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## AUX-GM3X

### QUICK START AUX INSTALLATION GUIDE FOR GM CLASS II RADIOS WITH XM TUNER

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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 TUNER MODULE \*(U2K RPO) WITH OR WITHOUT RSE

## Introduction

Thousands of GM cars, trucks and SUVs include RSE and/or XM module (U2K option) but lack aux input jacks for Smartphone, iPod, MP3 player etc. See; GM installed an XM module (Not built into AM/FM radio) in many vehicles and even though the one-year free introductory offer may have expired, the XM module remains and this is great news for anyone looking to add an AUX. The **AUX-GM3x** cable uses the XM port to provide an input for all kinds of audio devices including Smartphones, MP3 players, iPods etc. and is also able to retain XM playback (if subscribed). Be mindful that your **vehicle MUST have an XM module (with or without subscription) with or without RSE**. XM module is a small electronic box (See **Fig. 2**) installed in a remote area of vehicle and not built-into AM/FM radio.

**Warning:** XM module is not part of or is built-into the AM/FM radio, but a separate "metal box" in remote area (e.g., under glovebox, rear side panels, trunk etc.) See table at the end of this guide for possible XM module location.

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

## Installation—to XM module.

**Warning:** The **AUX-GM3x** connects to the 16-pin plug at the XM module in remote location. It **does not fit or** connect to the 12-pin plug on AM/FM radio in the dash. Connection to the AM/FM radio requires radio removal and our **AUX-GM3**

1. Locate XM module (See chart at the end of this guide for location)
2. Disconnect 16-pin plug from XM module (See **Fig. 2**). Pull blue locking tab (See **Fig. 3**), press and hold black release tab, slide plug from tuner socket. **Warning:** Image in **Fig. 1** is **NOT** the 16-pin XM plug.



Fig. 1

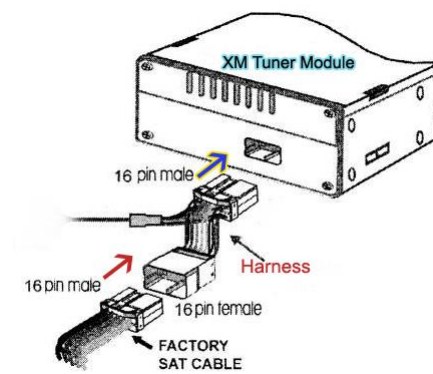


Fig. 2

3. Connect factory XM 16-pin plug (See Fig. 3) to harness 16-pin socket (See Fig. 4)

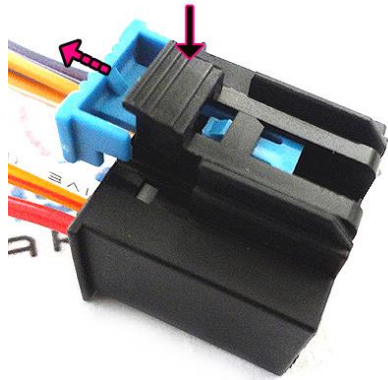


Fig. 3  
16-pin plug

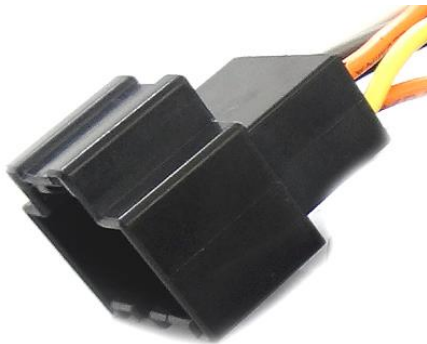


Fig. 4  
16-pin connector

4. Connect harness 16-pin plug (See Fig. 3) to XM module 16-pin socket vacated in step 1
5. Carefully route aux jack (See Fig. 5) to location on dash or nearby panel where it will be mounted (within 4, 6 ft. etc.) final location will vary based on vehicle and customer's preference.



Active subscription jack



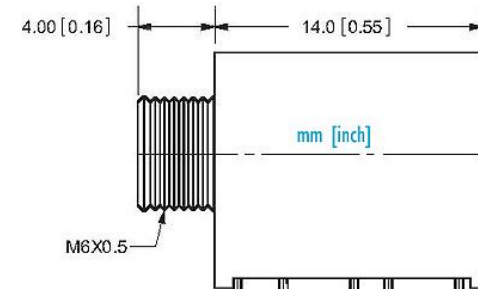
Expired subscription jack

Fig. 5

6. **Optional:** Drill a 15/64 or 1/4" hole in dash or panel, push aux jack shaft through and secure with nut (See Fig. 6)



Fig. 6



**Warning:** Aux 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.

## Operation

1. Turn ignition and radio "ON"
2. Press "BAND" or "XM" button until XM1 or XM2 is displayed
3. Connect audio device to aux jack using a 3.5 to 3.5mm audio cable similar to one seen in (See Fig. 7)
4. Put audio device in play mode and ensure volume is at 80% or higher



Fig. 7  
(not included)

5. Use radio volume control button to set playback level. If distortion is heard lower volume on audio device.

**Warning:** Playlist and Track selection is \*NOT\* possible from radio buttons. Use audio devices built-in controls to access and control audio files and selection

6. To listen to XM simply disconnect audio cable from aux jack and operate XM as customary. (Audio device may remain connected to audio cable, but the other end must be disconnected from AUX jack)  
**AUX-GM3x jack must be empty or as seen in Fig. 5**
7. If correct operation is confirmed go ahead and reinstall panels surrounding the XM module.

**ALERT: Aux jack (See Fig. 5) must be empty otherwise XM playback will be distorted, low, scratchy etc.**

## Frequent ask questions & troubleshooting

1. **What is the difference between your AUX-GM3 and AUX-GM3x?**

The major difference is **where they connect in vehicle**. The AUX-GM3 has a 12-pin plug and connects to the 12-pin socket on the AM/FM radio (requires XM module or remote CD changer or RSE).

The **AUX-GM3X** has a 16-pin plug and connects to the 16-pin socket on XM module found in a remote area of vehicle and vehicle must have an XM module (U2K option) or RSE. See 12/16-pin plugs below.



2. **Can I install the AUX-GM3 if vehicle has XM module?**

**YES.** The AUX-GM3 connects to the 12-pin socket on the back of the headunit (AM/FM radio). Vehicle must be equipped with XM module, remote CD changer or DVD (RSE)

3. **Where is the XM module located?**

See table on next page for possible XM module location.

4. **Does the AUX-GM3x work in all GM Class-II vehicles?**

**YES;** so long vehicle has an **XM module** with or without subscription.

5. **Will I be able to use smartphone speakerphone feature?**

Use smartphone speakerphone mode to hear callers voice on car speaker. This option is limited by smartphone not this cable.

6. **My vehicle does not have an XM module, how can I connect/play my portable device?**

At present we have no offering for vehicles without XM module

7. **Which cable length should I select from options?**  
Measure distance between XM module and location where you intend to place 1/8" audio jack, then select from available options in drop-down menu.
8. **What's the difference between Expired and Active? Which do I select?**  
If subscription has expired with ***NO plans*** to renew, purchase "Expired"  
If subscription has expired with **plans to renew** at future date, select "Active"  
**Important:** Expired version will **not allow** XM playback at any time, therefore to retain XM playback (now or in the future), purchase "Active" version.
9. **I don't know if vehicle has XM module. How can I find out without ripping car apart?**  
Turn radio "ON", press "BAND" button repeatedly to cycle through AM/FM/XM1/XM2. **If only AM, FM is displayed, vehicle does not have required XM module and therefore not compatible with this part.**
10. **My factory radio has a "BAND" button but no XM module. Will this work?**  
**NO:** For the AUX-GM3x to work, vehicle must have an XM module.
11. **Do you offer a music streaming option for my GM with XM module?**  
**YES,** See our [A2D-GM3x](#)
12. **After connecting everything, playback is noisy/humming. Any ideas?**  
Ensure audio device volume is set to 80% or more.  
When listening to XM (if subscribed) ensure the jack on the **AUX-GM3x is empty.** (no connection)

Make	Model	XM module location
Buick	Allure	Left Rear Q-Panel
	Enclave	Right Rear Q-Panel
	LaCrosse	Behind Rear-Left Q-Panel (Trunk)
	LeSabre	Left Rear Q-Panel
	Lucerne	Left Rear Trunk
	Rainier	Above Pass-side dash Panel
	Rendezvous	Behind glovebox
	Terraza	Above steering column
Cadillac	CTS	Rear Shelf (Deck) Left Side
	DTS	Left-Rear (Trunk)
	Deville	Behind Rear Seat/Left Q-Panel
	Escalade (EXT/ESV)	Behind Glovebox
	SRX	Behind Rear Right Q-Panel
	XLR	Between Seats
Chevrolet	Avalanche	Behind glovebox
	Cavalier	Rear Shelf (Deck) center
	Colorado	Behind Glovebox
	Corvette Coupe	Rear Left Q-Panel (above wheel well)
	Corvette Convertible	Between Seats inside hatch cover
	Equinox	Left Rear Q-Panel
	HHR	Rear Right Q-Panel
	Impala	Right Rear Q-Panel
	Malibu	Under Shelf (deck) left Side
	Monte Carlo	Behind Rear Left Q-Panel
	Silverado	Behind glovebox
	Suburban	Behind glovebox
	Tahoe	Behind glovebox
	Trailblazer	Behind glovebox
	Uplander	Above Steering Column
Venture	Above Steering Column	
GMC	Acadia	Rear Right Q-Panel
	Canyon	Behind glovebox
	Denali/XL	Behind glovebox
	Envoy	Behind glovebox
	Sierra	Behind glovebox
	Yukon/Denali	Behind glovebox

<b>Hummer</b>	H2	Behind Glovebox
	H3	Behind Glovebox
<b>Isuzu</b>	Ascender	Behind Glovebox
<b>Oldsmobile</b>	Alero	Right Front Passenger compartment
	Bravada	Behind Glovebox
	Silhouette	Above Steering Column
<b>Pontiac</b>	Aztek	Behind Glovebox
	Bonneville	Left Rear Q-Panel
	Grand AM	Left Rear Q-Panel
	Grand Prix	Right Front Passenger Compartment
	G6	Rear (Trunk)
	G8	Rear (Trunk)
	Montana	Above Steering Column
	Sunfire	Rear Deck (center)
Vibe	Right Rear Q-Panel	
<b>Saab</b>	9-7x	Under Glovebox panel
<b>Saturn</b>	Relay	Above Steering Column

#### Disclaimer

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

Email [support@discountcarstereo.com](mailto:support@discountcarstereo.com)

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