

NAV Controller /Video in Motion Module (TVK-10)

2011~2013 Toyota Sienna



Disclaimer:

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(s) 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.

This plug-and-play module kit allows override of the lock out system equipped in your factory TV or 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.

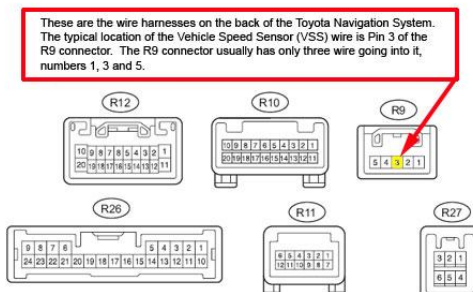
The TVK-10 module is equipped with a manual functionality switch, where the override of the navigation lock out may be enabled simply by toggling the switch to "TV". Once the switch is engaged, the module tricks the factory navigation system to thinking that it is at a stop, and enables the use of all the controls including the navigation address input, POI, blue-tooth contacts, mp3 music select, etc. When the switch is positioned to "NP", the vehicle will return to its normal state and will take couple of seconds to refresh the correct vehicle location on the map. This module will also allow Video in Motion during vehicle movement if the vehicle is equipped with a factory DVD.

Connector location

- **Matching 5pin connector is normally located behind the monitor.**
- **If the ground wire is not properly connected to the chassis, TVK-10 will not work. Please make sure to ground where there's no plastic.**

TVK-10 information

- **5 pin connector**
- **Parking brake wire pin# 1**
- **Vehicle sensor wire pin# 3**
- **Switch type : Toggle**
- **Operation : TV = ON / NP = OFF**





NOTE: DIY shown here is performed on the no-navigation model, but you should have oem navigation in your vehicle in order for the TVK-10 to function.

- Tools needed : 10mm ¼ drive socket, wrench and extension. Plastic pry tools or equivalent.

Caution: Be careful not to bend plastic dash parts when removing. Pry or pull straight out to prevent breaking. Most parts will release from the dash fairly easy, as the plastic clips are designed to allow removal and re-installation. Plastic pry tools are recommended. Do not use a flat bladed screwdriver with sharp edges as a pry tool. You can use a small putty knife also.

1. Carefully remove the middle dash trim starting on the right side. Once you get the trim piece partially released, work both ways, pulling straight out to remove panel.



2. Squeeze the plug on the wire harness to release it from the trim panel.



3. Unscrew the shift handle counter clockwise to remove. Use your fingers to carefully pry up the shifter cover starting from the bottom.



4. Lift the cover over the handle, and let dangle on the left side of the dash, out of the way, or you can disconnect the plug on the back and set aside.



5. Using your fingers, pull straight out on the climate control and carefully wiggle the unit, pulling towards you until the clips release.



6. Unclip the harness from the back of the climate control, and set aside. Be careful when handling the dash trim parts so they don't get scratched or damaged.



7. Remove the (4) 10mm screws, (2 each side that secure the radio head unit) use a 1/4 drive socket, not power tools to remove. Be careful not to let the 2 screws toward the back fall down inside the dash area when removing.



8. Carefully pull the radio head unit out towards you to release it from the dash after removing the (4) 10mm screws.



9. Remove wire harness from back of factory radio by carefully squeezing the clips until they release, DO NOT PULL ON THE WIRES! Remove antenna, etc., and take head unit to work table to Remove and replace the A/C vents and radio side brackets.



10. Disconnect 5-pin (PKB, VSS) and 1-pin (GPS) connectors from the screen.

11. Connect the Beat-Sonic TVK-10 to the connector that you pulled out on the previous step, and behind the head unit.

12. 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.