



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



BTA-C6

QUICK START MUSIC STREAMING INSTALLATION GUIDE FOR C6 CORVETTE WITH XM TUNER MODULE AND/OR SEPARATE 6-CD CHANGER

Created September 11, 2024
Revised March 21, 2025

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 installation guide 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 or remote CD changer in trunk or/hatch

Introduction:

Many CG owners will be pleased to know they can update the factory audio system to support Bluetooth streaming without replacing factory radio, forfeiting XM subscription or remote 6-disc changer (if preset). The BTA-C6 (formerly A2D-C6) Bluetooth audio streaming kit works in all CG with XM tuner module (U2K) regardless of subscription status (subscribed or not subscribed) and/or separate 6-disc changer in storage well. If subscribed; the service remains uninterrupted. If vehicle does not have XM but does have a remote 6-disc changer (2005-08) —it remains connected and functional. Simply select “Subscribed”, “Expired” or with remote CD changer from options on order page.

Noteworthy: If XM has expired but plans to renew in the future; select “Subscribed”, otherwise XM will not play once activated.

If XM has expired and no plan to renew in the future; select “Expired”. An aux input jack is provided to which user may connect and play portable audio devices (wired).

A Bluetooth wireless connection means no wires, clutter or complicated setup. Simply pair Smartphone, Tablet, Kindle etc. and enjoy audio books, Apple music, Pandora, Waze and other applications on the car system. This guide covers basic install steps for the BTA-C6.

For more in dept details, go to Frequent Asked question at the end of this guide.

Introduction 1: Coupes and T-Tops

All vehicles must have an XM module (U2K) in rear quarter panel (driver side) OR remote 6-disc changer in rear storage well.

(For the BTA-C6 to work, vehicle must have one or the other or both)

1. Pry up and remove top storage bracket
2. Pull back carpet to reveal XM module
3. Release module from brackets and disconnect factory 16-pin plug or if vehicle has a remote CD changer, (in rear storage) (See Fig. 1)

Delphi plug: Disconnect by pressing the release tab on 16-pin plug.

Yazaki plug: To release plug, pull back the blue locking tab, press and hold black release tab, gasp and pull plug to release from chamber (do not pull wires). —See Fig. 2-3



Fig. 1

XM tuner/6-cd changer

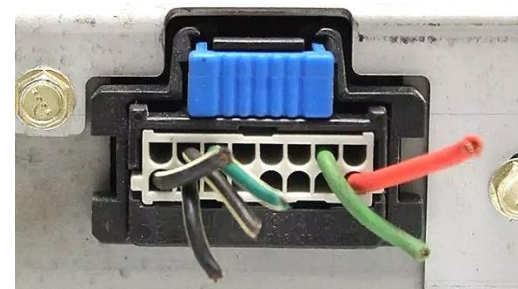


Fig. 2



Fig. 2

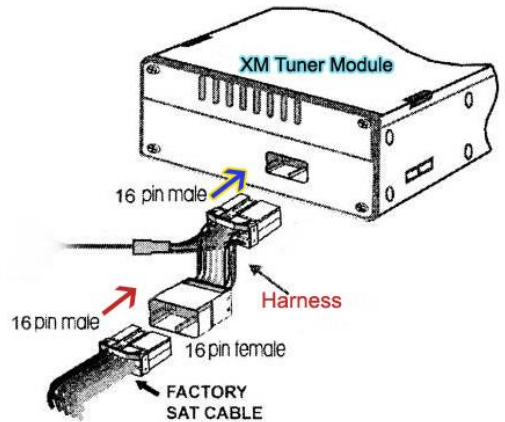


Fig. 3

4. Connect 16-pin factory plug removed from XM module or CD changer (See Fig. 3) to 16-pin socket on installation harness (See Fig. 4)



Fig. 4

5. Connect installation harness 16-pin plug (See Fig. 2) to XM module or CD changer 16-pin socket vacated in step 3 (See Fig. 3)
6. Route harness end toward the dashboard, armrest etc.
7. Route 16-pin plug/harness (See Fig. 5) toward the dashboard, armrest area and behind the dash/radio.
Alert: We recommend installing Bluetooth module (See Fig. 6) behind the radio/dashboard, but the decision to install elsewhere is totally your decision.
8. To remove console/radio, click link below for video:
<https://www.youtube.com/watch?v=lo7WyWILdT8>
9. Connect installation harness 16-pin plug (See Fig. 5) to module 16-pin connector (See Fig. 6)



Fig. 5



Fig. 6

If vehicle does not have a remote 6-disc changer and XM subscription has expired, skip to step 16; otherwise, to install aux jack:

10. Drill a 15/64" or 1/4" hole in dash or panel, push audio jack shaft (See Fig. 7) through and secure with nut (See Fig. 8)

Alert: AUX option not available to active subscribers or vehicles with 6-disc CD changers.



Fig. 7



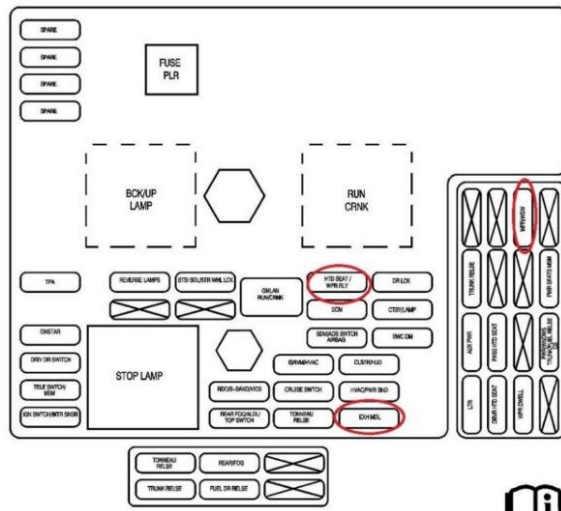
Fig. 8



Fig. 9

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

14. Connect one end of supplied male to male cable (See Fig. 9) to audio jack (See Fig. 7)
15. Route other end to front of the dash or wherever Aux device will reside (within 3 ft.)
16. Go to internal fuse panel under passenger side toe board and connect/tap red wire to HTD Seat/WPR RLY (heated seat/wiper relay) fuse or any alternate 12V accessory source circled in red. (See Fig. 10)
Accessory supply ensures module turns "ON" only when vehicle is in operation.



C6 fuse panel in passenger footwell

Fig. 10

11. Insert the Add-A-Fuse circuit (See Fig. 11) to fuse location chosen in step 16 (See Fig. 10)
12. Remove chosen fuse from fuse box
13. Insert chosen fuse into Add-a-fuse circuit empty slot (See Fig. 11)
14. Insert installation harness accessory wire (See Fig. 5) to Add-a-fuse butt connector and crimp with crimping tool or pliers
15. Insert the Add-a-fuse circuit (See Fig. 11) into chosen fuse slot in fuse box



Fig. 11

Alternate 12V accessory fuse box options include:

1. CRUISE SW (Cruise control switch)
2. WPR/WSW (Windshield Wiper/Washer)

DO not connect accessory wire to 12V battery (always on).

Alert: Check for noise from motors, sensors, modules etc. and if present, use alternate power supply or purchase a [noise filter](#)

Installation 2: Convertibles

XM module located in console (waterfall) between seats

1. Remove two 15mm Torx screws from cover
2. Remove 3 plastic pins from carpet panel
3. To complete the rest of the install, proceed to **step 3 of installation 1**
4. Secure module and proceed to next section.
5. Connect installation harness 16-pin plug (See Fig. 7) to module 16-pin socket (See Fig. 8)



Fig. 7



Fig. 8

Optional USB extension cable installation

Please note: Optional USB dash mount extension cable is not required for operation; however, it extends USB charging port (See **Fig. 11**) to dashboard, glovebox etc. **USB port supports software updates and charging only.**

1. Drill a $\frac{3}{4}$ " hole to dash or panel using a step drill bit or equivalent (See **Fig. 9**)



Fig.19

2. Fish USB cable terminal (See **Fig. 10**) through hole created in step 1 and plug into module USB port (See **Fig. 11**)



Fig. 10
USB cable



Fig. 11

3. Snap header (See **Fig. 12**) to surface until flush (See **Fig.13**)



Fig. 12



Fig. 13

4. Secure module and proceed to pairing

Pairing

Pairing process varies among devices but the process is the same. These steps are done upon initial install and will not have to be repeated. The range on this device is approximately 12 ft., so operation is possible if audio device is within range.

1. Turn ignition and radio "ON"
The module RED LED (See **Fig. 11**) glows solid
2. From your Bluetooth enabled device, turn the Bluetooth ON and search for Bluetooth devices.
3. When a list of available Bluetooth devices appears on your Bluetooth device, select "DisCarSt" (See **Fig. 14**)
4. Confirmation "tone" is heard on car speakers and module BLUE LED glows solid.
5. The unit will automatically enter the BT Audio source and you can now start streaming audio from your Bluetooth enabled device.
Note: If the mobile phone doesn't support SSP (Simple Secure Pairing) Profile, please enter the pass code of "0000"

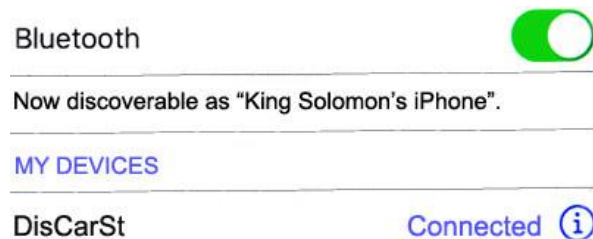


Fig. 14

Bluetooth operation

1. Turn ignition and radio "ON"
2. Press "**BAND**" or "**XM 1/2**" soft key or "**CD/AUX**" button on radio
If vehicle only has a CD changer, ensure magazine has at least one "DISC".
3. Launch audio device streaming application.
4. Set audio device volume to 80%-- adjust as needed based on playback quality (reduce if sound is distorted).
5. Use radio volume knob to set playback level.
6. Use wireless remote buttons or device built-in controls to change tracks, adjust device volume, pause etc. (See **Fig. 15**)
7. To listen to CD changer, press **Pause/Play** on remote control.
8. To switch back to streaming, press **Pause/Play** button on remote control



Fig. 15

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

Frequently asked questions

1. **My vehicle has a Navigation radio; will the BTA-C6 work?**
YES, regardless of factory radio format, the BTA-C6 will work so long vehicle is equipped with an XM module or remote 6-disc changer.
2. **My XM subscription has expired, will the BTA-C6 work?**
YES; so long vehicle has the XM module **or remote 6-disc changer (in storage well)**. If XM has expired and vehicle does not have a 6-disc changer in storage well; an AUX input jack is provided for users to connect and play portable audio devices. **See Question 4.**
3. **I'm not the original owner and don't know if vehicle has XM module. How can I find out without ripping the car apart?**
Turn radio "ON", press "BAND" or "XM 1/2" button repeatedly for radio to cycle through AM/FM/XM1. **If only AM/FM is displayed, vehicle does not have required XM module. See Question 5.**
4. **XM is currently expired but plan to renew at a later date. Which version should I purchase?**
This question is a bit tricky. If XM has expired and vehicle has a remote 6-disc changer in storage well; select "Subscribed", but if vehicle does NOT have a remote 6-disc changer; you must also select "Subscribed".
Expired option disables both XM and/or 6-disc changer playback.
5. **My radio is XM ready but vehicle does not have XM module. Will the BTA-C6 work?**
NO; XM ready means radio is capable of supporting optional XM (U2K). Early C6 were only pre-wired for XM but the module was not installed.
In the absence of XM module; vehicle must have a remote 6-disc changer (in storage well) for the BTA-C6 to work otherwise users are required to purchase and install an unlocked XM module.
6. **Can I use the BTA-C6 to make/receive hands free calls?**
NO; the BTA-C6 does NOT support Hands-Free calls. See our [BTH-C6](#) instead.
7. **Will I be able to control Bluetooth from radio controls?**
NO; the factory radio buttons do NOT control the BTA-C6. Use included remote control (See Fig. 14) Use radio volume button to set playback level.

8. **What's the difference between "Subscribed" and "Expired" options?**
Expired means vehicle has XM module but subscription has expired and will not be activated in the future. **In this instance, an AUX input jack (wired) is provided for users to connect and play portable audio devices. (e.g. MP3 players, iPod, car play, etc.)**
Subscribed: means vehicle has XM module and subscribed to the service or currently expired but plan to activate in the future.
If subscribed the AUX option is omitted.
If vehicle has a 6-disc changer in storage well (2005-08); it remains connected and functional.

WARNING: If XM subscription has expired and plan to renew at a future date, select "Subscribed" otherwise XM playback will be impaired upon renewal.

9. **My 2006 C6 does not have XM module or wired for it. What can I do to get the BTA-C6 module to work?**
You may purchase an XM retrofit harness [here](#) plus a used "unlocked" XM module.
10. **My vehicle has the Navigation radio and 6-disc changer in storage well. Will the BTA-C6 work?**
YES, the BTA-C6 will also work with the 6-disc changer in storage well.
11. **This module does not support hands-free calls, so what happens when the phone rings?**
Your streaming session is muted; answer call using handset as customary. When call ends, music streaming resumes.

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

© 1995-Mar-25 Discount Car Stereo, Inc. All rights reserved. Information in this document is subject to change without notice. Other products and companies referred to herein are trademarks or registered trademarks of their respective companies or mark holders.