Bose 6 pack CD AUDIO cut out repair

by: Chris.s@TMEC

Removal of the stereo from the dash…

Tools required:

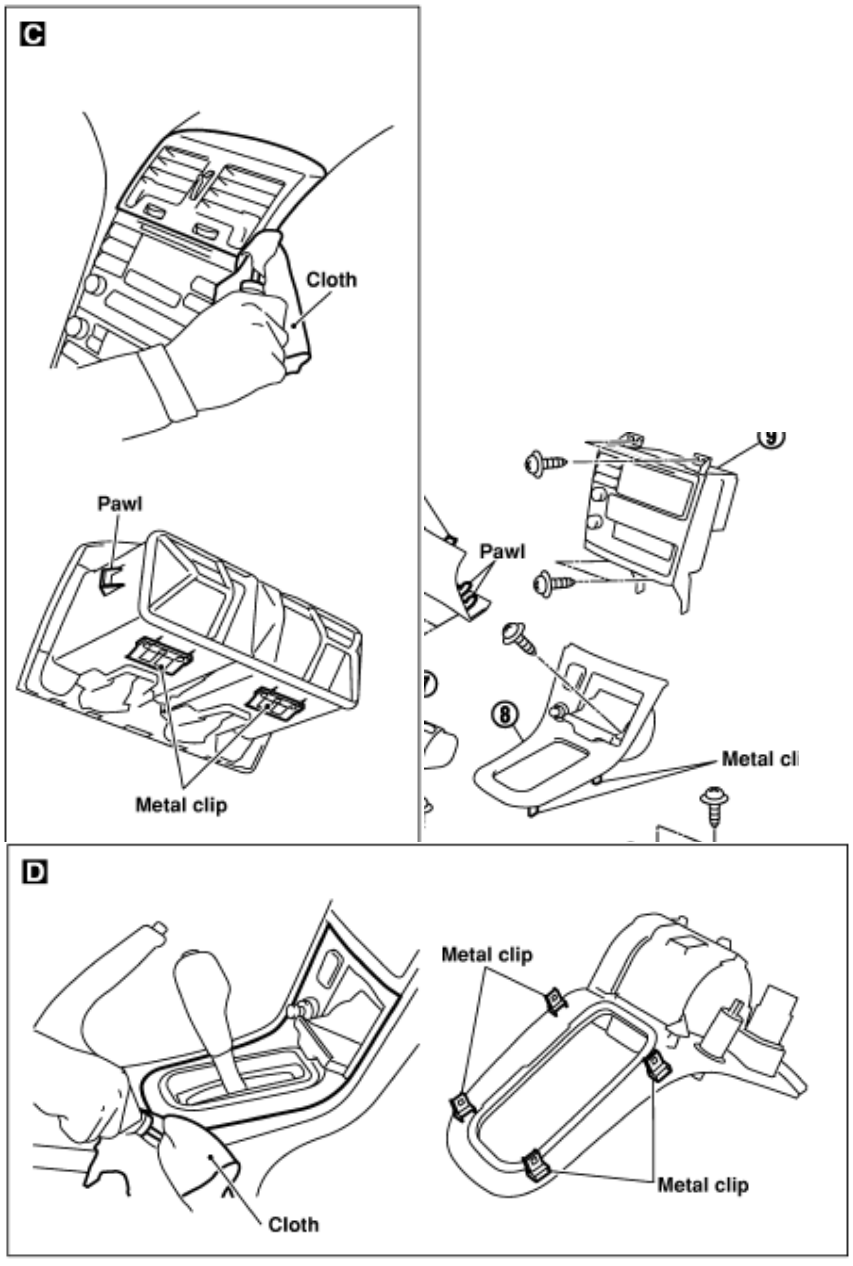
- **Large flat head screwdriver with a thick terry or 100% cotton cloth**
- **Phillips screwdriver**
- **Soldering iron with solder and wick (used to remove solder)**
- **Set of needle nose pliers.**

1. IMPORTANT!! Remove ANY TAPES AND ALL CDS from the changer!!!

2. Disconnect battery negative terminal

3. Remove the vent sash using the flat screwdriver with the cloth over top (if done carefully you should not damage your dash so don't worry)

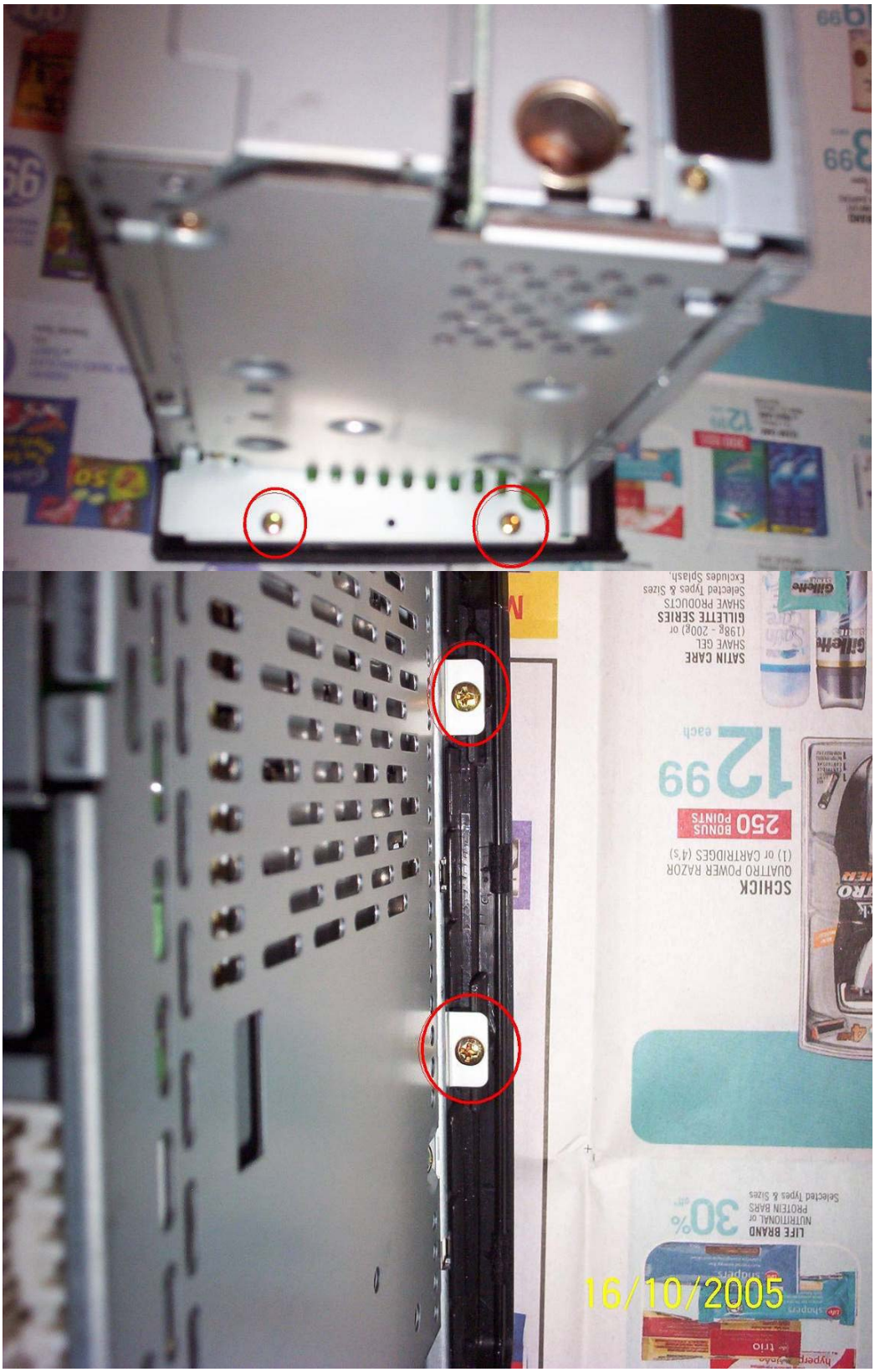
4. Pop out the shifter trim, put shifter in 4th (manual) or L(auto) to make removal easier.



5. Once you remove the 4 screws from the HU bracket pull the unit outwards and prop it up on either the shifter or dash so you can remove the harnesses.

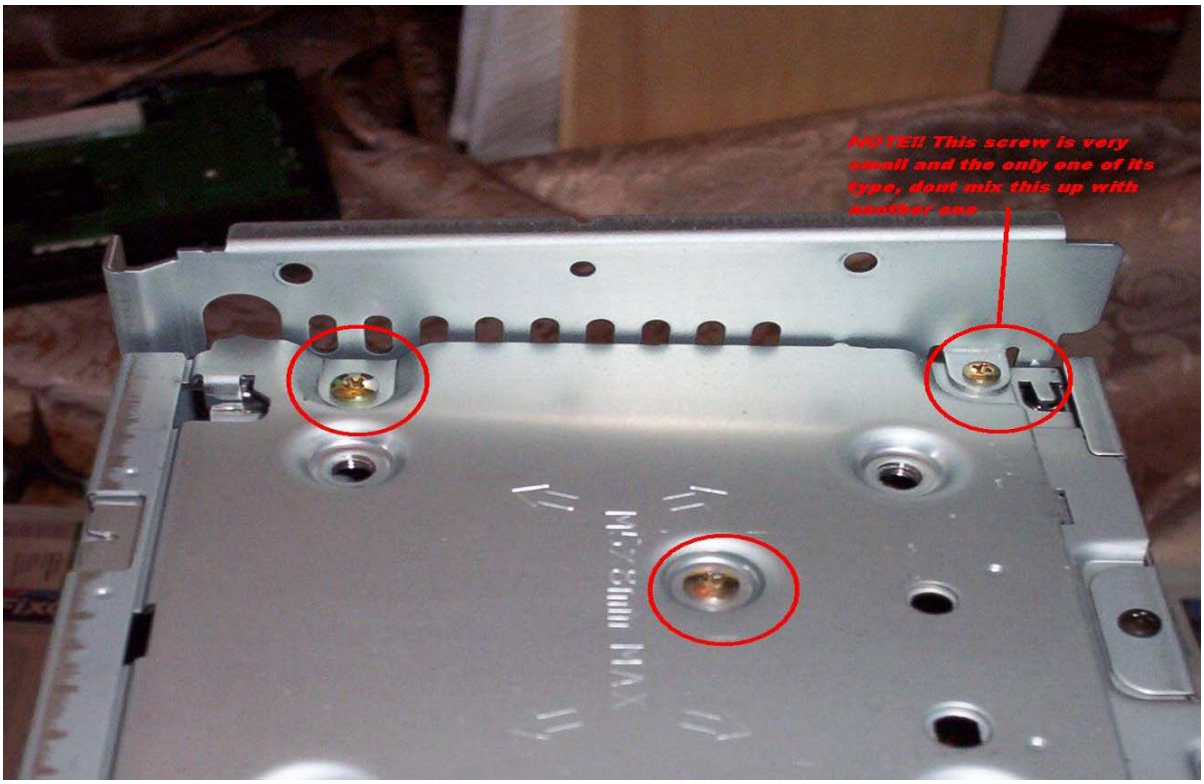
Stereo and climate control units removed from vehicle

Remove these screws. (you may need to use a ratchet)


SATIN CARE
SHAVE GEL
GILLETTE SERIES
SHAVE PRODUCTS
Selected Types & Sizes
Excludes Splash.
12 99 each
250 BONUS POINTS
SCHICK
QUATTRO POWER RAZOR
(1) or CARTRIDGES (4's)
LIFE BRAND
NUTRITIONAL or
PROTEIN BARS
Selected Types & Sizes
16/10/2005

Remove...

Use a flat screwdriver for these clips to remove the face.



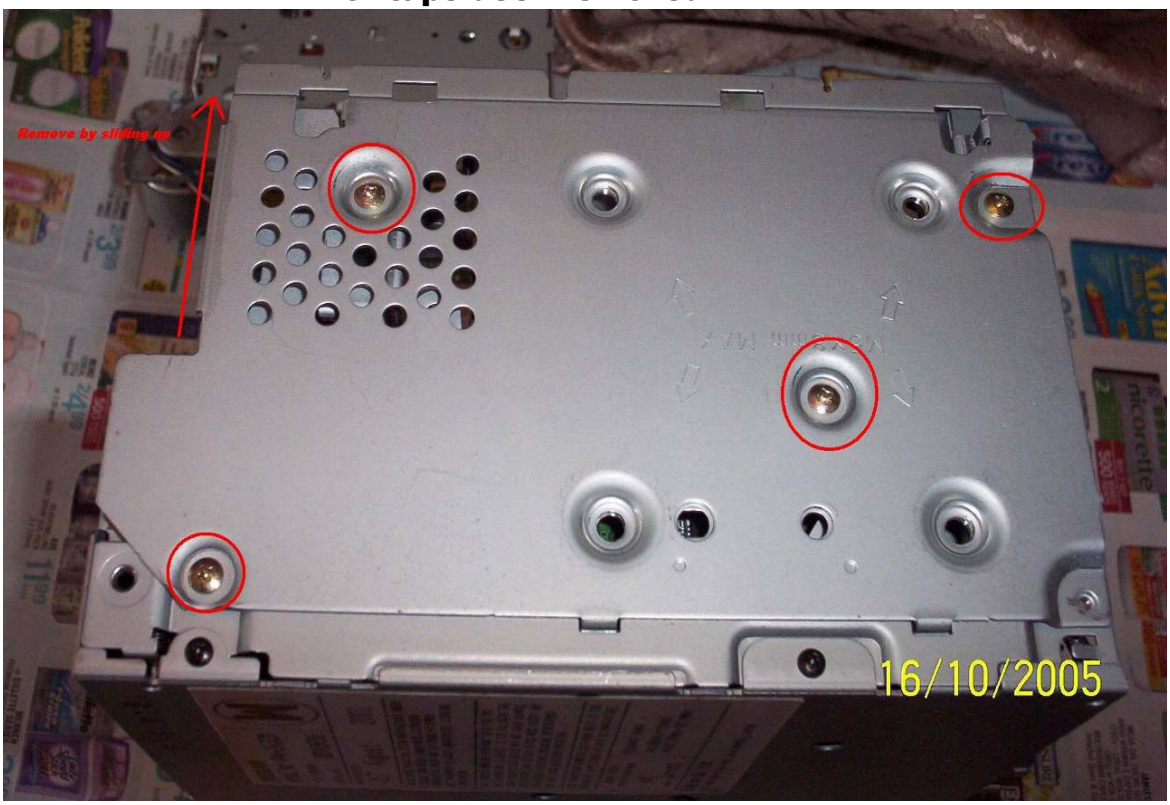
Remove these. The top right one is a really small screw.

Remove these. Don't remove the one circled in white

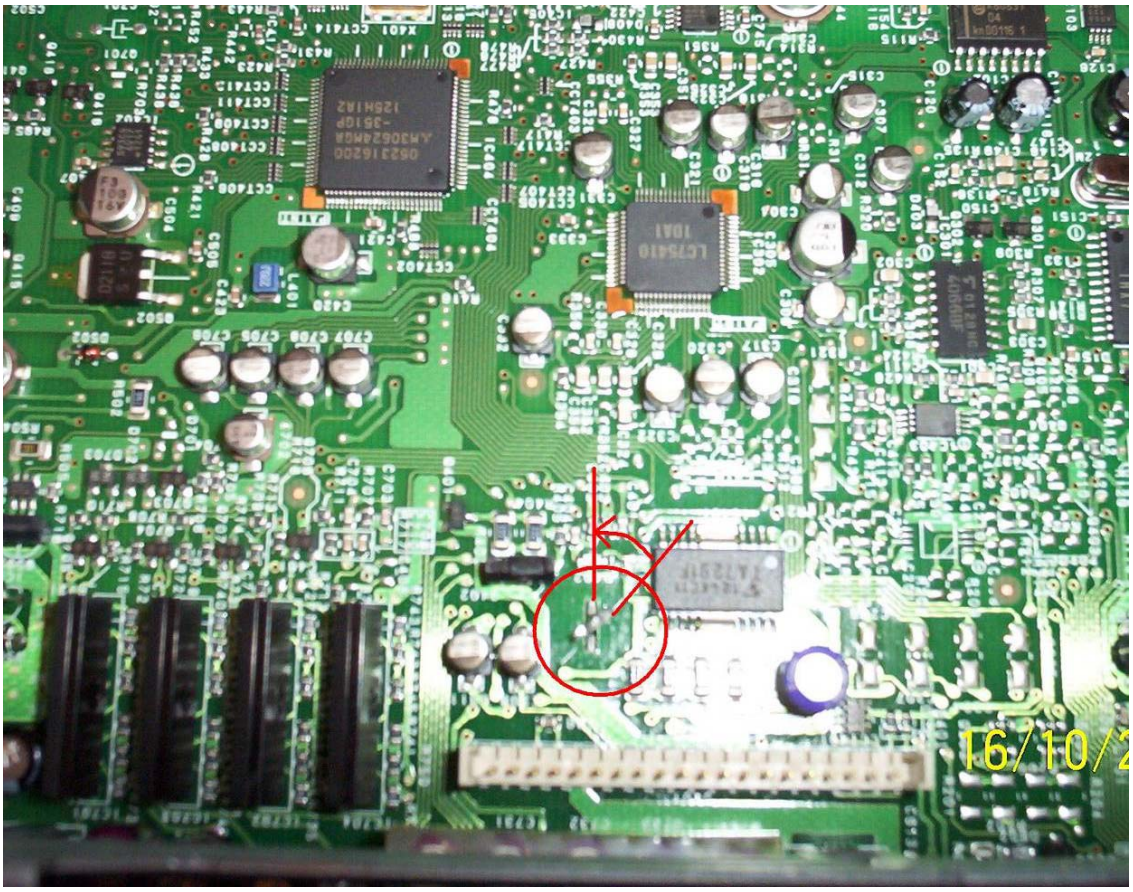
Use a screw driver to pop the plate off.

Once inside, remove the tape deck by removing the 4 circled screws and pulling up on the tape unit.

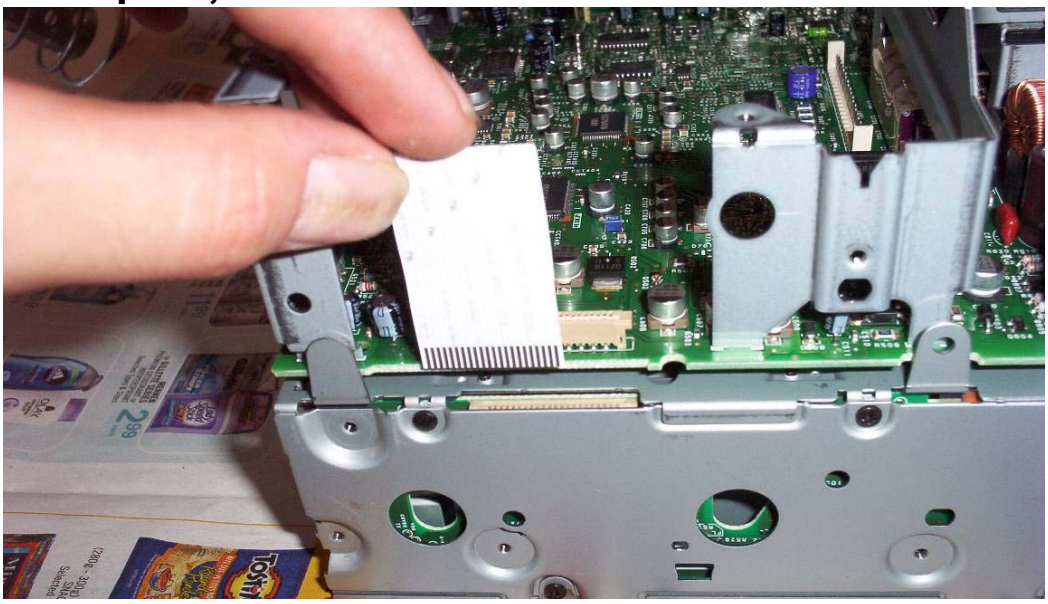
With tape deck removed....



Remove the screws holding the 2 side plates on. Remove these plates by sliding them upwards.
(opposite side not shown)



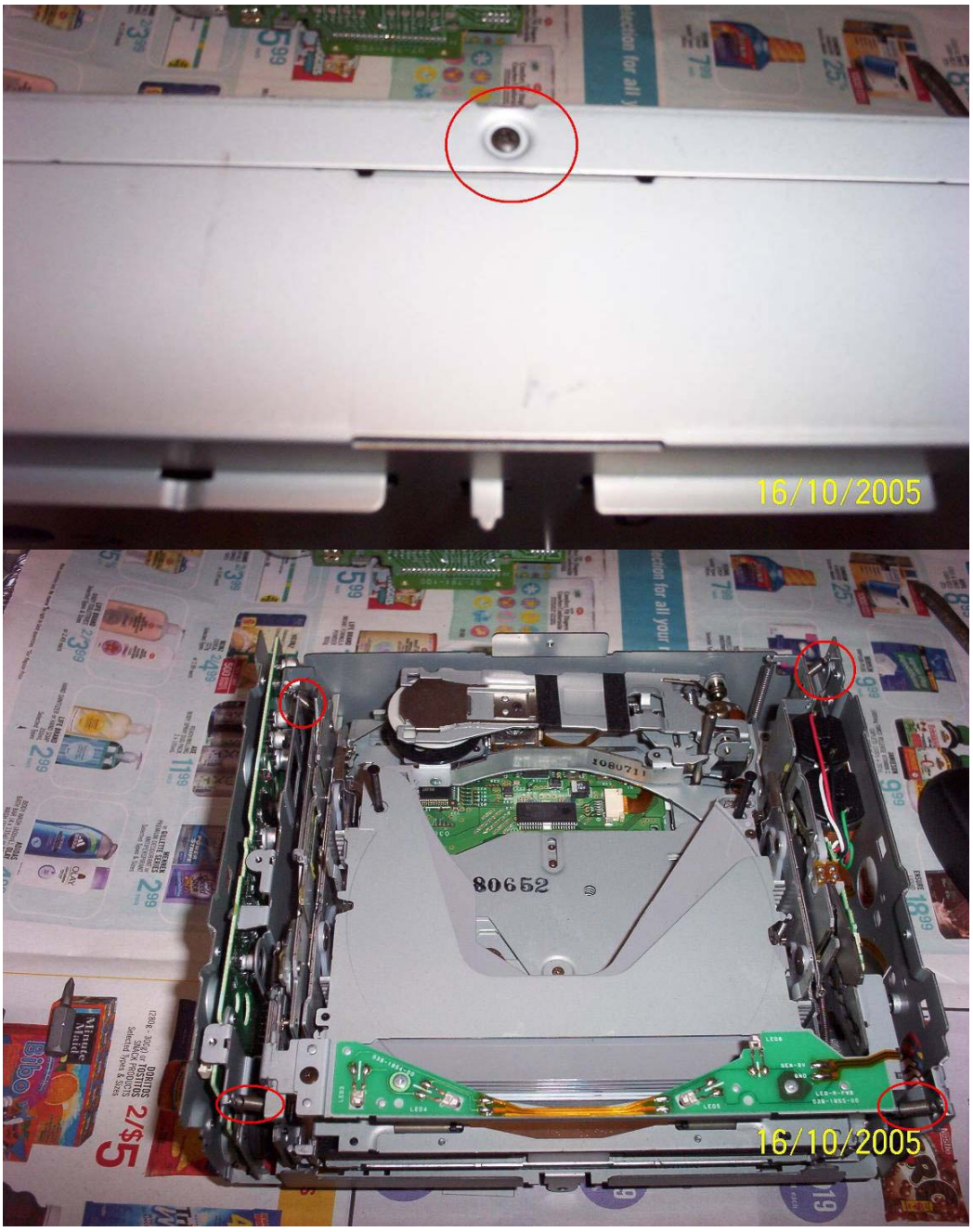
With pliers, twist this so it is inline with the slot on the PCB



Remove this ribbon cable by pulling it out.

You should now be able to pull the “Radio/tape” portion of the unit up and completely clear of the CD changer.

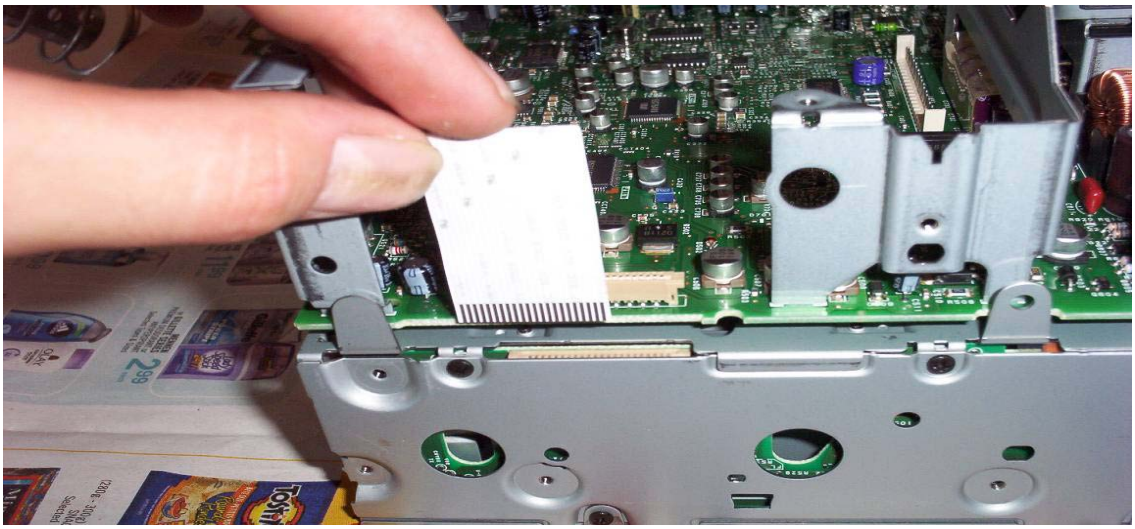
Begin removing the screws from the CD changer cover....



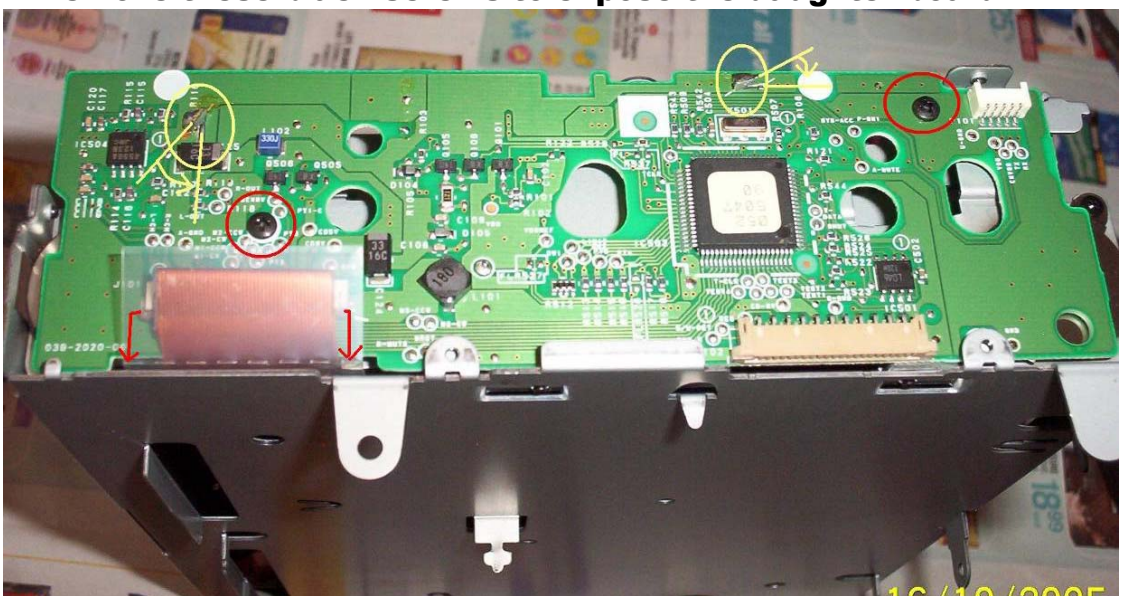
CD Changer with cover off…

Note:

The 2 plastic posts on either side of the laser “May” fall out during handling. Simply put them back before reassembly.



Remove these black screws to expose the daughter board.



1. Remove the 2 black screws from the board.

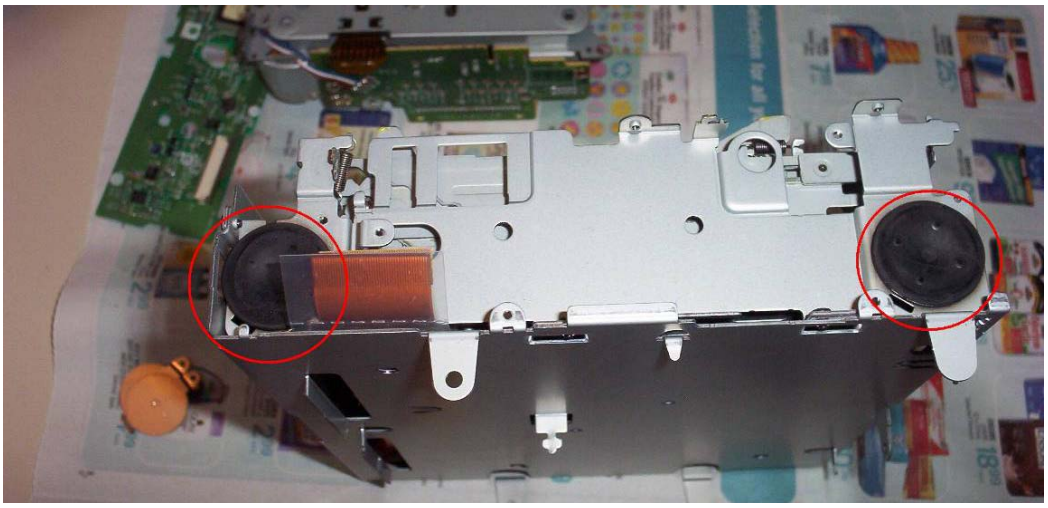
2. Desolder the 2 posts circled in yellow. Remove as much solder as possible using solder wick.

3. Unlatch the brown ribbon connector by <u>CAREFULLY</u> sliding the 2 leavers on either end away from the connector. This ribbon cable should slide out of the connector with close to 0 resistance.

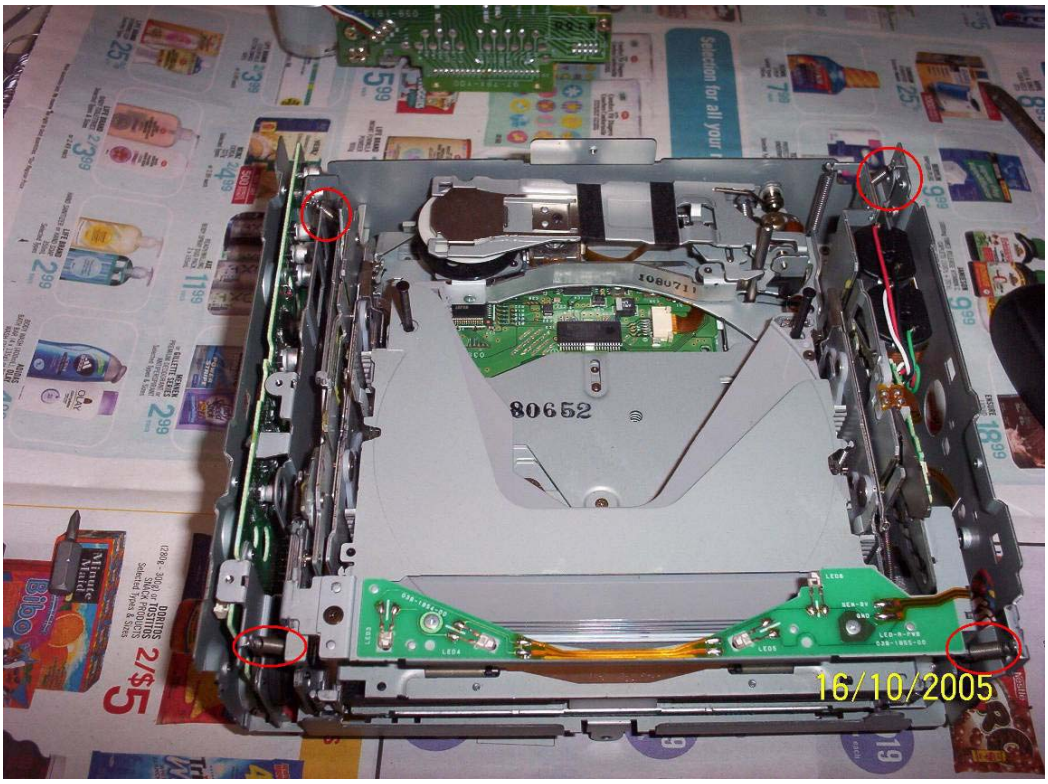
3. Bend the posts which were desoldered so that you can lift this PCB out.

*****This ribbon connector is one of 2 responsible for the audio cut out.*****

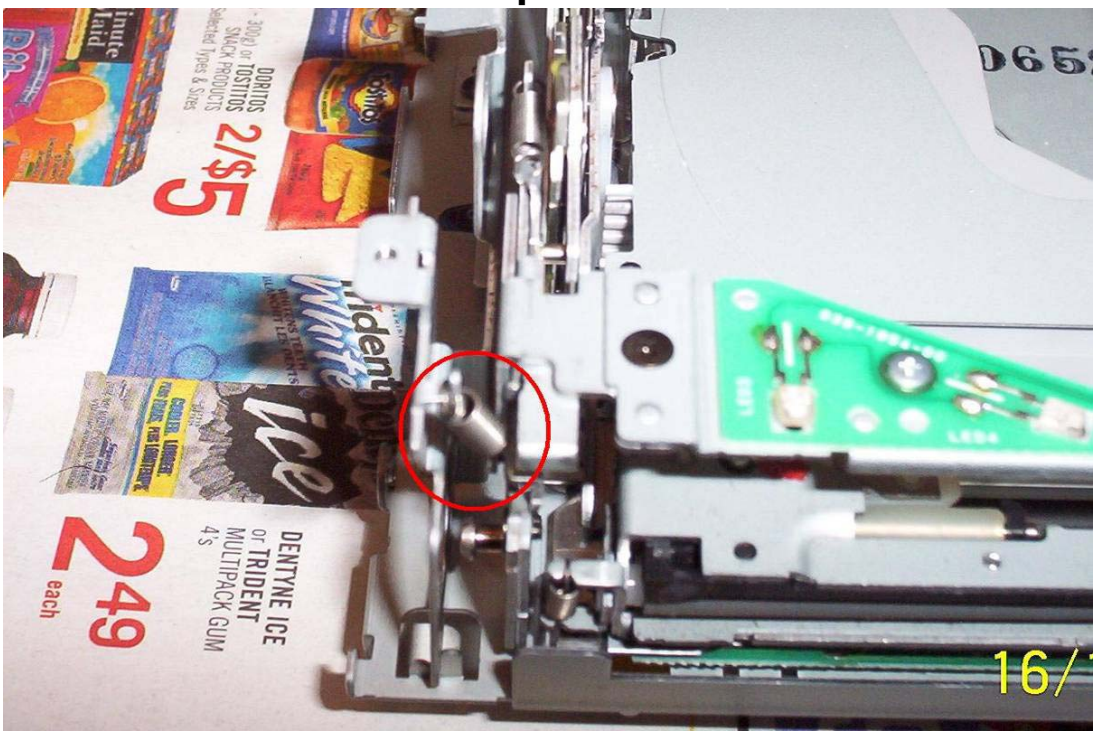
Put this aside.



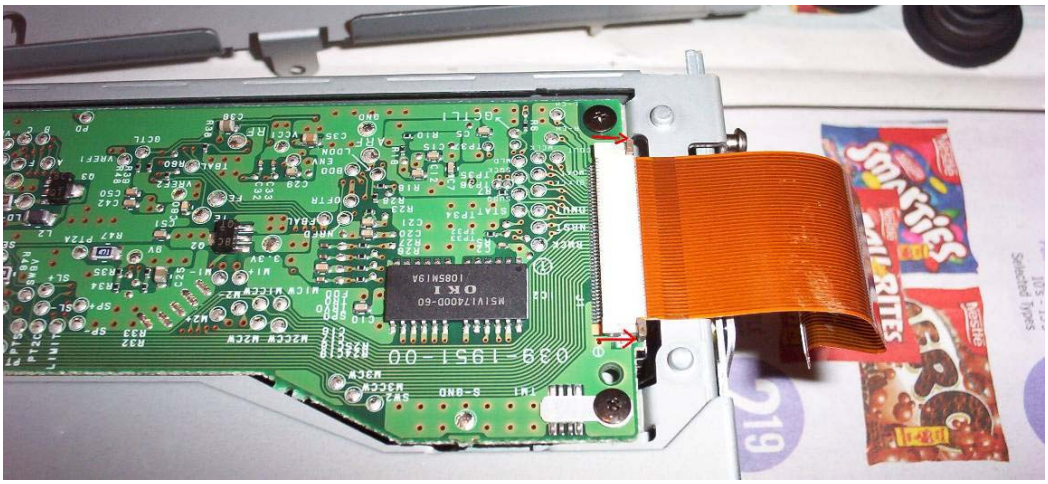
Remove the 2 screws and the steel plate covering the rubber mounts. (do this on both sides)



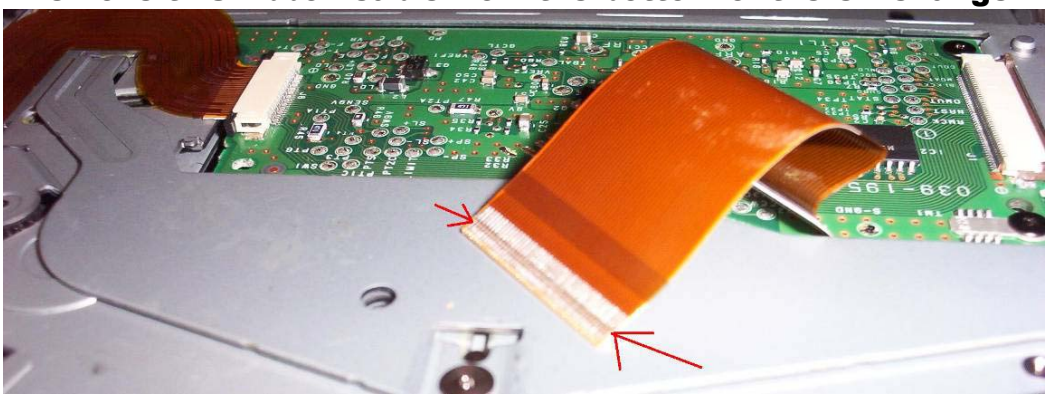
Remove these 4 springs carefully with a set of small needle nose pliers.



Remove the 4 rubber mounts from each corner. Be careful not to puncture these as they are liquid filled.
Remove the CD Changer from the chassis...



Remove this ribbon cable from the bottom of the CD changer



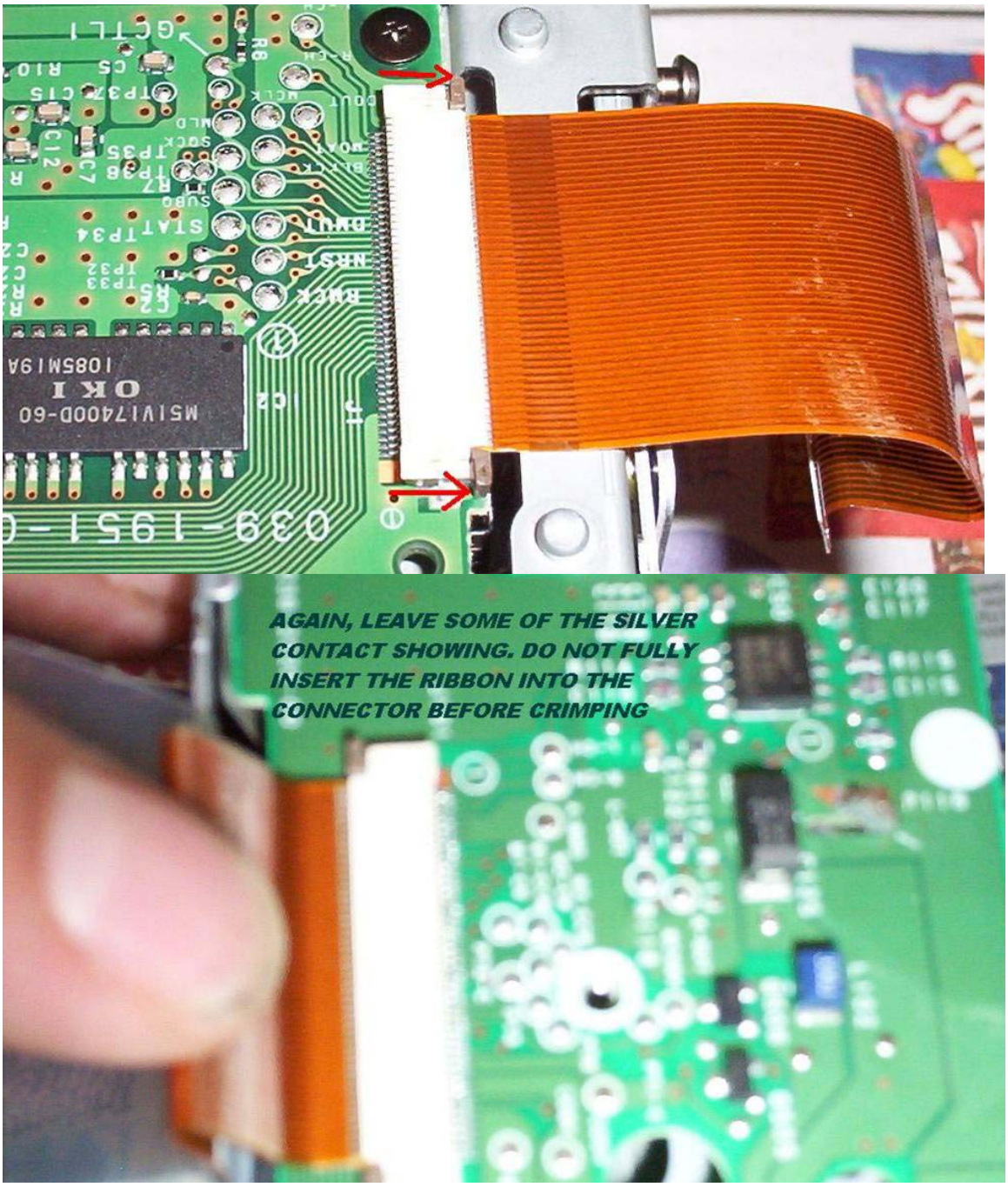
HERE IS THE PROBLEM!!!!

These types of semi-rigid cables are notorious for wearing and not making a complete connection in the connector type used. The contacts bend over time with the pressure from the contact pins. Since the ribbon is no longer in its original flat shape, a poor contact is made and therefore NO ***** AUDIO**

My “solution” is simple. Reseat the ribbon cable back into the connector but do not insert it fully. This way the pins are going to press on a “fresh” part of the ribbon.

Sadly I do not believe this is a permanent solution. However It has worked for myself and another. I would expect this to last at least as long as the original connection did.

A permanent and proper solution would be to solder brand new wires from one PCB to the other. This isn’t exactly easy. If I do experience another failure before I choose to replace the HU for something else then I will try it.



Here are pictures of how much to leave the connector out. They are not the best pictures but should be good enough. Do this for both sides of the ribbon cable.

Reassemble in the reverse order. (don't you hate that…)

When putting the rubber liquid filled mounts back in, make sure that each of the posts from the CD player assembly is completely inside the rubber hole.

Questions or comments: chris_rcc@hotmail.com