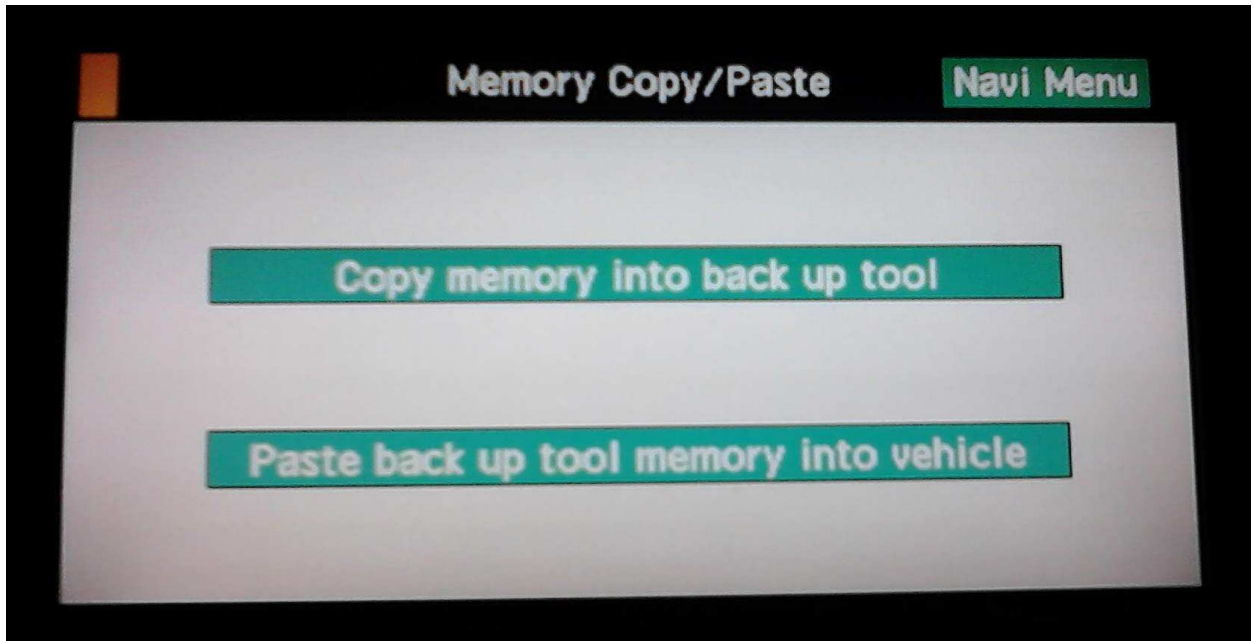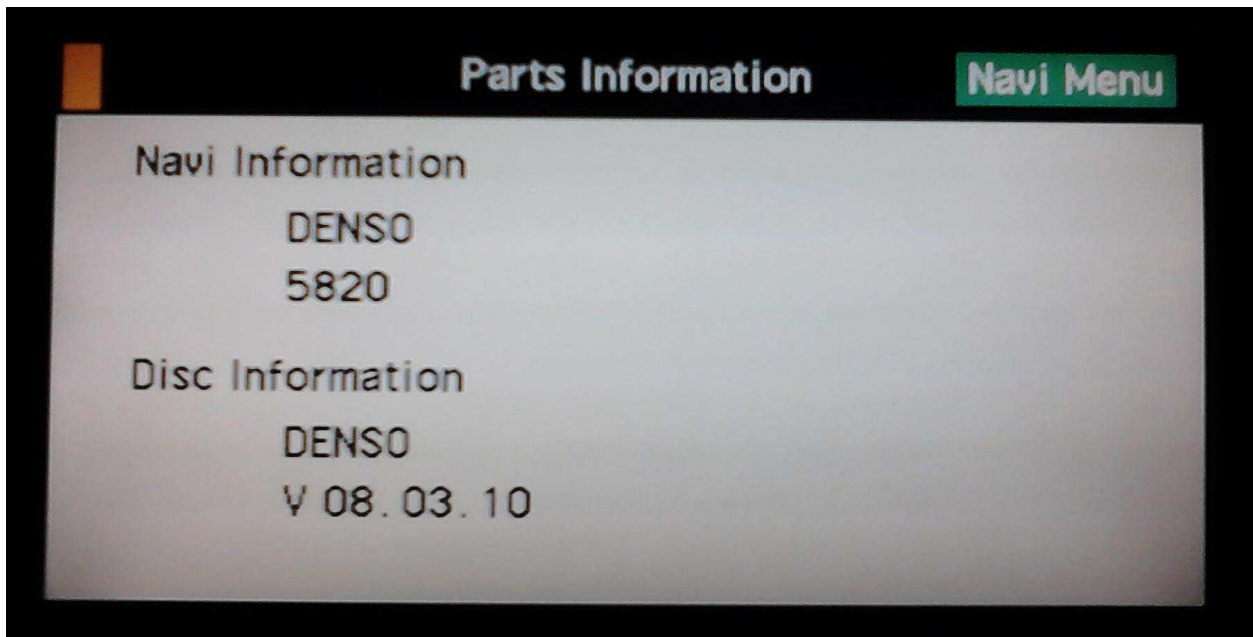**Navigation Check   -> Memory Copy/Paste**

Allows backup of the destinations, marked points, etc. in case the Nav ECU needs to be replaced. Both buttons give an error message if the tool is not inserted.
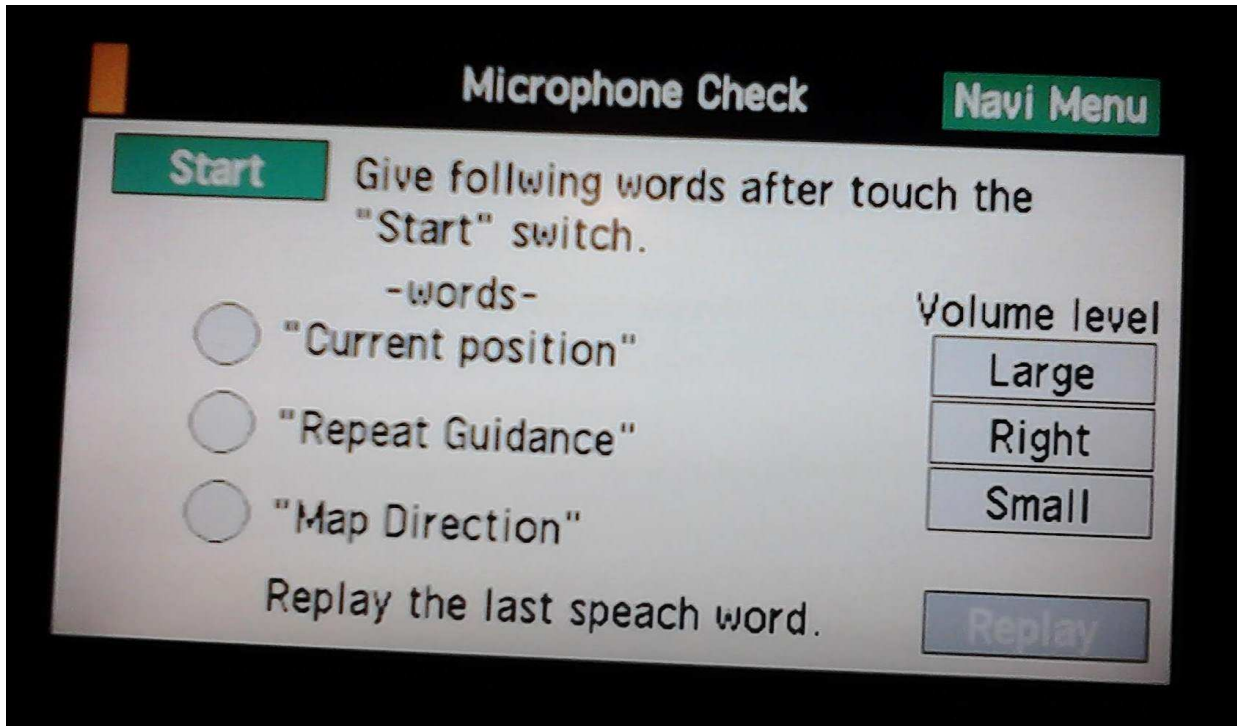

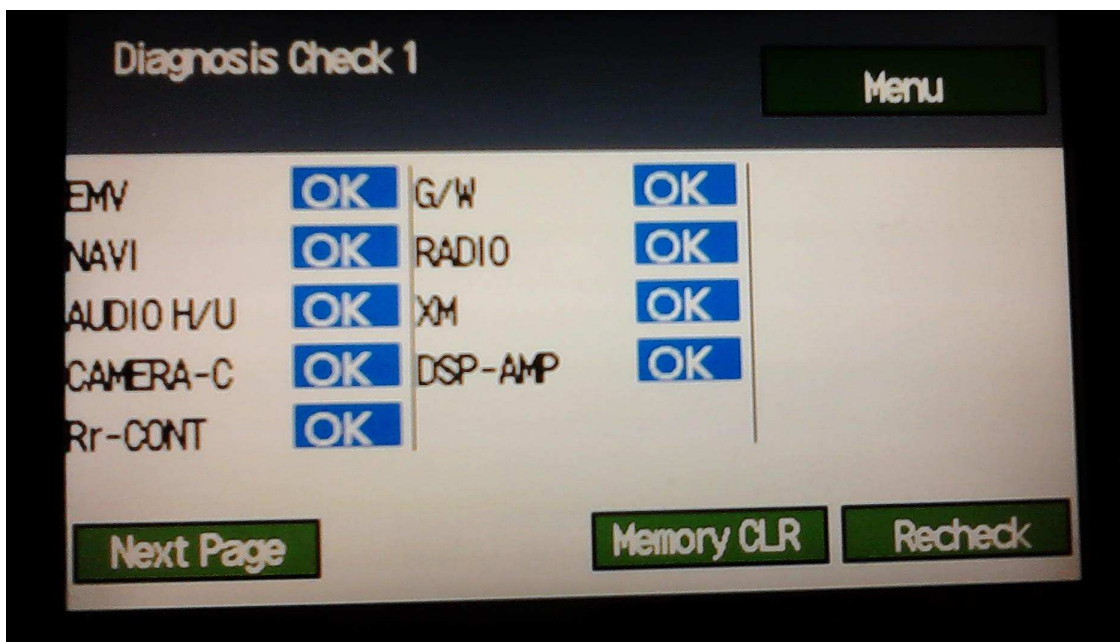**Navigation Check   -> Parts Information**

Navigation Check -> Microphone Check

Press START, then say one of the three phrases. REPLAY to play back the phrase.

Diagnosis Check 1

Diagnosis Check 2

Speed, Parking Brake, & Country

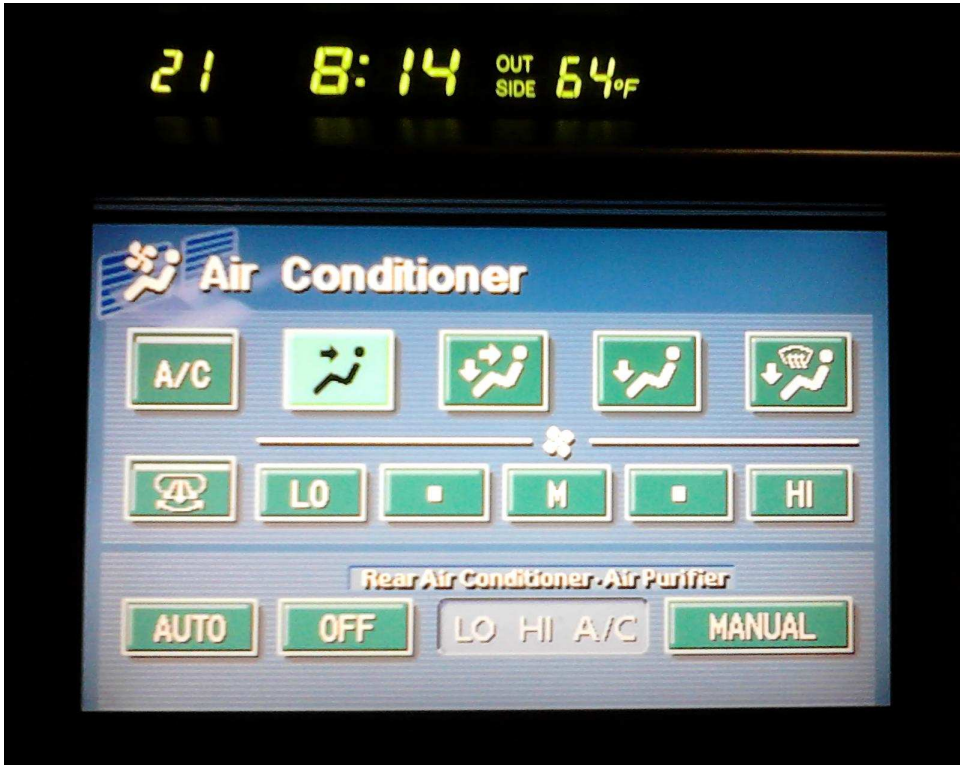| SPEED	0 Km/h	Country	
PKB	OFF	Display	US
		navigation	US

Camera Check

???

OK   VER 103   50040

Air Conditioner Check – shows A/C codes sequentially

Showing code "21" where the temperature is normally displayed

To attempt to fix the "Incorrect program disk" error message,

try the following –

There is a small button cell battery in the dvd reader in the trunk (2004 at least). I took the **nav** dvd reader out of the trunk, took it apart, took the button cell out, gave it a few minutes to reset then put it all back together. It was like the car was brand new again. If you haven't physically messed anything up, this may work for you. Good luck!

Got this from the internet for 2005 LS430. Not sure if it works -

1. Set the hand brake, remove the key from the ignition switch, and open the hood.
2. Disconnect the negative battery lead from the battery terminal.
   This will prevent any possibility of shock or shorting during the project.
3. Remove everything from the trunk including any protective mats lining the bottom of the
   trunk.
4. Leave the trunk open.
5. Lift up the panel in the trunk that covers your spare tire.
6. Locate the square metallic box on the right side of the trunk under a cover.
7. Use the screwdriver to remove the two screws holding the box in place.
8. Unplug the all of the wires connected to the box.
   Note: remembering where each wire is connected to the box is not important since
   each of the connectors is designed to plug into only one slot.
9. Remove the box from the back of the car once all the wires are disconnected.
10. Unscrew the eight screws that hold the boxes rear panel in place to reveal two electronics boards (see pictures below).
11. Disconnect the left electronics board and flip it over so you can see where the two
    ribbon cables connect.
12. Using your fingers, disengage the two brown colored clamps that hold the ribbon cable in place on either side of the electronics board.
13. Disconnect the ribbon cables.
14. Let the apparatus sit disconnected for one minute to reset the Nav computer.
15. Re-assemble the navigation system following the steps given in reverse order.
16. Turn on the vehicle and test to make sure the system is working properly.
17. Follow the directions on the screen.

To reset the Nav ECU

This was an old note but because this problem with the Prius NAV system can still happen, I wanted to post that I just ran into this self-inflicted problem on a 2005 Prius and corrected it myself. The key to fixing this is to recognize that after removing and disassembling the NAV system, the little black switch in the earliest instructions has NOTHING TO DO WITH THE REAL FIX. The little black switch is in fact the EJECT button and has nothing to do with back up memory.

The fix requires the memory on the main board to be reset. This happens when power is removed - the battery on the 2005 versions of the assembly can be disconnected as described above by unhooking the ribbon cable temporarily. It is quite possible that on some systems, the battery is dead and that unplugging the unit will cause memory to be lost. In those cases, pressing the little black switch will "work", as will jumping up and down on one foot after disconnecting the power harness and connectors from the front of the NAV box.

I don't know about later model NAV units, e.g. 2007, and I haven't even looked to see where my 2011 NAV system unit is installed, but there should be some way to temporarily disable battery backup or reset memory in any system board. Unless the engineers who designed the newer systems are complete idiots..😕

Open NAV ECU, perform "fix":
- *Remove 8 screws from the bottom of the ECU.*
- *Cover is held in place by 1 tab on each side that fits around a small bump on the top cover. Using a small flathead screwdriver, spread the cover at the bump. The ECU cover should then tilt up and come right off.*
- *With the plugs at the front, the left board is the NAV logic, and the right appears to be the AVC-LAN interface and power supply. There is a ribbon cable separating the two. These boards should lift right out, as the cover screws are holding them in place.*
- *At whichever location is easiest, lift the retaining clip at one end of the ribbon cable connecting the power supply board to the "logic" board, then gently pull the ribbon cable free. This effectively disconnects the battery backup from the ECU.*
- *I also spotted a black momentary switch on the power supply board. This may also be a reset/backup power interrupt, however being a multi-layer board, I couldn't easily follow the traces to double-check. For safe measure, I press and held this for a few seconds as well.*
- *Re-insert the ribbon cable, ensuring that it's aligned correctly. Push the retaining clip back down to secure the cable.*
- *Replace the boards, ensuring that the boards fit onto the alignment tabs. The power supply board was a bit tricky here.*
- *Replace the cover. I found that securing the screws over the power supply board first helped to keep it aligned as mine wanted to pop out of place.*
- *Replace the ECU, reversing the steps of removal.*
- *Power on. You'll see on the NAV screen: Loading application, do not power off.*
- *I then saw the "Agree" screen. Success!*

You'll need to restore all of your map points, but that's a minor inconvenience compared to the cost of a new NAV unit or a dealer visit. Hope this helps anyone else who was unfortunate enough to see what "loading" did.
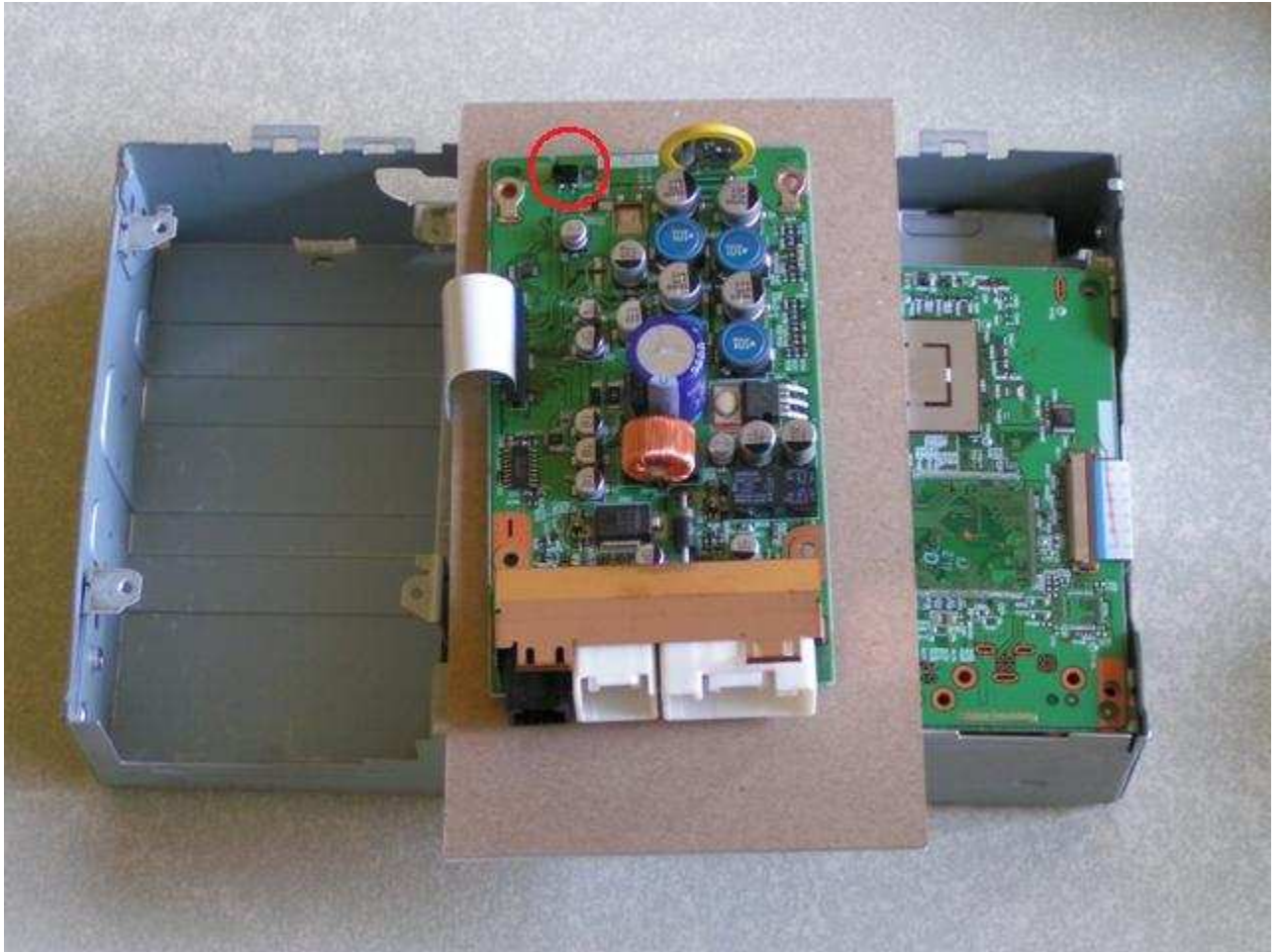
Remove 8 screws.

Remove front bezel.

Remove cover to reveal the ECU guts.

Flip over the left circuitboard on the picture, and press the switch for several seconds.

Assemble in reverse order.