



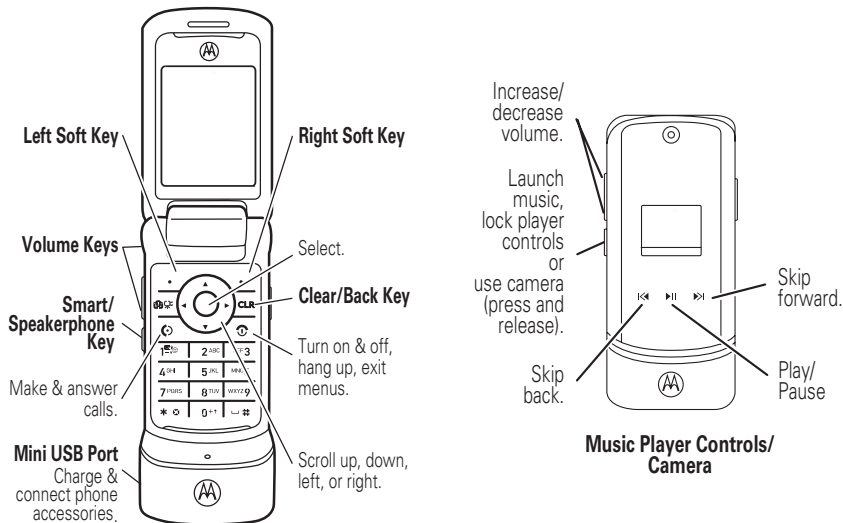
MOTOKRZR™ K1m

MOTOMANUAL

www.motorola.com

HELLOMOTO

Introducing your new **MOTOKRZR™** K1m wireless phone. Here's a quick anatomy lesson.



Home Screen



② Press the center key  to open the **Main Menu**.

① Press and hold the **Power Key**  for a few seconds or until the display lights up to turn on your phone.

Main Menu



③ Press the navigation key  **up, down, left, or right** to highlight a menu option.

④ Press the center key  to select.

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impaired)
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Certain mobile phone features are dependent on the capabilities and settings of your service provider's network. Additionally, certain features may not be activated by your service provider, and/or the provider's network settings may limit the feature's functionality. Always contact your service provider about feature availability and functionality. All features, functionality, and other product specifications, as well as the information contained in this user's guide are based upon the latest

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Caution: Changes or modifications made in the radio phone, not expressly approved by Motorola, will void the user's authority to operate the equipment.

Manual number: 6809506A15-0

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menu map

main menu



Contacts



Call History

- Received Calls
- Dialed Calls
- Notepad
- Call Times
- Data Times
- Data Volumes



Messaging

- Voicemail
- Create Message
- Message Inbox
- Drafts
- Outbox
- Canned Messages
- Browser Alerts



SPARK

- Wireless Web
- Downloads
- IM & Chat
- TV & Radio
- Games
- Videos
- Applications
- My Games/Apps



Media Gallery

- Camera
- Pictures
- Sounds
- Videos
- Video Camera
- View Online Album
- MP3 Player



Settings

(see next page)



Utilities

- Calculator
- Scheduler
- Voice Memos
- Alarm Clock
- Airplane Mode



Video Camera



Phone Info

- My Tel. Number
- Active Line
- Battery Meter
- Storage Devices
- Other Information

This is the standard main menu layout. Your phone's menu may be a little different.

settings menu



Ring Styles

- Style
- Style Detail



Personalize

- Home Screen
- Main Menu
- Skin
- Greeting
- Wallpaper
- Screen Saver
- Sound Settings



In-Call Setup

- Auto Prepend '1'
- In-Call Timer
- Answer Options
- MSG Alert



Security

- Phone Lock
- Lock Application
- Restrict Calls
- New Passwords



Initial Setup

- SpeakerPhone
- Auto Redial
- Display Timeout
- Backlight
- TTY Setup
- Scroll
- Language
- Battery Save
- Brightness
- DTMF
- Hyphenation
- Master Reset
- Master Clear



Network

- Current Network
- Set Mode
- Service Tone
- Call Drop Tone



Car Settings

- Auto Answer
- Auto Handsfree
- Power-off Delay
- Charger Time



Headset

- Auto Answer
- Voice Dial



Location

- Location On
- 911 Only



Connection

- Bluetooth™ Link
- Incoming Call



Phone Info

- My Tel. Number
- Active Line
- Battery Meter
- Storage Devices
- Other Information



Apps Settings

Use and Care

To care for your Motorola phone, please keep it away from:



liquids of any kind

Don't expose your phone to water, rain, extreme humidity, sweat, or other moisture.



dust and dirt

Don't expose your phone to dust, dirt, sand, food, or other inappropriate materials.



extreme heat or cold

Avoid temperatures below -10°C/14°F or above 45°C/113°F.



cleaning solutions

To clean your phone, use only a dry soft cloth. Don't use alcohol or other cleaning solutions.



microwaves

Don't try to dry your phone in a microwave oven.



the ground

Don't drop your phone.

essentials

CAUTION: Before using the phone for the first time, read the *Important Safety and Legal Information* included in the gray-edged pages at the back of this guide.

about this guide

This guide shows how to locate a menu feature as follows:

Find it:  >  Call History > Dialed Calls

This example shows that from the home screen, you must press the center key  to open the main menu, scroll to **History Call**, then scroll to and select **Dialed Calls**. Press  to scroll and the center key  to select a menu option.

symbols



This means a feature is network/subscription dependent and may not be available in all areas. Contact your service provider for more information.



This means a feature requires an optional accessory.

battery

battery tips

- Battery life depends on the network, signal strength, temperature, features, and accessories you use.

Always use Motorola Original batteries and chargers. The warranty does not cover damage caused by non-Motorola batteries and/or chargers.



- New batteries or batteries stored for a long time may take more time to charge.
- When charging your battery, keep it near room temperature.
- When storing your battery, keep it uncharged in a cool, dark, dry place.

- Never expose batteries to temperatures below -10°C (14°F) or above 45°C (113°F). Always take your phone with you when you leave your vehicle.
- It is normal for batteries to gradually wear down and require longer charging times. If you notice a change in your battery life, it is probably time to purchase a new battery.



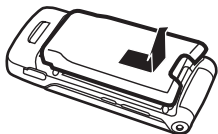
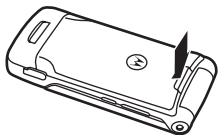
Contact your local recycling center for proper battery disposal.

Warning: Never dispose of batteries in a fire because they may explode.

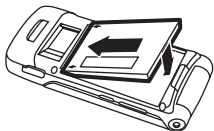
Before using your phone, read the battery safety information in the “Safety and General Information” section included in this guide.

install the battery

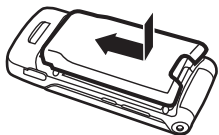
1



2



3

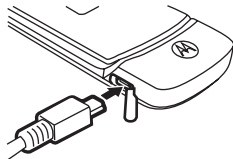


charge the battery

New batteries are shipped partially charged. Before you can use your phone, you need to install and charge the battery as described below. Some batteries perform best after several full charge/discharge cycles.

To charge using the charger:

- 1 Insert the charger into the USB connector on your phone as shown.
- 2 Plug the other end of the charger into the appropriate electrical outlet.
- 3 When your phone displays **Charge Complete**, remove the charger.



Tip: You can safely leave the charger connected to the phone after charging is complete. This will **not** damage the battery.

When you charge the battery, the battery level indicator at the upper right of the screen shows charging progress. At least one segment of the battery level indicator must be visible to ensure full phone functionality while charging.

To charge from your PC:

You can charge your battery by connecting a cable from your phone's mini-USB port to a high-power USB port on a computer (not a low-power one such as the USB port on your keyboard or bus-powered USB hub). Typically, USB high-power ports are located directly on your computer.

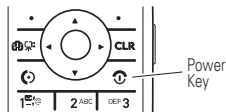
Both your phone and the computer must be turned on, and your computer must have the correct software drivers installed. Cables and software drivers are available in Motorola Original data kits, sold separately.

turn it on

- 1 Open your phone.
- 2 Press and hold the power key for three seconds.

The phone may require several seconds to power on.

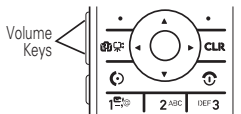
- 3 If necessary, enter your four-digit unlock code (the last four digits of your phone number) and press **OK** to unlock the phone.



adjust volume

Press the up or down volume keys to:

- increase or decrease earpiece volume during a call
- increase or decrease ringer volume setting when the home screen is visible (phone must not be in a call and flip must be open)
- silence an incoming call alert



make a call

Note: You must dial the phone number from the home screen. See page 43.

- 1 Dial the number.

Tip: If you make a mistake, press the clear key **CLR** to delete the last digit. Press and hold **CLR** to clear all digits.

- 2 Press **[Call]** to make the call.

- 3 Press **[End Call]** to end the call.

Tip: Closing the flip also ends the call unless you are using the speakerphone feature (see page 54).

answer a call

- 1 Press  to answer.
- 2 Press  to end the call.

Tip: You can set the phone to answer calls when you open the flip:

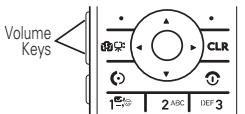
Find it:  >  **Settings** > **In-Call Setup**
> **Answer Options** > **Open To Answer**

Note: If the phone is locked, you must first enter your four-digit unlock code to answer the call.

change call alert

phone flip open

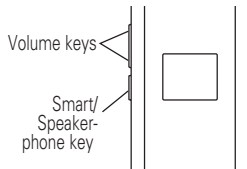
From the home screen, press the down volume key to switch to lower call alert volume,



then switch to vibrate and, finally, to silent alert. Press the up volume key to cycle back from silent alert to vibrate and then to the lowest alert volume setting.

phone flip closed

Press the up or down volume key for two seconds, then press the smart/speaker-phone key to scroll



through alert styles: **Loud**, **Soft**, **Vibrate**, **Vibe** then **Ring**, and **Silent**. Alert styles are shown on the external display.

After scrolling to the desired alert style, press the up or down volume key to save the setting and return to the home screen.

view your phone number

To view your phone number from the home screen:

- Press  .

or

- Press  >  **Settings**
> **Phone Info** > **My Tel. Number.**

While you are on a call, press **Options**, then select **My Tel. Number.**

main attractions

You can do much more with your phone than make and receive calls!

airplane mode

Note: Consult airline staff about the use of **Airplane Mode** in flight. Turn off your phone whenever instructed to do so by airline staff.

Airplane mode turns off your phone's calling features in locations where wireless phone use is prohibited. You can use the phone's other non-calling features in airplane mode.

Find it:  >  **Utilities** > **Airplane Mode**
> **Airplane Mode** > **On** or **Off**

Your phone can prompt you to activate or deactivate airplane mode each time you turn on the phone:

Find it:  >  **Utilities** > **Airplane Mode**
> **Prompt at Startup** > **On** or **Off**

MP3 music player

Use your phone's MP3 music player to play MP3 music files that you copy to your phone or to an optional memory card (see page 35).

If you have a memory card in your phone, the music player uses it as its default storage device for music. If you do not have a memory card, the player uses phone memory.

Note: You can use the **Sounds** option of the **Media Gallery** (see page 91) to listen to music files in formats other than MP3. However, the **Sounds** option does not include all of the capabilities of the MP3 music player.

load music

To copy music from a computer to your memory card, see page 36.

Some wireless providers offer services that allow you to buy and download music from a Web site. Contact your wireless provider for more information.



Note: If you download a protected file and store it on your memory card, you can use the file only while your memory card is inserted in your phone. You cannot send, copy, or change protected files.

play music—flip closed

To activate the MP3 player or to resume playback **while the flip is closed, press and**

hold the smart/speakerphone key until the touch sensor controls are lit (see page 1).

touch sensor controls	
pause/play	Press & release ► .
fast forward	Press & hold ►► (for at least two seconds).
skip to next song	Press & release ►► .
rewind	Press & hold ◄◄ (for at least two seconds).
skip back to previous song	Press & release ◄◄ (for at least two seconds).
turn off music player	Press & hold ► (for at least four seconds).

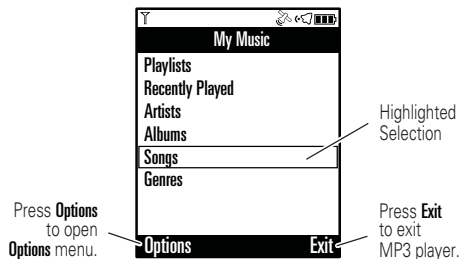
Lock the touch sensor controls by holding the smart/speakerphone key **for two seconds**. Repeat this step to unlock the controls.

play music—flip open

To activate your phone's MP3 music player
while the flip is open:

Find it:  >  Media Gallery > MP3 Player

Your phone displays the **My Music** menu:



The MP3 player **My Music** menu includes:

option	description
Playlists	Create or play a playlist.
Recently Played	View & play songs you played recently.
Artists	Find & play music by an artist.
Albums	Find & play music from a specific album.
Songs	Find & play a song. Note: All of your phone's songs are listed here. Some songs do not have Artist , Album , or Genre information, so that information is not included.
Genres	Find & play music from a specific <i>genre</i> (type of music) such as rock or jazz.

While a song is playing on the MP3 player, your phone's screen will look similar to the following:



When lit, indicates
Replay turned on.

When lit,
indicates
Shuffle
turned on.

Use these keys to control the MP3 player:

controls with flip open	
pause/play	Press & release the center key . or Press Options > Pause to pause. Press Resume to resume play.
fast forward	Press & hold right (for at least two seconds).
skip to next song	Press & release right .
rewind	Press & hold left (for at least two seconds).
skip back to previous song	Within first two seconds of song, press & release left .

controls with flip open	
return to song beginning	After first two seconds of song, press & release  left .
scroll up/down through list	Press  up or down.
turn off music player	Press Back until you return to the My Music menu, then press Exit . or Press  .

play music from a playlist

Play a playlist or song:

Find it:  >  **Media Gallery** > **MP3 Player** > **Playlists**

- 1 Scroll to the playlist you want and press the center key .
- 2 To play the entire playlist beginning with the first song, press the center key  again.

or

To play one song, scroll to the song you want and press the center key .

Play all songs from all playlists:

Find it:  >  **Media Gallery** > **MP3 Player** > **Playlists**

- 1 Press **Options**.
- 2 Scroll to **Play** and press **Select**.

play music from the Recently Played list

Find it:  >  Media Gallery > MP3 Player
> Recently Played

Scroll to a song and press the center key .

find & play music by artist

Play an album or song:

Find it:  >  Media Gallery > MP3 Player
> Artists

- 1 Scroll to the artist you want and press the center key .
- 2 Scroll to the album you want and press the center key .

- 3 To play the entire album beginning with the first song, press the center key  again.

or

To play one song, scroll to the song you want and press the center key .

Play all songs:

Find it:  >  Media Gallery > MP3 Player
> Artists

- 1 Scroll to the artist you want and press **Options**.
- 2 Scroll to **Play** and press **Select**.

find & play music by album

Play an album or song:

Find it:   >  Media Gallery > MP3 Player
> Albums

- 1 Scroll to the album you want and press the center key .
- 2 To play the entire album beginning with the first song, press the center key  again.

or

To play one song, scroll to the song you want and press the center key .

Play all songs on all albums:

Find it:   >  Media Gallery > MP3 Player
> Albums

- 1 Press **Options**.
- 2 Scroll to **Play** and press **Select**.

find & play music by songs

Find it:  >  Media Gallery > MP3 Player
> Songs

To play all songs beginning with the first song on the list, press the center key .

or

To play one song, scroll to the song you want and press the center key .

find & play music by genre

Play an album or song:

Find it:  >  Media Gallery > MP3 Player
> Genres

- 1 Scroll to the genre you want and press the center key .
- 2 Scroll to the artist you want and press the center key .
- 3 Scroll to the album you want and press the center key .

- 4 To play the entire album beginning with the first song, press the center key  again.

or

To play one song, scroll to the song you want and press the center key .

Play all songs:

Find it:  >  Media Gallery > MP3 Player > Genres

- 1 Scroll to the genre you want and press the center key .
- 2 Press **Options**.
- 3 Scroll to **Play** and press **Select**.

replay, shuffle, & other options

Press **Options** while using the MP3 player to open the **Options** menu:

option	description
Now Playing	View the name of the song currently playing.
Pause/Resume	Pause/resume play.
Play	Begin playing current selection.
Song Details	View information about the current selection.
Repeat	Replay a song (when you select a single song for play—does not replay a playlist or album).
Shuffle	Play songs in random order.

option	description
Search?	Set whether the player searches the memory card for new music when you first activate the player: Always—Search automatically. Ask—Prompt you to begin searching or skip searching. Never—Do not allow a search when the player activated.
Search for songs?	Search for new music on the memory card at any time while using the player.
About	View detailed information about the MP3 music player.

wake up music player

While the music player is active, your phone may conserve battery life by turning off the external display and touch sensor controls (if the flip is closed) or the inside display and keypad backlights (if the flip is open—see page 59).

To turn displays and lights back on:

flip closed	Press any touch sensor or the external display.
flip open	Press a number key.

turn off music player

flip closed Press & hold the pause/play control ►|| for four seconds.

flip open Press **Back** until you return to the **My Music** menu, then press **Exit**.

or

Press .

the player is turned on, the phone automatically turns off the player.

- When you receive a call while playing music, the music is paused. When you end the call, playback resumes.
- If you use a headset with the phone, music is played through the headset. Music plays through the phone speaker when the headset is disconnected. 

music player tips

- If you are navigating music player menus while a song is playing, and you don't press a key for more than twenty seconds, the player returns to the current song list screen.
- Turn off the player before connecting the phone to a computer. If you connect the phone to a computer while

create & manage playlists

Personalize your music by creating your own playlists.

When you create a playlist name, follow these guidelines:

- The name must be all lowercase characters.
- The name must be less than 32 characters.

- The name cannot include the following characters: / \ : * ? < > | " !

Create a playlist:

Find it:  >  **Media Gallery** > **MP3 Player**
> **Playlists** > **[Create New Playlist]**

- 1 Enter a name for the playlist and press **Ok**.
- 2 Scroll to a desired song and press the center key .

When you select a song, a ✓ appears beside the song. (To unselect a song, scroll to the song and press the center key  again.)

Repeat this step until you have selected all songs you want to add to the playlist.

- 3 Press **Done** when you have finished adding songs.

Edit a playlist:

Find it:  >  **Media Gallery** > **MP3 Player**
> **Playlists**

- 1 Scroll to a desired playlist and press **Options**.
- 2 Scroll to **Edit Playlist** and press the center key .
- 3 Follow the steps for creating a playlist on page 26.

Reorder a playlist:

Find it:  >  **Media Gallery** > **MP3 Player**
> **Playlists**

- 1 Scroll to a desired playlist and press **Options**.
- 2 Scroll to **Reorder Playlist** and press the center key .

- 3 Scroll to the song whose position you want to change and press the center key .
- 4 Scroll to the position in the playlist where you want to move the song and press **Insert**.
- 5 Repeat these steps until you have reordered the playlist as you prefer.
- 6 Press **Done** to return to the **Playlists** menu.

Delete a playlist:

Find it:  >  **Media Gallery** > **MP3 Player** > **Playlists**

- 1 Scroll to a desired playlist and press **Options**.
- 2 Scroll to **Delete Playlist** and press the center key .
- 3 When prompted to confirm the deletion, press **Yes**.

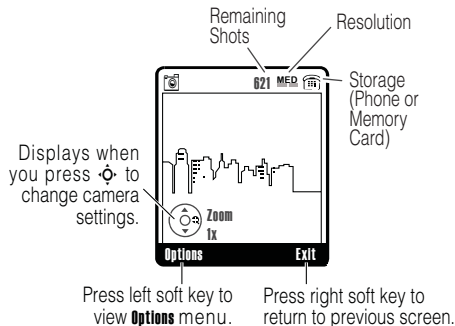
take & send photo

To activate your phone's camera:

Find it:  >  **Media Gallery** > **Camera**

Tip: You can also activate your phone's camera by pressing the camera key .

Your phone displays the active viewfinder image:



To select and adjust one of the following settings, press  up and down:

option
Zoom Increase or decrease image size.
Style Set to Color , Black and White , Antique , or Negative .
Lighting Conditions Set to Automatic , Sunny , Cloudy , Indoor (Home) , Indoor (Office) , or Night .

To view other options, press **Options** to open the **Pictures Menu**:

option
Go To Pictures View pictures and photos stored on your phone.

option
Switch Storage Device  Store photos in phone memory or on an optional memory card (see page 35).
Auto-Timed Capture Set a timer for the camera to take a photo.
Capture Title Assign a name to a captured photo.
Camera Setup Change resolution, image quality, or shutter tone.
View Free Space See how much memory remains for storing pictures.

To take a photo, point the camera lens at the photo subject, then:

- 1 Press the camera key  to take the photo.
- 2 Press **Options** to open the **Store Options** menu. Then select **Store Only**, **Apply as Wallpaper**, **Apply as Screen Saver**, **Apply as Contacts Entry**, or **Print and Store**.

or

Press **Send** to save the photo and go to the **Send Options** screen. Then select **Send in Message** or **Send to Online Album**.

record & play video clip

You can record a video clip with your phone and send it to other wireless phone users in a multimedia message.



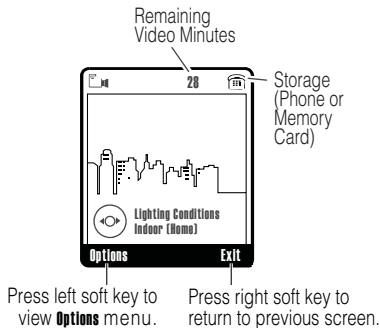
record video clip

To activate your phone's video camera:

Find it:  >  **Media Gallery > Video Camera**

Tip: You can also activate your phone's video camera by pressing and holding the camera key  for two seconds or press the center key  and select **Video Camera**.

The active viewfinder image appears.



To view options, press **Options** to open the **Videos Menu**:

option	
Go To Videos Go to the Videos list to view stored video clips.	
Switch Storage Device	
Store video clips in phone memory or on an optional memory card (see page 35).	
Video Camera Setup Change Auto Repeat , Full Screen , Video Length , or Recording Sound .	
View Free Space See how much memory remains for storing video clips.	

To record a video clip:

- 1 Point the camera lens at the video subject.
Press  left or right to change lighting conditions to **Automatic**, **Sunny**, **Cloudy**, **Indoor (Home)**, **Indoor (Office)**, or **Night**.
- 2 Press the camera key  to begin recording.
- 3 Press the camera key  or **Stop** to stop recording.
- 4 Press **Options**, then highlight **Store Only** and press **Select** to save the video.

or

Press **Send** to save the video clip and go to the **Send Options** screen. Then select **Send in Message** or **Send to Online Album**.

play video clip

Find it:  >  Media Gallery > Videos

Scroll to the clip you want to view and press the center key .

send multimedia message



A *multimedia message* contains embedded media objects (possibly including photos, pictures, animations, sounds, or voice records). You can send a picture message to other multimedia messaging-capable phones and to other email addresses.

Find it:  >  Messaging > Create Message
> New Multimedia Msg

1 Enter message text.

2 Press **Options** to open the **MMS Menu**.

Note: See “MMS menu options” on page 33 for descriptions of all menu options.

3 Scroll to **Insert** and press **Select**.

4 To insert a stored multimedia object, scroll to **Picture**, **New Picture**, **Voice Memo**, **Sound**, **Video**, **New Video**, **Insert New Page**, or **Canned Message**, and press **Select**. Then scroll to the desired object and press **Insert**.

or

To take and insert a new photo, scroll to **New Picture** and press **Select**. Take the photo and press **Insert**.

or

To record and insert a new video clip, scroll to **New Video** and press **Select**. Record the video clip and press **Insert**.

5 Press **Send To**.

- 6 Scroll to and select the entry to receive the message.

or

Scroll to and select **[New Number]** or **[New Email Address]**, then enter the recipient's phone number or email address and press the **Ok** key.

- 7 Press **Send** to send the message.

or

Press **Options** to open the **Send To Menu** and select **Message Options** (see table below), **Message Details**, **Save to Drafts**, or **Abort Message**.

The **Message Options** menu can include:

option
Cc Enter names of recipient(s) to receive message copy. Names entered here can be viewed by all message recipients.

option
Bcc Enter names of recipient(s) to receive message copy. A recipient name entered here can be viewed by ONLY that recipient and NOT by other recipients.
Subject Enter the message subject.
Priority Set to Normal or Urgent .
Delivery Report Request a delivery report of the message.
Read Report Request a Read Report of the message.

MMS menu options

While creating a multimedia message, press **Options** to open the **MMS Menu**, which can include the following options:

option
Insert Insert multimedia objects, a new page for message text, or a phone number from the Contacts , Received , or Dialed list.
Message Options (See table on page 32.)
Delete Page Remove the page from the message.
Preview View the message before you send it.

option
Set Page Timing Set the length of time that the page will be displayed.
Save as Template Save the current message as a template.
Message Details View message statistics.
Save to Drafts Save the message to drafts folder.
Copy Text Copy the selected text.
Cut Text Cut the selected text.
Copy All Text Copy all text in message.

option
Cut All Text Cut all text in message.
Entry Mode Select a text entry mode (see page 48).
Entry Setup Set up a text entry mode (see page 48).
Cancel Message Open the Msg Abort Options screen.

receive multimedia message

When you receive a multimedia message, your phone displays the  (message waiting) indicator and a **New Message** notification, and sounds an alert.

Open the flip and press **READ** to view the message immediately, or save it in your **Message Inbox** for viewing later.

To view messages in your **Message Inbox**:

Find it:  >  **Messaging** > **Message Inbox**

- 1 Scroll to the desired message.
- 2 Press the center key  to open the message. Your phone displays the picture, then the message.

Multimedia messages can contain different media objects:

- Photos, pictures, and animations are displayed as you read the message.
- A sound file begins playing when its slide is displayed. Use the volume keys to adjust the volume.
- Attached files are appended to the message. To open the attachment, highlight the file indicator/filename and

press **VIEW** (image file type), **PLAY** (sound file), or **OPEN** (object such as a contact or Scheduler entry, or unknown file type).

memory card

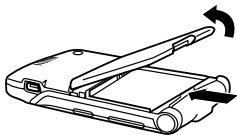
You can use a removable microSD^{MD} (TransFlash) memory card with your phone to store and retrieve multimedia content (such as songs or photos).



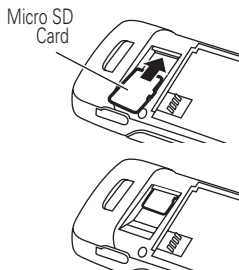
install memory card

Caution: Don't bend or scratch your memory card. Keep it away from static electricity, water, and dirt.

- 1 Press in the battery door release latch and remove the battery door.



- 2 Slide the memory card into the card slot, contact side down, as shown. Be sure the card is fully inserted.



- 3 Replace the battery and the battery door.

format memory card

Caution: Formatting the memory card will erase all content currently stored on the card.

Find it: > Phone Info > Storage Devices

- 1 Select **Memory Card-T-Flash** and press **Options**.
- 2 Select **Format**.
- 3 When prompted, press **Yes** to continue or **No** to cancel formatting.

view memory card contents

Find it:  >  Media Gallery

- 1 Scroll to and select the desired multimedia object type (**Pictures**, **Sounds**, or **Videos**).
- 2 Press **Options** to open the menu for the selected multimedia object type.
- 3 Scroll to **Switch Storage Devices** and press **Select**.
- 4 Scroll to **Memory Card-T-Flash** and press the center key .

copy or move files between phone & memory card

You can copy or move files (such as photos or music files) from your phone to the memory card to free up phone memory.

Note: Moving a file to the memory card deletes the original from phone memory.

Find it:  >  Media Gallery

- 1 Scroll to **Pictures** or **Videos** and press **Select**.
Note: Pictures that came preloaded on your phone cannot be moved to the memory card.
- 2 Scroll to the file you want to copy or move and press **Options**.
- 3 Select **Copy** or **Move** and press **Select**.
- 4 Scroll to the device where you want to copy or move the file and press the center key .

Note: Not all media files may be transferable from your phone to your computer.

transfer files from a computer to your memory card

You can transfer files from a computer to your memory card with a cable connection or by using a card reader.

cable connection

You can use a cable connection (see page 38) to transfer files from a computer to a memory card installed in your phone.

Note: When your phone is connected to a computer, you can not access the memory card through the phone.

Connect the cable to your phone and to an available USB port on your computer. Then, **on your computer:**

- 1 Install and open the Motorola Phone Tools software.
- 2 Follow the setup directions.
- 3 Select **Multimedia Studio** or **File Transfer Studio** to copy or move files.
- 4 When you are finished, close the application and disconnect the cable from your phone.

Note: Do not disconnect the cable from the phone while files are being transferred.

memory card reader

- 1 Insert your memory card into the card reader.

Note: You may first need to insert the card into an adapter that fits in the card reader.)

- 2 Insert the card reader into an available USB port on your computer.
- 3 Open your “My Computer” window, where your phone’s memory card shows as a “Removable Disk” icon.
- 4 Drag and drop the desired files into the memory card window to copy them onto the memory card.

Note: You may see a “Mobile” and a “Motorola” folder in the memory card

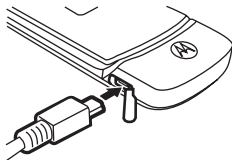
window. These folders are used by your phone. Do not delete these folders.

- 5 When you finish, disconnect the card reader by clicking on the “Safely Remove Hardware” icon in the system tray on your computer screen, then selecting “Safely Remove USB Mass Storage Device.”
- 6 Remove the card reader from the computer.
- 7 If necessary, remove the memory card from the adapter.
- 8 Insert the memory card into your phone (see page 35).

cable connections



Your phone has a mini-USB port so you can connect it to a computer to transfer any data.



Note: You must use Motorola Original™ USB data cables and Motorola Phone Tools software. These may be sold separately. Check your computer to determine the type of cable you need. To make **data calls** through a connected computer, see page 86.

If you use a USB cable connection:

- Make sure to connect the phone to a high-power USB port on your computer (not a low-power one such as the USB port on your keyboard or bus-powered USB hub). Typically, USB high-power

ports are located directly on your computer.

Note: If you connect your phone to a low-power USB port, the computer may not recognize your phone.

- Make sure both your phone and the computer are turned on.

Bluetooth™ connections

Your phone supports Bluetooth connections. You can connect your phone to a Bluetooth headset or car kit, or connect to another device to exchange and synchronize files.



Your phone currently supports the following Bluetooth profiles:

- headset (optional Motorola Original™ accessory)

- Handsfree Car Kit (optional Motorola Original accessory)

For more information about Bluetooth wireless connections supported by this device, go to FAQs www.motorola.com/Bluetoothsupport.

Note: All multimedia (video player, audio player, shutter tones) will play from the speakerphone when your phone is connected to another Bluetooth device.

turn Bluetooth power on/off

Set Bluetooth power to be on whenever your phone is on.

Find it: > Settings > Connection > Bluetooth Link > Setup

- 1 Scroll to **Power** and press **Change**.
- 2 Scroll to **On** and press **Select**.

Note: To extend battery life, use the above procedure and set Bluetooth power to **Off** when not in use. If you turn Bluetooth power **Off**, your phone will not connect to accessories until you turn Bluetooth power **On** and reconnect to the accessories.

pair with headset, handsfree device, or computer



Before you try to connect to another Bluetooth device, make sure your phone's Bluetooth power is **On** and the device is in *pairing mode* (see the user guide for the device you are attempting to pair with). You cannot perform pairing while your phone is connected to another device.

To pair your phone to a headset accessory, handsfree car kit, or PC that supports Bluetooth wireless connections:

Find it: > **Settings** > **Connection**
> **Bluetooth Link** > **Handsfree** > **[Look For Devices]**

Your phone displays a list of device(s) located within range of the phone. If your phone is already connected to a device, your phone lists that device and identifies it with a ✓ (in-use indicator). Once a connection is established with a device, no other device can connect to your phone until the currently connected device is disconnected.

- 1 Highlight a device in the list of devices your phone found.
- 2 Press the center key to connect the device.
- 3 If the device requests permission to bond with your phone, select **YES** and enter the device PIN code to create a secure connection with the device.

Note: The default PIN code is 0000.

When the connection is made, the  (Bluetooth) indicator or a **Bluetooth** message displays in the home screen.

Tip: For specific information about an accessory, refer to the instructions that came with it.

TTY operation

You can use an optional TTY device with your phone to send and receive calls. You must plug the TTY device into the phone's headset jack and set the phone to operate in one of three TTY modes.

Note: Use a TSB-121 compliant cable (provided by the TTY manufacturer) to connect the TTY device to your phone.

Note: Set the phone to level 4 (middle setting) for proper operation. If you experience a high number of incorrect characters, adjust the volume as needed to minimize the error rate.

Note: For optimal performance, your phone should be at least 12 inches (30 centimeters) from the TTY device. Placing the phone too close to the TTY device may cause high error rates.

set TTY mode

 When you set your phone to a TTY mode, it operates in that mode whenever the TTY device is connected.

Find it:  >  **Settings** > **Initial Setup**

- 1 Scroll to **TTY Setup** and press **Change**.
- 2 Scroll to one of the following **TTY Setup** options and press **Select**:

option
Voice Return to standard voice mode.
TTY Transmit and receive TTY characters.

option
VCO Receive TTY characters but transmit by speaking into microphone.
HCO Transmit TTY characters but receive by listening to earpiece.

When your phone is in a TTY mode, the international TTY mode, the international TTY symbol, and the mode setting display during an active TTY call.

return to voice mode

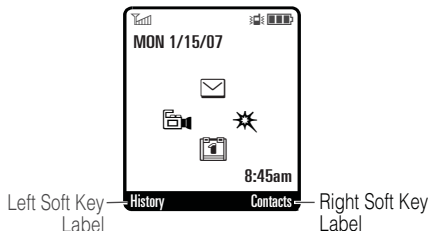
To return to standard voice mode, select **Voice** from the **TTY Setup** menu.

basics

See page 1 for a basic phone diagram.

home screen

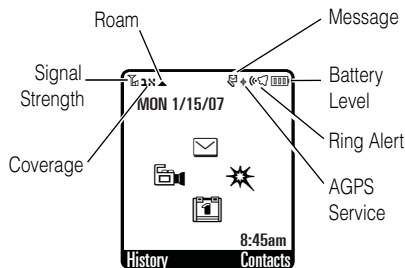
The *home screen* displays when you are **not** on a call or using the menu. You must be in the home screen to dial a phone number.



Note: Your home screen may look different than the screen shown here.

Labels at the bottom corners of the screen show the current soft key functions. Press the left or right soft key to perform the function indicated by the left or right soft key label.

Your phone displays several system status indicators and system alerts:



Indicators and alerts are described in the following section.

system alerts & status indicators

indicator
 Signal Strength Indicator Vertical bars show the strength of the network connection.
 Roaming Indicator Indicates phone is in a digital coverage area and is roaming off network.
 Digital Indicator Indicates phone is in a CDMA digital coverage area.
 1X Indicator Indicates phone is in a 1x-RTT coverage area.
 Icon EvDO Indicator Indicates phone is in a EvDO coverage area.

indicator
 Missed Call Indicator Indicates that you received an unanswered call.
 Data Call or Embedded BREW Application Indicator Shows during data call or BREW application.
 No Service Indicator Phone is in area with no service coverage.
 TTY Indicator Phone is in TTY mode (see page 41).
 Voice Call/Incoming Call Indicator Shows during an active voice call.
 E911 Indicator Shows when E911 is On.

indicator
 Location On Indicator Shows Location is set to On .
 Sounds Loud Indicates Style (in Ring Styles) is set to Loud .
 Sounds Soft Indicates Style (in Ring Styles) is set to Soft .
 All Sounds Off Indicates Style (in Ring Styles) is set to Silent .
 Vibrate On Indicates Style (in Ring Styles) is set to Vibrate .
 Sound On, Vibrate On Indicates Style (in Ring Styles) is set to Vibe then Ring .
Spkrphone On Speakerphone On Indicates speakerphone is on.

indicator
 Text Message Indicator Displays when you receive a new text message.
 New Voicemail Shows when you receive a new voicemail message.
 Airplane Mode Indicator Shows when Airplane Mode is turned on. (You cannot make or answer calls, but you can use other non-calling features of your phone.)
 Bluetooth Connection Active Your phone is paired to another Bluetooth device.

navigation key

Use the navigation key (◂◃) to scroll up, down, left, or right through the menu system. Press the center key (◂◃) to select a highlighted menu item.

menus

From the home screen, press the center key (◂◃) to enter the main menu.

The following icons represent features that may appear in the main menu, depending on your service provider and service subscription options.

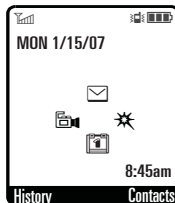
Menu Features		
 Contacts	 Call History	 Messaging
 SPARK	 Media Gallery	 Settings
 Utilities	 Video Camera	 Phone Info

menu shortcuts

Your phone provides shortcuts to allow you quick access to menu features.

select home screen menu icon

Your phone displays four menu icons in the middle of the home screen.



Press ◂◃ left, right, up, or down to open the menu for the icon you select.

You can change the menu icons that appear in the home screen, or set your phone not to display icons in the home screen (see “show or hide menu icons” on page 80).

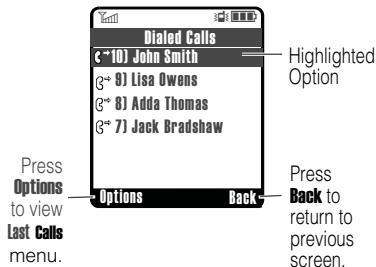
select by number

Press the center key , then the number key associated with the menu feature you want to select. (To see menu feature numbers, change the menu view to **List**—see the entry for “menu view” on page 80.)

select feature option

When you select certain features, your phone displays lists of options or items you can select for those features. For example, when you view the **Dialed Calls** list, you can select an

entry from the list and perform additional tasks on that entry:

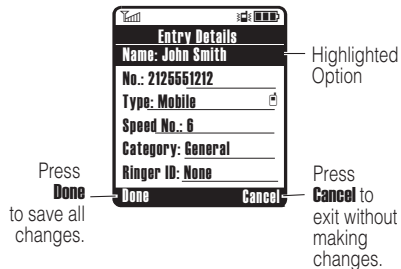


- Press  to scroll up or down to highlight the option you want.
- In a numbered list, press a number key to highlight the option.
- In an alphabetized list, press a key repeatedly to cycle through the letters on the key and highlight the closest matching list option

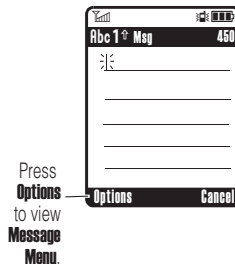
- When an option has a list of possible values, press **◂◃** left or right to scroll through and select a value.
- When an option has a list of possible numeric values, press a number key to set the value.

enter text

Some features require you to enter information. The following is a sample of a screen for a contact.



The message center lets you compose and send text messages.



set entry modes

Multiple entry modes make it easy for you to enter names, numbers, and messages:

- Primary** Enter text using the method you set (see below).
- Numeric** Enter numbers only (see page 53).

Symbol	Enter symbols only (see page 53).
Secondary	Enter text using the method you set (see below).

To set up **Primary** or **Secondary** entry mode:

- 1 Press **Options** in any text entry screen.
- 2 Scroll to **Entry Setup** and press **Select**.
- 3 Scroll to **Primary Setup** or **Secondary Setup** and press **Select**.
- 4 Scroll to one of the following methods:

iTAP English	Let the phone predict each English word as you press keys (see page 52).
iTAP Français	Let the phone predict each French word as you press keys.

Tap English	Enter letters and numbers by pressing a key one or more times.
--------------------	--

Tap Extended	Enter letters, numbers, and symbols by pressing a key one or more times.
---------------------	--

Your phone may not contain all of the languages listed above.

- 5 Press **Select**.

The phone will now use the method you set up when you select **Primary** or **Secondary** entry mode.

To select a text entry mode:

Press **Options** in any text entry screen, scroll to and select **Entry Mode**, then scroll to and select the desired entry mode.

capitalization

Press **0** in any text entry screen to change text case. The following indicators show capitalization status:

abc=no capital letters **Abc**=capitalize next letter only
ABC=all capital letters

text entry mode indicators

When you select the **Primary** or **Secondary** text entry mode, the following indicators identify the text entry setting:

Primary	Secondary	
1	2	Tap, no capital letters
1↑	2↑	Tap, capitalize next letter only
1↑	2↑	Tap, all capital letters
		iTAP™, no capital letters



iTAP, capitalize next letter only



iTAP, all capital letters

The following indicators identify **Numeric** or **Symbol** entry mode:

123=numeric mode **@**=symbol mode

tap method

This is the standard method for entering text on your phone.

Regular **Tap** method cycles through the letters and numbers of the key you press. **Tap Extended** method also cycles through additional symbols.

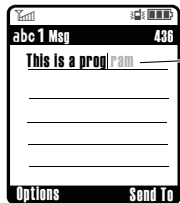
- 1 Press a key one or more times to cycle to the desired letter, number, or symbol.

- 2 Repeat the step above to enter all characters.

Tip: Press **⬅** right to accept a word completion, or **#** to insert a space.

In a text entry screen, you can press **✖** to switch entry modes. If **Tap** or **Tap Extended** is not available as the **Primary** or **Secondary** entry mode, see page 48.

When you enter three or more characters in a row, your phone may guess the rest of the word. For example, if you enter **prog** you might see:



Press **⬅** right to accept **Program**, or press **⬅** up or down to reject it. Press **#** to enter a space after **prog**.

If you want a different word (such as **progress**), continue pressing keypad keys to enter the remaining characters.

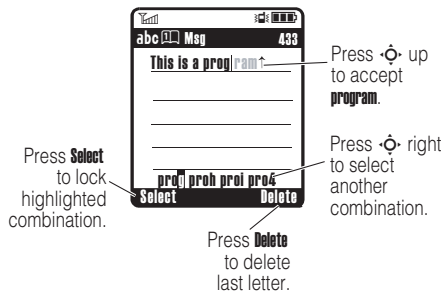
tap method text entry rules

- Press a keypad key repeatedly to cycle through its characters.
- Press **⬅** left or right to move the flashing cursor to the left or right in a text message.
- The first character of every sentence is capitalized. If necessary, press **⬅** down to force the character to lowercase before the cursor moves to the next position.
- If you enter or edit information and do not want to save the changes, press **⏏** to exit without saving.

iTAP™ method

iTAP software provides a predictive text entry method that lets you enter a word using one key press per letter. This can be faster than **Tap** method, because your phone combines the key presses into common words.

For example, if you press **7 7 6 4**, your phone displays letter combinations that match your key presses:



If you want a different word (such as **Progress**), continue pressing keypad keys to enter the remaining characters.

enter words

In a text entry screen, you can press **✱** to switch entry methods. An indicator tells you which method is active (see page 50). If **iTAP** method is not available as the **Primary** or **Secondary** entry method, see page 48.

- 1 Press a keypad key one or more times to show possible letter combinations at the bottom of the screen.
- 2 Scroll left or right to highlight the combination you want.
- 3 Press **Select** to lock a highlighted combination. (You can press keypad keys to add more letters to the end of the combination.)

or

Press  to enter the highlighted combination when it spells a word.

A space is automatically inserted after the word.

If you enter a word your phone does not recognize, the phone stores it to use as one of your word options. When you fill memory space for unrecognized words, your phone deletes the oldest words to add new words.

numeric mode

In a text entry screen, press  to switch entry methods until the **123** (numeric) indicator displays.

Press keypad keys to enter the numbers you want. When you finish entering numbers, press  to switch to another entry method.

symbol method

In a text entry screen, press  to switch entry methods until your phone displays the **@%** (symbol) indicator.

- 1 Press a key one or more times to show possible symbol combinations at the bottom of the screen.
- 2 Scroll left or right to highlight the symbol you want to enter.
- 3 Press **Select** to enter the highlighted symbol.

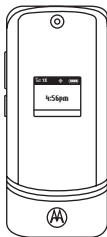
delete letters & words

Place the cursor to the right of the text you want to delete, and then:

- Press  to delete one letter at a time.
- Hold  to delete the entire message.

external display

When you close your phone, the external display shows the time, status indicators, and notifications for incoming calls and other events. For a list of phone status indicators, see page 44.



handsfree speaker

Note: You must open your phone's flip to activate the speakerphone.

Your phone's integrated handsfree speaker allows you to talk to another party without holding the phone to your ear.

turn on/off

To activate the speakerphone

during a call, press and hold the smart/speakerphone key.

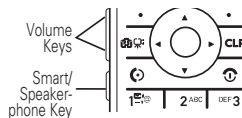
You will see **Spkrphone On** and hear a soft audio alert.

To end the call, press **End Call** or press  You will see **Call Ended** and hear a soft audio alert.

Note: Closing the flip while using the speakerphone does not end the call.

The speakerphone remains on until you press the smart/speakerphone key again or turn off the phone. You will see **Spkrphone Off**.

You can also set your phone to turn off the speakerphone automatically after 20 seconds of inactivity.



Find it:  >  Settings > Initial Setup

- 1 Scroll to **SpeakerPhone** and press **Change**.
- 2 Scroll to **20 sec timeout** and press **Select**.

Note: The speakerphone is disabled when you connect your phone to a handsfree car kit or headset accessory.

To use the handsfree speaker with your phone's flip closed:

- 1 Open your phone's flip.
- 2 Press and hold the smart/speakerphone key to turn on the speakerphone.
- 3 Enter the number you wish to call and press .
- 4 When the call is connected, close the flip, and continue your conversation.
- 5 To end the call, press and hold the smart/speakerphone key. You will see **Call Ended** and hear a soft audio alert.

change a code or password

Your phone's four-digit unlock code is originally set to the last four digits of your phone number, and the six-digit security code is originally set to 000000. Your service provider may reset these codes before you receive your phone.

If your service provider has **not** reset these codes, we recommend that you change them to prevent others from accessing your personal information. The unlock code must contain four digits, and the security code must contain six digits.

To change a code or password:

Find it:  >  Settings > Security
> **New Passwords**

Select the type of code you wish to change, enter the old code when prompted, then enter the new code.

lock/unlock phone

You can lock your phone manually or set the phone to lock automatically whenever you turn it off.

To use a locked phone, you must enter the unlock code. A locked phone still rings or vibrates for incoming calls or messages, **but you must unlock it to answer.**

You can make emergency calls on your phone even when it is locked (see page 63).

To lock your phone:

Find it:  >  Settings > Security > Phone Lock > Lock Now or Automatic Lock

Both **Phone Lock** options require you to enter the unlock code before completing your selection.

To unlock your phone:

At the **Enter Unlock Code** prompt, enter your unlock code and press **Ok**.

if you forget an unlock code or security code

Note: Your phone's four-digit unlock code is originally set to the last four digits of your phone number, and the six-digit security code is originally set to 000000.

If you forget your security code, contact your service provider.

customize

ring styles & alerts

Your phone rings and/or vibrates to notify you of an incoming call or to signal certain other events. This ring or vibration is called an *alert*.

set a style

Find it:  >  Settings > Ring Styles

Tip: You can also press  >  Settings > Personalize > Sound Settings > Ring Styles.

- 1 Scroll to **Style** and press **Change** or the center key .
- 2 Scroll to the desired setting and press **Select** or the center key .

set alerts

Your phone includes alerts for **Calls**, **Inbox**, **Voicemail**, **Alarms**, **Data Calls**, **Fax Calls**, and **Reminders**.

You can specify a detailed setting for each type of alert:

Find it:  >  Settings > Ring Styles

- 1 Scroll to **Style Detail** and press **Change** or the center key .
- 2 Scroll to the desired alert type and press **Change** or the center key .
- 3 Scroll to the desired detail setting and press **Select** or the center key .

Note: Your phone plays a sample of each highlighted setting as you scroll through the settings.

answer options

You can use these alternative methods to answer an incoming call.

- Multi-key** answer by pressing any key
- Open To Answer** answer by opening the flip

To activate or deactivate an answer option:

Find it: Press  >  **Settings** > **In-Call Setup**
> **Answer Options**

wallpaper

Set a photo or picture as a wallpaper (background) image in your phone's home screen.

Find it:  >  **Settings** > **Personalize** > **Wallpaper**

To select a wallpaper image:

- 1 Scroll to **Picture** and press **Change** to view available pictures.
- 2 Scroll to the picture you want and press the center key .

To adjust wallpaper image layout:

- 1 Scroll to **Layout** and press **Change**.
- 2 Scroll to **Center**, **Tile**, or **Fit-to-screen** and press **Select**.

screen saver

Set a photo or picture as a screen saver image.

The screen saver image displays when the flip is open and no activity is detected for a specified time period. The image shrinks to fill the screen, if necessary.

Tip: Turn off the screen saver to extend battery life.

Find it:  >  **Settings** > **Personalize**
> **Screen Saver**

To select a picture to use as a screen saver:

- 1 Scroll to **Picture** and press **Change** to view available pictures.
- 2 Scroll to the picture you want and press the center key .

To specify how long your phone must be inactive before it displays the screen saver:

- 1 Scroll to **Delay** and press **Change**.
- 2 Scroll to the **1 minute**, **2 minutes**, **5 minutes**, or **10 minutes**, and press **Select**.

Note: Select **Off** if you do not want your phone to display a screen saver.

display brightness

Find it:  >  **Settings** > **Initial Setup** > **Brightness**

display timeout

Set the amount of time that the display remains turned on.

Find it:  >  **Settings** > **Initial Setup**
> **Display Timeout**

backlight

Set the amount of time that the display and keypad backlights remain on, or turn off backlights to extend battery life.

Find it:  >  **Settings** > **Initial Setup** > **Backlight**

talking phone settings

You can set your phone to **speak aloud the name of Contact** when you highlight the entry in the **Contacts** list:

Find it:  >  **Setting** > **Personalize**
> **Sound Settings** > **Contacts** > **Voice**

AGPS & your location



Your phone can use the *automatic location information* (ALI) feature, along with *Assisted Global Positioning System* (AGPS) satellite signals, to tell the network where you are physically located.

When ALI is set to **Location On**, your phone displays the  (ALI on) indicator. Services may use your known location to provide useful information (for example, driving directions, or the location of the nearest

bank). Your phone prompts you when the network or a service asks for your location. You can refuse at this point.

When ALI is set to **911 Only**, your phone displays the  (ALI off) indicator, and the phone does not send location information unless you call the emergency phone number (such as 911).

Find it:  >  **Settings** > **Location**

- 1 When prompted, enter the location code.
- 2 Scroll to **Location On** or **911 Only**.
- 3 Press **Select** to select the setting.

AGPS limitations & tips

Your phone uses *Assisted Global Positioning System* (AGPS) satellite signals to estimate your location. If your phone cannot find strong satellite signals, your AGPS might be slower, less accurate, or it might not work at all. AGPS

provides only an approximate location, often within 150 feet (45 meters) but sometimes much farther from your actual location.

To improve AGPS accuracy:

- Go outside and away from underground locations, covered vehicles, structures with metal or concrete roofs, tall buildings, and foliage. Indoor performance might improve if you move closer to windows, but some window sun shielding films can block satellite signals.
- Move away from radios, entertainment equipment, and other electronic devices that might interfere with or block AGPS satellite signals.
- Extend your phone antenna.
- Hold your phone away from your body, and point the phone antenna toward

the sky. Do not cover the antenna area with your fingers.

AGPS uses satellites controlled by the U.S. government and subject to changes implemented in accordance with the Department of Defense AGPS user policy and the Federal Radio Navigation Plan. These changes might affect AGPS performance.

conserve battery

Your phone includes an ambient light sensor and battery save setting to extend battery life. When this feature is activated, it automatically turns off the keypad backlight when it detects that enough ambient light is available. Inhibiting or covering the sensor can cause intermittent backlighting.

Find it:  >  Settings > Initial Setup
> Battery Save

calls

For basic instructions on how to make and answer calls, see page 13.

change active line



Change the active phone line to make and receive calls from your other phone number.

Find it: Press  >  **Phone Info** > **Active Line**

redial

- 1 Press  to view the dialed calls list.
- 2 Scroll to the entry you want to call.
- 3 Press  to redial the number.

automatic redial



When you receive a busy signal, your phone displays **Call Failed, Number Busy**.

With automatic redial, your phone automatically redials the number for four minutes. When the call goes through, your phone rings or vibrates one time, displays **Redial Successful**, and then connects the call.

You must turn on automatic redial to use the feature. To turn automatic redial on or off:

Find it:  >  **Settings** > **Initial Setup** > **Auto Redial**

When automatic redial is turned off, you can manually activate the feature to redial a phone number. When you hear a fast busy signal and see **Call Failed**:

Press  or **RETRY** to activate automatic redial.

silence a call alert

You can silence the alert for an incoming call before answering the call.

Press the volume key up or down to silence the alert for the incoming call.

emergency calls

Your service provider programs one or more emergency phone numbers, such as 911, that you can call under any circumstances, even when your phone is locked.

Note: Emergency numbers vary by country. Your phone's preprogrammed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues.

- 1 Enter the emergency number.
- 2 Press  to call the emergency number.

use AGPS during emergency call



When you make an emergency call, your phone can use *Assisted Global Positioning System* (AGPS) satellite signals to tell the emergency response center your approximate location.

The AGPS feature has limitations, so always tell the emergency response center your best knowledge of your location. Remain on the phone for as long as the emergency response center instructs you.

AGPS **might not work** for emergency calls:

- Your phone's AGPS feature must be turned on (see page 60).
- Your local emergency response center might not process AGPS location information. For details, contact your local authorities.

For best results:

- Go outside and away from underground locations, covered vehicles, structures with metal or concrete roofs, tall buildings, and foliage. Indoor performance might improve if you move closer to windows, but some window sun

shielding films can block satellite signals.

- Move away from radios, entertainment equipment, and other electronic devices that might interfere with or block AGPS satellite signals.

If your phone cannot find strong AGPS satellite signals, the location of the nearest cell tower in contact with your phone is automatically provided to the emergency response center.

call history

Your phone keeps lists of the calls you recently received and dialed, even if the calls did not connect. The lists are sorted from newest to oldest entries. The oldest entries are deleted as new entries are added.

Shortcut: Press  from the home screen to view the **Call History** list.

Find it: > **Call History**

- 1 Scroll to **Received Calls** or **Dialed Calls** and press **Select**.
 - 2 Scroll to an entry.
 - 3 Press  to call the entry's number.
- or**

Press **Options** to open the **Options** menu and perform various operations on the entry (see the table below).

or

Press the center key  to view entry details.

The **Options** menu can include the following options:

option
Store Create a Contacts entry with the number in the No. field.
Delete Delete the selected entry (if the entry has not been locked).
Delete All Delete all unlocked entries.
Send Message Send a message to the entry's number.
Add Digits Add digits or insert a special character.
Dial 1 + Number Add 1 to number.

option
Attach Number Attach a number to the number you entered.

notepad

The most recent set of digits that you enter are stored in your phone's *notepad* memory. This can be a phone number that you called or a number that you entered but did not call. To retrieve the number stored in the notepad:

Find it:  >  **Call History > Notepad**

Press  to call the number.

or

Press **Options** to open the **Dialing Menu** to attach a number, insert a special character, or **Send Message**.

or

Press **Store** to create a new **Contacts** entry with the number from the **Notepad** already entered in the **No.** field.

return unanswered call

Your phone keeps a record of your unanswered calls, and displays the  (missed call) indicator and **X Missed Calls**, where **X** is the number of missed calls.

- 1 Press **VIEW** to see the **Received Calls** list.
- 2 Scroll to the call you want to return.
- 3 Press  to make the call.

attaching a number

While dialing (with digits visible on the screen), press **Options**, then scroll to and select **Attach Number**, attach a number from **Contacts** or the recent calls list.

speed dial

Each entry you store in **Contacts** is assigned a unique *speed dial* number.

Tip: To see an entry's speed dial number, press  >  **Contacts**, scroll to the entry, and press the center key .

To speed dial a contact:

- 1 Enter the speed dial number for the entry you want to call.
- 2 Press  to submit the number.
- 3 Press  to call the entry.

1-touch dial

To call a contact 1 through 9, press and hold the single-digit speed dial number for one second.

voicemail



Voicemail messages that you receive are stored on the network. To listen to your messages, you must call your voicemail phone number.

Note: Your service provider may include additional information about using this feature.

Find it:  >  **Messaging** > **Voicemail**

Press  (send key) to call your voicemail phone number.

If no voicemail number is stored, your phone prompts you to store a number.

other features

This section helps you locate features on your phone that were not described earlier in this guide.

advanced calling

features

conference call



During a call:

Dial next number, press , press  again.

features

restrict calls

Restrict outgoing or incoming calls:

Find it:  >  **Settings** > **Security**
> **Restrict Calls**

When prompted, enter the unlock code (see page 56) and press **Ok**. Then select **Outgoing Calls** or **Incoming Calls** and press **Change**. Scroll to **Allow** and press **Change**, then select **All**, **None**, or **Contacts**.

features

DTMF tones

Your phone can send *Dual Tone Multi Frequency* (DTMF) tones for calling card calls or to navigate automated systems such as banking by phone.

Setting up DTMF tones:

Find it:  >  Settings > Initial Setup

Scroll to **DTMF** and press **Change**, then select **Short**, **Long**, or **Off**.

Switch between voice calls and DTMF calls:

Find it:  >  Settings > Personalize > Sound Settings > Number Dialing > DTMF or Voice

Depending on the setting you select, key presses during a call are sent as spoken digits or DTMF tones.

messages

features

send text message



Find it:  >  Messaging
> Create Message > New Text Message

Press **Options** to perform various actions on the message.

use multimedia template

Open an MMS template with preloaded media:

Find it:  >  Messaging > Create Message
> MMS Templates

features

create canned message



Enter and store messages that you can select and send later.

Find it:  >  **Messaging** > **Canned Messages**
> **[New Canned Message]**

Enter the **Canned Messages** text and press **Ok** to save it.

send canned message



Find it:  >  **Messaging**
> **Canned Messages**

Scroll to the presaved message you want to send and press **Options**, then scroll to **Send** and press **Select**.

features

store message objects



Go to a multimedia message slide, or highlight a message in a letter, then press **Options**.

Press **Store** and then select **File**. Press **Store** and then select from **Storage Options**.

view sent messages



Find it:  >  **Messaging** > **Outbox**

Scroll to the message you want to view and press the center key .

Press **Options** to perform various actions on the message.

features

drafts



View messages saved in **Drafts** folder:

Find it: > **Messaging** > **Drafts**

Scroll to the message you want to view and press the center key . You can edit the message when you view it.

Press **Options** to perform various actions on the message.

erase messages



Delete all messages or only messages from the **Inbox** or **Outbox** folder:

Find it: > **Messaging**

Press **Options**, then scroll to and select **Cleanup Messages**. Scroll to **All**, **Inbox**, or **Outbox**, and press **Select**.

features

view browser alerts



View special notifications from your Web browser:

Find it: > **Messaging** > **Browser Alerts**

contacts

features

create entry

Find it: > **Contacts** > **[New Entry]**

view entry

Find it: > **Contacts**

To view an entry, scroll to the entry and press the center key .

To perform other actions on the entry, scroll to the entry and press **Options** to open the **Contacts Menu**.

features

dial number

Find it:  >  **Contacts**

Scroll to the entry you want to call and press .

edit entry

Edit a **Contacts** entry:

Find it:  >  **Contacts**

Scroll to the entry and press **Options**, then scroll to **Edit** and press **Select**.

features

assign ringer ID to entry

Assign a distinctive ringer to a **Contacts** entry:

Find it:  >  **Contacts**

Scroll to the entry and press **Options**, then scroll to **Edit** and press **Select**.

Scroll to **Ringer ID** and press the center key . Scroll to the desired setting and press **Select** or the center key .

Note: Your phone plays a sample of each highlighted setting as you scroll through them.

features

set picture ID for entry

Assign a photo or picture to show when you receive a call from an entry:

Find it:  >  **Contacts**

Scroll to the entry and press **Options**, then scroll to **Edit** and press **Select**.

Scroll to **Picture** and press the center key . Scroll to the desired picture and press **Select** or the center key .

copy entry

Copy a **Contacts** entry to another location in **Contacts**:

Find it:  >  **Contacts**

Scroll to the entry you want to copy and press **Options**, then scroll to **Copy Entry** and press **Select**. Enter the target location number and press **Ok**.

features

copy multiple contacts entries

Copy a range of **Contacts** entries to another location in **Contacts**:

Find it:  >  **Contacts**

Press **Options**, then scroll to **Copy Entries** and press **Select**.

Enter the location number of the first entry in the range into **From(start):** and press **Ok**.

Enter the location number of the last entry in the range into **From(end):** and press **Ok**.

Enter the location number where you want to copy the range into **To(start):** and press **Ok**.

Press **Done** to copy the range of entries.

features

delete entry

Delete a **Contacts** entry:

Find it:  >  **Contacts**

Scroll to the entry and press **Options**, then scroll to **Delete** and press **Select** or the center key .

set speed dial number

Assign a speed dial number to a **Contacts** entry:

Find it:  >  **Contacts**

Scroll to the entry and press **Options**, then scroll to **Edit** and press **Select**.

Scroll to **Speed No.** and press the center key . If necessary, press  to delete an existing speed dial number. Enter the new speed dial number and press **Ok**.

features

set default number for entry

Set the default number for a **Contacts** entry with multiple numbers:

Find it:  >  **Contacts**

Scroll to the entry and press **Options**, then scroll to **Set Primary** and press **Select**. Scroll to the number to be set as the default number and press **Select**.

view entries by picture or list

Set your phone to display **Contacts** entries with their assigned pictures or as text only:

Find it:  >  **Contacts**

Press **Options**, then scroll to **Setup** and press **Select**. Scroll to **View by** and press **Change**. Scroll to **Picture** or **List and** press **Select**.

features

sort contacts

Set the order in which **Contacts** entries are listed:

Find it:  >  **Contacts**

Press **Options**, then scroll to **Setup** and press **Select**. Scroll to **Sort by** and press **Change**.

Scroll to **Name**, **Speed No.**, or **Email**, and press **Select**. Press **Done** to save the setting.

view primary or all numbers

Set to view only primary numbers or all numbers when viewing entries:

Find it:  >  **Contacts**

Press **Options**, then scroll to **Setup** and press **Select**. Scroll to **View** and press **Change**.

Scroll to **All Contacts** or **Primary Contacts** and press **Select**. Press **Done** to save the setting.

features

share entry with another Bluetooth device

Set the default number for a **Contacts** entry with multiple numbers:

Find it:  >  **Contacts**

Scroll to the entry and press **Options**, then scroll to **Share Phonebook Entry** and press **Select**.

(For more information on Bluetooth connections, see pages 39 and 83.)

features

create mailing list

Find it:  >  **Contacts** > **[New Entry]**
> **Mailing List**

Enter a name for the list and press **Ok**. Scroll to **Members** and press the center key .

To add a **Contacts** entry to the list, scroll to that entry and press the center key  to select it. Repeat this step to add more members.

When you are finished adding members, press **Done**. Press **Done** to save the mailing list.

When you send a message to a mailing list, the message goes to all **Contacts** entries in that list.

features

add entries to mailing list

Find it:  >  **Contacts**

Scroll to the desired mailing list name and press **Options**, then scroll to **Edit** and press **Select**.

Scroll to **Members** and press the center key .

When you are finished adding members, press **Done**. Press **Done** to save your changes.

personalize

voice commands

You can place calls and perform other tasks by speaking commands to your phone.

- 1 Press and release the voice key on the right side of the phone.

Your phone displays and speaks **Say a command**, followed by a list of voice commands.

- 2 Say one of the commands listed in the table below.

Your phone performs the corresponding action.

voice commands
Call <Name or #> Place a call to: • a Contacts entry whose <i>name</i> you speak or • a phone <i>number</i> you speak

voice commands
Send Text <Name or #> Send a text message to: • a Contacts entry whose <i>name</i> you speak or • a phone <i>number</i> you speak
Send Picture <Name or #> Send a multimedia message to: • a Contacts entry whose <i>name</i> you speak or • a phone <i>number</i> you speak (See page 27 for instructions on sending a picture in a message.)

voice commands
Lookup <Name> Look up a Contacts entry by speaking the entry's <i>name</i> .
Go To <App> Use a voice shortcut to access the phone <i>app</i> (application) you specify: Vicemail, Camera, Redial, Received Calls
Check <Item> View information on the <i>item</i> you speak: Status, Battery, Signal, Network, My phone #

Tip: When speaking the name of a **Contacts** entry, you must say the name exactly as it is listed in the entry. For example, to call the mobile number for a **Contacts** entry named Bill Smith, you would say “Call Bill Smith mobile.”

(If the entry included only one number for Bill Smith, you would simply say “Call Bill Smith.”)

Tip: Speak numbers at a normal speed and volume, pronouncing each digit distinctly. Avoid pausing between digits.

voice service setup

You can modify several voice command settings:

- 1 Press and release the voice key on the right side of the phone.
- 2 Press **Settings**.
- 3 Scroll to **Choice Lists, Sensitivity, Digit Dialing, Sound**, or **About** and press **Select**.

more personalizing features

features	
call & key volumes	
Find it:  >  Settings > Ring Styles > <i>Style Detail</i>	
Scroll to Ring Volume or Key Volume and press Change .	
greeting	
Change the greeting that appears when you turn on your phone:	
Find it:  >  Settings > Personalize > Greeting	
banner	
Create a heading to display on your phone's home screen:	
Find it:  >  Settings > Personalize > Home Screen > Banner	

features
scroll
Set the scroll bar to Up/Down or Wrap Around in menu lists:
Find it:  >  Settings > Initial Setup > Scroll
activate ringer IDs
Activate ringer IDs assigned to Contacts entries and categories:
Find it:  >  Settings > Ring Styles > <i>style Detail</i> > Ringer ID
message alerts
Set whether or not you are alerted to messages received during a call:
Find it:  >  Settings > In-Call Setup > MSG Alert

features

skin appearance

Choose a phone *skin* that sets the look and feel of your phone's screen:

Find it:  >  Settings > Personalize > Skin

menu language

Find it:  >  Settings > Initial Setup > Language

show or hide menu icons

Show or hide menu feature icons in the home screen:

Find it:  >  Settings > Personalize > Home Screen > Home Keys > Icons > Hide or Show

change home screen menu icons

Find it:  >  Settings > Personalize > Home Screen > Home Keys > Up, Down, Left, or Right

features

change home screen soft key labels

Find it:  >  Settings > Personalize > Home Screen > Home Keys > Left Soft Key or Right Soft Key

menu view

Set phone to display main menu as icons or a text list:

Find it:  >  Settings > Personalize > Home Screen > View > Icons or List

change menu order

Find it:  >  Settings > Personalize > Main Menu > Reorder

features

master reset

Reset all options except unlock code, security code, and lifetime timer:

Find it:  >  Settings > Initial Setup
> Master Reset

To reset all options, you need to enter the **Security Code** (000000).

Note: Your service provider may reset the security code before you receive your phone.

features

master clear

Reset all options except unlock code, security code, and lifetime timer, and clear all user settings and entries:

Warning: This option erases all user-entered information in your phone memory, including contacts and downloaded files. After you erase the information, it cannot be recovered. It resets all options to their factory settings except for the unlock code, security code, and lifetime timer.

Find it:  >  Settings > Initial Setup
> Master Clear

To reset all options, you need to enter the **Security Code** (000000).

Note: Your service provider may reset the security code before you receive your phone.

call times & data volumes

Network connection time is the elapsed time from the moment you connect to your service provider's network to the moment you end the call by pressing . This time includes busy signals and ringing.

The amount of network connection time you track on your resettable timer may not equal the amount of time for which you are billed by your service provider. For billing information, please contact your service provider directly.

features

set in-call timer

Find it:  >  Settings > In-Call Setup > In-Call Timer

Select **Display** or **Beep**.

features

view call times

Find it:  >  Call History > Call Times

Scroll to **Last Call, Dialed Calls, Received Calls, Roam Calls, Home Calls, All Calls, or Lifetime**, and press **Select**.

view data times

Find it:  >  Call History > Data Times

Scroll to **Recent Data Session** or **All Data Sessions** and press **Select**, then scroll to **Internal Data Session, External Data Session, or Total Time**, and press **Select**.

reset all data times

Find it:  >  Call History > Data Times > All Data Sessions > Reset All

features

view data volumes



Find it: > Call History
> Data Volumes

Scroll to **Recent Data Session** or **All Data Sessions** and press **Select**, then scroll to **Internal Data Session**, **External Data Session**, or **Total Data Transferred**, and press **Select**.

reset all data volumes



Find it: > Call History
> Data Volumes > All Data Sessions > Reset All

Bluetooth™ wireless connections

Note: See also page 39.

features

make phone visible to other device



Allow an unknown Bluetooth device to discover your phone:

Find it: > Settings > Connection
> Bluetooth Link > Find Me

Press **Yes** to temporarily turn on Bluetooth.

features

connect to recognized device

Connect to a recognized handsfree device:

Find it:  >  **Settings** > **Connection**
> **Bluetooth Link** > **Handsfree**

Scroll to the name of the device to which you want to connect and press the center key .

connect to handsfree device during call

Switch to a headset or car kit during a call:

Find it: Press **Options** and select **Connect Bluetooth**.

Note: You cannot switch to a headset or car kit if you are already connected to a Bluetooth device.

features

disconnect from device

Select the device name and press **Delete**.

edit device properties

Edit the properties of a recognized device:

Find it:  >  **Settings** > **Connection**
> **Bluetooth Link** > **Device History**

Select the device name and press the center key . Select the **Device Details** and press **Change** to edit details.

set Bluetooth options

Find it:  >  **Settings** > **Connection**
> **Bluetooth Link** > **Setup**

handsfree

Note: The use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.

features	
accessory volume settings (car kit or headset)	
Adjust volume levels of car kit accessory: During an active call, press your phone's up or down volume keys.	
external speakerphone	
Activate a connected external speakerphone during a call: Press the smart/speakerphone key on the left side of the phone.	

features	
auto answer (car kit or headset)	
Automatically answer calls when connected to a car kit or headset: Find it:  >  Settings > Car Settings or Headset > Auto Answer	
voice dial (headset)	
Enable voice dial with headset send/end key: Find it:  >  Settings > Headset > Voice Dial	
auto handsfree (car kit)	
Automatically route calls to a car kit when connected: Find it:  >  Settings > Car Settings > Auto Handsfree	

features

power-off delay

(car kit)



Set the phone to stay on for a period of time after the ignition is switched off:

Find it: > Settings > Car Settings
> Power-off Delay

charger time

(car kit)



Charge your phone for a period of time after the ignition is switched off:

Find it: > Settings > Car Settings
> Charger Time

data & fax calls

features

data settings

Specify call type for next call:

Find it: > Settings > Connection
> Incoming Call

Scroll to **Next Call** and press **Change**, then select **Normal**, **Data In Only**, or **Fax In Only**.

send data or fax



Connect your phone to the device, then place the call through the device application.

receive data or fax



Connect your phone to the device, then answer the call through the device application.

network

Features	
view current network	
Find it:  >  Settings > Network > Current Network > View	
adjust network settings	
View network information and adjust network settings:	
Find it:  >  Settings > Network > Set Mode	
set service tones	
Set phone to beep each time the network registration status changes:	
Find it:  >  Settings > Network > Service Tone	

Features

set call drop alerts



Set phone to emit an alert tone whenever the network drops a call. (Because digital networks are so quiet, the call drop alert may be your only indication that a call has been dropped.)

Find it:  >  Settings > Network > Call Drop Tone

personal organizer

features

add scheduler event



Add an event to the scheduler:

Find it:  >  Utilities > Scheduler

Scroll to the desired day and press **Options**, then scroll to **New** and press **Select**.

features

view scheduler event



View or edit event details:

Find it: > Utilities > Scheduler

Scroll to the desired day and press the center key , then scroll to the *event* and press the center key again.

event reminder



Press **View** to view an event reminder.

Press **Exit** to dismiss an event reminder.

copy scheduler event



Copy an event to another date and/or time:

Find it: > Utilities > Scheduler

Scroll to the desired day and press the center key , then scroll to the *event* and press **Options**. Scroll to **Copy** and press **Select**.

features

set alarm



Set an alarm:

Find it: > Utilities > Alarm Clock

turn off alarm



Turn off alarm:

Press **Disable** or **Snooze**.

create voice memo



Note: Recording phone calls is subject to varying state and federal laws regarding privacy and recording of conversations.

Find it: > Utilities > Voice Memos > [New Voice Memo]

Press the center key , then press and hold the voice key and begin recording. Release the voice key when finished.

features	
play voice record	
Find it:  >  Utilities > Voice Memos	
Scroll to the voice memo you want to play and press the center key  .	
calculator	
Calculate numbers:	
Find it:  >  Utilities > Calculator	
convert currency	
Find it:  >  Utilities > Calculator	
Press Options , then scroll to Exchange Rate and press Select .	
Enter the desired exchange rate and press Ok . Enter the amount to be converted and press Options . Scroll to Convert Currency and press Select .	

security

features	
lock application	
Lock phone applications:	
Find it:  >  Settings > Security > Lock Application	
When prompted, enter the unlock code and press Ok . Then scroll to the application you wish to lock and press Change .	
change unlock and security codes	
Find it:  >  Settings > Security > New Passwords > Unlock Code or Security Code	
control access to location function	
Set up a location code to control access to the Location function (see "AGPS & your location" on page 60):	
Find it:  >  Settings > Security > New Passwords > Location Code	

fun & games

features

launch micro-browser



Start a micro-browser session:

Find it: > SPARK > Wireless Web

Note: Normal airtime and/or carrier usage charges apply.

manage pictures



Find it: > Media Gallery > Pictures

To view a picture, scroll to the picture title and press the center key .

Press **Options** to open the **Pictures Menu**, which can include the following options:

Send in Message, Send to Online Album, Apply As, Zoom, New, Details, Change Details, Delete, Move, Copy, Print, Mark, Mark All, Assign to Category, or View Free Space.

features

manage video clips



Find it: > Media Gallery > Videos

To view a video clip, scroll to the video clip title and press the center key .

Press **Options** to open the **Videos Menu**, which can include the following options:

Send in Message, Send to Online Album, New Video, Play Full Screen, Details, Delete, Move, Copy, Mark, Mark All, Assign to Category, Videos Setup, or View Free Space.

features

manage sounds



Manage sounds and create playlists:

Find it:  >  **Media Gallery** > **Sounds**

To play a sound, scroll to the sound title and press the center key .

Press **Options** to open the **Audio Menu**, which can include the following options: **New**, **Hide**, **Details**, **Copy**, **Mark**, **Mark All**, **Send in Message**, **Send to Online Album**, **Apply as a Ring Tone**, **Sounds Setup**, or **View Free Space**.

launch games

Play games:

Find it:  >  **SPARK** > **Games** or **My Games/Apps**

Note: Normal airtime and/or carrier usage charges apply.

service & repairs

If you have questions or need assistance, we're here to help.

Go to www.motorola.com/consumer/support, where you can select from a number of customer care options. You can also contact the Motorola Customer Support Center at 1-800-657-8909 (United States), 1-888-390-6456 (TTY/TDD United States for hearing impaired), or 1-800-461-4575 (Canada).

Specific Absorption Rate Data

The model wireless phone meets the government's requirements for exposure to radio waves.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government and by the Canadian regulatory authorities. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age or health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC and by the Canadian regulatory authorities is 1.6 W/kg.¹ Tests for SAR are conducted using standard operating positions accepted by the FCC and by Industry Canada with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station, the lower the power output.

Before a phone model is available for sale to the public in the U.S. and Canada, it must be tested and certified to the FCC and Industry Canada that it does

not exceed the limit established by each government for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) reported to the FCC and available for review by Industry Canada. The highest SAR value for this model phone when tested for use at the ear is 1.03 W/kg, and when worn on the body, as described in this user guide, is 0.84 W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and regulatory requirements).²

While there may be differences between the SAR levels of various phones and at various positions, they all meet the governmental requirements for safe exposure. Please note that improvements to this product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) Web site:

<http://www.phonefacts.net>.

or the Canadian Wireless Telecommunications Association (CwTA) Web site:

<http://www.cwta.ca>.

1. In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.
2. The SAR information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.



MOTOROLA

Important Safety and Legal Information

Safety and General Information

This section contains important information on the safe and efficient operation of your mobile device. Read this information before using your mobile device.*

Exposure to Radio Frequency (RF) Energy

Your mobile device contains a transmitter and receiver. When it is ON, it receives and transmits RF energy. When you communicate with your mobile device, the system handling your call controls the power level at which your mobile device transmits.

Your Motorola mobile device is designed to comply with local regulatory requirements in your country concerning exposure of human beings to RF energy.

Operational Precautions

For optimal mobile device performance and to be sure that human exposure to RF energy does not exceed the guidelines set forth in

* The information provided in this document supersedes the general safety information in user's guides published prior to May 1, 2006.

the relevant standards, always follow these instructions and precautions.

External Antenna Care

If your mobile device has an external antenna, use only a Motorola-supplied or approved replacement antenna. Use of unauthorized antennas, modifications, or attachments could damage the mobile device and/or may result in your device not complying with local regulatory requirements in your country.

DO NOT hold the external antenna when the mobile device is IN USE. Holding the external antenna affects call quality and may cause the mobile device to operate at a higher power level than needed.

Product Operation

When placing or receiving a phone call, hold your mobile device just like you would a landline phone.

If you wear the mobile device on your body, always place the mobile device in a Motorola-supplied or approved clip, holder, holster, case, or body harness. If you do not use a body-worn accessory supplied or approved by Motorola, keep the mobile device and its antenna at least 2.5 centimeters (1 inch) from your body when transmitting.

When using any data feature of the mobile device, with or without an accessory cable, position the mobile device and its antenna at least 2.5 centimeters (1 inch) from your body.

Using accessories not supplied or approved by Motorola may cause your mobile device to exceed RF energy exposure guidelines. For a list of Motorola-supplied or approved accessories, visit our Web site at: www.motorola.com.

RF Energy Interference/Compatibility

Nearly every electronic device is subject to RF energy interference from external sources if inadequately shielded, designed, or otherwise configured for RF energy compatibility. In some circumstances your mobile device may cause interference with other devices.

Follow Instructions to Avoid Interference Problems

Turn off your mobile device in any location where posted notices instruct you to do so. These locations include hospitals or health care facilities that may be using equipment that is sensitive to external RF energy.

In an aircraft, turn off your mobile device whenever instructed to do so by airline staff. If your mobile device offers an airplane mode or similar feature, consult airline staff about using it in flight.

Pacemakers

If you have a pacemaker, consult your physician before using this device.

Persons with pacemakers should observe the following precautions:

- ALWAYS keep the mobile device more than 20 centimeters (8 inches) from your pacemaker when the mobile device is turned ON.
- DO NOT carry the mobile device in the breast pocket.
- Use the ear opposite the pacemaker to minimize the potential for interference.
- Turn OFF the mobile device immediately if you have any reason to suspect that interference is taking place.

Hearing Aids

Some mobile devices may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer or physician to discuss alternatives.

Other Medical Devices

If you use any other personal medical device, consult your physician or the manufacturer of your device to determine if it is adequately shielded from RF energy.

Driving Precautions

Check the laws and regulations on the use of mobile devices in the area where you drive. Always obey them.

When using your mobile device while driving, please:

- Give full attention to driving and to the road. Using a mobile device may be distracting. Discontinue a call if you can't concentrate on driving.
- Use handsfree operation, if available.
- Pull off the road and park before making or answering a call if driving conditions so require.

Responsible driving practices can be found in the "Smart Practices While Driving" section at the end of this guide and/or at the Motorola Web site: www.motorola.com/callsmart.

Operational Warnings

Obey all posted signs when using mobile devices in public areas, such as health care facilities or blasting areas.

Automobile Air Bags

Do not place a mobile device in the air bag deployment area.

Potentially Explosive Atmospheres

Areas with potentially explosive atmospheres are often but not always posted, and can include fueling areas such as below decks

on boats, fuel or chemical transfer or storage facilities, or areas where the air contains chemicals or particles, such as grain, dust, or metal powders.

When you are in such an area, turn off your mobile device, and do not remove, install, or charge batteries. In such areas, sparks can occur and cause an explosion or fire.

Damaged Products

If your mobile device or battery has been submerged in water, punctured, or subjected to a severe fall, do not use it until you take it to a Motorola Authorized Service Center. Do not attempt to dry it with an external heat source, such as a microwave oven.

Batteries and Chargers

If jewelry, keys, beaded chains, or other conductive materials touch exposed battery terminals, this could complete an electrical circuit (short circuit), become very hot, and could cause damage or injury. Be careful when handling a charged battery, particularly when placing it inside a pocket, purse, or other container with metal objects. **Use only Motorola Original batteries and chargers.**

Caution: To avoid risk of personal injury, do not dispose of your battery in a fire.

Your battery, charger, or mobile device may contain symbols, defined as follows:



Symbol	Definition
	Important safety information follows.
	Do not dispose of your battery or mobile device in a fire.
	Your battery or mobile device may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
	Do not throw your battery or mobile device in the trash.
	Your mobile device contains an internal lithium ion battery.
	Do not let your battery, charger, or mobile device get wet.
	Listening at full volume to music or voice through a headset may damage your hearing.

Choking Hazards

Your mobile device or its accessories may include detachable parts, which may present a choking hazard to small children. Keep

your mobile device and its accessories away from small children.

Glass Parts

Some parts of your mobile device may be made of glass. This glass could break if the product is dropped on a hard surface or receives a substantial impact. If glass breaks, do not touch or attempt to remove. Stop using your mobile device until the glass is replaced by a qualified service center.

Seizures/Blackouts

Some people may be susceptible to epileptic seizures or blackouts when exposed to flashing lights, such as when playing video games. These may occur even if a person has never had a previous seizure or blackout.

If you have experienced seizures or blackouts, or if you have a family history of such occurrences, please consult with your physician before playing video games or enabling a flashing-lights feature (if available) on your mobile device.

Discontinue use and consult a physician if any of the following symptoms occur: convulsion, eye or muscle twitching, loss of awareness, involuntary movements, or disorientation. It is always a good idea to hold the screen away from your eyes, leave the lights on in the room, take a 15-minute break every hour, and stop use if you are very tired.

Caution About High Volume Usage



Listening at full volume to music or voice through a headset may damage your hearing.

Repetitive Motion

When you repetitively perform actions such as pressing keys or entering finger-written characters, you may experience occasional discomfort in your hands, arms, shoulders, neck, or other parts of your body. If you continue to have discomfort during or after such use, stop use and see a physician.

Industry Canada Notice to Users

Operation is subject to the following two conditions: (1) This device may not cause interference and (2) This device must accept any interference, including interference that may cause undesired operation of the device. See RSS-GEN 7.1.5.

FCC Notice To Users

Motorola has not approved any changes or modifications to this device by the user. Any changes or modifications could void the user's authority to operate the equipment. See 47 CFR Sec. 15.21.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. See 47 CFR Sec. 15.19(3).

If your mobile device or accessory has a USB connector, or is otherwise considered a computer peripheral device whereby it can be connected to a computer for purposes of transferring data, then it is considered a Class B device and the following statement applies:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is

encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Motorola Limited Warranty for the United States and Canada

What Does this Warranty Cover?

Subject to the exclusions contained below, Motorola, Inc. warrants its telephones, pagers, messaging devices, and consumer and professional two-way radios (excluding commercial, government or industrial radios) that operate via Family Radio Service or General Mobile Radio Service, Motorola-branded or certified accessories sold for use with these Products ("Accessories") and Motorola software contained on CD-ROMs or other tangible media and sold for use with these Products ("Software") to be free from defects in materials and workmanship under normal consumer usage for the period(s) outlined below. This limited warranty is a consumer's exclusive remedy, and applies as follows to new Motorola Products, Accessories and Software purchased by consumers in the United States or Canada, which are accompanied by this written warranty:

Products and Accessories

Products Covered	Length of Coverage
Products and Accessories as defined above, unless otherwise provided for below.	One (1) year from the date of purchase by the first consumer purchaser of the product unless otherwise provided for below.
Decorative Accessories and Cases. Decorative covers, bezels, PhoneWrap™ covers and cases.	Limited lifetime warranty for the lifetime of ownership by the first consumer purchaser of the product.
Monaural Headsets. Ear buds and boom headsets that transmit mono sound through a wired connection.	Limited lifetime warranty for the lifetime of ownership by the first consumer purchaser of the product.
Consumer and Professional Two-Way Radio Accessories.	Ninety (90) days from the date of purchase by the first consumer purchaser of the product.

Products Covered	Length of Coverage
Products and Accessories that are Repaired or Replaced.	The balance of the original warranty or for ninety (90) days from the date returned to the consumer, whichever is longer.

Exclusions

Normal Wear and Tear. Periodic maintenance, repair and replacement of parts due to normal wear and tear are excluded from coverage.

Batteries. Only batteries whose fully charged capacity falls below 80% of their rated capacity and batteries that leak are covered by this limited warranty.

Abuse & Misuse. Defects or damage that result from: (a) improper operation, storage, misuse or abuse, accident or neglect, such as physical damage (cracks, scratches, etc.) to the surface of the product resulting from misuse; (b) contact with liquid, water, rain, extreme humidity or heavy perspiration, sand, dirt or the like, extreme heat, or food; (c) use of the Products or Accessories for commercial purposes or subjecting the Product or Accessory to abnormal usage or conditions; or (d) other acts which are not the fault of Motorola, are excluded from coverage.

Use of Non-Motorola Products and Accessories. Defects or damage that result from the use of Non-Motorola branded or certified Products, Accessories, Software or other peripheral equipment are excluded from coverage.

Unauthorized Service or Modification. Defects or damages resulting from service, testing, adjustment, installation, maintenance, alteration, or modification in any way by someone other than Motorola, or its authorized service centers, are excluded from coverage.

Altered Products. Products or Accessories with (a) serial numbers or date tags that have been removed, altered or obliterated; (b) broken seals or that show evidence of tampering; (c) mismatched board serial numbers; or (d) nonconforming or non-Motorola housings, or parts, are excluded from coverage.

Communication Services. Defects, damages, or the failure of Products, Accessories or Software due to any communication service or signal you may subscribe to or use with the Products Accessories or Software is excluded from coverage.

Software

Products Covered	Length of Coverage
Software. Applies only to physical defects in the media that embodies the copy of the software (e.g. CD-ROM, or floppy disk).	Ninety (90) days from the date of purchase.

Exclusions

Software Embodied in Physical Media. No warranty is made that the software will meet your requirements or will work in combination with any hardware or software applications provided

by third parties, that the operation of the software products will be uninterrupted or error free, or that all defects in the software products will be corrected.

Software NOT Embodied in Physical Media. Software that is not embodied in physical media (e.g. software that is downloaded from the internet), is provided "as is" and without warranty.

Who Is Covered?

This warranty extends only to the first consumer purchaser, and is not transferable.

What Will Motorola Do?

Motorola, at its option, will at no charge repair, replace or refund the purchase price of any Products, Accessories or Software that does not conform to this warranty. We may use functionally equivalent reconditioned/refurbished/pre-owned or new Products, Accessories or parts. No data, software or applications added to your Product, Accessory or Software, including but not limited to personal contacts, games and ringer tones, will be reinstalled. To avoid losing such data, software and applications please create a back up prior to requesting service.

How to Obtain Warranty Service or Other Information

USA	Phones 1-800-331-6456 Pagers 1-800-548-9954 Two-Way Radios and Messaging Devices 1-800-353-2729
Canada	All Products 1-800-461-4575
TTY	1-888-390-6456
For Accessories and Software , please call the telephone number designated above for the product with which they are used.	

You will receive instructions on how to ship the Products, Accessories or Software, at your expense, to a Motorola Authorized Repair Center. To obtain service, you must include: (a) a copy of your receipt, bill of sale or other comparable proof of purchase; (b) a written description of the problem; (c) the name of your service provider, if applicable; (d) the name and location of the installation facility (if applicable) and, most importantly; (e) your address and telephone number.

What Other Limitations Are There?

ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY, OTHERWISE THE REPAIR, REPLACEMENT, OR REFUND AS PROVIDED UNDER THIS EXPRESS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER, AND IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. IN NO EVENT SHALL MOTOROLA BE LIABLE, WHETHER IN CONTRACT OR TORT (INCLUDING NEGLIGENCE) FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, ACCESSORY OR SOFTWARE, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA, SOFTWARE OR APPLICATIONS OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCTS, ACCESSORIES OR SOFTWARE TO THE FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW.

Some states and jurisdictions do not allow the limitation or exclusion of incidental or consequential damages, or limitation on the length of an implied warranty, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state or from one jurisdiction to another.

Laws in the United States and other countries preserve for Motorola certain exclusive rights for copyrighted Motorola software such as the exclusive rights to reproduce and distribute copies of the Motorola software. Motorola software may only be copied into, used in, and redistributed with, the Products associated with such Motorola software. No other use, including without limitation disassembly of such Motorola software or exercise of the exclusive rights reserved for Motorola, is permitted.

Hearing Aid Compatibility with Mobile Phones

Some Motorola phones are measured for compatibility with hearing aids. If the box for your particular model has “Rated for Hearing Aids” printed on it, the following explanation applies.

When some mobile phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed ratings for some of their mobile phones, to assist hearing device users in finding phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label on the box.

The ratings are not guarantees. Results will vary depending on the user’s hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device’s telecoil (“T Switch” or “Telephone Switch”) than unrated phones. T4 is the better/higher of the two ratings. (Note that not all hearing devices have telecoils in them.)

Hearing devices may also be measured for immunity to this type of interference. Your hearing device manufacturer or hearing health professional may help you find results for your hearing device. The more immune your hearing aid is, the less likely you are to experience interference noise from mobile phones.

Information from the World Health Organization

Present scientific information does not indicate the need for any special precautions for the use of mobile phones. If you are concerned, you may want to limit your own or your children's RF

exposure by limiting the length of calls or by using handsfree devices to keep mobile phones away from your head and body.

Source: WHO Fact Sheet 193

Further information: <http://www.who.int/peh-emf>

Product Registration

Online Product Registration:

`direct.motorola.com/hellomoto/
Motosupport/source/registration.asp`

Product registration is an important step toward enjoying your new Motorola product. Registering helps us facilitate warranty service, and permits us to contact you should your product require an update or other service. Registration is for U.S. residents only and is not required for warranty coverage.

Please retain your original dated sales receipt for your records. For warranty service of your Motorola Personal Communications Product you will need to provide a copy of your dated sales receipt to confirm warranty status.

Thank you for choosing a Motorola product.

Export Law Assurances

This product is controlled under the export regulations of the United States of America and Canada. The Governments of the United States of America and Canada may restrict the exportation

or re-exportation of this product to certain destinations. For further information contact the U.S. Department of Commerce or the Canadian Department of Foreign Affairs and International Trade.

Wireless: The New Recyclable

Your wireless mobile device can be recycled. Recycling your mobile device reduces the amount of waste disposed in landfills and allows recycled materials to be incorporated into new products.

The Cellular Telecommunications Industry Association (CTIA) and its members encourage consumers to recycle their mobile devices and have taken steps to promote the collection and environmentally sound recycling of end-of-life devices.

As a mobile device user, you have an important role in ensuring that this device is recycled properly. When it comes time to give this mobile device up or trade it in for a new one, please remember that the mobile device, the charger, and many of its accessories can be recycled. It's easy. To learn more about CTIA's Recycling Program for Used Wireless Devices, please visit us at:

[recycling.motorola.young-america.com/
index.html](http://recycling.motorola.young-america.com/index.html)

California Perchlorate Label

Some mobile phones use an internal, permanent backup battery on the printed circuit board that may contain very small amounts of perchlorate. In such cases, California law requires the following label:

"Perchlorate Material – special handling may apply. See www.dtsc.ca.gov/hazardouswaste/perchlorate."

There is no special handling required by consumers.

Smart Practices While Driving

Drive Safe, Call SmartSM

Check the laws and regulations on the use of mobile devices and their accessories in the areas where you drive. Always obey them. The use of these devices may be prohibited or restricted in certain areas. Go to www.motorola.com/callsmart for more information.

Your mobile device lets you communicate by voice and data—almost anywhere, anytime, wherever wireless service is available and safe conditions allow. When driving a car, driving is your first responsibility. If you choose to use your mobile device while driving, remember the following tips:

- **Get to know your Motorola mobile device and its features such as speed dial and redial.** If available, these features help you to place your call without taking your attention off the road.
- **When available, use a handsfree device.** If possible, add an additional layer of convenience to your mobile device with one of the many Motorola Original handsfree accessories available today.
- **Position your mobile device within easy reach.** Be able to access your mobile device without removing your



eyes from the road. If you receive an incoming call at an inconvenient time, if possible, let your voice mail answer it for you.

- **Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions.** Rain, sleet, snow, ice, and even heavy traffic can be hazardous.
- **Do not take notes or look up phone numbers while driving.** Jotting down a “to do” list or going through your address book takes attention away from your primary responsibility—driving safely.
- **Dial sensibly and assess the traffic; if possible, place calls when your car is not moving or before pulling into traffic.** If you must make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
- **Do not engage in stressful or emotional conversations that may be distracting.** Make people you are talking with aware you are driving and suspend conversations that can divert your attention away from the road.

- **Use your mobile device to call for help.** Dial 911 or other local emergency number in the case of fire, traffic accident, or medical emergencies.*
- **Use your mobile device to help others in emergencies.** If you see an auto accident, crime in progress, or other serious emergency where lives are in danger, call 911 or other local emergency number, as you would want others to do for you.*
- **Call roadside assistance or a special non-emergency wireless assistance number when necessary.** If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number.*

* Wherever wireless phone service is available.

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