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A2D-ST5

QUICK START INSTALLATION GUIDE FOR 2005-11 CADILLAC ST5 WITH XM TUNER MODULE (U2K)

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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 WITH OR WITHOUT SUBSCRIPTION

Introduction

Many 2005-II Cadillac STS owners with tons of music and application on smart device will be pleased to find this module. The 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 A2D-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 A2D-STS to work, **vehicle must have an XM module** (with or without subscription). If subscribed, select "Subscribed", if expired, select "Not subscribed"; however, **if not currently subscribed but plan to renew at a later date; select "subscribed" otherwise XM will not play upon activation.**

*Not subscribed means vehicle has XM module but no 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)

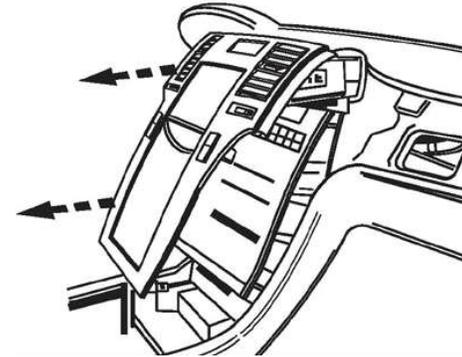


Fig. 1

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

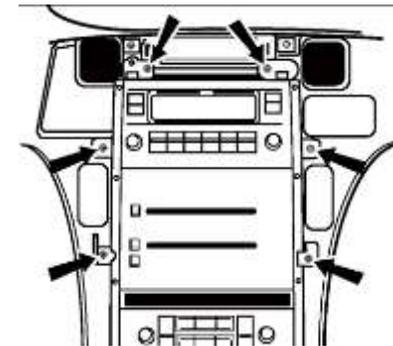


Fig. 2

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

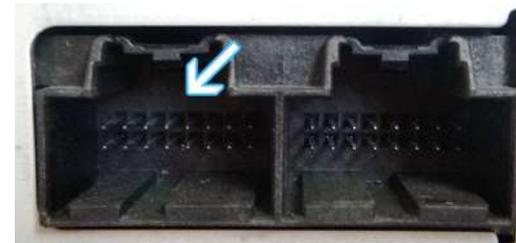


Fig. 3
non-navigation radio

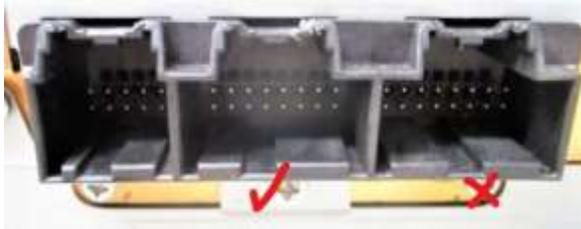


Fig. 3A
Navigation radio

4. Disconnect factory 16-pin plug (See Fig. 4) from radio socket (See Fig. 3/3A). To disconnect (Delphi); 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: GM radios have multiple 16-pin connectors “keyed” to avoid connecting errors. The A2D-ST5 16-pin plug included 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 to harness 16-pin socket (See Fig. 5)



Fig. 5
16-pin socket

6. Connect harness 16-pin plug to radio socket vacated in step 4
7. Secure **BLACK (ground) wire** to vehicle chassis or remove a radio chassis screw to secure ground wire as seen in Fig. 6



Fig. 6

Warning for vehicles with Bose: The A2D-ST5 ACC wire is initially wired through the radio 16-pin socket, however if vehicle **has BOSE amplifier**, the module will distort, play intermittently or may blow fuse. If this should happen, locate 2 clear connectors on harness and disconnect (twist off). Connect to clear plug on included extension wire (See Fig. 7) to matching connector on harness then run extension to **alternate 12V accessory source** in your vehicle (e.g., Fuse box, cigar lighter etc.)



Fig. 7

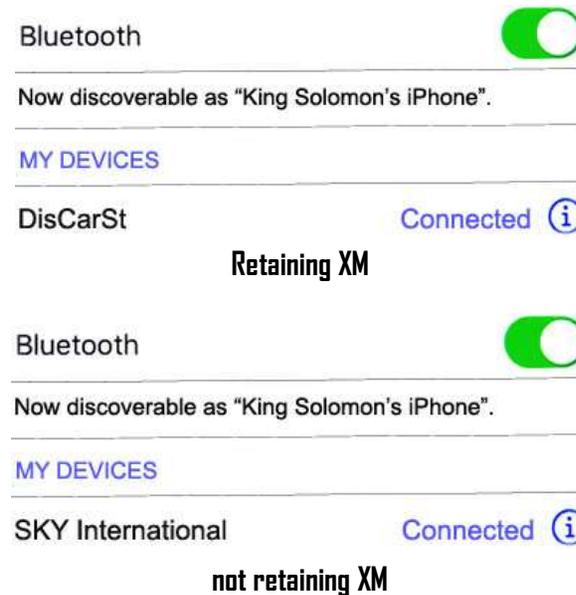
8. Locate 12V accessory at vehicles cigar lighter, fuse box, ignition cluster etc.)

Warning: Extension (Fig. 7) must be connected to a switched/accessory supply source, not constant battery supply.

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"
LED inside module peephole flashes (pairing mode)
2. On A2DP device: Go to **Settings, Wireless & Networks, Bluetooth Settings**
3. Select **Bluetooth** and turn on.
4. Select Bluetooth settings
5. Tick **Scan for devices**.
6. Based on option selected at checkout, one of two Bluetooth device names will appear. (See below). Select it from list and proceed to next step.
LED inside module peephole glows steady (paired)



Operation

1. Turn ignition and radio "ON"
2. Press radio "BAND" button until XM is displayed
3. Launch music application on smartphone or tablet
4. Adjust radio volume control to comfortable level.

Warning: Use Smartphone built-in controls to access and control audio files or applications. Radio display/controls (except volume) do not apply

5. If correct operation is confirmed go ahead and reinstall radio.

How to listen to XM (if subscribed):

- a. Press radio "BAND" or "XM" button
- b. **Disable Bluetooth** on audio device. XM playback resumes.
(Control XM from radio as customary)

To return to music streaming:

Enable Bluetooth and wait for pairing to complete.

Note: Streaming has priority and remains active until device is unpaired. XM playback is only possible if audio device is unpaired or out of range.

Optional remote control

Smart remote is optional and not required for the A2D-STS operation, however instead of fumbling with phone, simply press buttons while keeping eyes on the road. Remote can also to control smartphone when at home etc. (Does not control factory radio operations)

Remote control functions:

1. Control music wirelessly
2. Activate VR commands (Google only.)
3. Track up/down
4. Volume up/down

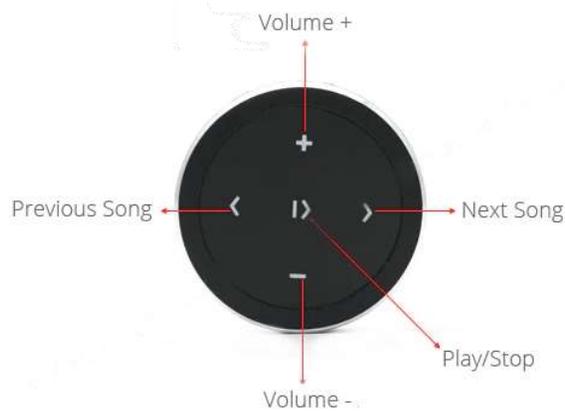
Pairing:



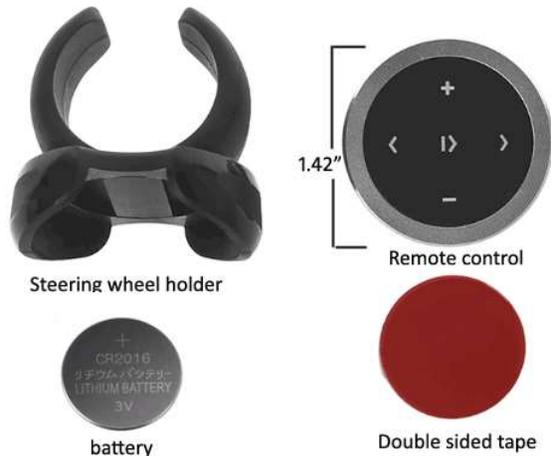
Select smart remote to pair

Operation:

Use smart remote to perform the following functions on any iOS7.0 and higher or Android 4.4 and higher.



Contents:



Frequently ask questions & troubleshooting

- Does the A2D-ST5 work in vehicles with Navigation?**
YES; works with both Navigation and non -navigation radios with XM module (U2K)
- My XM subscription has expired, will the A2D-ST5 still work?**
YES; as long as the XM module is present the A2D-ST5 will work.
- I currently subscribe to XM. Will it still work with the A2D-ST5 installed?**
YES; simply select "Subscribed" from order option drop-down menu.
- How can I verify my 2005-11 ST5 has required XM module?**
Turn radio "ON", press "BAND" button repeatedly to cycle through AM/FM/CD/XM. **If only AM/FM/CD is displayed, your vehicle does NOT have XM module and therefore incompatible.**
- Can I install this module without removing the radio?**
NO; radio removal required to gain access to the connectors.
- Can I use steering wheel or radio buttons to control music playback?**
NO; you must use audio device built-in control and display to access/control music selection or purchase optional Bluetooth remote control.
- Will I be able to place phone calls over Bluetooth?**
NO, this module supports Bluetooth streaming (A2DP) but does not support hands-free calls. Purchase our [A2DIY-ST5](#) instead.
- My module connects and pairs, but playback is distorted, low and intermittent. What can be done to remedy this?**
This is possible in vehicles with Bose amplifiers where the radio does not provide enough current to power module and turn on OE amplifier. In these situations, you must use included ACC wire extension and follow steps outlined on page 3.

Disclaimer

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

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