

# TOYOTA

## SERVICE BULLETIN

TOYOTA MOTOR SALES, U.S.A., INC.

VOLUME

9

REFERENCE AUDIO  
NUMBER 007  
DATE 07-15-88  
MODEL ALL MODELS

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### AUDIO SYSTEM TROUBLESHOOTING GUIDE

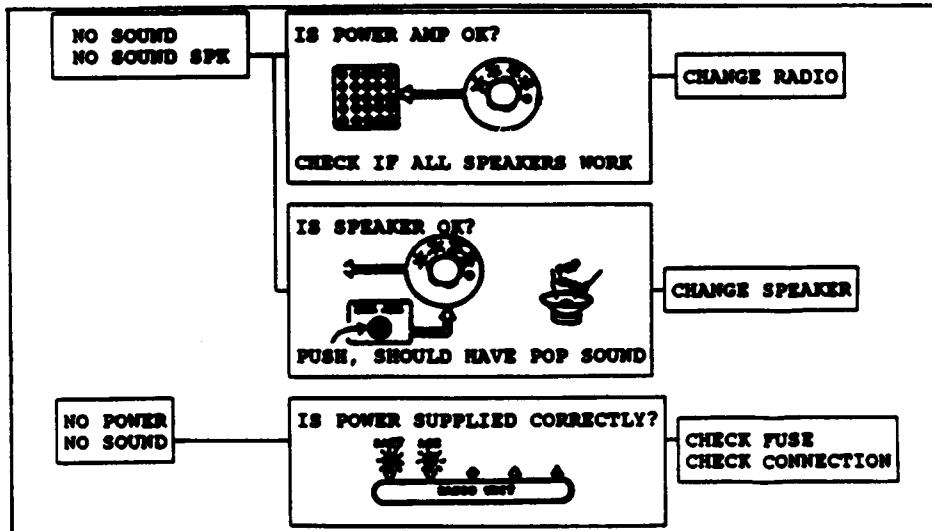
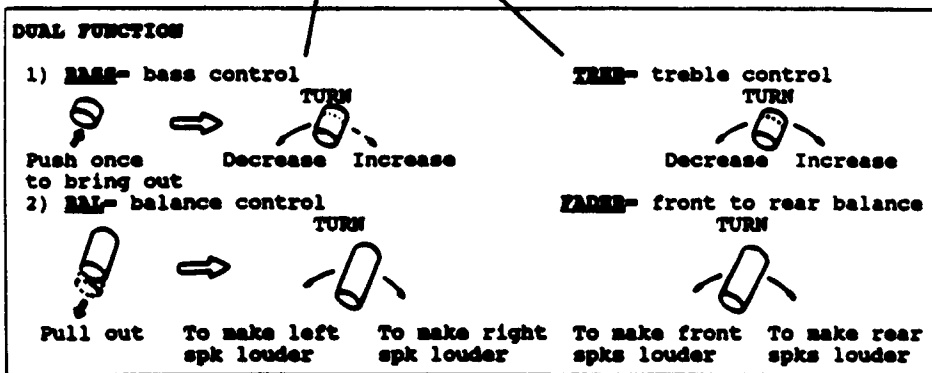
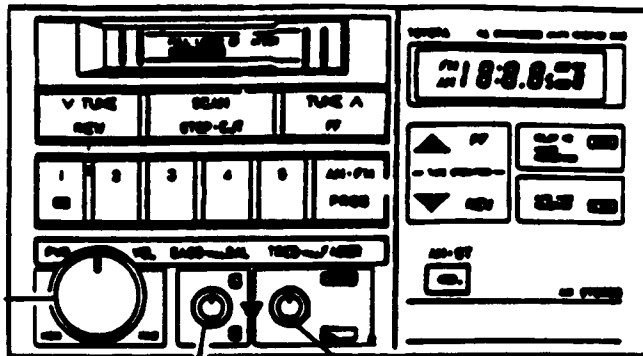
The following troubleshooting guide has been developed to provide vehicle on-board diagnosis of audio related problems.

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## AUDIO SYSTEM TROUBLESHOOTING GUIDE (CONT'D)

# NO SOUND?

Check that both the **BAL** and **FADER** knobs are set at their center positions. Since the **BAL** and **FADER** knobs have a double-function feature, the customer may not know how to operate them correctly.

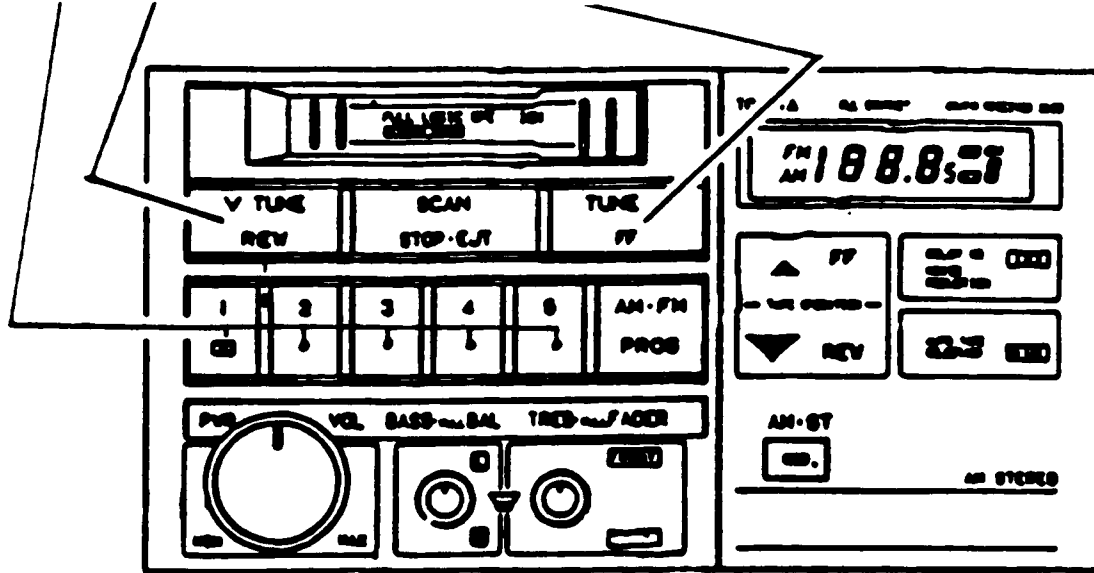


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## AUDIO SYSTEM TROUBLESHOOTING GUIDE (CONT'D)

# NO PRESET MEMORY? NO AUTO SEARCH?

PUSH UNTIL A BEEP SOUND IS HEARD.



Buttons marked 1–5 for station presets (5 FM/5 AM)

How to preset stations

- 1) Tune to a desired station by manual, seek, or scan tuning.
- 2) Press any one of the preset buttons until a beep is heard. The preset's number will appear in the upper right corner of the digital display, indicating the station has been memorized.

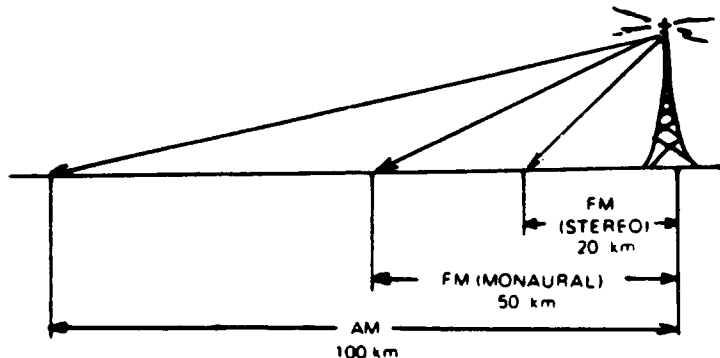
# LOSE MEMORY?

A weak battery may be the cause of the LOST MEMORY.

## AUDIO SYSTEM TROUBLESHOOTING GUIDE (CONT'D)

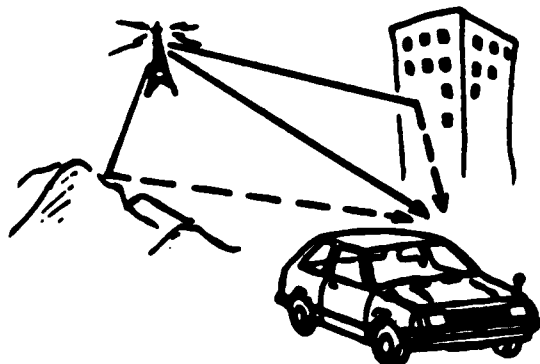
# RADIO RECEPTION PROBLEM?

**STATIC, FADING OUT, NO SEARCH STOP**



### MULTIPATH NOISE

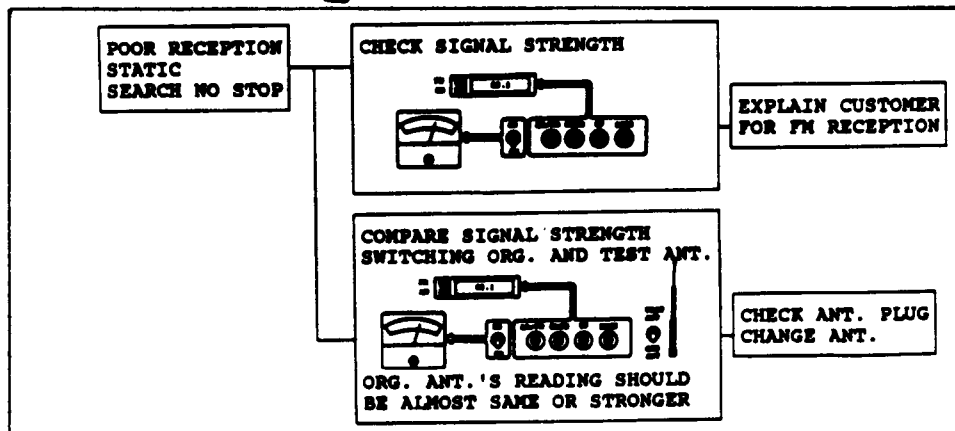
Because of the reflecting characteristics of FM signal like light, direct and reflected signals may reach the car antenna at the same time, which is so called "multipath effect". Sometimes they cancel each other out, causing dead spots. As the car moves through these spots, the listener will hear a noisy sound or fluctuation of sound. This is the same characteristics with so called "ghost" images on TV screen when reflections of TV waves are existing.



### FADING OUT

1. Fading out of FM signals caused by moving a car.

In weak signal or "fringe" areas, FM stations may fade out completely or fade in and out. When driving in weak signal areas, such as hills, valleys, tunnels, etc., unusual noise interference may come up. Pull the antenna up to the full length.



**AUDIO SYSTEM TROUBLESHOOTING GUIDE (CONT'D)**

**CASSETTE WON'T ACCEPT TAPES?  
CASSETTE WON'T EJECT TAPES?  
CASSETTE HAS NO POWER?**

**RESET PROCEDURE**

If you have....

NO EJECT, NO POWER, WON'T ACCEPT TAPE,

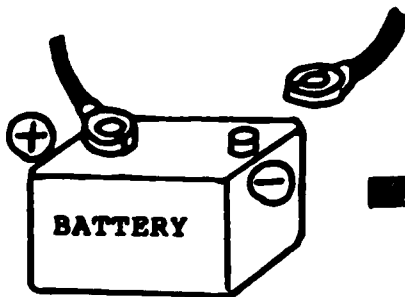
STUCK ON ONE FUNCTION problem,

**RESET THE RADIO!!!**

BEFORE YOU REMOVE IT!!!

**PROCEDURE**

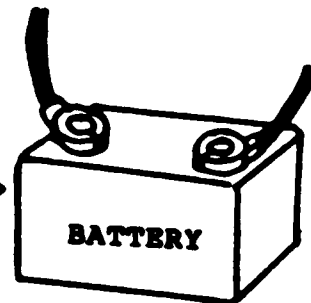
Disconnect the battery's negative terminal cable,  
wait thirty seconds, then reconnect.



**REMOVE NEGATIVE  
TERMINAL**



**WAIT FOR  
30 SEC.**

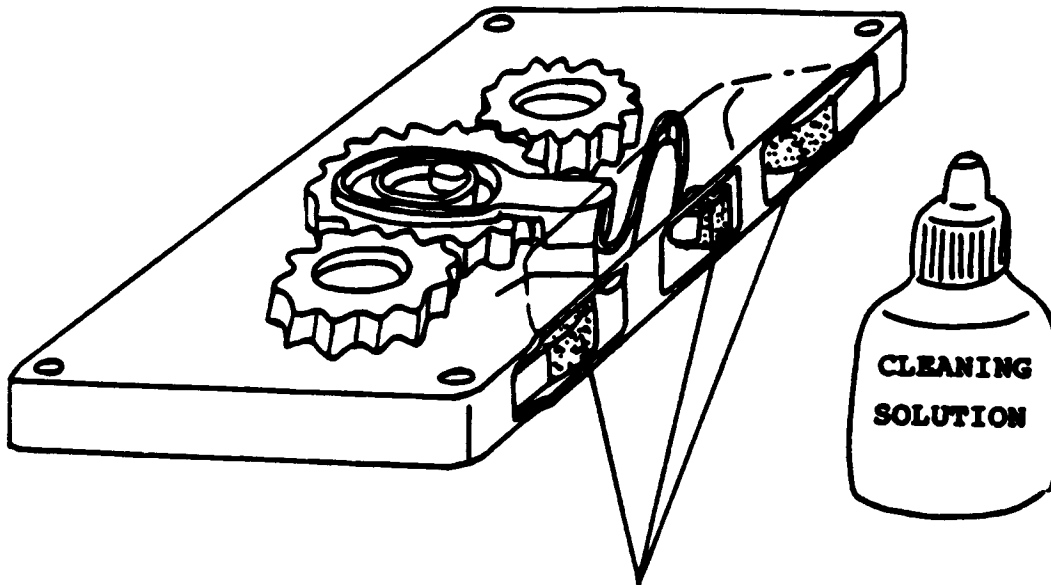


**RECONNECT TERMINAL**

**AUDIO SYSTEM TROUBLESHOOTING GUIDE (CONT'D)**

# **CASSETTE SOUND IS MUFFLED?**

**CLEAN HEAD!**



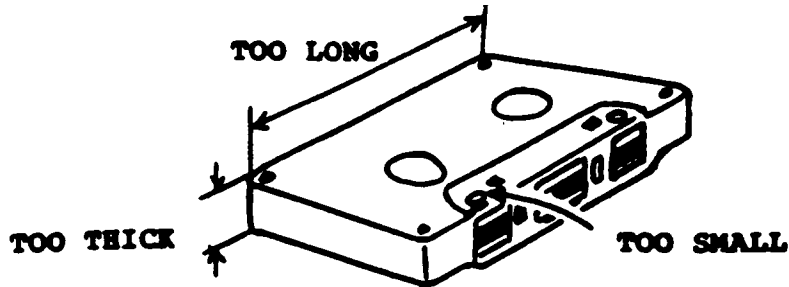
**CLEANING PADS**

**THIS KIND OF HEAD CLEANER IS RECOMMENDED.**

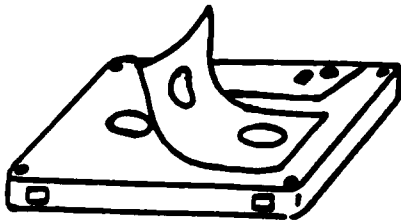
Clean your head! Use a good quality tape head cleaner regularly to keep the deck from getting dirty or gummed up. Depending on the use your tape player gets, one cleaning per 15 hours of tape play should be sufficient.

**AUDIO SYSTEM TROUBLESHOOTING GUIDE (CONT'D)**

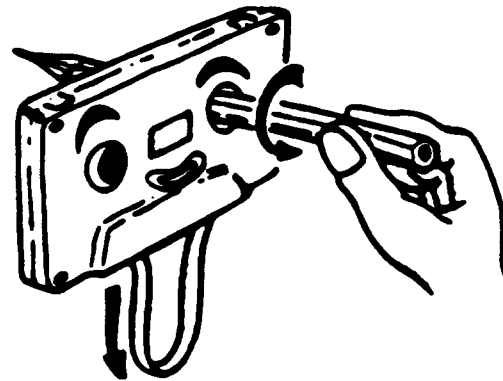
**CASSETTE WON'T EJECT TAPES?  
CASSETTE EATS TAPES?  
TAPE DIRECTION BACK AND FORTH?**



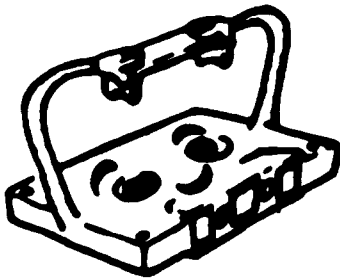
Use good quality tape. There are some tapes which shells are not standard size.



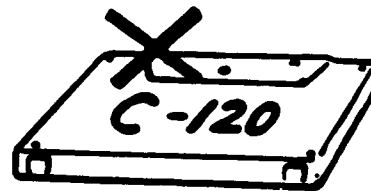
**PEELING LABEL**



**Wind loose tape back into the cassette**



**REMOVE CLAMP**



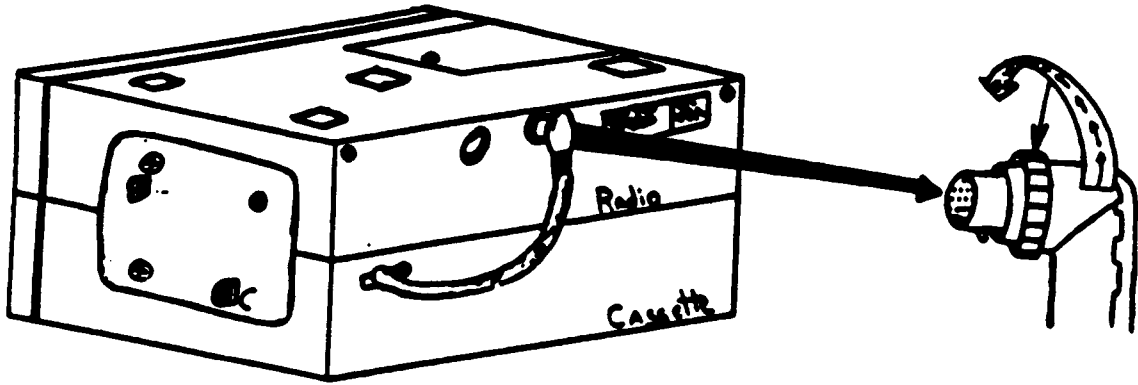
**DO NOT USE 120 MIN. TAPES**

**IF TAPE REMAINS STUCK, TRY RESET PROCEDURE, THEN TAKE THE UNIT FOR SERVICE. DO NOT TRY TO PRY OUT THE TAPE!!**

## AUDIO SYSTEM TROUBLESHOOTING GUIDE (CONT'D)

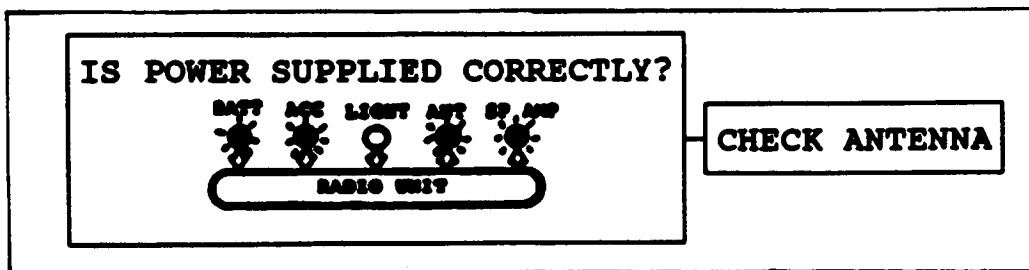
To avoid damaging the plug when removing the cassette for service,

### REMOVING CASSETTE DECK FOR SERVICE



TURN THE RING ON THE PLUG AS ILLUSTRATED,  
THEN PULL IT STRAIGHT OUT!!!

### ANTENNA WON'T GO UP?



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