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(M) Logo MOTOROLA
Digital Wireless Telephone
USER'S GUIDE
Transcribed from SJJN4541A

For use with model T280i
Part No. 6881042B03-O

NOTICE
    Motorola strives to make all our products accessible to as
many people as possible. Some features may not be accessible to
everyone. You may find that this phone has some features that are
impractical for people who are blind or visually impaired. We
welcome your comments about the accessibility of our products.
Call Customer Care 1-800-331-6456, extension 255.

     Welcome to the world of Motorola digital wireless
communications! We are pleased that you have chosen the Motorola
280i wireless phone.

                        KNOW YOUR PHONE
     Before you start to use your phone, take time to examine it.
The phone is basically a rectangle with an antenna on the end.
Place the phone on a flat surface with the antenna at the top
right, and look over the case.

THE EDGES OF THE CASE
     POWER KEY: The Power Key may be found at the top curve of the
case at the opposite end from the antenna. Turn the phone on and
off with this button.
     HEADSET JACK: You will find the Headset jack around the left
edge of the case, under the power key. Insert headset accessory
here.
     VOLUME KEYS: Continue following the case around the left edge
and you will find the Volume keys. These keys adjust earpiece and
ringer volume. The upper key will increase volume; the lower key
will decrease volume.
     ACCESSORY CONNECTOR PORT: This port is found at the bottom
edge of the case. Insert charger and phone accessories here. The
charger connection will use only the left side of the port.
     VOICE KEY: The Voice Key is on the right side of the case, at
about the same level as the Volume Keys. This key will allow you
to record voice notes, phonebook and shortcut names.

THE CASE FACE
     EARPIECE: The earpiece is at the top of the case front.
     DISPLAY: The display area is located under the earpiece. This
area may arrive from the factory with a protective plastic
covering. This serves no function in the use of the phone and may
be removed by pulling on the tab.

     The lower half of the phone holds the major function areas
for your phone.
     You will find a long button at the base of the display area.
This button is actually made up of three separate keys. The center
section is the MENU key and the right and left keys are the Right
and Left "soft" keys.
     LEFT SOFT KEY: Perform functions identified by left display
prompt. These directions will be specified in the manual
directions wherever possible.
     RIGHT SOFT KEY: Perform functions identified by right display
prompt. These directions will be specified in the manual
directions wherever possible.
     MENU: This is the main key for entering various menu
features.
     END KEY: This key is located under the Left soft key. It will
end phone calls and exit the menu system.
     SEND KEY: This key is located under the Right soft key. It
will send and answer calls, and display recent dialed calls list.

4-WAY NAVIGATION KEY: This key is found under the Menu key. It is used to move through menus and lists. To use the key, press the outside of the round key FROM the opposite side of the direction you want to move, and push TOWARD the direction you want to move. (Do not try to push directly on the center of the key; this will have no result.)

* IMPORTANT NOTE: Although this key may be used to navigate through the menu system, this use may be display dependent. The directions in this manual will be presented in a non-scroll navigation method. Details of using this method will be given within the sections of the various features. This key is referred to in this manual as "4-Way."

The bottom half of the phone face is a standard alphanumeric keypad. From the top to the bottom, and left to right, these keys are arranged as follows:

Row 1: 1--Message key, 2--abc, 3--def
Row 2: 4--ghi, 5--jkl, 6--mno
Row 3: 7--pqrs, 8--tuv, 9--wxyz
Row 4: Star Key--left arrow, 0--plus sign, Pound Key--right arrow

MICROPHONE: The microphone is found under the Pound key.

INFRARED DATA PORT: This feature allows for data transfer. The port is located at the top of the phone case, between the antenna and the PWR key. ###2
Personal Communications Sector
600 North U.S. Highway 45
Libertyville, Illinois 60048
1-800-331-6456 (United States)
1-888-390-6456 (TTY/TDD United States)
1-800-461-4575 (Canada)
www.motorola.com (United States)
www.motorola.ca (Canada)

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MENU MAP

NOTE: This Menu shows the various sub-menus within each Menu heading. The use of each of these will be described in detail in the section covering the subject. The items shown in all capital letters are the main menu selections. Sub-menus are lower case letters preceded by a dash. The SETTINGS menu has many sub-menus and sub-sub-menus. This menu is shown separately on page 4.

IMPORTANT: Keep in mind that when any of these menus are changed from the factory default, some of the directions shown in this manual may no longer be accurate.

MAIN MENU

NOTE: Some of these features are subscription dependent, and may not appear in your phone's menu unless you have subscribed to them. More details will be given regarding the Menu System within the body of this guide. The following list is an overview of the factory programmed original menu.

RECENT CALLS *
* NOTE: Some phones may have the Messages menu as the first item.
--Received Calls
--Dialed Calls
--Notepad
--Call Times
--Call Cost
--Data Times
--Data Volumes

SERVICE DIAL
FIXED DIAL
PHONEBOOK
DATEBOOK
MY JAVAAPPS
JAVA TOOLS
--Java System
--Network Access
--DNS IP
QUICK DIAL
PICTURE VIEWER
RADIO
CHAT
MESSAGES
--Create Message
--Text Msgs

```
    --Voicemail
    --Browser Alerts
    --Info Services
    --Quick Notes
    --Outbox
    --Drafts
    WEB SESSIONS
    SHORTCUTS
    VOICE NOTES
    SIM APPLICATIONS
    BROWSER
    CALCULATOR
    GAMES
    SETTINGS (see page 4)
    RING STYLES
    --Alert
    --Alert Detail
    --My Tones
```

SHORTCUTS
    Change display zoom: Press MENU then press and hold MENU
    Lock/unlock keypad: Press MENU, Star key
    Change ringer alert: Press Lower volume key to switch to vibrate alert, then silent alert. Press UPPER volume key to reset ring alert.
    Display my phone number: Press MENU, Pound key
    Go to dialed calls list: Press SEND
    Exit menu system: Press END
    Open phonebook: Press 4-Way down.
    Create phonebook entry: Press 4-Way up

    NOTE: This is the standard phone menu layout. Menu organization and feature names may vary on your phone. Not all features may be available for all users.
    For example, the Radio feature on the main menu (left) is displayed only when the optional FM Stereo Radio Headset accessory is plugged into the accessory connector port on your phone. ###4
SETTINGS MENU
    In this menu, sub-menus are shown in upper case letters; sub-sub-menus are shown in lower case letters, preceded by a dash.
```
    CALL FORWARD
    --Voice Calls
    --Fax Calls
    --Data Calls
    --Cancel All
    --Forward Status
    PHONE STATUS
    --My Tel. Numbers
    --Credit Info/Available
    --Active Line
    --Battery Meter
    --Other Information
    CONNECTION
    --IrDA Link
```

```
IN-CALL SETUP
--In-Call Timer
--Call Cost Setup
--My Caller ID
--Talk and Fax
--Answer Options
--Call Waiting
SECURITY
--Phone Lock
--Lock Keypad
--Lock Application
--Fixed Dial
--Call Barring
--SIM Pin
--New Passwords
OTHER SETTINGS
NOTE: This menu contains third level sub-menus. These third-
level menus will be shown in lower case letters without a dash.
--Personalize
Main Menu
Keys
Greeting
Wallpaper
Screen Saver
Quick Dial
--Initial Setup
Time and Date
1-Touch Dial
Auto Redial
Backlight
Zoom
TTY Setup
Scroll
Animation
Language
Battery Save
Contrast
DTMF
Master Reset
Master Clear
--Network
--Car Settings
--Headset
```

###5
CONTENTS
NOTE: In this Table of Contents, braille page numbers follow the print page numbers. All page numbers in the text refer to print pages.

IMPORTANT INFORMATION ON SAFE AND EFFICIENT OPERATION. READ THIS INFORMATION BEFORE USING YOUR PHONE.

The information provided in this document supersedes the general safety information contained in user guides published prior to July 2000. For information regarding radio use in a hazardous atmosphere please refer to the Factory Mutual (FM) Approval Manual Supplement or Instruction Card, which is included with radio models that offer this capability.

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.

RF OPERATIONAL CHARACTERISTICS

Your phone contains a transmitter and a receiver. When it is ON, it receives and transmits radio frequency (RF) energy. The phone operates in the frequency ranges of 880 MHz to 915 MHz, 1710 MHz to 1785 MHz, and 1850 MHz to 1910 MHz in digital mode.

When you communicate with your phone, the system handling your call controls the power levels at which your phone transmits. The output power level typically may vary over a range from 0.0 watts to 1.58 watts in digital mode for the 900MHz band, 0.0 watts to 1.00 watts in digital mode for the 1800MHz band, and 0.0 watts to 0.80 watts in digital mode for the 1900MHz band.

EXPOSURE TO RADIO FREQUENCY ENERGY

Your Motorola phone is designed to comply with the following national and international standards and guidelines regarding exposure of human beings to radio frequency electromagnetic energy: ###11

--United States Federal Communications Commission, Code of Regulations; 47 CFR part 2 sub-part J

--American National Standards Institute (ANSI)/Institute of Electrical and Electronic Engineers (IEEE) C95. 1-1992

--Institute of Electrical and Electronic Engineers (IEEE) C95.1-1999 Edition

--National Council on Radiation Protection and Measurements (NCRP) of the United States, Report 86, 1986

--International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1998

--Ministry of Health (Canada) Safety Code 6. Limits of Human Exposure to Radiofrequency Electromagnetic Fields in the Frequency Range from 3 kHz to 300 GHz, 1999

--Australian Communications Authority Radiocommunications (Electromagnetic Radiation--Human Exposure) Standard 1999

To assure optimal phone performance and make sure human exposure to radio frequency electromagnetic energy is within the guidelines set forth in the above standards, always adhere to the following procedures:

Portable Phone Operation and EME Exposure

Antenna Care: Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

Do NOT hold the antenna when the phone is in use. Holding the antenna affects call quality and may cause the phone to operate at a higher power level than needed.

Phone Operation: When placing or receiving a phone call, hold your phone as you would a wireline telephone. *Speak directly into the microphone*. ###12

Body-Worn Operation: To maintain compliance with FCC/Health Canada RF exposure guidelines, if you wear a phone on your body when transmitting, always place the phone in a Motorola-supplied or approved clip, holder, holster, case, or body harness for this product. Use of non-Motorola-approved accessories may exceed FCC/Health Canada RF exposure guidelines. If you do not use one of the Motorola-supplied or approved body-worn accessories, and are not using the phone held in the normal use position, *ensure the phone and its antenna are at least one inch (2.5 centimeters) from your body when transmitting*.

Data Operation: When using any data feature of the phone, with or without an accessory cable, *position the phone and its antenna at least one inch (2.5 centimeters) from your body*.

Approved Accessories: For a list of approved Motorola accessories, visit our website at www.mot.com.

ELECTROMAGNETIC INTERFERENCE/COMPATIBILITY

NOTE: Nearly every electronic device is susceptible to electromagnetic interference (EMI) if inadequately shielded, designed, or otherwise configured for electromagnetic compatibility.

Facilities: To avoid electromagnetic interference and/or compatibility conflicts, turn off your phone in any facility where posted notices instruct you to do so. Hospitals or health care facilities may be using equipment that is sensitive to external RF energy.

Aircraft: When instructed to do so, turn off your phone when on board an aircraft. Any use of a phone must be in accordance with applicable regulations per airline crew instructions. ###13

Medical Devices:

Pacemakers: The Advanced Medical Technology Association recommends that a minimum separation of 6 inches (15 centimeters) be maintained between a handheld wireless phone and a pacemaker. These recommendations are consistent with the independent research by, and recommendations of, the United States Food and Drug Administration.

Persons with pacemakers should:

--ALWAYS keep the phone more than six inches (15 centimeters) from your pacemaker when the phone is turned ON.

--NOT carry the phone in the breast pocket.

--use the ear opposite the pacemaker to minimize the potential for interference.

--turn OFF the phone immediately if you have any reason to suspect that interference is taking place.

Hearing Aids: Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer to discuss alternatives.

Other Medical Devices: If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from RF energy. Your physician may be able to assist you in obtaining this information. ###14 SAFETY AND GENERAL USE WHILE DRIVING

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

When using your phone while driving, please:

--give full attention to driving and to the road.

--use hands-free operation, if available.

--pull off the road and park before making or answering a call if driving conditions so require.

OPERATIONAL WARNINGS

For Vehicles With an Air Bag: Do not place a portable phone in the area over an air bag or in the air bag deployment area. Air bags inflate with great force. If a portable phone is placed in the air bag deployment area and the air bag inflates, the phone may be propelled with great force and cause serious injury to occupants of the vehicle.

Potentially Explosive Atmospheres: Turn off your phone prior to entering any area with a potentially explosive atmosphere, unless the phone is a model specifically identified as being "Intrinsically Safe." Do not remove, install, or charge batteries in such areas. Sparks in a potentially explosive atmosphere can cause an explosion or fire resulting in bodily injury or even death.

NOTE: The areas with potentially explosive atmospheres referred to above include fueling areas such as below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such as grain, dust, or metal powders, and any other area where you would normally be advised to turn off your vehicle engine. Areas with potentially explosive atmospheres are often but not always posted. ###15

Blasting Caps and Areas: To avoid possible interference with blasting operations, turn OFF your phone when you are near electrical blasting caps, in a blasting area, or in areas posted: "Turn off two-way radio." Obey all signs and instructions.

OPERATIONAL CAUTIONS

Antennas: Do not use any portable phone that has a damaged

antenna. If a damaged antenna comes into contact with your skin, a minor burn can result.

Batteries: All batteries can cause property damage and/or bodily injury such as burns if a conductive material such as jewelry, keys, or beaded chains touches exposed terminals. The conductive material may complete an electrical circuit (short circuit) and become quite hot. Exercise care in handling any charged battery, particularly when placing it inside a pocket, purse, or other container with metal objects.

ITC01-101

WHAT'S IN THE BOX?

Your digital wireless phone typically comes equipped with a battery and a charger. Other accessory options can customize your phone for maximum performance and portability.

To purchase Motorola Original (tm) accessories, please contact the Motorola Customer Call Center at 1-800-331-6456 in the United States or 1-800-461-4575 in Canada.

ABOUT THIS GUIDE

This user guide introduces you to the many features in your Motorola wireless phone.

Using the Alternate Format Manual: This manual has been prepared from the original print manual to offer as many options as possible for non-display use. For these options, specific directions will be given regarding the number of key presses to use for reaching a feature.

There are, however, some features that depend on the display for either use or setup. These features are designated as a DISPLAY DEPENDENT FEATURE or DISPLAY DEPENDENT SETUP. In these cases, directions will be given for using the display screen. NOTE: In many cases, features that are designated as DISPLAY DEPENDENT SETUP may be used without the display once the setup has been completed.

Select a Menu Feature

IMPORTANT NOTE: In order for the directions in this alternate format manual to work, the SCROLL feature MUST be set for "Wrap-Around." This is the default setting. See page 35 for detailed directions on reaching this feature.

Use the menu system to access your phone's features. This guide shows you how to select a menu feature as follows:
1. Press MENU (to enter the menu system), press 4-Way UP nine times: MESSAGES.
2. Press Right soft key to select. START: Text Msgs.
3. Press Right soft key to select.
NOTE: Press END to exit the menu system at any time.

This example shows that you must press MENU, scroll to and select Messages, then scroll to and select Text Msgs.
OPTIONAL FEATURES

The OPTIONAL FEATURE label identifies an optional network, SIM card, or subscription-dependent feature that may not be offered by all service providers in all geographical areas. Contact your service provider for more information.

OPTIONAL ACCESSORIES

The OPTIONAL ACCESSORY label identifies a feature that requires an optional Motorola Original (tm) accessory.

INSTALLING THE SIM CARD

Your SIM (Subscriber Identity Module) card contains your

phone number, service details, and phonebook/message memory.

CAUTION: Do not bend or scratch your SIM card. Avoid exposing your SIM card to static electricity, water, or dirt.

1. Switch off your phone by pressing and holding the PWR key, remove the battery cover and the battery. (See "Removing the Battery" on page 21.)

The SIM card compartment is located in the battery compartment of the phone. As you examine the compartment, you will notice that the bottom section is recessed, and has various irregularities in it. This area is the SIM card compartment.

Using your thumb, gently search the area until you find a section that moves from side to side and has a click as it slides. This is the SIM card holder.

2. Slide the SIM card holder towards the left until it clicks. Turning the phone over at this point will allow the cover to fall open. ###18

3. If necessary, remove the SIM card from the cover by sliding it out.

4. Notice that the SIM card has one corner that is angled. With the angled corner at the top right, slide the SIM card into the channels of the cover as far as you can. (It will extend beyond the cover about 1/8 inch.) This is the only way the SIM card will fit into the compartment. DO NOT TRY TO FORCE THE CARD TO FIT. You must have the card sliding down the channels of the cover.

5. Close the SIM cover, then press and slide it to the right to lock it into place.

6. Replace the battery and battery cover.

DISPLAY TIP: If the SIM card is inserted the wrong way around, or damaged, the CHECK CARD message may be displayed. Remove the SIM card, check that it is the right way around and then re-insert it into the phone.

If either of the BAD CARD SEE SUPPLIER or BLOCKED SEE SUPPLIER messages is displayed, then you need to contact your Service Provider.

INSTALLING THE BATTERY

Before you can use your phone, you need to install and charge the battery.

Your phone is designed to be used only with Motorola Original batteries and accessories. We recommend that you store batteries in their protective cases when not in use. ###19

1. Remove the battery from its protective clear plastic case.

2. If the phone's battery door is already in place, push down the battery door release latch, then slide the door down and lift off.

3. The battery is a flat rectangle with one notched edge. One side of the notched edge is indented and smooth; the other side has the battery contacts in the center. Insert the battery into the compartment with the contacts facing into the compartment and toward the top of the phone.

4. Push the battery down under the tabs at the top edge of the compartment, and snap it into place.

5. Replace the battery door, then slide the door up until it clicks into place. ###20 CHARGING THE BATTERY
New batteries are shipped partially charged. Before you can use your phone, you need to install and charge the battery, as indicated by the following instructions. Some batteries perform best after several full charge/discharge cycles.

1. Plug the travel charger into your phone with the release tab facing up. The charger is connected at the left side of the accessory port.
2. Plug the other end of the travel charger into the appropriate electrical outlet.
3. When your phone indicates that the battery is fully charged (DISPLAY: Charge Complete), press the release tab and remove the travel charger.

DISPLAY NOTE: When you charge the battery, the battery level indicator in the upper right corner of the display shows how much of the charging process is complete. ###21 REMOVING THE BATTERY

1. Push down on the battery-door release-latch (located about 2/3 of the way up the back of the phone case) then slide the door down and lift off.
2. Pull down the battery release latch located at the center bottom of the open compartment, immediately above the accessory port.
3. While holding the release latch down, pull up on the battery and remove it from the phone.

BATTERY USE
Battery performance depends on many factors, including your wireless carrier's network configuration; signal strength; the temperature at which you operate your phone; the features and/or settings you select and use; and your voice, data, and other application usage patterns. ###22 BATTERY CARE
CAUTION: To prevent injuries or burns, do not allow metal objects to contact or short-circuit the battery terminals.

To maximize your battery's performance:
--Always use Motorola Original batteries and battery chargers. The phone warranty does not cover damage caused from using non-Motorola batteries and/or battery chargers.
--New batteries or batteries that have been stored for long periods of time may require a longer charge time.
--Maintain the battery at or near room temperature when charging.
--Do not expose batteries to temperatures below -10 degrees C (14 degrees F) or above 45 degrees C (113 degrees F). Always take your phone with you when you leave your vehicle.
--When you do not intend to use a battery for a while, store it uncharged in a cool, dark, dry place, such as a refrigerator.
--Over extended periods of time, batteries gradually wear down and require longer charging times. This is normal. If you charge your battery regularly and notice a decrease in talk time

or an increase in charging time, then it is probably time to purchase a new battery. ###23

The rechargeable batteries that power this product must be disposed of properly and may need to be recycled. Refer to your battery's label for battery type. Contact your local recycling center for proper disposal methods. Never dispose of batteries in a fire because they may explode.

EXTENDING BATTERY LIFE
--Turn off the display backlight. See page 28.
--Turn off the screen saver. Using an animated screen saver reduces your phone's talk and standby time. To turn it off, see page 109.
--Minimize keypad-intense functions. Activities that require intensive keystroke use (such as playing a game or using messaging) reduce your phone's talk and standby time. Lock the keypad when storing the phone in your purse or pocket to avoid unnecessary keypad and backlight activations. See page 144.

TURNING YOUR PHONE ON
1. Press and hold PWR to turn on your phone. ###24
2. If necessary, enter your SIM card PIN code and press the Right soft key to unlock your SIM card.
CAUTION: If you enter an incorrect PIN code three times in a row, your SIM card is disabled and your phone displays the message SIM Blocked. See page 145.
3. If necessary, enter your four-digit unlock code and press the Right soft key to unlock your phone. The unlock code is originally set to 1234. Your service provider may change this number before you receive your phone.

ADJUSTING VOLUME
Press the up and down volume keys to:
--increase and decrease earpiece volume during a call
--increase and decrease the ringer volume setting when the idle display is visible
TIP: At the lowest volume setting, press the down volume key once to switch to vibrate alert. Press it again to switch to silent alert. Press the up volume key to cycle back to vibrate alert, then ring alert. ###25 MAKING A CALL
1. Press keypad keys to dial the phone number.
TIP: If you make a mistake, press LEFT soft key (DELETE) to delete the last digit, or press and hold LEFT soft key (DELETE) to clear all digits.
2. Press SEND to make the call.
3. Press END to end the call and "hang up" the phone when you are finished.

ANSWERING A CALL
When you receive a call, your phone rings and/or vibrates and displays an incoming call message.
NOTE: If the phone is locked, you must unlock it to answer the call.
1. Press SEND or Right soft key (ANSWER) to answer the call.

2. Press END to end the call and "hang up" the phone when you are finished.

     See page 1 for a detailed phone description.

USING THE DISPLAY
     NOTE: THIS IS A DISPLAY DEPENDENT FEATURE.
     The *idle display* is the standard display that is on the
screen when you are not on a call or using the menu.
     NOTE: Icons shown in the idle display are as described below.
Items marked by an asterisk are OPTIONAL FEATURES.
     --Signal Strength Indicator: Shows the strength of your
phone's connection with the network. The more segments shown, the
stronger the signal. You cannot send or receive calls when the *No
signal* indicator is displayed. ###27
     --In Use Indicator: Appears when a call is in progress.
     --Roam Indicator: * Shows that your phone is seeking or using
another network system outside your home network.
     --Message Waiting Indicator: * Appears when your phone
receives a text message.
     --Voice Message Waiting Indicator: * Appears when you receive
a voicemail message.
     --Battery Level Indicator: Vertical bars show the battery
charge level. Recharge the battery when *Low Battery* is displayed
or when you hear the low battery alert.
     --Active Line Indicator: * Shows the current active phone
line.
     --GPRS Indicator: * Shows that your phone is using a high-
speed GPRS network connection.
     --Menu Indicator: Indicates that you can press MENU to enter
the main menu or open a feature sub-menu.
     --Ring Style Indicator: Shows the ring style setting. DISPLAY
TIP: Icons will indicate: Loud ring; Soft ring; Vibrate/Ring and
Vibrate/Silent. ###28 Zooming In and Out
     NOTE: THIS IS A DISPLAY DEPENDENT FEATURE.
     Press and release MENU, then press and hold MENU to zoom in
and out on the display. Zoom in to increase text size, zoom out to
display more information.
     You can also zoom in and out from the menu:
     Find the Feature:
     Scroll menu path as follows--MENU, SETTINGS: Other Settings;
Initial Setup; ZOOM.

Setting Display Contrast
     NOTE: THIS IS A DISPLAY DEPENDENT FEATURE.
     Find the Feature:
     Scroll menu path as follows--MENU, SETTINGS: Other Settings;
Initial Setup; CONTRAST.

Adjusting the Backlight
     NOTE: THIS IS A DISPLAY ORIENTED FEATURE. *
     * The backlight feature is display oriented; you may want to
turn it off to conserve battery power.

     You can set the amount of time that the display backlight

remains on, or turn off the backlight to conserve battery power.
Find the Feature:
1. Press MENU, press 4-Way UP twice: SETTINGS. Press Right soft key to select.
2. Press 4-Way UP twice: OTHER SETTINGS. Press Right soft key to select.
3. Press 4-Way Down once: INITIAL SETUP. Press Right soft key to select.
4. Press 4-Way Down twice: BACKLIGHT. Press Right soft key to select. OFF will be the first option offered: Press Right soft key to select.

For DISPLAY DEPENDENT options for backlight:
Scroll menu path as follows--MENU, SETTINGS: Other Settings; Initial Setup; BACKLIGHT

NOTE: If your phone contains a blue display backlight, there may be a slight dimming of the backlight when the battery meter is at one bar. The backlight returns to full intensity when you recharge the battery. This is normal operation. ###29 USING THE 4-WAY NAVIGATION KEY
Use the 4-way navigation keys like a joystick to navigate the menu system, change feature settings, and play games. From the idle display, press 4-Way up or down to open the phonebook.
TIP: Down and up are your primary movements within menus. Move left and right to change feature settings, navigate the datebook, and edit text. See page 1 for more details about this key. ###30 USING MENUS
NAVIGATE TO A FEATURE:
Use these keys to move through the main menu:
Menu Key: Enter menu system, or open a sub-menu, when the Menu icon appears in bottom center of display, or when directions indicate to do so.
Right Soft Key: Perform function shown in lower right corner of display (usually SELECT the highlighted menu item). Detailed directions will be given for using this key.
Left Soft Key: Perform function shown in lower left corner of display (usually EXIT or BACK). Detailed directions will be given for using this key.
End Key: Exit menu system without making changes, return to idle display.
4-Way Navigation Key: Scroll UP or Down through menus and lists. Scroll left or right to cycle through and set value of highlighted menu item. From idle display, press up or down to open phonebook. Detailed directions will be given for using this key. ###31SELECT A FEATURE OPTION
Some features require you to select an item from a list:
NOTE: ALL LIST-SCROLLING IS DISPLAY DEPENDENT.
--Press BACK to go back to previous screen.
--Press MENU to open the sub-menu.
--Press VIEW to display details of highlighted item.
--Press 4-Way to scroll up or down to highlight the item you want.
--In a numbered list, press a number key to highlight the

item.
 --In an alphabetized list, press a key multiple times to cycle through the letters on the key and highlight the closest matching list item. ###32 ENTER FEATURE INFORMATION
 Some features require you to enter information:
 NOTE: SOME COMPONENTS INVOLVED IN ENTERING INFORMATION MAY BE DISPLAY DEPENDENT.
 --Press 4-Way to scroll down to additional items.
 --Press CANCEL to exit without making changes. DONE appears when you enter or edit information.
 --Press CHANGE to edit the information.
 --Enter numbers or text with the keypad.
 --When an item has a list of possible values, press 4-Way to the left or right to scroll through and select a value.
 --When an item has a list of possible numeric values, press a number key to set the value.
 --If you enter or edit information and do not want to save your changes, press END to exit without saving. ###33
 The message center lets you compose and send text messages. A *flashing cursor* shows where text will appear:
 --Press CANCEL to exit without making changes.
 --Press MENU to open the sub-menu.
 --Press BROWSE to display and insert quick note. ###34
 When you enter text using the standard tap method, the flashing cursor changes to a block cursor, and the soft key functions change:
 --Press OK to accept and store text.
 --*Block cursor* indicates current highlighted character.
 --After two seconds, block cursor reverts to flashing cursor and moves to next position.
 --Press DELETE to delete character to left of insertion point.

 SET THE MENU LANGUAGE
 NOTE: THIS IS A DISPLAY DEPENDENT FEATURE.
 You can set the language in which menu features and options are displayed.
 Find the Feature:
 Scroll menu path as follows--MENU, SETTINGS: Other Settings; Initial Setup; LANGUAGE ###35 SET MENU SCROLL BEHAVIOR.
 NOTE: THIS IS A DISPLAY ORIENTED FEATURE. *
 * This feature MUST be set to "wrap-around" for the directions in this alternate format manual to work. This is the default setting.

 You can set the highlight bar to stop or wrap around when you reach the top or bottom of a menu list.
 To ensure that this feature is set to "Wrap-Around" ...
 Find the Feature:
 1. Press MENU, press 4-Way UP twice: SETTINGS. Press Right soft key to select.
 NOTE: If the feature is set to UP-DOWN scrolling, there will be a duller sound when you try to press the 4-Way UP than when it

is pressed DOWN. If the feature is set for Up-Down, you may need to ask your service carrier or Motorola service representative to set this feature for you.

 2. Press 4-Way UP twice: OTHER SETTINGS. Press Right soft key to select.

 3. Press 4-Way Down once: INITIAL SETUP. Press Right soft key to select.

 4. Press 4-Way Down four times: SCROLL. Press Right soft key to select. Press 4-Way down once: WRAP-AROUND. Press Right soft key to select.

 SET MENU ANIMATION

 NOTE: THIS IS A DISPLAY ORIENTED FEATURE. *

 * Directions for this alternate format manual work better when the Animation feature is set to OFF. This is the default setting.

 To ensure that this feature is set to OFF ...

 Find the Feature:

 1. Press MENU, press 4-Way UP twice: SETTINGS. Press Right soft key to select.

 2. Press 4-Way UP twice: OTHER SETTINGS. Press Right soft key to select.

 3. Press 4-Way Down once: INITIAL SETUP. Press Right soft key to select.

 4. Press 4-Way Down five times: ANIMATION. Press Right soft key to select. Press 4-Way down once: OFF. Press Right soft key to select.

 Menu animation provides smooth scrolling of the highlight bar and menu items as you scroll through a menu list. Turn off menu animation to extend battery life.

 RESET ALL OPTIONS

 Reset all options back to their original factory settings, except for the unlock code, security code, and lifetime timer.

 Find the Feature:

 1. Press MENU, press 4-Way UP twice: SETTINGS. Press Right soft key to select.

 2. Press 4-Way UP twice: OTHER SETTINGS. Press Right soft key to select.

 3. Press 4-Way Down once: INITIAL SETUP. Press Right soft key to select.

 4. Press 4-Way UP twice: MASTER RESET. Press Right soft key to select, then enter Security code. The factory-set code is 000000.

 5. Press Right soft key to confirm the code: Reset All Phone Settings? Press LEFT soft key to select YES; press Right soft key to select NO.

 If you select YES to reset all options, the process will take 10-15 seconds to return the phone to idle display. ###36   CLEAR ALL STORED INFORMATION

 Reset all options back to their original factory settings, *except* for the unlock code, security code, and lifetime timer,

erase all downloaded pictures, animations, and sound files, and clear all user settings and entries except for information stored on the SIM card.

CAUTION: Master clear *erases all user-downloaded content and user-entered information* stored in your phone's memory, including phonebook and datebook entries. Once you erase the information, it cannot be recovered. Master clear does not delete any information stored on the SIM card.

Find the Feature:

1. Press MENU, press 4-Way UP twice: SETTINGS. Press Right soft key to select.

2. Press 4-Way UP twice: OTHER SETTINGS. Press Right soft key to select.

3. Press 4-Way Down once: INITIAL SETUP. Press Right soft key to select.

4. Press 4-Way UP once: MASTER CLEAR. Press Right soft key to select, then enter Security code. The factory-set code is 000000.

5. Press Right soft key to confirm the code: Clear All Phone Data? Press LEFT soft key to select YES; press Right soft key to select NO.

If you select YES to clear all data, the process will take 10-15 seconds to return the phone to idle display.

ENTERING TEXT

NOTE: ALL FACETS OF TEXT MESSAGES ARE DISPLAY DEPENDENT.

Multiple text entry methods make it easy for you to enter names, numbers, and messages on your phone.

CHOOSE A TEXT MODE

Press MENU then *Entry Method* from any text entry screen to select a text mode:

iTAP: Let the phone predict each word as you enter it. See page 41.

Tap Method: Enter letters, numbers, and symbols by pressing a key one or more times. See page 37. ###37

Numeric: Enter numbers only.

Symbol: Enter symbols only. See page 40.

Browse: Browse your phonebook or recent call lists to select a name or number.

NOTE: The text mode you select remains active until you change it by selecting another mode.

USE TAP METHOD

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

Press MENU then *Entry Method* from any text entry screen and select the Tap Method menu option.

1. Press a number key one or more times to select a letter, number, or symbol shown in the "Character Chart" on page 39.

2. Continue pressing number keys to enter the remaining characters.

3. Press OK to store the text when you are finished. ###38

GENERAL TEXT ENTRY RULES

Press a number key repeatedly to cycle through its characters. See "Character Chart" on page 39.

--Press a number key as many times as necessary to enter the desired character at flashing cursor location.

--Press and hold a number key to cycle between text entry modes.

--Press 4-Way UP or Down to change letter in block cursor to uppercase or lowercase.

--Press 4-Way LEFT or Right to move flashing cursor to the left or right in text message.

--If you do not press a key for two seconds, the character in the block cursor is accepted, and the cursor moves to the next position.

--The first character of every sentence is capitalized. (Press 4-Way Down to force the character to lowercase while it is highlighted by the block cursor.) ###39

--Your phone may support multiple languages. The current language setting determines whether a new message begins on the left or right side of the display.

You can switch languages within a text message. Press MENU then *Entry Method* from any text entry screen to select the text mode and language you want to use.

CHARACTER CHART

Use this chart as a guide for entering spaces, letters, numbers, and symbols with the tap method.

The number of times each key is pressed is shown in the chart below.

1:

Press once: Space
Press two times: Period
Press three times: 1
Press four times: Question mark
Press five times: Exclamation point
Press six times: Comma
Press seven times: "at" sign
Press eight times: Underscore
Press nine times: Ampersand
Press ten times: Tilde
Press eleven times: Colon
Press twelve times: Semicolon
Press thirteen times: Quotation mark
Press fourteen times: Hyphen
Press fifteen times: Open parentheses
Press sixteen times: Close parentheses
Press seventeen times: Apostrophe
Press eighteen times: Opening interrogation mark
Press nineteen times: Opening exclamation point
Press twenty times: Percent sign

```
      Press twenty-one times: British Pound-Sterling sign
      Press twenty-two times: U.S. Dollar sign
      Press twenty-three times: Yen sign
      Press twenty-four times: currency sign
      Press twenty-five times: bullet sign
      Press twenty-six times: Euro sign

2-ABC
      Press once: A
      Press two times: B
      Press three times: C
      Press four times: 2
      Press five times: Diaeresis A
      Press six times: A-ring
      Press seven times: A Acute
      Press eight times: A Grave
      Press nine times: A tilde
      Press ten times: Alpha
      Press eleven times: Alpha acute
      Press twelve times: Beta
      Press thirteen times: Cedilla C

3-DEF
      Press once: D
      Press two times: E
      Press three times: F
      Press four times: 3
      Press five times: Delta
      Press six times: Diaeresis e
      Press seven times: E Acute
      Press eight times: E Grave
      Press nine times: E Circumflex
      Press ten times: Epsilon
      Press eleven times: Epsilon acute
      Press twelve times: Phi

4-GHI
      Press once: G
      Press two times: H
      Press three times: I
      Press four times: 4
      Press five times: Diaeresis I
      Press six times: I Acute
      Press seven times: I circumflex
      Press eight times: Gamma
      Press nine times: Eta
      Press ten times: Eta acute
      Press eleven times: Iota
      Press twelve times: Iota acute

5-JKL
      Press once: J
      Press two times: K
      Press three times: L
```

```
     Press four times: 5
     Press five times: Kappa
     Press six times: Lambda


6-MNO
     Press once: M
     Press two times: N
     Press three times: O
     Press four times: 6
     Press five times: N Tilde
     Press six times: O Diaeresis
     Press seven times: Slashed O
     Press eight times: O Acute
     Press nine times: O Grave
     Press ten times: O Circumflex
     Press eleven times: O Tilde
     Press twelve times: Mu
     Press thirteen times: Nu
     Press fourteen times: Omega
     Press fifteen times: Omega Acute


7-PQRS
     Press once: P
     Press two times: Q
     Press three times: R
     Press four times: S
     Press five times: 7
     Press six times: Pi
     Press seven times: German double-S
     Press eight times: Sigma


8-TUV
     Press once: T
     Press two times: U
     Press three times: V
     Press four times: 8
     Press five times: Theta
     Press six times: Umlaut U
     Press seven times: U Acute
     Press eight times: U Grave


9-WXYZ
     Press once: W
     Press two times: X
     Press three times: Y
     Press four times: Z
     Press five times: 9
     Press six times: Xi
     Press seven times: Psi
     Press eight times: Tau


0
     Press once: Plus sign
     Press two times: Minus sign
```

Press three times: 0
Press four times: Times sign
Press five times: Asterisk
Press six times: Slash
Press seven times: Back slash
Press eight times: Open bracket
Press nine times: Close bracket
Press ten times: Equal sign
Press eleven times: Greater than sign
Press twelve times: Less than sign
Press thirteen times: Number sign (Or Pound sign)
Press fourteen times: Section mark

NOTE: This chart may not reflect the exact character set available on your phone. ###40
USE SYMBOL MODE
Your phone provides an alternate way to enter symbol characters in a message. Press MENU, then *Entry Method* from any text entry screen and select the Symbol menu option.

Symbol Chart
Use this chart as a guide for entering symbols in symbol mode.

1:
Press once: Space
Press two times: Period
Press three times: Question mark
Press four times: Exclamation point
Press five times: Comma
Press six times: "at" sign
Press seven times: Underscore
Press eight times: Ampersand
Press nine times: Tilde
Press ten times: Colon
Press eleven times: Semicolon
Press twelve times: Quotation mark
Press thirteen times: Hyphen
Press fourteen times: Open parentheses
Press fifteen times: Close parentheses
Press sixteen times: Apostrophe
Press seventeen times: Opening interrogation mark
Press eighteen times: Opening exclamation point
Press nineteen times: Percent sign
Press twenty times: British Pound-Sterling sign
Press twenty-one times: U.S. Dollar sign
Press twenty-two times: Yen sign
Press twenty-three times: Currency sign
Press twenty-four times: Euro sign

2-ABC
Press once: "at" sign
Press twice: Underscore

Press three times: Back slash

3-DEF
        Press once: Slash
        Press twice: Colon
        Press three times: Semi-colon

4-GHI
        Press once: Quote mark
        Press twice: Ampersand
        Press three times: Apostrophe ###41 5-JKL
        Press once: Open parenthesis
        Press two times: Close parenthesis
        Press three times: Open bracket
        Press four times: Close bracket
        Press five times: Open brace
        Press six times: Close brace

6-MNO
        Press once: open Interrogation mark
        Press two times: Open exclamation mark
        Press three times: Tilde

7-PQRS
        Press once: Less than sign
        Press two times: Greater than sign
        Press three times: Equal sign

8-TUV
        Press once: U.S. dollar sign
        Press two times: British pound-sterling sign
        Press three times: Yen sign
        Press four times: Currency sign
        Press five times: Euro

9-WXYZ
        Press once: Pound sign
        Press two times: Percent sign
        Press three times: Asterisk

0
        Press once: Plus sign
        Press two times: Minus sign
        Press three times: Times sign
        Press four times: Asterisk
        Press five times: Slash
        Press six times: Equal sign
        Press seven times: Less than sign
        Press eight times: Greater than sign
        Press nine times: Pound sign
        Press ten times: Section mark

        USE ITAP (tm) SOFTWARE PREDICTIVE TEXT ENTRY METHOD
        iTAP (tm) software provides a predictive text entry method

that lets you enter a word using one keypress per letter.
Press MENU, then *Entry Method* from any text entry screen and select the iTAP menu option.

Entering Words
1. Press a number key one time to enter the first letter of the word.
The letters associated with the key are shown at the bottom of the display.
2. Press number keys (one per letter) to enter the rest of the word.
Alternative words and letter combinations are shown at the bottom of the display. The word choices are updated with each keypress. ###42
3. Press 4-Way to highlight the word you want.
4. Press SELECT to enter the word at the flashing cursor location.
A space is automatically inserted after the word.

For example, to spell the word "act," press 2. 2. 8.
The display shows:
--Act, Cat, Bat, Abu, Cau, Cav are shown across the lower portion of the display.
--Flashing cursor indicates insertion point.
--Press 4-Way to scroll and display additional word choices.
--Press DELETE to clear the last letter.
--Press SELECT to insert the highlighted word. ###43
Entering Novel Words
You may enter a word that the iTAP software does not recognize. If the word is not displayed:
1. Press DELETE one or more times to delete letters until the display shows a letter combination that matches the start of the word.
2. Press 4-Way to highlight the letter or letter combination.
3. Press SELECT, then press 4-Way to the left to shift the text entry cursor to the left and "lock" the selected word portion.
4. Continue to enter letters and highlight letter combinations to spell the word.

OPTIONAL FEATURE:
Your phone stores the unrecognized word, and includes it in the list of alternative word choices the next time you enter it. When memory space for storing unrecognized words is filled, your phone deletes the oldest words as new words are added.

Entering Punctuation
Press 1 or 0 to enter punctuation or other characters as shown in the "Character Chart" on page 39 ###44
Using Capitalization
The first word of a sentence is automatically capitalized, with following words in lowercase.
--Press 4-Way up or down to change the words to initial

character capitalized, all uppercase characters, or all lowercase characters.

Entering Numbers
1. Enter the first digit and then highlight it to put the iTAP software in number entry mode.
2. Press number keys to add digits to the number.
3. Press SELECT to enter the number at the flashing cursor location.

Deleting Letters and Words
Place the cursor to the right of the text that you want to delete, and then do the following:

--Press DELETE to delete one letter at a time.
--Hold DELETE to delete the entire message. ###45 STORING YOUR NAME AND NUMBER
OPTIONAL FEATURE:
NOTE: THIS IS A DISPLAY DEPENDENT FEATURE.
To store or edit user name and phone number information on your SIM card:
Find the Feature:
Scroll menu path as follows--MENU, SETTINGS: Phone Status; MY TEL. NUMBERS.

SETTING TIME AND DATE
NOTE: THIS IS A DISPLAY DEPENDENT FEATURE.
You must set the correct time and date on your phone to use the datebook application.
Find the Feature:
Scroll menu path as follows--MENU, SETTINGS: Other Settings; Initial Setup; TIME AND DATE.

CHANGING THE ACTIVE LINE
OPTIONAL FEATURE:
NOTE: This feature may not appear in the menu unless you have a second line.

Change the active phone line to make and receive calls from your other phone number.
NOTE: This feature is available only for dual-line enabled SIM cards.
Find the Feature:
1. Press MENU, press 4-Way UP twice: SETTINGS. Press Right soft key to select.
2. Press 4-Way Down once: PHONE STATUS. Press Right soft key to select.
3. Press 4-Way Down once: ACTIVE LINE. Press Right soft key to select. The active line indicator shows the current active phone line. See page 26.
NOTE: If you also subscribe to the optional CREDIT INFO feature, press 4-Way twice in step 3 above.
4. Press 4-Way Down to change the phone line, then press Right soft key to select. ###46 CONSERVING BATTERY POWER

Some networks and phones include a battery save setting to conserve battery power.

Find the Feature:

1. Press MENU, press 4-Way UP twice: SETTINGS. Press Right soft key to select.

2. Press 4-Way UP twice: OTHER SETTINGS. Press Right soft key to select.

3. Press 4-Way Down once: INITIAL SETUP. Press Right soft key to select.

4. Press 4-Way UP five times: BATTERY SAVE. Press Right soft key to select. The first option offered is ON; press Right soft key to select. To change to OFF, press 4-Way Down once, then Right soft key to select.

MONITORING BATTERY CHARGE

NOTE: THIS IS A DISPLAY DEPENDENT FEATURE.

To display a detailed battery charge meter:

Find the Feature:

Scroll menu path as follows--MENU, SETTINGS: Phone Status; BATTERY METER.

VIEWING PHONE SPECIFICATIONS

NOTE: THIS IS A DISPLAY DEPENDENT FEATURE.

To display your phone's feature specifications (if available from the service provider):

Find the Feature:

Scroll menu path as follows--MENU, SETTINGS: Phone Status; OTHER INFORMATION.

    For basic instructions on how to make a call and answer a call, see page 25.

VIEWING YOUR PHONE NUMBER
    NOTES:
    --THIS IS A DISPLAY DEPENDENT FEATURE.
    --Your phone number must be stored on your SIM card to use this feature. See page 45.
    From the idle display:
    --Press MENU, Pound key to display your phone number.

    While you are on a call:
    --Press MENU, then scroll to My Tel. Numbers to display your phone number.

REDIALING A NUMBER
    NOTE: ALL LIST-SCROLLING FEATURES ARE DISPLAY DEPENDENT.
    1. Press SEND to display the dialed calls list.
    2. Press 4-Way to scroll to the entry you want to call.
    3. Press SEND to redial the number. ###48 USING AUTOMATIC REDIAL
    OPTIONAL FEATURE:
    NOTE: This feature may not appear in the menu unless you subscribe to it.

    When you receive a busy signal, your phone displays *Call Failed*.
    With automatic redial, your phone automatically redials the number. 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 the Feature:
    1. Press MENU, press 4-Way UP twice: SETTINGS. Press Right soft key to select.
    2. Press 4-Way UP twice: OTHER SETTINGS. Press Right soft key to select.
    3. Press 4-Way Down once: INITIAL SETUP. Press Right soft key to select.
    4. Press 4-Way Down twice: AUTO REDIAL. Press Right soft key to select. The first option offered is ON; press Right soft key to select. To change to OFF, press 4-Way Down once, then Right soft key to select.

    When automatic redial is turned off, you can manually activate the feature to redial a phone number. When you hear a busy signal and *Call Failed* is displayed:
    --Press SEND or Right soft key (RETRY) to activate automatic redial.

USING CALLER ID
    OPTIONAL FEATURE:

NOTE: THIS IS A DISPLAY DEPENDENT FEATURE.

INCOMING CALLS
Calling line identification (caller ID) displays the phone number for incoming calls.
Your phone displays the caller's name when the name is stored in your phonebook, or Incoming Call when caller ID information is not available. ###49
OUTGOING CALLS
You can show or hide your phone number as an ID for the calls that you make.
Find the Feature:
Scroll menu path as follows--MENU, SETTINGS: In-Call Setup; MY CALLER ID.

You can override the default caller ID setting when you make a call. While dialing (with digits visible in the display):
--Press MENU, Hide ID/Show ID to hide or show your caller ID for the next call.

CANCELING AN INCOMING CALL
While the phone is ringing or vibrating:
--Press END or LEFT soft key (IGNORE) to cancel the incoming call

OPTIONAL FEATURE:
Depending on your phone settings and/or service subscription, the call may be forwarded to another number, or the caller may hear a busy signal. ###50 TURNING OFF A CALL ALERT
You can turn off your phone's incoming call alert before answering the call.
--Press either volume key to turn off the alert.

CALLING AN EMERGENCY NUMBER
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 or the SIM card is not inserted.
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. Press keypad keys to dial the emergency number.
2. Press SEND to call the emergency number. ###51 DIALING INTERNATIONAL NUMBERS
To dial the local international access code:
--Press and hold 0 to insert the international access code (plus sign) for the country from which you are calling.

VIEWING RECENT CALLS
NOTE: THIS IS A DISPLAY DEPENDENT FEATURE.
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 ones are added.
     SHORTCUT: Press SEND to go directly to the dialed calls list
from the idle display.
     Find the Feature:
Scroll menu path as follows--MENU, RECENT CALLS.

     1. Press 4-Way to scroll to *Received Calls* or *Dialed Calls*.
     2. Press SELECT to select the list.
     3. Press 4-Way to scroll to an entry.
     Note: A check-mark means the call connected. ###52
     4. Press SEND to call the entry's number.
     OR,
     Press VIEW to display entry details.
     OR,
     Press MENU to open the Last Calls Menu to perform other
procedures as described in the following list.

     The LAST CALLS MENU includes the following options:
     STORE: Create a phonebook entry with the number in the No.
field.
     DELETE: Delete the entry.
     DELETE ALL: Delete all entries in the list.
     HIDE ID/SHOW ID: Hide or show your caller ID for the next
call.
     SEND MESSAGE: Open a new text message with the number in the
To field.
     ADD DIGITS: Add digits after the number.
     ATTACH NUMBER: Attach a number from the phonebook or recent
call lists.
     SEND TONES: Send the number to the network as DTMF tones.
     TALK THEN FAX: Talk and then send a fax in the same call. See
page 129. (OPTIONAL FEATURE) ###53 RETURNING AN UNANSWERED CALL
     NOTE: THIS IS A DISPLAY DEPENDENT FEATURE.
     Your phone keeps a record of your unanswered calls, and
displays:
     --the missed call indicator
     --*X Missed Calls*, where X is the number of missed calls
     1. Press VIEW to display the received calls list.
     2. Press 4-Way to select a call to return.
     3. Press SEND to make the call.

USING THE NOTEPAD
     NOTE: THIS IS A DISPLAY DEPENDENT FEATURE.
     Your phone stores the most recent string of digits entered on
the keypad in a temporary memory location called the *notepad*. 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 the Feature:
Scroll menu path as follows--MENU, RECENT CALLS; NOTEPAD.
     --Press SEND to call the number, OR,
     --Press MENU to open the Dialing Menu to attach a number or
insert a special character, OR,

--Press STORE to create a phonebook entry with the number in the No. field. ###54 ATTACHING A NUMBER
NOTE: THIS IS A DISPLAY DEPENDENT FEATURE.
While dialing (with digits visible in the display):
--Press MENU, Attach Number to attach a number from the phonebook or recent call lists.

CALLING WITH SPEED DIAL
Each entry you store in your phonebook is assigned a unique speed dial number that identifies the location where the entry is stored in phone memory or on the SIM card. To speed dial a phonebook entry:
1. Press keypad keys to enter the speed dial number for the entry you want to call.
2. Press Pound key to submit the number.
3. Press SEND to call the entry. ###55 CALLING WITH 1-TOUCH DIAL
To call phonebook entries 1 through 9, just press and hold the one-digit speed dial number for one second.
TIP: You must specify which phone number list you want to use with this feature: phone memory phonebook, or SIM card phonebook. See page 96.

USING VOICEMAIL
OPTIONAL FEATURE:
You can listen to your voicemail messages by calling your network voicemail phone number. Voicemail messages are stored on the network--not on your phone.

STORE YOUR VOICEMAIL NUMBER
Storing your voicemail number in your phone makes it easy for you to listen to new voicemail messages. In many cases, your service provider has already done this for you.
Find the Feature:
1. Press MENU, press 4-Way UP nine * times: SETTINGS. Press Right soft key to select.
* If your phone offers the SIM Applications feature, add one key press to this step.
2. Press 4-Way Down twice: Voicemail. DO NOT PRESS SELECT AT THIS TIME; go to step 3.
3. Press MENU to open the Voicemail menu, then press 4-Way Down three times: VOICEMAIL SETUP. Press Right soft key to select.
4. Press keypad keys to enter your voicemail number then press Right soft key (OK) to store the number.
NOTE: Press LEFT soft key to DELETE a previous number, or to correct an error. ###56
RECEIVE A VOICEMAIL MESSAGE
When you receive a voicemail message, your phone displays the voice message waiting indicator and a *New VoiceMail* notification.
--Press Right soft key (CALL) to listen to the message.

If reminders are turned on, your phone sends a reminder at regular intervals until you close the new message notification,

listen to the message, or turn off your phone.

LISTEN TO A VOICEMAIL MESSAGE
Find the Feature:
1. Press MENU, press 4-Way UP nine * times: SETTINGS. Press Right soft key to select.
* If your phone offers the SIM Applications feature, add one key press to this step.
2. Press 4-Way Down twice: Voicemail. Press Right soft key to call the stored voicemail number.

The phone calls your voicemail number. If no voicemail number is stored, your phone prompts you to store one. (See "Store Your Voicemail Number" on page 55.)

VOICE DIALING
To voice dial a phone number stored in your phonebook:
--Press and release the voice key, then say the entry's voice name (in two seconds) to call the phonebook entry.
To record a voice name, see page 88. ###57 USING CALL WAITING
OPTIONAL FEATURE:
When you are on a call, an alert tone sounds to indicate that you have received a second call.

1. Press SEND to answer the new call.
2. Press Right soft key (SWITCH), to switch between calls,
OR,
Press LEFT soft key (LINK) to connect the two calls,
OR,
Press MENU, then press *End Call On Hold* to end the call on hold.

You must turn on call waiting to use the feature. To turn call waiting on or off:
Find the Feature:
1. Press MENU, press 4-Way UP twice: SETTINGS. Press Right soft key to select.
2. Press 4-Way up four times: IN-CALL SETUP. Press Right soft key to select.
3. Press 4-Way up once: CALL WAITING. Press Right soft key to select. The first option offered is ON; press Right soft key to select. To change to OFF, press 4-Way Down once, then Right soft key to select.

PUTTING A CALL ON HOLD
--Press Right soft key (HOLD) (if available) to put the call on hold,
OR,
Press MENU, HOLD. ###58 TRANSFERRING A CALL
NOTE: THIS IS A DISPLAY DEPENDENT FEATURE.
OPTIONAL FEATURE:
You can announce that you are transferring an active call to another party, or you can directly transfer the call.

ANNOUNCE THE CALL TRANSFER
Find the Feature:
Scroll menu path as follows--MENU, HOLD.
1. Press keypad keys to dial the number where you are transferring the call.
2. Press SEND to call the number and speak to the person who answers.
3. Press MENU to open the menu.
4. Press 4-Way to scroll to *Transfer*.
5. Press SELECT to select *Transfer*.
6. Press OK to confirm the transfer.

DO NOT ANNOUNCE THE CALL TRANSFER
Find the Feature:
Scroll menu path as follows--MENU, TRANSFER.
1. Press keypad keys to dial the number where you are transferring the call.
2. Press SEND to transfer the call. ###59 MAKING A CONFERENCE CALL
OPTIONAL FEATURE:
Link an active call and a call on hold together so that all parties can speak to each other.
TIP: Repeat steps 3-6 to add additional parties to the conference call.
1. Press keypad keys to dial the first party's number.
2. Press SEND to call the number.
3. Press Right soft key (HOLD) (if available) to put the call on hold.
OR, DISPLAY DEPENDENT METHOD,
Press MENU, scroll to *Hold* and select.
4. Press keypad keys to dial the next party's number.
5. Press SEND to call the number.
6. Press LEFT soft key (LINK) to connect the two calls.
7. Press END to end the entire call. ###60 FORWARDING CALLS
You can forward your phone's incoming voice, fax, and/or data calls directly to another phone number.

SET UP OR CANCEL CALL FORWARDING
NOTE: THIS IS A DISPLAY DEPENDENT SETUP.
The forwarding options for voice, fax, or data calls are:
All Calls: forward all calls
If Unavailable: forward calls if your phone is unavailable
Detailed: set different forwarding numbers if you are out of range, unable to answer, or busy (voice calls only)
Off: do not forward calls
Find the Feature:
Scroll menu path as follows--MENU, SETTINGS: CALL FORWARD.

1. Press 4-Way to scroll to the type of calls you want to forward.
Scroll to *Cancel All* to cancel all call forwarding.
2. Press Right soft key (SELECT) to display call forwarding

details.
     3. Press 4-Way to scroll to *Forward*.
     4. Press Right soft key (CHANGE) select *Forward*.
     5. Press 4-Way to scroll to a forwarding option.
     6. Press Right soft key (SELECT) to store the option. ###61
     7. Press 4-Way to scroll to *To* (for Detailed forwarding, scroll to *If Busy*, *If No Answer*, or *If Unreachable*).
     8. Press Right soft key (CHANGE) to select *To*.
     9. Press keypad keys to enter the forwarding phone number,
     OR,
     Press Right soft key (BROWSE) to select a number from the phonebook or recent call lists.
     10. Press Right soft key (OK) to store the number.
     11. Press LEFT soft key (DONE) to save call forwarding settings.
     NOTE: Repeat this procedure to enter forwarding information for other call types.

     CHECK CALL FORWARDING STATUS
     NOTE: THIS IS A DISPLAY DEPENDENT FEATURE.
     Your network may store call forwarding status for you. To confirm the network call forwarding settings:
     Find the Feature:
     Scroll menu path as follows--MENU, SETTINGS: Call Forward; FORWARD STATUS.
     1. Press 4-Way to scroll to *Voice*, *Fax*, or *Data*.
     2. Press Right soft key (VIEW) to confirm the network setting. ###62 BARRING CALLS
     OPTIONAL FEATURE:
     Call barring lets you restrict outgoing or incoming calls. You can restrict all calls, calls to international numbers, or calls while roaming.
     Find the Feature:
     1. Press MENU, press 4-Way UP twice: SETTINGS. Press Right soft key to select.
     2. Press 4-Way UP twice: SECURITY. Press Right soft key to select.
     3. Press 4-Way UP three times: CALL BARRINGS. Press Right soft key to select.
     In the CALL BARRING MENU:
     1. Reach *Outgoing* or *Incoming* calls:
     --*Outgoing Calls* is the first option offered;
     --Press 4-Way Down once to reach *Incoming Calls*.
     2. Press Right soft key (CHANGE) to select the option.
     3. Reach a restriction setting;
     --*Int'l calls* is the first option offered;
     --*All Except Home*: Press 4-Way Down once;
     --*All*: Press 4-Way UP twice;
     --*Off*: Press 4-Way UP once.
     4. Press Right soft key (SELECT) to select the restriction setting.
     5. keypad keys enter your call barring password
     6. Press Right soft key (OK) to submit your password

NOTE: ALL FEATURES IN THIS CHAPTER ARE DISPLAY DEPENDENT.
OPTIONAL FEATURE:
Text messages are brief messages that you can send and receive.
Quick notes are pre-written text messages that you can incorporate into a message and send quickly.

Your text message inbox must be set up *before* you can send and receive messages. The number of messages the inbox can hold depends on the length of the messages, and the number of other messages and drafts stored on your phone.

SETTING UP THE TEXT MESSAGE INBOX
NOTE: In many cases, your service provider has already set up the text message inbox for you.
Find the Feature:
Scroll menu path as follows--MENU, MESSAGES: TEXT MSG SETUP.
1. Press Right soft key (CHANGE) to change the Srvce Center No.
2. Press keypad keys to enter the number for the service center that handles your outgoing text messages.
3. Press Right soft key (OK) to store the service center number. ###64
4. Press Right soft key (CHANGE) to change the *Expire After* period.
5. Press keypad keys to enter the expiration period--the number of days your network tries to send undelivered messages.
6. Press Right soft key (OK) to store the expiration period.
7. Press Right soft key (CHANGE) to change the *Reply Type*.
8. Press 4-Way to scroll to the standard type of replies you want to send--SMS text messages, email, fax, or page.
9. Press Right soft key (OK) to store the reply type.
10. Press Right soft key (CHANGE) to change the *Cleanup* setting.
11. Press 4-Way to scroll to the number of days you want to keep messages in the inbox, or the number of messages you want to keep.
12. Press Right soft key (SELECT) to select the cleanup setting.
13. Press Right soft key (CHANGE) to change the *Email Gateway* number.
14. Press keypad keys to enter the port number for the email gateway that handles your outgoing email messages.
15. Press Right soft key (OK) to store the gateway number.
16. Press LEFT soft key (DONE) to save the text message inbox settings. ###65 SENDING A TEXT MESSAGE
You can send a text message to one or more recipients. You can manually enter each recipient's phone number or email address, or select numbers/addresses from the phonebook or recent call lists.
NOTE: When you manually enter numbers and/or email addresses, you must insert a space between each entry. Press 4-Way to the

right to insert a space.

SHORTCUT: Enter a phone number in the idle display, then press MENU, *Send Message* to open a new text message with the number in the *To* field. Go directly to step 4 to continue.

Find the Feature:

Scroll menu path as follows--MENU, MESSAGES: CREATE MESSAGE.

1. Press right soft key (CHANGE) to select *To*.

2. Press keypad keys to enter one or more phone numbers and/or email addresses

TIP: Press 4-Way to the right to insert a space between each number/address that you enter manually.

OR,

Press Right soft key (BROWSE) to select numbers/addresses from the phonebook or recent call lists. ###66

3. Press Right soft key (OK) to store the recipient list.

4. Press Right soft key (CHANGE) to select *Msg*.

5. Press keypad keys to enter the message.

TIP: Press MENU to change text entry mode, or to insert images or sounds in the message.

OR,

Press Right soft key (BROWSE) to insert a quick note.

6. Press Right soft key (OK) to store the message.

7. Press LEFT soft key (DONE) to finish the message.

8. Press LEFT soft key (YES) to send the message.

OR,

Press Right soft key (NO) cancel the message or save it as a draft.

SENDING A QUICK NOTE TEXT MESSAGE

Quick notes are pre-written text messages that you can incorporate into a message and send quickly (for example, *Meet me at ...*). You can also create new quick notes. ###67

Find the Feature:

Scroll menu path as follows--MENU, MESSAGES: QUICK NOTES.

1. Press 4-Way to scroll to the quick note.

2. Press Right soft key (READ) to read the quick note,

OR,

Press MENU to open the Quick Note Menu to perform other procedures as described in the following list:

The *Quick Note Menu* includes the following options:

New: Create a new quick note.

Edit: Edit the quick note.

Delete: Delete the quick note.

Send: Open a new message with the quick note in the *Msg* field.

INSERTING PICTURES AND SOUNDS IN A TEXT MESSAGE

You can insert pictures, animations, and sounds into a text message as you compose it.

NOTES:

--The recipient's phone may be unable to display the pictures or sounds inserted in your message.

--You cannot send messages with pictures or sounds to an email address. ###68

INSERTING A PICTURE OR SOUND FILE

Enter your message as usual. When you come to a spot where you want to insert a picture or sound file:

1. Press MENU to open the Message Menu.
2. Press 4-Way to scroll to *Insert*.
3. Press Right soft key (SELECT) to display a list of items you can insert.
4. Press 4-Way to scroll to *Picture*, *Animation*, or *Sound*.
5. Press right soft key (SELECT) to select the file type.
6. Press 4-Way to highlight the file you want.
7. Press Right soft key (VIEW) or PLAY to preview the file.
8. Press Right soft key (INSERT) to insert the file.

A generic file type indicator identifies the type and location of the file in the text message.

NOTES:

--Your phone may allow only predefined images and sounds in a message. These files are identified by a predefined object indicator.

--You can insert up to five pictures in a message. ###69

VIEW OR DELETE AN INSERTED FILE

To display or delete an image or sound file in a message you are composing:

1. Press 4-Way to place the cursor to the right of the file type indicator.
2. Press 4-Way to the left to highlight the file type indicator.
3. Press Right soft key (SELECT) to display or play the inserted file

OR,

Press LEFT soft key (DELETE) to delete the inserted file.

VIEWING THE STATUS OF SENT TEXT MESSAGES

Text messages that you send are stored in the outbox.

Find the Feature:

Scroll menu path as follows--MENU, MESSAGES: OUTBOX.

Messages in the outbox are sorted from newest to oldest. The following indicators show message status:

Double "greater than" sign: Sending in progress.
X: Sending failed.
Envelope: Delivered.

RECEIVING A TEXT MESSAGE

NOTE: Your text message inbox must be set up before you can receive text messages. See page 63. ###70

When you receive a text message, your phone displays the message waiting indicator and a *New Message* notification, and gives an alert.

Press Right soft key (READ) to open the message (or your text message inbox if there are multiple messages).

If reminders are turned on, your phone sends a reminder at regular intervals until you close the new message notification, read the message, or turn off your phone.

When your phone displays *Memory is Full!*, you must delete some existing messages to receive new messages.

READING, LOCKING, OR DELETING A TEXT MESSAGE

Messages in the text message inbox are sorted from newest to oldest. The oldest messages are deleted automatically as specified by the inbox cleanup setting (see page 63). If you want to save a message, you should lock it to prevent it from being deleted during cleanup.

Find the Feature:

Scroll menu path as follows--MENU, MESSAGES: TEXT MSGS. ###71

1. Press 4-Way to scroll to the message.

The following indicators show message status:

Message icon (envelope): unread

Message icon with a paper clip attached: unread (with attachment)

Open envelope icon: read

Open envelope with paper clip attached: read (with attachment)

Closed lock: read and locked

Key with paper clip attached: read and locked (with attachment)

2. Press Right soft key (READ) to open the message.

3. Press LEFT soft key (SAVE) to close the message,

OR,

Press Right soft key (DELETE) to delete the message,

OR,

Press MENU to open the Text Msg Menu to perform other procedures as described in the following list.

The *Text Msg Menu* includes the following options:

Call Back: Call the number in the message header or embedded in the message. ###72

Go To: Launch the micro-browser and go to a Web address (URL) embedded in the message.

Reply: Open a new text message, with the sender's Reply To number or email address in the *To* field.

Forward: Open a copy of the text message, with an empty To field.

Lock/Unlock: Lock or unlock the message.

Store: Display a list of items that can be stored, including the sender's number or email address, and a selected image or sound file.

Delete: Delete the message.

Delete All: Delete all inbox messages.

Create Message: Open a new text message.

Chat: Start a chat session with the sender. See page 77.

Setup: Open the text message inbox setup menu.

STORING PICTURES AND SOUNDS FROM A TEXT MESSAGE
    Text messages that you receive can contain pictures,
animations, and sounds. Pictures and animations are displayed as
you read the message. A sound begins playing when you scroll to or
select the sound file indicator. ###73
    You can store these embedded object files on your phone, and
use them as screen saver images, wallpaper images, and alert
tones.

    STORE A PICTURE OR ANIMATION FILE
    1. Press 4-Way up or down to highlight the picture or
animation in the message.
    2. Press MENU to open the *Text Msg Menu*.
    3. Press 4-Way to scroll to *Store*.
    4. Press Right soft key (SELECT) to display a list of items
you can store.
    5. Press 4-Way to scroll to *File Attachment*.
    6. Press Right soft key (SELECT) to display the picture or
animation.
    7. Press Right soft key (STORE) to display storage options.
    8. Press 4-Way to scroll to *Store Only*, *Set as Screen Saver*
or, *Set as Wallpaper*.
    9. Press Right soft key (SELECT) to select the option.
    10. Press keypad keys to enter a name for the file.
    11. Press Right soft key (OK) to store the file and,
optionally, set it as your screen saver or wallpaper image.

    NOTE: When you set an animation as a wallpaper image, only
the first frame of the animation is displayed.
    For more information about using pictures and animations, see
pages 175, 108, and 109. ###74
    STORE A SOUND FILE
    You can store a sound file, and set it as an event alert.
    1. Press 4-Way up or down to highlight the sound file
indicator in the message.
    2. Press MENU to open the *Text Msg Menu*.
    3. Press 4-Way to scroll to *Store*.
    4. Press Right soft key (SELECT) to display a list of items
you can store.
    5. Press 4-Way to scroll to *File Attachment*.
    6. Press Right soft key (SELECT) to play the sound file.
    7. Press Right soft key (STORE) to display storage options.
    8. Press 4-Way to scroll to *Store Only* or *Set As Ring Tone*.
    9. Press Right soft key (SELECT) to select the option.
    If you select *Store Only*, go to step 13.
    If you select *Set As Ring Tone*, your phone displays *Set As
Which?*, and lists the events for which you can set an alert.
    10. Press 4-Way to scroll to the event.
    11. Press Right soft key (SELECT) to select the event.
    12. Press keypad keys to enter a name for the file.
    13. Press Right soft key (OK) to store the sound and,
optionally, set it as the event alert. ###75

For more information about using sound files, see pages 98 and 100.

READING BROWSER ALERTS
    OPTIONAL FEATURE:
    Your network's Web server can send you *browser alerts* that you can read in your micro-browser.
    When you receive a browser alert message, your phone displays the message waiting indicator and a *New Browser Message* notification, and gives an alert.

    Press Right soft key (GO TO) to launch the micro-browser and display the message,
    OR,
    Press LEFT soft key (EXIT) to close the new message notification. ###76
    To display your browser alert messages at any time:
    Find the Feature:
    Scroll menu path as follows--MENU, MESSAGES: BROWSER ALERTS.
    1. Press 4-Way to scroll to a message.
    2. Press Right soft key (SELECT) to open the message.

READING INFORMATION SERVICES MESSAGES
    OPTIONAL FEATURE:
    Information services messages are broadcast messages that you can receive, such as stock updates or news headlines.
    When you receive a lengthy information services message, your phone displays the message waiting indicator and a *New Message* notification, and gives an alert.
    Press Right soft key (READ) to open the message (or your information services message inbox if there are multiple messages) ###77
    Quick view messages are short information service messages that appear directly in your phone's idle display.
    --Read the message and press END to read and delete the quick view message.

    To display your information services messages at any time:
    Find the Feature:
    Scroll menu path as follows--MENU, MESSAGES: INFO SERVICES.
    1. Press 4-Way to scroll to the message.
    2. Press Right soft key (READ) to open the message.

USING CHAT
    OPTIONAL FEATURE:
    You can exchange text messages in real time with another wireless phone user in a chat session. The messages you send appear immediately on your chat partner's phone.

    START A CHAT SESSION
    Find the Feature:
    Scroll menu path as follows--MENU, CHAT: NEW CHAT.
    1. Press keypad keys to enter your *Chat Name*.

2. Press Right soft key (OK) to save your *Chat Name*.
###78
3. Press keypad keys to enter your chat partner's phone number,
OR,
Press Right soft key (BROWSE) to select a number from the phonebook or recent call lists.
4. Press Right soft key (OK) to store the number.
5. Press keypad keys to enter your first chat message,
OR,
Press Right soft key (BROWSE) to select and insert a quick note message (see page 66).
6. Press Right soft key (OK) to send the chat message.
Your phone displays the chat log. The double greater-than icon appears next to your message until the message is sent. When your chat partner replies, the reply appears below your text.
7. Press Right soft key (CHAT) to enter a reply to your partner.
8. Press Right soft key (OK) to send your reply.

NOTES:
--You can start a chat session from a text message. Press MENU and select *Chat* to start a new session with the sender's *Reply To* number in the *To* field.
--When your phone displays *Memory is Full!*, you must delete some existing messages from your inbox, outbox, or drafts folder to receive new chat messages. ###79
USE THE CHAT LOG
The chat log displays the messages exchanged in a chat session.
Items shown in the display include the following:
--Press 4-Way to scroll and display more text.
--Chat name.
--Message Status: double greater-than sign--sending, or X-- failed.
--Press EXIT to Exit chat.
--Press MENU to open the *Chat Menu*
--Press CHAT to Enter reply
--Newest messages appear at bottom of log.
--Chat text in center of display.

The *Chat Menu* includes the following options:
New Chat: Open a new chat session.
Call Partner: Call your chat partner.
Call Number: Call the number listed in the chat log.
Store Number: Create a phonebook entry for the number listed in the chat log.
End Chat: End the chat session.
Go to Top: Go to the top of the chat log.
Go to Bottom: Go to the bottom of the chat log.
Clear Log: Clear all text from the chat log.
Re-send: Resend your most recent chat message, if it failed.
Send Message: Create a new chat message. ###80

RESPOND TO CHAT
When you receive a chat message, your phone displays *Chat from chat name*, and gives an alert.
Press Right soft key (ACCEPT) to accept the chat session.
Press LEFT soft key (IGNORE) to refuse the chat session.

If reminders are turned on, your phone sends a reminder at regular intervals until you respond to the chat notification or turn off your phone.
If you receive another chat request during a chat session, the new request appears as an incoming text message, with the requestor's chat name at the beginning of the message.

END A CHAT SESSION
1. Press MENU to open the *Chat Menu*.
2. Press 4-Way to scroll to *End Chat*.
3. Press Right soft key (SELECT) to select *End Chat*.
4. Press LEFT soft key (YES) to end the chat session. ###81
A chat session also ends when you turn off the phone, answer an incoming call, or start a new chat session.
Your chat partner is not notified when you end a chat session. If your partner sends more chat text, the phone treats it as an incoming text message, with your chat partner's chat name at the beginning of the message.
If you exit the chat log without selecting End Chat, and your chat partner sends another message, your phone notifies you and adds it to the chat log. You can re-enter the session by returning to the chat log.

    NOTE: SOME COMPONENTS OF THIS SETUP MAY BE DISPLAY DEPENDENT.
    You can store a list of names and phone numbers or email
addresses in your phone's electronic phonebook.
    To display the names in your phonebook, press MENU: Phonebook
from the idle display. Scroll to a name and press Right soft key
(VIEW) to display details of the phonebook entry as shown below.
    SHORTCUT: Press 4-Way down from the idle display to open the
phonebook. ###83 VIEWING ENTRY DETAILS
    NOTE: THIS IS A DISPLAY DEPENDENT FEATURE.
    Items shown in the display are as follows:
    Voice Name indicator (sound waves icon) indicates a recorded
voice name
    Type indicator identifies number type:
    --Building: Work
    --House: Home
    --Desk Phone: Main
    --Cell phone: Mobile
    --Fax icon: Fax
    --Pager icon: Pager
    --Envelope: Email
    Entry's *Name*
    Press BACK to Return to list
    Press MENU to open the *Phonebook Menu*
    (P) indicates entry stored in phone memory, (S) indicates SIM
memory
    Press EDIT to Edit entry
    Entry's ringer ID setting
    Entry's speed dial number
    Entry's *phone number* or *email address*

    NOTES:
    --When you set a distinctive ringer alert for an entry, the
Ringer ID setting appears below the speed dial number.
    --Entries stored on the SIM card do not have *Type*, *Voice
Name*, or *Ringer ID* information. ###84 CREATING A PHONEBOOK ENTRY
    NOTE: THIS IS A DISPLAY DEPENDENT SETUP.
    A phone number or email address is required for a phonebook
entry. All other information is optional.
    You can store an entry on your phone or on the SIM card.

    SHORTCUT: Press 4-Way up from the idle display to open the
phonebook and go to [*New Entry*].
    SHORTCUT: Enter a phone number in the idle display, then
press Right soft key (STORE) to create a phonebook entry with the
number in the *No.* field. Go directly to step 3 to continue.

    ENTER INFORMATION
    Find the Feature:
    Scroll menu path as follows--MENU, PHONEBOOK: NEW.
    1. Press 4-Way to scroll to *Phone Number* or *Email Address*.
    2. Press Right soft key (SELECT) to select the entry type.
    3. Press Right soft key (CHANGE) to select *Name*.

4. Press keypad keys to enter a name for the entry.
5. Press Right soft key (OK) to store the name.
6. Press Right soft key (CHANGE) to select *No.* or *Email*.
7. Press keypad keys to enter the phone number or email address.
8. Press Right soft key (OK) to store the phone number or email address.
9. Press Right soft key (CHANGE) to select *Type*.
10. Press 4-Way to scroll to the number type ###85
11. Press Right soft key (SELECT) to select the number type.
12. Press Right soft key (CHANGE) to select *Store To* if you want to change the entry's physical storage location.
13. Press 4-Way to scroll to Phone or SIM.
14. Press Right soft key (SELECT) to set the storage location.
15. Press Right soft key (RECORD) to record a Voice Name for the entry, if desired,
OR,
Go to step 16 if you do not want a voice name.
16. Press 4-Way to scroll to *Speed No.*
The next available speed dial number is assigned to a new phonebook entry.
17. Press Right soft key (CHANGE) to select *Speed No.* if you want to change it.
18. Press keypad keys to enter a different speed dial number, if desired.
19. Press Right soft key (OK) to store the speed dial number.
20. Press Right soft key (CHANGE) to select *Ringer ID* if you want to set a distinctive ringer alert for the phone number.
Your phone uses the alert to notify you when you receive a call from this phone number. See page 99. ###86
21. Press 4-Way to scroll to the alert you want.
22. Press Right soft key (SELECT) to store the ringer ID alert.
23. Press Right soft key (SELECT) to select *MORE* if you want to create another entry under the same *Name*.
You must use a different *Type* identifier for each number.

COMPLETE PHONEBOOK ENTRY
When you are finished entering information for a phonebook entry:
Press LEFT soft key (DONE) to store the entry.

STORING A PIN CODE WITH THE PHONE NUMBER
You can store a PIN code with the phone number for calls that require additional digits (for example, to make a calling card call, or to retrieve voicemail or answering machine messages). Insert one or more of the following characters in the dialing sequence to ensure that the number dials and connects properly: ###87
--Press MENU: *Insert Pause* to insert a p (pause) character.
Your phone dials the preceding digits, waits for the call to connect, then sends the remaining digit(s).

--Press MENU: *Insert Wait* to insert a w (wait) character.
Your phone dials the preceding digits, waits for the call to connect, then prompts you for confirmation before it sends the remaining digit(s).
--Press MENU: *Insert 'n'* to insert an n (number) character.
Your phone prompts you for a number before dialing the call. The number you enter is inserted into the dialing sequence in place of the n character.

NOTES:
--You can enter a maximum of 32 digits for a phonebook entry stored on the phone. The maximum number may vary for entries stored on the SIM card. Each character counts as one digit. ###88
--You cannot store numbers that contain a w or n character on the SIM card.

RECORDING A VOICE NAME FOR A PHONEBOOK ENTRY
NOTE: THIS IS A DISPLAY DEPENDENT SETUP. *
* Once you have accessed the number of the entry for which you want to add a voice tag, the remainder of the setup is no longer display dependent.
TIP: If your phonebook list is sorted by Speed dial number and you know the exact speed dial numbers in your list, you may be able to scroll through the phonebook list. The list will begin with Speed dial No. 1. See "Sorting the Phonebook List" beginning on page 90.

You can record a voice name for a new or existing phonebook entry. A voice name lets you call the phonebook entry using voice dial (see page 89).
TIP: Make your recording in a quiet location. Hold the phone about four inches (10 centimeters) from your mouth, and speak directly into the phone in a normal tone of voice.
Find the Feature:
Scroll menu path as follows--MENU, then 4-Way Down three times: PHONEBOOK. Press Right soft key to access the phonebook entries.
1. Press 4-Way to scroll to the entry.
Note: The following directions are NOT display dependent.
2. Press Right soft key (VIEW) to display entry details.
3. Press Right soft key (EDIT) to edit the entry.
4. Press 4-Way Down four times to scroll to *Voice Name*.
5. Press Right soft key (RECORD) to begin recording.
6. Press and release the voice key and say the entry's name (in two seconds) to record the voice name.
7. Press and release the voice key and repeat the name to confirm the voice name.
8. Press LEFT soft key (DONE) to store the voice name. ###89
DIALING A PHONEBOOK ENTRY
Use one of the following procedures to call a number (or send a text message to an email address) stored in your phonebook.

PHONEBOOK LIST

NOTE: THIS IS A DISPLAY DEPENDENT FEATURE. *
* List scrolling required.
TIP: If your phonebook list is sorted by Speed dial number
and you know the exact speed dial numbers in your list, you may be
able to scroll through the phonebook list. The list will begin
with Speed dial No. 1. See "Sorting the Phonebook List" beginning
on page 90.

Find the Feature:
Scroll menu path as follows--MENU, PHONEBOOK.
1. Press keypad key letter to jump to entries that begin with
that letter (optional).
2. Press 4-Way to scroll to the entry.
3. Press SEND to make the call.

VOICE DIAL
Press and release the voice key and say the entry's name (in
two seconds) to make the call.

To speed dial a phonebook entry, see page 54. To call an
entry with 1-touch dial, see page 55. ###90 EDITING A PHONEBOOK
ENTRY
NOTE: THIS IS A DISPLAY DEPENDENT FEATURE. *
* List scrolling required.
TIP: If your phonebook list is sorted by Speed dial number
and you know the exact speed dial numbers in your list, you may be
able to scroll through the phonebook list. The list will begin
with Speed dial No. 1. See "Sorting the Phonebook List" beginning
on page 90.

Find the Feature:
Scroll menu path as follows--MENU, PHONEBOOK.
1. Press 4-Way to scroll to the entry.
2. Press Right soft key (VIEW) to display entry details.
3. Press Right soft key (EDIT) to edit the entry.
Edit the entry as described on pages 84-86.

DELETING A PHONEBOOK ENTRY
NOTE: THIS IS A DISPLAY DEPENDENT FEATURE. *
* List scrolling required.
TIP: If your phonebook list is sorted by Speed dial number
and you know the exact speed dial numbers in your list, you may be
able to scroll through the phonebook list. The list will begin
with Speed dial No. 1. See "Sorting the Phonebook List" beginning
on page 90.

Find the Feature:
Scroll menu path as follows--MENU, PHONEBOOK.
1. Press 4-Way to scroll to the entry.
2. Press MENU open the *Phonebook Menu*.
3. Press 4-Way to scroll to *Delete*.
4. Press Right soft key (SELECT) to select *Delete*.
5. Press LEFT soft key (YES) to confirm the deletion.

SORTING THE PHONEBOOK LIST
    NOTE: SOME COMPONENTS OF THIS SETUP MAY BE DISPLAY DEPENDENT.
    You can sort your phonebook list by name (the standard), speed dial number, voice name, or email address.
    NOTE: The voice name sort is identical to the name sort, except that the entries with voice name tags appear first. ###91
    Find the Feature:
    Scroll menu path as follows--MENU, then 4-Way Down three times: PHONEBOOK. (Do NOT press any soft key at this time.)
    1. Press MENU to open the *Phonebook Menu*.
    2. Press 4-Way UP once to scroll to *Setup*.
    3. Press Right soft key (SELECT) to select *Setup*.
    4. Press 4-Way to scroll to *Sort by*. (This is the first item offered: no need to scroll.)
    5. Press Right soft key (CHANGE) to select *Sort by*.
    6. Press 4-Way to scroll to *Name*, *Speed No.*, *Voice Name*, or *Email*. *
    --*Name* is the first item offered
    --Press 4-Way Down once: *Speed No.*
    --Press 4-Way Down twice: *Voice Name*
    --Press 4-Way UP once: *email*
    7. Press Right soft key (SELECT) to select the sort order

    If you select *Speed No.*, *Voice Name*, or *Email*, the procedure is complete. Press LEFT soft key (DONE).

    If you select *Name*, you must specify whether you want to display all numbers or just the primary number for each name:

    NOTE: THE FOLLOWING PROCEDURE IS DISPLAY DEPENDENT.
    8. Press Right soft key (CHANGE) to change display preference.
    9. Press 4-Way to scroll to *Primary Contacts* or *All Contacts*.
    10. Press Right soft key (SELECT) to select the display preference.
    11. Press LEFT soft key (DONE) to set the display preference.

    To set an entry's primary phone number, see the following procedure. ###92
    TIP: When the phonebook list displays primary numbers only, you can scroll to a name and press 4-Way left or right to display other numbers associated with the name.

SETTING THE PRIMARY NUMBER FOR A PHONEBOOK ENTRY
    NOTE: THIS IS A DISPLAY DEPENDENT SETUP.
    When you enter multiple phone numbers for the same name, you can set one as the primary number.
    Find the Feature:
    Scroll menu path as follows--MENU: PHONEBOOK.
    1. Press 4-Way to scroll to the entry.
    2. Press MENU to open the *Phonebook Menu*.
    3. Press 4-Way to scroll to *Set Primary*.

4. Press Right soft key (SELECT) to select *Set Primary*.
5. Press 4-Way to scroll to the number you want to set as the primary number.
6. Press Right soft key (SELECT) to set the primary number.

Depending on how the phonebook list is sorted, the primary number is listed first, or is the only number that appears for a phonebook entry. See page 90.

COPYING ENTRIES BETWEEN THE PHONE AND SIM CARD
NOTE: THIS IS A DISPLAY DEPENDENT FEATURE. *
* List scrolling required.
TIP: If your phonebook list is sorted by Speed dial number and you know the exact speed dial numbers in your list, you may be able to scroll through the phonebook list. The list will begin with Speed dial No. 1. See "Sorting the Phonebook List" beginning on page 90.

NOTE: These procedures do *not* delete the original entries. ###93
COPY A SINGLE ENTRY
Find the Feature:
Scroll menu path as follows--MENU, PHONEBOOK.
1. Press 4-Way to scroll to the entry.
2. Press MENU to open the *Phonebook Menu*.
3. Press 4-Way UP six times to scroll to *Copy Entry*.
4. Press Right soft key (SELECT) to select *Copy Entry*.
--The phone displays the next available speed dial number.
5. Press keypad keys to edit the speed dial number.
TIP: Enter a speed dial number between 1-1000 to copy the entry to the phone. Enter 1001 or higher to copy the entry to the SIM card.
6. Press Right soft key (OK) to copy the entry to the new speed dial location.

COPY MULTIPLE ENTRIES
Find the Feature:
Scroll menu path as follows--MENU, PHONEBOOK.
1. Press MENU to open the *Phonebook Menu*.
2. Press 4-Way UP five times to scroll to *Copy Entries*.
3. Press Right soft key (SELECT) to select *Copy Entries*.
4. Press 4-Way to scroll to *From (start)*. *
* This is the first item offered; scrolling not necessary here. ###94
5. Press Right soft key (CHANGE) to select *From (start)*.
6. Press keypad keys to enter the low speed dial number for the range of entries you want to copy.
7. Press Right soft key (OK) to store the number.
8. Press 4-Way to scroll to *From (end)*. *
* This should automatically be the feature offered; no need to scroll.
9. Press Right soft key (CHANGE) to select *From (end)*.
10. Press keypad keys to enter the high speed dial number for

the range of entries you want to copy.

11. Press Right soft key (OK) to store the number.

12. Press 4-Way Down scroll to *To (start)*. *

* This should automatically be the feature offered; no need to scroll.

13. Press Right soft key (CHANGE) to select *To (start)*.

14. Press keypad keys to enter the low speed dial number for the entries' new location.

TIP: Enter a speed dial number between 1-1000 to copy entries to the phone. Enter 1001 or higher to copy entries to the SIM card.

15. Press Right soft key (OK) to store the number.

16. Press LEFT soft key (DONE) to copy the entries. ###95
CHECKING PHONEBOOK CAPACITY

NOTE: THIS IS A DISPLAY DEPENDENT FEATURE.

You can display how much memory space remains for storing phonebook and datebook entries on the phone, and how many more phonebook entries you can store on the SIM card.

Find the Feature:
Scroll menu path as follows--MENU, PHONEBOOK.

1. Press MENU to open the *Phonebook Menu*.

2. Press 4-Way to scroll to *Phone Capacity* or *SIM Capacity*.

3. Press Right soft key (SELECT) to select *Phone Capacity* or *SIM Capacity*.

Your phone displays the phone memory meter, or the number of SIM card phonebook entries available.

SYNCHRONIZING WITH TRUESYNC SOFTWARE

OPTIONAL FEATURE:

You can synchronize phonebook entries between your phone and computer or handheld device with Starfish TrueSync (r) software, a Motorola accessory product. See the TrueSync user guide for more information.

NOTE: TrueSync software is designed to synchronize with basic features of many popular Personal Information Management (PIM) software and hardware products. ###96

To connect your phone using Bluetooth (tm) wireless technology, see the user guide for your Bluetooth Phone Module and accessories.

SETTING 1-TOUCH DIAL PREFERENCE

You can set 1-touch dial to call the entries in your phone memory phonebook or the SIM card phonebook.

Find the Feature:
1. Press MENU, press 4-Way UP twice: SETTINGS. Press Right soft key to select.

2. Press 4-Way UP twice: OTHER SETTINGS. Press Right soft key to select.

3. Press 4-Way Down once: INITIAL SETUP. Press Right soft key to select.

4. Press 4-Way Down once: 1-TOUCH DIAL.

5. Press Right soft key (CHANGE) to select 1-Touch Dial.
6. Press 4-Way scroll to the list you want.
--*Phone* is the first option offered; no need to scroll
--Press 4-Way down once: *SIM*
--Press 4-Way UP once: *Fixed Dial*
7. Press right soft key (SELECT) to select the list.

CUSTOMIZING MENUS
    NOTE: THIS IS A DISPLAY DEPENDENT FEATURE. *
    * "Grab and move" feature involved.

    You can reorder the items in your phone's main menu.
    IMPORTANT NOTE: If the menus are reordered from their original setting the directions in this alternate format manual will no longer be accurate.

    Find the Feature:
    Scroll menu path as follows--MENU, SETTINGS: Other Settings; Personalize; MAIN MENU.
    1. Press 4-Way to scroll to a menu item.
    2. Press Right soft key (GRAB) to grab the menu item.
    3. Press 4-Way to move the item to a new location in the menu.
    4. Press Right soft key (INSERT) to insert the menu item.

SETTING A RING STYLE
    Your phone rings or vibrates to notify you of an incoming call or other event. This ring or vibration is called an alert. You can select one of five different ring styles:
    ICONS:
    --bell with large waves: loud ring
    --bell with small waves: soft ring
    --cell phone outline with lines: vibrate
    --bell with vibrate and sound waves: vibrate and ring
    --bell with zz: silent ###98
    The ring style indicator in the display shows the current ring style (see page 26).
    Each ring style contains settings for specific event alerts, ringer ID, and ringer and keypad volume.

    SELECT A RING STYLE
    Find the Feature:
    1. Press MENU, press 4-Way UP once: RINGS STYLES. Press Right soft key to select.
    2. *Style* will be the first item offered: Press Right soft key (SELECT) to select.
    3. *Loud* will be the first item offered: Press Right soft key (SELECT) to select,
    OR,
    Press Right soft key (SELECT) to select one of the following:
    --Press 4-Way Down once: Soft
    --Press 4-Way Down twice: Vibrate
    --Press 4-Way UP twice: Vibe & Ring
    --Press 4-Way UP once: Silent

CUSTOMIZE A RING STYLE
    CHANGING STYLE SETTINGS
    You can change the alerts that notify you of the following events: incoming calls, text messages, voicemail messages, data

calls, fax calls, alarms, and reminders. Any changes you make are saved to the current ring style.

NOTE: *Alert* represents the current ring style. (The word *Alert* does not necessarily appear in the menu. *X Detail* may be the wording, with X representing the current setting. Example: *Soft Detail*.)

Find the Feature:
1. Press MENU, press 4-Way UP once: RINGS STYLES. Press Right soft key to select.
2. Press 4-Way Down once: *Alert* detail. Press Right soft key to select. Several choices will be presented for an *event* for which you may change the current ring style. Press Right soft key (CHANGE) to select the event as follows:
For the following options, press Volume key to scroll through available alert sounds, then press Right soft key (SELECT) to set change.
--Calls: First option offered is *Silent*.
--Calls: Press 4-Way Down once.
--Text Msgs: Press 4-Way Down twice.
--Voicemail: Press 4-Way Down three times.
--Info Svcs: Press 4-Way Down four times.
--Alarms: Press 4-Way Down five times.
--Data Calls: Press 4-Way UP five times.
--Fax Calls: Press 4-Way UP four times. ###99 ACTIVATING AND DEACTIVATING RINGER IDS
When ringer IDs are turned on, your phone uses distinctive ringer alerts to notify you of incoming calls or messages from specific entries stored in your phonebook. To assign a ringer ID to a phonebook entry, see page 84.

NOTE: *Alert* represents the current ring style.
Find the Feature:
1. Press MENU, press 4-Way UP once: RINGS STYLES. Press Right soft key to select.
2. Press 4-Way Down once: *Alert* detail. Press Right soft key to select.
3. Press 4-Way UP three times: *Ringer IDs*.
--First option offered is ON; press 4-Way Down once to reach OFF. Press Right soft key (OK) to set option.

SETTING RINGER OR KEYPAD VOLUME
NOTE: *Alert* represents the current ring style.
Find the Feature:
1. Press MENU, press 4-Way UP once: RINGS STYLES. Press Right soft key to select.
2. Press 4-Way Down once: *Alert* detail. Press Right soft key to select.
3. Ring Volume is the first option offered. Select, then press Volume keys to change ring volume. Press Right soft key (OK) again to set option.
OR,

4. Press 4-Way UP twice to each *Key Volume* then press Volume key to change volume. Press Right soft key (OK) to set option. ###100 CREATING ALERT TONES
You can create and store up to 32 custom alert tones on your phone. The tones appear in the list of available alerts.

CREATE A TONE
NOTE: THIS IS A DISPLAY DEPENDENT SETUP.
Find the Feature:
Scroll menu path as follows--MENU, RING STYLES: MY TONES.
1. Press 4-Way to scroll to *[New Tone]*
2. Press Right soft key (SELECT) to select *[New Tone]*.
3. Press Right soft key (CHANGE) to select *Notes*.
4. Press keypad keys to enter notes (see below).
5. Press Right soft key (OK) to store the notes.
6. Press Right soft key (CHANGE) to select *Name*.
7. Press keypad keys to enter the name for the tone.
8. Press Right soft key (OK) to store the name.
9. Press LEFT soft key (DONE) to store the tone.

ENTER NOTES
To create a new tone, use the keypad keys to enter notes. For each note, you must specify the octave (optional), pitch, length, and a length modifier (optional). Press a key multiple times to cycle through its available options and enter the necessary character as described in the following lists. ###101
Octave
The default setting for a new tone is octave four.
NOTE: In the chart below, items are arranged as follows:
Key: Display; Description
0: star; enter star followed by a number (0 to 8) to set the octave

Notes and Rests
NOTE: In the chart below, items are arranged as follows:
Key: Display; Description
0: #; sharp
OR, &; flat
2: a; note A
OR, b; note B
OR, c; note C
3: d; note D
OR, e; note E
OR, f; note F
4: g; note G
7: r; rest

Lengths and Modifiers
NOTE: In the chart below, items are arranged as follows:
Key: Display; Description
0: 0; whole note
1: 1; half note
2: 2; quarter note

3: 3; eighth note
4: 4; sixteenth note
5: 5; 1/32 note
1: dot; dotted note
OR, Colon; double dotted note;
OR, semi-colon; 2/3 length note ###102
Repeat Characters
9: comma enclosed in parentheses and "at" sign: Use parentheses to enclose sequence of notes to be repeated. After the sequence, enter "at" sign followed by digit(s) to set number of repetitions.

Note Entry Sequence
1. To set the octave (optional): Set the octave (Star, 0 to Star, 8) *before* selecting the note. The octave applies to the note and all following notes until you change it again.
2. To set the note to a sharp or flat, if necessary: Enter a sharp or flat (pound sign or &) *before* selecting the note.
3. To select the note (required): Press a keypad key.
4. To set length (required): Set the length (0 to 5) *after* selecting the note. If you do not specify a length, a 2 (quarter note) length is appended to the note.
5. Modify length (optional): Enter a length modifier (dot, comma, colon, or semi-colon) after you set the length. ###103
You can perform the following tasks when creating a tone:
To insert a rest: Enter one or more rests (*r* characters) as needed in the tone sequence. Set the length of the rest (0 to 5) *after* the rest, just as you would for a note.
To repeat a note sequence: Use open- and close-parentheses to group a sequence of notes. After the sequence, enter the "at" sign followed by a number to set the number of repetitions.
To listen to a new tone as you compose it: Press MENU to enter the *Compose Menu*, and select *Play All* to play the notes you have entered. ###104
Example
Press the following keys to create this sequence of notes and rests in octave three: C (quarter note), E flat (quarter note), half rest, and G (whole note):
NOTE: In the chart below, items are arranged as follows:
Process Number. Press: To; Display
1. 0, 0, 3, 3, 3, 3: set octave three; Star 3
2. 2, 2, 2: enter note *C*; c
3. 2, 2, 2, 2: set length to quarter note; 2
4. 0, 0, 0, 0: enter flat symbol; &
5. 3, 3: enter note *E flat*; e
6. 2, 2, 2, 2: set length to quarter note; 2
7. 7: enter *rest*; r
8. 1: set length to half rest; 1
9. 4: enter note *G*; g
10. 0: set length to whole note; 0 ###105
PLAY A TONE
NOTE: If there is more than one tone saved, this becomes a list-scrolling feature.

Find the Feature:
1. Press MENU, press 4-Way UP once: RINGS STYLES. Press Right soft key to select.
2. Press 4-Way UP once: NY TONES. Press Right soft key to select.
3. The first tone of the list will be highlighted. (If no tone has been saved, *New Tone* will be the only option shown.) Press MENU to open the *Tone Menu*.
4. Press 4-Way UP once to scroll to *Play*. Press Right soft key to select.
5. Press Right soft key (PLAY) to play the tone again,
OR,
Press LEFT soft key (CANCEL) to return to my tones list.

EDIT A TONE
NOTE: THIS IS A DISPLAY DEPENDENT FEATURE.
You cannot edit the predefined alert tones included with your phone. To edit a custom alert tone:
Find the Feature:
Scroll menu path as follows--MENU, RING STYLES: MY TONES.
1. Press 4-Way to scroll to the tone.
2. Press Right soft key (EDIT) to open the tone details.
3. Press 4-Way to scroll to the item you want to edit (Name or Notes).
4. Press Right soft key (CHANGE) to select the item.
5. Press keypad keys enter new text or notes.
6. Press Right soft key (OK) to store the new text or notes.
7. Press LEFT soft key (DONE) to save your changes. ###106
DELETE A TONE
NOTE: If there is more than one tone saved, this becomes a list-scrolling feature.
You cannot delete the predefined alert tones included with your phone. To delete a custom alert tone:
Find the Feature:
1. Press MENU, press 4-Way UP once: RINGS STYLES. Press Right soft key to select.
2. Press 4-Way UP once: NY TONES. Press Right soft key to select.
The first tone of the list will be highlighted. (If no tone has been saved, *New Tone* will be the only option shown.)
3. Press 4-Way to scroll to the tone you want to delete, then press MENU to open the *Tone Menu*.
4. Press 4-Way Down twice to scroll to *Delete*. Press Right soft key (SELECT) to select *Delete*.
5. Press LEFT soft key (YES) to confirm the deletion.

DOWNLOAD A TONE
You can download custom alert tones from the micro-browser application, or from a text message. To download tones from the micro-browser, see page 167. To download tones from a text message, see page 72.

SEND TONES

You can send alert tones to other wireless phone users. To insert a tone in a text message, see page 67. ###107 SETTING REMINDERS

A reminder is an alert that rings or vibrates at regular intervals to notify you about a voicemail, text, or chat message that you have received.

Note: *Alert* represents the current ring style.

Find the Feature:

1. Press MENU, press 4-Way UP once: RINGS STYLES. Press Right soft key to select.

2. Press 4-Way Down once: *Alert* detail. Press Right soft key to select.

3. Press 4-Way UP once: *Reminders*. Press Right soft key to select.

4. The first option offered is BEEP. Press 4-Way Down once to reach Vibrate, or, Press 4-Way UP once to reach OFF. Press Right soft key (SELECT) to select the reminder alert.

CUSTOMIZING SOFT KEYS

NOTE: THIS IS A DISPLAY DEPENDENT SETUP. *

* Menu scrolling involved.

You can relabel the soft keys to access different main menu items from the idle display.

IMPORTANT NOTE: Keep in mind that if you customize the soft keys, the directions in this manual may no longer be accurate.

Find the Feature:

Scroll menu path as follows--MENU, SETTINGS: Other Settings; Personalize; KEYS.

1. Press 4-Way scroll to *Left* or *Right*

2. Press Right soft key (CHANGE) to select the key.

3. Press 4-Way to scroll to a menu feature.

4. Press Right soft key (SELECT) to confirm the menu feature. ###108 SETTING ANSWER OPTIONS

You can use any of several different methods to answer incoming calls.

Find the Feature:

1. Press MENU, press 4-Way UP twice: SETTINGS. Press Right soft key to select.

2. Press 4-Way Down three times: *In-Call Setup*. Press Right soft key to select.

3. Press 4-Way Down four times: *Answer Options*. Press Right soft key to select.

Turn the following call answering options on or off:

Multi-Key answer by pressing any key

4. The current *On* or *Off* option will be shown. Press Right soft key (CHANGE) to select the option.

--First option offered is ON; press 4-Way Down once to reach OFF. Press Right soft key (OK) to set option.

SETTING A WALLPAPER IMAGE

NOTE: THIS IS A DISPLAY DEPENDENT FEATURE.

You can set a picture or an animation as a wallpaper (background) image in your phone's idle display.

NOTE: When you set an animation as a wallpaper image, only the first frame of the animation is displayed.
Find the Feature:
Scroll menu path as follows--MENU, SETTINGS: Other Settings; Personalize; WALLPAPER.
1. Press 4-Way to scroll to *Picture*.
2. Press Right soft key (CHANGE) to open the picture viewer.
3. Press 4-Way to left or Right to scroll to a picture/animation
Scroll to (*None*) to turn off the wallpaper image.
4. Press Right soft key (SELECT) to select the image.
5. Press 4-Way to scroll to *Layout*. ###109
6. Press Right soft key (CHANGE) to adjust the image layout.
7. Press 4-Way to scroll to *Center* or *Tile*.
Center places the image in the center of the display and, if necessary, shrinks the image to fill the display.
Tile fills the display with adjacent copies of the image.
8. Press Right soft key (SELECT) to confirm the layout setting.
9. Press LEFT soft key (DONE) to save wallpaper settings.

SETTING A SCREEN SAVER IMAGE
NOTE: THIS IS A DISPLAY DEPENDENT FEATURE.
You can set a picture or animation as a screen saver image in your phone's idle display. The image is displayed when no activity is detected for a specified time period.
The screen saver image is shrunk to fill the display, if necessary. An animation repeats for one minute, then the first frame of the animation is displayed.
Find the Feature:
Scroll menu path as follows--MENU, SETTINGS: Other Settings; Personalize; SCREEN SAVER.
1. Press 4-Way to scroll to *Picture*.
2. Press Right soft key (CHANGE) to open the picture viewer. ###110
3. Press 4-Way left or right to scroll to a picture/animation
Scroll to (*None*) to turn off the screen saver image.
4. Press Right soft key (SELECT) to select the image.
5. Press 4-way to scroll to *Delay*.
6. Press Right soft key (CHANGE) to set the delay interval.
7. Press 4-Way to scroll to the inactivity interval that triggers the screen saver.
8. Press Right soft key (SELECT) to confirm the delay setting.
9. Press LEFT soft key (DONE) to save screen saver settings.

CUSTOMIZING DISPLAY TEXT
OPTIONAL FEATURE:
NOTE: THIS IS A DISPLAY DEPENDENT FEATURE.
To change the greeting that appears when you turn on your phone:
Find the Feature:
Scroll menu path as follows--MENU, SETTINGS: Other Settings;

Personalize; GREETING.

CREATING SHORTCUTS
      Your phone includes several standard shortcuts. You can
create additional custom shortcuts to frequently used menu items.
###111
      STANDARD SHORTCUTS
      The following shortcuts are pre-programmed in your phone. You
cannot edit or delete these shortcuts.
      --Press MENU, then press and hold MENU (within two seconds)
to zoom in/out on your phone display
      --Press MENU, Star to lock/unlock your keypad
      --Press the down volume key (at lowest volume setting) to
switch to vibrate alert, then silent alert. Press the UP volume
key to cycle back to vibrate alert, then ring alert.
      --Press MENU, Pound key to display your phone number
      --Press SEND to go to the dialed calls list
      --Press END to exit the menu system
      --Press 4-Way down to open the phonebook
      --Press 4-Way UP to open the phonebook and go to [New Entry]

      CREATE A SHORTCUT
      NOTE: THIS IS A DISPLAY DEPENDENT SETUP. *
      * Menu scrolling involved.
      You can create a keypad shortcut plus an optional voice
shortcut to a menu item. A voice shortcut takes you directly to
the menu item when you say the shortcut name. ###112
      TIP: Make your recording in a quiet location. Hold the phone
about four inches (10 centimeters) from your mouth, and speak
directly into the phone in a normal tone of voice.
      1. Press MENU to enter the menu system.
      2. Press 4-Way to scroll to the menu item.
      3. Press and hold MENU to open the shortcut editor.
      4. Press LEFT soft key (YES) to display shortcut options.
      5. Press Right soft key (CHANGE) to change the keypad
shortcut number,
      OR,
      Press LEFT soft key (DONE) to select the default number,
      OR,
      Press 4-Way to scroll to Voice to assign a voice shortcut.
      6. Press Right soft key (RECORD) to begin recording.
      7. Press and release the voice key and say the shortcut's
name (in two seconds) to record the shortcut name.
      8. Press and release the voice key and repeat the name to
confirm the shortcut name.
      9. Press LEFT soft key (DONE) to store the shortcut name.
###113
      USE A KEYPAD SHORTCUT
      1. Press MENU to open the menu.
      2. Press the keypad shortcut number to go to the menu item or
perform the menu action.

      SELECT A SHORTCUT FROM THE LIST
      NOTE: THIS IS A DISPLAY DEPENDENT FEATURE.

Find the Feature:
Scroll menu path as follows--MENU, SHORTCUTS; The SHORTCUT
you want.

USE A VOICE SHORTCUT
1. Press MENU to open the menu.
2. Press and release the voice key and say the shortcut's
name (in two seconds) to go to the menu item, or perform the menu
action.

EDIT OR DELETE A SHORTCUT
NOTE: THIS IS A DISPLAY DEPENDENT FEATURE.
The shortcut list is sorted by key. If you change a
shortcut's key, you change its place in the list.
Find the Feature:
Scroll menu path as follows--MENU, SHORTCUTS.
1. Press 4-Way to scroll to the shortcut. ###114
2. Press MENU to open the *Shortcut Menu* to perform procedures
as described in the following list.

The *Shortcut Menu* includes the following options:
Edit: Edit the shortcut.
NOTE: Use this option to delete the associated voice
shortcut.
Reorder List: Change the shortcut list order.
Delete: Delete the shortcut.
Delete: All Delete all shortcuts.

DIALING OPTIONS
    FIXED DIALING
    OPTIONAL FEATURE:
    When you turn on fixed dialing, users can only call numbers stored in the fixed dial list. Use this feature to limit outgoing calls to a predefined list of numbers, country codes, area codes, or other prefixes.

    Turning Fixed Dialing ON or OFF
    NOTE: THIS IS A DISPLAY DEPENDENT SETUP. *
    * Scroll to feature option.
    Find the Feature:
    Scroll menu path as follows--MENU, SETTINGS: Security; FIXED DIAL.
    1. Press keypad keys to enter your SIM PIN2 code.
    2. Press Right soft key (OK) to open the fixed dial menu.
    3. Press 4-Way to scroll to *On* or *Off*.
    4. Press Right soft key (SELECT) to select *On* or *Off*.

    Using the Fixed Dial List
    NOTE: THIS IS A DISPLAY DEPENDENT FEATURE.
    You must turn on fixed dialing to open the fixed dial list (see above).
    Find the Feature:
    Scroll menu path as follows--MENU, SETTINGS: Security; FIXED DIAL. ###116
    You can create, edit, delete, and sort fixed dial entries just like phonebook entries. Fixed dial entries are stored on your SIM card and do not have *Type* or *Voice Name* fields.

    SERVICE DIALING
    OPTIONAL FEATURE:
    Dial pre-programmed numbers stored on your SIM card. Your service provider may program your SIM card with numbers for services such as taxi companies, restaurants, and hospitals.
    Find the Feature:
    Scroll menu path as follows--MENU, SERVICE DIAL.

    QUICK DIALING
    OPTIONAL FEATURE:
    NOTE: THIS IS A DISPLAY DEPENDENT FEATURE. *
    * List scrolling involved.
    Dial pre-programmed numbers stored on your phone. Your service provider may program your phone with one or more quick dial numbers, such as the customer service number.
    NOTE: Your service provider may use a different name for this feature.
    To open and dial numbers on the quick dial list:
    Find the Feature:
    Scroll menu path as follows--MENU, QUICK DIAL.

    To edit the quick dial list:

Find the Feature:
Scroll menu path as follows--MENU, SETTINGS: Other Settings; Personalize; QUICK DIAL. ###117 SEND DTMF TONES
Your phone can send a number to the network as dual tone multi-frequency (DTMF) tones. Use DTMF tones to communicate with automated systems that require you to submit a PIN code or credit card number.

ACTIVATING DTMF TONES
You can set DTMF tones to *Long*, *Short*, or *Off*:
Find the Feature:
1. Press MENU, press 4-Way UP twice: SETTINGS. Press Right soft key to select.
2. Press 4-Way UP twice: OTHER SETTINGS. Press Right soft key to select.
3. Press 4-Way Down once: INITIAL SETUP. Press Right soft key to select.
4. Press 4-Way UP three times: DTMF. Press Right soft key to select.
5. The first option offered is SHORT. Press 4-Way Down once to reach LONG, or, Press 4-Way UP once to reach OFF. Press Right soft key (SELECT) to select the DTMF setting.

SENDING DTMF TONES FROM AN ACTIVE CALL
NOTE: THIS IS A DISPLAY DEPENDENT FEATURE. *
* Menu scrolling involved.
During a call, dial digits or select a number, then:
1. Press MENU to open the *Dialing Menu.*
2. Press 4-Way to scroll to *Send Tones.*
3. Press Right soft key (SELECT) to send number as DTMF tones.

TTY OPERATION
OPTIONAL ACCESSORY:
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.

NOTES:
--Use a TSB-121 compliant cable (provided by the TTY manufacturer) to connect the TTY device to your phone. ###118
--Set the phone volume to level 4 (middle setting) for proper operation. If you experience a high number of incorrect characters, adjust the volume as necessary to minimize the error rate.
--For optimal performance, your phone should be at least 12 inches (30 centimeters) away from the TTY device. Placing the phone too close to the TTY device may cause high error rates.

SET TTY MODE
NOTE: THIS IS A DISPLAY DEPENDENT SETUP *
* Menu scrolling involved.

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

NOTE: You must set the phone to a TTY mode prior to making a call. You cannot activate or change the TTY mode setting during an active call.

Find the Feature:

Scroll menu path as follows--MENU, SETTINGS: Other Settings; Initial Setup; TTY SETUP.

1. Press 4-Way to scroll to *TTY Setup*.
2. Press Right soft key (CHANGE) to change the TTY mode.
3. Press 4-Way to scroll to the TTY mode.
4. Press Right soft key (SELECT) to select the TTY mode.
###119

The *TTY Setup* menu includes the following options:

TTY: Transmit and receive TTY characters.

VCO: Receive TTY characters but transmit by speaking into the microphone.

HCO: Transmit TTY characters but receive by listening to the earpiece.

Voice: Return to normal voice mode.

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

RETURN TO VOICE MODE

To return to normal voice mode, select *Voice* from the TTY Setup menu as described on page *118*.

USING HANDS-FREE FEATURES

OPTIONAL ACCESSORY:

You can purchase an optional Motorola Original (tm) hands-free car kit or headset for your phone. These accessories provide alternative ways for you to use your phone without using your hands.

To connect a wireless Bluetooth (tm) car kit, see the user guide for your Bluetooth Phone Module and car kit.

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. ###120

ACTIVATE AN ATTACHED SPEAKERPHONE

To use an external speakerphone with your phone, connect the speakerphone and, during an active call:

Press Right soft key (SPEAKER) (if available),

OR,

DISPLAY METHOD: Press MENU, press 4-Way to scroll to *Spkrphone On*,

to activate the attached speakerphone

AUTOMATIC ANSWER

You can set your phone to automatically answer calls after two rings (four seconds) when connected to a car kit or headset.

Find the Feature:
1. Press MENU, press 4-Way UP twice: SETTINGS. Press Right soft key to select.
2. Press 4-Way UP twice: OTHER SETTINGS. Press Right soft key to select.
3. Press 4-Way UP twice: *Car Settings*,
OR,
Press 4-Way UP once: *Headset*
Press Right soft key (SELECT) to select the feature.
4. *Auto Answer* is the first option offered in either selection above. The current *On* or *Off* option will be shown. Press Right soft key (SELECT) to select *Auto Answer*.
--First option offered is OFF; press 4-Way Down once to reach ON. Press Right soft key (OK) to set option. ###121
AUTOMATIC HANDS-FREE
You can set up your phone to automatically route calls to a car kit when it detects a connection.
Find the Feature:
1. Press MENU, press 4-Way UP twice: SETTINGS. Press Right soft key to select.
2. Press 4-Way UP twice: OTHER SETTINGS. Press Right soft key to select.
3. Press 4-Way UP twice: *Car Settings*. Press Right soft key to select.
4. Press 4-Way Down once: *Auto Handsfree* The current *On* or *Off* option will be shown. Press Right soft key (SELECT) to select the option.
--First option offered is OFF; press 4-Way Down once to reach ON. Press Right soft key (OK) to set option.

POWER-OFF DELAY
When your phone is connected to a car kit, you can set it to stay on for a period of time after you switch off the ignition. This prevents the phone from draining your vehicle battery, but leaves the phone on long enough that you do not have to re-enter your unlock code when making short stops.
NOTE: This feature may not work with all car ignition switches.
CAUTION: If you select Continuous, the phone does not power off when you turn off the ignition. Be careful not to drain your vehicle battery if you select this option.

Find the Feature:
1. Press MENU, press 4-Way UP twice: SETTINGS. Press Right soft key to select.
2. Press 4-Way UP twice: OTHER SETTINGS. Press Right soft key to select.
3. Press 4-Way UP twice: *Car Settings*. Press Right soft key to select.
4. Press 4-Way Down twice: *Power-Off Delay*. Press Right soft key to select.
5. The first option offered is 0 minutes. Press Right soft key to select,

OR,
Press Right soft key to select one of the following options:
--Press 4-Way Down once: 15 minutes
--Press 4-Way Down twice: 30 Minutes
--Press 4-Way UP twice: 60 Minutes
--Press 4-Way UP once: Continuous ###122

CHARGER TIME
When your phone is connected to a car kit, you can set it to charge itself for a specified time period after you switch off the ignition. This helps ensure that the phone battery gets fully charged while the vehicle is parked.
NOTE: This feature may not work with all car ignition switches.

Find the Feature:
1. Press MENU, press 4-Way UP twice: SETTINGS. Press Right soft key to select.
2. Press 4-Way UP twice: OTHER SETTINGS. Press Right soft key to select.
3. Press 4-Way UP twice: *Car Settings*. Press Right soft key to select.
4. Press 4-Way Down three times: *Charger Time*. Press Right soft key to select.
5. The first option offered is OFF. Press Right soft key to select,
OR,
Press Right soft key to select one of the following options:
--Press 4-Way Down once: 1 Hour
--Press 4-Way Down twice: 2 Hours
--Press 4-Way UP twice: 3 Hours
--Press 4-Way UP once: 8 Hours

MAKING DATA AND FAX CALLS
OPTIONAL ACCESSORY:
NOTE: THIS IS A DISPLAY DEPENDENT FEATURE.
An optional Motorola Original (tm) data kit (which includes a cable connector or Bluetooth (tm) Phone Module) lets you transfer data between your phone and a computer, Palm OS (r) compatible device, or Microsoft Windows CE, Pocket PC, or Handheld PC device. Your phone also supports data transfer via the infrared data port. You can: ###123
--Synchronize phonebook and datebook information between your phone and a computer or PDA.
--Use your phone as a modem to connect to the Internet.
--Use your phone to send and receive data and fax calls from your computer or handheld device.

MAKE A CABLE CONNECTION
Installing the Software
To transfer data between your phone and computer, you must install the software included with the Motorola Original data kit. See the data kit's user guide for more information.

Attaching the Cable

Use a Motorola Original serial cable or Motorola Original USB cable to connect your phone to the external device.

NOTE: Not all devices are compatible with a cable connection. Check your computer or handheld device to determine the type of cable you need. ###124

Serial Cable:

1. Plug the serial cable into the detachable head. Make sure that the Motorola logo on the detachable head and the metal shielding on the serial cable plug are both facing you.

2. With the Motorola logo and the phone both facing you, plug the detachable head into the phone's accessory connector port.

3. Plug the other end of the cable into the serial interface connection on the device and tighten the screws, if present. ###125

USB Cable:

1. Plug the end of the cable with the Motorola logo into the phone's accessory connector port. Make sure that the logo and the phone are both facing you.

2. Plug the other end--the USB connection--into the USB port on the device.

MAKE A BLUETOOTH WIRELESS CONNECTION

To connect your phone using Bluetooth (tm) wireless technology, see the user guide for your Bluetooth Phone Module and accessories.

NOTE: Not all devices are compatible with a Bluetooth connection. Check your external device for specifications.

MAKE AN INFRARED WIRELESS CONNECTION

Installing the Software:

To transfer data between your phone and computer, you must install the Motorola IrDA driver software on your computer. Download the driver software from the Motorola Web site at: http://commerce.motorola.com/consumer/QWhtml/customer_service.html ###126

See the instructions provided with the driver software for more information.

Setting Up the Infrared Connection:

If necessary, disconnect any serial or USB cables connected to your phone. Position the phone so that the infrared data port (consult original print manual on page 1) points toward the data port on the external device. Your phone must be within one foot (30 centimeters) of the device. Nothing can block the line of sight between the two devices.

NOTES:

--This phone is classified as a Class 1 LED product and is considered safe under reasonable use.

--Not all devices are compatible with an infrared connection. Check your device for specifications.

Find the Feature:

Scroll menu path as follows--MENU, SETTINGS: Connection; IRDA LINK.
Press Right soft key (START) to activate the infrared link.

If the phone is unable to locate or establish a connection with an infrared-capable device within five minutes, it displays IrDA link failed. Retry Now?.
Press Right soft key (YES) to try another connection. ###127
Breaking the Infrared Connection:
Press LEFT soft key (CANCEL) to cancel the attempt to establish an infrared connection. Press LEFT soft key (STOP) to break an active infrared connection.

SYNCHRONIZE DATA
You can synchronize phonebook and datebook information between your phone and a computer or handheld device with Starfish TrueSync (r) software, a Motorola accessory product. See the TrueSync user guide for more information.
NOTE: TrueSync software is designed to synchronize with basic features of many popular Personal Information Management (PIM) software and hardware products.

SEND A DATA OR FAX CALL
Use this procedure to send data or a fax from a connected device using a CSD or GPRS network connection.
Connect your phone to the device as described on pages 123-127 and do the following:
1. Check the phone to make sure that the phone is connected and powered on. ###128
2. Open the application on your computer to place the call through the application (such as dial-up-networking or fax) Note: You cannot dial data or fax numbers through your phone's keypad. You must dial them through your computer, unless you are making a talk then fax call (see page 129).
3. End the call from the connected device to close the call and connection when the transfer is complete.

RECEIVE A DATA OR FAX CALL
Use this procedure to transfer data or a fax to your computer or handheld device. Connect your phone to the device as described on pages 123-127.

Transferring the Data or Fax:
Your phone notifies you when the data or fax call arrives, and transfers the call to the connected device. Use the application running on the device to answer the call.

Ending the Data/Fax Connection:
When the data or fax transfer is complete:
--End the call from the connected device to close the call connection. ###129
MAKE A TALK THEN FAX CALL
OPTIONAL FEATURE:
You can place a call where you talk and then send a fax to

the same phone number within the same call.
NOTE: You cannot use this feature with an infrared wireless connection.
Connect to the device that will send the fax as described on pages 123-127 and do the following:
1. Press keypad keys to enter the phone number.
2. Press MENU to open the Dialing Menu.
3. Press 4-Way to scroll to *Talk Then Fax*.
4. Press Right soft key (SELECT) to select *Talk Then Fax*. Your selection applies to the next call only.
5. Press SEND to make the call.
Speak and, when ready, initiate the fax transfer on the connected device. When the transfer is complete, end the call from the connected device. ###130 MONITORING PHONE USE
NOTE: THIS IS A DISPLAY DEPENDENT FEATURE. *
* See page 134 for information on timers with an audible alert during a call.

DISPLAY AND RESET CALL TIMERS
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 END. 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.

To display a call timer:
OPTIONAL FEATURE:
Find the Feature:
Scroll menu path as follows--MENU, RECENT CALLS; CALL TIMES.

Select one of the following options:
Last Call: Approximate time spent on the last dialed or received call. You cannot reset this timer.
Dialed Calls: Approximate total time spent on dialed calls since the last time you reset this timer.
Received Calls: Approximate total time spent on calls received since the last time you reset this timer. ###131
All Calls: Approximate total time spent on dialed and received calls since the last time you reset this timer.
Lifetime: Approximate total time spent on all calls on this phone. You cannot reset this timer.

To reset the call timer:
1. Press Right soft key (RESET) to reset the time (if available).
2. Press LEFT soft key (YES) to confirm the reset.

VIEW AND RESET COST TRACKERS
OPTIONAL FEATURE:
To display a cost tracker:

Find the Feature:
Scroll menu path as follows--MENU, RECENT CALLS; CALL COST.

Select one of the following options:
Credit Available: Amount of credit available. For GSM advice of charge, available only if you set a credit limit.
Expiration Date: Date that available credit expires. Available only with subscription to a prepay option. ###132
Last Deposit: Amount of last deposit. Available only with subscription to a prepay option.
Last Call: Amount spent on last dialed or received call. You cannot reset this cost tracker.
Dialed Calls: Amount spent on dialed calls since the last time you reset this cost tracker.
Received Calls: Amount spent on received calls since the last time you reset this cost tracker.
All Calls: Amount spent on dialed and received calls since the last time you reset this cost tracker.
You can reset this value separate from *Dialed Calls* and
Received Calls, so *Dialed Calls* plus *Received Calls* may not equal *All Calls*.

To reset the cost tracker:
1. Press Right soft key (RESET) to reset the cost, if available.
2. Press LEFT soft key (OK) to enter your PIN2 code to confirm the reset. ###133
VIEW CREDIT INFORMATION
Prepay Option:
OPTIONAL FEATURE:
If you subscribe to a prepay option, you can display the amount of credit available, its expiration date, and the date of your last deposit.
Find the Feature:
Scroll menu path as follows--MENU, PHONE STATUS: CREDIT INFO.

Advice of Charge Option:
OPTIONAL FEATURE:
If you subscribe to an advice of charge option, you can display the amount of credit available.
Find the Feature:
Scroll menu path as follows--MENU, PHONE STATUS: CREDIT AVAILABLE.

ADJUST CALL COST SETTINGS
OPTIONAL FEATURE:
You can set a credit limit so that the phone displays your remaining credit during calls. The phone notifies you when you near your limit, and ends the call when you reach it.
Find the Feature:
Scroll menu path as follows--MENU, SETTINGS: In-Call Setup; CALL COST SETUP. ###134
USE TIMERS DURING A CALL

You can set a timer to beep at selected intervals during a call, and display different types of information during a call.

Find the Feature:

1. Press MENU, press 4-Way UP twice: SETTINGS. Press Right soft key to select.

2. Press 4-Way Down three times: *In-Call Setup*. Press Right soft key to select.

3. The first option available is *In-Call Timer*. Press Right soft key to select.

4. The first option available is *Display*. This is a DISPLAY DEPENDENT FEATURE. See more information below.

--Press 4-Way Down once: *Beep*. Press Right soft key to select.

--The option will be 60 seconds. Press 4-Way Down once to reach OFF.

--Press Right soft key to select the option you want.

5. For a timed Beep during a call, select 60 seconds. You will then have the option to press the LEFT soft key to *Delete* the 60. Press Left soft key twice to delete both numerals. Then use keypad keys to enter the number of seconds you want between the beeps and press Right soft key to set the amount.

For *Display* options:

Select one of the following options:

Time: Display the approximate elapsed time for the current call.

Cost (OPTIONAL FEATURE): Display the cost of the current call (if you subscribe to a call cost option or advice of charge).

Total Cost (OPTIONAL FEATURE): Display the cost of all calls since the last time you reset the timer (if you subscribe to a call cost option or advice of charge).

Credit Available (OPTIONAL FEATURE): Display how much credit you have left (if you subscribe to a call cost option or advice of charge).

Off: No in-call timer display. ###135

VIEW AND RESET GPRS PACKET DATA TIMERS AND DATA VOLUME METERS

OPTIONAL FEATURE:

NOTE: THIS IS A DISPLAY DEPENDENT FEATURE.

Your phone may use a high-speed GPRS (General Packet Radio Service) network connection to transfer data during a data or fax call. This type of procedure, where an external device uses your phone to upload or download data, is referred to as an *external data session*.

Your phone's micro-browser also may use a GPRS connection to upload and download data from the Internet. This is an example of an *internal data session*.

Your phone tracks, in one-minute increments, the approximate time spent and approximate volume of data transferred during these data sessions.

The amount of data session time and data transfer volume you track on your resettable data timers and data volume meters may not equal the amount of data session time or data transfer volume

for which you are billed by your service provider. For billing information, please contact your service provider directly.

    Data Timers:
    You can display the approximate time spent on the last data session, display the approximate total time spent on all data sessions, and reset the *All Data Sessions* timers.

    To display timers for the last data session:
    Find the Feature:
    Scroll menu path as follows--MENU, RECENT CALLS: Data Times; RECENT DATA SESSION. ###136
    Select one of the following options:
    External Data Session: Approximate time spent on the last external data session. You cannot reset this timer.
    Internal Data Session: Approximate time spent on the last internal data session. You cannot reset this timer.
    Total Time: Approximate total time spent on the last external and internal data sessions. You cannot reset this timer.

    To display or reset cumulative timers for all data sessions:
    Find the Feature:
    Scroll menu path as follows--MENU, RECENT CALLS: Data Times; ALL DATA SESSIONS.

    Select one of the following options:
    External Data Sessions: Approximate total time spent on all external data sessions since the last time you reset this timer.
    Internal Data Sessions: Approximate total time spent on all internal data sessions since the last time you reset this timer. ###137
    Total Time: Approximate total time spent on all external and internal data sessions since the last time you reset this timer.
    Reset All: Reset all data sessions timers.

    Data Volume Meters:
    You can display the volume of data transferred during the most recent data session, display the total amount of data transferred for all data sessions, and reset the *All Data Sessions* volume meters.

    To display volume meters for the last data session:
    Find the Feature:
    Scroll menu path as follows--MENU, RECENT CALLS: Data Volumes; RECENT DATA SESSION.

    Select one of the following options:
    External Data Session: Display data sent, data received, and total volume of data sent and received during the last external data session. You cannot reset this volume meter.
    Internal Data Session: Display data sent, data received, and total volume of data sent and received during the last internal data session. You cannot reset this volume meter. ###138

Total Data Transferred: Display data sent, data received, and total volume of data sent and received during the last external and internal data sessions. You cannot reset this volume meter.

To display or reset cumulative volume meters for all data sessions:
Find the Feature:
Scroll menu path as follows--MENU, RECENT CALLS: Data Volumes; ALL DATA SESSIONS.

Select one of the following options:

External Data Sessions: Display data sent, data received, and total volume of data sent and received for all external data sessions since the last time you reset this volume meter.
Internal Data Sessions: Display data sent, data received, and total volume of data sent and received for all internal data sessions since the last time you reset this volume meter. ###139
Total Data Transferred: Display data sent, data received, and total volume of data sent and received for all external and internal data sessions since the last time you reset this volume meter.
Reset All: Reset all data sessions volume meters.

ADJUSTING NETWORK SETTINGS
OPTIONAL FEATURE:
NOTE: THIS IS A DISPLAY DEPENDENT FEATURE.
Your service provider registers your phone to a network. You can view information about the current network, change how your phone searches for a network, specify your preferred networks, and activate alerts that indicate when a call is dropped or network registration changes.
Find the Feature:
Scroll menu path as follows--MENU, SETTINGS: Other Settings; NETWORK.

SETTING THE FREQUENCY BAND
OPTIONAL FEATURE:
You may be able to manually change the frequency band your phone uses for calls when you travel from regions using 1900 MHz (common in North and South America) to regions using 900/1800 MHz (common in Europe and Asia) or vice versa. Contact your service provider for more information regarding global roaming. ###140
NOTE: If the Band option is not available, your phone is configured to automatically search all bands for service.

1. Press MENU, press 4-Way UP twice: SETTINGS. Press Right soft key to select.
2. Press 4-Way UP twice: OTHER SETTINGS. Press Right soft key to select.
3. Press 4-Way UP three times: NETWORK. Press Right soft key to select.
4. Press 4-Way Down once: NETWORK SETUP. Press Right soft key

(CHANGE) TWICE to select *Band*.
     5. The first option available will be *Automatic*. Press Right soft key to let your phone select the band,
     OR,
     Press Right soft key to select one of the following band options:
     --Press 4-Way Down once: 1900
     --Press 4-Way UP once: 900/1800

LOCKING AND UNLOCKING YOUR 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. For more information, see page 50.

LOCK YOUR PHONE MANUALLY
Find the Feature:
1. Press MENU, press 4-Way UP twice: SETTINGS. Press Right soft key to select.
2. Press 4-Way UP three * times: SECURITY. Press Right soft key to select.
* If your model does not have the *Ring/Vibrate* feature, omit one key press in this step.
3. *Phone Lock* is the first option available. Press Right soft key to select.
4. *Lock Now* is the first option available. Press Right soft key to select.
5. Press keypad keys to enter your unlock code.
6. Press Right soft key (OK) to lock the phone.

SET YOUR PHONE TO LOCK AUTOMATICALLY
You can set your phone to lock every time you turn it off:
Find the Feature:
1. Press MENU, press 4-Way UP twice: SETTINGS. Press Right soft key to select.
2. Press 4-Way UP three * times: SECURITY. Press Right soft key to select.
* If your model does not have the *Ring/Vibrate* feature, omit one key press in this step.
3. *Phone Lock* is the first option available. Press Right soft key to select.
4. Press 4-Way Down once: *Automatic Lock*. Press Right soft key to select.
--First option offered is ON; press 4-Way Down once to reach OFF. Press Right soft key (OK) to set option.
5. For *ON* option:
--Press keypad keys to enter your unlock code.
--Press Right soft key (OK) to activate automatic lock.
UNLOCK YOUR PHONE
When the *Automatic Lock* feature is set for ON, you will need to enter your unlock code each time you turn on the phone. The *Enter Unlock Code* prompt will appear as the phone is turned on.

At the *Enter Unlock Code* prompt:
1. Press keypad keys to enter your unlock code. If you do not know your code, see page 144.
2. Press Right soft key (OK) to unlock your phone.

CHANGING A CODE, PIN, OR PASSWORD
Your phone's four-digit unlock code is originally set to 1234, and the six-digit security code is originally set to 000000 at the factory. Your service provider may reset these numbers before you receive your phone.

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

You can also reset your SIM card PIN code, PIN2 code, and/or call barring password if necessary. ###143 NOTES:
--THIS IS A DISPLAY DEPENDENT SETUP. *
* See information below on reaching the *New Passwords* feature.
--Your service provider may retain your phone's security code for customer service purposes. In this case, you will not be able to use phone features that require you to enter the security code.
--If the unlock code is the only code you can change, the *New Passwords* menu is not available. In this case, open the unlock code editor by scrolling the path as follows.

Find the Feature:
Scroll menu path as follows--MENU, SETTINGS: Security; Phone Lock; UNLOCK CODE.

To change a code or password:
Find the Feature:
1. Press MENU, press 4-Way UP twice: SETTINGS. Press Right soft key to select.
2. Press 4-Way UP three * times: SECURITY. Press Right soft key to select.
* If your model does not have the *Ring/Vibrate* feature, omit one key press in this step.
3. Press 4-Way UP once: *New Passwords*. Press Right soft key to select.
4. The first option offered is *Unlock Code*. Press Right soft key to select,
OR,
Press Right soft key to select one of the following options:
--Press 4-Way Down once: *Security Code*
--Press 4-Way Down twice: *SIM PIN2*
--Press 4-Way UP once: *Bar Password*
5. For any option above, press keypad keys to enter your old code.
NOTE: For *Bar Password*, you will need to enter your old barring password. This may not be the same as your regular password.
6. Press Right soft key (OK) to submit your old code.
7. Press keypad keys to enter the new code.
8. Press Right soft key (OK) to assign the new code.
9. Press keypad keys to re-enter the new code.
10. Press Right soft key (OK) to confirm the new code. ###144
IF YOU FORGET A CODE, PIN, OR PASSWORD

If you forget your security code, SIM card PIN code, PIN2 code, or call barring password, contact your service provider.

If you forget your unlock code, try entering 1234 or the last four digits of your phone number. If that does not work, do the following at the *Enter Unlock Code* prompt:

1. Press MENU to open the unlock code bypass screen.

2. Press keypad keys to enter your security code.

3. Press Right soft key (OK) to submit your security code. (Your phone will unlock the same as if you had entered your Unlock Code.)

LOCKING AND UNLOCKING THE KEYPAD

You can lock your phone keypad to prevent accidental keypresses (for example, when carrying your phone in a purse or pocket).

--Press MENU, Star key to lock or unlock your keypad.

NOTE: Incoming calls and messages unlock the keypad. ###145

PROTECTING THE SIM CARD

Your PIN (Personal Identification Number) code protects the information stored on your SIM card. When SIM PIN is activated, you must enter your SIM card PIN code each time you turn on the phone or insert a SIM card.

Find the Feature:

1. Press MENU, press 4-Way UP twice: SETTINGS. Press Right soft key to select.

2. Press 4-Way UP three * times: SECURITY. Press Right soft key to select.

* If your model does not have the *Ring/Vibrate* feature, omit one key press in this step.

3. Press 4-Way UP twice: * *SIM PIN*. Press Right soft key to select.

* If your phone does not offer the *New Passwords* menu feature, you may need to omit one key press in this step.

4. The first option offered is ON; press 4-Way Down once to reach OFF. Press Right soft key (OK) to set option.

5. To switch protection ON, press keypad keys to enter your SIM card PIN code. Press Right soft key (OK) to submit your code.

UNBLOCK THE SIM CARD PIN CODE

If you enter an incorrect SIM card PIN code three times in a row, your SIM card is disabled and your phone displays SIM Blocked. You must enter a PIN unblocking key (PUK) code, which you can obtain from your service provider.

CAUTION: If the unblocking attempt is tried unsuccessfully 10 times, the SIM card is permanently disabled and your phone displays SIM Disabled.

1. Press Star, Star, 0, 5, Star to open the PIN unblocking editor.

2. Press keypad keys to enter the PUK code.

3. Press Right soft key (OK) to submit the PUK code. ###146

4. Press keypad keys to enter a new SIM card PIN code.

NOTE: The SIM PIN code must be between four and eight digits in length.

5. Press Right soft key (OK) to assign the new SIM PIN code.

6. Press keypad keys to re-enter the new SIM PIN code.

7. Press Right soft key (OK) to confirm the new SIM PIN code and unblock the SIM card. ###147

UNBLOCK THE SIM CARD PIN2 CODE

If you enter an incorrect SIM card PIN2 code three times in a row, your SIM PIN2 features are disabled and your phone displays SIM Blocked when you try to use a PIN2 feature. You must enter a PIN2 unblocking key (PUK2) code, which you can obtain from your service provider.

1. Press Star, Star, 0, 5, Star to open the PIN2 unblocking editor.

2. Press keypad keys to enter the PUK2 code.

3. Press Right soft key (OK) to submit the PUK2 code. ###146

4. Press keypad keys to enter a new SIM card PIN2 code.

NOTE: The SIM PIN2 code must be between four and eight digits in length.

5. Press Right soft key (OK) to assign the new SIM PIN2 code.

6. Press keypad keys to re-enter the new SIM PIN2 code.

7. Press Right soft key (OK) to confirm the new SIM PIN2 code and unblock the SIM card. ###148 LOCKING AND UNLOCKING APPLICATIONS

NOTE: THIS IS A DISPLAY DEPENDENT SETUP *

* Menu scrolling involved.

You can lock specific phone applications (such as the phonebook) so that users must enter the unlock code to use them.

Find the Feature:

Scroll menu path as follows--MENU, SETTINGS: Security; LOCK APPLICATION.

1. Press keypad keys to enter your unlock code.

2. Press Right soft key (OK) to open the lock application menu.

3. Press 4-Way to scroll to the application.

4. Press Right soft key (CHANGE) to select the application.

5. Press 4-Way to scroll to *Locked* or *Unlocked*.

6. Press Right soft key (SELECT) to select *Locked* or *Unlocked*.

PERSONAL ORGANIZER FEATURES
DATEBOOK
     NOTE: ALL COMPONENTS OF THIS FEATURE ARE DISPLAY DEPENDENT.
     The datebook is a calendar that lets you schedule and organize events such as appointments and meetings. You can set the datebook to send a reminder alarm for specific events.
     The datebook also provides an alarm clock with delay button.
     NOTE: You must set the correct time and date on your phone to use the datebook. See page 45.
     To schedule or review events in the datebook:
     Find the Feature:
     Scroll menu path as follows--MENU, DATEBOOK. ###150
     WEEK VIEW
     The datebook initially displays a calendar for the week. Lines or filled boxes indicate scheduled events.
     NOTE: Items shown in the DATEBOOK display include the following. Consult original print manual for more information on icons.
     Untimed event: bar over day.
     12 hour window: Day rectangle.
     Exit the datebook: BACK.
     Press MENU to open the *Datebook Menu*.
     Go to selected day: EDIT.
     One-hour event: Day sectioned.
     Full day (12-hour) event scheduled: Day completely darkened.
     Days of week (press 4-Way left or right to select). ###151
     DAY VIEW
     Select a day and press Right soft key (VIEW) to display the day's events.
     NOTE: Items shown in the DATEBOOK display include the following. Consult original print manual for more information on icons.
     --Untimed event
     --Reminder alarm
     --Down scroll arrow
     --Return to previous screen: BACK
     --Press MENU to open the *Datebook Menu*.
     --Show event details
     --Events
     --Day of week ###152
     EVENT VIEW
     Select an event and press Right soft key (VIEW) to display event details.
     NOTE: Items shown in the DATEBOOK detail display include the following. Consult original print manual for more information on icons.
     --Reminder alarm
     --Duration
     --Alarm time
     --Repeat
     --Return to previous screen: BACK
     --Press MENU to open the *Datebook Menu*
     --Edit event: EDIT

--Event details: Title, etc.
--Day and time

ADD A DATEBOOK EVENT
A title is required for a datebook event. All other
information is optional.
NOTE: You must create an event to use the reminder alarm.
Find the Feature:
Scroll menu path as follows--MENU, DATEBOOK: Day; MENU, NEW.
1. Press Right soft key (CHANGE) to select *Title*.
2. Press keypad keys to enter a title for the event. ###153
3. Press Right soft key (OK) to store the event title.
4. Press 4-Way to scroll to other fields and enter
information as necessary.
You can set start time, duration, date, repeat interval, and
reminder alarm.
5. Press LEFT soft key (DONE) to store the event.

CHANGE EVENT INFORMATION
Find the Feature:
Scroll menu path as follows--MENU, DATEBOOK.
1. Press 4-Way left or right scroll to the day.
2. Press Right soft key (VIEW) to display the day view.
3. Press 4-Way to scroll to the event.
4. Press Right soft key (VIEW) to display the event view.
5. Press Right soft key (EDIT) to edit the event.
6. Press 4-Way to scroll to the information you want to
change.
7. Press Right soft key (CHANGE) to edit the information.
8. Press keypad keys to enter new information.
9. Press LEFT soft key (DONE) to store the information.
###154
COPY AN EVENT
Find the Feature:
Scroll menu path as follows--MENU, DATEBOOK.
1. Press 4-Way left or right scroll to the day.
2. Press Right soft key (VIEW) to display the day view.
3. Press 4-Way to scroll to the event.
4. Press MENU to open the *Datebook Menu*.
5. Press 4-Way to scroll to *Copy*.
6. Press Right soft key (SELECT) to copy the event.
7. Press LEFT soft key (YES) to confirm the copy.
Your phone assumes that you want to change the date, and
displays the *Date* field.
8. Press keypad keys to enter the date information.
9. Press Right soft key, or press 4-Way to the right, to move
to the month, day, and year.
10. Press LEFT soft key (DONE) to save the copy of the event.
11. Press 4-Way to scroll to and edit event information, if
necessary.
12. Press LEFT soft key (DONE) to store the information.
###155
DELETE AN EVENT

Find the Feature:
Scroll menu path as follows--MENU, DATEBOOK.
1. Press 4-Way left or right scroll to the day.
2. Press Right soft key (VIEW) to display the day view.
3. Press 4-Way to scroll to the event.
4. Press MENU to open the *Datebook Menu*.
5. Press 4-Way to scroll to *Delete*.
6. Press Right soft key (SELECT) to select *Delete*.
7. Press LEFT soft key (YES) to confirm the deletion.

VIEW AND DISMISS AN EVENT REMINDER
When you set a reminder alarm for an event, the phone displays an event reminder and sounds a reminder alarm. To view or dismiss an event reminder:
Press Right soft key (VIEW) to display the event. Press 4-Way to scroll through the event details.
OR,
Press Left soft key (EXIT) to dismiss the reminder.

If you have more than one event set up for the same time, the phone displays each event in sequence. As you view and dismiss each event reminder, the next one is displayed. ###156
CHANGE THE DATEBOOK SETUP
You can change the datebook's daily start time, and set the length of time that events are stored.
Find the Feature:
Scroll menu path as follows--MENU, DATEBOOK: MENU, SETUP.

SYNCHRONIZE WITH TRUESYNC SOFTWARE
OPTIONAL ACCESSORY:
You can synchronize datebook entries between your phone and computer or hand-held device with Starfish TrueSync (r) software, a Motorola accessory product. See the TrueSync user guide for more information.
NOTE: TrueSync software is designed to synchronize with basic features of many popular Personal Information Management (PIM) software and hardware products.

OPTIONAL ACCESSORY:
To connect your phone using Bluetooth (tm) wireless technology, see the user guide for your Bluetooth Phone Module and accessories.

ALARM CLOCK
OPTIONAL FEATURE:
NOTE: THIS IS A DISPLAY DEPENDENT FEATURE. *
* Menu scrolling involved.
Your phone includes an alarm clock that you set and activate from the datebook week view or day view.
NOTE: This feature does not appear in the menu unless you have subscribed to it.

NOTES:

--The alarm clock setting does NOT appear in the datebook day view, and is not synchronized with datebook settings. (See page 157 for more details.)

--Your phone must be turned on to use the alarm. ###157

SET THE ALARM

Find the Feature:

Scroll menu path as follows--MENU, DATEBOOK: MENU, ALARM CLOCK.

1. Press Right soft key (SELECT) to edit the alarm settings.
2. Press Right soft key (CHANGE) to select *Start*.
3. Press keypad keys to enter the alarm activation time.
4. Press LEFT soft key (DONE) to store the time.
5. Press 4-Way to scroll to other fields and enter information as necessary.

You can set date, title, repeat interval, and an alarm clock indicator.

6. Press Right soft key (CHANGE) to select *Ringer*.
7. Press 4-Way to scroll to *On* to set the ringer or *Off* to turn off the ringer.
8. Press Left soft key (DONE) to store the alarm setting.

TURN OFF THE ALARM

When the alarm is activated, your phone rings or vibrates (depending on the alarm setting for the current ring style), and displays the time and alarm title. ###158

The alarm is programmed to ring for 30 minutes, or until you perform one of the following operations.

Press LEFT soft key (EXIT) or END to turn off the alarm.

Press Right soft key (DELAY) to turn off the alarm for 8 minutes.

The alarm is reactivated at the end of 8 minutes.

VOICE NOTES

You can use the voice note feature to record personal messages and phone calls on your phone.

RECORD A VOICE NOTE

Use this procedure to record a voice note from the idle display, or to record a phone call in progress. Your phone plays an alert tone to notify the other party that the call is being recorded.

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

TIP: Make your recording in a quiet location. Hold the phone about four inches (10 centimeters) from your mouth, and speak directly into the phone in a normal tone of voice. ###159

1. Press and hold the voice key for the duration of the recording. The phone sounds an alert tone and begins recording.
2. Speak your voice note. The phone records the voice note.
3. Release the voice key to stop recording. The phone displays the voice note number and total recording time.

VIEW THE VOICE NOTES LIST

NOTE: THIS IS A DISPLAY DEPENDENT FEATURE.
Find the Feature:
Scroll menu path as follows--MENU, VOICE NOTES.
NOTE: Items shown in the VOICE NOTES LIST display include the following. Consult original print manual for more information on icons.
--Locked voice note
--Down scroll arrow
--Return to previous screen: EXIT
--Press MENU to open the *Voice Notes Menu*
--Play the highlighted voice note: PLAY
--Time/date recorded ###160
PLAY A VOICE NOTE
Find the Feature:
Scroll menu path as follows--MENU, VOICE NOTES.
1. Press 4-Way to scroll to the voice note.
2. Press Right soft key (PLAY) to play the voice note.

When you connect an optional Motorola Original (tm) headset or FM Stereo Radio Headset accessory to your phone, playback is automatically routed to the headset.
TIP: You can play a voice note while taking a call. It will not be transmitted to the other party.

PLAYBACK SCREEN
NOTE: THIS IS A DISPLAY DEPENDENT FEATURE.
The playback screen is displayed as the voice note plays.
NOTE: Items shown in the PLAYBACK SCREEN display include the following. Consult original print manual for more information on icons.
--Shaded bar indicates percentage played
--Press 4-Way left to rewind
--Return to previous screen: SAVE
--Press MENU to open the *Voice Notes Menu*
--Erase voice note: DELETE
--Press 4-Way right to fast forward
--Voice note number ###161
VOICE NOTE CONTROLS
Use keys on the phone as follows:

--Stop playback and go to Voice Notes Menu: Press MENU.
--Raise or lower playback volume of voice note: Press Volume keys.
--Stop playback and return to voice notes list: Press LEFT soft key.
--Press 4-Way *up/down* to stop playback and scroll to next voice note.
--Press 4-Way *left* to rewind three seconds, resume playing. Press *left and hold* to rewind to the beginning.
--Press any number key to alternately stop and start playback.
--When playback is complete, press 4-Way *right* to restart.
--Press 4-Way *right* to fast forward three seconds, resume

playing. Press *right and hold* to fast forward to end.
    --If voice note is locked, press Right soft key to stop playback and unlock voice note.
    --If voice note is unlocked, press Right soft key to stop playback and display *Delete Voice Note?*. ###162
    LOCK AND UNLOCK A VOICE NOTE
    NOTE: THIS IS A DISPLAY DEPENDENT FEATURE. *
    * List scrolling involved.
    Lock a voice note to prevent it from being deleted. You must unlock a voice note to delete it.
    Find the Feature:
    Scroll menu path as follows--MENU, VOICE NOTES.
    1. Press 4-Way to scroll to the voice note.
    2. Press MENU to open the *Voice Notes Menu*.
    3. Press 4-Way to scroll to *Lock* or *Unlock*.
    4. Press Right soft key (SELECT) to lock or unlock the voice note.

    To lock or unlock a voice note during playback:
    1. Press MENU to open the *Voice Notes Menu*.
    2. Press 4-Way to scroll to *Lock* or *Unlock*
    3. Press Right soft key (SELECT) to lock or unlock the voice note.
    Playback stops when you lock or unlock a voice note. Press any number key to resume playback.

    DELETE A VOICE NOTE
    NOTE: THIS IS A DISPLAY DEPENDENT FEATURE. *
    * List scrolling involved.
    Find the Feature:
    Scroll menu path as follows--MENU, VOICE NOTES.
    1. Press 4-Way to scroll to the voice note.
    2. Press MENU to open the *Voice Notes Menu*.
    3. Press 4-Way to scroll to *Delete* or *Delete All*. ###163
    4. Press Right soft key (SELECT) to select the highlighted option.
    5. Press LEFT soft key (YES) to confirm the deletion,
    OR,
    Press Right soft key (NO) to cancel deletion.

NOTES:
    --You cannot delete a locked voice note.
    --You cannot recover deleted voice notes.

CALCULATOR
    NOTE: THIS IS A DISPLAY DEPENDENT FEATURE.
    You can use your phone as a calculator and currency converter.

    CALCULATE NUMBERS
    Find the Feature:
    Scroll menu path as follows--MENU, CALCULATOR.
    1. Press number keys to enter a number.

2. Press 4-Way to highlight a calculator function.
3. Press Right soft key (SELECT) to perform the function. ###164
NOTE: Items shown in the CALCULATOR display include the following. Consult original print manual for more information on icons.
--Selected function appears in the "Calculator" box.
--Press 4-Way to highlight a function.
--Exit the calculator: EXIT
--Press MENU to open the *Calculator Menu*.
--Perform highlighted function: SELECT
--Entered number shown in the "Calculator" box.

The calculator can perform the following functions:
Dot (Period): Insert a decimal point
C: Clear the calculation
CE: Clear entry (replaces C when you enter subsequent values in a calculation)
Plus sign: Add
Minus sign: Subtract
Times sign: Multiply
Division sign: Divide
MS: Store the value in memory (overwrites values already stored)
MC: Clear the value stored in memory
MR: Replace the displayed value with the value stored in memory ###165
Equal sign: Calculate the result
Percent sign: Divide the displayed value by 100
Dollar sign: Calculate the exchange rate
Plus/Minus sign: Change the entry's sign (positive/negative)

CONVERT CURRENCY
The currency converter works just like the calculator, but uses the currency function:
Find the Feature:
Scroll menu path as follows--MENU, CALCULATOR: MENU, EXCHANGE RATE.
1. Press number keys to enter the exchange rate.
2. Press Right soft key (OK) to store the exchange rate.
3. Press number keys to enter the amount to convert (amount to multiply by the exchange rate).
4. Press 4-Way to highlight the currency function.
5. Press Right soft key (SELECT) to perform the conversion.

MICRO-BROWSER
    OPTIONAL FEATURE:
    NOTE: ALL COMPONENTS OF THIS FEATURE ARE DISPLAY DEPENDENT.
    The micro-browser lets you access Web pages and Web-based applications on your phone. Contact your service provider to set up access, if necessary.
    NOTE: Your phone may use a high-speed GPRS (General Packet Radio Service) network connection. This type of connection is identified by a GPRS indicator * in the idle display that disappears when you start a micro-browser session. If a connected-call icon * is displayed during a micro-browser session, your phone is using a standard voice channel connection. The type of network connection your phone uses depends on your service provider's network. Your network connection charges may vary depending on the type of connection used.
    * Consult original print manual for more information on icons.

    START A MICRO-BROWSER SESSION
    Find the Feature:
    Scroll menu path as follows--MENU, BROWSER.
    1. Press 4-Way to scroll to a bookmark, service, or application.
    2. Press Right soft key (SELECT) to select the item. ###167
    SHORTCUT: If you open a text message with a Web address (URL) embedded in it, you can press MENU, *Go To* to launch the micro-browser and go directly to the URL.

    If you are unable to establish a network connection with the micro-browser, contact your service provider.

    INTERACT WITH WEB PAGES
    --Press 4-Way to scroll through text, or highlight a selectable item.
    --Press Right soft key (SELECT) to select the highlighted item.
    --Press keypad keys, followed by Right soft key (OK) to enter information.
    TIP: Press LEFT soft key (DELETE) to delete one letter at a time if you make a mistake.
    --Press LEFT soft key (BACK) to go back to the previous page
    --Press MENU to open the *Browser Menu*

    DOWNLOAD PICTURES AND SOUNDS
    You can download a picture, animation, or sound from a Web page by selecting its link. A picture or animation is displayed when downloading is complete. A sound begins to play when downloading is complete.
    You can store these object files on your phone, and use them as screen saver images, wallpaper images, and alert tones. ###168
    Storing a Picture or Animation File
    1. Press Right soft key (STORE) to display storage options.

2. Press 4-Way to scroll to *Set as Screen Saver* or *Set as Wallpaper*.
3. Press Right soft key (SELECT) to store the file and, optionally, set it as your screen saver or wallpaper image.

NOTE: When you set an animation as a wallpaper image, only the first frame of the animation is displayed.
For more information about using pictures and animations, see pages 108, 109, and 175.

Storing a Sound File
You can store a sound file, and set it as an event alert.
1. Press Right soft key (STORE) to view storage options.
2. Press 4-Way to scroll to *Store Only* or *Set As Ring Tone*.
3. Press Right soft key (SELECT) to select the option.
If you select *Store Only*, the procedure is complete.
If you select *Set As Ring Tone*, your phone displays *Set As Which?*, and lists the events for which you can set an alert.
4. Press 4-Way to scroll to the event.
5. Press Right soft key (SELECT) to store the sound and set it as the event alert. ###169
For more information about using sound files, see pages 97 and 100.

CREATE A NEW WEB SESSION
Use this feature to edit or create a new Web session, or network connection profile. You can use different Web sessions to connect to the Internet in different ways.

Find the Feature:
Scroll menu path as follows--MENU, WEB SESSIONS.

To create a Web session, you must configure the following settings. Contact your service provider to obtain the following information, if necessary. Actual field names and values may vary depending on the technologies available to your service provider. Some settings may not be available for all phone models.

Name: Web session name
Homepage: default home page
WAP IP 1: primary WAP gateway IP address
WAP Port 1: primary WAP port number
WAP IP 2: secondary WAP gateway IP address
WAP Port 2: secondary WAP port number ###170
Timeout: time at which the phone exits the micro-browser application when no keypress activity is detected
CSD No. 1: primary phone number to use to set up a CSD (circuit-switched data) connection
User Name 1: user name for primary CSD number
Password 1: password for primary CSD number
Speed (Bps) 1: connection speed for primary CSD number
Line Type 1: line type (modem or ISDN) for primary CSD number
CSD No. 2: secondary CSD dial-up phone number

User Name 2: user name for secondary CSD number
Password 2: password for secondary CSD number
Speed (Bps) 2: connection speed for secondary CSD number
Line Type 2: line type (modem or ISDN) for secondary CSD number
GPRS APN: GPRS Access Point Name (the name of the WAP service provider)
User Name: user name for GPRS APN connection
Password: password for GPRS APN connection ###171 JAVA APPLICATIONS
NOTE: ALL COMPONENTS OF THIS FEATURE ARE DISPLAY DEPENDENT.
Your phone may contain Java games and/or Java applications that add features and functionality to your phone. Java games and applications are stored in the My Java Apps folder. You can download and install additional Java games and applications on your phone.

DOWNLOAD AN APPLICATION WITH THE MICRO-BROWSER
Find the Feature:
Scroll menu path as follows--MENU, BROWSER.
Go to the page that contains the Java application you want, then:
1. Press 4-Way to scroll to the application.
2. Press Right soft key (SELECT) to view the application details.
3. Press Right soft key (DWNLOAD) to download the application.

LAUNCH A JAVA APPLICATION
Find the Feature:
Scroll menu path as follows--MENU, MY JAVA APPS. ###172
1. Press 4-Way to scroll to the application.
2. Press Right soft key (SELECT) to launch the application, or open the list of applications in a suite.
3. Press 4-Way to scroll to the application you want, if necessary.
4. Press Right soft key (SELECT) to launch the application.

EDIT NETWORK CONNECTION SETTINGS
Entering the DNS IP Address:
Your phone must be set up with a valid *domain name service* (DNS) IP address before you can run Java applications that require an active network connection. In many cases, your service provider has already entered this address for you. Contact your service provider to obtain the DNS IP address, if necessary.

Find the Feature:
Scroll menu path as follows--MENU, JAVA TOOLS: DNS IP.
1. Press keypad keys to enter the DNS IP address.
2. Press Right soft key (OK) to save the IP address.

Approving a Network Connection:
When a Java application tries to establish a network

connection, your phone prompts you to approve the connection. ###173 To automatically approve network connections for Java applications:

Find the Feature:
Scroll menu path as follows--MENU, JAVA TOOLS: NETWORK ACCESS.
1. Press 4-Way to scroll to *Always Ask*, *Ask Once Per App*, or *Never Ask*.
2. Press Right soft key (SELECT) to select the highlighted setting.

USE CONTROL KEYS
Your phone's keys perform the following functions in a Java application.
4-Way: Move up, down, left, or right in a game.
5: "Fire" your weapon in a game.
END: End the application.
SEND: Call a number in the application.
MENU: Open the Java applications menu.

ANALYZE OR DELETE A JAVA APPLICATION
Find the Feature:
Scroll menu path as follows--MENU, MY JAVA APPS.
1. Press 4-Way to scroll to the application.
2. Press MENU to open the application manager menu.
3. Press 4-way to scroll to a menu option.
4. Press Right soft key (SELECT) to select the option to perform procedures as described in the following list. ###174
The application manager menu includes the following options:
View Details: Display the suite name, vendor, version, number of apps, flash usage, and memory requirements.
Delete: Delete the suite.

VIEW JAVA VERSION AND AVAILABLE MEMORY
To display Java version information, or the amount of phone memory available for Java applications:
Find the Feature:
Scroll menu path as follows--MENU, JAVA TOOLS: JAVA SYSTEM.
1. Press 4-Way to scroll through information as described in the following list.
2. Press Right soft key (OK) to close the display. ###175
CLDC Version: The connected limited device configuration version on your phone.
MIDP Version: The mobile information device profile version on your phone.
Data Space: Free memory available for application data (such as game scores or application settings).
Program Space: Free memory available for Java applications.
Heap Size: Amount of runtime memory available for Java applications.

SIM APPLICATIONS

OPTIONAL FEATURE:
Your SIM card may contain applications that process your outgoing calls, text messages, and other events. Contact your service provider for more information.
Find the Feature:
Scroll menu path as follows--MENU, SIM APPLICATIONS.

PICTURE VIEWER
OPTIONAL FEATURE:
NOTE: ALL COMPONENTS OF THIS FEATURE ARE DISPLAY DEPENDENT.
Your phone may contain a variety of predefined pictures and animations. You can download additional pictures and animations and store them on your phone. You can insert pictures and animations into text messages, and use them as wallpaper and screen saver images. ###176
DOWNLOAD PICTURES
To download a picture or animation from the micro-browser, see page 167. To download a picture or animation from a text message, see page 72.

Manage Pictures:
Find the Feature:
Scroll menu path as follows--MENU, PICTURE VIEWER.
1. Press 4-Way to scroll to the picture.
2. Press Right soft key (SELECT) to view the picture.
3. Press 4-way left or right to display the previous/next picture,
OR,
Press right soft key (DETAILS) to display picture information,
OR,
Press MENU to open the *Picture Viewer* menu to perform other procedures as described in the following list:

The Picture Viewer menu includes the following options:
Details: Display picture information.
Set as Wallpaper: Set the picture as your phone's wallpaper image.
Set as Screen Saver: Set the picture as your phone's screen saver image.
Rename: Rename the picture.
Delete: Delete the picture. ###177
To adjust your phone's wallpaper and screen saver images, see page 108 and page 109.

GAMES
NOTE: ALL COMPONENTS OF THIS FEATURE ARE DISPLAY DEPENDENT.
You can play games on your phone between phone calls. An incoming call, message, alarm, or alert automatically ends the game.

PLAY A GAME
Find the Feature:

Scroll menu path as follows--MENU, GAMES.
1. Press 4-Way to scroll to a game.
2. Press Right soft key (SELECT) to start the game.

When the game is over:
Press Right soft key (NEW) or (YES) to start another session of the same game.
Press LEFT soft key (BACK) or (NO) to end the game session.
###178
BLACKJACK
In this classic card game, you play against the dealer to see who can get closer to 21 points without going over.

Rules of the Game:
--You start a new game with 100 credits. You must bet from 1-10 credits for each hand you play.
--Press Right soft key (DEAL) to start a new hand.
--The first card is dealt to the dealer. The dealer's cards are shown at the top of the display, and your cards are shown at the bottom.
--Face cards count as 10 points. Number cards count as the points shown on their face.
--An ace counts as 11 points, unless that would put you over 21 points. Otherwise, an ace is counted as 1 point. An ace that is originally counted as 11 may later be counted as 1 if it will bring your total under or equal to 21 points.
--An initial deal of an ace and a card with a face value of 10 points counts as exactly 21 points or Blackjack.
--Blackjack automatically wins against any other hand that totals 21 points.
--If you score more than 21 points, you go "bust" or lose.
--If you get five cards without going bust, you win.
--If you and the dealer have the same score, the dealer wins.
###179
--You can ask for a "hit" or another card as long as you do not go bust.
--As long as the dealer's total is less than 17 points, the dealer must continue to take a hit.

How to Play:
When the game begins, you are dealt two cards. Based on their total face value, you can:
Press LEFT soft key (STAY) to display the results of the hand.
Press Right soft key (HIT ME) to request another card

FALLING NUMBERS
Score points by pressing the corresponding number key for numbers as they "fall" down the display.

Rules of the Game:
--If a number reaches the bottom of the display or if you press an incorrect number key, you score one miss.
--The game is over when you score three misses.

--The game has five levels. When you complete a level, play continues automatically at the next level.
--You earn a bonus if you finish a level without a miss.

How to Play:
When the game begins, numbers start falling from the upper portion of the display. Press the corresponding number key to eliminate a falling number before it reaches the bottom of the display. ###180
Press MENU to select the following options:
Game Sounds: Switch game sounds on/off.
New Game: Start a new game.
Level: Choose the starting level of play.
Top Scores: Display the top five scores.
Help: Review the goal of the game.

MINDBLASTER
Guess a secret four-symbol code. You play by entering symbols into four spaces and then submitting a guess.

Rules of the Game:
--Your score is the number of guesses it takes to reveal the secret code.
--When you submit a guess, you are given clues that indicate how many symbols you have identified correctly, and how many are in the correct position. The position of the clues does *not* correspond to the location of the symbols.
shaded icon: correct symbol in correct position
1/2-shaded icon: correct symbol in wrong position
--You can display a history of your last 10 guesses.
--Once you enter a symbol into a blank space, you can change the symbol but you cannot make the space blank again. ###181
--When you correctly guess the four-symbol code, the display shows your score and the level of your next game.
--After you win one game, you progress from level 1 to level 2. After you win two more games, you progress from level 2 to level 3.
--When you exit the game or turn off the phone, you begin again at level 1.

How to Play:
When the game begins, four blank spaces will be displayed. To play the game:
Press Star or Pound key to move from space to space.
Press 4-Way to place a symbol in a space.
Press Right soft key (GUESS) to submit a guess (when all four spaces contain symbols).
Select diamond icon and then press 4-Way to scroll through a history of your last 10 guesses.

PADDLEBALL
Move your paddle to strike a bouncing ball. The paddle gets smaller and the ball goes faster as your score increases.

Rules of the Game:
--Your score is the number of times your paddle hits the
ball.
--The game is over when the paddle misses the ball. ###182
How to Play:
Press 4-Way to move your paddle so that it hits the bouncing
ball.

REVERSI
Compete against the phone to place more disks of your color
(black or white) on the 64-square playing area.

Rules of the Game:
--Black plays first, and players alternate turns.
--Place a disk of your color on an empty square adjacent to
an opponent's disk so that at least one of the opponent's disks is
between two of your disks. The opponent's disk(s) flip to become
your color.
--If you cannot make a legal move, the game displays *No move*
and you lose your turn.
--The game ends when neither player can make a valid move.

How to Play:
1. Select a square as follows:
Press 4-key or 4-Way to move left.
Press 6-key or 4-Way to move right.
Press 2-key or 4-Way UP to move up
Press 8-key or 4-Way Down to move down
Press 1-key to move upper-left
Press 3-key to move upper-right
Press 7-key to move lower-left
Press 9-key to move lower-right ###183
2. Press Right soft key (PLACE) to place one of your colored
disks in the highlighted square.
Press MENU to select the following options:
Undo: Take back your last move.
Game Sounds: Switch game sounds on/off.
New Game: Start a new game.
Auto-Assign Color: Select *Yes* to assign colors automatically
at the start of each game.
Help: Review the goal of the game.

VIDEO POKER
Turn 100 credits into 9,999-plus credits by making the best
possible poker hands.

Rules of the Game:
--You start a new game with 100 credits. You must bet from
1-10 credits for each hand you play. ###184
--You are dealt five cards face up, and have one opportunity
to trade in cards (zero to five) for new ones.
--A winning hand earns credits as listed in the Awards Table.

--Your credit total is saved when you exit the game. The next time you play, you start with the number of credits that remain from the previous session.
--The game is over when you lose all of your credits.

How to Play:
Place your initial bet or change your bet (from 1-10 credits) and then:
Press Right soft key (DEAL) to start a new hand
Press 4-key select the card to the left
Press 6-key select the card to the right
Press 5-key or LEFT soft key (DISCARD) to discard selected card
Press 5-key or LEFT soft key (UNDO) to undo discard (replaces previous option after you discard)
Press Right soft key (DONE) to remove discarded cards and deal replacements.
Press MENU to select the following options: ###185
Change Bet: Change bet amount (not available while hand is in play).
Game Sounds: Switch game sounds on/off. New Game Start a new game.
Choose Deck: Choose the deck image.
Awards Table: Display the list of odds/payouts for each winning hand.
Help: Review the goal of the game.

RADIO
OPTIONAL ACCESSORY:
You can use your phone to listen to FM radio stations when the optional Motorola Original (tm) FM Stereo Radio Headset accessory is plugged into the phone's accessory connector port.

TURN THE RADIO ON AND OFF
Press Right soft key (Radio) to turn the radio on and off.

Alternatively, you can use the following DISPLAY DEPENDENT * procedure:
* Menu scrolling involved.
1. Press MENU to open the menu.
2. Press 4-Way to scroll to *Radio*.
3. Press Right soft key (On) or (Off) to turn the radio on or off. ###186
NOTE: The *Radio* menu feature and soft key options appear only when the FM Stereo Radio Headset is plugged into the accessory connector port.

TUNE A STATION
Press 4-Way to scroll to the next frequency,
OR,
Press and hold 4-Way to scroll to the next available stereo station.

STORE A PRESET
Press and hold a number key (1 to 9) to assign its preset number to the tuned station.

SELECT A PRESET
Press a number key (1 to 9) to tune the station stored at the preset location.

SEND AND RECEIVE CALLS WITH THE RADIO ON
Your phone rings or vibrates as usual to notify you of an incoming call, message, or other event. ###187
To answer the call:
Press LEFT soft key (IGNORE) to ignore the call.
Press Right soft key (ANSWER) to
OR,
Press the button on the FM Stereo Radio Headset microphone.
NOTE: You can use the FM Stereo Radio Headset microphone to converse with the other party during a call.

To end the call and resume the FM broadcast:
Press END,
OR,
Press and hold the button on the FM Stereo Radio Headset microphone.

Turn the radio off before dialing outgoing calls from the phone keypad. You do not have to turn off the radio to dial emergency numbers, or numbers selected from your phonebook or recent call lists.
TIP: To dial a recently called number, press N or the button on the FM Stereo Radio Headset microphone to go to the dialed calls list. For more information, see page 51.

Check these questions first if you have problems with your phone. If you need additional help, contact the Motorola Customer Call Center at 1-800-331-6456 (United States) or 1-800-461-4575 (Canada).

Is your battery charged? Is the battery level indicator showing in the display?
The battery level indicator should have at least one segment showing. If it does not, recharge your battery. See page 20.

Do you have a valid SIM card inserted in your phone?
If necessary, turn off your phone and make sure that you have inserted a valid SIM card. See page 17.

Does the handset have a signal? Is the signal strength indicator showing in the display?
The signal strength indicator should have at least one segment showing. If it does not, move to an area with a stronger signal to use your phone.

Is the earpiece volume too low?
While on a call, press the upper volume key on the side of your phone. ###189
Is the phone set to the proper frequency band for your geographical region?
Phones in different regions of the world use different frequencies to establish a network connection. You may have to reset your phone's frequency to either 1900 MHz or 900/1800 MHz when you travel to a new location. See page 139.

Is the other party unable to hear you?
Your phone may be muted. Press Right soft key (UNMUTE) if necessary to unmute the phone.
Also, make sure that your phone's microphone is not blocked by its carrying case or a sticker.

Has the phone been damaged, dropped, or gotten wet?
Was a non-Motorola battery or battery charger used?
Dropping your phone, getting it wet, or using a non-Motorola battery or battery charger can damage the phone. The phone's limited warranty does not cover liquid damage or damage caused from using non-Motorola accessories. ###190
The following refer to specific problems:

My phone was stolen. To whom should I report this?
Report a stolen phone to the police and to your service provider (the company that sends you your monthly wireless service bill).

I forgot my password.
See page 144.

I pressed the power key, but nothing happened.

Be sure to press and hold P (the power key) until the display appears and you hear an alert. This could take several seconds. If nothing happens, check that a charged battery is installed. See page 18.

The display says: *Insert SIM Card* or *Check SIM Card* even though I have inserted my SIM card in the phone.
The SIM card may be incorrectly inserted. Check the SIM card to make sure that it is inserted properly. See page 17.

The display says: *SIM Blocked*. How do I unblock my SIM card?
Call your service provider (the company that sends you your monthly wireless service bill) to obtain the PIN unblocking key (PUK) code. See page 145. ###191
The display says: *Enter Unlock Code*. How do I unlock my phone?
Enter the factory-preset unlock code (1234), or the last four digits of your phone number. If this fails, call your service provider (the company that sends you your monthly wireless service bill).

My phone asks for an unlock code when I try to open a feature.
The application you want is locked. If you do not know the unlock code, see page 144.

My phone does not ring.
If an audible-alert icon * is not displayed in the display, then the ringer is turned off. See page 97.
* Consult original print manual for more information on icons.
Also, the ringer may be set to *Silent* even though your phone is set to an audible ring style. See page 98.

I tried to place a call and heard an alternating high/low tone.
Your call did not reach the wireless system. You may have dialed the number too soon after turning the phone on. Wait until the display shows the name of your service provider before making a call. ###192
I cannot send/receive calls.
Make sure that you have a phone signal (see the "Signal Strength Indicator" item on page 26). Avoid electrical or radio interference, and obstructions such as bridges, parking garages, or tall buildings.
Your phone also may have the "Call Barring" feature turned on. If you know the unlock code, you can change this setting in the security menu (MENU: Settings; Security).
Also, check to be sure your SIM card is installed and working.

My phone has poor reception and drops calls.
Make sure that your antenna is not bent or damaged.

Also, make sure you have a phone signal (see the "Signal Strength Indicator" item on page 26). Stay clear of any obstructions such as bridges, parking garages, or tall buildings.

I cannot hear others on my phone.

While on a call, press the upper volume key. Your phone display should show the volume increasing.

Also, make sure that your phone's earpiece is not blocked by its carrying case. ###193

I cannot open my text message inbox.

Before you can use text messages, you must set up the message inbox. See page 63.

How do I see the calls I sent or received?

To display the most recent calls you dialed or received:
Scroll the path as follows:
MENU, RECENT CALLS; RECEIVED CALLS
OR,
DIALED CALLS.

My phone will not send voicemail commands, passwords, or other codes.

Your phone sends PIN codes and passwords as DTMF tones. You can set your phone's DTMF tones to be *Long, Short*, or *Off*. If you have trouble sending numbers, try changing the DTMF setting. See page 117. ###194

My phone's display is too dark.

Use the *Contrast* feature to change the level of contrast in your display. See page 28.

You can also use the *Backlight* feature to change the length of time that your phone's display backlight stays on. See page 28.

My battery didn't last as long as I expected. What can I do to extend battery life?

Your battery's performance is affected by charge time, feature use, temperature changes, turning on the backlight, and other factors. For tips on extending your battery life, see page 23.

I am unable to record a voice note, voice name, or voice shortcut.

Try moving to a quieter location to make your voice recording. Hold the phone about four inches (10 centimeters) from your mouth, and speak directly into the phone in a normal tone of voice.

My TTY device doesn't work with my phone.

Your phone must be set to a TTY mode for the phone to detect your TTY device. See page 117. ###195

I plugged the data cable into my phone but my phone did not beep. How do I know if the data cable is ready to go?

The beep indicates that you are set up correctly. If you did not hear a beep, make sure that both ends of the data cable are

connected--the smaller end to your phone and the larger end to your computer.

Also, your computer may have deactivated the port to save power. Try opening an application that uses the port, like a fax or dial-up application, to automatically activate the port.

My phone beeped when I attached the data cable, but my data and fax applications don't work.

Some wireless networks may not support data or fax transmission. If you are roaming on an unfamiliar network, this may be the case.

Also, remember that data and fax transmission usually requires a subscription. Call your service provider for more information. ###196

When sending data with the data cable, why does the computer show a connection rate of 19200 Kbps?

19200 Kbps is the data transfer rate of the connection between your computer and the phone in a standard CSD (Circuit Switch Data) connection. The rate of the connection between your phone and the network is displayed on your phone, and will be either 14400 or 9600 Kbps.

NOTE: A GPRS connection may have a higher data transfer rate.

I can't end my data call by closing the application on my computer. What can I do?

Try pressing END on your phone. Also try disconnecting the cable or turning off the phone. If possible, always close the connection through your computer. These alternative methods may disrupt the application on your computer.

I launched the micro-browser but the display says: *Network Not Available*.

You may be in an area without service, or you may be connected to a network that does not support Internet access.

I launched the micro-browser but the display says: *Server Not Responding*.

Try again in a few minutes. The servers may be temporarily busy.

SPECIFIC ABSORPTION RATE DATA
The selected product Motorola 280i 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 U.S. Federal Communications Commission for the United States and by Health Canada for Canada. 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 Health Canada 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 antenna, 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 0.42 W/kg *2, and when worn on the body, as described in this user guide, is 1.23 W/kg. *2 (Body-worn measurements differ among phone models, depending upon available accessories and regulatory requirements). ###198 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.

The FCC and Industry Canada have granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as being in compliance with the FCC and Health Canada RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of:
http://www.fcc.gov/oet/fccid
after searching on FCC ID IHDT56AD1. You may also refer to Motorola's Web site:
http://www.motorola.com/rfhealth

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

(CTIA) Web site:
http://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. Additional related information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

ITC02-155

The U.S. Food and Drug Administration's Center for Devices and Radiological Health Consumer Update on Mobile Phones

FDA has been receiving inquiries about the safety of mobile phones, including cellular phones and PCS phones. The following summarizes what is known--and what remains unknown--about whether these products can pose a hazard to health, and what can be done to minimize any potential risk. This information may be used to respond to questions.

Why the concern?

Mobile phones emit low levels of radio frequency energy (i.e., radio frequency radiation) in the microwave range while being used. They also emit very low levels of radio frequency energy (RF), considered non-significant, when in the stand-by mode. It is well known that high levels of RF can produce biological damage through heating effects (this is how your microwave oven is able to cook food). However, it is not known whether, to what extent, or through what mechanism, lower levels of RF might cause adverse health effects as well. Although some research has been done to address these questions, no clear picture of the biological effects of this type of radiation has emerged to date. Thus, the available science does not allow us to conclude that mobile phones are absolutely safe, or that they are unsafe. However, the available scientific evidence does not demonstrate any adverse health effects associated with the use of mobile phones.

What kinds of phones are in question?

Questions have been raised about hand-held mobile phones, the kind that have a built-in antenna that is positioned close to the user's head during normal telephone conversation. These types of mobile phones are of concern because of the short distance between the phone's antenna--the primary source of the RF--and the person's head. ###200 The exposure to RF from mobile phones in which the antenna is located at greater distances from the user (on the outside of a car, for example) is drastically lower than that from hand-held phones, because a person's RF exposure decreases rapidly with distance from the source. The safety of so-called "cordless phones," which have a base unit connected to the telephone wiring in a house and which operate at far lower power levels and frequencies, has not been questioned.

How much evidence is there that hand-held mobile phones might be harmful?

Briefly, there is not enough evidence to know for sure, either way; however, research efforts are on-going. The existing scientific evidence is conflicting and many of the studies that have been done to date have suffered from flaws in their research methods. Animal experiments investigating the effects of RF exposures characteristic of mobile phones have yielded conflicting results. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in

laboratory animals. In one study, mice genetically altered to be predisposed to developing one type of cancer developed more than twice as many such cancers when they were exposed to RF energy compared to controls. There is much uncertainty among scientists about whether results obtained from animal studies apply to the use of mobile phones. First, it is uncertain how to apply the results obtained in rats and mice to humans. Second, many of the studies that showed increased tumor development used animals that had already been treated with cancer-causing chemicals, and other studies exposed the animals to the RF virtually continuously--up to 22 hours per day.

For the past five years in the United States, the mobile phone industry has supported research into the safety of mobile phones. This research has resulted in two findings in particular that merit additional study:

1. In a hospital-based, case-control study, researchers looked for an association between mobile phone use and either glioma (a type of brain cancer) or acoustic neuroma (a benign tumor of the nerve sheath). ###201 No statistically significant association was found between mobile phone use and acoustic neuroma. There was also no association between mobile phone use and gliomas when all types of types of gliomas were considered together. It should be noted that the average length of mobile phone exposure in this study was less than three years.

When 20 types of glioma were considered separately, however, an association was found between mobile phone use and one rare type of glioma, neuroepithelliomatous tumors. It is possible with multiple comparisons of the same sample that this association occurred by chance. Moreover, the risk did not increase with how often the mobile phone was used, or the length of the calls. In fact, the risk actually decreased with cumulative hours of mobile phone use. Most cancer causing agents increase risk with increased exposure. An ongoing study of brain cancers by the National Cancer Institute is expected to bear on the accuracy and repeatability of these results. *1

2. Researchers conducted a large battery of laboratory tests to assess the effects of exposure to mobile phone RF on genetic material. These included tests for several kinds of abnormalities, including mutations, chromosomal aberrations, DNA strand breaks, and structural changes in the genetic material of blood cells called lymphocytes. None of the tests showed any effect of the RF except for the micronucleus assay, which detects structural effects on the genetic material. The cells in this assay showed changes after exposure to simulated cell phone radiation, but only after 24 hours of exposure. It is possible that exposing the test cells to radiation for this long resulted in heating. Since this assay is known to be sensitive to heating, heat alone could have caused the abnormalities to occur. The data already in the literature on the response of the micronucleus assay to RF are conflicting. Thus, follow-up research is necessary. *2

FDA is currently working with government, industry, and academic groups to ensure the proper follow-up to these industry-funded research findings. Collaboration with the Cellular

Telecommunications Industry Association (CTIA) in particular is expected to lead to FDA providing research recommendations and scientific oversight of new CTIA funded research based on such recommendations. ###202

Two other studies of interest have been reported recently in the literature:

1. Two groups of 18 people were exposed to simulated mobile phone signals under laboratory conditions while they performed cognitive function tests. There were no changes in the subjects' ability to recall words, numbers, or pictures, or in their spatial memory, but they were able to make choices more quickly in one visual test when they were exposed to simulated mobile phone signals. This was the only change noted among more than 20 variables compared. *3

2. In a study of 209 brain tumor cases and 425 matched controls, there was no increased risk of brain tumors associated with mobile phone use. When tumors did exist in certain locations, however, they were more likely to be on the side of the head where the mobile phone was used.

Because this occurred in only a small number of cases, the increased likelihood was too small to be statistically significant. *4

In summary, we do not have enough information at this point to assure the public that there are, or are not, any low incident health problems associated with use of mobile phones. FDA continues to work with all parties, including other federal agencies and industry, to assure that research is undertaken to provide the necessary answers to the outstanding questions about the safety of mobile phones.

What is known about cases of human cancer that have been reported in users of hand-held mobile phones?

Some people who have used mobile phones have been diagnosed with brain cancer. But it is important to understand that this type of cancer also occurs among people who have not used mobile phones. In fact, brain cancer occurs in the U.S. population at a rate of about 6 new cases per 100,000 people each year. ###203 At that rate, assuming 80 million users of mobile phones (a number increasing at a rate of about 1 million per month), about 4800 cases of brain cancer would be expected each year among those 80 million people, whether or not they used their phones. Thus it is not possible to tell whether any individual's cancer arose because of the phone, or whether it would have happened anyway. A key question is whether the risk of getting a particular form of cancer is greater among people who use mobile phones than among the rest of the population. One way to answer that question is to compare the usage of mobile phones among people with brain cancer with the use of mobile phones among appropriately matched people without brain cancer. This is called a case-control study. The current case-control study of brain cancers by the National Cancer Institute, as well as the follow-up research to be sponsored by industry, will begin to generate this type of information.

What is FDA's role concerning the safety of mobile phones?

Under the law, FDA does not review the safety of radiation emitting consumer products such as mobile phones before marketing, as it does with new drugs or medical devices. However, the agency has authority to take action if mobile phones are shown to emit radiation at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of mobile phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions at this time, FDA has urged the mobile phone industry to take a number of steps to assure public
safety. The agency has recommended that the industry:

--support needed research into possible biological effects of RF of the type emitted by mobile phones

--design mobile phones in a way that minimizes any RF exposure to the user that is not necessary for device function ###204

--cooperate in providing mobile phone users with the best possible information on what is known about possible effects of mobile phone use on human health

At the same time, FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of mobile phone safety to ensure a coordinated effort at the federal level. These agencies are:

--National Institute for Occupational Safety and Health
--Environmental Protection Agency
--Federal Communications Commission
--Occupational Health and Safety Administration
--National Telecommunications and Information Administration

The National Institutes of Health also participates in this group.

In the absence of conclusive information about any possible risk, what can concerned individuals do?

If there is a risk from these products--and at this point we do not know that there is--it is probably very small. But if people are concerned about avoiding even potential risks, there are simple steps they can take to do so. For example, time is a key factor in how much exposure a person receives. Those persons who spend long periods of time on their hand-held mobile phones could consider holding lengthy conversations on conventional phones and reserving the hand-held models for shorter conversations or for situations when other types of phones are not available.

People who must conduct extended conversations in their cars every day could switch to a type of mobile phone that places more distance between their bodies and the source of the RF, since the exposure level drops off dramatically with distance. For example, they could switch to:

--a mobile phone in which the antenna is located outside the vehicle ###205

--a hand-held phone with a built-in antenna connected to a different antenna mounted on the outside of the car or built into a separate package

--a headset with a remote antenna to a mobile phone carried at the waist

Again, the scientific data do not demonstrate that mobile phones are harmful. But if people are concerned about the radio frequency energy from these products, taking the simple precautions outlined above can reduce any possible risk.

Where can I find additional information?

For additional information, see the following Web sites:

Federal Communications Commission (FCC) RF Safety Program (select "Information on Human Exposure to RF Fields from Cellular and PCS Radio Transmitters"):
http://www.fcc.gov/oet/rfsafety

World Health Organization (WHO) International Commission on Non-Ionizing Radiation Protection (select Q's & A's):
http://www.who.int/emf

United Kingdom, National Radiological Protection Board:
http://www.nrpb.org.uk

Cellular Telecommunications Industry Association (CTIA):
http://www.wow-com.com

U.S. Food and Drug Administration (FDA) Center for Devices and Radiological Health:
http://www.fda.gov/cdrh/consumer/ ###206

*1. Muscat et al. Epidemiological Study of Cellular Telephone Use and Malignant Brain Tumors. In: State of the Science Symposium; 1999 June 20; Long Beach, California.

*2. Tice et al. Tests of mobile phone signals for activity in genotoxicity and other laboratory assays. In: Annual Meeting of the Environmental Mutagen Society; March 29, 1999, Washington, D.C.; and personal communication, unpublished results.

*3. Preece, AW, Iwi, G, Davies-Smith, A, Wesnes, K, Butler, S, Lim, E, and Varey, A. Effect of a 915-MHz simulated mobile phone signal on cognitive function in man. Int. J. Radiat. Biol., April 8, 1999.

*4. Hardell, L, Nasman, A, Pahlson, A, Hallquist, A and Mild, KH. Use of cellular telephones and the risk for brain tumors: a case-control study. Int. J. Oncol., 15: 113-116, 1999.

ITC00-010

     MOTOROLA   LIMITED   WARRANTY   FOR   PERSONAL   COMMUNICATION
PRODUCTS, ACCESSORIES AND SOFTWARE PURCHASED IN THE UNITED STATES
OR CANADA

What Does this Warranty Cover?
     Subject to the exclusions contained below, Motorola, Inc.
warrants its wireless telephones, pagers and consumer two-way
radios that operate via Family Radio Service or General Mobile
Radio   Service   ("Products"),   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
     NOTE: In the chart below, items are arranged as follows:
     --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 (tm) 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. ###208
     --*Consumer Two-Way Radio Accessories*.
     Ninety (90) days from the date of purchase by the first
consumer purchaser of the product.

     --*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 percent 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. ###209

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. ###210 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?

To obtain service or information, please call:

USA

Phones: 1-800-331-6456
Pagers: 1-800-548-9954
Two-Way Radios: 1-800-353-2729
TTY: 1-888-390-6456

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. ###211

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. ###212   PRODUCT REGISTRATION

Online Product Registration:
http://www.motorola.com/warranty

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.

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                   WIRELESS PHONE SAFETY TIPS
              "Safety is your most important call!"
     Your Motorola wireless telephone gives you the powerful
ability to communicate by voice--almost anywhere, anytime,
wherever wireless phone service is available and safe conditions
allow. But an important responsibility accompanies the benefits of
wireless phones, one that every user must uphold.
     When driving a car, driving is your first responsibility. If
you find it necessary to use your wireless phone while behind the
wheel of a car, practice good common sense and remember the
following tips:
     1. *Get to know your Motorola wireless phone 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.
###226   2. *When available, use a hands-free device.* If
possible, add an additional layer of convenience to your wireless
phone with one of the many Motorola Original (tm) hands-free
accessories available today.
     3. *Position your wireless phone within easy reach.* Be able to
access your wireless phone 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.
     4. *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.
     5. *If you receive an incoming call at an inconvenient time 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.
     6. *Dial sensibly and assess the traffic; if possible, place
calls when you are not moving or before pulling into traffic.* Try
to plan calls when your car will be stationary. If you need to
make a call while moving, dial only a few numbers, check the road
and your mirrors, then continue.
     7. *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 which have the potential to
divert your attention away from the road. ###227   8.   *Use   your
wireless phone to call for help.* Dial 9-1-1 or other local
emergency number in the case of fire, traffic accident or medical
emergencies. *
     * Wherever wireless phone service is available.
     9. *Use your wireless phone to help others in emergencies.* If
you see an auto accident, crime in progress or other serious
emergency where lives are in danger, call 9-1-1 or other local
emergency number, as you would want others to do for you. *
     * Wherever wireless phone service is available.
     10. 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. ###228 Check
the laws and regulations on the use of wireless telephones 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.

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    or visit the CTIA Web site at
    www.wow-com.com (tm)

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