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



## **BTH-C6X**

### **QUICK START BLUETOOTH INSTALLATION GUIDE FOR C6 CORVETTE WITH XM MODULE**

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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 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 MODULE** in quarter panel or Console between seat

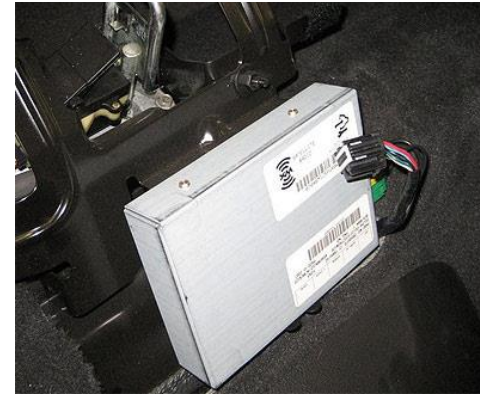
## Introduction

If your CG has an XM module (with or without subscription) and interested in adding Bluetooth capabilities without changing factory radio you should consider the BTH-C6x (**formerly A2DIY-C6X**). Safety comes first when you're on the road, so having an intuitive and easy to use Bluetooth kit is essential to reducing driver distraction. The BTH-C6x kit is compatible with virtually all Bluetooth phones, and sounds great whether using it for mobile conversations, streaming music or listening to XM (if subscribed) and thanks to the built-in USB port (5V/2A); it is also able to charge those power-hungry devices. The included remote control can be mounted to dashboard or steering wheel to adjust volume, track selection, switch between sources (e.g., Bluetooth and XM). Thanks to the BTH-C6X kit users able to **keep factory radio and XM subscription** while enjoying Bluetooth features only available on newer cars. If XM subscription has expired; an AUX input jack is provided to which users may connect and play portable audio devices.

See **Frequent Asked question** at the end of this guide.

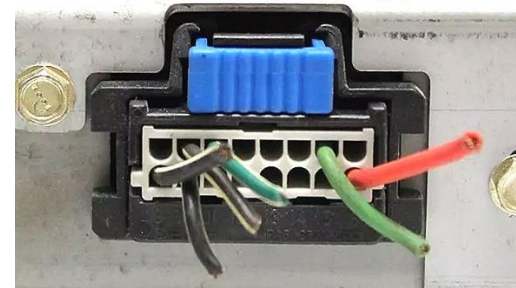
## Installation 1 : Coupes and T-tops

Locate XM module in rear quarter panel (driver side)—See **Fig. 1**



**Fig. 1**

1. Pry up and remove panel
2. Pull carpet out to reveal tuner
3. **Delphi plug:** Disconnect by pressing the release tab on 16-pin plug.  
**Yazaki plug:** To release plug, pull back on blue locking tab, press and hold black release tab, gasp lug and release from chamber (**do not pull wires**). –See Fig. 2/2A



**Fig. 2**



Fig. 2A

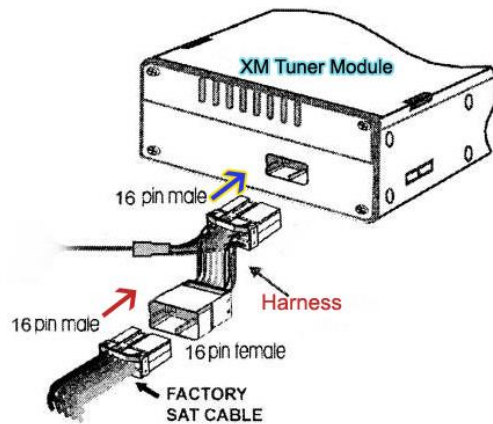


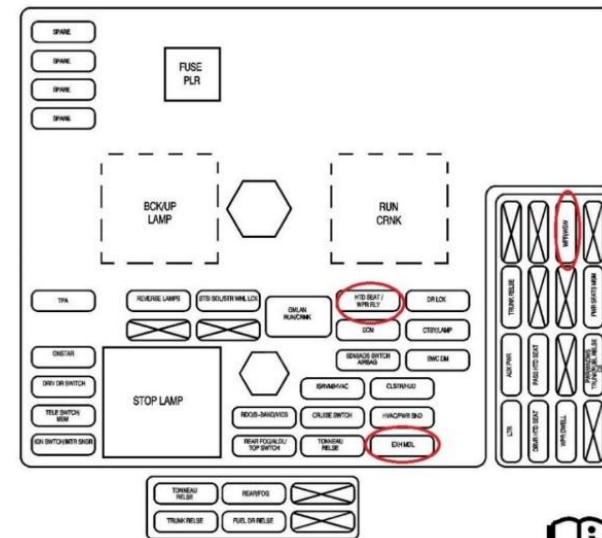
Fig. 3

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



Fig. 4

5. Connect installation harness 16-pin plug (See Fig. 2A) to XM module 16-pin socket vacated in step 1(See Fig. 3)
6. Locate 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. 5) **Accessory supply ensures module turns "ON" only when vehicle is in operation.**



C6 fuse panel in passenger footwell

Fig. 5

7. Locate an accessory fuse (see suggestions below) for the Add-A-Fuse circuit (See Fig. 6)

8. Remove fuse from fuse box
9. Insert accessory wire to Add-a-fuse butt connector and crimp with crimping tool or pliers.
10. Insert factory fuse (from step 8) into spare slot in Add-a-fuse circuit
11. Insert the Add-a-fuse circuit into fuse

C6 fuse panel in passenger footwell



Fig. 6

### 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).**

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

**Vehicles with active subscription; proceed to step 15.**

**If subscription has expired (no plans to renew):** Drill a 15/64" or 1/4" hole in dash or panel, push shaft on audio jack (See Fig. 7) through and secure with nut (See Fig. 8)

**AUX option not available to active subscribers.**



Fig. 7



Fig. 8



Fig. 9

**Warning:** 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.

12. Connect one end of supplied male to male cable (See Fig. 9) to audio jack (See Fig. 8) and the other end to AUX device
13. Secure microphone to headliner or visor using included clip (See Fig. 9)
14. Route microphone cable (10 ft. long) down side pillar, under steering column and into radio cavity,

15. Connect microphone right angle plug to module "MIC" input. (See Fig. 11)  
*Wind noise will negatively affect phone audio. Users are advised to install microphone away from wind/ventilation ducts etc.*



Visor microphone  
Fig. 10



Fig. 11

16. Connect installation harness 16-pin plug (See Fig. 12) to module 16-pin connector (See Fig. 13)

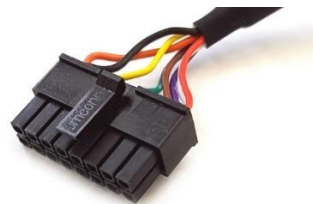


Fig. 12



Fig. 13

## Optional USB extension cable installation

**Notes:** 1. Optional 6 ft. dash mount USB extension cable is not required for operation; however, it extends USB charging port built-into the module (See Fig. 11) to dashboard, glovebox etc. As an alternate; connect your own USB charging cable to the module.

2. *The USB port supports software updates and charging only*

1. Drill a  $\frac{3}{4}$ " hole to dash/panel using a step drill bit or equivalent (See Fig. 14)



Fig. 14

2. Fish USB cable terminal (See Fig. 15) through hole created in step 1 and plug into USB port on module (See Fig. 16)



Fig. 15  
6ft. USB cable



Fig. 16

3. Snap header (See Fig. 17) to surface until flush (See Fig.18)



Fig. 17



Fig. 18

Tuck and secure any extra wires from moving parts and proceed to next step

## Installation 2: Convertibles

XM module located in console (waterfall) rear end between seats.

1. Remove two 15mm Torx screws from cover
2. Remove 3 plastic pins holding from carpet panel
3. Complete the rest of the install by returning to **step 3** on page 2.
4. Secure module and proceed to next section.

## Bluetooth pairing and connection

Pairing process varies among devices but the 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 smart device: Open **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. 19 to connect to it.
6. Once connected, (DisCarSt) should show up as "Connected" in the list of devices.
7. A confirmation tone is heard on car speaker

Bluetooth



Now discoverable as "King Solomon's iPhone".

MY DEVICES

DisCarSt

Connected ⓘ

Fig. 19

## Operation

1. Turn ignition and radio "ON"
2. Press "BAND" or "XM 1/2" soft key button on radio
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. 20)
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. 20

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

## Frequent asked questions & troubleshooting

1. **My vehicle has a Navigation radio, will the BTH-C6x work?**  
**YES.** Regardless of factory radio format, the BTA-C6x requires an XM module.
2. **My XM subscription has expired, will the BTH-C6x work?**  
**YES;** so long vehicle still has XM module (with or without subscription).
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" button repeatedly as radio cycle through AM, FM, XM. **If only AM, FM is displayed, your vehicle does not have the required XM module. See Question 5.**
4. **My radio is XM ready but vehicle does not have an XM module. Will the BTH-C6x work?**  
**NO;** XM ready means radio is capable of controlling optional XM module but tuner is not currently installed. Early C6 were pre-wired for the U2K option, but for the BTH-C6x to work vehicle must have an XM module (with or without subscription).
5. **What is the difference between the BTH-C6x and BTA-C6?**  
The BTH-C6x supports Hands-free calls and music streaming, whereas the BTA-C6 only supports music streaming (**No hands-free calls**)
6. **Why do I have run a +12V accessory wire to fuse box?**  
**YES.** Unfortunately, there is no 12V accessory supply on XM harness, therefore accessory power must be obtained elsewhere. The BTA-C6x requires accessory power so not drain the car battery etc.
7. **My 2006 C6 does not have XM module nor is it wired for one. What can I do to get the BTA-C6x to work?**  
In 2006-07 C6 XM was optional and some vehicles may not be wired for XM. In order to retrofit XM, you will need an installation harness, XM tuner and antenna (antenna not required if installing XM for the purposes of the BTA-C6x installation)  
Installing a brand-new tuner requires **programming**, however, if installing a used tuner, it must first be "**unlocked**".
8. **Will the radio display call number and song name?**  
**NO.** Caller's name/number, song name etc. **are not displayed on car radio screen.**



9. **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](#).
10. **Does the remote also control the radio or XM functions?**  
**NO.** The included remote is only able to control the select Bluetooth functions shown in **Fig. 20**
11. **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. 21**  
Red LED indicator confirms battery condition (press any button)



Fig. 21

#### 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](mailto:support@discountcarstereo.com)

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