

SECTION 9A

AUDIO SYSTEMS

CAUTION: This vehicle is equipped with Supplemental Inflatable Restraint (SIR). Refer to CAUTIONS in Section 9J under "ON-VEHICLE SERVICE" and the SIR Component and Wiring Location view in Section 9J before performing service on or around SIR components or wiring. Failure to follow CAUTIONS could result in possible air bag deployment, personal injury or otherwise unneeded SIR system repairs.

NOTICE: When fasteners are removed, always reinstall them at the same location from which they were removed. If a fastener needs to be replaced, use the correct part number fastener for that application. If the correct part number fastener is not available, a fastener of equal size and strength (or stronger) may be used. Fasteners that are not reused, and those requiring thread locking compound will be called out. The correct torque value must be used when installing fasteners that require it. If the above conditions are not followed, parts or system damage could result.

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GENERAL DESCRIPTION

All radio assemblies have electronic memory for preselected station function.

SPEAKER SYSTEMS

Base Audio System (UQ0)

There are two front speaker assemblies, one in each front side door, and two rear speaker assemblies mounted in the rear panel. These speaker locations allow for a full, high fidelity sound.

Standard radio front side door speaker assemblies are 6 inches round and 4 ohms. Radio rear speaker assemblies are 6 inches round and 10 ohms.

High performance extended range speaker assemblies are standard with full electronically tuned receiver (ETR) system.

Chevrolet convertibles are equipped with (U62) sound systems which include two door coax speakers and two "B" pillar coax speakers.

Delco®-GM/Bose® Music Systems

Chevrolet

The speaker system for the Delco®-GM/Bose® Music Systems (UU8 and U1T) includes three speaker assemblies. There are two front speaker assemblies, one in each front side door, and one rear speaker assembly, mounted in the left rear cargo compartment trim. The Bose® amplifier is part of the rear speaker assembly.

Optional Audio System

Pontiac

The premium speaker system is available on the UT6 and UP3 radio assemblies. It consists of four front speaker assemblies, two in each front side door, and six rear speaker assemblies, two mounted in the rear sail panel, and four mounted in the rear compartment trim panel assembly. The amplifier is located under the right rear armrest assembly.

Pontiac convertibles are equipped with (U62-base) sound system which includes two door coax speakers and two "B" pillar coax speakers. Pontiac convertibles also can be equipped with (UW6-uplevel), a sound system which includes two door high-sensitivity speakers, two door dome tweeters and two "B" pillar coax speakers.

RADIO FIXED ANTENNA ASSEMBLY

The fixed antenna assembly is designed to provide good radio omni-directional reception in moderate fringe areas.

RADIO ASSEMBLIES

All 2000 (Chevrolet) and 2001 (Pontiac) series radio assemblies feature ETR tuning, vacuum fluorescent display, AM-FM stereo, seek and scan tuning, and digital clock display. Eight radio assemblies are available.

Chevrolet

Figures 1 through 4

- AM/FM Stereo/Cassette (UN6) with dynamic noise reduction and Automatic Program Search.
- Delco®-GM/Bose® Music System with Cassette Tape Player (UU8), dynamic noise reduction and Automatic Program Search.
- Delco®-GM/Bose® Music System with Compact Disc Player (U1T) and Delco®-Loc II.
- AM/FM Stereo/Compact Disc (U1C) with scan and directional seek and Delco®-Loc II (convertible).

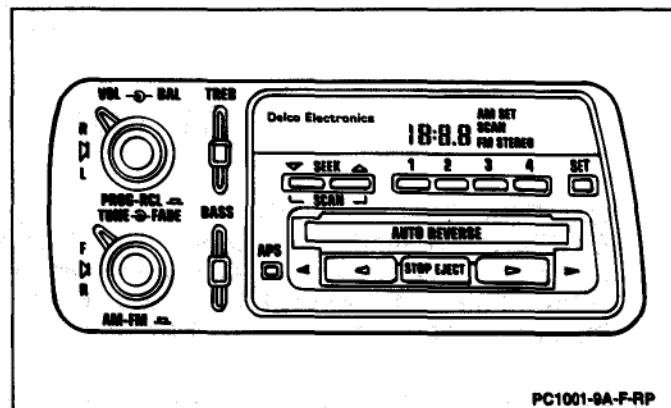


Figure 1 – UN6 Radio – (Chevrolet)

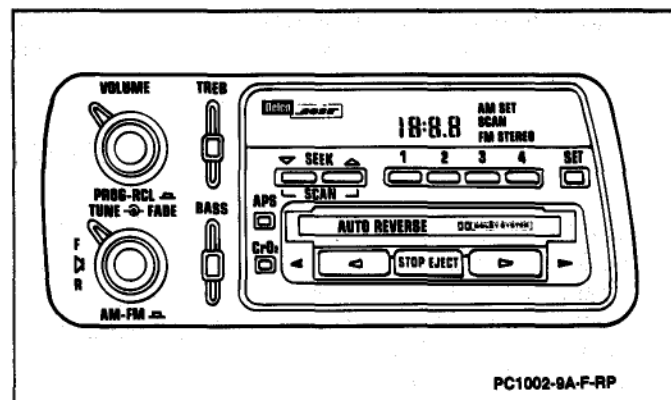


Figure 2 – UU8 Radio – (Chevrolet)

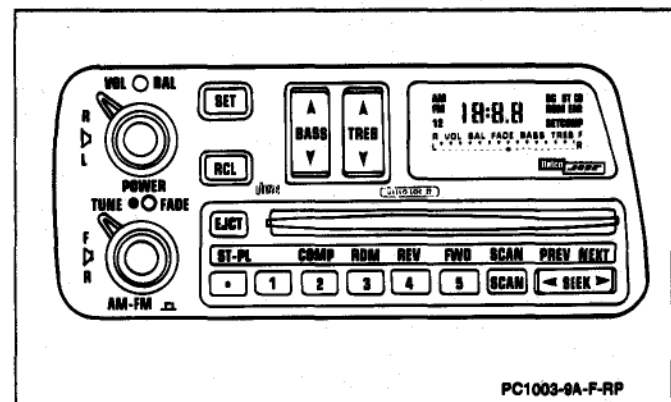


Figure 3 – U1T Radio – (Chevrolet)

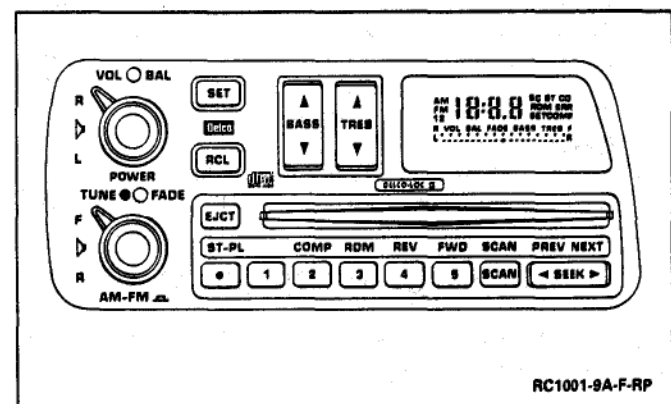


Figure 4 – U1C Radio – (Chevrolet Convertible)

Pontiac

Figures 5 through 8

- AM/FM Stereo/Cassette (UN6) with Theftlock.
- AM/FM Stereo/Cassette Equalizer (UT6) with Steering Wheel Radio Controls with Theftlock.
- AM/FM Stereo/Compact Disc Player (U1C) with Theftlock.
- AM/FM Stereo/Compact Disc/Equalizer (UP3) with Steering Wheel Radio Controls.

All Pontiac radios are equipped with dual directional seek and Dolby®.

Pontiac Firebird models have a new family of radio assemblies (2001 series) available featuring new styling (flush front design) and steering wheel controls on up-level radios. Some assemblies are available with or without a graphic equalizer.

The Pontiac optional audio system (UT6 and UP3) uses ten speakers and an amplifier: four speaker assemblies mounted in the front side doors, two speaker assemblies in the rear sail panel and four speaker assemblies in the rear compartment trim panel assembly. The amplifier is under the right rear armrest assembly.

FM Stereo

All factory-equipped sound systems with an FM stereo radio assembly will switch to stereo operation whenever an FM stereo broadcast is being received, and an indicator in the dial will light. Stereo operation means the radio is separating a stereo broadcast back into the original two channels, called "left" and "right." Stereo sound is noticeably more realistic to the ear.

Although FM is normally static-free, reception can be limited by terrain, atmospheric conditions, station strength and distance from the transmitter. Buildings or other obstructions can cause momentary static, flutter or station swapping. If reception is poor, tuning to a stronger station will bring improvement.

AMAX Stereo Certification

All optional radio assemblies are AMAX certified. These receivers can reproduce the fidelity sound now transmitted by all AM stations but not received on all AM radio assemblies.

Some improvements are high fidelity, adjustable receiver band width (wide for high fidelity or narrow to cut out any interference), noise cancellation, full stereo sound, new frequencies received and external antenna assembly capability.

The range of most AM stations is greater than FM, especially at night. The longer range, however, can cause stations to interfere with each other. AM is also subject to noise pick-up from storms, power lines, etc. AMAX certification reduces many of these problems.

RADIO ASSEMBLY CONTROLS

When the radio assembly is first turned on, the frequency will appear on the display for five seconds, and then the display will return to the time display. To recall the frequency, simply push in the upper knob or the

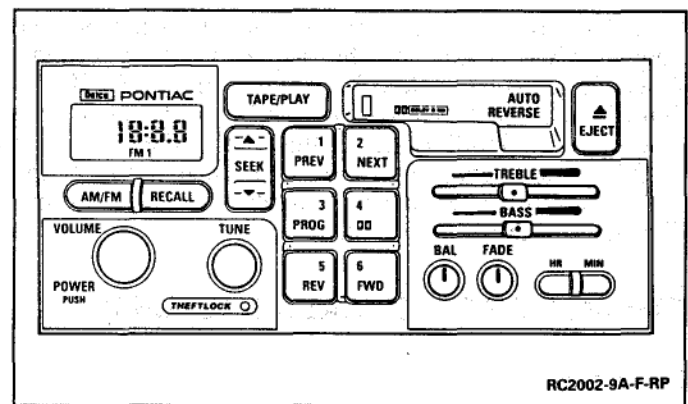


Figure 5 – UN6 Radio – (Pontiac)

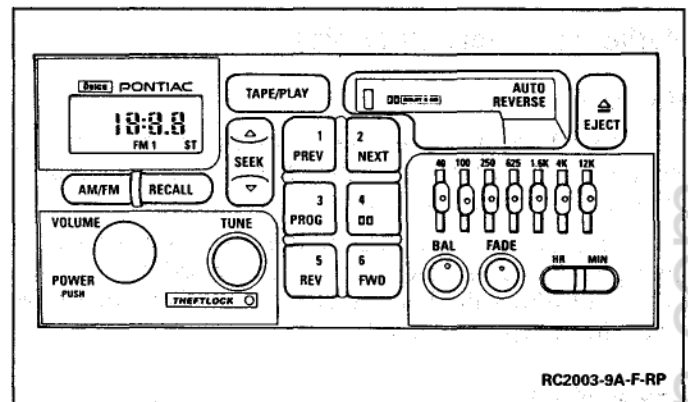


Figure 6 – UT6 Radio – (Pontiac)

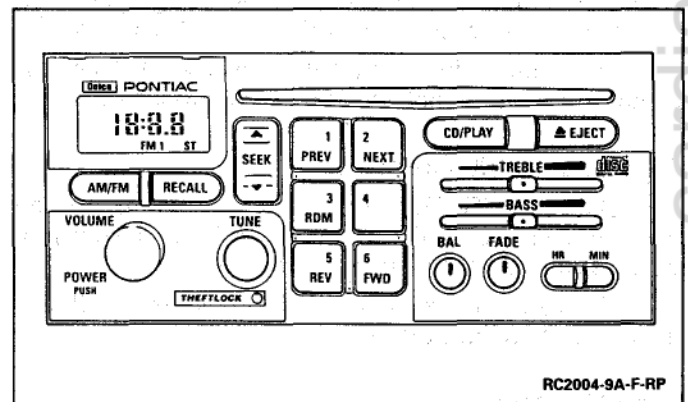


Figure 7 – U1C Radio – (Pontiac)

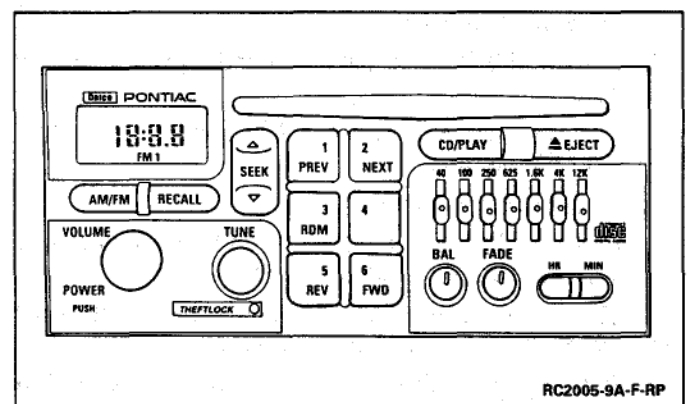


Figure 8 – UP3 Radio – (Pontiac)

"RCL" button while the radio assembly is turned on. The frequency will appear on the display for five seconds. When the ignition lock cylinder is in the "LOCK" or "OFF" position, the radio display is blank. To display the time when the ignition lock cylinder is in the "OFF" or "LOCK" position, simply push the upper knob or the "RCL" button. The time will display for five seconds. Then the display will turn blank.

ETR AM/FM STEREO/CASSETTE (UN6)

Chevrolet

Figure 1

Radio Assembly Operation

Upper Knob

This knob turns the radio assembly on and off. Rotate knob to control volume. The control ring behind the knob is the balance control.

Turn the ring clockwise to move speaker balance to the right and counterclockwise to move speaker balance to the left. Press the knob to select the other side of the tape when playing a cassette.

Lower Knob

Turn the knob to manually select radio stations. When the radio assembly is on and the tape player is off, press the knob to choose either the AM or the FM band.

The control ring behind the lower knob fades the sound between the front and rear speaker assemblies.

Bass and Treble Controls

Slide the "TREB" lever up to increase treble and down to decrease treble. Slide the "BASS" lever up to increase bass and down to decrease bass.

If a station is weak and noisy, move the "TREB" lever down to reduce the noise.

Push Buttons

To preset four AM stations and four FM stations:

1. Tune in desired station.
2. Press "SET." Within five seconds, press a station button.

To preset three additional AM stations and three additional FM stations:

1. Tune in desired station.
2. Press "SET." Within five seconds, press any two adjacent buttons simultaneously.

The radio will tune to the preselected station when the push button or button pair is pressed.

Button pairing allows for seven AM and seven FM stations to be preset for a total of fourteen preset stations.

If electrical power is interrupted by a blown fuse or a discharged battery, the stations must be reset.

Clock

To set the clock display on a 2000 series radio assembly, the ignition lock cylinder must be in the "ACCESSORY" or "RUN" position and the radio assembly must be off. To set the clock:

1. Push "SET."
2. Within five seconds, push and hold "SEEK ▼" until the correct hour appears.
3. Then press and hold "SEEK ▲" until the correct minute appears.

Seek and Scan Feature

The 2000 series radio assemblies have "SEEK" and "SCAN" features for electronic station tuning up and down the band.

Push the "SEEK ▲ or ▼" and the radio will tune to next higher or lower station with enough signal strength to be heard clearly, and stay there.

"SCAN" is a two-button sequence. To "SCAN" to the next higher station, press "SEEK ▲" and hold it there while you press "SEEK ▼." To "SCAN" to the next lower station, press "SEEK ▼" and hold it there while you press "SEEK ▲." The radio will move to the next strong station. It will pause there a few seconds, then move to the next strong station. When the radio reaches the end of the band, it will return to the other end of the band and continue to "SCAN." This will continue until the "SCAN" mode is terminated. To terminate the "SCAN" mode, press both buttons again or press the upper knob.

Cassette Tape Player

To play a tape, the ignition lock cylinder must be in the "ACCESSORY" or "RUN" position and the receiver/tape player must be turned on. Insert the cassette squarely through the door, exposed tape side of the cassette first. When the tape is fully inserted, the radio will turn off and the tape will begin playing.

To advance the tape, press the "▶" (forward) button. To reverse the tape, press the "◀" (reverse) button. To resume tape play from fast forward or reverse, press the "STOP-EJECT" button lightly. When the tape reaches the end of a side, it will automatically reverse and play the other side of the tape. To resume listening to the radio or to eject the tape, push the "STOP-EJECT" button.

The cassette player is turned off by ejecting the tape, turning the power knob (upper knob) or rotating the ignition lock cylinder to "LOCK," "OFF" or "START." When this occurs, the tape player will either eject the cassette automatically or the internal tape drive and roller will retract automatically. This is to protect the tape player and cassette tape.

For the best operation of the cassette player do not use cassette tapes longer than 60 minutes per side.

Tape Direction Indicators

The direction the tape is being played is indicated by indicator arrows. When the indicator arrow on the left side is on, the tape direction is to the left. When the indicator arrow on the right side is on, the tape direction is to the right.

Reversing Sides

Press the upper knob to play the other side of the tape. When the end of tape is reached, it automatically reverses direction and plays the other side.

"APS" (Automatic Program Search)

Push "APS" to go to the beginning of a new selection.

To go forward to the beginning of the next selection, push "▶." To go back to the beginning of the current selection, push "◀." Push "◀" again to go to the beginning of the previous selection.

Tape Eject Button

Press "STOP-EJECT" to eject tape or stop tape and switch to radio.

DELCO®-GM/BOSE® MUSIC SYSTEM/CASSETTE (UU8)

Chevrolet

Figure 2

Radio Assembly Operation

Upper Knob

This knob turns the radio assembly on and off. Rotate knob to control volume. Press the knob to select the other side of the tape when playing a cassette.

Lower Knob

Turn the knob to manually select radio stations. When the radio assembly is on and the tape player is off, press the knob to choose either the AM or the FM band.

The control ring behind the lower knob fades the sound between the front and rear speaker assemblies.

Bass and Treble Controls

Slide the "TREB" lever up to increase treble and down to decrease treble. Slide the "BASS" lever up to increase bass and down to decrease bass.

If a station is weak and noisy, move the "TREB" lever down to reduce the noise.

Balance

The speaker assemblies are electronically balanced on the Delco®-GM/Bose® Music System.

Push Buttons

To preset four AM stations and four FM stations:

1. Tune in desired station.
2. Press "SET." Within five seconds, press a station button.

To preset three additional AM stations and three additional FM stations:

1. Tune in desired station.
2. Press "SET." Within five seconds, press any two adjacent buttons simultaneously.

The radio will tune to the preselected station when the push button or button pair is pressed.

Button pairing allows for seven AM and seven FM stations to be preset for a total of fourteen preset stations.

If electrical power is interrupted by a blown fuse or a discharged battery, the stations must be reset.

Clock

To set the clock display on a 2000 series radio assembly, the ignition lock cylinder must be in the "ACCESSORY" or "RUN" position and the radio assembly must be off. To set the clock:

1. Push "SET."
2. Within five seconds, push and hold "SEEK ▼" until the correct hour appears.
3. Then press and hold "SEEK ▲" until the correct minute appears.

Seek and Scan Feature

The 2000 series radio assemblies have "SEEK" and "SCAN" features for electronic station tuning up and down the band.

Push the "SEEK ▲ or ▼" and the radio will tune to next higher or lower station with enough signal strength to be heard clearly, and stay there.

"SCAN" is a two-button sequence. To "SCAN" to the next higher station, press "SEEK ▲" and hold it there while you press "SEEK ▼." To "SCAN" to the next lower station, press "SEEK ▼" and hold it there while you press "SEEK ▲." The radio will move to the next strong station. It will pause there a few seconds, then move to the next strong station. When the radio reaches the end of the band, it will return to the other end of the band and continue to "SCAN." This will continue until the "SCAN" mode is terminated. To terminate the "SCAN" mode, press both buttons again or press the upper knob.

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To advance the tape, press the "▶" (forward) button. To reverse the tape, press the "◀" (reverse) button. To resume tape play from fast forward or reverse, press the "STOP-EJECT" button lightly. When the tape reaches the end of a side, it will automatically reverse and play the other side of the tape. To resume listening to the radio or to eject the tape, push the "STOP-EJECT" button.

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When this occurs, the tape player will either eject the cassette automatically or the internal tape drive and roller will retract automatically. This is to protect the tape player and cassette tape.

For the best operation of the cassette player do not use cassette tapes longer than 60 minutes per side.

Tape Direction Indicators

The direction the tape is being played is indicated by indicator arrows. When the indicator arrow on the left side is on, the tape direction is to the left. When the indicator arrow on the right side is on, the tape direction is to the right.

Reversing Sides

Press the upper knob to play the other side of the tape. When the end of tape is reached, it automatically reverses direction and plays the other side.

"APS" (Automatic Program Search)

Push "APS" to go to the beginning of a new selection.

To go forward to the beginning of the next selection, push "►." To go back to the beginning of the current selection, push "◄." Push "◄" again to go to the beginning of the previous selection.

Tape Eject Button

Press "STOP-EJECT" to eject tape or stop tape and switch to radio.

Tape Equalization Button

Select the 70 μ sec (chrome or metal) tape by pressing "CrO₂" button in, or 120 μ sec (standard) by leaving "CrO₂" button out.

DELCO®-GM/BOSE® MUSIC SYSTEM/COMPACT DISC (U1T)

Chevrolet

Figure 3

Radio Assembly Operation

Upper Knob

This knob turns the radio assembly on and off. Rotate knob to control volume. Press knob to silence the sound. The control ring behind the knob is the balance control. Turn the ring clockwise to move speaker balance to the right and counterclockwise to move speaker balance to the left.

Lower Knob

Rotate knob to tune radio stations manually. Press knob to alternately select AM or FM (FM1 or FM2) band. Rotate control behind lower knob to adjust the sound between front and rear speaker assemblies.

Bass and Treble Controls

Push "BASS ▲" to hear more bass and "BASS ▼" to hear less bass.

Push "TREB ▲" to hear more treble and "TREB ▼" to hear less treble.

For the clearest sound, keep both of these adjusted all the way up.

If a station is weak and noisy, push "TREB ▼" to reduce the noise.

Push Buttons

To preset five AM stations, five FM1 stations and five FM2 stations, use the following procedure:

1. Tune in desired station.
2. Push "SET." Within five seconds, push one of the five push buttons.
3. Repeat these steps for each push button.

Clock

To set the clock display, the ignition lock cylinder must be in the "ACCESSORY" or "RUN" position and the radio assembly must be off. To set the clock:

1. Push "SCAN."
2. Within five seconds, push and hold "SEEK ◄" until the correct hour appears.
3. Then push and hold "SEEK ►" until the correct minute appears.

"SEEK"

Press "SEEK ► or ◄" and the radio will tune to the next higher or lower station with enough signal strength to be heard clearly, and stay there.

"SCAN"

Push "SCAN" to hear each station for a few seconds. To stop scanning, push "SCAN" again or the upper knob.

Compact Disc Player

With the radio assembly on, insert disc into slot, label side up (player pulls it in). "CD" will appear on the display and track 1 will begin to play. If disc comes back out and "ERR" appears on display, check to see if:

- Disc is upside down.
- Disc is dirty, scratched or wet.
- Too much moisture is in the air.
- Temperature is too hot or too cold.

"RCL" (Recall)

Press "RCL" to see current track number. Press "RCL" again within five seconds to see time elapsed in current track on the display.

"PREV" (Previous)

Press "PREV" to play track again. If held or pressed more than once, the disc will return to previous track. If "PREV" is pressed within eight seconds from start of track, the disc will go to the beginning of the previous track and begin to play. If "PREV" button is pressed after eight seconds into the track, the disc will go to the beginning of the current track and begin to play.

"NEXT"

Press "NEXT" when you want to hear the next track now (before the present track is finished). If "NEXT" is held or pressed more than once, the disc will advance farther.

"FWD" (Forward)

Press and hold "FWD" to quickly advance within a track. Release it to resume playing.

"REV" (Reverse)

Press and hold "REV" to return quickly to a favorite passage on the disc. Release it to resume playing.

"SCAN"

Press "SCAN" to listen to each track for about 10 seconds. To stop scanning, push "RDM" or "SCAN."

"RDM" (Random)

Press this button and the player chooses a random order of tracks to play. When the final random track has been played, the disc will play the same random selection again. Press "RDM" again for a different selection of tracks.

"COMP" (Compression)

Push "COMP" to make loud and soft passages more nearly equal in volume.

"ST-PL" (Stop/Play)

Press "ST-PL" to stop disc from playing. The radio will resume playing. "ST-PL" will also restart the disc. The disc will resume playing at the point where it stopped.

"EJCT" (Eject)

Push "EJCT" to eject disc and resume radio play.

**ETR AM/FM STEREO/COMPACT DISC
PLAYER (U1C)****Chevrolet Convertible****Figure 4****Radio Assembly Operation****Upper Knob**

This knob turns the radio assembly on and off. Rotate knob to control volume. Press knob to silence the sound. The control ring behind the knob is the balance control. Turn the ring clockwise to move speaker balance to the right and counterclockwise to move speaker balance to the left.

Lower Knob

Rotate knob to tune radio stations manually. Press knob to alternately select AM or FM (FM1 or FM2) band. Rotate control behind lower knob to adjust the sound between front and rear speaker assemblies.

Bass and Treble Controls

Push "BASS ▲" to hear more bass and "BASS ▼" to hear less bass.

Push "TREB ▲" to hear more treble and "TREB ▼" to hear less treble.

For the clearest sound, keep both of these adjusted all the way up.

If a station is weak and noisy, push "TREB ▼" to reduce the noise.

Push Buttons

To preset five AM stations, five FM1 stations and five FM2 stations, use the following procedure:

1. Tune in desired station.
2. Push "SET." Within five seconds, push one of the five push buttons.
3. Repeat these steps for each push button.

Clock

To set the clock display, the ignition lock cylinder must be in the "ACCESSORY" or "RUN" position and the radio assembly must be off. To set the clock:

1. Push "SCAN."
2. Within five seconds, push and hold "SEEK ◀" until the correct hour appears.
3. Then push and hold "SEEK ▶" until the correct minute appears.

"SEEK"

Press "SEEK ▶ or ◀" and the radio will tune to the next higher or lower station with enough signal strength to be heard clearly, and stay there.

"SCAN"

Push "SCAN" to hear each station for a few seconds. To stop scanning, push "SCAN" again or the upper knob.

Compact Disc Player

With the radio assembly on, insert disc into slot, label side up (player pulls it in). "CD" will appear on the display and track 1 will begin to play. If disc comes back out and "ERR" appears on display, check to see if:

- Disc is upside down.
- Disc is dirty, scratched or wet.
- Too much moisture is in the air.
- Temperature is too hot or too cold.

"RCL" (Recall)

Press "RCL" to see current track number. Press "RCL" again within five seconds to see time elapsed in current track on the display.

"PREV" (Previous)

Press the "PREV" to play track again. If held or pressed more than once, the disc will return to previous track. If "PREV" is pressed within eight seconds from start of track, the disc will go to the beginning of the previous track and begin to play. If "PREV" button is

pressed after eight seconds into the track, the disc will go to the beginning of the current track and begin to play.

"NEXT"

Press "NEXT" when you want to hear the next track now (before the present track is finished). If "NEXT" is held or pressed more than once, the disc will advance farther.

"FWD" (Forward)

Press and hold "FWD" to quickly advance within a track. Release it to resume playing.

"REV" (Reverse)

Press and hold "REV" to return quickly to a favorite passage on the disc. Release it to resume playing.

"SCAN"

Press "SCAN" to listen to each track for about 10 seconds. To stop scanning, push "RDM" or "SCAN."

"RDM" (Random)

Press this button and the player chooses a random order to tracks to play. When the final random track has been played, the disc will play the same random selection again. Press "RDM" again for a different selection of tracks.

"COMP" (Compression)

Push "COMP" to make loud and soft passages more equal in volume.

"ST-PL" (Stop/Play)

Press "ST-PL" to stop disc from playing. The radio will resume playing. "ST-PL" will also restart the disc. The disc will resume playing at the point where it stopped.

"EJCT" (Eject)

Push "EJCT" to eject disc and resume radio play.

ETR AM/FM STEREO/CASSETTE TAPE PLAYER (UN6)

Pontiac

Figure 5

Radio Assembly Operation

Volume Knob

Push the "VOLUME" knob to turn the radio on or off. Rotate the knob to adjust sound.

"AM/FM"

Press "AM/FM" to receive either AM/FM1 or FM2. The lighted display shows the selection.

Tune Knob

Press the "TUNE" knob to release the knob. Turn the knob to choose desired radio stations. Push the "TUNE" knob back in to store it when not in use.

"RECALL"

Press "RECALL" to recall the station being played or the clock display. Press "RECALL" also to display the time when the ignition is off.

"SEEK"

Press "SEEK ▼" or "▲" and the radio will tune to the next lower or higher station and stay there.

Bass and Treble Controls

Slide the "TREBLE" lever to the right to increase treble and to the left to decrease treble. Slide the "BASS" lever to the right to increase bass and to the left to decrease bass.

If a station is weak and noisy, move the "TREBLE" lever to the left to reduce the noise.

AMAX Stereo Certification

With an AMAX-certified receiver, the radio can produce quality AM sound comparable to FM stereo. AMAX reduces noise without reducing the high frequencies needed for the best sound. In addition to improved sound quality, AMAX includes more stations on the AM band. You don't have to do anything to a Delco® GM radio because AMAX is automatic.

Clock

To set the clock display on the radio assembly, the ignition may be off. To set the clock:

1. Press and hold "HR" (hour) until the correct hour appears.
2. Press and hold "MIN" (minute) until the correct minute appears.

There will be a two-second delay before the clock goes into the time-set mode.

Push Buttons

To preset six AM stations and six FM1 stations or six FM2 stations:

1. Tune in desired station.
2. Press and hold one of the six push buttons until the display shows "SET." Whenever pressing that button, the preset station will return.

Repeat these steps for each push button.

Speaker Adjustment

Balance Knob: Press "BAL" knob to release knob. Turn the knob to move the sound between the right and left speakers. Push "BAL" knob back in to store it when not adjusting.

Fade Knob: Press "FADE" knob to release the knob. Turn the knob to move the sound between the front and rear speakers. Push "FADE" knob back in to store it when not adjusting.

Cassette Tape Player

The tape player is built to work best with tapes that are 30 minutes long on each side. Tapes longer than that are so thin they may not work well in this player.

To play a tape, the ignition lock cylinder must be in the "ACCESSORY" or "RUN" position and the receiver

er/tape player must be turned on. Insert the cassette squarely through the door, exposed tape side of the cassette first. If you hear nothing or hear just garbled sound, it may not be in squarely. Press "EJECT" to remove the tape and start over. A cassette symbol will appear in the upper left hand corner of the display whenever a tape is inserted. When the tape is fully inserted, the radio will turn off and the tape will begin playing.

Once the tape is playing, use "VOLUME," "BAL," "FADE," "TREBLE" and "BASS" just as for the radio. The arrow shows which side of the tape is playing.

To rapidly advance the tape, press "FWD" (forward). Press "PROG" (program) or "REV" (reverse) to stop this process. The radio will play during this operation. To rapidly reverse the tape, press "REV" (reverse). Press "PROG" (program) or "REV" (reverse) again to stop this process. The radio will play during this operation.

To play the next selection, press "NEXT" or "SEEK ▲" (instead of waiting until the current selection is finished). For "NEXT" to work properly, your tape must have at least three seconds of silence between each selection. The radio will not play during this operation.

To replay the current selection, press "PREV" or "SEEK ▼". For "PREV" to work properly, your tape must have at least three seconds of silence between each selection. The radio will not play during this operation.

To switch from one side of the tape to the other or to stop the tape from searching, press the "PROG" (program) knob.

To reduce tape noise, press [Dolby®] symbol. This symbol will appear in the display.

To stop the tape player do any of the following:

- Turn the power off or turn the ignition key off. The cassette stays in the player and will resume playing at the point where it stopped.
- Press AM/FM to stop playing the cassette and switch to radio. Press "TAPE/PLAY" to restart the cassette at the point where it stopped.
- Press "EJECT" to remove the cassette or stop the cassette and switch to radio. "EJECT" will work with the ignition on or off.

ETR AM/FM STEREO/CASSETTE TAPE PLAYER WITH GRAPHIC EQUALIZER (UT6)

Pontiac

Figure 6

Radio Assembly Operation

Volume Knob

Push the "VOLUME" knob to turn the radio on or off. Rotate the knob to adjust sound.

"AM/FM"

Press "AM/FM" to receive either AM/FM1 or FM2. The lighted display shows the selection.

Tune Knob

Press the "TUNE" knob to release the knob. Turn the knob to choose desired radio stations. Push the "TUNE" knob back in to store it when not in use.

"RECALL"

Press "RECALL" to recall the station being played or the clock display. Press "RECALL" also to display the time when the ignition is off.

"SEEK"

Press "SEEK ▼" or "▲" and the radio will tune to the next lower or higher station and stay there.

AMAX Stereo Certification

With an AMAX-certified receiver, the radio can produce quality AM sound comparable to FM stereo. AMAX reduces noise without reducing the high frequencies needed for the best sound. In addition to improved sound quality, AMAX includes more stations on the AM band. You don't have to do anything to a Delco® GM radio because AMAX is automatic.

Clock

To set the clock display on the radio assembly, the ignition may be off. To set the clock:

1. Press and hold "HR" (hour) until the correct hour appears.
2. Press and hold "MIN" (minute) until the correct minute appears.

There will be a two-second delay before the clock goes into the time-set mode.

Push Buttons

To preset six AM stations and six FM1 stations or six FM2 stations:

1. Tune in desired station.
2. Press and hold one of the six push buttons until the display shows "SET." Whenever pressing that button, the preset station will return.

Repeat these steps for each push button.

Speaker Adjustment

Balance Knob: Press "BAL" knob to release the knob. Turn the knob to move the sound between the right and left speakers. Push "BAL" knob back in to store it when not adjusting.

Fade Knob: Press "FADE" knob to release the knob. Turn the knob to move the sound between the front and rear speakers. Push "FADE" knob back in to store it when not adjusting.

Steering Wheel Controls

Vehicles equipped with this radio have steering wheel controls for the audio system. With steering wheel controls, use the buttons on the steering wheel to:

1. Turn the radio on or off.
2. Adjust the volume.
3. Choose AM, FM1 or FM2.
4. Use the "SEEK" and "RECALL" functions.

5. Choose one of the preset stations.

Setting the Graphic Equalizer

Use the levers to set the bass, midrange and treble until you get the sound you want. The 40, 100, 250 and 625 levers adjust the bass; 1.6K is midrange, and 4K and 12K control the treble. The 1.6K lever may be set in the middle position and then the other levers may be moved up or down until a satisfactory amount of bass and treble is achieved.

Cassette Tape Player

The tape player is built to work best with tapes that are 30 to 45 minutes long on each side. Tapes longer than that are so thin they may not work well in this player.

To play a tape, the ignition lock cylinder must be in the "ACCESSORY" or "RUN" position and the receiver/tape player must be turned on. Insert the cassette squarely through the door, exposed tape side of the cassette first. If you hear nothing or hear just garbled sound, it may not be in square. Press "EJECT" to remove the tape and start over. A cassette symbol will appear in the upper left hand corner of the display whenever a tape is inserted. When the tape is fully inserted, the radio will turn off and the tape will begin playing.

Once the tape is playing, use "VOLUME," "BAL," "FADE," "TREBLE" and "BASS" just as for the radio. The arrow shows which side of the tape is playing.

To rapidly advance the tape, press "FWD" (forward). Press "PROG" (program) or "REV" (reverse) to stop this process. The radio will play during this operation. To rapidly reverse the tape, press "REV" (reverse). Press "PROG" (program) or "REV" (reverse) again to stop this process. The radio will play during this operation.

To play the next selection, press "NEXT" or "SEEK ▲" (instead of waiting until the current selection is finished). For "NEXT" to work properly, your tape must have at least three seconds of silence between each selection. The radio will not play during this operation.

To replay the current selection, press "PREV" or "SEEK ▼." For "PREV" to work properly, your tape must have at least three seconds of silence between each selection. The radio will not play during this operation.

To switch from one side of the tape to the other or to stop the tape from searching press the "PROG" (program) knob.

To reduce tape noise, press [Dolby®] symbol. This symbol will appear in the display.

To stop the tape player do any of the following:

- Turn the power off or turn the ignition key off. The cassette stays in the player and will resume playing at the point where it stopped.
- Press AM/FM to stop playing the cassette and switch to radio. Press "TAPE/PLAY" to restart the cassette at the point where it stopped.
- Press "EJECT" to remove the cassette or stop the cassette and switch to radio. "EJECT" will work with the ignition or radio off.

ETR AM/FM STEREO/COMPACT DISC PLAYER (U1C)

Pontiac

Figure 7

Radio Assembly Operation

Volume Knob

Push the "VOLUME" knob to turn the radio on or off. Rotate the knob to adjust sound.

"AM/FM"

Press "AM/FM" to receive either AM/FM1 or FM2. The lighted display shows the selection.

Tune Knob

Press the "TUNE" knob to release the knob. Turn the knob to choose desired radio stations. Push the "TUNE" knob back in to store it when not in use.

"RECALL"

Press "RECALL" to recall the station being played or the clock display. Press "RECALL" also to display the time when the ignition is off.

"SEEK"

Press "SEEK ▼" or "▲" and the radio will tune to the next lower or higher station and stay there.

AMAX Stereo Certification

With an AMAX-certified receiver, the radio can produce quality AM sound comparable to FM stereo. AMAX reduces noise without reducing the high frequencies needed for the best sound. In addition to improved sound quality, AMAX includes more stations on the AM band. You don't have to do anything to a Delco® GM radio because AMAX is automatic.

Bass and Treble Controls

Slide the "TREBLE" lever to the right to increase treble and to the left to decrease treble. Slide the "BASS" lever to the right to increase bass and to the left to decrease bass.

If a station is weak and noisy, move the "TREBLE" lever to the left to reduce the noise.

Clock

To set the clock display on the radio assembly, the ignition may be off. To set the clock:

1. Press and hold "HR" (hour) until the correct hour appears.
2. Press and hold "MIN" (minute) until the correct minute appears.

There will be a two-second delay before the clock goes into the time-set mode.

Push Buttons

To preset six AM stations and six FM1 stations or six FM2 stations:

1. Tune in desired station.

2. Press and hold one of the six push buttons until display shows "SET." Whenever pressing that button, the preset station will return.

Repeat these steps for each push button.

Speaker Adjustment

Balance Knob: Press "BAL" knob to release the knob. Turn the knob to move the sound between the right and left speakers. Push "BAL" knob back in to store it when not adjusting.

Fade Knob: Press "FADE" knob to release the knob. Turn the knob to move the sound between the front and rear speakers. Push "FADE" knob back in to store it when not adjusting.

Compact Disc Player

With the radio assembly on, insert the disc into the slot, label side up (player pulls it in). "CD" will appear on the display and track 1 will begin to play. If the disc comes back out and "ERR" appears on display, check to see if:

- Disc is upside down.
- Disc is dirty, scratched or wet.
- Too much moisture is in the air.
- Temperature is too hot or too cold.

"RECALL"

Press "RECALL" to see current track number. Press "RECALL" again within five seconds to see time elapsed in current track on the display. The track number also appears when the disc is inserted.

"PREV" (Previous)

Press "PREV" to play track again. If held or pressed more than once, the disc will return to previous track. If "PREV" is pressed within eight seconds from start of track, the disc will go to the beginning of the previous track and begin to play. If "PREV" button is pressed after eight seconds into the track, the disc will go to the beginning of the current track and begin to play.

To Play Next Selection

Press "NEXT" or "SEEK ▲" when you want to hear the next track now (before the present track is finished). If "NEXT" or "SEEK ▲" is held or pressed more than once, the disc will advance farther.

To Replay Current Selection

Press "PREV" or "SEEK ▼" to play a track again. If you press and hold these buttons or press more than once, the disc will return to previous tracks.

"FWD" (Forward)

Press and hold "FWD" to advance quickly within a track. Release it to resume playing. The radio will play during this operation.

"REV" (Reverse)

Push "REV" and hold it to return quickly to a favorite passage on the disc. Release it to resume playing.

"RDM" (Random)

Press this button and the player chooses a random order of tracks to play. When the final random track has been played, the disc will play the same random selection again. Press "RDM" again for a different selection of tracks.

To Stop Disc Player

Any of the following steps will stop the disc player:

- Turn the power off or turn the ignition key off. The disc stays in the player and will resume playing at the point where it stopped.
- Press "AM/FM" to stop playing the disc and switch to the radio. Press "CD/PLAY" to restart the disc at the point where it stopped.
- Press "EJECT" to eject the disc or stop the disc and switch to radio. "EJECT" will work with the ignition or radio off.

ETR AM/FM STEREO/COMPACT DISC PLAYER WITH GRAPHIC EQUALIZER (UP3)

Pontiac

Figure 8

Radio Assembly Operation

Volume Knob

Push the "VOLUME" knob to turn the radio on or off. Rotate the knob to adjust sound.

"AM/FM"

Press "AM/FM" to receive either AM/FM1 or FM2. The lighted display shows the selection.

Tune Knob

Press the "TUNE" knob to release the knob. Turn the knob to choose desired radio stations. Push the "TUNE" knob back in to store it when not in use.

"RECALL"

Press "RECALL" to recall the station being played or the clock display. Press "RECALL" also to display the time when the ignition is off.

"SEEK"

Press "SEEK ▼" or "▲" and the radio will tune to the next lower or higher station and stay there.

AMAX Stereo Certification

With an AMAX-certified receiver, the radio can produce quality AM sound comparable to FM stereo. AMAX reduces noise without reducing the high frequencies needed for the best sound. In addition to improved sound quality, AMAX includes more stations on the AM band. You don't have to do anything to a Delco® GM radio because AMAX is automatic.

Clock

To set the clock display on the radio assembly, the ignition may be off. To set the clock:

1. Press and hold "HR" (hour) until the correct hour appears.
2. Press and hold "MIN" (minute) until the correct minute appears.

There will be a two-second delay before the clock goes into the time-set mode.

Push Buttons

To preset six AM stations and six FM1 stations or six FM2 stations:

1. Tune in desired station.
2. Press and hold one of the six push buttons until display shows "SET." Whenever pressing that button, the preset station will return.

Repeat these steps for each push button.

Speaker Adjustment

Balance Knob: Press "BAL" knob to release the knob. Turn the knob to move the sound between the right and left speakers. Push "BAL" knob back in to store it when not adjusting.

Fade Knob: Press "FADE" knob to release the knob. Turn the knob to move the sound between the front and rear speakers. Push "FADE" knob back in to store it when not adjusting.

Steering Wheel Controls

Vehicles equipped with this radio have steering wheel controls for the audio system. With steering wheel controls, use the buttons on the steering wheel to:

1. Turn the radio on or off.
2. Adjust the volume.
3. Choose AM, FM1 or FM2.
4. Use the "SEEK" and "RECALL" functions.
5. Choose one of the preset stations.

Setting the Graphic Equalizer

Use the levers to set the bass, midrange and treble until you get the sound you want. The 40, 100, 250 and 625 levers adjust the bass; 1.6K is midrange, and 4K and 12K control the treble. The 1.6K lever may be set in the middle position and then the other levers may be moved up or down until a satisfactory amount of bass and treble is achieved.

Compact Disc Player

With the radio assembly on, insert the disc into the slot, label side up (player pulls it in). "CD" will appear on the display and track 1 will begin to play. If the disc comes back out and "ERR" appears on display, check to see if:

- Disc is upside down.
- Disc is dirty, scratched or wet.
- Too much moisture is in the air.
- Temperature is too hot or too cold.

"RECALL"

Press "RECALL" to see current track number. Press "RECALL" again within five seconds to see time elapsed

in current track on the display. The track number also appears when the disc is inserted.

"PREV" (Previous)

Press "PREV" to play track again. If held or pressed more than once, the disc will return to previous track. If "PREV" is pressed within eight seconds from start of track, the disc will go to the beginning of the previous track and begin to play. If "PREV" button is pressed after eight seconds into the track, the disc will go to the beginning of the current track and begin to play.

To Play Next Selection

Press "NEXT" or "SEEK ▲" when you want to hear the next track now (before the present track is finished). If "NEXT" or "SEEK ▲" is held or pressed more than once, the disc will advance farther.

To Replay Current Selection

Press "PREV" or "SEEK ▼" to play a track again. If you press and hold these buttons or press more than once, the disc will return to previous tracks.

"FWD" (Forward)

Press and hold "FWD" to advance quickly within a track. Release it to resume playing. The radio will play during this operation.

"REV" (Reverse)

Push "REV" and hold it to return quickly to a favorite passage on the disc. Release it to resume playing.

"RDM" (Random)

Press this button and the player chooses a random order of tracks to play. When the final random track has been played, the disc will play the same random selection again. Press "RDM" again for a different selection of tracks.

To Stop Disc Player

Any of the following steps will stop the disc player:

- Turn the power off or turn the ignition key off. The disc stays in the player and will resume playing at the point where it stopped.
- Press "AM/FM" to stop playing the disc and switch to the radio. Press "CD/PLAY" to restart the disc at the point where it stopped.
- Press "EJECT" to eject the disc or stop the disc and switch to radio. "EJECT" will work with the ignition or radio off. Press "EJECT" to load a disc when the radio is off.

SETTING RADIO ANTI-THEFT FEATURE

Delco®-Loc II and Theftlock is a security feature which can be used or ignored. If ignored, the radio assembly will play normally. If used, the radio assembly will be useless if stolen because it won't turn on.

This is how to enter a secret code into the radio assembly. If battery power is lost for any reason, the secret code must be entered again before the radio assembly will turn on.

Delco®-Loc II**Chevrolet**

1. Write down any 6-digit number and keep in safe place.
2. Turn ignition to "ACCESSORY" or "RUN" position.
3. Turn the volume control knob to the left to turn radio assembly off.
4. Press buttons "1" and "4" together and hold until "---" shows on display.
5. Do not wait more than 15 seconds between each step.
6. Press "SET" and "000" appears on the display.
7. Press "SCAN" and hold until first digit of code appears.
8. Press "SEEK ◀ or ▶" to make second and third digits appear.
9. Press the lower knob (tune knob) ("000" appears).
10. Press "SCAN" and hold until fourth digit of code appears.
11. Press "SEEK ◀ or ▶" to make last two digits of code appear.
12. Press the lower knob (tune knob) ("rEP" appears for 5 seconds, then "000" appears).
13. For verification, repeat steps 7 through 11. Next, press the lower knob (tune knob). "SEC" will then be seen on display, meaning radio assembly is secured. If the display shows "---", the verification steps were not successful and the entire sequence must be repeated from step 6.

Theftlock**Pontiac**

The instructions below explain how to enter a security code into the system. If the vehicle loses battery power for any reason, the security code must be entered again before the system will turn on.

1. Write down any number from 000 to 1999 and keep it in a safe place.
2. Turn ignition switch to the "ACCESSORY" or "RUN" position.
3. Turn audio system off.
4. Press and hold pushbuttons "1" and "4" together until "---" shows on the display.

You are now ready to enter the security code, pausing no more than 15 seconds between steps.

5. Press "MIN" and "000" will appear on the display.
6. Press "MIN" again and hold until the last two digits of the code appear. Release button.
7. Press "HR" until the first one or two digits of the code appear.
8. Press "AM/FM;" "rEP" will appear on the display.
9. Repeat steps 5 through 7.

10. Press "AM/FM;" "SEC" will appear on the display. This means that the audio system is secured.

The indicator light will also flash when the ignition is off. If the display shows "---", the verification steps were not successful and the entire sequence must be done over.

UNLOCKING SECURED RADIO ASSEMBLY**Theftlock****Pontiac**

If the audio system is secured ("SEC" shows on the display) and you wish to disable it, enter the security code as follows, pausing no more than 15 seconds between steps:

1. Turn ignition on. Make sure audio system is off. The time will show on the display.
2. Press pushbuttons "1" and "4" together until "SEC" shows on the display.
3. Press "MIN" and "000" will appear on the display.
4. Press "MIN" again and hold until the last two digits of the code appear. Release the button.
5. Press "HR" until the first one or two digits appear.
6. Press "AM/FM;" If "---" shows, you have shut off the theft-deterrent feature. If "SEC" shows, the audio system is still secured.

**Important**

- If the security code is lost or forgotten, contact the dealer for assistance.

UNLOCKING SECURED RADIO ASSEMBLY AFTER POWER LOSS

When battery power is reapplied to a secured radio assembly, the radio assembly won't turn on and "LOC" appears on the display. Enter the secret customer or factory backup code as follows (do not pause more than 15 seconds between steps):

Delco®-Loc II**Chevrolet**

1. Turn ignition to "ACCESSORY" or "RUN" position.
2. Press "SET" and "000" appears on display.
3. Press "SCAN" and hold until first digit of secret code appears.
4. Press "SEEK ◀ or ▶" to make second and third digits of code appear.
5. Press the lower knob (tune knob) and "000" appears on display.
6. Press "SCAN" and hold until fourth digit of secret code appears.
7. Press "SEEK ◀ or ▶" to make fifth and sixth digits of code appear.
8. Press the lower knob (tune knob). If the unlock sequence was successful, the display will show the "Time of Day (CLOCK)," indicating the radio is

operational and in the SECURED mode. If "LOC" shows, the numbers did not match and the unit is still locked. Repeat steps 2 through 8.

Theftlock

Pontiac

If power is disrupted to the audio system while in the "SEC" mode, the unit will not work and "LOC" will show on the display whenever the ignition is on. To unlock the unit (with the ignition in "ACC" or "RUN" position and radio off):

1. Press "MIN" and "000" will appear on the display.
2. Press "MIN" again and hold until last two digits of the code appear. Release the button.
3. Press "HR" until the first one or two digits appear.
4. Press "AM/FM" and "SEC" will appear and the unit will work. If "LOC" shows, the numbers did not match and the unit is still locked.

DETERMINING FACTORY BACKUP UNLOCKING CODE FOR SECURED RADIO ASSEMBLY

If the security is activated and the radio assembly is disconnected from battery power, the radio assembly will display "LOC." The radio assembly will not turn on until the correct unlocking code is entered. If the customer code is lost or unavailable, use the following procedures to determine the factory backup code. This procedure requires a tone dialing telephone.

Delco®-Loc II

Chevrolet

1. Turn ignition to "ACCESSORY" or "RUN" position.
2. Press and hold "COMP" and "RDM" (push buttons 2 and 3). After three seconds, digits 1 through 3 of radio identification number will be displayed. Write them down.
3. Press lower knob (tune knob). Digits 4 through 6 of radio identification number will be displayed. Write them down.
4. Using tone dialing telephone, call 1-800-537-5140 (U.S. and Canada) or (317) 451-8965.
5. When computer advises, enter dealer code or radio shop account number using telephone keypad, then press "*".
6. When advised, enter six-digit radio identification number obtained in steps 2 and 3, then press "*". Computer will respond with unlocking code. Write it down.
7. To unlock secured radio, refer to "Unlocking Secured Radio Assembly after Power Loss" in this section.

Theftlock

Pontiac

1. Turn ignition to "ACCESSORY" or "RUN" position and turn radio off.

2. If the unit is in the locked condition ("LOC" is displayed), skip this step. Otherwise, depress preset buttons 1 ("PREV") and 4 for five seconds. The display will show either "---" (unsecured state) or "SEC" (secured state).
3. Depress preset buttons 2 ("NEXT") and 3 for five seconds. Display will show first three digits of factory code. Write them down.
4. Depress "AM/FM" button. Display will show second three digits of factory code. Write them down.
5. Depress "AM/FM" button. Unit will display either "LOC," "SEC" or "---" depending on state unit is in. Unit will revert to initial display prior to code retrieval sequence after 15 seconds or any operator interaction.
6. Using tone dialing telephone, call 1-800-537-5140 (U.S. and Canada) or (317) 451-8965.
7. When computer advises, enter dealer code or radio shop account number using telephone keypad, then press "*".
8. When advised, enter six-digit radio identification number obtained in steps 2 and 3, then press "*". Computer will respond with unlocking code. Write it down.
9. To unlock secured radio, refer to "Unlocking Secured Radio Assembly after Power Loss" in this section.

DIAGNOSIS

AUDIO SYSTEM DIAGNOSIS

For information on audio system diagnosis, refer to SECTION 8A.

RADIO FIXED ANTENNA ASSEMBLY DIAGNOSIS

Unplug antenna lead-in at back of radio assembly and plug a test antenna into the radio assembly. Make sure test antenna base is grounded to the vehicle chassis and keep hands off of antenna. Check radio reception in an area away from electrical interferences. These include tall buildings, metal structures, power lines, fluorescent lighting and power tools. Tune to high and low ends of the dial on both AM and FM, checking weak and strong station reception. If reception is OK, problem exists with antenna assembly and/or its lead-in cable. If reception is still poor, refer to SECTION 8A.

ON-VEHICLE SERVICE

TAPE PLAYER AND CASSETTE CARE

Tape Head and Capstan Cleaning

Figure 9

Two parts should be cleaned on the tape player, the head and the capstan. Since they can be reached through the tape door, leave the tape player in the vehicle. This service should be performed every 100 hours of cassette operation.

To clean the head and capstan, use a cotton swab dipped in rubbing alcohol.

A cassette cleaning kit may also be used to clean the head and capstan. Follow instructions on the kit to clean the tape player.

Do not contact the tape head with magnetized tools. If the head becomes magnetized, it will degrade every cassette played in the player.

No service is performed on the cassettes. The cassette manufacturer handles warranties of cassettes. The test cassette used by the dealer should be stored in its container to keep the tape clean. Store cassette away from extreme heat and direct sunlight.

COMPACT DISC CARE

Handle discs carefully. Store in protective case away from sun, heat and dust. If surface is soiled, dampen a clean, soft cloth in a solution of mild neutral detergent and wipe clean. Mini discs called "singles" (about 3 inches in diameter) will not eject and should not be used.

RADIO ASSEMBLY

Refer to SECTION 8C for removal and installation procedures.

SPEAKER ASSEMBLIES

For removal and installation of radio front side door speakers, refer to SECTION 10-6. For removal and installation of rear speaker assemblies (including the Bose amplifier), refer to SECTION 10-7.

! Important

- All Delco® sound systems have ungrounded speakers. Installing add-on tape players, CBs or other units which use the vehicle speakers may damage your Delco® sound system, and is not recommended.

RADIO SUPPRESSION EQUIPMENT

When installing a new radio assembly, or when noise is a problem, ensure that radio suppression equipment is present and properly installed. Refer to "Noise

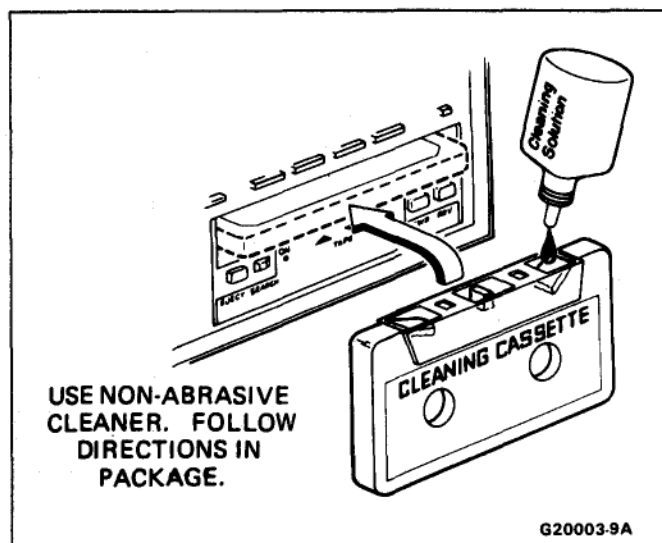


Figure 9 – Cleaning Cassette Player

Diagnostic Charts" in SECTION 8A for determining locations.

RADIO FIXED ANTENNA ASSEMBLY

Figure 10

Tool Required:

J 38536-A Antenna Bezel Socket

↔ Remove or Disconnect

1. Using J 38536-A loosen nut (2).
2. Antenna base (3) from spare tire bracket.
3. Nut (2) and bezel (1).
4. Top of antenna base (3) from rear quarter panel
5. Cable (4) from antenna base (3).

↔ Install or Connect

CAUTION; If substituting an antenna or cable, be sure to use a barbless-type connector. Incorrect connectors may cause poor reception or damage to connectors.

NOTICE: See "Notice" on page 9A-1 of this section.

1. Cable (4) into antenna base (3).
2. Top of antenna base (3) into hole in rear quarter panel.
3. Bezel (1) to antenna base (3) and secure with nut (2) (finger tighten only).
4. Bottom of antenna base (3) into spare tire bracket.

🔧 Tighten

- Nut (2) to 3 N•m (34 lb. in.) using J 38536-A.

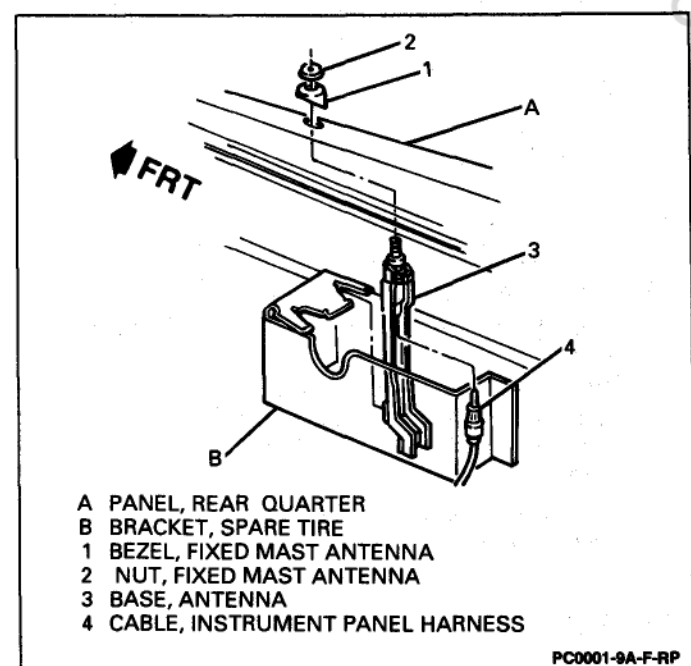


Figure 10 – Antenna Mounting

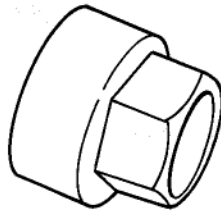
SPECIFICATIONS

FASTENER TIGHTENING SPECIFICATIONS

Radio Antenna Nut 3 N•m (34 lb. in.)

SPECIAL TOOLS

1.



J 38536-A

1. ANTENNA BEZEL SOCKET

PC0002-9A-F-RP