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BTA-C5

QUICK START STREAMING MODULE INSTALLATION GUIDE FOR 1997-04 CORVETTE WITH FUNCTIONING 12-DISC CD CHANGER

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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:

- 1997-04 Corvette
- Fully functioning 12-disc CD changer in trunk/hatch

Introduction:

If your C5 has a functioning 12-disc changer and looking to add music streaming; the BTA-C5 (**formerly A2D-C5**) is for you! Users may opt to connect/install module at the radio or trunk. **The required 12-disc CD changer remains connected and operational; however, if the 12-disc changer malfunctions (e.g. skips, displays Err etc.); this module will NOT work.** To operate, simply pair smartphone or tablet and enjoy GPS prompts, Apple music, Pandora and more on the car system. All controls and display remain with audio device or included wireless remote control. – C5 radio buttons (except volume) do not apply. **See Frequently Asked question at the end of this guide.**

Installation 1: Connects to the radio

Warning: Harness in **Fig. 2** connects module to the radio behind the dash. Harness in **Fig.8** connects module to the CD changer 10-pin plug in trunk/hatch. **Regardless of install location, a functioning multi-disc CD changer is required.** (Don't ignore this warning)

Radio removal required. (Click links below for radio removal video)

<https://www.youtube.com/watch?v=Gcrlufoctc>

<https://www.youtube.com/watch?v=WTbWYNJTSDs>

1. Press black release tab to disconnect 20-pin plug from radio. (See **Fig. 1**)



Fig. 1

2. Connect factory 20-pin plug (from step 1) to installation harness mating 20-pin white socket (See **Fig. 2**).



Fig. 2

radio install harness

3. Connect installation harness 20-pin black/gray plug (See **Fig. 2**) to radio 20-pin socket vacated in step 1
4. Tuck and secure any extra wires away from moving parts and **proceed to "Pairing" on page 5.**

Installation 2: (To 10-pin plug in trunk/hatch)

Warning: This installation option is completed at the vehicles rear and vehicle must have a **CD changer**. **Changer remains connected and functional**. If vehicle does not have a CD changer or if it malfunctions; the A2D-G5 **will not work**.

1. Locate factory changer in trunk/hatch (See **Fig.3**) and disconnect 10-pin plug (See **Fig. 5**). Disconnect plug from CD changer by reaching underneath the changer, pressing release tab or dismount changer from bracket.



Fig. 3
12-disc changer in hatch

2. Connect factory 10-pin plug (See **Fig. 4**) to 10-pin socket (white) on install harness (See **Fig. 5**)

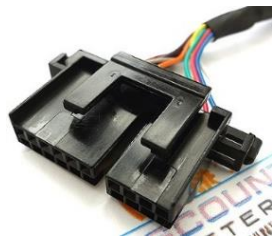


Fig. 4
10-pin plug

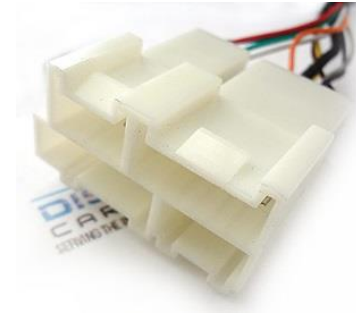


Fig. 5
socket

- a. Connect 10-pin plug from install harness (See **Fig. 4**) to 12-disc changer socket vacated in step 1 (See **Fig. 6**)



Fig. 6
cd changer connector

- b. Run accessory wire to suitable 12V+ Acc supply at fuse panel.

Where to get 12V ACC/Switched power

Wiring accessory wire to fuse panel etc. applies only to installs at the 10-pin CD changer plug.

1997-03 vehicles have a 3-pin plug under passenger seat near BCM (may be covered in black duct tape) – (See Fig. 7) The yellow wire is ACC. If vehicle does not have 3-pin plug; go to **Alternate 12V Acc. supply.**

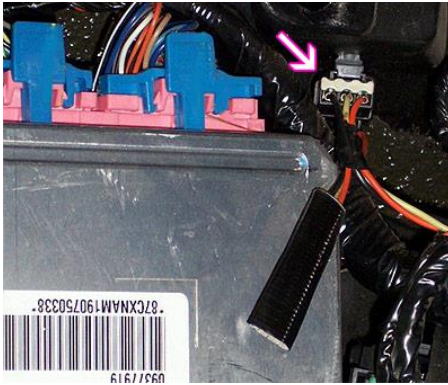


Fig. 7

Note: 3-pin plug may not be present in all vehicles and may have been omitted from model year 2004.

Convertibles:

It is also possible to get 12V from factory antenna wiring behind passenger side trunk area. Simply pull carpet away and locate 3-pin wire plug (orange, pink, black) (See Fig. 8). The pink will power module when radio is turned on/off. Tap/splice included accessory wire (red) to pink wire on 3-pin plug.



Fig. 8

Alternate 12V Acc. supply:

Fuse #11 of interior fuse box (under passenger toe board) as seen in Fig. 10 is a good alternate.

The add-a-fuse [mini-tap](#) circuit seen in Fig. 9 is included for this purpose.

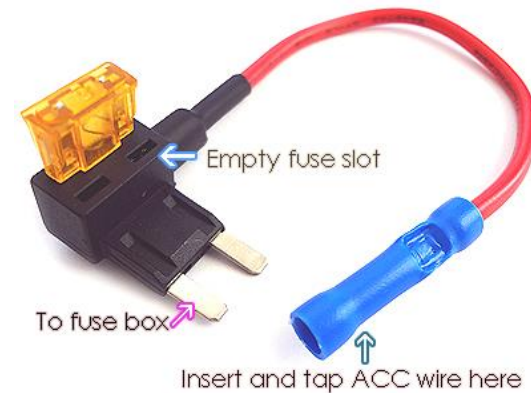


Fig. 9

fuse tap circuit

How to use the Add-a-fuse circuit connection

- Strip 1/4- 3/8" insulation from included accessory wire.
- Look inside blue connector to see where metal ends. Useful in step d.
- Insert stripped wire to blue connector (See Fig. 4)
- Hold wire in place and crimp down (crimping tool, pliers etc.) After crimp, **pull wire to verify crimp integrity.**
- Remove fuse #11 (if present) from vehicle fuse box otherwise skip to **step g.**
- Insert factory fuse to empty slot on add-a fuse circuit
- Insert add-a-fuse circuit to fuse slot # 11

Noteworthy: If slot #11 has no fuse; the empty fuse slot on add-a-fuse tap remains empty. To test your connection simply turn ignition "ON" and verify LED (seen through peephole) is flashing, otherwise check voltage at fuse slot and/or check crimp integrity.

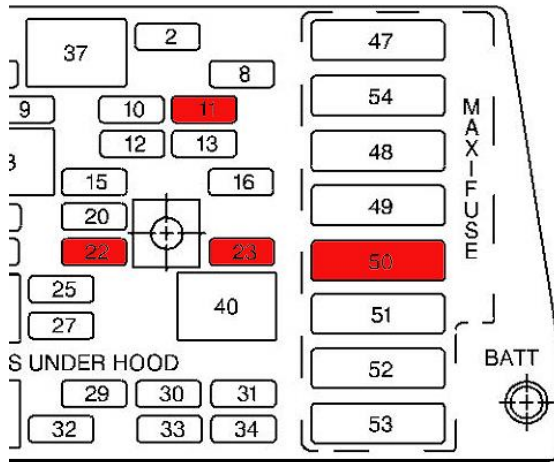


Fig. 10

C5 interior fuse box (yours may be different)

Noteworthy: If streaming is interrupted when headlights, wipers, defroster, A/C etc.; the 12V circuit used to power module is drawn too low.
To resolve find an alternate 12V ACC circuit to power module.
 Also, on rare instances if smartphone volume is set too high, it will "clip" and module will un-pair and reconnect intermittently.
To resolve, lower volume on audio device.

5. Connect installation harness 16-pin plug (See **Fig. 11**) to module 16-pin socket (See **Fig. 12**)

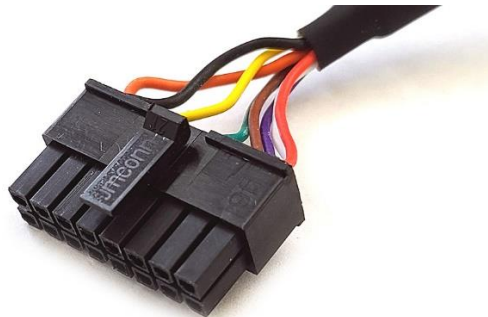


Fig. 11



Fig. 12

USB charger

The integrated USB port (See **Fig. 13**) provides 5V/2A charging. Simply connect your devices charging cable directly to USB port or for a custom install; purchase optional dash mount USB extension cable seen in **Fig. 14** and available [here](#).
 The USB port is for charging only.



Fig. 13



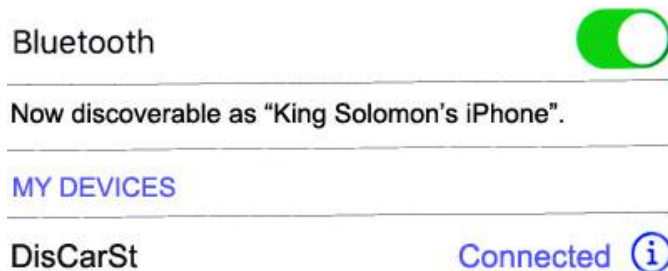
Fig. 14

- h. Tuck and secure any extra wires away from moving parts 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"
2. On A2DP device: Go to **Settings, Wireless & Networks, Bluetooth Settings**
3. Select **Bluetooth** and turn on.
4. Select Bluetooth settings
5. Tap **Scan (Search) for devices.**
6. Wait for Bluetooth device name (See below) to appear and select it.



Bluetooth operation

1. Turn ignition and radio "ON"
2. Press "AUX" button on AM/FM Theftlock radio
Ensure 12-disc CD changer has at least one "DISC" in magazine which must remain loaded.
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 Theftlock radio volume button 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.

Feature comparison

Bluetooth Hands-free calls + audio streaming (A2DP)—See table 1. Audio streaming only- See Table2

Table 1

Modules	A2DIY-C5CD	C5CD-HF	A2DIY-C5	C5-HF
Retains changer playback	YES	*	NO	NO
Requires working CD changer	YES	YES	NO	NO
Audio input jack (Aux in)	*	YES	YES	YES
USB charging port	*	included	*	included
Hands-free calling (HPF)	YES	YES	YES	YES
Music Streaming (A2DP)	YES	YES	YES	YES
Connection (To Radio)	YES	YES	YES	YES
Connection (trunk)	NO	NO	NO	NO
VR support	YES	YES	YES	YES
Wireless remote control	included	³	included	³
Controls from radio buttons	NO	NO	NO	NO

Table 2

Modules	BTA-C5	BLU-C5	A2D-C5FM
Retains changer playback	YES	NO	YES
Requires working CD changer	YES	NO	NO
Audio input jack (Aux in)	NO	²	YES
USB charging port	YES	*	NO
Hands-free calling (HPF)	NO	NO	NO
Music Streaming (A2DP)	YES	YES	YES
Connection (To Radio)	YES	YES	YES
Connection (trunk)	YES	YES	NO
VR support (Google only)	**	**	NO
Wireless remote control	YES	*	NO
Controls from radio buttons	NO	NO	NO

*Optional (Select from product order page)

** Google Voice recognition possible with optional remote control

² [PX35](#) cable required (sold separately)

³ [Optional media button available here](#)

Frequently asked questions & troubleshooting

- Does the BTA-C5 require a CD changer to work?**
YES; Vehicle must have a fully functioning I2-disc Changer which remains connected and operational. **The BTA-C5 will not work if changer malfunctions in any way. Please verify changer operation prior to ordering.**
- The I2-disc changer in my C5 does not work, will I be able to use the BTA-C5 or is there another solution for music streaming?**
 If vehicle does not have a functioning I2-disc changer, purchase our [A2D-C5FM](#) audio streaming module.
- Will I be able to install the BTA-C5 at the radio instead of trunk/hatch?**
YES, The BTA-C5 connects to radio (PXHGM4 harness or 10-pin plug at cd changer location (PXHGM2 harness). Required I2-disc changer remains connected and functional
- Can you explain what's a CD changer?**
 Sure, CD changers are usually installed in remote areas (e.g., trunk, hatch, armrest, glove box, under seat etc.) and as the name implies; they are capable of holding multiple disc (3-15) into a magazine. In recent years many car manufacturers have built the CD changer into the AM/FM radio (e.g. 6-CD changer/radio). C5 Corvette radios do not have built-in CD changers, therefore all references to CD changer herein are to the I2-disc changer in trunk or hatch. To be clear; if only one disc can be loaded into radio, it is a single CD player not a changer.
- Why can't the module get its power from the CD changer harness?**
 The Corvette radio plug does not have an accessory wire and same applies to the CD changer plug in trunk/hatch. **All installations using the PXHGM2 harness requires running a 12V accessory wire from trunk/hatch to fuse panel under passenger front seat.**
- Does the BTA-C5 module support hands-free phone calls?**
NO; The BTA-C5 does support Bluetooth streaming only. Purchase our [A2DIY-C5CD](#) (requires and retains CD changer)
- Does the BTA-C5 work on all model/year Corvette radios?**
NO; this module works on 1997-04 Corvette (C5) radios **with functional I2-disc changer (must have changer), otherwise purchase our [A2D-C5FM](#)**

8. **Bluetooth plays until turn signals, wipers, headlights etc. are switched on then Bluetooth cuts in/ out. Does this indicate a problem with module?**

This is likely a fault in vehicles power supply or wiring. If Bluetooth playback is interrupted only when an accessory (e.g. wiper motors, headlights, rear defroster etc.) is turned on, this clearly indicated the added load is affecting **the circuit to which the module is connected**. If this issue is present in your GS, consider relocating module accessory wire to alternate ACC power supply location or seek professional help.

9. **How do I switch from streaming to CD changer playback?**

Bluetooth streaming has priority (by default), and in order to listen to CD's (from changer), user may press Pause/Play button on remote control or simply pause audio device (e.g. Smartphone) directly.

10. **I have a single CD player radio plus trunk mounted CD changer. How do I listen to the single CD player?**

Accessing the single cd player does not change. Simply load DISC into player slot and it should begin to play. If DISC is already loaded, simply press the "CD" button. To access Bluetooth press CD/AUX button again: First press = single CD is activated, second press=Bluetooth/CD changer is activated. If there is no DISC inside CD player slot a single press of the "CD/AUX" button enables Bluetooth/CD changer operation.

Disclaimer

- This product has no affiliation with GM or Apple
- When possible, professional installation is recommended

For additional questions, email support@discountcarstereo.com