

## **BT5x-GM3x**

### **QUICK START BLUETOOTH INSTALLATION GUIDE FOR 2003-12 GM WITH XM MODULE**

Created August 16, 2024  
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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

2003-12 GM TRUCKS SUV S WITH XM MODULE

## Introduction

Many 2003-12 GM Class II vehicles were outfitted with XM and may have offered a free 1-year subscription after which time some may have opted to renew their subscription while others did not, in any case the XM module (See Fig. 1) remain. If the XM module in your vehicle does not have an active subscription (expired); the BT5x-GM3x uses the XM port to input audio from smart device. A Bluetooth connection means no wires, clutter or complicated setup. Simply connect the BT5x-GM3x to XM module (usually behind glovebox) pair smart device, and enjoy Hands-free calls, music applications including audiobooks, internet music sites, GPS apps and more. For the BT3x-GM3x to work, **vehicle must have an XM module (without subscription).**

**Warning:** If XM subscription is active, XM playback will be impaired upon installing the BT5x-GM3x.

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

## Installation –to XM module

**Warning:** The BT5x-GM3x connects to the 16-pin plug on XM module.

1. Locate XM module. (See Fig. 1)  
**For help locating XM module, go to last page of this guide.**
2. Disconnect 16-pin plug from XM module by pressing black release tab (See Fig. 1)  
**Note:** Vehicles with Delphi plug (See Fig. 2) must **pull** blue locking tab, then **press black release tab.** (Avoid pulling wires) (See Fig. 2)

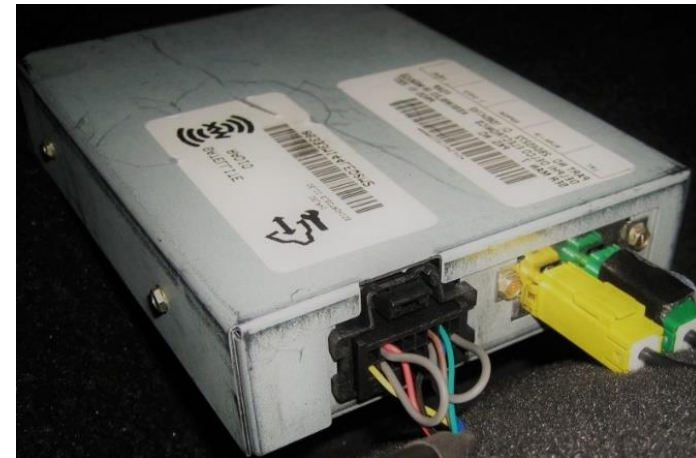


Fig. 1  
XM module

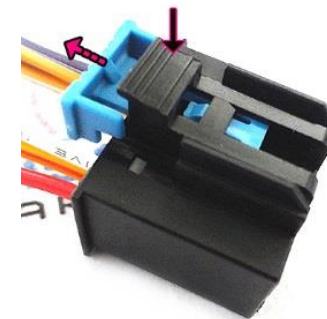


Fig. 2  
Delphi 16-pin plug

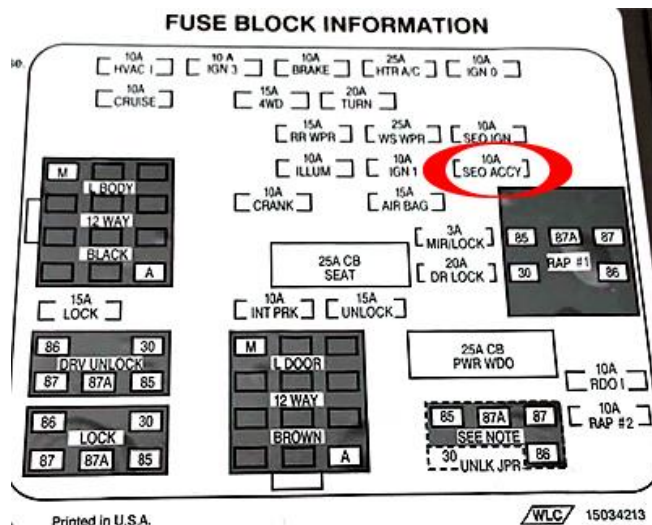
3. Connect 16-pin plug (from step 2) to 16-pin socket on harness (See Fig. 3)



**Fig. 3**  
16-pin socket

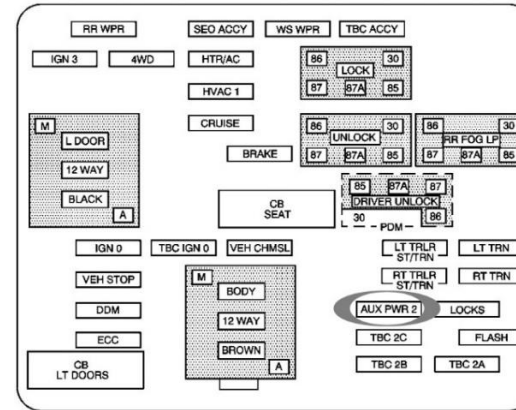
4. Connect 16-pin plug from harness (See Fig. 2) to 16-pin XM socket vacated in step 2.
5. Tap/connect red wire to **12V Accessory supply** in vehicle. Use voltmeter or test light to determine circuit condition and ensure power is only available when ignition key is in "ACC", "ON", "RUN" or "RAP" positions. Accessory supply usually available in vehicle fuse block.

**We do not recommend connecting red wire to 12V constant (battery) supply. Module will not pair automatically upon entering vehicle, and eventually drain car battery.**



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**Warning:** Accessory (ACC) supply available on BROWN wire (Most GM's) under steering column, climate control harness or driver side fuse panel. Use voltmeter to verify voltage and check for engine noise prior to finalizing. Accessory power is active when ignition is in "ACC" or "ON" positions

6. Use clip to secure microphone to headliner or visor (See Fig. 4)
7. Route microphone cable (10 ft. long) down side pillar, under steering column and into radio cavity.
8. Connect microphone plug to module "MIC" input jack. (See Fig. 5)  
**Wind noise will negatively affect phone audio. Users are advised to install microphone away from wind/ventilation ducts etc.**



**Fig. 4**



**Fig. 5**

**Excursive caution when routing microphone so to not damage the cable and ensure no ventilation ducts are pointed towards microphone.**

## Optional USB-Type C charging kit



Should you decide to add it, we suggest one of 3 installation options:

- A. Flush to dash/panel requires drilling a 3/4" hole**
- B. Flush with support bracket** (Mount terminal wherever your installation demands without drilling)
- C. Freestanding-** (default)

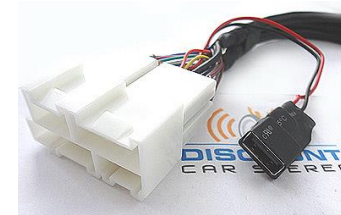
### **A. Flush to dash/panel (drilling required)**

1. Drill a 3/4" hole in the dash/panel using a step drill bit or equivalent (See Fig. 6)



**Fig. 6**  
Step drill bit

2. Insert cable through hole created in step 1
3. Locate USB type-C port **Fig. 7**
4. Connect cable from step 2 to charger USB type C- port



**Fig. 7**

5. Snap USB head to opening until flush with surface (See **Fig. 8**)



**Fig. 8**

Tuck and secure any extra wire from moving parts and test operation

### **B. Bracket Mount (No drilling)**

1. Locate a flat surface at location of choice within 3 ft. of radio to mount USB support bracket (See **Fig. 9**)
2. Use tape backing or screws to secure bracket to surface



**Fig. 9**  
mounting bracket

3. Insert USB cable through bracket hole (See **Fig. 10**) and connect to USB Type-C port (See **Fig. 7**)



**Fig. 10**

4. Snap USB head to bracket until flush (See **Fig. 11**)



**Fig. 11**

#### NOTES:

iOS devices require lightning to USB-C adapter cable (not included)  
Android devices require USB-C to USB-C or Micro-USB cable (not included)

5. Connect **BLACK** wire to ground (radio chassis or ground wire), and **RED** or **YELLOW** to accessory or battery supply. Your choice!

## Media remote control

### Operation:

The included infrared remote allows users to perform the following functions:

**Note: These remote-control functions apply to smart devices; NOT the radio.**



### Installation:

Attach the button to steering wheel or dashboard using included double-sided tape – your choice.

The battery (CR2025) has been installed upside down. Please flip battery when ready and remove will be ready for use.



## Bluetooth pairing

Pairing 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. Go to smart device *Bluetooth Settings*
3. Select *Bluetooth* to enable
4. Tap *Scan for devices*.
5. Wait for Bluetooth device name (See Fig. 13) to appear and tap it. *Once paired confirmation tone is heard on car speakers*

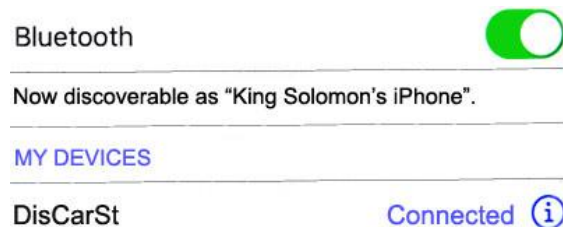


Fig. 13

**Noteworthy:** On Android devices it may be possible to change ID to something of your choosing. This may not be possible on newer iOS devices.

## Bluetooth operation

1. Turn ignition and radio ON
2. Press "BAND" button to enter Bluetooth mode
3. Launch Smartphone or tablet music streaming application.
4. Use remote control buttons (See Fig. 14) or device built-in controls to change tracks, adjust device volume, pause etc.
5. Place test phone call or ask someone to call
6. To accept call, press "previous track" button on remote control
7. Adjust call volume using remote control +/-buttons, steering wheel controls or radio volume knob.
8. To end call, press "Next track" button on remote
9. If correct operation is confirmed go ahead and reinstall radio.



Fig. 14

**Warning:** Playlist and Track selection is *\*NOT\** possible using GM radio buttons. Use audio device built-in controls and display or remote-control buttons to access and control audio files and applications.

10. Secure module and re-install radio.

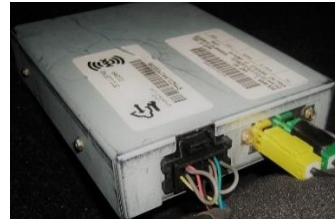


## Frequent ask questions & troubleshooting

- What is the difference between the BT5x-GM3x and A2DIY-GM3x?**  
 The BT5x-GM3x connects to the 16-pin socket on XM module and the A2DIY-GM3x connects to the 12-pin socket on AM/FM radio (headunit). The BT5x-GM3x works in vehicles with XM module (expired subscription). The A2DIY-GM3x also works in vehicles with XM module (expired or active).
- Does the BT5x-GM3x work with the remote 6-CD changer radio (changer not built-into radio)?**  
**YES; however, the CD changer remains connected but will not play and at least 1 disc must remain in CD changer magazine.**



GM remote CD changer



GM XM module

- My vehicle is equipped with both a remote CD changer and XM module; do I need to disconnect anything for the BT5x-GM3x to work?**  
**NO; The BT5x-GM3x requires XM module or remote CD changer; however, the BT5x-GM3x impedes CD changer and/or XM playback.**
- I've followed the install guide but not able to listen to XM.**  
 With the BT5x-GM3x installed, XM playback is impaired.
- My vehicle has XM module (expired subscription); however, I do plan to subscribe in the future. Will the BT5x-GM3x still work?**  
 If you plan to renew XM subscription, we do not recommend the BT5x-GM3x because it impedes XM playback. Purchase our [A2DIY-GM3x](#) instead.
- What's the difference between "Subscribed" and "Not Subscribed"?**  
 Not subscribed means you are no longer able to tune XM programming (except preview channel). Subscribed means you are able to tune XM programming.  
 Warning: The BT5x-GM3x works in vehicle with XM module with or without

subscription. **If subscribed, XM playback is impaired upon installing the BT5x-GM3x.**

- My radio has a "BAND" button but vehicle does not have an XM module; will the BT5x-GM3x work?**  
 If vehicle does not have an XM module, the BT5x-GM3x will NOT WORK.
- Where is the XM module located in my vehicle?**  
 See chart below

Make	Model	XM module location
Buick	Rendezvous	Behind glovebox
	Terraza	Above steering column
Cadillac	Escalade (EXT/ESV)	Behind Glovebox
Chevrolet	Avalanche	Behind glovebox
	Colorado	Behind Glovebox
	Silverado	Behind glovebox
	Suburban	Behind glovebox
	Tahoe	Behind glovebox
	Trailblazer	Behind glovebox
	Venture	Above Steering Column
GMC	Canyon	Behind glovebox
	Denali/XL	Behind glovebox
	Envoy	Behind glovebox
	Sierra	Behind glovebox
	Yukon/Denali	Behind glovebox
Hummer	H2	Behind Glovebox
	H3	Behind Glovebox
Isuzu	Ascender	Behind Glovebox
Oldsmobile	Bravada	Behind Glovebox
	Silhouette	Above Steering Column
Pontiac	Aztek	Behind Glovebox
	Montana	Above Steering Column
Saab	9-7x	Under Glovebox panel

**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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