Installation Instruction:

Beat-Sonic®

Product: NDS6223EP

Car Model: 2015 Lexus RC350

2015 Lexus RC 350 Coupe Dashboard

Disclaimer:

We are not responsible to damage, loss or injury caused from attempting or performing the DIY. Further, the navigation and DVD lock while in motion was originally installed for safety reasons. By unlocking the navigation and DVD lock, we are assuming that the navigation and DVD will be controlled and enjoyed by the passenger and not by the driver. As such, are not responsible to damage, loss or injury from using the bypass modules. Please be responsible drivers!

About the Beat-Sonic NAV/DVD Bypass Module:

System: 100% Plug and play kit from Beat-Sonic for allowing use of factory features that would be locked out during vehicle movement.

These plug and play module kits allow override of the lock out system equipped in your factory Navigation/DVD system when the vehicle is in motion. Due to the fact that no modification is needed on the factory harness and this is 100% plug and play, it is easily reversible to the original factory specs without showing any signs that this modification was ever made.

The NDS kit provides automatic video in motion for the DVD player at all times. Navigation in motion is activated by the steering wheel volume control buttons by pressing volume up (+), down (-), up (+), down (-) in sequence and at normal cadence. While navigation in motion is activated, the navigation system will temporarily lose its GPS location and the position indicator on the navigation screen will stop moving. By default, a programmable timer will reset the navigation in motion to switch off after 3 minutes.
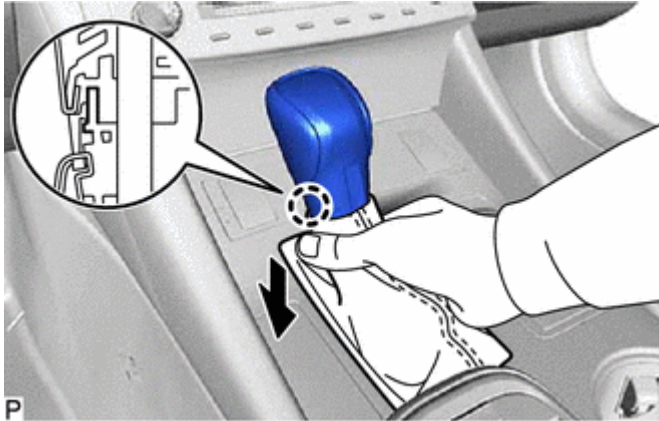
Navigation in motion can be switched off before the timeout period has expired by repeating the volume control button sequence up (+), down (-), up (+), down (-).

This device is suitable for Lexus generation 7 and 8 navigation systems. The full time video in motion feature is compatible with all navigation system features including Lexus App Suite, Enform App Suite and energy consumption display found on hybrid models.
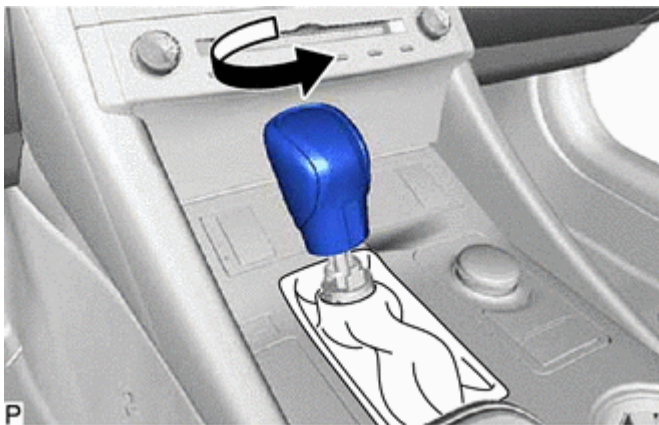
DIY Starts Here:

1. REMOVE SHIFT LEVER KNOB SUB-ASSEMBLY.

(a) Disengage the claw and disconnect the shift hole cover sub-assembly as shown in the illustration.
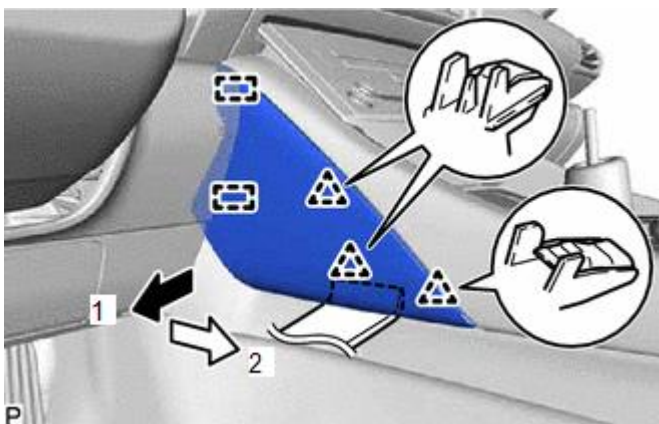

(b) Turn the shift lever knob sub-assembly counterclockwise and remove it.
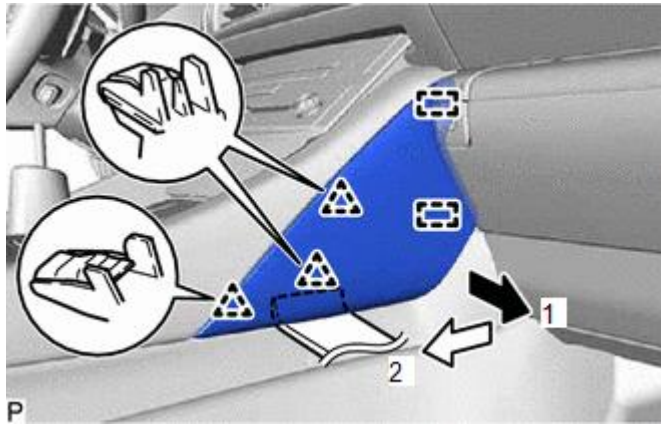

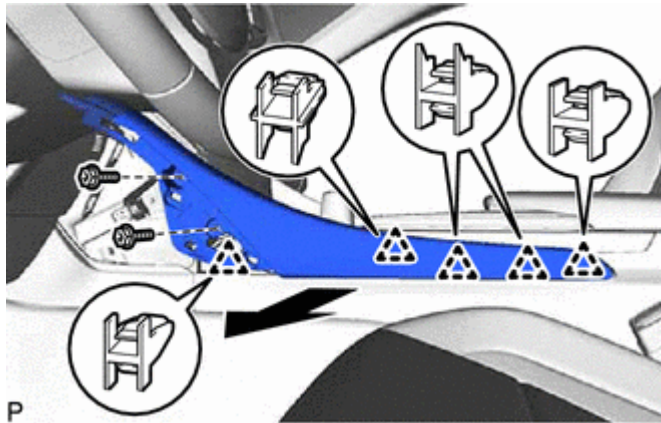**2. REMOVE INSTRUMENT PANEL FINISH PANEL END LH.**

(a) Using a molding remover, disengage the 3 clips in the direction indicated by the arrow (1) shown in the illustration.

(b) Pull the instrument panel finish panel end LH in the direction indicated by the arrow (2) shown in the illustration to disengage the 2 guides and remove the instrument panel finish panel end LH.

3. REMOVE INSTRUMENT PANEL FINISH PANEL END RH.

(a) Using a molding remover, disengage the 3 clips in the direction indicated by the arrow (1) shown in the illustration.

(b) Pull the instrument panel finish panel end RH in the direction indicated by the arrow (2) shown in the illustration to disengage the 2 guides and remove the instrument panel finish panel end RH.
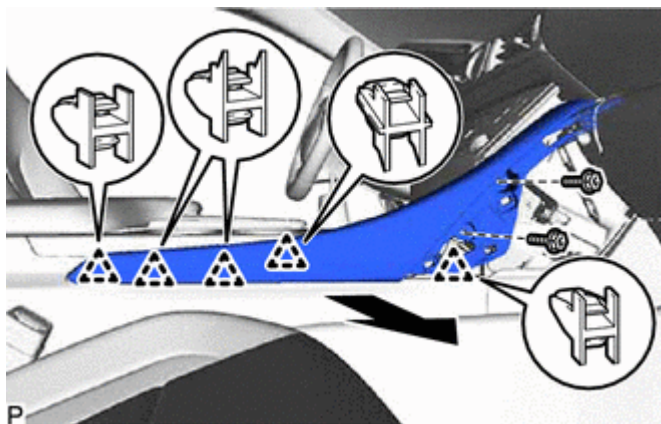
4. REMOVE FRONT PANEL GARNISH LH.

(a) Remove the 2 screws.

(b) Disengage the 5 clips to remove the front panel garnish LH.
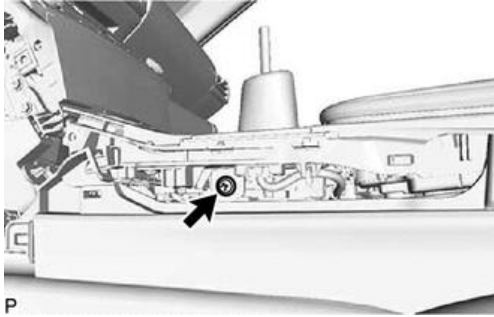
5. REMOVE FRONT PANEL GARNISH RH.

(a) Remove the 2 screws.

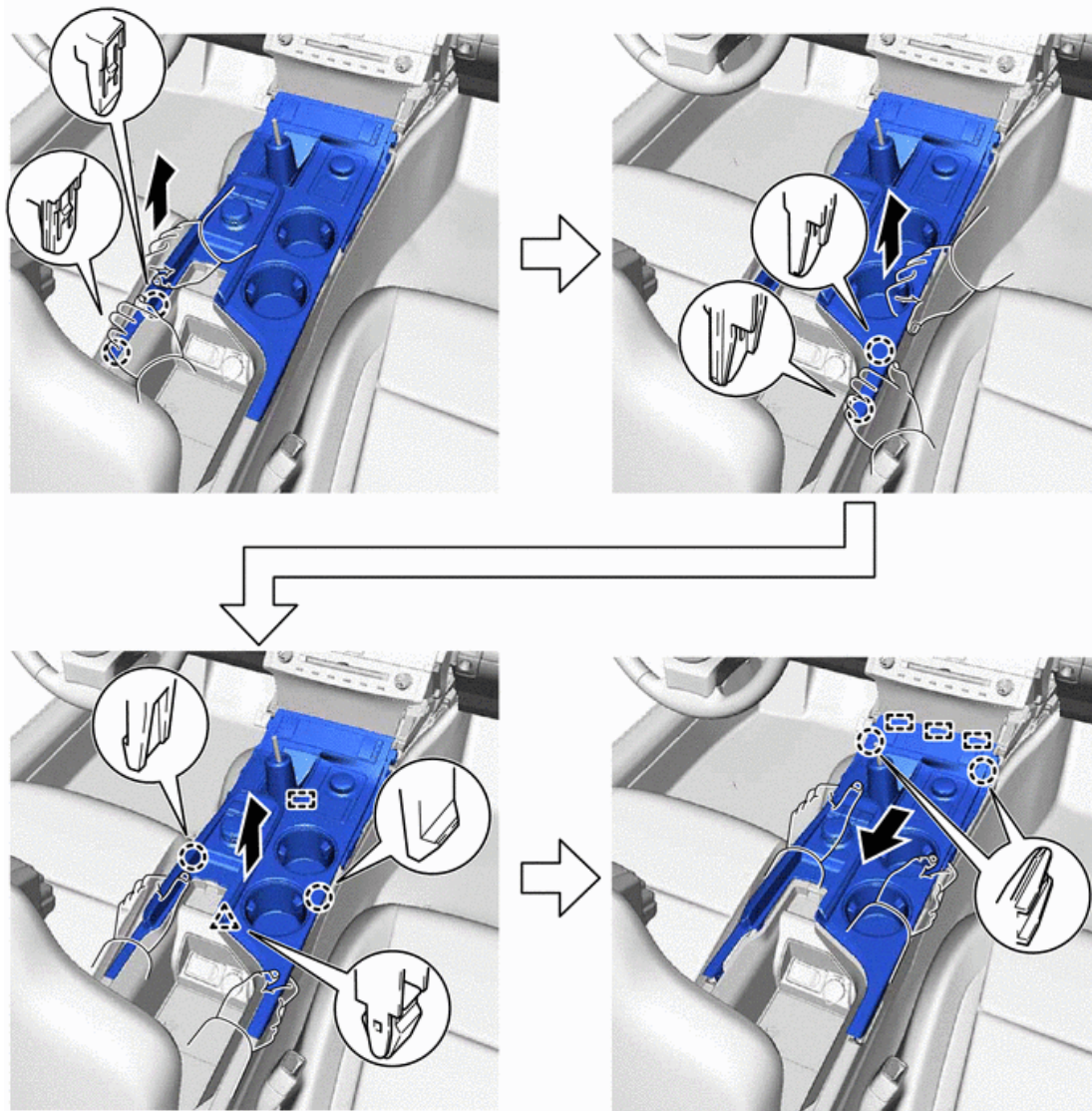(b) Disengage the 5 clips to remove the front panel garnish RH.

6. REMOVE CONSOLE PANEL SUB-ASSEMBLY.
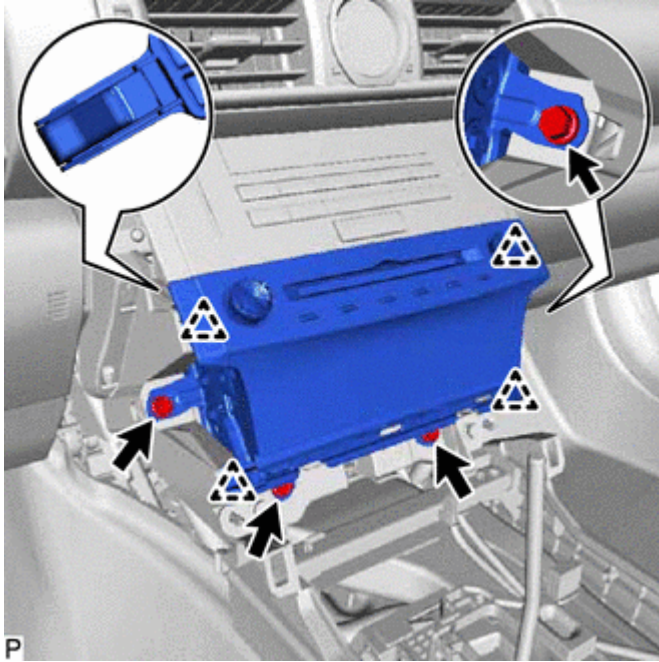
(a) Remove the screw.

(b) Move the shift lever to N.

(c) Disengage the 8 claws, clip and 4 guides as shown in the illustration.

7. REMOVE RADIO RECEIVER ASSEMBLY WITH BRACKET.

(a) Remove the 4 bolts.

(b) Pull the radio receiver assembly with bracket toward the rear of the vehicle and disengage the 4 clips.
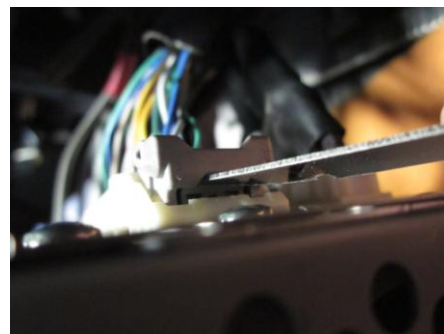
8. Connecting the NDS6223EP.

Step#1

Once the head unit is out, look for a 59 pin connector on the "right" side.

Step#2

Take a flat head screw driver to release the clip on the right side of the connector. Then pull the connector out.
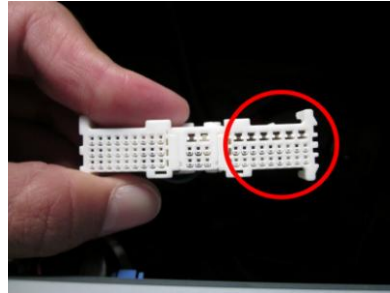
Step#3

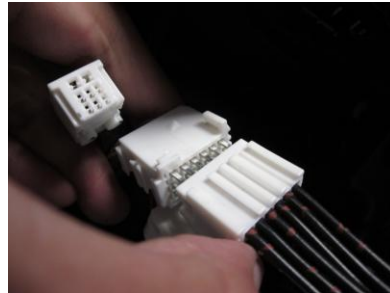Carefully remove the gray bracket, which is being used to keep the three connectors together.

Step#4

After the gray bracket is removed, the connector should look like this. The right side of the connector is what you need to disconnect from the main connector.

Step#5

Connect the male side of the NDS6223EP connector to the female connector which was disconnected from the previous step. Make sure the connection is secure and that none of the pins are exposed on the side.

Step#6

Using the supplied urethane insulation tape, tear off a size to cover the 2, 24 pin connectors that are mated to each other as shown on the right.

Step#7

Take the female side of the NDS6223EP connector and link it back to the main connector, then mount the gray bracket back to the main connector.
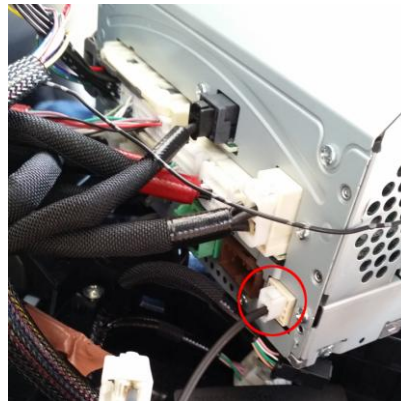
Step#8

Once the main connector is in one piece with the gray bracket, insert it back to behind the oem head unit
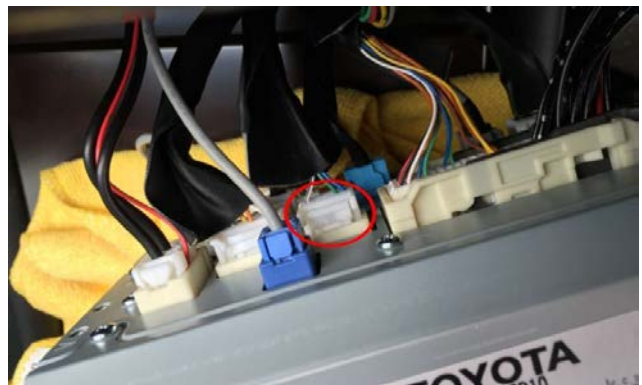
Step#9

Locate the GPS connector and daisy chain it to the NDS6223EP. Remove the original GPS connector from the radio, connected it to the female side of the GPS connector on the NDS6223EP. Then, connect the male side of the GPS connector on the NDS6223EP to the radio.

(Photo shown here is actually the IS350 head unit, but please look for a matching oval shape connector like the one circled in red)
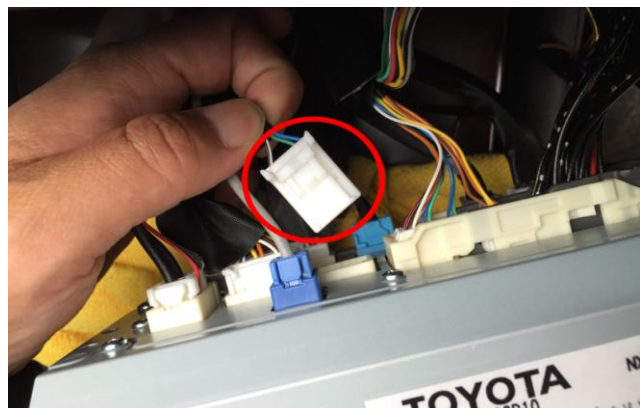
Step#10

Locate the matching connector behind the factory head unit as shown on the photo.

Step#11

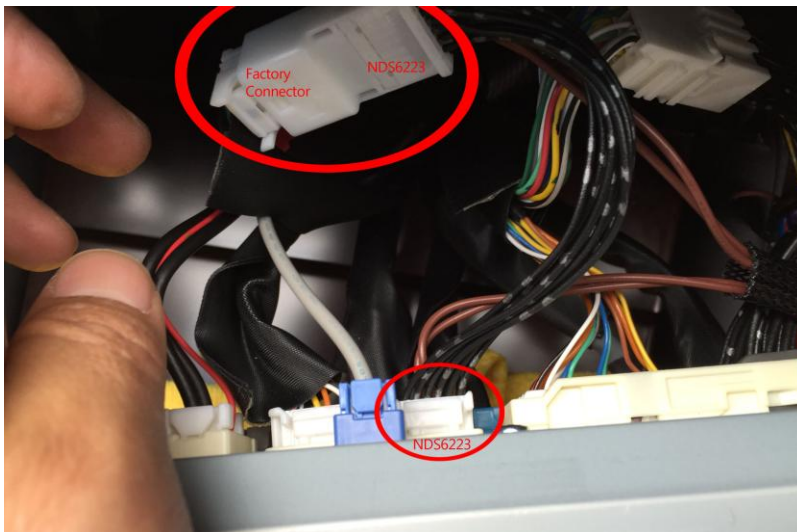Disconnect the steering wheel control connector.

Step#12

Connect the matching connector on the NDS6223EP to the factory steering wheel control connector what you just disconnected from the head unit.

Step#13

Connect the other side of the NDS6223EP connector to the factory head unit.

Step#14

The default setting of the NDS6223EP is programmed to turn off automatically after 3 min. Please read the enclosed programming instruction (found inside the retail box) and program the switch to your desired setting.

TEST THE UNIT AND REVERSE PROCESS:

Test the unit to make sure it is working well and then perform the above steps in reverse to put everything back to normal and you are done!