



SV3TK1B Troubleshooting Guide

- **If connected to SCVDOC1B:**
 - **Make sure connections at both ends of the data cable between tuner and radio are secure.**
 - **Inspect both ends of cable for broken or bent pins.**
 - **Check for any kinks or sharp bends in the cable. See note.**
 - **Replace the cable and retest. See note.**
 - **If you do not get Audio from one side or the other (Left or Right) while listening to Sirius:**
 - **Inspect data cable for missing or bent pin on either end. Data cable should have eight pins on both ends.**
 - **If unit shows HARD ERROR:**
 - **Disconnect SV3TK1B from the SCVDOC1B. Connect supplied 12vdc power adapter and try running the SV3TK1B in FM transmitter mode:**
 - **If SV3TK1B works in FM transmitter mode then reconnect it back to the SCVDOC1B and reset the radio it is connected to:**
 - **If it still is not working on the SCVDOC1B contact vendor for warranty on the SCVDOC1B.**
 - **If radio will not stay in SIRIUS mode while the SV3TK1B is connected to the SCVDOC1B and reverts to other input mode (AM/FM, CD, AUX):**
 - **Disconnect SV3TK1B from the SCVDOC1B. Connect supplied 12vdc power adapter and try running the SV3TK1B in FM transmitter mode.**
 - **If SV3TK1B works in FM transmitter mode the problem may lye with the SCVDOC1B.**
 - **If SV3TK1B does not output audio in FM transmitter mode the issue may lye with the SV3TK1B. Contact vendor for warranty on SV3TK1B.**
- **If utilizing SV3TK1B's built in FM transmitter:**
 - **If interference is heard instead of Sirius signal change the frequency the SV3TK1B is set to transmit to. See *Installation & Users Guide***
 - **If the Sirius signal has static:**
 - **Ensure the radio is set to the same station that the SV3TK1B is programmed to transmit to.**
 - **Ensure that the FM Extender Antenna is installed and run near the vehicles own FM antenna. See *Installation & Users Guide*.**
- **Make sure antenna is connected and secure (w/no sharp bends in its cable).**
 - **The optimum mounting location for the magnetic antenna is on the roof of the vehicle, with a minimum unobstructed area of 12 inches.**
- **If utilizing SV3TK1B through a direct connect cable:**
 - **If static is heard or there is no audio:**
 - **Check the cable for proper connection.**

- Check the cable for damage.
- If unit shows **NO SIGNAL**, check antenna, verify clear view of sky, try a different antenna.
- If **ANTENNA** or **ANTENNA ERROR** is shown, check antenna connection:
 - Replace antenna.
- If **SV3TK1B** does not power up:
 - Check for a blown fuse.
 - Ensure that the power to the **SV3TK1B** is connected properly.
 - If connected to the **SCVDOC1B**, check the condition of the data cable.
See the top of this trouble shooting guide for details.
- Incompatible radio used while connected to **SCVDOC1B** see Trouble Shooting Guide for **SCVDOC1B**.

Note: Bent or broken pins may have caused or are an indication of other potential issues with the SV3TK1B.

D. Robinson
Tech Services
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