

2005 Pontiac Vibe Navigation System

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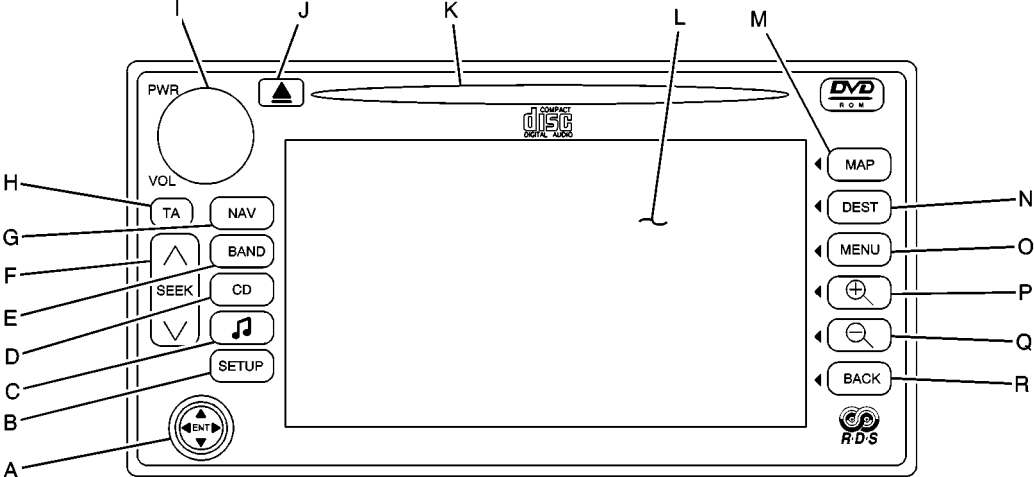
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Section 1 Overview

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Overview

Navigation System Overview



- A. Navigation Joystick. See *Using the Navigation System on page 2-2.*
- B. SETUP Key. See *Setup Menu on page 2-4.*
- C. Audio Key. See "Audio Screen" under *Navigation Audio System on page 3-2.*
- D. CD Key. See "Playing a CD" under *Navigation Audio System on page 3-2.*
- E. BAND Key. See "Playing the Radio" under *Navigation Audio System on page 3-2.*
- F. SEEK Key. See "Finding a Station" under *Navigation Audio System on page 3-2.*
- G. NAV Key. See "Hard Keys" under *Using the Navigation System on page 2-2.*
- H. TA Key. See "Radio Data Systems (RDS)" under *Navigation Audio System on page 3-2.*
- I. Power/Volume Knob. See "Hard Keys" under *Using the Navigation System on page 2-2.*
- J. DVD/CD Eject Key. See "Hard Keys" under *Using the Navigation System on page 2-2.*
- K. DVD/CD Loading Slot
- L. Navigation System Screen
- M. MAP Key. See "Hard Keys" under *Using the Navigation System on page 2-2.*
- N. DEST Key. See "Hard Keys" under *Using the Navigation System on page 2-2.*
- O. MENU Key. See "Hard Keys" under *Using the Navigation System on page 2-2.*
- P. Zoom In Key. See "Hard Keys" under *Using the Navigation System on page 2-2.*
- Q. Zoom Out Key. See "Hard Keys" under *Using the Navigation System on page 2-2.*
- R. BACK 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.
- 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, calendar, or other options, see *Setup Menu on page 2-4*.
- To adjust English/metric measurements, see “Setup” under *Navigation Menu on page 2-10*.
- To adjust the volume of voice guidance prompts, see “Volume” under *Navigation Menu on page 2-10*.

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.

The main navigation menu displays a number of options which offer information on a variety of topics. See *Navigation Menu on page 2-10* for more information.

Use the keys located on each side of the navigation screen and the joystick located on the bottom left corner of the navigation system, to operate the system. See *Navigation System Overview on page 1-2* for more information on location.

Use the joystick to make selections in the system. Move the joystick left, right, up, down, or diagonally on the screen. Press the center of the joystick to enter a selection.

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

Hard Keys

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

Power/Volume Knob: Press the PWR knob to turn the audio and navigation systems on and off. Turn the knob to increase or decrease the volume to the audio system.

TA (Traffic Interrupt): Press the TA key to seek to the next radio station capable of broadcasting traffic announcements. See “Radio Data Systems (RDS)” under *Navigation Audio System on page 3-2*.

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

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

- North or Heading up symbol
- Time
- Map scale

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

- Number of miles/kilometers between current vehicle position and the destination
- Estimated travel time to the destination
- Highlighted route or turn-by-turn instructions

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

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

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

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

🎵: Press the audio key to access the Audio menu. See “Audio Screen” under *Navigation Audio System on page 3-2*.


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


The system also has the following reconfigurable soft keys located to the right of the navigation screen. They have hard key labels for easier understanding while in navigation mode. The six keys can change functions for different modes of the system.

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

DEST (Destination): Press the DEST key to access the Destination menu. See *Destination on page 2-17*.

MENU: Press the MENU key to display the main navigation menu. See *Navigation Menu on page 2-10*.

 **(Zoom In)**: Press the zoom in key to get a closer look at a smaller section of the map you are traveling on.

 **(Zoom Out)**: Press the zoom out key to see a larger scale of the map you are traveling on. You can also view your highlighted route.

BACK: Press the BACK key to return to the previous screen.

Alpha-Numeric Keypad

Letters of the alphabet, symbols, punctuation, and numbers, when available to you, will be displayed on the navigation screen as an alpha or numeric keypad. The appropriate keypad will automatically be displayed whenever the system needs information from you. The alpha keypad will be displayed when the system needs you to input a street or city name. The numeric keypad will be displayed when the system needs you to input a phone number or house address.

To select a character, use the joystick to move across the keypad and press the center of the joystick to select it.

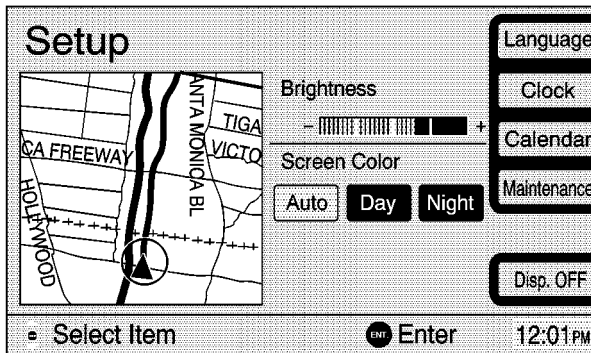
␣: Select the space symbol to enter a space between characters or the words of a name.

⬅: 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 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 2-27* for more information.

Setup Menu



The Setup menu allows you to adjust such things as screen color, appearance, and language of the display for the navigation system. Press the SETUP key located on the left side of the navigation screen to access the Setup menu.

Brightness

Use the joystick to raise or lower the brightness to the desired level. You will see the screen change as the brightness is adjusted.

Screen Color

When the headlamp switch is turned to off, the navigation screen will change to a lighter background for better viewing in the daytime. At night, the screen will go to a darker background. You can select Auto for automatic adjustment.

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

Language

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

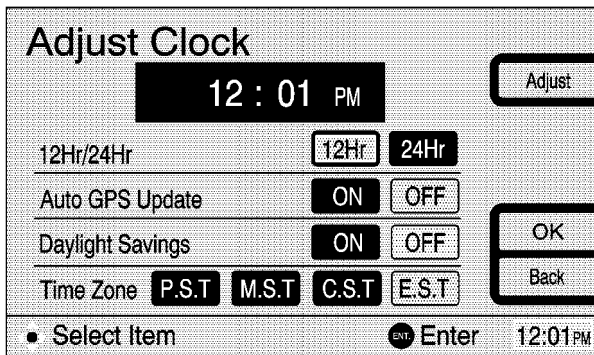
If you wish to change the language, the map DVD must be inserted. Then, do the following:

1. Press the Language key under the Setup menu. A caution will display.
2. Using the joystick, scroll to the desired language and press the joystick to select it.
3. Select I AGREE to change the display back to the map screen.

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

If you accidentally select a language you do not understand, eject the map DVD and insert it again. You will then be able to select a different language when the system restarts.

Clock



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

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

1. Press the Adjust key.
2. Use the joystick to increase or decrease the hours and minutes.
3. Press the center of the joystick when the desired time is reached.

12Hr/24Hr: This feature allows you to choose whether the time is displayed in standard or military time. Using the joystick, choose 12Hr for standard time or 24Hr for military time.

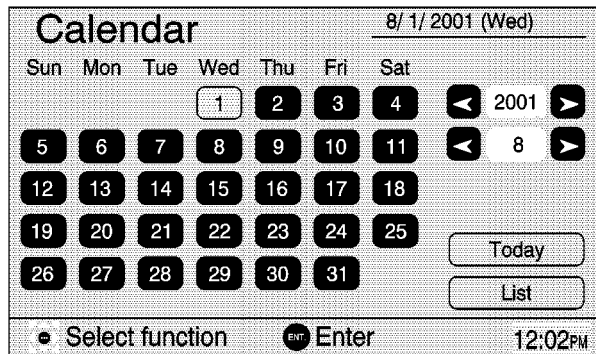
Auto GPS Update: With this feature on, the navigation system time will be set to match the current GPS time. The time will be updated with the GPS time when the ignition is turned on. Using the joystick, you may also choose to turn this feature off.

Daylight Savings: With this feature on, the navigation system will automatically adjust the time for Daylight Savings. Using the joystick, you may also choose to turn this feature off.

Time Zone: This feature allows you to choose from four different time zones: P.S.T. (Pacific), M.S.T. (Mountain), C.S.T. (Central), and E.S.T. (Eastern). Use the joystick to choose the desired zone, pressing the center of the joystick to select it.

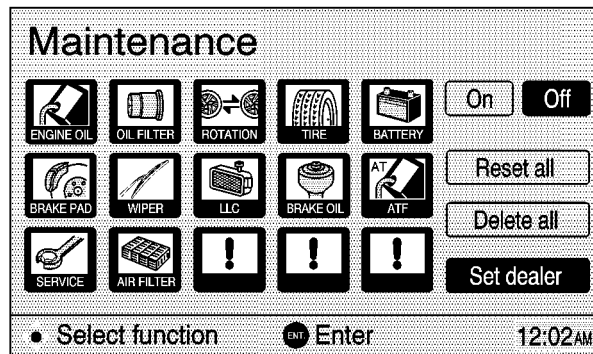
OK: You must press OK after making adjustments to any of the time options. This allows your changes to be saved and will return you to the Setup menu. If you hit the Back key without pressing OK, you will return to the Setup menu, but none of your changes will be saved.

Calendar



The calendar feature allows you to input memos or information for important dates. To access this feature, select the Calendar option from the Setup menu.

Maintenance Information



The maintenance feature informs you when to replace certain parts or components on your vehicle. When the vehicle has reached either the maintenance item's replacement date or the appropriate driving distance, the Information screen will be displayed. You can turn off the Information screen by selecting "Do not display this message again."

To access the maintenance feature, select the Maintenance option from the Setup menu. Select the desired maintenance item from the screen and input the maintenance date and driving distance until the next check.

You can also choose Set dealer from the Maintenance screen. Here you can register your dealer's name and address. When complete, the map location of the dealer will be displayed.

You can also edit your dealer's name, location, and phone number if you have already registered the dealer. After you select Set dealer from the Maintenance screen, the Edit dealer screen will appear. Select Change to edit dealer information. You may also select Delete dealer to delete the current dealer information.

Display Off

To turn the navigation screen off, press the Disp. OFF key. To turn the screen back on, press any hard key to the left of the navigation screen.

Maps

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

The maps are stored on a DVD-ROM. The 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. The map disc manual will be in your map DVD case when the vehicle is delivered from the factory.

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

1. Turn the ignition on.
2. If already loaded, eject the map DVD or audio CD from the slot.
3. Load the map DVD into the slot by inserting it partway. The system will pull it in.

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

- ENG (English)
- FR (French)

You can select the language at this time. See "Language" under *Setup Menu on page 2-4* for more information on choosing a language. Once a language has been selected, select I AGREE to plan a route. The map will appear showing your current vehicle position.

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.

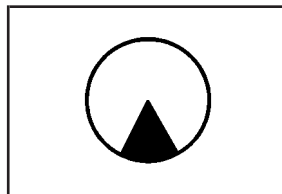
To view a smaller or larger scale of the map, press the zoom in or zoom out keys. See “Hard Keys” under *Using the Navigation System on page 2-2* for more information.

Map Scales

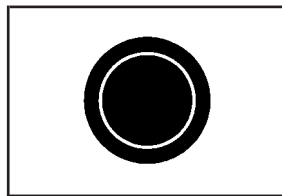
The scale of a map can range from 1/32 of a mile (0.05 km) to 128 miles (206 km).

Symbols

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



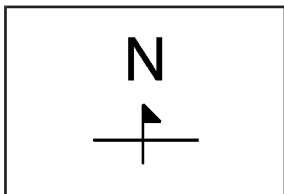
Your vehicle is shown as this symbol. It indicates the current position of your vehicle on the map.



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

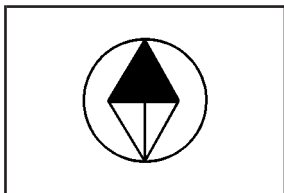
See “Destination” under *Navigation Menu on page 2-10* for information on planning a route.

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



This symbol indicates the map with North up.

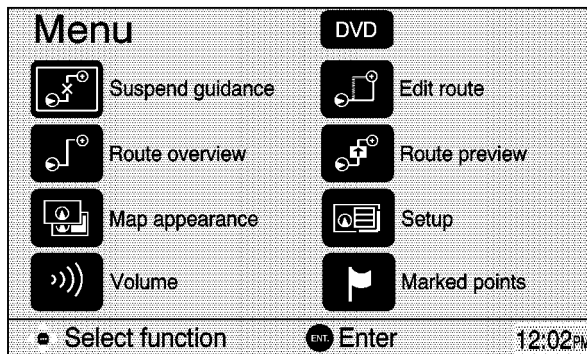
While in North up mode, North will always be at the top of the map screen, regardless of which direction the vehicle is traveling. See "Map Appearance" under *Navigation Menu on page 2-10* for more information.



This symbol indicates the map with the vehicle travel direction 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. See "Map Appearance" under *Navigation Menu on page 2-10* for more information.

Navigation Menu



The main navigation menu allows you to choose from a list of options and to use the available keys to make system adjustments and plan routes. Press the MENU key to access the main navigation menu.

You will be able to choose from the following list of items:

- Suspend guidance
- Route overview
- Map appearance
- Volume
- DVD (DVD Information)
- Edit route
- Route preview
- Setup
- Marked points

A detailed description of each item follows in this section.

Suspend Guidance

When this function is selected, guidance to all current and programmed destinations is suspended, but the current route will be retained in memory. You will no longer receive voice prompts for navigation. The map can still be viewed by pressing the MAP key. If you suspend guidance, the Resume guidance key will allow you to resume the current route.

Route Overview

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

Map Appearance

The Map appearance menu allows you to adjust the appearance of a map based on your preferences. This menu is divided into three sections: Map Orient (orientation), Guidance Mode, and Map Mode. The following are brief explanations of the options available in each section:

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

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

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

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

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

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

Single: This feature allows one map to be displayed.

Split screen: This feature allows two maps to be displayed, which can be independently adjusted in both scale and map orientation. When in Split screen mode, the right screen can be chosen to display Arrow or Turn list guidance modes.

For more information on the symbols that can appear on a map screen, see *Symbols on page 2-9*.

Volume

This system has voice guidance prompts that provide various messages as you approach points where you need to maneuver your vehicle, such as an intersection.

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

1. Select Volume from the main navigation menu.
2. Use the joystick to adjust the volume from 1 to 7.
3. Once you have reached the desired volume level, you can press the BACK key to return to the previous screen.

With Adaptive volume control, the volume of voice prompts will increase automatically once the vehicle exceeds 50 mph (80 km/hr). Select On to activate this feature.

If you do not need voice guidance, you may also choose to turn the prompts off.

DVD Information

Selecting DVD will display the information for the current navigation database disc.

Edit Route

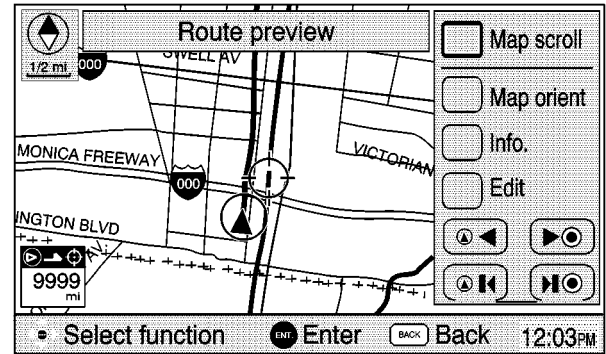
Edit route		
Condition	Destination	Set preferred road
<input type="checkbox"/> Search condition	<input type="checkbox"/> Add	<input type="checkbox"/> Add
<input type="checkbox"/> Route preference	<input type="checkbox"/> Reorder	<input type="checkbox"/> Relocate
	<input type="checkbox"/> Delete	<input type="checkbox"/> Delete
<input type="checkbox"/> Avoid season restrict	<input type="button" value="OK"/>	
<input type="button" value="Select function"/>	<input type="button" value="ENT Enter"/>	<input type="button" value="BACK Back"/> 12:05PM

This function allows you to recalculate a route based on your preferences. You can also add, reorder, or delete destinations and adjust road preference settings.

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

The Route Preference screen under the Edit route menu allows you to select your road preferences by setting which types of roads you wish to use and avoid.

Route Preview



Selecting Route preview from the main navigation menu displays the map screen with the route highlighted. The route is traced by the vehicle symbol as you travel. Using the arrows from the pop-up menu, you can preview the route from the starting position to the destination or from the destination to the starting position.

Setup

Selecting Setup from the main navigation menu displays the Setup menu. From this menu, several options may be selected, adjusted, or turned on and off using the joystick. The following are the available options with a brief explanation of each:

English/Metric: This feature switches distance measurements between standard or metric measurements. Choose Miles for standard measurements, or Km (kilometers) for metric measurements.

Notify Seasonal Restrict (restrictions): This feature can route you around seasonal restrictions, such as a closed road. Choose On to have your routes automatically calculated around seasonal restrictions, or Off to turn this feature off.

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

Enter Speed Change?: This feature allows you to adjust estimated speeds for Freeway, Main street, or Residential driving. These speed values are used to calculate estimated travel time. To change estimated speeds, touch Yes. The Change Speed menu will appear. Move the joystick up or down to highlight the road type you want to change. Then move the joystick to the right or left to increase or decrease the speed. The maximum allowable speed to set is 100 mph (161 km). You may also choose to set factory default speed settings as your choice. When your adjustments are complete, touch the BACK key to return to the Setup menu.

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

Voice Guide in All Mode: With this feature on, you will hear navigation voice prompts while in Audio and CD modes. You may also choose to turn off the voice prompts in those modes.

Current Street Name: With this feature on, the current street name will be displayed. You may also choose to turn this feature off.

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

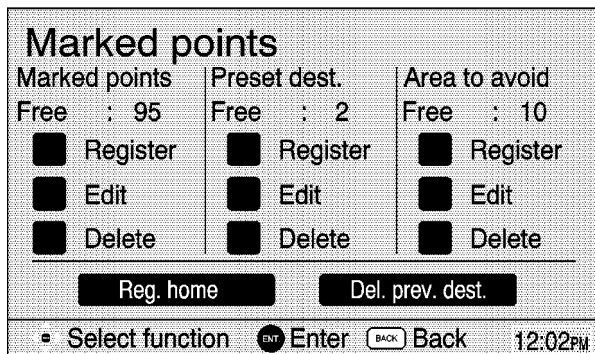
Map Color (Day): This feature allows you to adjust the daytime map appearance. Choose between Normal, Auto, 1, 2, 3, or 4. The numbered settings vary the color scheme of the map display. The Auto setting will change the map appearance automatically every three months. When the desired color setting has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

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

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

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

Marked Points



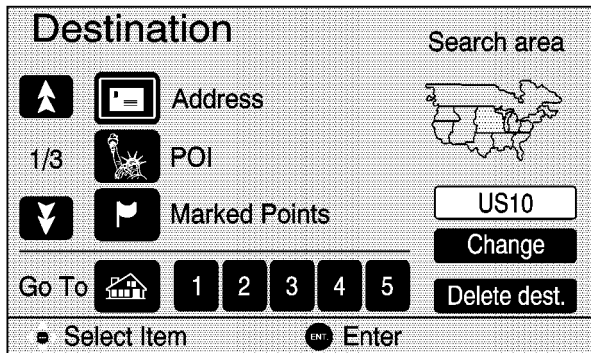
Selecting this function will display the Marked points menu. This menu contains options for registering, deleting, and editing marked points stored in memory, such as memory points, preset destinations, and areas to avoid.

Choosing to register a marked point will take you to the destination entry screen. The name, location, information, and icon for a marked point may be edited.

Five preset destinations, as well as one for home, are the only destination selections available from the Destination entry screen while the vehicle is moving. See *Destination on page 2-17* for more information on how to register marked points and preset destinations.

Up to 10 areas to avoid may also be registered from the Marked points menu. Areas to avoid include areas such as a high traffic area, construction area, or any main road or intersection you wish to avoid. When registering or editing an area to avoid, the size of the area may be increased or decreased by using the joystick.

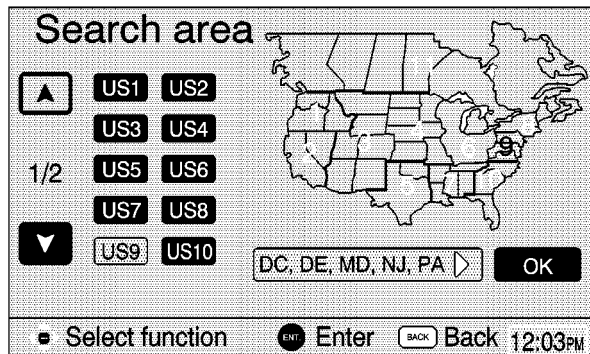
Destination



The Destination menu will give you several ways to plan a route by entering destination points. Press the DEST key to display the Destination menu. Using the joystick, you may also select the up or down arrows on the left side of the screen to view additional options on two other pages of the Destination menu.

The Destination menu allows you to select the area to be searched for your destination. Select Change on the screen to display the Search area screen. A map of the United States and a part of Canada divided into 11 regions will be shown. Before selecting a method of

destination entry, review the search area map on the right side of the Destination screen to make sure your destination is located in the highlighted region.



If you need to see a more detailed search area map with a list of states, or to change the search area, select Change. Use the joystick to highlight the number for the desired region, then press the center of the joystick to select it. You may also use the arrows on the right side of the destination to go to the second page of the Search area screen and choose Canada. The Destination menu screen will return automatically.

Once your destination entry is complete, regardless of which method of entry you used, a screen with route overview information will be displayed. See “Route Overview” later in this section for more information.

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

Address

The screenshot shows the 'Address' entry screen. It features a 'House No.' field with the placeholder text 'Input house number'. Below this is a 'Street' field containing the text 'All' and the zip code '88888'. A directional keypad is located in the center, with buttons for North (N), South (S), East (E), West (W), and a numeric keypad (0-9). To the right of the keypad are buttons for a left arrow, 'City', and 'OK'. At the bottom of the screen are buttons for 'Select Item', 'Enter', and 'Back'.

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

Enter the street name using the alpha keypad. See “Alpha-Numeric Keypad” under *Using the Navigation System on page 2-2* for more information. To include name extensions such as directions, use the N, S, E, and W keys on the left side of the screen. As information is entered, the system will automatically search for available names, and the List option will become available. Choose List to view name choices and select the desired street name, or continue to spell the street name to further reduce the number of available items.

Once the street name has been selected, enter the house number using the numeric keypad. The system will list the house number range that is available for the street. When you have finished entering the house number, choose OK.

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 name from the list, or enter the city name by selecting City, then Input City Name. 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.

Points of Interest (POI)

The screenshot shows a handheld device interface for entering a Point of Interest (POI). The title is "Point of interest". There are three input fields: "Name", "Category", and "City". The "Category" field has a fork and knife icon. Below the input fields is a numeric keypad with letters A-Z, a left arrow, and a "List" button. At the bottom, there are three buttons: "Select Item", "Enter", and "Back".

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

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

- Type in a POI name using the alpha-numeric keypad. As you type in a name, the system will search for an available match to your input. Select the desired POI.
- Select a POI by choosing the Category option. Select a category from the list the system will supply. If the list of available POIs for the category selected is still too long, you may need to input the name or city for the POI.
- Select City and type in the city you wish to select a POI from.

While inputting a point of interest or city name, the List key will become available. Press the List key to view the list of name choices or continue to spell the name to further reduce the list of available items.

If an arrow appears to the right or left of the item name, the complete name is too long for the display. Use the joystick to choose the left or right arrow, then press the center of the joystick to select it. The item name will scroll to the end or beginning of its name.

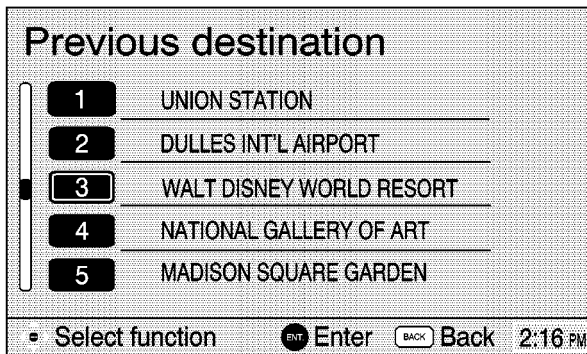
The POI for Restaurant is broken down into several distinct categories. Select Restaurant from the POI choices. A list of cuisine types will then appear.

Marked Points

The Marked points destination entry method allows you to select a destination by choosing from a list of marked points on the map that were previously marked. Marked points include up to 100 saved points and five preset destinations. Selecting Marked points from the Destination menu allows you to select any one of the marked points as the active destination. Marked points can also be sorted by icon, date saved, or alphabetically.

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

Previous Destination



The Previous destination entry method allows you to select a destination by choosing from a list of previous destinations, once they are entered.

Intersection

Intersection

1st Street Input first street name 10000

2nd Street

A B C D E F G H ←

I J K L M N O P

Q R S T U V W X

Y Z _ - & Å-ÿ 0-9 List

Select Item Enter Back

The Intersection destination entry method allows you to select a destination by inputting the intersecting roads you wish to travel to. To enter a destination using this method, enter the name of the street, but do not include name extensions such as N. or Drive. For example, the street name N. Civic Center Drive should be entered as Civic Center. This will bring up a list of streets with that name. Select the desired street name from the list.

Now begin entering the second street name, and choose the desired street name from the list. If you input a street name which does not cross the first street, the message “No corresponding intersections” will appear. After both street names in the intersection have been selected, a list of cities containing the selected intersection will appear. If there are several cities that contain that specific intersection, you must specify a city. Select the desired city from the list. The route will then be calculated, and you will hear a voice prompt directing you to “Proceed to the highlighted route.” If you do not hear a voice prompt, your voice guidance prompts may have been turned off. See “Volume” under *Setup Menu on page 2-4* for more information.

Emergency

Emergency

Current Position 1364 PENNSYLVANIA AVE NW
WASHINGTON, DC
LAT: N48 29'59" LONG: W128 29'59"

 Police Station

 Hospital

• Select function  Enter  Back 1:33 PM

The Emergency destination entry method allows you to select a destination by choosing from a list of emergency facilities. The list will vary by area. Selecting Police Station or Hospital will display a list. The list can be changed to appear in alphabetical order or in order by distance.


Freeway Entrance/Exit


Freeway Ent./Exit



Freeway 1-10 South> 1

Ent./Exit

Please select entrance or exit.

 Entrance

 Exit

• Select Item  Enter  Back

The Freeway Entrance/Exit destination entry method allows you to select a destination by entering a freeway entrance or exit point. Use the joystick to enter freeway names on the alpha keypad.

Previous Start Point

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

Home

The home destination entry method allows you to choose home as a destination. Use the joystick to select the home symbol from the bottom of the Destination screen. Besides preset destinations 1 through 5, home is the only preset available for selection while the vehicle is moving.

Preset Destination

The Preset destination entry method allows you to select destinations that were registered as presets 1 through 5. Use the joystick to select from the numbered presets at the bottom of the Destination screen. Besides the home preset, these are the only presets available for selection while the vehicle is moving.

Map

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

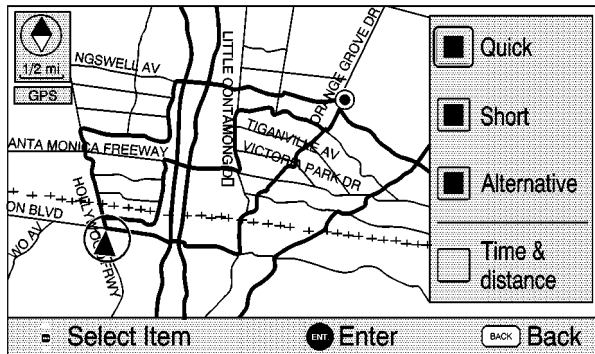
Using the joystick, scroll across the map to the location you would like to set as your destination. Once you have located the desired destination, press the joystick to select it. The route will then be calculated, and you will hear a voice prompt directing you to “Proceed to the highlighted route.” If you do not hear a voice prompt, your voice guidance prompts may have been turned off. See “Voice Volume” under *Setup Menu on page 2-4* for more information.

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

Route Overview

Each time a destination has been selected, the route overview menu can be displayed. Press the joystick to display the following options:

Start: This option will choose the default road type, calculate the route, and begin route guidance for the displayed route.



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



Turn List: This option shows all legs of the selected route with a mileage value for each. Press the Map key located to the right of each leg to see a map for that route.

Edit Route: This option allows you to change your route preferences. See "Edit Route" under *Navigation Menu* on page 2-10 for more information.

Colors on the Screen

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

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

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 the satellites, GPS will appear on the map screen.

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

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

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

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

If you are experiencing a problem, see *Vehicle Positioning on page 2-26* and *Problems with Route Guidance on page 2-27* 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 2-27*.

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 2-27*.



NOTES

Section 3 Navigation Audio System

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Navigation Audio System

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

Radio Data System (RDS)

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

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

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

While the radio is tuned to an RDS station, the station name or call letters will appear on the display instead of the frequency. RDS stations may also provide the time of day, a program type (PTY) for current programming, and the name of the program being broadcast.

Playing the Radio

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

Finding a Station

BAND: Press this key to access the BAND screen and to switch between AM, FM1, and FM2.

TUNE: Turn this knob to select radio stations.

∧ SEEK ∨: Press the SEEK up or the down arrow to go to the next or to the previous station and stay there. The radio will only seek stations with a strong signal that are in the selected band.

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

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

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

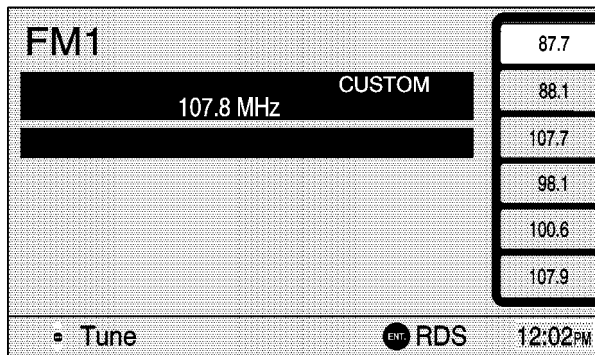
Setting Preset Stations

Up to 18 stations, six AM, six FM1, and six FM2, can be programmed on the reconfigurable keys to the left of the navigation screen.

To set preset stations, do the following:

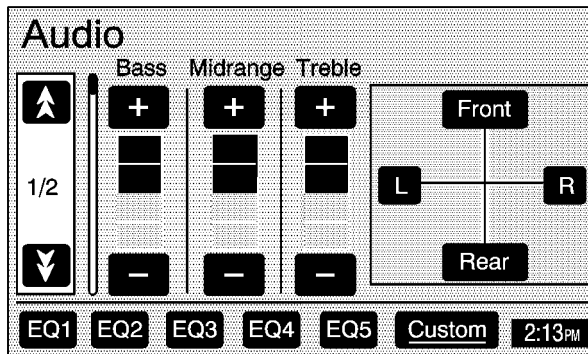
1. Turn the radio on.
2. Press BAND to select AM, FM1, or FM2.
3. Tune in the desired station.
4. Press and hold one of the six reconfigurable keys until you hear a beep. Whenever that key is pressed, the station that was set will return.
5. Repeat the steps for each preset and source.

Band Menu



FM1 Source shown, Other Sources similar

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



Audio Menu

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

Tone: Use the joystick to move between treble, midrange, bass, balance, fade, and SCV, and to move each setting to the desired level.

SCV (Speed Compensated Volume): With SCV, your audio system adjusts automatically to make up for road and wind noise as you drive. Set the volume at the desired level, choosing between Low, Mid, or High.

Then, as you drive, SCV automatically increases the volume, as necessary, to overcome noise at any speed. The volume level should always sound the same to you as you drive. You may also choose to turn this feature off.

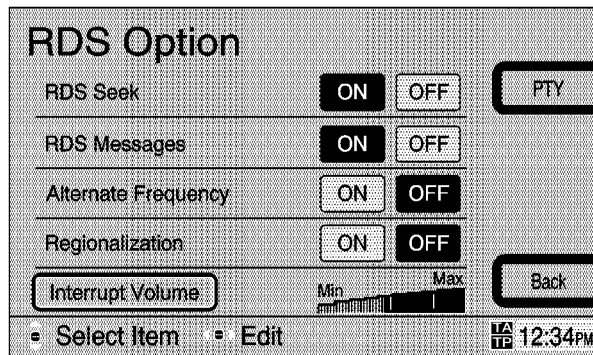
EQ (Equalizer): While in the Audio menu, use the keys labeled EQ1 through EQ5 to choose preset bass, midrange, and treble equalization settings. The Custom screen button allows you to choose and set the equalization levels you desire. Adjust each setting to the desired level. To set the levels, press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

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

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

See “Theft-Deterrent Feature”, “Radio Reception”, and “Fixed Mast Antenna” in Section 3 of your vehicle’s owner manual for more information.

RDS Option Menu

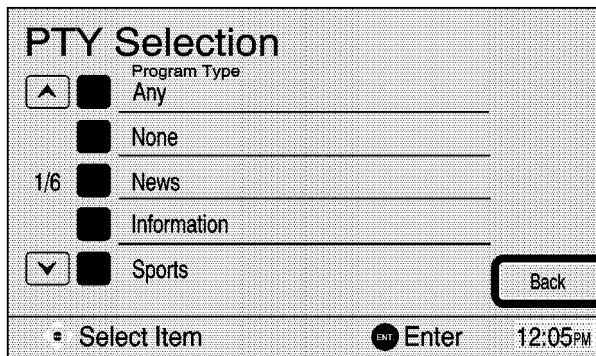


While in the FM screen, press the joystick to bring up the RDS Option menu and to choose from the following options:

RDS Seek: This feature allows the system to stop only on stations which broadcast one of the program types (PTY) selected in the RDS Criteria menu. If no PTY has been selected, RDS will seek all stations which broadcast RDS with any PTY. You may select All to allow the radio to stop on any radio station broadcasting RDS data.

Press the SEEK up or down arrows to look for other stations with that criteria type. If a station with the selected criteria is not found, the radio will return to the original station.

RDS Criteria: You can select from various RDS Criteria. You may also choose Any to select all program types, or None to cancel all selected program types.



To select PTY preferences, do the following:

1. Press the PTY key on the RDS Options menu.
2. Use the joystick to select Any, None, or as many PTY as desired.

RDS Messages: This option allows messages to be displayed if the radio station you are listening to has one to broadcast.

Alternate Frequency: This feature allows the radio to automatically switch to a stronger station in an RDS network that is playing the same network broadcast. While the frequency may change, the station program name should stay the same, as it is in the same RDS network.

Regionalization: This option allows the radio to stay tuned to the current RDS station even if it departs from RDS network broadcast in favor of broadcasting local or regional content.

Traffic Interrupt: While in FM1 or FM2 mode, press and hold the TA button for more than two seconds to seek to the next RDS station capable of broadcasting traffic announcements. Press and release the TA button in less than two seconds to move the TA icon on and off, changing the radio's response to traffic announcements.

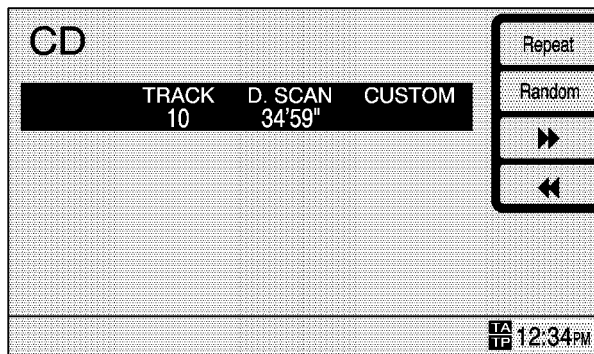
Traffic Interrupt will then be displayed. TA and TP will appear in the bottom, right corner of the screen if the tuned station broadcasts traffic announcements. If no station is found, only TA will appear on the screen.

When a traffic announcement comes on, you will hear the announcement even if the volume on the audio system is low or a CD is playing.

Interrupt Volume: This option allows you to adjust the volume level at which the audio system will play a traffic announcement.

Use the joystick to choose this option and set the desired volume level.

Playing a CD



Insert a CD partway into the slot, label side up. The player will pull it in and the CD should begin playing. Your vehicle may also be equipped with a six-disc CD changer. These features are explained further in this manual.

CD (Compact Disc): Press this key to change the source to CD if an audio disc is loaded in the single disc slot above the navigation screen, or to the CD changer if discs are loaded in the magazine of the six-disc CD changer. See *Six-Disc CD Changer* on page 3-8 for more information.

To play a single CD, you must first remove the navigation map DVD. While playing a CD in the CD player, the navigation system is not available. A message will display if the NAV key is pressed.

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

1. Turn the ignition on.
2. Press eject.
3. Gently remove the map DVD from the slot and return it to its case.
4. Insert the music CD partway into the slot. The system will pull it in.

Repeat: Press and release this key to repeat the track that is currently being played. Press Repeat again to turn this feature off.

Random: Press this key to play the tracks of a disc in random, rather than sequential, order. Press it again to turn off random play.

▶ **(Forward):** Press and hold this key to advance quickly within a track. As the CD advances, elapsed time will be displayed to help you find the correct passage.

◀ **(Reverse):** Press and hold this key to reverse quickly within a track. As the CD reverses, elapsed time will be displayed to help you find the correct passage.

Track Seek: Press the SEEK down arrow to go to the start of the current track if more than eight seconds have played. Press the SEEK up arrow to go to the next track. If either arrow is held or pressed more than once, the player will continue moving backward or forward through the CD.

Track Scan: Press and hold either SEEK arrow for more than two seconds until you hear a beep. The CD will go to the next track, play for a few seconds, then go on to the next track. Press either arrow again to stop scanning.

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

Six-Disc CD Changer

With the compact disc changer, you can play up to six discs continuously. Normal size discs may be played using the trays supplied in the magazine.

The CD changer is located under the front passenger's seat. To access the changer, pull the front passenger seat forward to load the changer from the back seat.

You must first load the magazine with discs before you can play a compact disc. Each of the six trays holds one disc. The disc numbers are listed on the front of the magazine. Slide the button on the back of the magazine and pull gently on one of the trays. Load the trays from top to bottom, placing a disc in the tray label side up. If you load a disc label side down, the disc will not play and an error will occur. Gently push the tray back into the magazine slot until it locks into place. Repeat this procedure for loading up to six discs in the magazine.



Once you have loaded the discs in the magazine, slide open the door of the compact disc (CD) changer. Push the magazine into the changer in the direction of the arrow marked on top of the magazine.



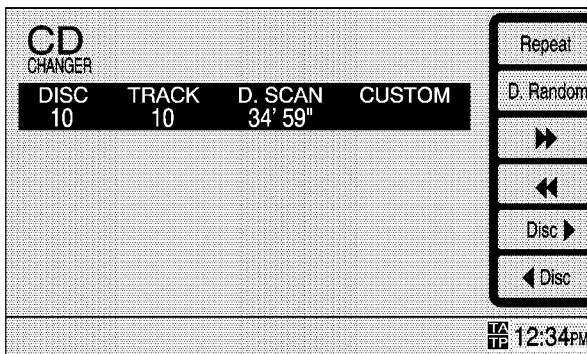
Close the door by sliding it all the way to the right. If the door is left partially open, the changer will not operate and an error will occur. When the door is closed, the changer will begin checking for discs in the magazine. This will continue for up to two minutes depending on the number of discs loaded.

To eject the magazine from the player, slide the CD changer door all the way open. The magazine will automatically eject. Remember to keep the door closed whenever possible to keep dirt and dust from getting inside the changer.

All of the CD functions are controlled by the navigation system hard keys, except for ejecting the magazine. Whenever a CD magazine with discs is loaded in the changer, the CD Changer screen will be available on the radio display by pressing the CD hard key. When a CD begins playing, a disc and track number will be displayed.

If you have both a single CD and a CD magazine loaded, you may switch between them by pressing the CD hard key.

Playing a CD with the CD Changer



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

▶▶ **(Forward):** Press and hold this key to advance quickly within a track. As the CD advances, elapsed time will be displayed to help you find the correct passage.

◀◀ **(Reverse):** Press and hold this key to reverse quickly within a track. As the CD reverses, elapsed time will be displayed to help you find the correct passage.

▶ **(Next) Disc:** Press this key to advance to the next disc in the changer.

◀ **(Previous) Disc:** Press this key to return to the previous disc in the changer.

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

Track Seek: Press the SEEK up or down arrows to advance to the next track or return to the previous track on the disc.

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

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

If an error appears on the display, see “Compact Disc Changer Errors” following for more information.

CD Changer Errors

The following are some of the CD errors the system may display:

- Magazine is not inserted
- Magazine door is open
- CD cannot be recognized

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

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