



Anti -Theft Radio Manual

PROGRAMMED RADIO STATION FREQUENCIES

FM

1. _____
2. _____
3. _____
4. _____
5. _____

AM

1. _____
2. _____
3. _____
4. _____
5. _____

The programmed station memory will be erased in the event that power to the radio is disconnected due to electrical system repairs or due to low battery voltage for more than approximately one week. Therefore, record the frequencies of your favorite stations **IN PENCIL** above, for reprogramming when power is restored.

Seek tuning will not operate properly if the battery voltage is low. Should "Code" appear in the display, refer to Page 5 of this manual.

DEAR PEUGEOT OWNER:

You have now purchased one of the finest, most stylish, and most comfortable automobiles manufactured today. For your listening comfort, your Peugeot is equipped with a digital, electronically tuned, AM/FM stereo radio with an auto-reverse cassette, equipped with Dolby B* noise reduction. Control placement and operation have been carefully engineered to minimize the time your eyes are off the road, thereby contributing to active safety. For your protection, it also is equipped with an electronic “anti-theft coded” system.

Please read this manual thoroughly so that you will be able to enjoy its many features to the utmost.

PEUGEOT MOTORS OF AMERICA

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DESCRIPTION OF FEATURES

- Anti-theft electronic code protection system
- Electronic radio tuning
- Digital phase-locked loop frequency synthesizer. Locks onto precise broadcast frequency to prevent drift.
- Separate bass and treble controls with built-in loudness.
- Bidirectional AM/FM seek tuning
- 5 AM and 5 FM programmable station memory capability.
- Bidirectional AM/FM scan tuning.
- Automatic local/distant signal attenuation
- Automatic antenna trimmer.
- Automatic stereo/mono blend circuitry to minimize noise, when the signal is weak.
- One step memory programming of present radio pushbuttons.
- Full logic computer controlled.
- Negative liquid crystal display for all tape and radio functions.
- Front/rear fader.
- "Key off" tape pause.
- Logic control tape fast forward and rewind.
- Tape forward scan.
- Bi-directional tape seek.
- Auto reverse cassette mechanism.
- Automatic tape cleaning indication (every 15 hours of tape use).
- Dolby B* tape noise reduction.
- "Soft load/eject" cassette mechanism.
- 120 μ sec. and 70 μ sec. automatic tape equalization.

THE PEUGEOT THEFT DETERRENT PROGRAM

The elements of the Peugeot Theft Deterrent Program have been designed in cooperation with law enforcement authorities to not only help thwart theft of your radio, but to also reduce the market for stolen radios.

Please read this section of the Owner's Manual very carefully and completely to obtain the maximum benefit from each element of this program.

COMPUTERIZED PROTECTION

The microprocessor controlling your radio is assigned a 5 digit "anti-theft code" as printed on the identification cards on the last page of this manual. Should the voltage supply to your radio become disconnected (due to theft or electrical repairs), or become very low (due to insufficient battery charge), the radio and cassette will not operate when voltage is later restored. The display will show the word "code:" Unless a 5 digit "anti-theft code" assigned to *your radio* is entered as outlined in the next paragraph, the radio will not operate, therefore reducing the market potential for stolen radios. It is extremely unlikely that the correct 5 digit code can be guessed.

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ANTI-THEFT CODE ENTRY

1. When “code” appears in the display, the 5 digit “anti-theft code” printed on the two “anti-theft code” radio identification cards must be entered using the radio pushbuttons numbered 1 to 5.
 - a. If a “beep” is heard while entering the 5 digit code, STOP. Begin the code entry again.
 - b. If an error is made in code entry, repeatedly press any of the 5 pushbuttons until a “beep” is heard, then *STOP*. Begin the code entry again.

NOTE: If the assigned “anti-theft code” is not entered in three successive tries, the microprocessor will not accept any more code entries unless it is allowed to continuously remain on for one hour. After one hour of “on” time, it will again accept only three additional tries and this process will repeat itself.

2. Remove both code cards from this manual. Place one in the primary driver’s wallet, and one with the title papers to ensure that the next owner receives the “anti-theft code” cards if the vehicle is subsequently sold. **DO NOT LEAVE THE CODE CARDS IN THE VEHICLE.**
3. In the event electrical repairs to your vehicle become necessary, you may wish to give the “anti-theft code” to the repairing facility to enable them to reprogram your radio.
4. If the “anti-theft” radio identification cards are lost, etc., contact a Peugeot dealer of your choice. You may be charged for labor to remove and reinstall the radio to ascertain the radio serial number.

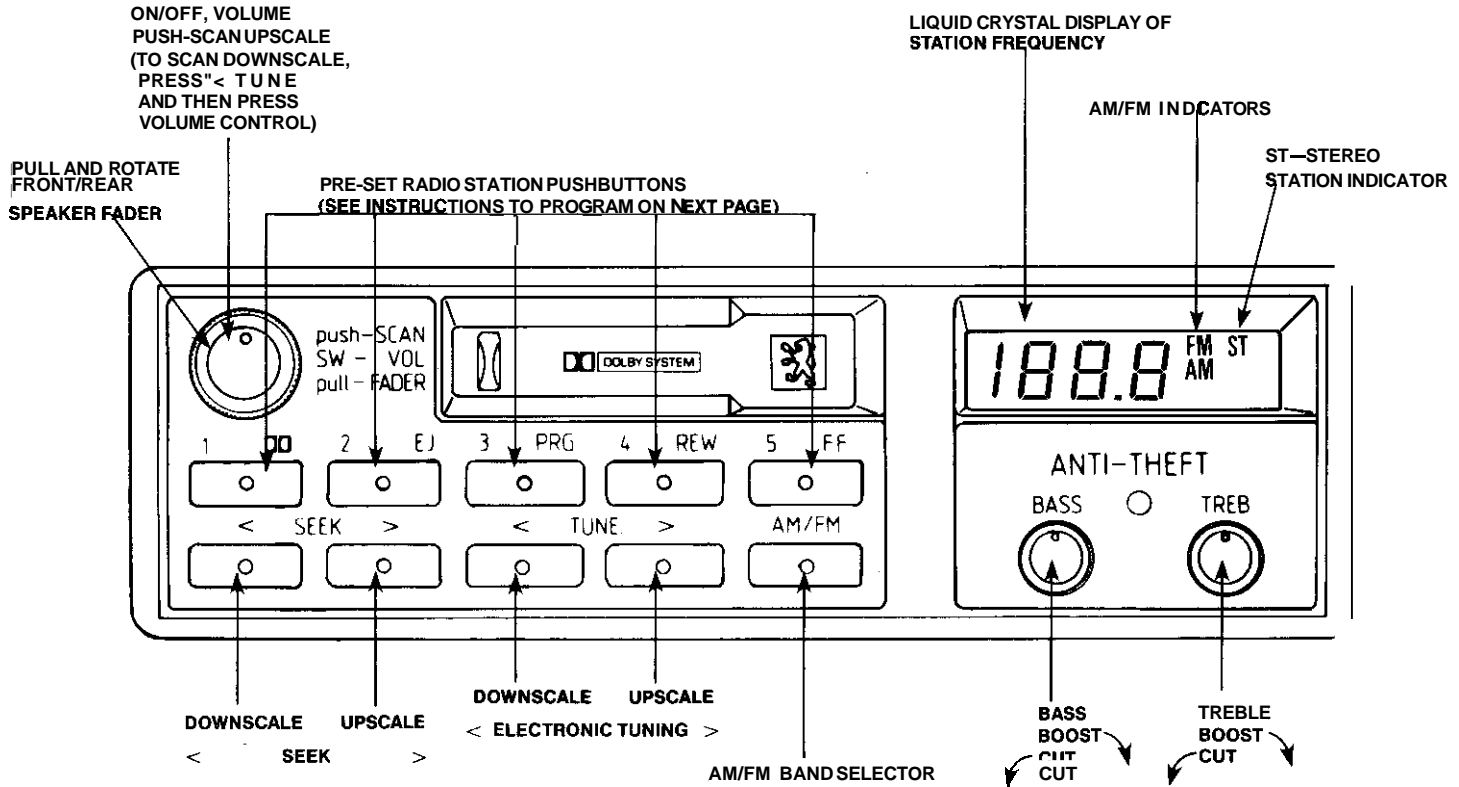
WARNING: Proof of vehicle ownership and proper identification (valid driver's license) must be verified by Peugeot dealer personnel. This information must be given by authorized dealer personnel only to Peugeot Motors of America before radio "anti-theft" codes will be released by Peugeot Motors of America. This is necessary for your protection.

THWARTING THIEVES

The following measures are to be taken to thwart attempts to steal your radio and will require your active participation:

- a. Warning decals—remove the two "warning decals" from the back cover of this manual and place them on the side windows near the door locks in compliance with federal, state and local regulations.
- b. Hang tag—place the hang tag over the inside rear view mirror to warn thieves to help avoid vehicle break-in when the vehicle is unattended.
- c. Flashing LED—when the ignition key is removed, a red LED will flash continuously to serve as a warning to thieves.
- d. Anti-removal feature—if any radio pushbutton is touched with the ignition key removed, the radio will "beep" for 5 minutes. Should this feature be activated accidentally, simply turn the ignition "on" momentarily and the beeping will stop.
- e. Radio non-saleability warning decal—should a thief remove your radio, a decal located on the top of the radio chassis will warn him that your radio is an "anti-theft" unit and therefore not readily saleable.

RADIO MODE CONTROL OPERATION AND LOCATION



RADIO MODE OPERATION

1. For "onestep" reprogramming of preset radio station pushbuttons:
 - a. Tune in desired station.
 - b. Push and hold desired pushbutton 1-5. After 1½ seconds, an audible "beep" will sound and the set station will be automatically "memorized."
 - c. 5 FM and 5 AM stations can thusly be "memorized."
 - d. The LED on the pushbutton pressed will exhibit a red/orange color to distinguish it from the others.
2. **SCAN**
Medium to high strength radio stations can be listened to for seven seconds in the "scan mode" as follows:
 - a. Up-scale, press the volume control
 - b. Down-scale, press "> tune" and then the volume control.

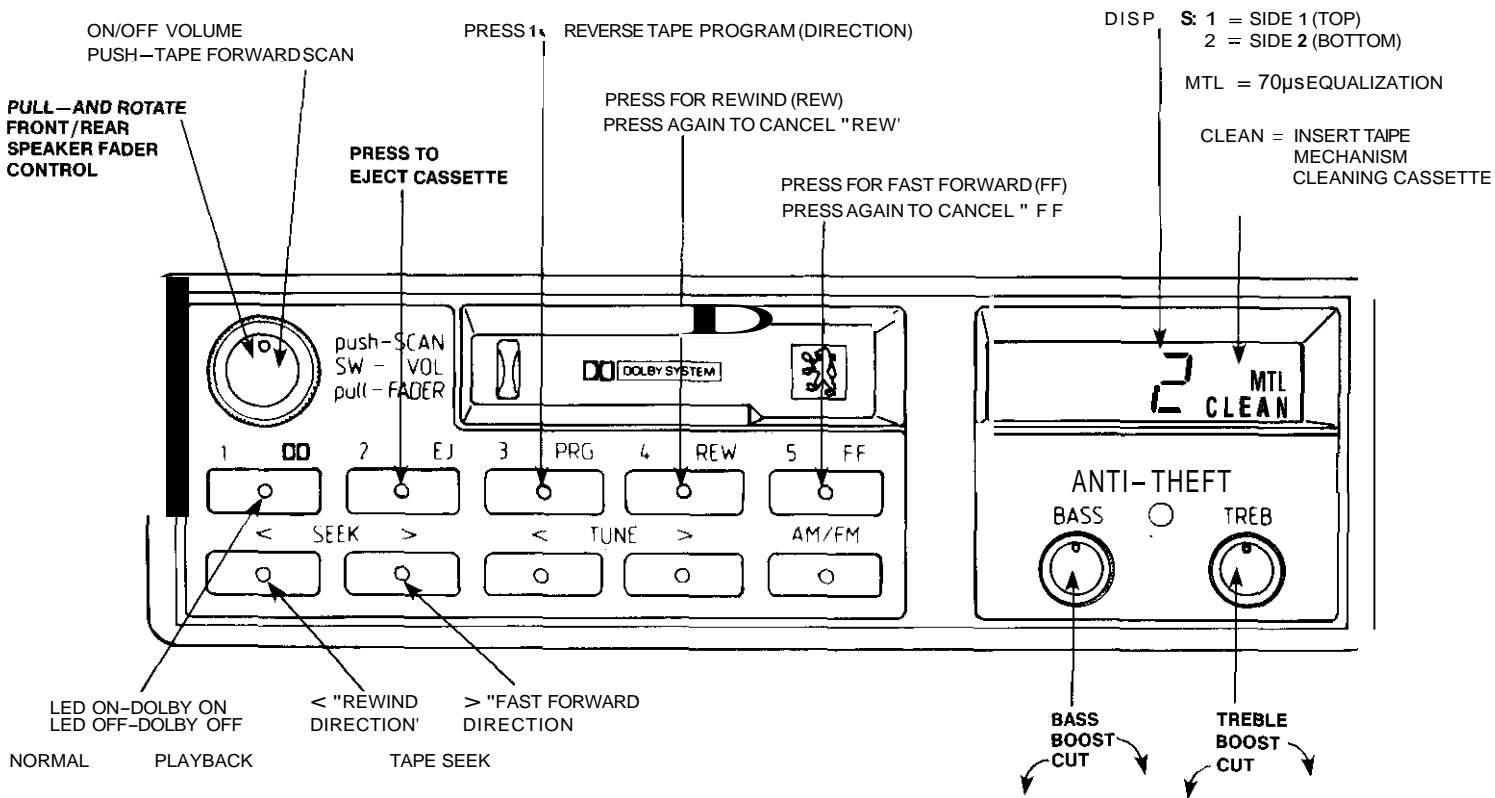
To stop scanning when the desired station is reached, press the volume control again during the seven second pause.

3. **SEEK**
The radio will automatically tune to the next station of sufficient strength if the "seek buttons" in either the ">" (upscale) or "<" (downscale) directions are pressed.
4. **FM RECEPTION**
FM signals reflect off or are blocked by hills, tall buildings, etc. Therefore, occasional hissing and fluttering noises can result. FM signal strength diminishes rapidly after 25 miles from the transmitter.

AM RECEPTION

AM signals are reflected by the ionosphere and bend around obstacles. They are affected by weather and the time of day. It is not unusual to receive stations at night from several hundred miles away. These strong different signals can therefore affect the "SEEK" and "SCAN" functions at night

TAPE MODE CONTROL OPERATION AND LOCATION



NOTE: PROPER TAPE EQUALIZATION IS AUTOMATICALLY SELECTED BY THE COMPUTER.

TAPE MODE OPERATION

1. COMPUTER CONTROL

The insertion of a cassette with the radio "on" will automatically switch the unit from the "radio" to the "tape" mode.

The display will indicate program "1" if the top side of the cassette is playing and program "2" if the bottom side is playing.

Regardless of which side is playing, the computer logic will automatically select the proper direction for "fast forward" or "rewind."

CAUTION:

Allow the vehicle interior to cool (or heat up) to normal temperatures BEFORE inserting a cassette.

2. DOLBY B NOISE REDUCTION

The level of inherent "HISS" in cassette tape is reduced by encoding the tape with Dolby' noise reduction. Use of the Dolby button with non-Dolby' encoded tapes will reduce high frequency response. Use of Dolby encoded tapes without the Dolby function will result in an artificial intensification of high frequencies. This unit is designed to operate properly with both non-Dolby' or Dolby B* encoded tapes.

3. TAPE "SEEK"

If you wish to hear the next tape selection, press the "> seek" button. If you wish to hear the current selection again, press the "< seek" button.

4. TAPE "SCAN"

Tape selections can be "scanned" by pressing the volume control. The tape will fast forward only to the

beginning of each selection. The selection will play for seven seconds and then fast forward to the next selection, etc. To stop "scanning," press the volume control again. TapeScan does not work in the "rewind" direction.

NOTE:

In order for the tape "seek" and "scan" functions to operate properly, there must be at least 3 seconds of silence between musical selections.

Seek and Scan will not function properly if:

- A. Excessive record noise or hum is present between home recorded tape selections.
- B. Sound programs are intermittent, such as lectures, news broadcasts, or music selections with more than 3 seconds of silence between passages.
- C. Home-recorded programs with less than 3 seconds between selections are utilized.

5. TAPE EQUALIZATION

The computer automatically selects the proper tape equalization:

Normal tapes-120 μ sec--"MTL" in display "OFF:

Chrome, metal-70 μ sec-"MTL" in display "ON:"

6. TAPE PAUSE

The pinch roller tape drive mechanism will automatically retract when the ignition key is turned off, i.e., go into a "pause" mode. This will prevent flat spots on the drive without requiring the tape to be reinserted again as required on units without this feature.

When the ignition is again turned on, the tape will again begin playing.

PRECAUTIONS

1. Use only high quality C60 tapes. C90 and C120 tapes are of insufficient thickness and therefore lack the strength to cope with the extreme variations in vehicle interior temperatures encountered.
2. Always place your tapes into their individual plastic case and store them in a multi-cassette holder to protect them against dirt, dust, and excessive heat from direct exposure to the sun, etc.
3. Do not expose the tapes to excessive heat **or** magnetic sources such as electric motors, permanent magnets, or TV sets.
4. Remove slack from the tape by inserting a pencil or similar object into the cassette spindle and turning it until all slack is removed before the cassette is inserted into the radio. Failure to do **so** can result in tape breakage.
5. Do not insert foreign objects into the cassette slot.

MODIFICATIONS

This unit is designed only to operate with the speakers provided. The installation of a power booster or equalizer may damage the unit. Damage as a result of modifications may not be covered by the appropriate warranty.

MAINTENANCE

“Clean” in the display will flash for 30 seconds and the radio will emit a beeping sound for 10 seconds after each 15 hours of tape playing time. This is a reminder to insert a tape cleaning cassette to clean the playback head and capstan.

Failure to clean the unit will gradually result in **loss** of high frequency response and ultimately distortion.

SPECIFICATIONS

Power Amplifier

Maximum Output	30W
Output	4.4 W x 4Ch into 4 Ω load 100 Hz to 20,000 Hz at 1% THD
Total Harmonic Distortion	0.1 % at 1 W
Frequency	20 Hz—20 kHz
Response	± 1 dB
Signal/Noise Ratio	80 dB

Tone Controls

Bass	± 12 dB at 100 Hz
Treble	± 12 dB at 10 kHz

FM Stereo Radio

Frequency Range	87.9—107.9 MHz
Usable Sensitivity	15.3dBf (1.6 μ V)
Signal/Noise Ratio	65 dB
Image Rejection	50 dB
Spurious Rejection	70 dB
Capture Ratio	2 dB
Stereo Separation	40 dB (1 kHz)
Stereo Distortion	0.5%
Intermediate Frequency	10.7 MHz

AM Radio

Frequency Range	530 kHz-1620 kHz
Intermediate Frequency	450 kHz
Sensitivity 20 dB S/N	16 μ V
Selectivity	50dB(+10kHz)

Tape Player

Fast Forward Time	75 sec. (C-60)
Rewind Time	75 sec. (C-60)
Frequency Response	40 Hz to
Normal	14,000 Hz ± 3 dB
Frequency Response	40 Hz to
Metal	15,000Hz f 3 dB
Wow and Flutter	0.07% (WRMS)
Stereo Separation	40 dB
Signal/Noise Ratio	55 dB
*Dolby® Effect	10 dB

NOTE: SPECIFICATIONS SUBJECT TO
CHANGE WITHOUT NOTICE

NOTES:



PEUGEOT

Anti-Theft Radio Identification Card

If "beep" heard while entering code,
stop and begin code entry again

Anti-Theft Code

5 3 1 4 2

Your Radio
Serial Number

B 8 0 9 1 1 6 4 1 A

r

1

1

r

L

1

i

1

PEUGEOT

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