

How to install BB6223 NAV/DVD Bypass Module on a 2015 Lexus RC350



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!

For additional information, contact: info@beatsonicusa.com

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.

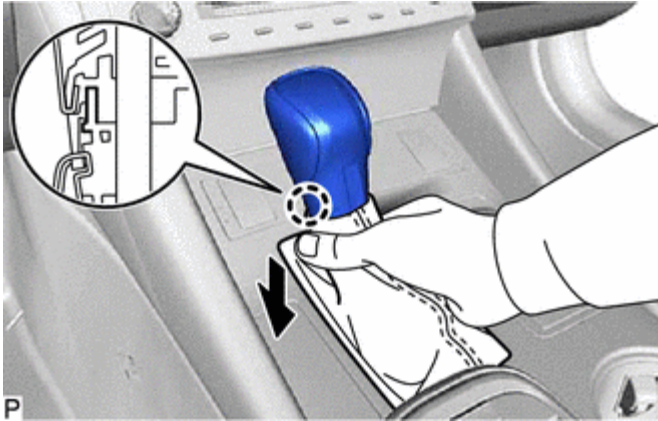
The BB kit is equipped with a programmable functionality LED button where **the override of the navigation lock** out may be enabled simply by pressing the button included in with the kit. Once the button is engaged (LED light turns on), the module tricks the factory navigation system to thinking that it is at a stop and enables the use of all the controls including the navigation address input, POI, blue-tooth contacts, mp3 music select, etc. When the button is pressed again (LED light is off), the vehicle will return to its normal state and will take couple of seconds to refresh the correct vehicle location on the map. The Navigation bypass can be programmed to last 2 minutes, 3 minutes, 5 minutes or indefinitely until the button is pressed again (See more information on the instruction manual).

In addition to the navigation override, the BB kit is also equipped with a function where the **override Parking Brake** is enabled at all times. The module tricks the vehicle to thinking that the vehicle is in "park" with its parking brake on. If the video in motion safety lockout feature is only triggered by the parking brake, BB kit will override the DVD/Video in motion enabled at all times. (if the DVD/video in motion safety lockout feature is also triggered by the vehicle speed sensor, you do need to use the button to override it) The factory screen will switch to backup camera mode automatically when in R gear and will not affect any other factory controls. As such, the DVD bypass will be enabled permanently once this module is installed without affecting any OEM controls.

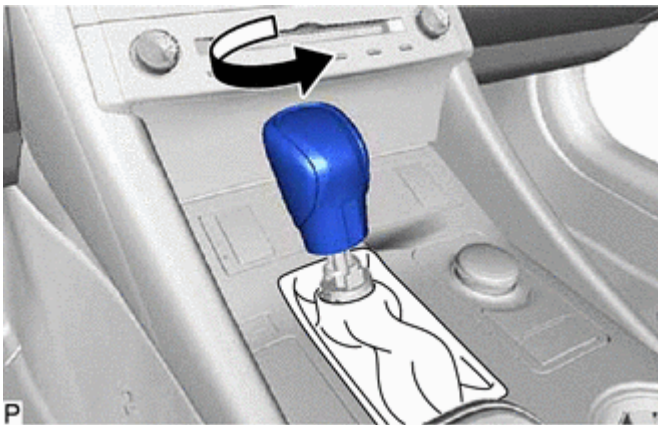
DIY Starts Here:

1. REMOVE SHIFT LEVER KNOB SUB-ASSEMBLY.

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

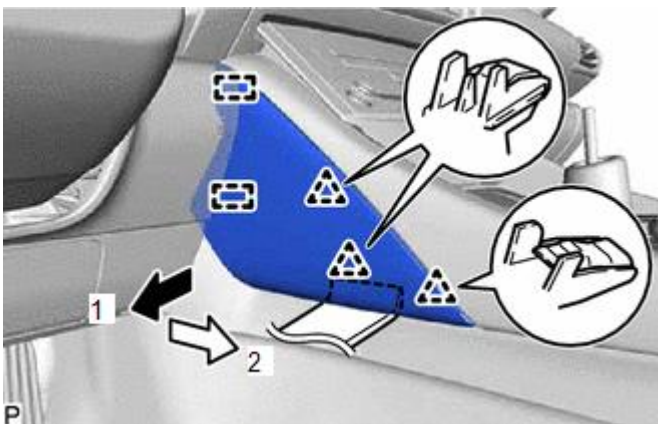


(b) Turn the shift lever knob sub-assembly counterclockwise and remove it.



2. REMOVE INSTRUMENT PANEL FINISH PANEL END LH.

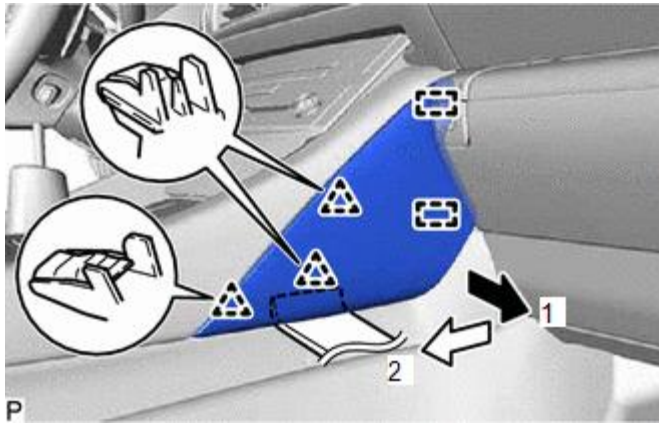
(a) Using a molding remover, disengage the 3 clips in the direction indicated by the arrow (1) shown in the illustration.



(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.

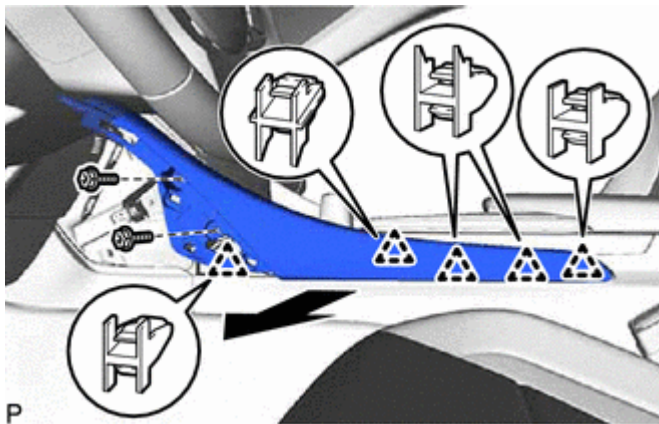
(a) Using a molding remover, disengage the 3 clips in the direction indicated by the arrow (1) shown in the illustration.



(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.

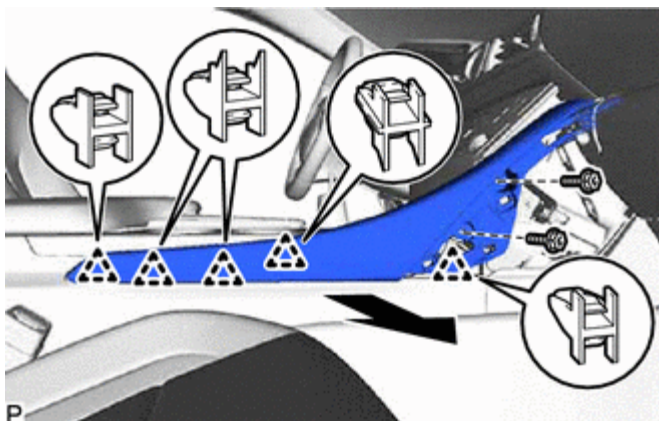
(a) Remove the 2 screws.



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

5. REMOVE FRONT PANEL GARNISH RH.

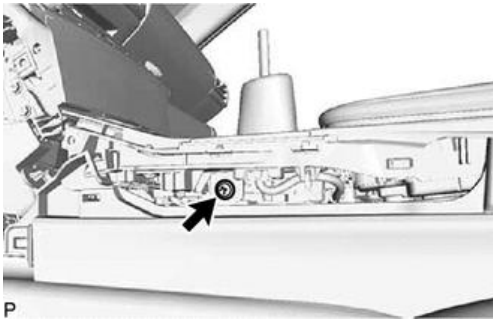
(a) Remove the 2 screws.



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

6. REMOVE CONSOLE PANEL SUB-ASSEMBLY.

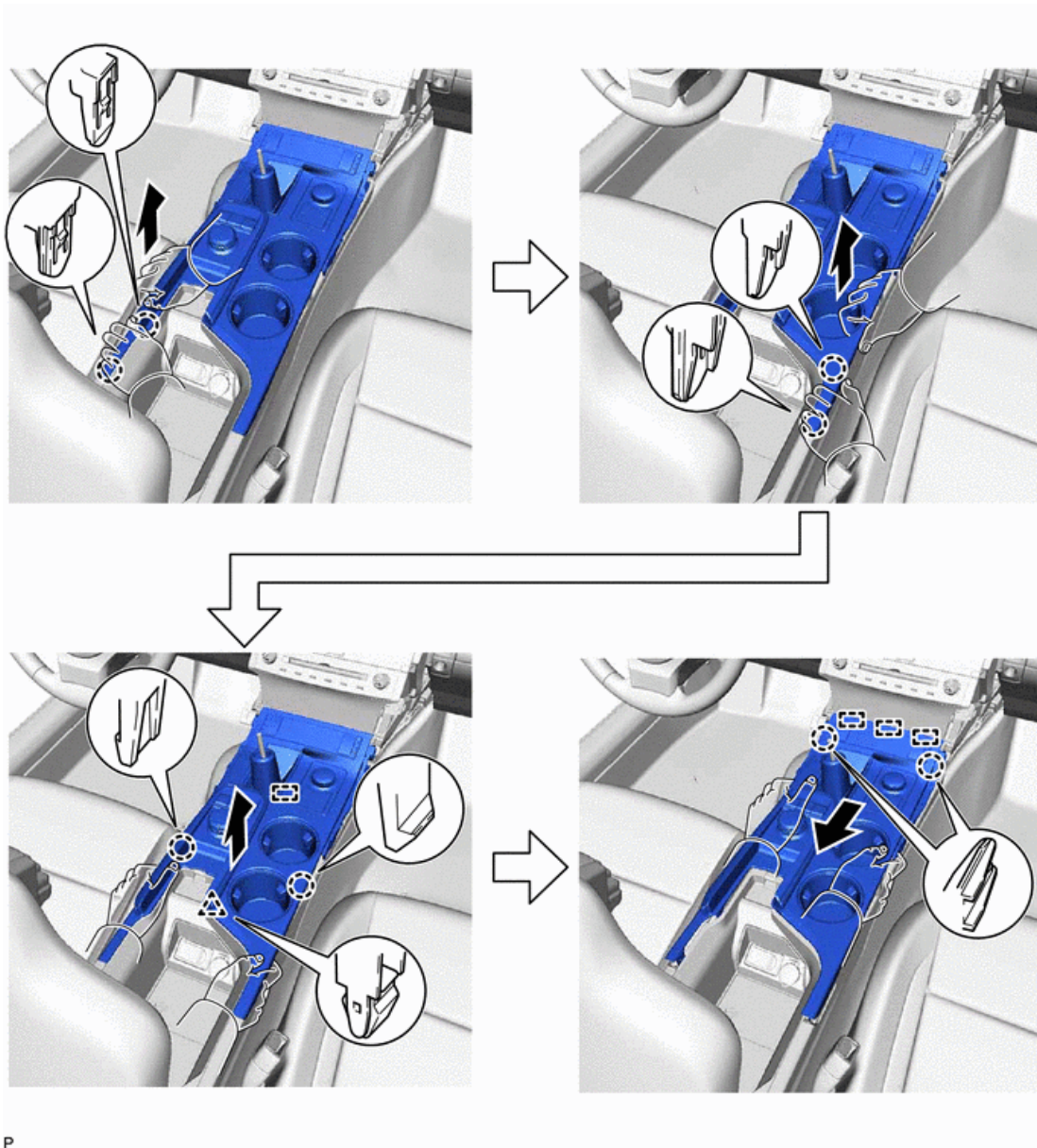
(a) Remove the screw.



P

(b) Move the shift lever to N.

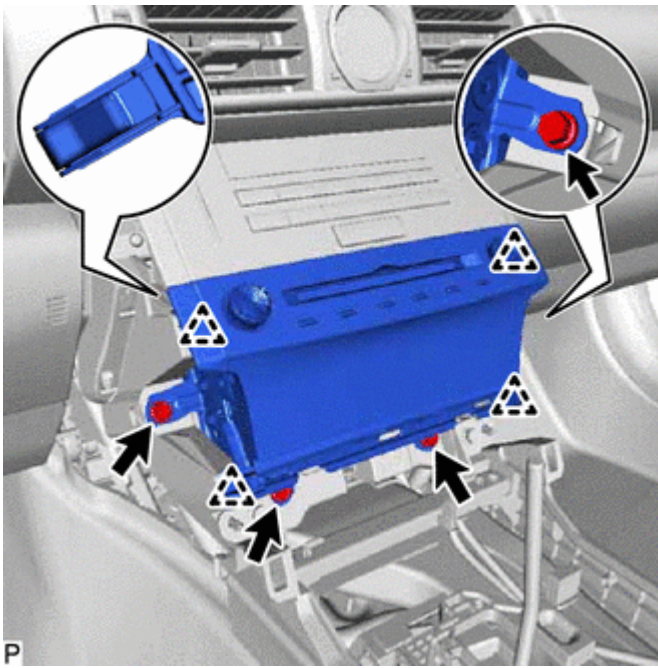
(c) Disengage the 8 claws, clip and 4 guides as shown in the illustration.



P

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 BB6223.

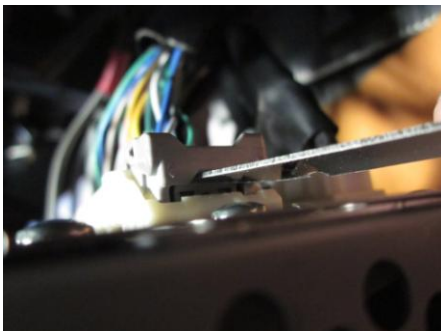
Step#1

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



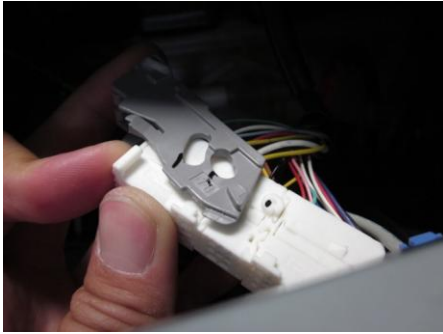
Step#2

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



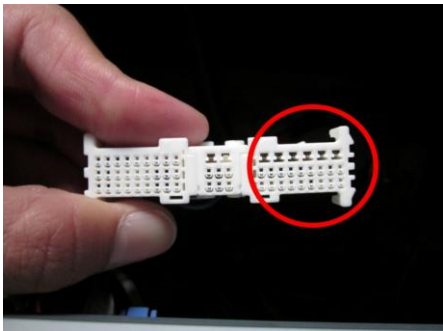
Step#3

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



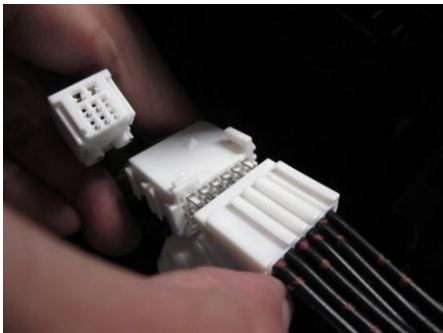
Step#4

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 BB6223 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.



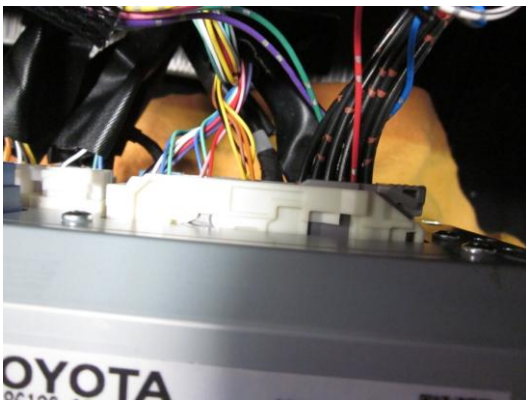
Step#7

Take the female side of the BB6223 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



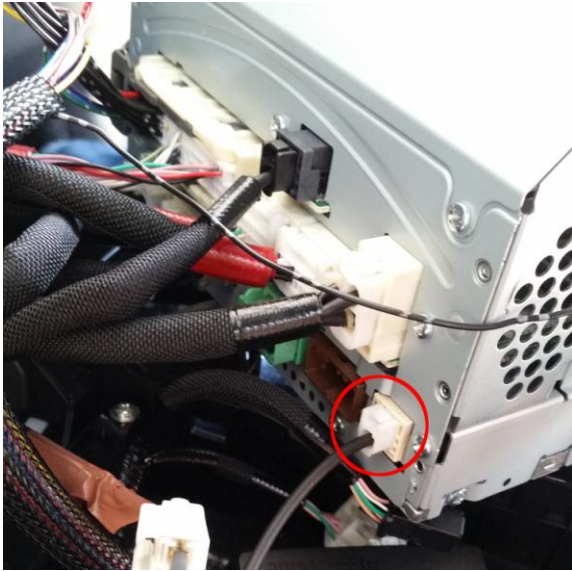
Step#9

We picked the side of the radio to ground the wire.



Step#9

Locate the GPS connector and daisy chain it to the BB6223. Remove the original GPS connector from the radio, connected it to the female side of the GPS connector on the BB6223. Then, connect the male side of the GPS connector on the BB6223 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

Route the button switch wire to the side of the radio to your desired location. Be sure to clean the surface (preferably with an alcohol wipe) before you stick on the button to the surface.



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!