a bulls-eye symbol will appear on the map to show your final destination.

If you wish to cancel a route that has been set, see "Cancel Route" under *Route Preference on page 2-28*.

## Easy Planning Route

With this destination entry method, you can select a destination using the scroll symbol on the map screen. See *Maps on page 2-30*.



To use this destination entry method, do the following:

1. Press the MAP key.
2. Touch the map screen twice for the scroll symbol to appear. Touch the map or drag the scroll symbol toward your destination.
3. Touch the map screen continuously to scroll through the map faster. The address of the location on the map will appear at the top of the screen. If needed, use the zoom feature to locate your destination. See "Map Scales" under *Maps on page 2-30* for more information.
4. Touch ENT DEST to set this location as your destination. You may also touch MARK to store this location as a memory point.
5. Touch Enter to plan your route.

## Address

This destination entry method allows you to input an address by providing the system with a house number, street name, and city. Select Street to begin entering the desired address.



To use this destination entry method, do the following:

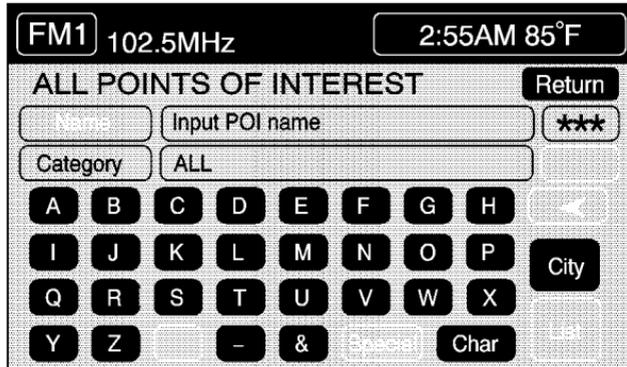
1. Enter the street name using the alpha keypad. See "Alpha-Numeric Keypad" under *Using the Navigation System on page 2-2* for more information.

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. As information is entered, the system will automatically search for available names, and List will become available.

2. Touch List to view name choices or continue to spell the street name to further reduce the number of available items.
3. 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.
4. When you have finished entering the house number, touch Enter. If the house number and street address you entered exists in more than one city on the DVD database, a list of cities will appear. You can select a city from the list, or enter the city name by selecting City. As you begin to enter the city name, you can select the desired city from the list which will appear, or continue to spell the city name to further reduce the number of available items.
5. Touch Enter to plan your route.

## All Points of Interest

This destination entry method allows you to choose a destination from the point of interest (POI) list. Selecting All Points Of Interest from the DESTINATION menu will bring up the alpha keypad. While inputting a POI or city name, the List option will become available. As information is entered, the system will search for available POI and city names based on the information given. The system will supply a list of names to make a selection from when the choices are five or less.



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

- Touch NAME to type in a POI by name using the alpha key pad. As you type in a name, the system will search for an available match to your input. Select the desired POI.
- Select a POI by touching CATEGORY. Use the arrows to scroll through the categories listed. Select a category along with any appropriate sub-categories. If the list of available POIs for the selected category is too long, you may need to enter the POI's name or city.
- Select CITY, then type in the city you wish to select a POI from. Choose a city from the list of cities that will appear. If the list of POIs for the selected city is too long, enter the POI's name or choose a category.

While inputting a POI or city name, the List option will become available. Touch List to view the list of name choices, or continue to spell the name to further reduce the list of available items.

The system will list all POIs available. You can sort by name using NAME SORT or touch DIST SORT to list POIs by distance from your current location.

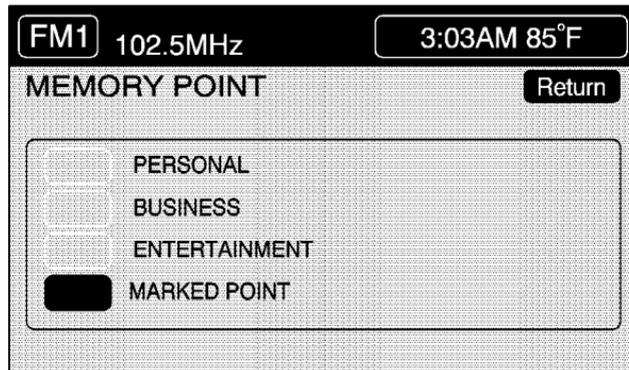


Select a location from the list. The system will show the selected POI on the map. If available, a pop-up window will be displayed. Touch INFO to view the POI's name, address, city, and phone number, if available.

Touch Enter to plan your route.

## Memory Points

This destination entry method allows you to set a memory point as your destination. Each time you store a destination from the map screen, the destination is stored under MARKED POINT. See *Edit Memory Point on page 2-10* for more information.



You must have destinations stored as memory points to select from PERSONAL, BUSINESS, ENTERTAINMENT, or MARKED POINT. If you have renamed the memory point category name(s), the name(s) will appear as you changed them.

To select a destination using this entry method, do the following:

1. Touch the Memory Points symbol.
2. Select a category.
3. Select a destination. Use the arrows to scroll through the memory points. They can be sorted by date, name, distance, and icon.
4. Touch Enter to plan your route.

## Previous Destination

This destination entry method allows you to select a destination by choosing from a list of the last 10 destinations entered into the system.



To select a previous destination, do the following:

1. Touch the Previous Destination symbol.
2. Touch the screen button next to the desired destination to select it.

Use the arrows if necessary to view the entire list of previous destinations.

3. Touch Enter to plan your route.

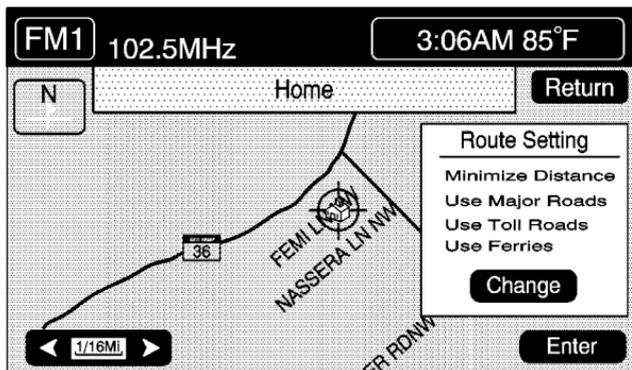
## Previous Starting Point

This destination entry method allows you to select the last start point as your destination. To select the previous start point as your destination, do the following:

1. Touch Previous Destination.
2. Touch the Previous starting point screen button.
3. Touch Enter to plan your route.

## Home

This destination entry method allows you to select a destination that has been previously stored as Home.

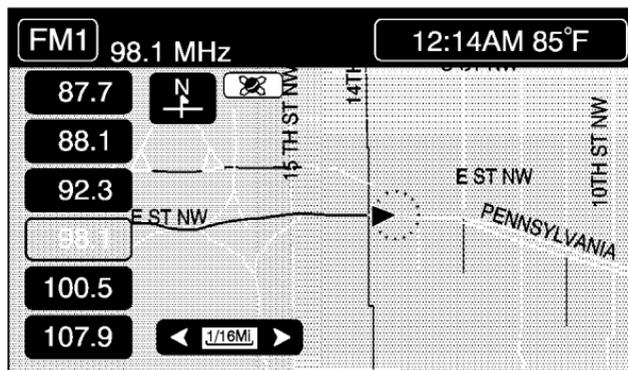


To choose Home as your destination, do the following:

1. Touch the Home symbol.
2. Touch Enter to plan your route.

## Set by Map

This destination entry method allows you to select a destination by using the scroll symbol.



To use this feature, do the following:

1. Touch the Set By Map symbol. Current vehicle position will be shown on the map screen.
2. Use the scroll symbol to select the desired destination. The zoom in and zoom out feature can be used to assist you in finding the desired location. See "Map Scales" under *Maps* on page 2-30.
3. Touch Enter to plan your route.

## Freeway Entrance/Exit

This destination entry method allows you to select either a freeway entrance or an exit as a destination.



To enter a freeway name, do the following:

1. Touch the Freeway Entrance/Exit symbol.
2. Enter the freeway name using the alpha key pad.  
Freeways sometimes have a name and a number associated with them which you may need to refer to when entering freeway information. Freeways are also referred to by their abbreviated names. For example, Interstate 75 in the U.S. is selected by entering I-75.

As you enter a freeway name, the List option will become available.

3. Touch List to view the list of available name choices or continue to spell the name to further reduce the list of available items. The system will supply a list of names when the choice is five or less.

If you are unsuccessful when inputting a name, the name may need to be input differently, the map DVD database may not contain this information, or the name may be misspelled.

4. Select a freeway from the list.
5. The ENTRANCE or EXIT options will appear. Choose ENTRANCE to select the entrance to the freeway, or EXIT to select the exit ramp of the freeway.

When either button is touched, it will give an alphabetical list of freeway entrance and exit ramps on the freeway you entered. You may touch DIST SORT to sort the list by distance from your current location, or NAME SORT to sort the list by name.

6. Select the desired freeway entrance or exit from the list. A map will appear with the destination shown.
7. Touch Enter to plan your route.

## Intersection

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



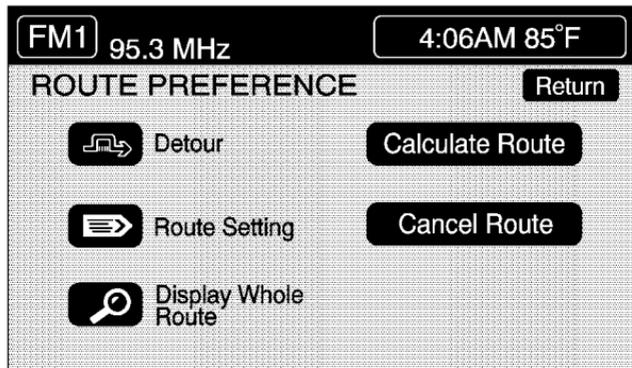
To enter an intersection, do the following:

1. Touch the Intersection symbol.
2. Using the alpha keypad, enter the name of the first street in the intersection.
3. To view a list of choices, touch List or continue to spell the name to further reduce the list of available items. The system will display a list of the intersecting streets if the number of intersecting streets is five or less.
4. Select the first street.
5. Now enter the second street name.
6. Select the second street name from the list of intersecting streets. To view a list of choices, touch List or continue to spell the name to further reduce the list of available items. The system will display a list of intersecting streets if the number of intersecting streets is five or less.  

If there are multiple intersections with the same two roads, the system will display a list of cities to choose from. Choose a city from this list. A map with the intersections for that city will appear.
7. Touch Enter to plan your route.

## Route Preference

To change your planning options, use the following instructions.

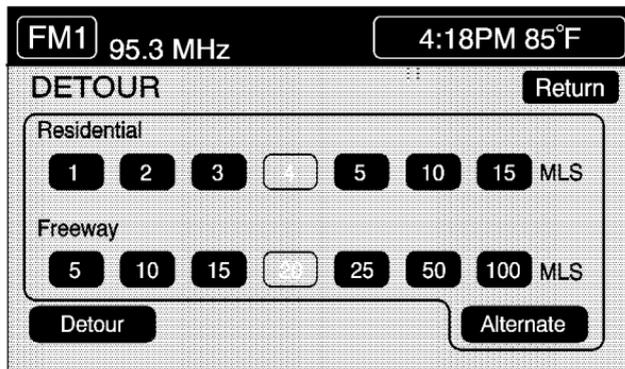


1. Press the ROUTE key.
2. Touch Route Preference.

The following options will be available from the ROUTE PREFERENCE menu:

## Detour

This feature allows you to choose a distance in miles/kilometers to detour. Select the detour distance desired for residential roads and freeways.



The system will retain these settings for the next time you use Detour, unless you change them.

You may also touch Alternate to provide a new route that does not use previously stored detour settings.

Touch Return to go back to the previous screen.

## Route Setting

This feature allows you to display and change the planning methods used each time you plan a route. With planning method options, you are able to select the fastest route based on time or distance, using only major roads, toll roads, and using ferries based on the navigation system's information and information contained on the map DVD.

FM1 95.3 MHz	4:23PM 85°F
<b>ROUTE SETTING</b> <span>Return</span>	
Minimize Time/Dist.	<input type="button" value="Time"/> <input checked="" type="button" value="Dist"/>
Use Major Roads	<input type="button" value="Yes"/> <input checked="" type="button" value="No"/>
Use Toll Roads	<input type="button" value="Yes"/> <input checked="" type="button" value="No"/>
Use Ferries	<input checked="" type="button" value="Yes"/> <input type="button" value="No"/>

The following options will be available from the ROUTE SETTING menu:

**Minimize Time/Distance:** The system will calculate the fastest route or shortest route possible. Choose Time for the fastest route or Dist for the shortest route.

**Use Major Roads:** Choose Yes to calculate the best route using only major roads unless a route cannot be found without the use of a secondary road. This selection will not always offer the shortest distance or time to your destination.

**Use Toll Roads:** Choose Yes to calculate the best route using toll roads wherever possible. This selection will not always offer the shortest distance or time to your destination.

**Use Ferries:** Choose Yes to calculate the best route using ferries when possible. This selection will not always offer the shortest distance or time to your destination.

## Display Whole Route

This feature allows you to display your entire planned route. Total mileage and time to destination for the planned route will be displayed on the map screen. Touch Return to go back to the previous menu.

## Calculate Route

This feature allows you to begin route calculation for the selected destination.

## Cancel Route

If you are traveling on a planned route and would like to cancel it, touch Cancel Route. The system will ask you to confirm by touching YES. Touch YES to confirm cancellation of your planned route or touch Return to keep your planned route.

## Maps

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

### Regional Maps

The maps are stored on a DVD-ROM. The 48 contiguous United States and portions of Canada are contained on one disc. The U.S. 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 and detailed city lists in each region. 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 map DVD was not installed in your vehicle when first purchased, do the following:

1. Turn the ignition on.
2. With the vehicle in PARK (P), press and hold the TILT key until a beep is heard. The system's faceplate will open.
3. If already loaded, the map DVD or a CD will eject from the slot.
4. Load the map DVD into the slot by inserting it partway. The system will pull it in.
5. Press and release the TILT key to close the faceplate.

**Notice:** Shifting out of PARK (P) with the system's faceplate open will cause the faceplate to close automatically. This could cause damage to a CD, DVD or the system if it is partially loaded. Before shifting out of PARK (P), make sure that the DVD or CD is loaded properly. The vehicle must be shifted back into PARK (P) to close the faceplate.

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

- LANGUAGE
- I AGREE

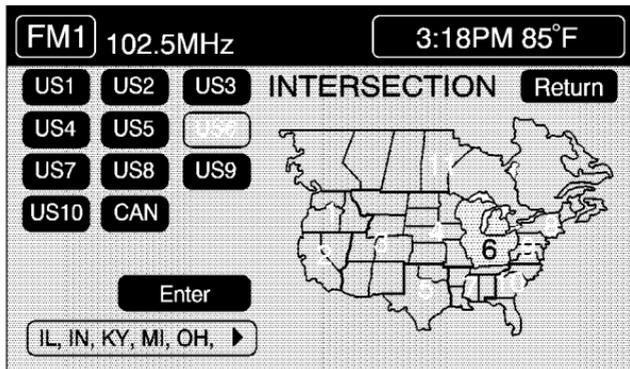
You can change the language at this time. See "Language" under *Navigation Audio System on page 3-2* for more information on choosing a language. Once a language has been selected, touch I AGREE to plan a route. The map will appear showing your current vehicle position.

## Setting the Search Area

To determine or change the system's search area, do the following:

1. Press the ROUTE key.
2. Touch the Enter Destination screen button.
3. Touch Change under the Search Area heading. The system will display a map with each region represented.





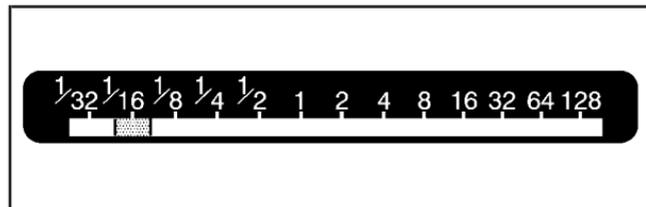
## Map Adjustments

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.

## Map Scales



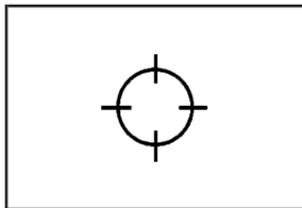
To view a larger or smaller scale of the map, touch the map scale arrows.



You may also adjust the scale of the map by touching the scale on the bar. The scale of a map can range from 1/32 of a mile (0.05 km) to 128 miles (256 km).

4. Select the desired region by touching the appropriate screen button to the left of the U.S. map. The name of the states or the country included in the selected region will be displayed at the bottom of the screen and the region will be highlighted.
5. Touch Enter to set the region as the search area.
6. Touch Return to go back to the previous screen.

## Scrolling the Map



Touch anywhere on the map screen twice to display the scroll symbol.

Place your finger on the map screen in any direction outside of the scroll symbol to scroll in that direction. The map will continue to scroll until you remove your finger.

If your vehicle is in PARK (P), the system will initially scroll at a slower rate. The rate will increase if you continue to touch the map screen.

If your vehicle is in motion, there is one scroll speed and a limited distance to scroll. You must keep touching the map screen to scroll a longer distance.

If your vehicle icon becomes lost while scrolling, press the MAP key to show the vehicle's current location.

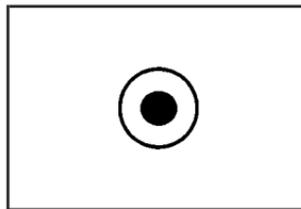
You may also use the scroll feature to set a destination. See "Set by Map" under *Enter Destination on page 2-19*.

## Symbols

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

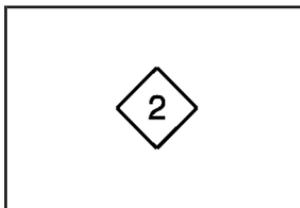


Your vehicle is shown as this symbol. It indicates the current position and heading direction of your vehicle on the map.



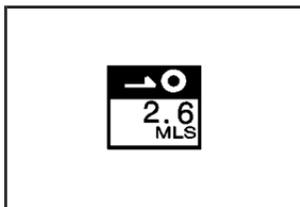
This symbol will appear on the map to show your destination after a route has been planned.

See *Enter Destination on page 2-19* for more information on planning a route.

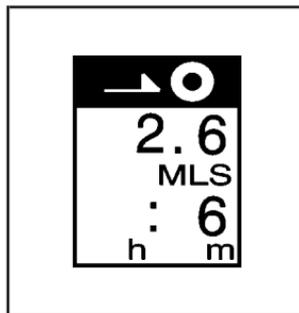


You will see this type of symbol on the map when a waypoint has been planned.

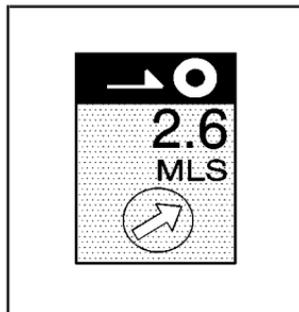
The waypoint symbol will be numbered from 1 through 5 depending on how many waypoints have been set. See *Edit Waypoint on page 2-14* for more information on adding waypoints.



This symbol indicates the distance to your final destination.

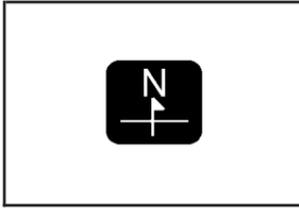


This symbol indicates the distance and estimated travel time to your final destination. The Estimated Travel Time feature must be on for estimated travel time to be displayed.



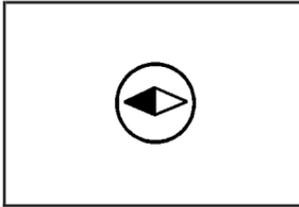
This symbol indicates the distance to your final destination in a straight line.

This symbol will appear before route guidance begins or if you are on a road where route guidance is not available.



This symbol indicates the map with North up.

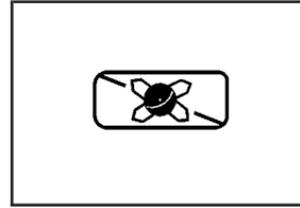
While in North up mode, North will always be at the top of the map screen regardless of which direction the vehicle is traveling.



This symbol indicates the map with the vehicle travel direction up, or Heading up.

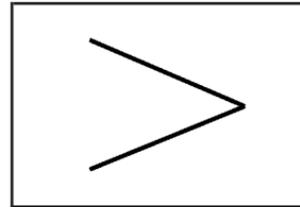
The shaded triangle indicates North. While in Heading up mode, the direction your vehicle is traveling will always be at the top of the map screen.

Touch either the North Up heading symbol or the vehicle Heading Up symbol to alternate between settings.



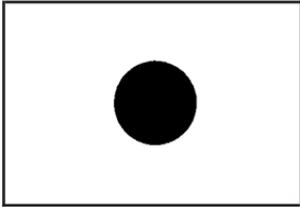
This symbol will appear when the navigation system is unable to receive the GPS signal.

See *Global Positioning System (GPS)* on page 2-39 for more information.



When a point of interest (POI) or street address name is too long to be displayed, an arrow will appear.

Touch the right or left arrow to scroll through the entire name.

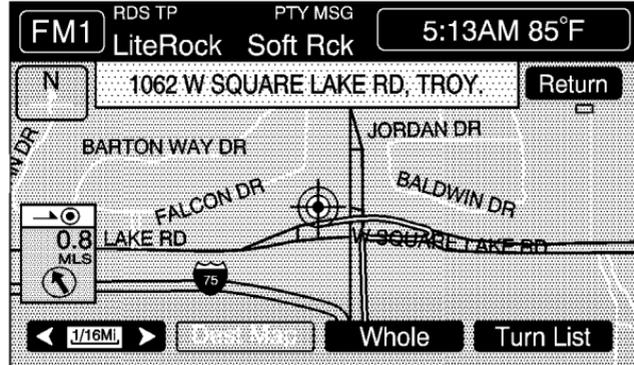


This symbol indicates the position of the next turn instruction.

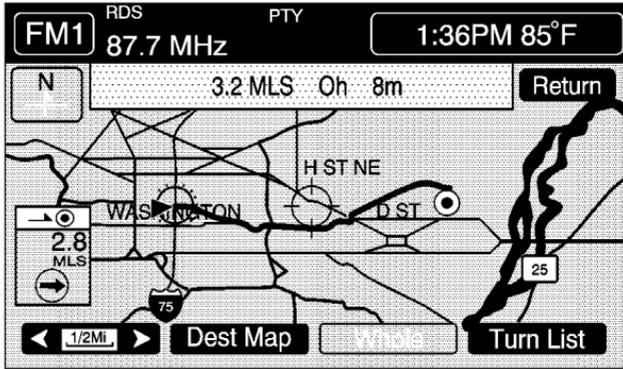


While on a planned route, touch this symbol to display the DEST MAP, WHOLE, and TURN LIST options.

With these options, you can do the following:



**Dest (Destination) Map:** This option allows you to view the final destination location. The destination's name or address will be displayed on the map screen. Touch Return when finished.



**Whole:** This option allows you to view the entire planned route. The distance to destination will be displayed on the map screen. Touch Return when finished.



**Turn List:** This option allows you to view a step-by-step listing of upcoming street names, the distance that you will travel on the road, and turns you will need to make during your planned route.

After touching Turn List, the system may take some time to create the list. The length of time will vary depending on the length of your route and the planning methods you have selected.

The turn list will read from bottom to top. The bottom street name is the street you are currently on. The system automatically updates this screen as you make each turn. You may also touch the scroll up and down arrows providing scroll is available. Touching the down arrow will bring you to your current location. Touching the up arrow will give you upcoming streets. At times, there may not be names available for entrance or exit ramps.

To avoid a turn, touch AVOID next to the turn you want to avoid. You can use REDUCE or ENLARGE to edit the avoided point. Touch Reroute or press the MAP key to calculate your new route.

Touch Return to view your current position and to turn the turn list screen off.

Touch REROUTE or press the MAP key to calculate a new route.

## Auto Reroute

When your destination is set and you travel off of the planned route, the system will automatically begin to reroute you. You will see the new route highlighted on the screen.

## Traveling Across Regions

If you plan to drive across several states, you may have to change the selected region to represent the area you are traveling to.

There are two ways you can plan a destination when traveling across regions.

The following method is suggested and provides the most route guidance and map display functions:

1. Change the selected search area region when you get closer to the area you are traveling to. See "Setting the Search Area" under *Maps* on page 2-30.
2. Enter your destination and route settings. See *Enter Destination* on page 2-19 for more information.

If you do not want to use the first method, keep your currently selected search area region and enter your destination. This method allows you only to select a destination from the easy planning route method or from the All Points of Interest (POI) categories with the "All Search Areas" comment for US Only. For example, Tourist is a category that features this comment. See *Enter Destination* on page 2-19 for more information.

If you are traveling in or to Canada and you cross the regional border, the only map scale views available are 4 mi, 8 mi, 31 mi, and 128 mi (8 km, 16 km, 64 km and 256 km). Change the selected search area region when you get closer to the area you are traveling to. See “Setting the Search Area” under *Maps on page 2-30* for more information.

## Remote Keyless Entry System

When you insert the key in the ignition, Driver 1 or Driver 2 will be displayed on the screen. A message will not appear on the screen if the driver is unknown. The number on the back of the RKE transmitter corresponds to driver 1 or driver 2. The navigation system can store memory points for drivers 1 and 2 individually. See “Remote Keyless Entry Transmitter” in Section 2 of your vehicle’s owner manual for more information.

## OnStar® System

When using the OnStar® system, the audio system will be muted and the navigation voice prompts will be disabled during the call. The volume of the OnStar® call can be adjusted by using the steering wheel volume controls. See “Audio Steering Wheel Controls” and “OnStar® System” in your vehicle’s owner manual for more information.

## 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, the GPS symbol will not appear on the map screen. See *Symbols on page 2-33* for more information on the GPS symbol.

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 the GPS symbol will appear on the map screen.

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

- Signal are obstructed by tall buildings, large trucks, or a tunnels.
- Satellites are being repaired or improved.
- Objects are located on the rear shelf.
- 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.

If you are experiencing a problem, see *Vehicle Positioning* on page 2-40 or *Problems with Route Guidance* on page 2-41 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 2-41*.

## 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 2-41*.



## Section 3 Navigation Audio System

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<b>Navigation Audio System</b> .....	3-2	Radio Personalization with Home and	
Six-Disc CD Changer .....	3-18	Away Feature .....	3-26
CD/DVD Player .....	3-21		

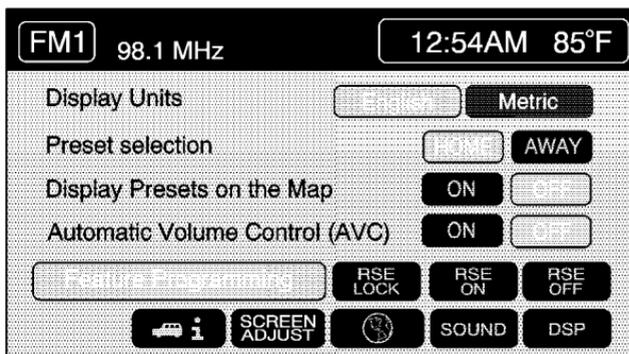
## Navigation Audio System

**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.

## Main Audio Menu



 /  **(Audio/Adjust):** Press this key to view the main audio screen.

 **(Vehicle Information):** Touch this screen button or touch the upper right corner of the navigation screen to access the Vehicle Information menu. See "Vehicle Information Menu" later in this section for more information.

**Display Units:** Touch English or Metric to have distances appear on the map in English or Metric measurements.

**Preset Selection:** Here you can program the audio system's presets to recall your home settings by touching HOME. You can also recall the presets you use when traveling to another area by touching AWAY. See "Preset Station Menu" later in this section for more information on how to store preset stations.

The Home and Away feature is not available for the XM™ Satellite Radio source, if equipped.

**Display Presets on the Map:** With this feature on, your audio system presets for the current audio source will be displayed on the left of the map screen. Touch ON to turn this feature on. You may also choose to turn this feature off.

With this feature on, you can recall your preset radio stations from the map screen. You cannot store preset stations from the map screen. You must do this from the audio screen. See "Preset Station Menu" later in this section.

**Automatic Volume Control (AVC):** If your vehicle has the Bose system, you will have this feature. With AVC, your audio system monitors the noise in the vehicle. AVC will automatically adjust the volume level so that it always sounds the same to you. To use AVC, touch the ON button. You may also choose to turn this feature off.

**Feature Programming:** Touch this screen button to access the feature programming menu. See *Personalization on page 5-2* for more information.

**RSE LOCK:** Prevents the passengers in rear seat from controlling the front seat audio controls, such as audio source and volume.

**RSE ON:** This enables the rear seat passengers to control all audio operations of the radio. This means that rear seat can control the audio source and volume for all speakers in the vehicle.

**RSE OFF:** This function will turn off rear seat entertainment. This means that the RSE is turned off. The passengers in the rear can only eject the disk from the rear seat entertainment device.

**SCREEN ADJUST:** Touch this screen button to access the Screen Adjust Menu. See "Screen Adjust Menu" later in this section for more information.

**🌐 (Language):** Your vehicle has been set for the English language, but you may also select French, Italian, Spanish or Dutch for all instructional text and voice prompts. Scroll up or down if necessary to select the desired language. Touch Return to go back to the previous screen.

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

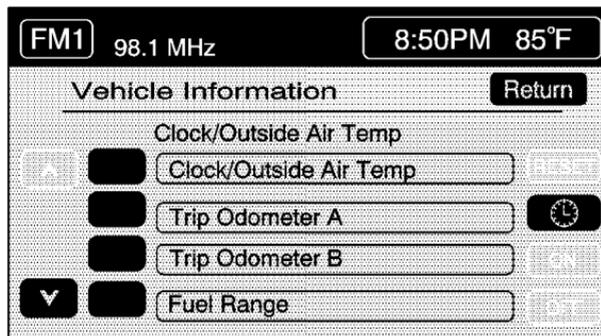
If you accidentally select a language you do not understand, turn your engine off and open and close your door. Start the vehicle again and touch the language symbol to select the correct language from the start-up screen.

You may also use voice recognition with English commands.

**SOUND:** Touch this screen button to access the Sound menu. See “Sound Menu” later in this section for more information.

**DSP (Digital Signal Processing):** Press this button to access the DSP menu. See “Adjusting the Speakers” later in this section for more information.

## Vehicle Information Menu



**🚗 i (Vehicle Information):** Touch this screen button or touch the upper right corner of the navigation screen to access the Vehicle Information menu.

Here you can select vehicle information to be displayed in the upper right corner of the screen. Use the up and down arrows to scroll through the list of choices. Select the item you want to appear.

See *Driver Information Center (DIC)* on page 5-12 for more information.

## Clock



 **(Clock):** Touch this screen button on the Vehicle Information menu to get to the CLOCK ADJUST menu.

**HOUR/MIN.:** Touch the up or down arrows to increase or decrease the hour or minutes. If you touch and hold one of the arrows, the numbers will advance quickly.

**12H/24H:** Touch 12H to set the clock in standard time or 24H to set the clock in military time.

**GPS TIME:** The current GPS time will be displayed to the right of this screen button. Touch GPS TIME to set the navigation system time to match current GPS time. If the seconds for the present minute are greater than thirty when GPS TIME is selected, the clock will round up to the next minute.

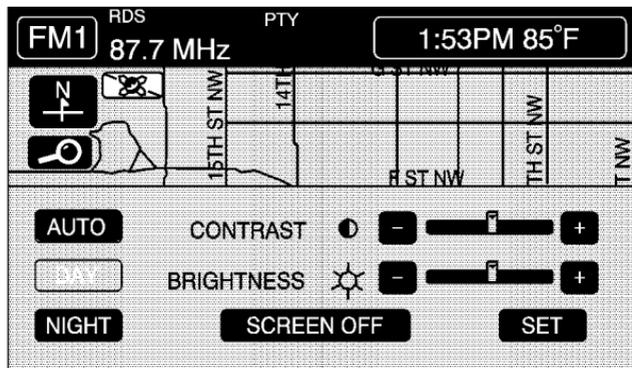
**Daylight Saving Time:** Touch this screen button to increase the time setting by one hour. Then touch GPS TIME to save the new setting. If the screen button is light blue, the daylight savings time feature is on. If the button is dark blue, the daylight savings time feature is off.

**TIME ZONE:** The selected time zone will appear to the right of this screen button. Touch this screen button to toggle between time zones and select the desired one. The time of the selected zone will be displayed to the right of the GPS TIME screen button. To set the clock to the new setting, touch GPS TIME.

If the system is not receiving GPS information, you can still set the time manually as described above but the GPS time and Daylight Saving Time features will not be available.

Touch Return to go back to the previous menu.

## Screen Adjust Menu



To adjust the brightness or contrast of the screen, touch the SCREEN ADJUST button to display the screen adjust menu.

The following options are available from this menu:

**Contrast:** Touch the plus (+) or minus (-) signs to adjust the contrast of the screen.

You will see the screen change. Touch SET to confirm the setting.

**Brightness:** Touch the plus (+) or minus (-) signs to adjust the brightness of the screen.

You will see the screen change. Touch SET to confirm the setting.

**AUTO:** This setting automatically adjusts the contrast and brightness of the screen depending on exterior lighting conditions.

**DAY:** This setting leaves the screen in day mode. Day mode is best suited for daylight conditions.

**NIGHT:** This setting leaves the screen in night mode. Night mode is best suited for nighttime conditions.

**SCREEN OFF:** Touch SCREEN OFF to turn off the screen. Press any hard key to turn the screen back on.

**SET:** Touch SET to save your choices and exit the CLOCK ADJUST menu.

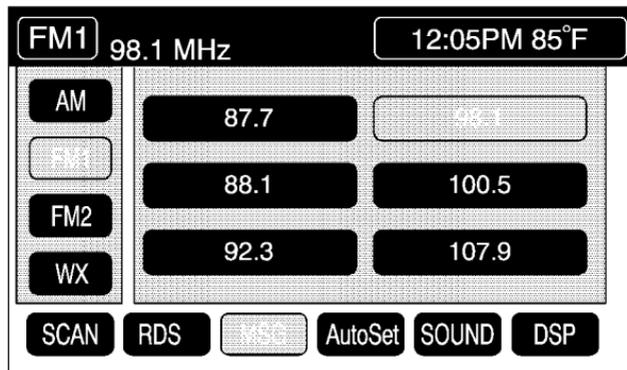
## Playing the Radio

**PWR-VOL (Power-Volume):** Press this knob to turn the audio and navigation systems on and off. Turn the knob to increase or decrease the volume to the audio system.

∧ **TUNE/SEEK** ∨ : Press and hold the up or down arrow for 2 seconds to seek to the next station. Pressing the arrow for more than 2 seconds will cause the radio to go through the frequency range very quickly.

**BAND:** Press this key to switch between AM, FM1, FM2, XM1 XM 2, or WX, if equipped. If you are on a map screen and press this key, the screen will not change but the audio source will.

## Finding a Station



### FM1 audio source shown, other sources similar

Press the BAND key to switch between AM, FM1, FM2, XM1, XM2, or WX, if equipped. Touch the desired audio source to select it.

## Preset Station Menu

Up to 36 stations, 6 AM, 6 FM 1, 6 FM 2, 6 XM 1, 6 XM 2, and 6 WX, if equipped, can be programmed for home and for away. To store presets, do the following:

1. Turn the audio system on.
2. Touch AM, FM, XM, or WX, if equipped, to display the desired source. The preset station menu will appear.
3. Tune to the desired station by using the TUNE/SEEK arrows.
4. Touch SOUND to set the bass, mid-range, treble, and DSP for your preset, if desired. See “Sound Menu” later in this section for more information.
5. Touch and hold one of the six numbered preset buttons for more than two seconds until you hear a beep.
6. Repeat the steps for each preset and source.

**SCAN:** To scan stations, touch SCAN. 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. It will only scan the audio source it is in, with the exception of FM 1 and FM 2, which will both be scanned if in that source. Touch SCAN again to stop scanning.

**RDS (Radio Data System):** See “Radio Data System (RDS)” later in this section for more information.

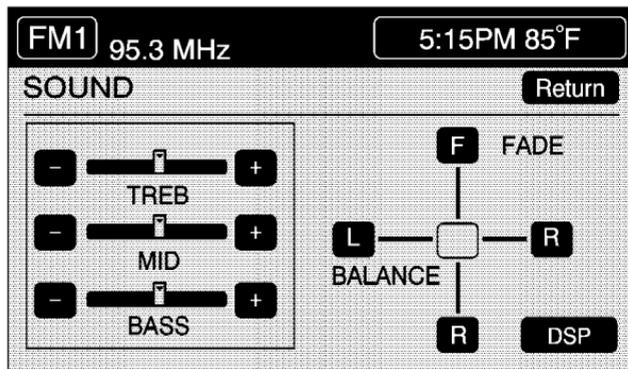
**MSG (Message):** See “Radio Data System (RDS)” later in this section for more information.

**AutoSet:** Touch AutoSet to replace currently stored preset stations with the strongest stations available in the immediate area. Touch AutoSet again to return to the original preset stations.

**SOUND:** See “Sound Menu” following for more information.

**DSP:** See “Adjusting the Speakers” later in this section for more information.

## Sound Menu



Touch SOUND at the bottom of the main audio screen, source menu, or DSP menu to change the tone, DSP, if equipped, fade, and balance for all sources. The audio system has a separate setting for these features for each source preset. However, the audio system keeps one fade and one balance setting for all audio sources.

To adjust sound settings, do the following:

1. Touch the plus (+) or minus (-) signs to adjust treble, mid-range, and bass.
2. Touch the L for left or R for right to adjust the balance of the speakers.
3. Touch the F for front or R for rear to adjust the fade of the speakers.

4. Touch DSP to adjust your DSP, if equipped. See “Adjusting the Speakers” later in this section for more information.

After adjustments are made, touch any source screen button. This will take you back to the preset station menu. Whenever you touch that screen button, the previously stored information you have entered for each preset station will be recalled.

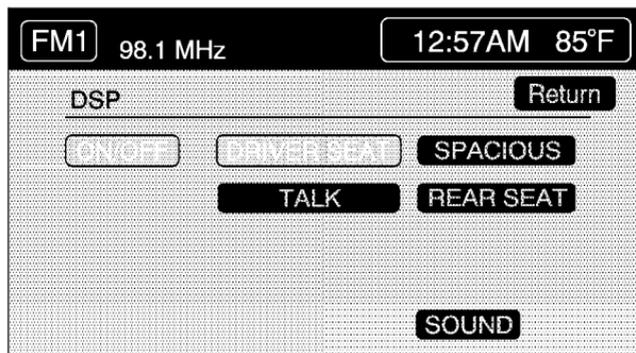
To adjust the tone for each preset, do the following:

1. Press the BAND key.
2. Touch AM, FM1, FM2, XM1, XM2, or WX, if equipped, to access the desired preset screen.
3. Touch SOUND.
4. Touch the plus (+) or minus (-) signs to adjust treble, mid-range, and bass.
5. Touch Return to exit. This will take you to the preset station menu.
6. Touch and hold one of the six preset screen buttons for more than two seconds until you hear a beep.

Whenever you touch that preset for less than two seconds, the station and previously stored information you have entered for each preset station will be recalled.

7. Repeat the steps for additional presets.

## Adjusting the Speakers



**DSP (Digital Signal Processing):** If you have the Bose system, the DSP feature is used to provide a choice of four different listening experiences. DSP can be used while listening to the audio system or the CD player. The audio system can store separate DSP settings for each source and preset station, except WX, which is always set to TALK.

To save DSP settings for your preset stations, use the SOUND menu or touch DSP from the preset station menu to access the DSP menu. See “Sound Menu” listed previously in this section for more information.

Touch DSP to change the following options:

**ON/OFF:** Touch ON/OFF to turn DSP on and off.

**DRIVER SEAT:** Touch this button to adjust the audio to give the driver the best possible sound qualities.

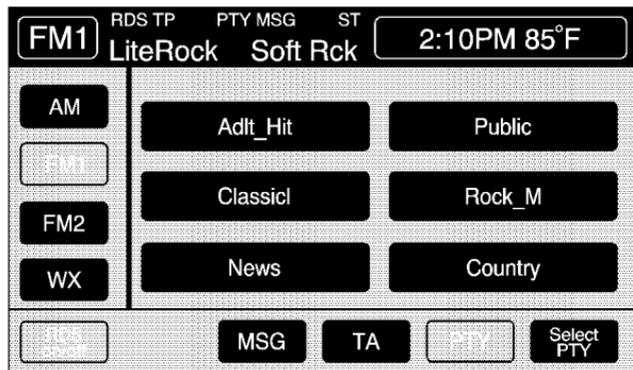
**SPACIOUS:** Touch this button to make the listening space seem larger.

**TALK:** TALK makes spoken words sound very clear. Touch this button when listening to non-musical material such as news, talk shows, and sports broadcasts.

**REAR SEAT:** Touch this button to adjust the audio to give the rear seat occupants the best possible sound qualities.

**SOUND:** Touch SOUND to access the Sound menu. See “Sound Menu” listed previously in this section 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 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

**RDS:** Touch RDS to use alternate RDS functions located in the preset menu. When you touch RDS, you will only have about five seconds to choose RDS ON/OFF, TA, MSG, PTY, or SEL PTY. If you do not make a selection, the system will return to the previous menu.

If you are tuned to a station broadcasting RDS information, the station's Program Service (PS) and Program Type (PTY) will replace the station's frequency on the status line at the top of the display. After about five seconds, if available, the PTY will be replaced on the display by the station's PTY name. The PTY and PTY name may be the same or different.

If the audio system is tuned to a station that is not broadcasting RDS information, the station's frequency will remain on the display. While RDS is on, the audio system will search for a stronger station in the network if a station gets too weak for listening.

The RDS feature relies upon receiving specific information from RDS stations. These features will only work when RDS information is available.

**TA:** Touch TA to receive traffic announcements. The audio system will turn on the TA display. TA will appear on the display if the current station broadcasts traffic announcements. You may also receive traffic announcements from stations in the network related to the current station. If the current station does not broadcast traffic announcements, the audio system will seek to a station which will. When the audio system finds a station which broadcasts traffic announcements, it will stop. If no station is found, TA will turn off.

While a traffic announcement plays, the audio system uses TA volume. To increase TA volume, touch the VOL button on your steering wheel or use the VOL up or down buttons during the announcement. See "Voice Guidance Volume Settings" under *Setup Menu on page 2-4* for more information.

When a traffic announcement comes on the current radio station or a related network station, you will hear it even if the volume is muted or a CD is playing. If the audio system tunes to a related network station for a traffic announcement, it will return to the original station when the announcement is finished. If the CD player was being used, the CD will stay in the player and resume play at the point where it stopped.

Touch RDS followed by TA again to turn TA off.

**MSG (Message):** When RDS is on, if the current station has a message, MSG will appear on the display. Touch MSG from the preset menu to view the message. If the whole message does not appear on the display, parts of the message will appear every three seconds until the message is completed. Once the complete message has been displayed, MSG will disappear from the display until another new message is received. MSG will remain available to allow you to display the entire message again.

**PTY:** PTY allows you to seek only stations with types of programs you want to listen to. This button is used to turn on and off Program Type (PTY) features.

With RDS on, touch RDS, followed by PTY. The PTY display will turn on. Touch RDS followed by this button again to turn the PTY display off.

**Select PTY (Select Program Type):** With RDS and PTY on, touch RDS, then SEL PTY. The PTY menu will appear. Use the up and down arrows to select a PTY. Touch your PTY selection and the system will return you to the screen with the preset stations shown. See Steps 1 through 7 under "Preset Station Menu" to store the selected PTYs. The selected PTY is then stored on the preset. You can now touch the PTY preset to recall your settings.

When the PTY display is on, press TUNE/SEEK and SCAN to find radio stations of the PTY selected. The last PTY selected will be used for seek and scan modes. If a station with the selected PTY is not found, NONE FOUND will appear on the display. If both PTY and TA are on, the audio system will search for stations with traffic announcements and the selected PTY.

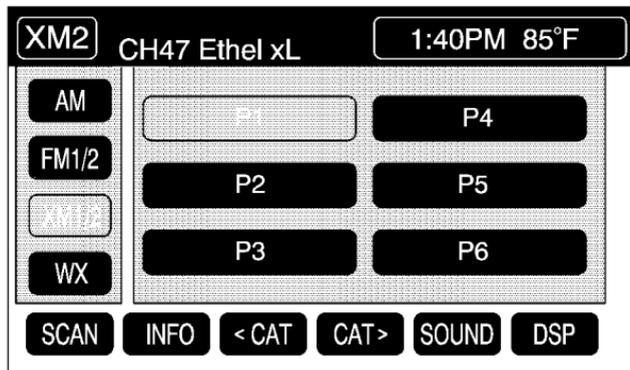
**PTY (Program Type) Presets:** The six presets let you return to your favorite PTYs. These presets have factory PTY preset stations. See “RDS Program Type (PTY) Selections” later in this section. You can set up to 12 PTYs, 6 FM 1 and 6 FM2. To save a PTY preset, do the following:

1. Touch FM1 or FM2.
2. Touch RDS to enter the RDS menu.
3. Touch RDS ON/OFF to turn RDS on.
4. Touch PTY.
5. Touch SEL PTY and select the desired PTY from the list.
6. Touch and hold one of the six presets for more than two seconds until you hear a beep. Whenever you touch that numbered preset for less than two seconds, the PTY you set will return.
7. Repeat the steps for each preset.

Once you have stored a PTY for each of your preset stations, you can recall a PTY preset by touching the preset station for less than two seconds. Then use TUNE/SEEK or SCAN to locate a station for that PTY selection.

**ALERT:** This type of announcement warns of national or local emergencies. You will not be able to turn off alert announcements. Alert announcements will come on even if RDS mode is turned off. ALERT appears on the display when an alert announcement plays. The audio system uses TA volume during these announcements. To increase volume, touch the VOL button on your steering wheel or use the VOL up and down buttons during the announcement. See “Voice Guidance Volume Settings” under *Setup Menu on page 2-4* for more information. When an alert announcement comes on the tuned radio station or a related network station, you will hear it even if the volume is muted or a CD is playing. If the audio system tunes to a related network station for an alert announcement, it will return to the original station when the announcement is finished. If the CD player is playing, the player will stop for the announcement and resume when the announcement is finished.

## 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-XMXX (9696).

**INFO (Information):** Touch INFO while in XM™ mode to retrieve various pieces of information related to the current song or channel. By touching INFO, you may retrieve four different categories of information: Artist Name/Feature, Song/Program Title, Channel Category, and other Additional Information that may be broadcast on that channel. Additional Information messages may only be available at certain times or on certain programs. If an Additional Information message is being broadcast on the tuned channel, INFO will appear on the display.

Each of the four information types may have multiple pages of text. To reach a category, touch INFO repeatedly until the desired type is displayed. If there are multiple pages of text for the information selected type, the radio will automatically display all the pages for that type at a rate of about one page every three seconds before timing out and returning to the default display. You may override this feature by touching INFO to review all of the pages at your own pace.

**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-XMXX (9696).

## Setting Program Type (PTY) Preset Stations

**< CAT >** (Category): Press the arrows to select a category.

Once the desired category is displayed, press TUNE/SEEK to select the category and take you to the category's first station. If you want to go to another station within that category, press TUNE/SEEK once.

Touch and hold one of the desired P1-P6 presets to store the selected station as a preset. If PTY times out and is no longer on the display, start again.

**SCAN:** Use this button to scan through the channels within a category or scan through the preset stations. To scan through the channels in a category, do the following:

1. Select a category by using the category arrows.
2. Once the desired category is displayed, touch SCAN. The radio will begin scanning within the chosen category.
3. Touch SCAN again to stop scanning.

To scan through your preset stations, touch and hold SCAN. Touch SCAN again to stop scanning.

## 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.
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.

<b>Radio Display Message</b>	<b>Condition</b>	<b>Action Required</b>
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 Receivr	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.

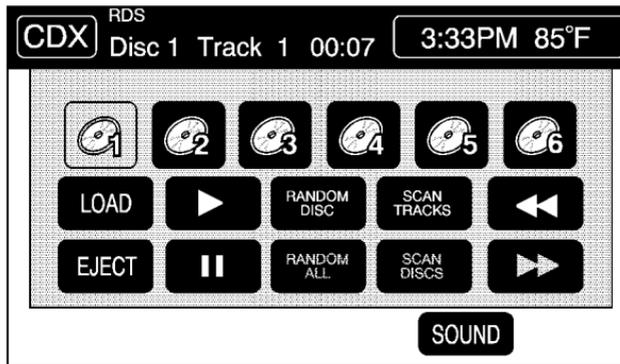
## Six-Disc CD Changer

With the compact disc changer, you can play up to six normal size discs continuously.

When the radio is turned on, the changer will begin checking for discs. This will continue for up to one and a half minutes, depending on the number of discs loaded. You may hear noise, but this is normal. The CD changer is initializing.

Press the CD hard key to access the six-disc CD changer screen. You can also use the system's DVD player for single CD play once the map DVD is removed. See *CD/DVD Player* on page 3-21 for more information.

If no CD is loaded in the CD/DVD Player and you press the CD hard key, the message "No CD Loaded" will appear on the display.



### CD Changer Screen

Once you access the CD changer screen, you can select one of the numbered buttons to go from one compact disc to another among those loaded in the CD changer and use the arrows to rewind or fast forward through the disc selected.

The following features are also available from this screen:

- LOAD
- EJECT
- SCAN THE DISCS or SCAN THE TRACKS
- and RANDOM ALL or RANDOM DISC.

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

**LOAD:** Touch this button once each time you wish to load a CD into the changer. It may take up to 10 seconds for the changer to accept the CD into the slot depending on the changer initializing. Repeat this procedure for loading up to six discs. Press and hold the LOAD button until a beep is heard to put the changer in LOAD ALL mode. Once the Insert CD message is displayed, you can load all six discs, one after the other.

**▶ (Play):** Touch this button to begin playing a CD.

**RANDOM DISC:** Touch this button to hear the tracks in random, rather than sequential, order on the disc selected. Press the TUNE/SEEK hard key to randomly seek through the tracks on this disc. Touch RANDOM DISC again to turn off random play mode.

**SCAN TRACKS:** Touch this button to hear the first 10 seconds of each track on the selected disc. Touch this button again to stop scanning. The CD will mute while scanning.

**◀ (Rewind):** Touch this button to rewind quickly through a track selection.

**EJECT:** Touch this button once to eject the chosen CD. The chosen CD may be selected by first touching one of the numbered buttons from 1 to 6. Repeat this procedure for ejecting up to six discs from the changer. If you press and hold the EJECT button until a beep is heard, The system will begin to eject all of the discs from the player. Once the CD is removed the next will come out until they are all ejected.

**|| (Pause):** Touch this button to pause CD play. Touch it again to resume play or touch the play button.

**RANDOM ALL:** Touch this button to hear the tracks on all of the discs in the CD changer in random, rather than sequential, order. Press the TUNE/SEEK hard key while RANDOM ALL is on to randomly seek within that disc. Touch RANDOM ALL again to turn off random mode.

**SCAN DISCS:** Touch this button to hear the first 10 seconds of first track on each disc. Touch this button again to stop scanning. The CD will mute while scanning.

▶ **(Forward):** Touch this button to fast forward quickly through a track selection.

∧ **TUNE SEEK** ∨ : Press the up arrow on the TUNE/SEEK switch to seek to the next selection on the compact disc. If playing last track of disc, pressing the up arrow will seek to the first track of the next disc. Press the down arrow to seek to the previous selection on the compact disc. If playing the first track of disc, pressing the down arrow will seek to the last track on the selected disc. The sound will mute while seeking.

**RDS (Radio Data Systems):** See “Radio Data Systems (RDS)” listed previously for information on this button.

**SOUND:** See “Sound Menu (Tone, DSP, Fade and Balance)” for information on this button.

**DSP (Digital Signal Processing):** See “Adjusting the Speakers” listed previously for information on this button.

## CD Changer Errors

CDX ERROR could be displayed for the following:

- The road is too rough. The disc should play when the road is smoother.
- The disc is dirty, scratched, wet or not loaded label side up.
- The air is very humid. If so, wait about an hour and try again.

If any error occurs repeatedly or if an error cannot be corrected, please contact your dealer dealer. If your audio system displays an error number, write it down and provide this information to your dealer when reporting the problem.

## CD/DVD Player

The player that is used for the navigation map DVD can also be used as a single music CD player or a video DVD player.

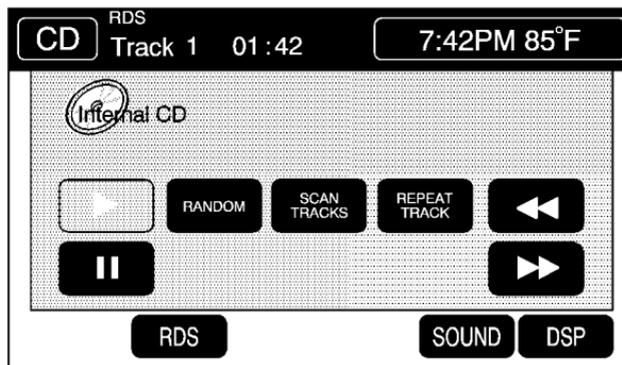
### CD Player

To use the player as a single music CD player, you must first remove the navigation map DVD. While playing a CD in the CD/DVD Player, the navigation system is not available. The message “The disc installed is not a map DVD” will appear on the display if any of the navigation hard keys are pressed.

To remove the navigation map DVD and load a music CD, do the following:

1. Turn the ignition on.
2. Press and release the TILT hard key. This will open the faceplate of the system.
3. If loaded, the navigation map DVD will eject from the slot.
4. Gently remove the navigation map DVD from the slot and return it to its case.
5. Insert the music CD into the slot. The system will pull the CD into the player.
6. Press and release the TILT hard key to close the faceplate.

**Notice:** Shifting out of PARK (P) with the system’s faceplate open will cause the faceplate to close automatically. This could cause damage to a CD, DVD or the system if it is partially loaded. Before shifting out of PARK (P), make sure that the DVD or CD is loaded properly. The vehicle must be shifted back into PARK (P) to close the faceplate.



**CD Player Screen**

Once a music CD is loaded, the CD player menu will appear on the display. When using the system as a single CD player, the CD hard key will alternate between the CD player and the six-disc CD changer if CDs are loaded.

▶ **(Play):** Touch this button to begin playing a CD.

**RANDOM DISC:** Touch this button to hear the tracks in random, rather than sequential, order on the disc. Touch RANDOM DISC again to turn off random mode.

**SCAN TRACKS:** Touch this button to hear the first 10 seconds of each track on the disc. Touch this button again to stop scanning. The CD will mute while scanning.

**REPEAT TRACK:** Touch this button to repeat the selected track.

◀◀ **(Rewind):** Touch this button to rewind quickly through a track selection.

|| **(Pause):** Touch this button to pause CD play. Touch it again to resume play or touch the play button.

▶▶ **(Forward):** Touch this button to fast forward quickly through a track selection.

∧ **TUNE SEEK** ∨ : Touch the up arrow on the TUNE/SEEK hard key to seek to the next selection on the compact disc. If playing last track of disc, touching the up arrow will seek to the first track of disc. Touch the down arrow to seek to the previous selection on the compact disc. If playing the first track of disc, touching the down arrow will seek to the last track of disc. The sound will mute while seeking.

## DVD Player

To use the player as a video DVD player, you must first remove the navigation map DVD or music CD. While playing a video DVD, the navigation system is not available. The message “The disc installed is not a map DVD” will appear on the display if any of the navigation hard keys are pressed.

This feature will not operate unless the vehicle is in PARK (P).

To remove the navigation map DVD and load a video DVD, do the following:

1. With the vehicle in PARK (P) and the ignition on, press and release the TILT hard key. The faceplate of the system will open.
2. If a map DVD or a music CD is loaded, the system will automatically eject it. Gently remove it from the slot and return it to its case.
3. Load the video DVD into the slot. The system will pull the DVD into the player.
4. Press and release the TILT hard key to close the faceplate.

**Notice:** Shifting out of PARK (P) with the system's faceplate open will cause the faceplate to close automatically. This could cause damage to a CD, DVD or the system if it is partially loaded. Before shifting out of PARK (P), make sure that the DVD or CD is loaded properly. The vehicle must be shifted back into PARK (P) to close the faceplate.

Once the faceplate is closed and a video DVD is loaded, the system will automatically play the DVD.

## Playing a DVD

There are three ways to play a DVD depending on what screen you are on. They are the following:

- Once a DVD is inserted, the system will automatically play the DVD.
- If you are on a map screen, touch the DVD source button.
- From the audio screen, press the DVD hard key.

## DVD Steering Wheel Controls

While a DVD is playing, some your steering wheel controls can perform certain functions.

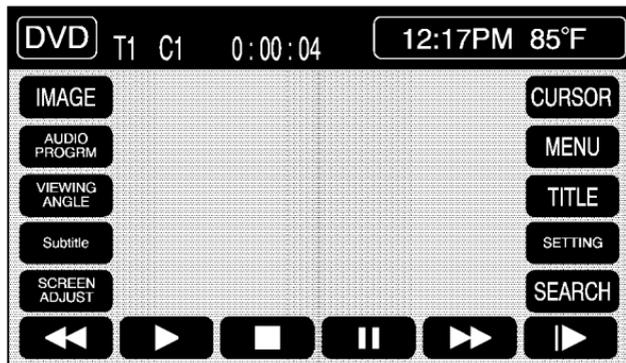
**1-6 (Preset Stations):** If you are playing a DVD in the navigation system, each press of this button will take you to the next chapter.

**+ |◀ ▶| — (Seek):** If a DVD is playing in the navigation system, press the plus sign to go to the start of the next chapter. Press the minus sign twice to go to the previous chapter on a DVD.

Press and hold the seek plus or minus buttons, until you hear a beep. The DVD will fast forward or fast reverse. Press either button again to play the DVD at regular speed.

## DVD Menu Options

To display the menu choices while a DVD is playing, touch anywhere on the screen and the menu will appear.



**IMAGE:** Touch this button to either start playing a DVD or to remove the DVD menu screen.

**AUDIO PROGRAM:** Touch this button to change the audio language heard.

**VIEWING ANGLE:** Touch this 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 button may or may not be available.

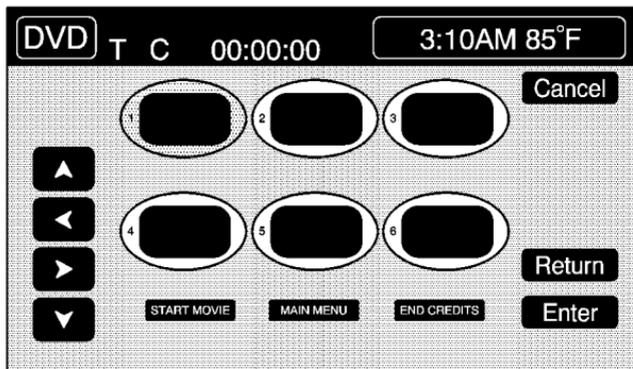
**SUBTITLE:** Touch this button to playback the video with subtitles. This may not be available on all DVDs. Depending on the type of DVD you are using, this button may or may not be available.

**SCREEN ADJUST:** Touch this button to adjust the brightness, contrast and red/green color adjustments.

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

**MENU:** Touch this button to access the DVDs menu options. Depending on the type of DVD you are using, this button may or may not be available. Touch the button labeled one, two or blank to change the image size displayed on the screen.

**TITLE:** Touch this button to display the title of the DVD. Depending on the type of DVD you are using, this button may or may not be available.



If TITLE is available, this button will allow you to navigate through chapters or the DVD features. Once the appropriate title or track has been selected, touch Return, then IMAGE on the DVD menu to view the movie in full screen.

**SETTING:** Touch this button to adjust the following:

- LANGUAGE PREFERENCES
- PARENTAL LOCK

Under LANGUAGE PREFERENCES, you can select different languages for AUDIO, SUBTITLE and DVD MENUS.

1. To change languages, first select the option you wish to change.

2. Select a language from the list given.
3. Touch RETURN to end out the menu. Your language is now saved.

Under PARENTAL LOCK, you can select SET RATING LIMIT and SET PIN.

To SET RATING, first touch the button. Then, make your selection. Touch RETURN to end out the menu. Your selection is now saved.

To use PARENTAL LOCK, first touch the button. Then, enter a four-digit numeric password. Touch RETURN to end out the menu.

**SEARCH:** Touch this button to search to a certain scene on the DVD. Depending on the type of DVD you are using, this button may or may not be available.

◀ (Rewind): Touch this button to rewind through a scene during playback.

▶ (Resume): Touch this button to resume playing a DVD.

■ (Stop): Touch this button to stop the DVD.

|| (Pause): Touch this button to pause the DVD.

▶▶ (Forward): Touch this button to advance rapidly during playback.

▶ **(Frame Advance):** Touch this button to advance by chapter during playback.

△ **TUNE SEEK** ▽ : Press the up arrow on this switch to advance to the next chapter. Press the down arrow once to return to the beginning of the chapter, or twice to return to the previous chapter.

## Radio Personalization with Home and Away Feature

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 by briefly pressing the MEMORY seat switches 1 or 2 located on the driver's door.

Your audio system can store HOME and AWAY preset stations. HOME and AWAY preset stations allow you to use one set of preset radio settings in the area where you live, and another set when you go out of town. That way, you will not need to reprogram your preset stations every time you travel.

To select HOME and AWAY preset stations, do the following:

1. With the audio system on, touch the Audio hard key and turn the audio system off.
2. Touch the HOME or AWAY button from the main audio screen.

The next time the audio system is turned on, the system will recall the last active preset selection.

When battery power is removed and later applied, you will not have to reset your home audio system preset stations because the audio system remembers them. However, you will have to reset your away radio preset stations.

# Section 4 Voice Recognition

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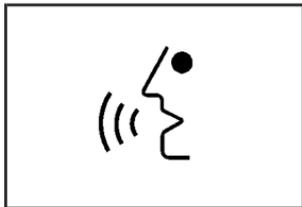
Voice Recognition .....4-2

## Voice Recognition

The navigation system's voice recognition allows for hands-free operation of navigation and audio system features. Voice recognition can be used when the ignition is in on or when Retained Accessory Power (RAP) is active.

This feature only works if the map DVD is inserted and I AGREE has been selected. If you try to use voice recognition without the map DVD inserted, the system will display "Please insert the navigation map DVD to use the voice recognition feature."

To use navigation 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.

2. Clearly state one of the commands listed on the following pages. For example, say "FM1".
3. The system will tell you the command being implemented. For example, the system will say "FM1 Radio" and change the audio system to the FM1 source.

You can end voice recognition by not speaking any commands. After about five seconds of silence, the system will automatically cancel voice recognition.

At times, the system may not understand a spoken command. If this happens, try again. If a spoken command is not available, the system will provide feedback based on availability.

While using voice recognition, make sure to keep interior noise levels to a minimum. Otherwise, the system might not recognize voice commands.

The system will only recognize commands spoken in English.

## Voice Recognition Commands

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

### Help Commands

These commands are universal and will enable you to use the help prompts available from the system.

**Map Help:** This command will enable the system to provide the available commands for the map screen.

**Destination Help:** This command will enable the system to provide the available commands for entering a destination.

**Guidance Help:** This command will enable the system to provide the available commands for the guidance method.

**Radio Help:** This command will enable the system to provide the available commands for the radio.

**Disc Help:** This command will enable the system to provide the available commands for the CD changer.

## Radio Commands

**Radio:** This command will change the audio system to the next radio audio source.

**AM:** This command will change the audio system to the AM audio source.

**FM1:** This command will change the audio system to the FM1 audio source.

**FM2:** This command will change the audio system to the FM2 audio source.

**XM1:** This command will change the audio system to the XM1 audio source.

**XM2:** This command will change the audio system to the XM2 audio source.

**CD Changer:** This command will change the audio system to the CD changer audio source.

**WX, Weather Band:** These commands will change the audio system to the weather band audio source.

**Power On, Audio On:** These commands will turn the system's power on.

**Power Off, Audio Off:** These commands will turn the system's power off.

**Seek Up:** This command will cause the selected audio source to seek up to the next strongest signal.

**Seek Down:** This command will cause the selected audio source to seek down to the next strongest signal.

**Stop Scan:** This command will cause the audio source to stop scanning for the next strongest signal.

## CD Changer Commands

**Track Up:** This command will cause the CD changer to skip up to the next track.

**Previous Track, Track Down:** This command will cause the CD changer to go to the previous track.

## Screen Commands

**Screen Day Mode, Day Mode On:** These commands will adjust the system's screen setting to the day mode.

**Screen Night Mode, Night Mode On:** These commands will adjust the system's screen setting to the night mode.

**Screen Auto Mode, Auto Mode On:** These commands will adjust the system's screen setting to auto mode.

**Screen Off:** This command will turn the system's screen display off.

## Position Commands

**Current Position, Current Location, Show Current Position, Show Current Location:** These commands will cause the system to display the vehicle's current location on the map screen.

**Map:** This command will cause the system to display the map screen.

## Map Commands

**Zoom In:** This command will cause the system to zoom in when on the map screen.

**Zoom Out:** This command will cause the system to zoom out when on the map screen.

**Maximum Scale:** This command will cause the system to zoom out to the maximum available map scale when on the map screen.

**Minimum Scale:** This command will cause the system to zoom in to the minimum available map scale when on the map screen.

**Heading Up, Change to Heading Up:** These commands will cause the system to display the Vehicle Up heading when on the map screen. The map scale should be set for under 2 miles (4 km).

**North Up, Change to North Up:** These commands will cause the system to display the North Up heading when on the map screen if the map scale is set to 2 miles (4 km) or less.

**Map Direction, Change Map Direction:** These commands will cause the system to change the vehicle's direction from North Up to Heading Up or Heading Up to North Up on the map screen if the map scale is set to 2 miles (4 km) or less.

**Mark, Mark This Point:** These commands will cause the system to mark the location as a memory point while on the map screen.

## Destination Commands

**Home, Go Home:** These commands will cause the system to enter the Home destination, if one is set.

**Go To Starting Point, Previous Starting Point:** These commands will cause the system to enter the last available starting point as a destination.

## Guidance Commands

**Repeat Guidance, Repeat Voice:** These commands will cause the system to repeat the last available voice prompt guidance command if a destination has been set.

**Louder:** This command will cause the system to increase the volume of the navigation voice prompts if a destination has been set.

**Softer:** This command will cause the system to decrease the volume of the navigation voice prompts if a destination has been set.

**Voice Guidance Off:** This command will cause the system to turn off the navigation voice prompts if a destination has been set.

**Voice Guidance On:** This command will cause the system to turn on the navigation voice prompts if a destination has been set.

**Open Guidance, Open Guidance Screen, Open Guide, Open Guide Screen:** These commands will cause the system to open the Guidance Appearance menu if a destination has been set.

**Close Guidance, Close Guidance Screen, Close Guide, Close Guide Screen:** These commands will cause the system to close the Guidance Appearance menu if a destination has been set.

**Arrow Guidance, Arrow Guide, Change To Arrow Guidance, Change To Arrow Guide:** These commands will cause the system to change to Arrow Guidance screen view in the Guidance Menu if a destination has been set.

**Turn List Guidance, Turn List Guide, Change to Turn List Guidance, Change to Turn List Guide:** These commands will cause the system to change to Turn List Guidance screen view in the Guidance Menu if a destination has been set.

**Entire Route, Entire Route Map, Route Overview:** These commands will cause the system to display the entire route if a destination has been set.

**Reroute:** This command will cause the system to generate an alternate route to a set destination while on a planned route.

**Detour, Detour Entire Route:** These commands will cause the system to activate the detour feature when driving a planned route.

**Delete Destination, Cancel Destination:** These commands will cancel a destination if one has been set.

**Next Waypoint Map:** This command will cause the system to display the map view of the next waypoint location if one has been set.

**First Waypoint Map:** This command will cause the system to display the map view of the first waypoint location if one has been set.

**Second Waypoint Map:** This command will cause the system to display the map view of the second waypoint location if more than one waypoint has been set.

**Third Waypoint Map:** This command will cause the system to display the map view of the third waypoint location if more than two waypoints have been set.

**Fourth Waypoint Map:** This command will cause the system to display the map view of the fourth waypoint location if more than three waypoints have been set.

**Fifth Waypoint Map:** This command will cause the system to display the map view of the fifth waypoint location if more than four waypoints have been set.

**Destination Map:** This command will cause the system to display the map view of the final destination location if one has been set.

## Point of Interest (POI) Commands

The following commands will cause the system to display icons if they are available on the map screen when the map scale is set to a half mile (eight-tenths km) or less.

**Restaurant, I'm Hungry:** These commands will cause the system to display restaurant POI icons.

**American Restaurant, American Food:** These commands will cause the system to display American restaurant POI icons.

**Chinese Restaurant, Chinese Food:** These commands will cause the system to display Chinese restaurant POI icons.

**Continental Restaurant, Continental Food:** These commands will cause the system to display Continental restaurant POI icons.

**French Restaurant, French Food:** These commands will cause the system to display French restaurant POI icons.

**Italian Restaurant, Italian Food:** These commands will cause the system to display Italian restaurant POI icons.

**Japanese Restaurant, Japanese Food:** These commands will cause the system to display Japanese restaurant POI icons.

**Mexican Restaurant, Mexican Food:** These commands will cause the system to display Mexican restaurant POI icons.

**Seafood Restaurant, Seafood:** These commands will cause the system to display Seafood restaurant POI icons.

**Other Restaurant, Other Food:** These commands will cause the system to display other types of restaurant POI icons.

**Shopping, Shopping Mall:** These commands will cause the system to display mall POI icons.

**Grocery Store:** This command will cause the system to display grocery store POI icons.

**Gas Station, Gas:** These commands will cause the system to display gas station POI icons.

**Parking Garage:** This command will cause the system to display parking garage POI icons.

**Parking Lot:** This command will cause the system to display parking lot POI icons.

**Rental Car Agency:** This command will cause the system to display rental car POI icons.

**Automobile Club, Triple A:** These commands will cause the system to display auto club POI icons.

**Auto Service And Maintenance, Auto Service, Maintenance:** These commands will cause the system to display auto service POI icons.

**Hotel:** This command will cause the system to display hotel POI icons.

**Golf Course:** This command will cause the system to display golf course POI icons.

**Ski Resort, Skiing:** These commands will cause the system to display ski resort POI icons.

**Amusement Park:** This command will cause the system to display amusement park POI icons.

**Sport Complex, Stadium:** These commands will cause the system to display sports complex POI icons.

**Casino:** This command will cause the system to display casino POI icons.

**Marina:** This command will cause the system to display marina POI icons.

**Tourist Attraction:** This command will cause the system to display tourist attraction POI icons.

**Winery:** This command will cause the system to display winery POI icons.

**City Hall:** This command will cause the system to display city hall POI icons.

**Police Station:** This command will cause the system to display police station POI icons.

**Library:** This command will cause the system to display library POI icons.

**Hospital:** This command will cause the system to display hospital POI icons.

**Park & Recreation, Parks & Recreation:** These commands will cause the system to display parks and recreation POI icons.

**Civic Center, Community Center:** These commands will cause the system to display community center POI icons.

**Convention Center, Exhibition Center:** These commands will cause the system to display convention center POI icons.

**Court House:** This command will cause the system to display court house POI icons.

**Train Station:** This command will cause the system to display train station POI icons.

**Airport:** This command will cause the system to display airport POI icons.

**Bus Station:** This command will cause the system to display bus station POI icons.

**Commuter Rail Station:** This command will cause the system to display commuter rail station POI icons.

**Ferry Terminal:** This command will cause the system to display ferry terminal POI icons.

**Park & Ride:** This command will cause the system to display park & ride POI icons.

**Rest Area, Rest Stop:** These commands will cause the system to display rest area POI icons.

**Tourist Information:** This command will cause the system to display tourist information POI icons.

**Historical Monument:** This command will cause the system to display historical monument POI icons.

**Performing Arts:** This command will cause the system to display performing arts POI icons.

**Museum:** This command will cause the system to display museum POI icons.

**Bank:** This command will cause the system to display bank POI icons.

**School:** This command will cause the system to display school POI icons.

**ATM:** This command will cause the system to display ATM POI icons.

**Higher Education, University, College:** These commands will cause the system to display higher education POI icons.

**Business Facility:** This command will cause the system to display business facility POI icons.

**City Center:** This command will cause the system to display city center POI icons.

**POI Off:** This command will cause the system to turn off POIs so they do not appear on the map screen.



## Section 5 Vehicle Customization

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Personalization .....	5-2
Driver Information Center (DIC) .....	5-12

# 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. The number of programmable features varies depending upon which model of the vehicle is purchased.

On all vehicles, features such as climate control settings, radio preset settings, exterior lighting at unlock, remote lock and unlock confirmation, and automatic door locks have already been programmed for your convenience.

Some vehicles are equipped with additional features that can be programmed including the seat and outside rearview mirror position. The navigation system screen preferences will remain at the last set position.

If your vehicle is equipped with the ability to program additional personalization features, the driver's preferences are recalled by pressing the unlock button on the remote keyless entry transmitter, 1 or 2, or by pressing the appropriate memory button, 1 or 2, located on the driver's door. Certain features can be programmed not to recall until the key is placed in the ignition. To change feature preferences you must use one of the following procedures.

## Entering the Personalization Menu

To enter Feature Programming mode, do the following:

1. Turn the ignition on without the engine running. Make sure the vehicle is in PARK (P).
2. If your vehicle has memory settings, press the appropriate memory button, 1 or 2, located on the driver's door armrest. The DIC display will show either Driver 1 or 2 depending on which button was selected.
3. Press the Audio/Adjust button to the left of the screen to enter the Main Audio menu.
4. Touch the Feature Programming screen button.
5. Scroll to the item you want to change and touch the screen button next to the item to modify the item as desired.

If an item has been turned on, the color of the ON screen button will be light blue. If the item is turned off, the color of the OFF screen button will be light blue.

If none of the personalization items are on, turn on the personalization menu by touching the ON screen button next to Personalization.

## Personalization Features

The following choices are available for programming:

### Personalization Name

This feature allows you to type in a name that will appear on the DIC display whenever the corresponding remote keyless entry transmitter is used or one of the buttons on the driver's door armrest (1 or 2) is pressed.

If a customized name is not programmed, the system will show Driver 1 or Driver 2 to correspond with the numbers on the back of the remote keyless entry transmitters.

To program a name, do the following:

1. Enter the Personalization menu by following the instructions listed previously.
2. Scroll to the PERSONALIZATION NAME menu item and touch the EDIT screen button.
3. The alpha keypad will appear on the screen. Use it to enter the desired name, up to 20 characters.
4. When you are done entering the name, touch the ENTER screen button.

The name you selected is now set. You can either exit the programming mode by following the instructions later in this section or program the next feature available on your vehicle.

## Recall Driving Positions

If your vehicle has the optional memory package, you will have this feature. When this feature is turned on, you can recall any previously programmed seat, adjustable pedals and mirror controls when the unlock button on the remote keyless entry transmitter is pressed.

The following modes are available for selection:

**Mode 1:** ON

**Mode 2:** OFF

Before your vehicle was shipped from the factory, it was programmed to Mode 2. The mode to which the vehicle was programmed may have been changed since it left the factory. To program the vehicle to a different mode, do the following:

1. Enter the Personalization menu by following the instructions listed previously.
2. Scroll to REMOTE RECALL MEMORY and touch the ON or OFF screen button as desired.

If REMOTE RECALL MEMORY is turned on, this will also turn off REMOTE EXIT RECALL and KEY IN RECALL MEMORY if they are not already turned off.

The mode you selected is now set. You can either exit the programming mode by following the instructions later in this section or program the next feature available on your vehicle.

## Remote Exit Recall

If your vehicle has the optional memory package, you will have this feature. When this feature is turned on, you can recall any previously programmed exit position for the driver's seat when the unlock button on the remote keyless entry transmitter is pressed.

The following modes are available for selection:

**Mode 1:** ON

**Mode 2:** OFF

Before your vehicle was shipped from the factory, it was programmed to Mode 2. The mode to which the vehicle was programmed may have been changed since it left the factory. To program the vehicle to a different mode, do the following:

1. Enter the Personalization menu by following the instructions listed previously.
2. Scroll to REMOTE EXIT RECALL and touch the ON or OFF screen button as desired.

If REMOTE EXIT RECALL is turned on, this will also turn off REMOTE RECALL MEMORY if it is not already turned off.

The mode you selected is now set. You can either exit the programming mode by following the instructions later in this section or program the next feature available on your vehicle.

## Key in Recall Memory

If your vehicle has the optional memory package, you will have this feature. When this feature is turned on, you can recall any previously programmed seat and mirror positions when the key is inserted into the ignition.

The following modes are available for selection:

**Mode 1:** ON

**Mode 2:** OFF

Before your vehicle was shipped from the factory, it was programmed to Mode 2. The mode to which the vehicle was programmed may have been changed since it left the factory. To program the vehicle to a different mode, do the following:

1. Enter the Personalization menu by following the instructions listed previously.
2. Scroll to KEY IN RECALL MEMORY and touch the ON or OFF screen button as desired.

If KEY IN RECALL MEMORY is turned on, this will also turn off REMOTE RECALL MEMORY if it is not already turned off.

The mode you selected is now set. You can either exit the programming mode by following the instructions later in this section or program the next feature available on your vehicle.

## Auto Exit Seat

If your vehicle has the optional memory package, you will have this feature. When this feature is turned on, you can recall any previously programmed exit position for the driver's seat when the key is removed from the ignition and the driver's door is opened.

The following modes are available for selection:

**Mode 1:** ON

**Mode 2:** OFF

Before your vehicle was shipped from the factory, it was programmed to Mode 2. The mode to which the vehicle was programmed may have been changed since it left the factory. To program the vehicle to a different mode, do the following:

1. Enter the Personalization menu by following the instructions listed previously.
2. Scroll to AUTO EXIT SEAT and touch the ON or OFF screen button as desired.

The mode you selected is now set. You can either exit the programming mode by following the instructions later in this section or program the next feature available on your vehicle.

## Twilight Delay

This feature allows you to set the amount of time you want the exterior lamps to remain on after you exit the vehicle.

The following modes are available for selection:

**Mode 1:** 0:00 seconds

**Mode 2:** 0:15 seconds

**Mode 3:** 0:30 seconds

**Mode 4:** 1:00 minute

**Mode 5:** 1:30 minutes

**Mode 6:** 2:00 minutes

**Mode 7:** 2:30 minutes

**Mode 8:** 3:00 minutes

Before your vehicle was shipped from the factory, it was programmed to Mode 1. The mode to which the vehicle was programmed may have been changed since the vehicle left the factory. To determine the mode to which the vehicle is programmed or to program the vehicle to a different mode, do the following:

1. Enter the Personalization menu by following the instructions listed previously.
2. Scroll to TWILIGHT DELAY and touch the ADJUST screen button.
3. A new screen will appear with the available delay settings. Use the screen buttons to adjust the selected delay.
4. When you are done entering the delay, touch the RETURN screen button.

The mode you selected is now set. You can either exit the programming mode by following the instructions later in this section or program the next feature available on your vehicle.

## Lights Flash at Unlock

This feature turns on the exterior lamps when the remote keyless entry transmitter is used to unlock the vehicle. The lamps will remain on for approximately 20 seconds unless a door is opened, the ignition is turned to ACCESSORY, ON, or START or the remote keyless entry transmitter is used to lock the vehicle.

The following modes are available for selection:

### Mode 1: ON

### Mode 2: OFF

Before your vehicle was shipped from the factory, it was programmed to Mode 1. The mode to which the vehicle was programmed may have been changed since it left the factory. To program the vehicle to a different mode, do the following:

1. Enter the Personalization menu by following the instructions listed previously.
2. Scroll to LIGHTS FLASH AT UNLOCK and touch the ON or OFF screen button as desired.

The mode you selected is now set. You can either exit the programming mode by following the instructions later in this section or program the next feature available on your vehicle.

## Lights Flash at Lock

This feature allows the exterior lamps to flash once when the remote keyless entry 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.

The following modes are available for selection:

**Mode 1:** ON

**Mode 2:** OFF

Before your vehicle was shipped from the factory, it was programmed to Mode 1. The mode to which the vehicle was programmed may have been changed since it left the factory. To program the vehicle to a different mode, do the following:

1. Enter the Personalization menu by following the instructions listed previously.
2. Scroll to LIGHTS FLASH AT LOCK and touch the ON or OFF screen button as desired.

You can select this feature by itself, or you can combine it with Horn Sounds At Lock so that both the lights flash and the horn chirps when you lock your vehicle.

The mode you selected is now set. You can either exit the programming mode by following the instructions later in this section or program the next feature available on your vehicle.

## Horn Sounds at Lock

This feature sounds the horn once when the remote keyless entry transmitter is used to lock the vehicle. All doors must be closed for this feature to work.

The following modes are available for selection:

**Mode 1:** ON

**Mode 2:** OFF

Before your vehicle was shipped from the factory, it was programmed to Mode 2. The mode to which the vehicle was programmed may have been changed since it left the factory. To program the vehicle to a different mode, do the following:

1. Enter the Personalization menu by following the instructions listed previously.
2. Scroll to HORN SOUNDS AT LOCK and touch the ON or OFF screen button as desired.

If you select this feature to be on, Lights Flash At Lock will also be on. You can choose Lights Flash At Lock by itself, but Horn Sounds At Lock will always have Lights Flash At Lock enabled when it is selected.

The mode you selected is now set. You can either exit the programming mode by following the instructions later in this section or program the next feature available on your vehicle.

## Exterior Lights at Unlock

This feature turns on the exterior lamps when the remote keyless entry 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 ACCESSORY, ON or START or the remote keyless entry transmitter is used to lock the vehicle.

The following modes are available for selection:

**Mode 1:** ON

**Mode 2:** OFF

Before your vehicle was shipped from the factory, it was programmed to Mode 1. The mode to which the vehicle was programmed may have been changed since it left the factory. To program the vehicle to a different mode, do the following:

1. Enter the Personalization menu by following the instructions listed previously.
2. Scroll to EXT LIGHTS AT UNLOCK and touch the ON or OFF screen button as desired.

The mode you selected is now set. You can either exit the programming mode by following the instructions later in this section or program the next feature available on your vehicle.

## Driver Unlock in Park

The feature allows the driver's door to automatically unlock when the transmission is shifted into PARK (P).

The following modes are available for selection:

**Mode 1:** ON

**Mode 2:** OFF

Before your vehicle was shipped from the factory, it was programmed to Mode 2. The mode to which the vehicle was programmed may have been changed since it left the factory. To program the vehicle to a different mode, do the following:

1. Enter the Personalization menu by following the instructions listed previously.
2. Scroll to DRIVER UNLOCK IN PARK and touch the ON or OFF screen button as desired.

If DRIVER UNLOCK IN PARK is turned on, this will also turn off DRIVER UNLOCK KEY OUT, DOORS UNLOCK IN PARK and DOORS UNLOCK KEY OUT if they are not already turned off.

The mode you selected is now set. You can either exit the programming mode by following the instructions later in this section or program the next feature available on your vehicle.

## Driver Unlock Key Out

This feature allows the driver's door to automatically unlock when the key is removed from the ignition.

The following modes are available for selection:

**Mode 1:** ON

**Mode 2:** OFF

Before your vehicle was shipped from the factory, it was programmed to Mode 2. The mode to which the vehicle was programmed may have been changed since it left the factory. To program the vehicle to a different mode, do the following:

1. Enter the Personalization menu by following the instructions listed previously.
2. Scroll to DRIVER UNLOCK KEY OUT and touch the ON or OFF screen button as desired.

If DRIVER UNLOCK KEY OUT is turned on, this will also turn off DRIVER UNLOCK IN PARK, DOORS UNLOCK IN PARK and DOORS UNLOCK KEY OUT if they are not already turned off.

The mode you selected is now set. You can either exit the programming mode by following the instructions later in this section or program the next feature available on your vehicle.

## Doors Unlock in Park

The feature allows the doors to automatically unlock when the transmission is shifted into PARK (P).

The following modes are available for selection:

**Mode 1:** ON

**Mode 2:** OFF

Before your vehicle was shipped from the factory, it was programmed to Mode 2. The mode to which the vehicle was programmed may have been changed since it left the factory. To program the vehicle to a different mode, do the following:

1. Enter the Personalization menu by following the instructions listed previously.
2. Scroll to DOORS UNLOCK IN PARK and touch the ON or OFF screen button as desired.

If DOORS UNLOCK IN PARK is turned on, this will also turn off DRIVER UNLOCK IN PARK, DRIVER UNLOCK KEY OUT and DOORS UNLOCK KEY OUT if they are not already turned off.

The mode you selected is now set. You can either exit the programming mode by following the instructions later in this section or program the next feature available on your vehicle.

## Doors Unlock Key Out

This feature allows the doors to automatically unlock when the key is removed from the ignition.

The following modes are available for selection:

**Mode 1:** ON

**Mode 2:** OFF

Before your vehicle was shipped from the factory, it was programmed to Mode 2. The mode to which the vehicle was programmed may have been changed since it left the factory. To program the vehicle to a different mode, do the following:

1. Enter the Personalization menu by following the instructions listed previously.
2. Scroll to DOORS UNLOCK KEY OUT and touch the ON or OFF screen button as desired.

If DOORS UNLOCK KEY OUT is turned on, this will also turn off DRIVER UNLOCK IN PARK, DRIVER UNLOCK KEY OUT and DOORS UNLOCK IN PARK if they are not already turned off.

The mode you selected is now set. You can either exit the programming mode by following the instructions later in this section or program the next feature available on your vehicle.

## Delayed Locking

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 remote keyless entry transmitter is pressed. The five second delay occurs after the last door is closed.

The following modes are available for selection:

**Mode 1:** ON

**Mode 2:** OFF

Before your vehicle was shipped from the factory, it was programmed to Mode 1. The mode to which the vehicle was programmed may have been changed since it left the factory. To program the vehicle to a different mode, do the following:

1. Enter the Personalization menu by following the instructions listed previously.
2. Scroll to DELAYED LOCKING and touch the ON or OFF screen button next to it as desired.

The mode you selected is now set. You can either exit the programming mode by following the instructions later in this section or program the next feature available on your vehicle.

## Lock Passenger Window

This feature allows you to disable either all the passenger window switches or the rear passenger window switches only. If this feature is turned on, all passenger window switches will be disabled when the window lockout button is pressed. If the feature is off, only the rear passenger window switches will be disabled.

The following modes are available for selection:

**Mode 1:** ON

**Mode 2:** OFF

Before your vehicle was shipped from the factory, it was programmed to Mode 2. The mode to which the vehicle was programmed may have been changed since it left the factory. To program the vehicle to a different mode, do the following:

1. Enter the Personalization menu by following the instructions listed previously.
2. Scroll to LOCK PASS WINDOW and touch the ON or OFF screen button as desired.

The mode you selected is now set. You can either exit the programming mode by following the instructions later in this section or program the next feature available on your vehicle.

## Mirror to Curb in Reverse

If your vehicle has the optional memory package, you will have this feature. When this feature is turned on, the passenger's outside rearview mirror will move downward so you can view the curb when the shift lever is shifted into REVERSE (R). The mirror will return to the last known driving position when the shift lever is moved out of REVERSE (R).

The following modes are available for selection:

**Mode 1:** ON

**Mode 2:** OFF

Before your vehicle was shipped from the factory, it was programmed to Mode 2. The mode to which the vehicle was programmed may have been changed since it left the factory. To program the vehicle to a different mode, do the following:

1. Enter the Personalization menu by following the instructions listed previously.
2. Scroll to MIRROR TO CURB IN REVERSE and touch the ON or OFF screen button as desired.

The mode you selected is now set. You can either exit the programming mode by following the instructions later in this section or program the next feature available on your vehicle.

## Enhanced Chime Volume

This feature allows you to adjust the volume level of the vehicle's warning chimes. The chime volume cannot be turned off, only adjusted.

The following modes are available for selection:

**Mode 1:** NORMAL

**Mode 2:** LOUD

Before your vehicle was shipped from the factory, it was programmed to Mode 1. The mode to which the vehicle was programmed may have been changed since it left the factory. To program the vehicle to a different mode, do the following:

1. Enter the Personalization menu by following the instructions listed previously.
2. Scroll to **ENHANCE CHIME VOLUME** and touch the **ON** or **OFF** screen button as desired.

The mode you selected is now set. You can either exit the programming mode by following the instructions later in this section or program the next feature available on your vehicle.

## Exiting the Personalization Menu

Once you have finished making your selections, you may exit Feature Programming by pressing any of the hard keys located next to the navigation screen.

## Driver Information Center (DIC)

The Driver Information Center (DIC) gives you the status of many of your vehicle's systems. It is also used to display driver personalization features and warning/status messages. All messages will appear on the navigation system screen.

## System Controls

To operate the DIC, briefly touch the blue vehicle information screen button in the upper right corner of the screen. Each touch of this screen button will scroll to the next available vehicle information item.

The Vehicle Information menu allows you to select the vehicle information to be displayed and allows you to reset or turn on or off certain information. You can access the Vehicle Information menu by doing one of the following:

- Touch and hold the vehicle information screen button in the upper right corner of the screen for three seconds.
- Press the Audio/Adjust hard key to the left of the screen to bring up the Main Audio menu and then touch the vehicle information screen button on the Main Audio menu.

The icons for this key and screen button look like the following:

 **(Audio/Adjust):** This is the audio/adjust hard key.

 **(Vehicle Information):** This is the vehicle information screen button.

## Status of Vehicle Systems

You can view the status of several vehicle systems using the DIC.

### Vehicle Information Menu

To access the Vehicle Info menu, see “System Controls” listed previously.

The following menu will appear when Vehicle Info is selected. The tire pressure menu items are only available if your vehicle has the Tire Pressure Monitor (TPM) System:

- Clock/Outside Air Temp
- Trip Odometer A\*
- Trip Odometer B\*
- Fuel Range
- Average Fuel Economy\*
- Instantaneous Fuel Economy
- Fuel Used\*
- Average Vehicle Speed\*
- Timer\*
- Battery Voltage

- Left Front Tire Pressure
- Left Rear Tire Pressure
- Right Front Tire Pressure
- Right Rear Tire Pressure
- Engine Oil Life\*
- Transmission Fluid Life\*

\*These items can be reset. Each one must be reset individually. For a detailed description of the menu items and how to reset them, see “Vehicle Information Menu Item Descriptions” following.

You can view any of these menu items at any time by touching the screen button next to the item. The currently selected item is displayed at the top of the screen. Only one item can be displayed at a time.

## Vehicle Information Menu Item Descriptions

The following is a detailed description of each Vehicle Information menu item:

**Clock/Outside Air Temp:** If you select this item, the clock and outside temperature will be displayed at the top of the screen. The outside temperature will be displayed in either degrees Fahrenheit or degrees Celsius depending upon whether the system is set for English or metric units.

**Trip Odometer A and B:** The trip odometer can record the number of miles or kilometers traveled for up to two trips.

1. Press and hold the vehicle information button in the upper right corner of the screen for three seconds to access the Vehicle Information menu.
2. Use the up and down arrows on the screen to bring TRIP A or TRIP B into view. Then press the button next to the trip you wish to be viewed.

The selected trip odometer (A or B) will be displayed at the top of the screen with the accumulated mileage.

3. Press the RETURN button to return to the previous page.
4. Repeat the steps to view the other trip odometer.

**Fuel Range:** If you select this item, the approximate number of remaining miles or kilometers you can drive without refueling is displayed. This estimate is based on the current driving conditions and will change if the driving conditions change. For example, if you are driving in traffic making frequent stops, the display may read one number, but if you enter the freeway, the number may change even though you still have the same amount of gas in the gas tank. This is because different driving conditions produce different fuel economies. Generally, freeway driving produces better fuel economy than city driving.

If your vehicle is low on fuel, the Fuel Level Low message will be displayed. See “Fuel Level Low” under “DIC Warnings and Messages” later in this section.

**Average Fuel Economy:** If you select this item, the approximate average miles per gallon (mpg) or Liters per 100 kilometers (L/100km) is displayed. This number is calculated based on the number of mpg (L/100km) recorded since the last time this menu item was reset.

To reset the Average Fuel Economy, touch and hold the vehicle information screen button to bring up the Vehicle Information menu. Use the up and down arrows on the screen to select Average Fuel Economy and then touch the RESET screen button. Touch the RETURN screen button to go back to the previous page.

**Instantaneous Fuel Economy:** If you select this item, the current fuel economy is displayed. This number reflects only the fuel economy that the vehicle has right now and will change frequently as driving conditions change. Unlike average fuel economy, this menu item cannot be reset.

**Fuel Used:** If you select this item, the number of gallons or liters of fuel used since the last reset of this menu item is displayed.

To reset the Fuel Used, touch and hold the vehicle information screen button to bring up the Vehicle Information menu. Use the up and down arrows on the screen to select Fuel Used and then touch the RESET screen button. Touch the RETURN screen button to go back to the previous page.

**Average Vehicle Speed:** If you select this item, the average speed of the vehicle is displayed in miles per hour (mph) or kilometers per hour (km/h). This average is calculated based on the various vehicle speeds recorded since the last reset of this menu item.

To reset the Average Vehicle Speed, touch and hold the vehicle information screen button to bring up the Vehicle Information menu. Use the up and down arrows on the screen to select Average Vehicle Speed and then touch the RESET screen button. Touch the RETURN screen button to go back to the previous page.

**Timer:** If you select this item, a timing feature is displayed. The timer functions like a stopwatch in that you can record the time it takes to travel from one point to another.

To turn on the timer, touch and hold the vehicle information screen button to bring up the Vehicle Information menu. Use the up and down arrows on the screen to select Timer and then press the ON screen button. Touch the RETURN screen button to go back to the previous page.

To reset the timer, touch and hold the vehicle information screen button to bring up the Vehicle Information menu. Use the up and down arrows on the screen to select Timer and then touch the RESET screen button. Touch the RETURN screen button to go back to the previous page.

**Battery Voltage:** If you select this item, the current battery voltage is displayed. If the voltage is in the normal range, the display will have OK after it. For example, the display may read 13.2 Battery Volts OK.

If there is a problem with the battery charging system, there are four possible DIC messages that may be displayed. See “DIC Warnings and Messages” later in this section for more information.

**Left Front Tire Pressure:** If you select this item, the driver’s side front tire pressure will be displayed. If the tire pressure is low, LOW will be displayed with this item. The pressure can be displayed in PSI or KPA.

**Right Front Tire Pressure:** If you select this item, the passenger’s side front tire pressure will be displayed. If the tire pressure is low, LOW will be displayed with this item. The pressure can be displayed in PSI or KPA.

**Right Rear Tire Pressure:** If you select this item, the passenger’s side rear tire pressure will be displayed. If the tire pressure is low, LOW will be displayed with this item. The pressure can be displayed in PSI or KPA.

**Left Rear Tire Pressure:** If you select this item, the driver’s side rear tire pressure will be displayed. If the tire pressure is low, LOW will be displayed with this item. The pressure can be displayed in PSI or KPA.

**Engine Oil Life:** If you select this item, the percentage of remaining oil life is displayed. If you see 99% Oil Life on the display, that means that 99% of the current oil life remains.

When the oil life is depleted, the Change Engine Oil message will appear on the display. See your dealer for service. In addition to the Engine Oil Life System monitoring the oil life, additional maintenance is recommended. See “Engine Oil Life System” in and “Maintenance Schedule” in your vehicle’s owner manual.

Press the display button to acknowledge the Change Engine Oil message. This will clear the message from the display and reset it.

When you reset the Change Engine Oil message by clearing it from the display, you still must reset the engine oil life monitor separately.

To reset the oil life indicator, use the following steps:

1. Turn the ignition to ON with the engine running.
2. Turn the system on by pressing the PWR/VOL knob located to the lower left of the DIC display screen.
3. Press and hold the vehicle information display button located in the upper right of the screen for 3 seconds to enter the vehicle information menu.

4. Use the scroll up or down display keys to select Engine Oil Life.
5. Press and hold the RESET button on the display. The percentage will return to 100, and the oil life indicator will be reset. Repeat the steps if the percentage does not return to 100.
6. Press the RETURN button on the display to return to the main page.
7. Turn the key to OFF.

**Transmission Fluid Life:** If you select this item, the percentage of remaining transmission fluid life is displayed. If you see 99% Trans Fluid Life on the display, that means that 99% of the current transmission fluid life remains.

When the transmission fluid life is depleted, the Change Transmission Fluid message will appear on the display. You should change the transmission fluid as soon as possible within 200 miles (320 km). Be sure to keep a written record of the mileage and date of the fluid change so you will have it for future reference.

When you reset the Change Transmission Fluid message by clearing it from the display, you still must reset the transmission fluid life monitor separately.

To reset the transmission fluid life indicator, use the following steps:

1. Turn the vehicle on with the ignition in RUN.
2. Turn the Navigation system on by pressing the PWR/VOL knob.
3. Press and hold the vehicle information button in the upper right corner of the screen for three seconds. This will bring up the Vehicle Information menu.
4. Use the up and down arrows to scroll through the items until you get to Transmission Fluid Life.
5. Press and hold the RESET button on the screen until the Transmission Fluid Life is reset to 100 percent.

Repeat this procedure if the Transmission Fluid Life does not reset.

6. Press the RETURN button on the screen to return to the main screen.

## DIC Warnings and Messages

These messages will appear if there is a problem sensed in one of your vehicle's systems.

You must acknowledge a message to clear it from the screen for further use. To clear a message, touch the Ok screen button.

Be sure to take any message that appears on the screen seriously and remember that clearing the message will only make the message disappear, not the problem.

### Battery Saver Active

This message appears when the system detects that the battery voltage is dropping beyond a reasonable level. The battery saver system will start reducing certain features of the vehicle that you may not be able to notice. At the point that the features are disabled, this message is displayed. It means that the vehicle is trying to save the charge in the battery.

Turn off all unnecessary accessories to allow the battery to recharge.

The normal battery voltage range is 11.5 to 15.5 volts. You can monitor battery voltage on the DIC by selecting Battery Volts from the Vehicle Information menu.

## **Battery Voltage High**

This message indicates that the electrical charging system is overcharging the battery. When the system detects that the battery voltage is above approximately 16 volts, this message will be displayed.

To reduce the charging overload, use the vehicle's accessories. Turn on the exterior lamps and radio, set the climate control on AUTO and the fan speed on the highest setting, and turn the rear window defogger on.

The normal battery voltage range is 11.5 to 15.5 volts when the engine is running. You can monitor battery voltage on the DIC by selecting Battery Volts from the Vehicle Information menu.

## **Battery Voltage Low**

This message will appear when the electrical system is charging less than 10 volts or if the battery has been drained.

If this message appears immediately after starting the engine, it is possible that the generator can still recharge the battery. The battery should recharge while driving but may take a few hours to do so. Consider using an auxiliary charger to boost the battery after returning home or to a final destination. Be sure to follow the manufacturer's instructions.

If this message appears while driving or after starting your vehicle and stays on, have it checked immediately to determine the cause of this problem.

To help the generator recharge the battery quickly, you can reduce the load on the electrical system by turning off the accessories.

The normal battery voltage range is 11.5 to 15.5 volts. You can monitor battery voltage on the DIC by selecting Battery Volts from the Vehicle Information menu.

## **Check Tire Pressure**

This message indicates that one or more of the vehicle's tires are low. See "Inflation — Tire Pressure" in your vehicle's owner manual for information on checking your vehicle's tire pressures.

## **Check Oil Level**

This message indicates that the oil level is low. See "Engine Oil" in your vehicle's owner manual for more information on checking you engine oil.

## Change Engine Oil

When this message comes on, it means that service is required for your vehicle. See your dealer. See “Engine Oil” and “Maintenance Schedule” in your vehicle’s owner manual for more information.

When you reset the Change Engine Oil message by clearing it from the display, you still must reset the engine oil life monitor separately. For more information on resetting the engine oil life monitor, see “Vehicle Information Menu Item Descriptions” earlier in this section.

## Change Trans (Transmission) Fluid

This message indicates that the life of the transmission fluid has expired and it should be changed within 200 miles. See “Automatic Transmission Fluid” and “Maintenance Schedule” in your vehicle’s owner manual for the proper fluid and change intervals.

When you reset the Change Trans Fluid message by clearing it from the display, you still must reset the transmission fluid life monitor separately. For more information on resetting the transmission fluid life monitor, see “Vehicle Information Menu Item Descriptions” earlier in this section.

## Check Brake Fluid

This message will display if the ignition is in ON to inform the driver that the brake fluid level is low. Have the brake system serviced by your dealer as soon as possible. See “Brakes” in your vehicle’s owner manual for more information.

## Check Coolant Level

This message will appear when there is a low level of engine coolant. Have the cooling system serviced by your dealer as soon as possible. See “Engine Coolant” in your vehicle’s owner manual for more information.

**Notice:** If your engine catches fire because you keep driving with no coolant, your vehicle can be badly damaged. The costly repairs would not be covered by your warranty. See “Overheated Engine Protection Mode” in your vehicle’s owner manual for information on driving to a safe place in an emergency.

## Check Gas Cap

When this message appears on the display, the gas cap has not been fully tightened. You should recheck the gas cap to ensure that it’s on and tightened properly. See “Malfunction Indicator Lamp” in your vehicle’s owner manual for more information.

## Check Washer Fluid

When this message appears on the display, it means that your vehicle is low on windshield washer fluid. You should refill the tank as soon as possible. See “Windshield Washer Fluid” in your vehicle’s owner manual for more information.

## Driver Door Ajar

When this message appears on the display, it means that the driver’s door was not closed completely. You should make sure that the driver’s door is closed completely.

## Engine Coolant Hot – Idle Engine

This message will appear when the engine coolant temperature is too hot. Stop and allow the vehicle to idle until it cools down. See “Engine Overheating” in your vehicle’s owner manual.

**Notice:** If you drive your vehicle while the engine is overheating, severe engine damage may occur. If an overheat warning appears on the instrument panel cluster and/or DIC, stop the vehicle as soon as possible. Do not increase the engine speed above normal idling speed. See “Engine Overheating” in your vehicle’s owner manual for more information.

## Engine Coolant Hot – AC (Air Conditioning) Off

This message displays when the engine coolant becomes hotter than the normal operating temperature. To avoid added strain on a hot engine, the air conditioning compressor is automatically turned off. When the coolant temperature returns to normal, the air conditioning compressor will turn back on. You can continue to drive your vehicle.

If this message continues to appear, have the system repaired as soon as possible to avoid compressor damage.

## Engine Overheated – Stop Engine

This message will appear when the engine has overheated. Stop the vehicle and turn the engine off immediately to avoid severe engine damage. A chime will also sound when this message is displayed. See “Engine Overheating” in your vehicle’s owner manual.

**Notice:** If you drive your vehicle while the engine is overheating, severe engine damage may occur. If an overheat warning appears on the instrument panel cluster and/or DIC, stop the vehicle as soon as possible. Do not increase the engine speed above normal idling speed. See “Engine Overheating” in your vehicle’s owner manual for more information.

## Engine Power Reduced

This message informs you that the vehicle is reducing engine power because the transmission is being placed in gear under conditions that may cause damage to the vehicle's engine or transmission. This also can affect the vehicle's ability to accelerate.

## Fuel Level Low

When this message appears on the display, it means that your vehicle is low on fuel. You should refill the tank as soon as possible. A single chime will sound when this message is displayed.

## Headlamps Suggested

This message will appear when the amount of available light outside the vehicle is low and the exterior lamp control is off. This message informs the driver that turning on the exterior lamps is recommended even though the DRL are still illuminated and it has become dark enough outside to require the headlamps and/or other exterior lamps.

This message will also appear when the windshield wipers have been on for more than six seconds and the exterior lamp control is off or in the parking lamp position.

## Ice Possible

This message appears when the outside temperature is cold enough to create icy road conditions.

## Left Rear Door Ajar

When this message appears on the display, it means that the driver's side rear door was not closed completely. You should make sure that the door is closed completely.

## Lift Gate Ajar

When this message appears on the display, it means that the liftgate was not closed completely. You should make sure that the liftgate is closed completely.

## Oil Pressure Low – Stop Engine

A multiple chime will sound when this message is displayed. See "Engine Oil" in your vehicle's owner manual.

**Notice:** If you drive your vehicle while the engine oil pressure is low, severe engine damage may occur. If a low oil pressure warning appears on the instrument panel cluster and/or DIC, stop the vehicle as soon as possible. Do not drive the vehicle until the cause of the low oil pressure is corrected. See "Engine Oil" in your vehicle's owner manual for more information.

## **Passenger Door Ajar**

When this message appears on the display, it means that the passenger's side front door was not closed completely. You should make sure that the door is closed completely.

## **Personalization Off/Driver Identification**

When this message appears, the personalization features previously stored are turned off. If you want your customized settings to be automatically recalled when you use the remote keyless entry transmitter or when you remove the key from the ignition, you must enable them in the DIC. See *Personalization on page 5-2* for more information.

This message is also used to identify the driver (1, 2 or 3) on the navigation system.

## **Right Rear Door Ajar**

When this message appears on the display, it means that the passenger's side rear door was not closed completely. You should check to make sure that the door is closed completely.

## **Service AC (Air Conditioning) System**

This message appears when the electronic sensors that control the air conditioning and heating systems are no longer working. Have the climate control system serviced by your dealer if you notice a drop in heating and air conditioning efficiency.

## **Service Air Bag**

There is a problem with the air bag system when this message appears. Have your vehicle serviced at your dealer immediately. See "Airbag System" in your vehicle's owner manual for more information.

## **Service Charging System**

This message will display when a problem with the charging system has been detected. Have your vehicle serviced at your dealer.

## **Service Electrical System**

This message will display if an electrical problem has occurred within the Powertrain Control Module (PCM) or the ignition switch. Have your vehicle serviced at your dealer.

## Service Fuel System

The Powertrain Control Module (PCM) has detected a problem within the fuel system when this message appears. Have your vehicle serviced at your dealer.

## Service Idle Control

A problem with the idle control has occurred when this message displays. Have your vehicle serviced at your dealer.

## Service Stability System Message

Your vehicle is equipped with a vehicle stability enhancement system called Stabilitrak®.

See “Stabilitrak® System” in your vehicle’s owner manual. The Service Stability System message will be displayed if there has been a problem detected with Stabilitrak®.

If the Service Stability System message comes on while you are driving, pull off the road as soon as possible and stop carefully. Try resetting the system by turning the ignition off then back on. If the Service Stability System message still stays on or comes back on again while you are driving, your vehicle needs service. Have the Stabilitrak® System inspected at your dealer as soon as possible.

## Stability System Engaged Message

The Stability System Engaged message will be displayed any time Stabilitrak® is actively assisting you with directional control of the vehicle. Slippery road conditions may exist when this message is displayed, so adjust your driving accordingly. This message may stay on for a few seconds after Stabilitrak® stops assisting you with directional control of the vehicle. See “Stabilitrak® System” in your vehicle’s owner manual for more information.

## Stability System Off Message

The Stability System Off message will be displayed any time you turn off Stabilitrak® using the TC (traction control) on/off button. See “Traction Control System (TCS)” in your vehicle’s owner manual for more information. When this message has been displayed, Stabilitrak® is no longer available to assist you with directional control of the vehicle. Adjust your driving accordingly.

## **Stability System Ready Message**

The Stability System Ready message will be displayed any time you turn Stabilitrak<sup>®</sup> on again using the TC (traction control) on/off button. See “Traction Control System (TCS)” in your vehicle’s owner manual for more information. When this message has been displayed, Stabilitrak<sup>®</sup> is ready to assist you with directional control of the vehicle if needed.

## **Service Steering System**

Your vehicle may be equipped with a speed variable assist steering system. See “Steering” in your vehicle’s owner manual.

The Service Steering System message will be displayed if a problem is detected with the speed variable assist steering system. When this message is displayed, you may notice that the effort required to steer the vehicle increases or feels “heavier,” but you will still be able to steer the vehicle.

## **Service Suspension System**

This message is displayed to indicate that the suspension system is not operating properly. Have your vehicle serviced at your dealer.

## **Service Theft System**

This message means there is a problem with the Immobilizer. See “Immobilizer” in your vehicle’s owner manual for more information. A fault has been detected in the system which means that the system is disabled and is not protecting the vehicle. The vehicle usually restarts, however, you may want to take your vehicle to your dealer before turning off the engine.

## **Service Tire Monitor System**

This message will appear if the Tire Pressure Monitor (TPM) system is not working properly. Have your vehicle serviced at your dealer as soon as possible. See “Tire Pressure Monitor System” in your vehicle’s owner manual for more information.

## **Service Transmission**

There is a problem with the transmission of your vehicle. Have your vehicle serviced at your dealer.

## **Service Vehicle Soon**

This message is displayed when a non-emissions related powertrain malfunction occurs. Have your vehicle serviced at your dealer as soon as possible.

## **Speed Limited to XXX**

This message indicates that your vehicle speed is limited to XXX (mph in English mode and km/h in Metric mode) because the vehicle detects a problem in the suspension system. Have your vehicle serviced at your dealer.

## **Starting Disabled – Remove Key**

This message will appear when the vehicle theft-deterrent system detects that an improper ignition key is being used to try to start the vehicle. Check the ignition key for damage. If it is damaged, it may need to be replaced. If it is not damaged, remove the key and try to start the vehicle again. If it still does not start, try another ignition key or have your vehicle serviced at your dealer.

## **Starting Disabled – Throttle Problem**

This message appears when your vehicle's throttle system is not functioning properly. Have your vehicle serviced at your dealer.

## **Theft Attempted**

This message is displayed if the content theft-deterrent system has detected a break-in attempt while you were away from your vehicle.

## **Top Speed – Fuel Cut Off**

This message will appear when the Engine Control Module (ECM) detects that the maximum speed for your vehicle has been reached. Your vehicle's top speed is based on the top speed rating of the tires. This ensures that your vehicle stays in a safe operating range for the tires.

## **Traction Engaged**

This message will appear when the traction control system is actively limiting wheel spin. Slippery road conditions may exist if this message is displayed, so adjust your driving accordingly. The message will stay on for a few seconds after the traction control system stops limiting wheel spin. See "Traction Control System (TCS)" in your vehicle's owner manual for more information.

## **Traction Suspended**

This message will appear when the traction control system has been temporarily shut off because your vehicle's brakes have overheated. This message does not indicate a problem with your vehicle's traction control system. See "Traction Control System (TCS)" in your vehicle's owner manual for more information.

## **Trans (Transmission) Hot – Idle Engine**

This message indicates that the transmission fluid in your vehicle is too hot. Stop the vehicle and allow it to idle until the transmission cools down or until this message is removed.

## **Turn Signal On**

If you drive your vehicle for more than about 1 mile (1.6 km) with a turn signal on, this message will appear as a reminder to turn off the turn signal. A multiple chime will sound when this message is displayed.



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