Driving without distraction is a necessity for a safer driving experience.

BTA-STS

QUICK START INSTALLALION GUIDE FOR 2005-11 CADILLAC STS WITH XM TUNER MODULE (U2K)

Created December 1, 2015
Revised: September 24, 2024

PRODUCT SAFETY & DISCLAIMER

READ ALL INSTRUCTIONS CAREFULLY BEFORE INSTALLING, FAILURE TO DO SO MAY CAUSE PERSONAL INJURY OR DAMAGE TO PRODUCT AND/OR PROPERTY

- This document is provided as a GENERAL installation guide, some vehicles vary and may require additional steps. We do not accept responsibility for third party labor charges or modifications. Exercise due-diligence when installing this product.
- We do not accept any responsibility for vehicle damage or personal injury resulting from the installation of this product.
- Careless installation and operation can result in equipment damage.

Requirements

XM tuner module (Active or expired subscription)

Introduction

Many 2005-11 Cadillac STS owners with tons of music and application on smart device will be pleased to find this module. The new BTA-STS (**formerly A2D-STS**) Bluetooth music streaming module uses the radio's XM port to stream music applications from A2DP enabled devices (e.g., Smartphone, Tablet, Kindle etc.) Simply connect the BTA-STS to the back of the radio, pair audio device and stream all applications (e.g., music, GPS, audio books etc.) on the 6-CD changer or 6-DVD navigation radio. For the BTA-STS to work, **vehicle must have an XM module** (with or without subscription).

If subscribed, select "Active subscription", if expired, select "Expired subscription

==If subscription has expired with plans to renew at a later date; select "Active subscription" otherwise XM will not play upon activation.==

*Not subscribed means vehicle has XM module but not service.

See Frequently Asked question at the end of this guide for details.

Installation

Radio removal required to gain access to the connectors.

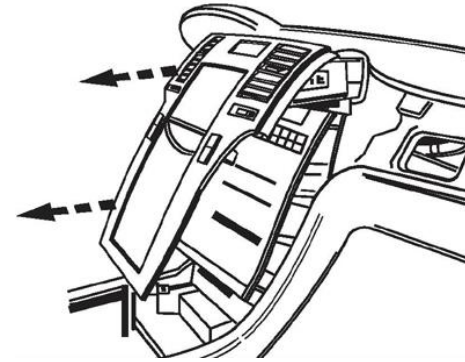1. Using a panel removal tool, unclip and remove the top A/C vents panel (See **Fig. 1**)

Fig. 1

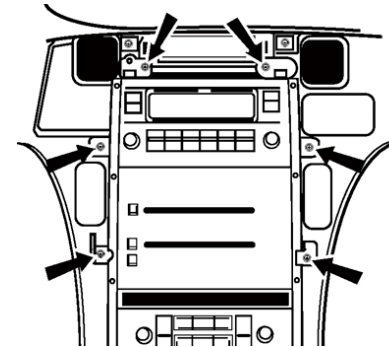2. Remove 10mm screws securing radio to dash (See **Fig. 2**)

Fig. 2

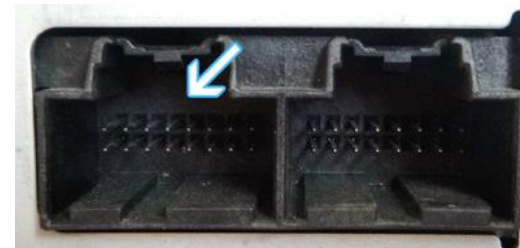3. Pull radio forward, turn to reveal wiring (See **Fig. 3, 3A**)
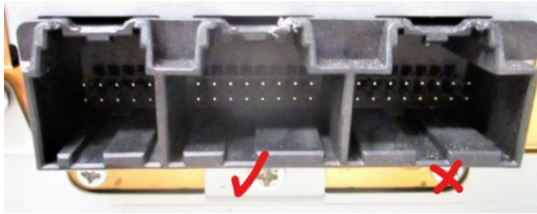

Fig. 3
non-navigation radio

Fig. 3A
Navigation radio

4. Disconnect factory 16-pin plug (See **Fig. 4**) from radio socket (See **Fig. 3/3A**). To disconnect (Delphi plug); pull back on **BLUE** locking tab, press **BLACK** tab and pull plug to release from radio. (See **Fig. 4**)
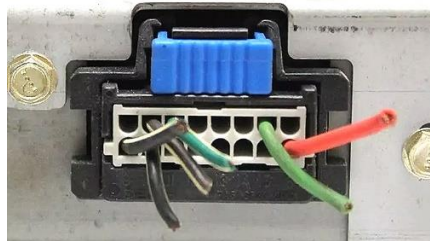

Fig. 4
16-pin plug

Warning: The 16-pin connectors "keyed" to avoid connecting errors. The BTA-STS 16-pin plug is "Keyed" to fit only the XM socket on radio (See **Fig.3/3A**) Avoid pulling on wires. Grasp plug to disconnect.

5. Connect factory 16-pin plug (from step 4) to 16-pin socket on harness (See **Fig. 5**)

Fig. 5

6. Connect harness 16-pin plug to radio socket vacated in step 4
7. Secure **BLACK (ground) wire** to vehicle chassis. Alternately remove one of the radio chassis screws to secure ground wire as seen in **Fig. 6**

Fig. 6

8. Connect red accessory wire (See Fig. 7) to a switch 12V supply circuit in vehicle. (cigar lighter, fuse box, ignition cluster etc.)
   Alert: Do not connect accessory wire to battery (always on) supply.
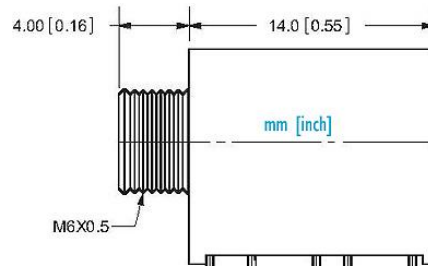

Fig. 7

9. **If XM subscription is active, skip next 2 steps.**
10. **If XM subscription has expired:** Drill a 15/64" or 1/4" hole in dash or panel, push jack shaft (See **Fig. 9**) through and secure with nut (See **Fig. 10**) or leave freestanding—your choice!

Fig. 9

Fig. 10

Warning: Jack may be left freestanding, but to be mounted, ensure panel is **less than 4mm thick** otherwise the AUX shaft may not protrude enough to engage with nut. If necessary, use dremel, sander etc. to thin panel or choose alternate mounting location.

11. Secure module and proceed to next step

Optional USB extension cable installation

Notes: 1. Optional 6 ft. dash mount USB extension cable (**Fig. 12**) is not required for operation; however, it extends USB charging port (See **Fig. 13**) to dashboard, glovebox etc. or connect your own USB charging cable.

2. The USB port supports software updated and charging only

1. Drill a ¾" hole to dash or panel using a step drill bit or equivalent (See **Fig. 11**)

Fig. 11

2. Fish USB cable terminal (See Fig. **12**) through hole created in step 1 and plug into USB port on module (See **Fig. 13**)

Fig. 12
USB cable

Fig. 13

3. Snap header (See **Fig. 14**) to surface until flush (See **Fig.15**)

Fig. 14

Fig. 15

Pairing

Pairing process varies among devices but basic steps are the same. This process is done upon initial install and will not have to be repeated.

1. Turn Ignition and radio "ON"
2. On A2DP device: Go to *Settings, Wireless & Networks, Bluetooth Settings*
3. Toggle on Bluetooth to enable it.
4. Wait for search results to appear on the list of available devices
5. Tap on the name (See **Fig. 16**) to connect to it.
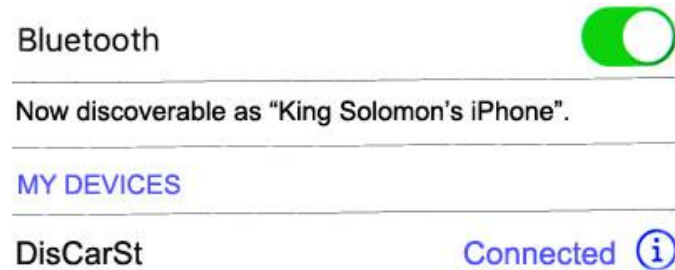6. Once connected, (DisCarSt) should show up as "Connected" in the list of devices under Bluetooth settings.

Fig. 16

Note: These steps are generally a one-time process as your Bluetooth device should connect automatically every time vehicle ignition is turned on.

Operation

1. Turn ignition and radio "ON"
2. Press "**BAND**" or "**XM**" softkey until XM1 or XM2 is displayed
3. Launch audio device streaming application.
4. Set audio device volume to 80%-- adjust as needed based on playback quality (reduce if distorted).
5. Use radio volume button to set playback level.
6. Use wireless remote buttons or device built-in controls to change tracks, adjust device volume, pause etc. (See Fig. **17**)
7. To listen to XM (if subscribed) or AUX device (if not subscribed), press **Pause/Play** on remote control.
8. To switch back to streaming, press **Pause/Play** button on remote control or pause streaming on smart device.

Volume +
Pause/Play
Previous Track
Volume -
Next Track

Fig. 17

9. If correct operation is confirmed go ahead and reinstall radio.
   Note: If XM subscription has expired but plan to renew at a future date; purchase "Subscribed" otherwise XM will not play upon activation.

Frequently ask questions & troubleshooting

1. **Does the BTA-STS work in vehicles with Navigation?**
   YES; Navigation and non -navigation radios are compatible
2. **My XM subscription has expired, will the BTA-STS still work?**
   YES; as long as the XM module is present the BTA-STS will work.
3. **I'm subscribed to XM, but will it still work after installing the BTA-STS?**
   YES; simply select "Active subscription" from order page.
4. **How can I verify my 2005-11 STS has required XM tuner module?**
   Turn radio "ON", press "BAND" or "XM" button repeatedly to cycle through AM/FM/CD/**XM**. **If only AM/FM/CD is displayed, your vehicle does NOT have an XM tuner module and therefore incompatible.**
5. **Can I install the BTA-CTS without removing the radio?**
   NO; radio removal required to gain access to the connectors.
6. **Can I use steering wheel or radio buttons to control music playback?**
   NO; use included wireless remote control or device built-in control and display to access/control music selection. Radio buttons (except for volume and tone controls do not apply)
7. **Will I be able to place phone calls over Bluetooth?**
   NO, this module does not support hands-free calls. See our BTH-STS instead.
8. **With engine running, there is a high pitch squeal increasing with speed. Can you propose a possible solution?**
   Alternator whine is a nuisance. Check that battery post and ground terminals are free or corrosion. If these check out, consider installing a **noise filter**.
9. **Does the remote also control CD or radio functions?**
   NO. Remote is able to control select Bluetooth functions shown in **Fig. 17**
10. **How do I insert or change battery in the remote-control?**
    Insert CR2025 battery to holder with label side up or as seen in **Fig. 18**

Fig. 18

Disclaimer
• This product has no affiliation with GM
• We're not liable for misuse of this product.
•We recommend professional installation

Email support@discountcarstereo.com