

15 SETTING UP A SMARTLOCK™ ACCESS CODE

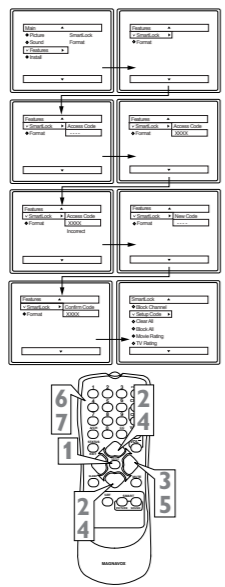
Over the next few panels you'll learn how to block channels and get a better understanding of the rating terms for certain programming.

First, let's start by learning how to set a personal access code:

- 1 Press the **MENU** button on the remote to show the on-screen menu.
- 2 Press the **CURSOR UP ▲** or **DOWN ▼** buttons until the word **FEATURES** is highlighted.
- 3 Press the **CURSOR RIGHT ►** button to display the **FEATURES** menu options.
- 4 Press the **CURSOR UP ▲** or **DOWN ▼** buttons until the words **SmartLock™** are highlighted.
- 5 Press the **CURSOR RIGHT ►** button. The screen will read, **ACCESS CODE - - - -**.
- 6 Using the **NUMBERED** buttons, enter 0, 7, 1, 1. "XXXX" appears on the Access Code screen as you press the numbered buttons. "INCORRECT CODE" will appear on the screen, and you will need to enter 0, 7, 1, 1 again.
- 7 The screen will ask you to enter a "New Code." Enter a "new" 4 digit code using the **NUMBERED** buttons. The screen will then ask you to **CONFIRM** the code you just entered. Enter your new code again. "XXXX" will appear when you enter your new code and then display the SmartLock™ menu options.

Proceed to the next panel to learn more...

Some models refer to SmartLock as AutoLock in the on-screen menu. These features are the same.



16 HOW TO BLOCK CHANNELS

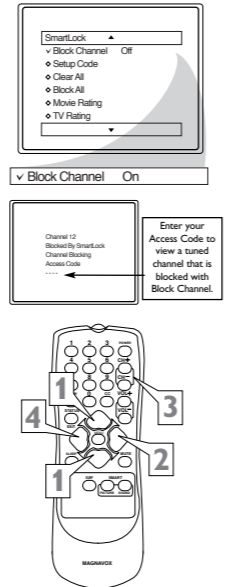
After your personal access code has been set (see previous page), you are now ready to select the channels or the A/V inputs you want to block out or censor. Once you've entered your access code and the SmartLock™ features are displayed on the screen:

- 1 Press the **CURSOR UP ▲** or **DOWN ▼** buttons until the words **BLOCK CHANNELS** are highlighted.
- 2 Press the **CURSOR RIGHT ►** button to turn blocking **ON** or **OFF** for that channel. When **ON** is selected the channel will be blocked.
- 3 Press the **CH +** or **CH -** button to select other channels you wish to block. Repeat step 2 to block the new channel.

When finished, press the **STATUS/EXIT** button to remove the menu from the screen.

NOTE: If you ever forget your code, the 0, 7, 1, 1 code is the factory default and can be used to enter and create a new access code.

Some models refer to SmartLock as AutoLock in the on-screen menu. These features are the same.



17 BLOCKING OR CLEARING ALL CHANNELS AT THE SAME TIME

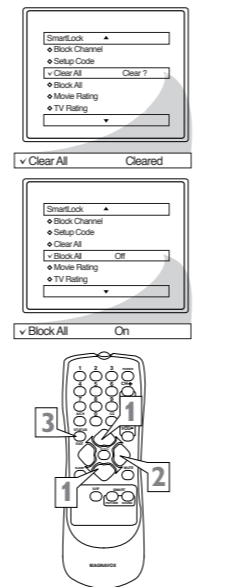
After blocking specific channels there may come a time when you want to block or clear all the channels at the same time.

Once you've entered your access code and the SmartLock™ features are displayed on the screen:

- 1 Press the **CURSOR UP ▲** or **DOWN ▼** buttons to select either **CLEAR ALL** or **BLOCK ALL**.
- 2 If **CLEAR ALL** is selected, press the **CURSOR RIGHT ►** button to clear all blocked channels. All channels will be viewable. If **BLOCK ALL** is selected, press the **CURSOR RIGHT ►** button to turn the control **ON** or **OFF**. When **ON** is selected, ALL available channels will be blocked from viewing.
- 3 When finished, press the **STATUS/EXIT** button to remove the menu from the screen.

NOTE: If you ever forget your code, the 0, 7, 1, 1 code is the factory default and can be used to enter and create a new access code.

Some models refer to SmartLock as AutoLock in the on-screen menu. These features are the same.



18 BLOCKING PROGRAMS BASED ON MOVIE RATINGS

The SmartLock™ feature can block programming based on the Movie Industry ratings.

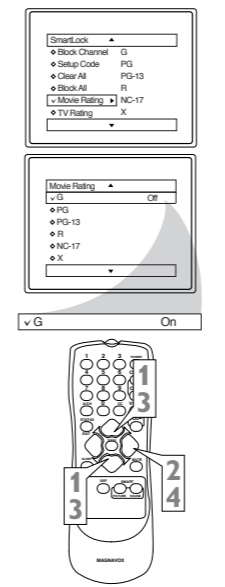
Once you've entered your access code and the SmartLock™ features are displayed on the screen:

- 1 Press the **CURSOR UP ▲** or **DOWN ▼** buttons to highlight the words **MOVIE RATING**.
- 2 Press the **CURSOR RIGHT ►** button to display the **MOVIE RATING** options (G, PG, PG-13, R, NC-17, or X).
- 3 Press the **CURSOR UP ▲** or **DOWN ▼** buttons to highlight any of the Movie Rating options. When highlighted, all these options can be turned **ON** (which will allow blocking) or **OFF** (which will allow viewing).
- 4 Use the **CURSOR RIGHT ►** button on the remote to turn the rating option **ON** or **OFF**.

When a rating level is chosen to be blocked, any higher level rating will also be blocked from viewing. (i.e.: If "R" is selected to be blocked, NC-17 and X will automatically be blocked.)

NOTE: If you ever forget your code, the 0, 7, 1, 1 code is the factory default and can be used to enter and create a new access code.

Some models refer to SmartLock as AutoLock in the on-screen menu. These features are the same.



19 BLOCKING PROGRAMS BASED ON TV RATINGS

The SmartLock™ feature can block programming based on the TV Industry ratings.

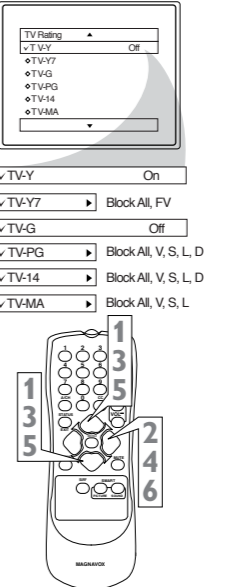
Once you've entered your access code and the SmartLock™ features are displayed on the screen:

- 1 Press the **CURSOR UP ▲** or **DOWN ▼** buttons to highlight the words **TV RATING**.
- 2 Press the **CURSOR RIGHT ►** button to display the **TV RATING** options (TV-Y, TV-Y7, TV-G, TV-PG, TV-14, or TV-MA).
- 3 Press the **CURSOR UP ▲** or **DOWN ▼** buttons to highlight any of the TV Rating options. When highlighted, all these options can be turned **ON** (which will allow blocking) or **OFF** (which will allow viewing).
- 4 Press the **CURSOR RIGHT ►** button on the remote to turn the TV-Y or TV-G rating **ON** or **OFF**. Or, press the **CURSOR RIGHT ►** button to enter the sub-menu for the TV-Y7, TV-PG, TV-14 or TV-MA ratings.
- 5 If the TV-Y7, TV-PG, TV-14 or TV-MA sub-menu is accessed, press the **CURSOR UP ▲** or **DOWN ▼** buttons to select one of the options (Block All, V, S, L, D, or FV).
- 6 Press the **CURSOR RIGHT ►** button on the remote to turn the option **ON** or **OFF**.

NOTE: Some TV RATING options also have sub-ratings. The ratings of TV-Y7, TV-PG, TV-14, TV-MA can be customized to block V (violence), L (coarse language), or D (suggestive dialogue).

NOTE: If you ever forget your code, the 0, 7, 1, 1 code is the factory default and can be used to enter and create a new access code.

Some models refer to SmartLock as AutoLock in the on-screen menu. These features are the same.



20 OTHER SMARTLOCK™ BLOCKING OPTIONS

SmartLock™ offers the viewer other blocking features as well. With these Blocking Options, the censoring can be turned **ON** or **OFF**.

Once you've entered your access code and the SmartLock™ features are displayed on the screen:

- 1 Press the **CURSOR UP ▲** or **DOWN ▼** buttons until the words **BLOCKING OPTIONS** are highlighted.
- 2 Press the **CURSOR RIGHT ►** button to display the **Blocking Options (BLOCKING, UNRATED, or NO RATING)** menu.

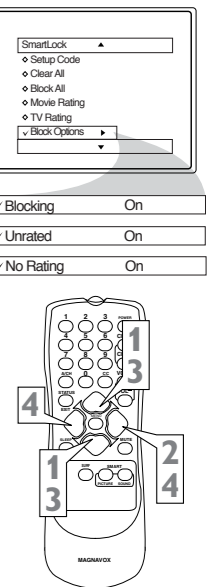
BLOCKING: Might be called the "master switch" for SmartLock™. When **ON**, ALL blocking/censoring will take place. When **OFF**, ALL blocking is disabled.

UNRATED: All unrated programs based on the Movie Ratings or Parental (TV) Guidelines can be blocked if this feature is set to **ON** and the **BLOCKING** feature is set to **OFF**.

NO RATING: ALL programming with NO content advisory data can be blocked if set to **ON** and the **BLOCKING** feature is set to **OFF**.

- 3 Press the **CURSOR UP ▲** or **DOWN ▼** buttons to highlight the desired feature.
- 4 When highlighted, each feature can be turned **ON** or **OFF** using the **CURSOR RIGHT ►** or **LEFT ◀** buttons on the remote.

Some models refer to SmartLock as AutoLock in the on-screen menu. These features are the same.



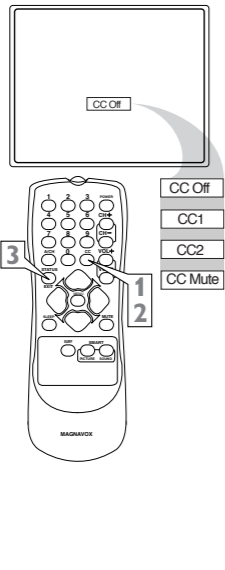
21 HOW TO USE THE CLOSED CAPTION CONTROLS

Closed Captioning (CC) allows you to read the voice content of television programs on the TV screen. Designed to help the hearing impaired, this feature uses on-screen "text boxes" to show dialogue and conversations while the TV program is in progress.

- 1 Press the **CC** button on the remote to display the current Closed Caption setting.
- 2 Press the **CC** button repeatedly to choose from the four Closed Caption options (CC Off, CC1, CC2, or CC Mute). CC Mute will activate Closed Captioning when the MUTE button is pressed.
- 3 When finished, press the **STATUS/EXIT** button to remove the menu from the TV's screen.

HELPFUL HINT

Not all TV programs and product commercials are made with Closed Caption (CC) information included. Neither are all Closed Caption modes (CC1, or CC2) necessarily being used during the transmission of a closed caption program. Refer to your area's TV program listings for the stations and times of Closed Caption shows.



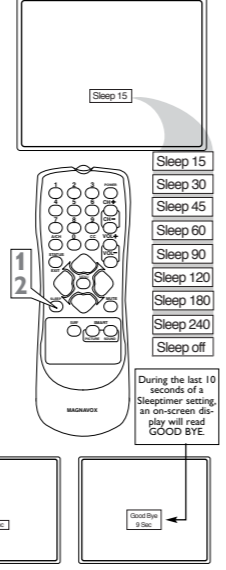
22 SETTING THE SLEEP TIMER CONTROL

Your TV can be set to automatically turn itself off at a given amount of time.

- 1 Press the **SLEEP** button on the remote control and the SLEEP timer display will appear on the screen.
- 2 Press the **SLEEP** button repeatedly to pick the amount of time (15, 30, 45, 60, 90, 120, 180, or 240 minutes) before the TV will turn itself off.

NOTE: An on-screen count down will appear during the last minute before the TV shuts itself off. If any button is pressed during the last minute of the countdown, the Sleep timer setting will be cancelled.

During the last minute of a Sleep timer setting, an on-screen count down will be displayed. Pressing any button during the last minute will cancel the Sleep timer.

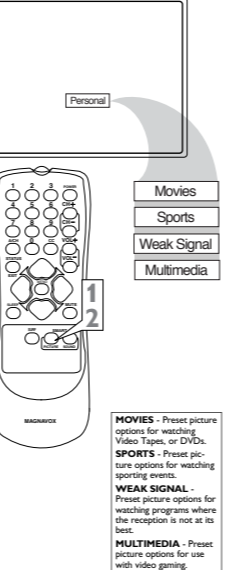


23 USING THE SMARTPICTURE™ CONTROL

Whether you're watching a movie or a sporting event, your TV has automatic video control settings matched for your current program source or content.

- 1 Press the **SMART PICTURE** button on the remote control. The current Smart Picture setting will be displayed on the screen.
- 2 Press the **SMART PICTURE** button repeatedly to select either **PERSONAL**, **MOVIES**, **SPORTS**, **WEAK SIGNAL**, or **MULTIMEDIA** picture settings.

NOTE: The way you choose to set the Picture Menu Controls will become your **PERSONAL** setting.



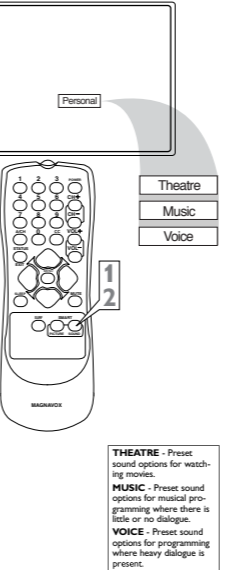
MOVIES - Present picture options for watching Video Tapes, or DVDs.
SPORTS - Present picture options for watching sporting events.
WEAK SIGNAL - Present picture options for watching programs where the reception is not at its best.
MULTIMEDIA - Present picture options for use with video gaming.

24 USING THE SMARTSOUND™ CONTROL (20MS233S ONLY)

The Smart Sound feature allows the listener to select between different factory set sound options.

- 1 Press the **SMART SOUND** button on the remote control. The current Smart Sound setting will appear in the middle of the screen.
- 2 Press the **SMART SOUND** button repeatedly to toggle between the four settings: **PERSONAL**, **VOICE**, **MUSIC**, or **THEATRE**.

NOTE: The way you choose to set the Sound Menu Controls will become your **PERSONAL** setting.

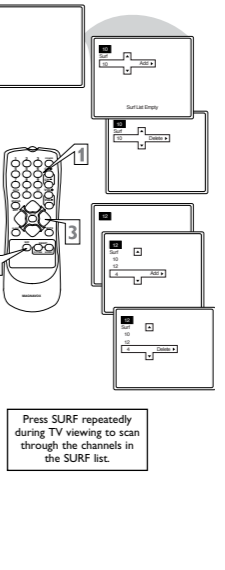


THEATRE - Present sound options for watching movies.
MUSIC - Present sound options for musical programming where there is little or no dialogue.
VOICE - Present sound options for programming where heavy dialogue is present.

25 USING THE SMARTSURF™ CONTROL

SmartSurf lets you set up to eight channels in a quick viewing list. Then, you can use the SURF button on the remote control to switch between different TV programs that currently interest you.

- 1 Press **CH +** or **-** or the Number buttons to select a channel to add to the SURF list.
- 2 Press **SURF** while the channel number appears.
- 3 Press **+** or **-** to add the channel to the **SURF** list or delete it from the list. An on-screen message will indicate whether you are adding or deleting the channel. Repeat steps 1 through 3 to add additional channels (up to eight) to the SURF list.



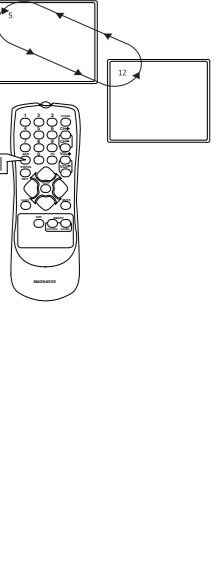
Press SURF repeatedly during TV viewing to scan through the channels in the SURF list.

26 ALTERNATE CHANNEL

Your remote control has an Alternate Channel button that allows you to toggle between the current and previous channel. For instance, if you are watching two games on TV, you can enter the channel numbers once and flip between the two channels with the touch of only one button.

After entering the two channel numbers, so that one is the last viewed channel and the other is the current channel, follow the step below.

- 1 Press the **A/CH** button on the remote control. The channels will toggle between the current channel and the last viewed channel.



27 TROUBLESHOOTING

No Power

- Check the TV power cord. Unplug the TV, wait 10 seconds, then reinsert the plug into the outlet and push the **POWER** button again.
- Check that the outlet is not on a wall switch.
- Be sure the fuse is not blown on the AC power strip, if one is being used.

No Picture

- Check antenna connections. Are they properly secured to the TV's ANT 75Ω plug?
- Check the **TUNER MODE** control for the correct tuner setting.
- Try running the **Auto Program** feature to find all available channels.
- Press the **CH+** or **CH-** buttons on the remote to make sure the correct signal source is selected (**FRONT** or **Current Channel**).

No Sound

- For model 13MT1533, connect up the headphone before checking.
- Check the **VOLUME** buttons.
- Check the **MUTE** button on the remote control.
- If you're attempting to hook up auxiliary equipment, check the audio jack connections located on the front of the TV.

Remote Does Not Work

- Check the batteries. If necessary, replace them with 2 AA Heavy Duty (Zinc Chloride) or Alkaline batteries.
- Clean the remote control and the remote control sensor window on the TV.
- Check the TV power cord. Unplug the TV, wait 10 seconds, then reinsert the plug into the outlet and push the **POWER** button again.
- Be sure the fuse is not blown on the AC power strip, if one is being used.
- Check to be sure the TV outlet is not on a wall switch.

TV Displays Wrong Channel or No Channels Above 13

- Repeat channel selection.
- Add the desired channel numbers (using the **CHANNEL EDIT** control) into the TV's memory.
- Check to be sure the **TUNER MODES** are set to the **CABLE** option and run the **Auto Program** feature to find all available channels.

28 CARE AND CLEANING

WARNING Concerning Stationary Images on the TV Screen:

Do not leave stationary or letterbox images on screen for extended periods of time. This can cause uneven picture-tube aging.

Normal use of the TV should involve the showing of pictures that contain constantly moving and changing images that fill the screen. Be careful not to leave nonmoving images on screen for extended periods of time, or to display the same images on screen too frequently, because subtle ghost images can be left on the picture tubes. Sources of stationary images may be DVD disks, laser disks, video games, CD-i disks, videotapes, digital television boxes, broadcast channels, cable channels, satellite channels, and others. Here are some examples of stationary images (this is not an all-inclusive list; you may encounter other types in your viewing):

- **DVD menus**—listings of DVD disk content
- **Letterbox black bars**—shown at the top and bottom of the TV screen when a wide screen (16:9) image is viewed on a TV with standard (4:3) aspect ratio.
- **Video-game images and scoreboards**
- **Television station logos**—present a problem if they are bright and stationary; moving or low-contrast graphics are less likely to cause uneven aging of the picture tube
- **Stock-market tickers**—presented at the bottom of the TV screen
- **Shopping channel logos and pricing displays**—bright and shown constantly or repeatedly in the same location on the TV screen.

PLACEMENT OF THE TV

- To avoid cabinet warping, cabinet color changes, and increased chance of set failure, do not place the TV where temperatures can become excessively hot; for example, in direct sunlight or near a heating appliance.
- Be sure to allow a free flow of air to and from the perforated back cover of the set.

CLEANING

- To avoid possible shock hazard, be sure the TV is unplugged from the electrical outlet before cleaning.
- Regularly dust the TV with a dry, non-scratching duster to keep the TV clean.
- When cleaning the TV, take care not to scratch or damage the screen surface. Avoid wearing jewelry or using anything abrasive. Do not use household cleaners. Wipe the front screen with a clean cloth dampened with water. Use even, easy, vertical strokes when cleaning.
- Gently wipe the cabinet surfaces with a clean cloth or sponge dampened in a solution of cool, clear water and a mild soap or detergent. Use a clean, dry cloth to dry the wiped surfaces.
- Occasionally vacuum the ventilation holes or slots in the back cover of the set.
- Never use thinners, insecticide sprays, or other chemicals on or near the cabinet, as they might cause permanent marring of the cabinet finish.

29 GLOSSARY

Auto Programming

The procedure of adding or deleting channel numbers into the Television's memory circuits. In this format the Television "remembers" only the locally available or desired channel numbers and skips over any unwanted channel numbers.

Coaxial Cable • A single solid antenna wire normally matched with a metal plug (F-type) and connector that screws (or pushes) directly onto a 75 Ohm input found on the Television or VCR.

Closed Caption • Broadcast standard which allows you to read the voice content of television programs on the TV screen. Designed to help the hearing impaired this feature uses on-screen "text boxes" to show dialogue and conversations while the TV program is in progress.

Side Audio/Video Inputs • Located on the side of the TV these connectors (phono type plug) are used for the input of audio and video signals. Designed for easy use with VCRs or cameras.

On Screen Displays (OSD) • Refers to the wording or messages generated by the television (or VCR) to help the user with specific feature controls (color adjustment, programming, etc.).

Menu • An on-screen listing of feature controls shown on the Television screen that are made available for user adjustments.

Remote Sensor Window

A window or opening found on the Television control panel through which infrared remote control command signals are received.

Status/Exit • Allows the user to quickly confirm what channel number is currently being viewed. Status can also be used to clear the Television of on screen displays or information (rather than waiting for the displays to "time out" or automatically disappear from the screen).

Surf • The action of scanning specific channel in a limited channel list.

Twin Lead Wire • The more commonly used name for the two strand 300 Ohm antenna wire used with many indoor and outdoor antenna systems. In many cases this type of antenna wire requires an additional adapter (or balun) in order to connect to the 75 Ohm Input terminals designed into the more recent Televisions and VCRs.

Tuner Mode • Feature control settings made by the TV. Designed for first time set up and use. Settings for signal connections (antenna or cable TV), plus channel memory (even if the set is unplugged and moved to a new location.)

30 MAGNAVOX LIMITED WARRANTY

Ninety (90) Days Labor & One (1) Year Parts & One (1) Year Display

(excludes headphone, antenna and other accessories that might come with the TV)

MAGNAVOX warrants this product against defect in material or workmanship, subject to any conditions set forth as follows:

PROOF OF PURCHASE: You must have proof of the date of purchase to receive warranted repair on this product. A sales receipt or other document showing the product and the date that you purchased the product as well as the authorized retailer included, is considered such proof.

COVERAGE: (If this product is determined to be defective) **LABOR:** For a period of ninety (90) days from the date of purchase, Magnavox will repair or replace the product, at its option, at no charge, or pay the labor charges to any Magnavox authorized service center. After the period of ninety (90) days, Magnavox will no longer be responsible for charges incurred.

PARTS: For a period of one (1) year, Magnavox will supply at no charge, new or rebuilt replacement parts in exchange for defective parts. Magnavox authorized service centers will provide removal and installation of the parts under the specified labor warranty.

REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY FOR THE CONSUMER. MAGNAVOX SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT, EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.

Your warranty does not cover:
• Labor charges for installation or setup of the product, adjustment of customer controls on the product, and installation or repair of antenna systems outside of the product.
• Product repair and/or part replacement because of improper installation, connections to improper voltage supply, abuse, neglect, misuse, accident, unauthorized repair or other cause not within the control of Magnavox.

TO OBTAIN WARRANTY SERVICE IN THE U.S.A., PUERTO RICO, OR U.S. VIRGIN ISLANDS...

Contact Magnavox Customer Care Center at 1-800-705-2000

TO OBTAIN WARRANTY SERVICE IN CANADA...

1-800-661-6162 (French Speaking)
1-800-705-2000 (English/Spanish Speaking)

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