

## How to install BB6223 NAV/DVD Bypass Module on a 2013-2014 Lexus GS Models



### 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](mailto: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 of the DVD lockout** is enabled at all times. The module tricks the factory DVD system to thinking that the vehicle is in "park" with its parking brake on. 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.

## The DIY Installation Starts Here:

**Tools needed:** Socket wrench with a 10mm socket and extension, flat head screw driver, panel removal tool and a towel

**Product needed:** Beat-Sonic BB6223. Go to [www.beatsonicusa.com](http://www.beatsonicusa.com) for the product.

### Step1: Radio Removal

Remove the negative terminal on the battery.

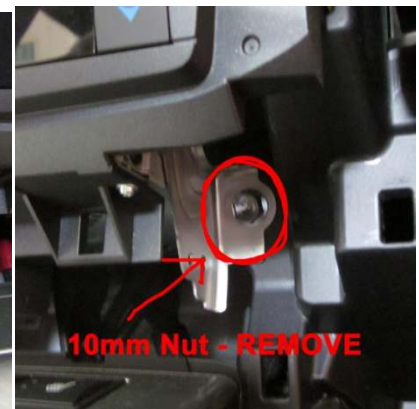
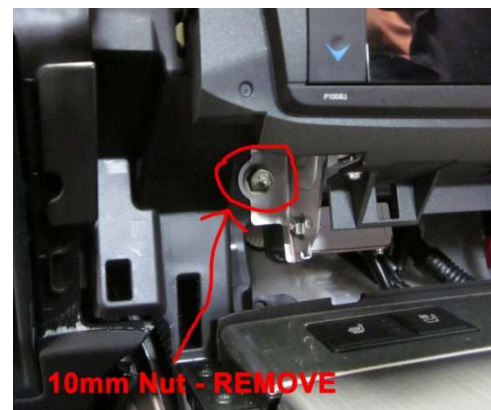
Remove the radio cover by releasing the clips in the bottom left and bottom right corner and then pulling it out with your hands.



Once the panel is out, disconnect the harness connector that is connected to the push start button.



Remove the 2 x10mm nut. 1 on each side, bottom left and bottom right corner.



Grab a towel and rest the radio between the towel and center console to avoid scratching interior pieces.

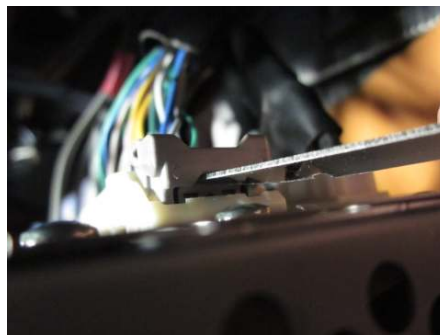


**Step2: Removing the connector:**

The connector circled in red is what you will be working on



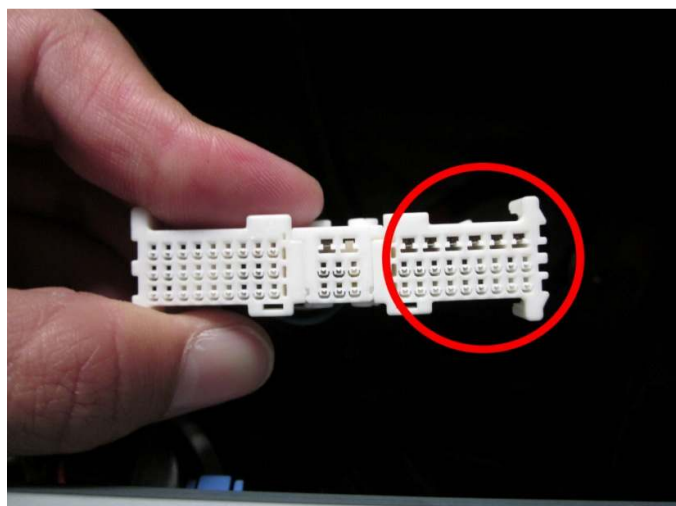
Take a flat head screw driver to release the clip on the right side of the connector. Then pull the connector out.



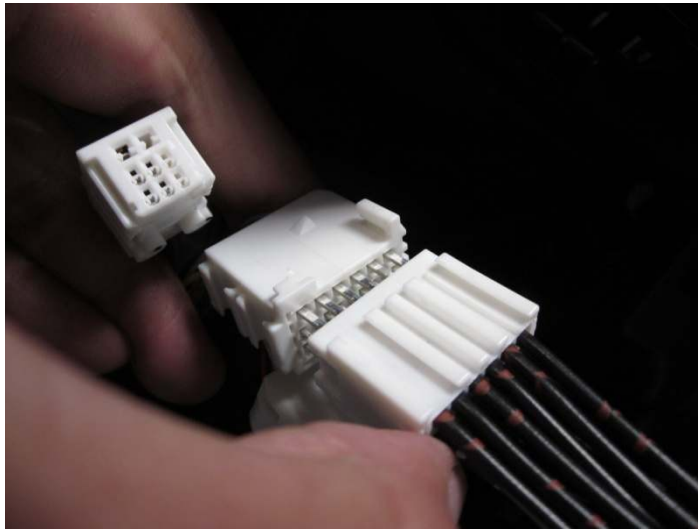
Carefully remove the gray bracket, which is being used to keep the three connectors together.



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.



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.



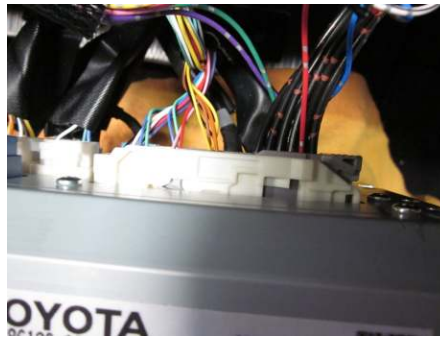
Using the supplied urethane insulation tape, tear off a size to cover the 2, 24 pin connectors that are mated to each other as shown on the right.



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.



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



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



Do not forget to connect the start button back.



Route the push button switch wire to the side of the radio to your desired location. We chose to place it right under the parking brake lever (*NT Series switch shown on the right*)



**TEST THE UNIT AND REVERSE PROCESS:** Test the unit to make sure it is working well. Then, perform the above steps in reverse to put everything back to normal and you are done!