



BTA-C5

QUICK START STREAMING MODULE INSTALLATION GUIDE FOR 1997-04 CORVETTE

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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:

C5 Corvette with a fully functioning 12-disc CD changer in trunk/hatch

Introduction:

If your C5 has a fully functioning 12-disc changer and looking to add Bluetooth streaming; the BTA-C5 (formerly A2D-C5) is for you! Users can opt to connect/install the BTA-C5 behind the radio or in the trunk/hatch. **Regardless of chosen install location; the required 12-disc CD changer remains connected and operational; however, if the 12-disc changer malfunctions (e.g. skips, jams, displays Err etc.); the BTA-C5 will NOT work. (Don't by to try)**

To operate, simply pair smart device (Smartphone, Tablet etc.) and enjoy Apple music, Pandora, navigation guidance and more on the car radio system. Controls are available from the included wireless remote. C5 radio buttons (except volume) do not apply!

See frequently asked question at the end of this guide.

Installation 1: behind the radio/dash

Alert: The dual 20-pin plug install harness in **Fig. 2** is used to connect the module to the radio and does not require connecting separate 12V accessory wire. Trunk/hatch installation using the 10-pin installation harness in **Fig. 4** requires connecting separate 12V accessory wire to fuse panel in passenger footwell

Radio removal required. (Click links below to remove radio from the dash)

<https://www.youtube.com/watch?v=Gcrlufo1ctc>

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

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



Fig. 1

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



Fig. 2

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 **skip to step 6 on page 5.**

Installation 2: Connect to 10-pin CD changer plug in trunk/hatch

Alert: The installation harness 10-pin plug connects to the CD changer in trunk/hatch. Vehicle must have a functioning **CD changer**. **CD changer remains connected and functional**. If vehicle does not have a CD changer or if it malfunctions; the BTA-C5 **will not work**.

1. Locate factory changer in trunk/hatch (See **Fig.3**).
2. Locate 10-pin plug (See **Fig. 4/6**) at the rear of the CD changer. Press release tab to disconnect.

Note: This may require dismounting CD changer from mounting bracket.



Fig. 3

12-disc CD changer in hatch

3. Connect factory 10-pin plug (See **Fig. 4/6**) to installation harness 10-pin socket (white) (See **Fig. 5**)



Fig. 4

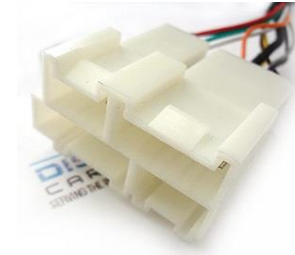


Fig. 5

socket

4. Connect the installation harness 10-pin plug (See **Fig. 4**) to 10-pin socket on 12-disc changer (See **Fig.6**)

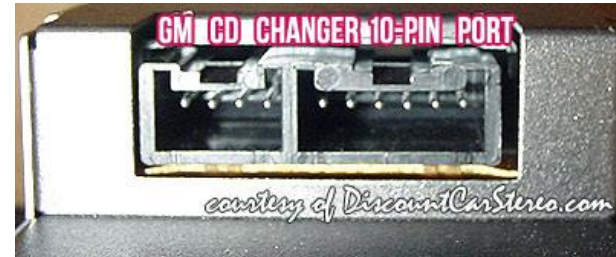


Fig. 6

5. Connect installation harness red wire (See **Fig. 7**) to a 12V Accessory (switched) supply in vehicle.



Fig. 7

12V Accessory/switched supply sources

Unfortunately, there is no accessory wire on the 10-pin CD changer plug and because of that the installation harness red wire must be routed to the fuse panel near passenger floor board (Coupe) or antenna wire at the rear side panel (Convertibles)- **Fig. 9**

#1. 3-pin power plug:

All 1997-03 C5 include a 3-pin power plug under passenger seat near BCM (may be covered in black duct tape) – (See **Fig. 8**) with a BLACK, YELLOW, ORANGE wire.

The yellow wire is ACC/switched.

If vehicle does not have 3-pin plug: go to option #2 or 3

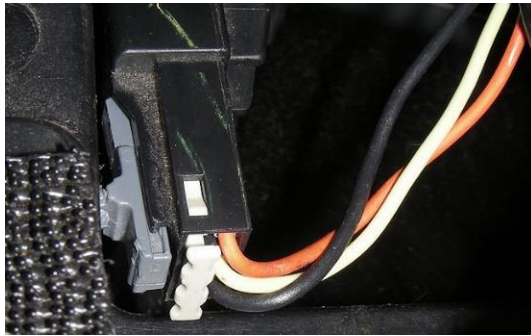


Fig. 8

Alert: 2004 C5 Corvette does not have the 3-pin power plug.

#2 Antenna power supply wire (Convertibles):

It is also possible to get 12V by tapping/splicing into factory antenna wire behind passenger side trunk area. Simply pull carpet away and locate 3-pin wire plug (ORANGE, PINK, BLACK) wires (See **Fig. 9**). The PINK wire will power module when radio is turned on/off. Tap/splice the installation harness red wire to the pink wire on 3-pin plug (See **Fig. 9**)



Fig. 9

#3 Fuse panel (in passenger toe board):

As an alternate, Fuse #11, or 22 of interior fuse box (under passenger toe board) See **Fig. 11**.

Use the included add-a-fuse [mini-tap](#) circuit seen in **Fig. 10**

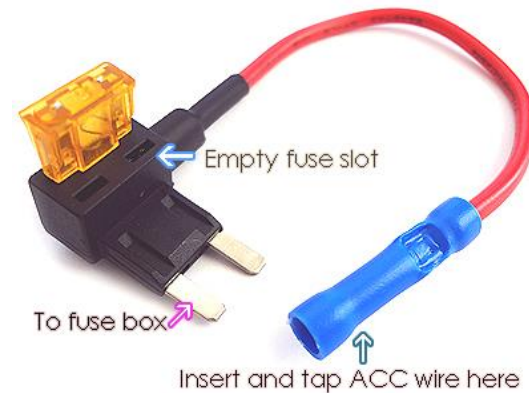


Fig. 10

fuse tap circuit

How to use the Add-a-fuse circuit connection

- Strip 1/4- 3/8" insulation from the installation harness red wire.
- Insert stripped wire to blue connector (See Fig. 10)
- Hold wire in place and crimp down (crimping tool, pliers etc.)
After crimp, **pull slightly on wire to verify crimp integrity.**
- Remove fuse #11 or 22 (if present) from vehicle fuse box otherwise **skip to step f.**
- Insert factory fuse to empty slot on add-a fuse circuit
- Insert add-a-fuse circuit to fuse slot # 11 or 22

Noteworthy: If there is no fuse in slot #11 or 22, the empty fuse slot on the 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.

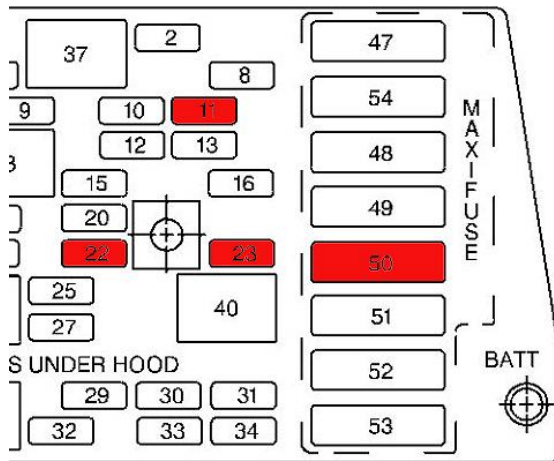


Fig. 11

G5 interior fuse box (yours may be different)

Noteworthy: If streaming is interrupted when headlights, wipers, defroster, A/C etc.; the current draw on the 12V circuit used is too large.

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.

- Connect installation harness 16-pin plug (See Fig. 12) to module 16-pin socket (See Fig. 13) Ensure plug is snug and locked in place.

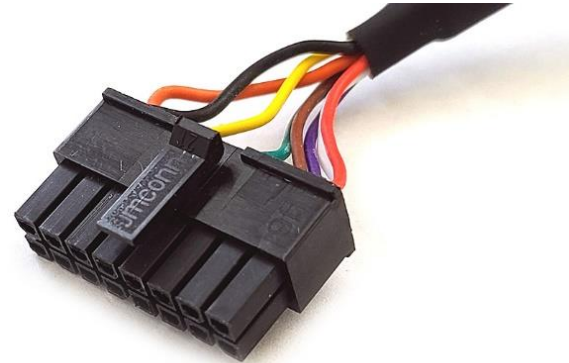


Fig. 12



Fig. 13

Optional USB extension cable installation

Notes: If installing module in trunk/hatch, we recommend optional USB extension cable **which is not** required for operation; however, it extends USB charging port (See Fig. 16) into the cabin. **The 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. 14)
As an alternative; use the included bracket (See Fig. 19) to mount USB without drilling.



Fig. 14

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



Fig. 15
USB cable



Fig. 16

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



Fig. 17



Fig. 18



Fig. 19

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"
 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. 20)
 4. Confirmation "tone" is heard on car speakers.
 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"

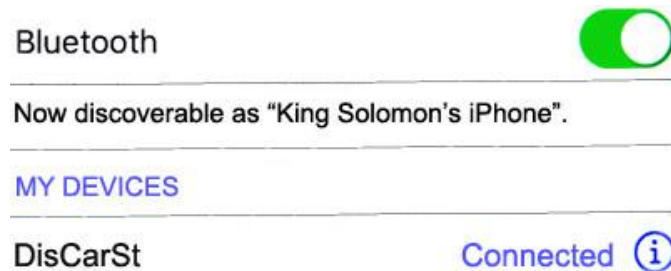


Fig. 20

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 remains 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. 21)
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. 21

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

Feature comparison

Bluetooth hands-free and streaming modules:

Feature	BTH-C5	BT6-C5	BT3-C5
CD changer retention	✓	X	x
Requires CD changer	✓	X	x
Audio input (AUX)*	Optional	X	x
Charging (USB)	Built-in	Built-in	Built-in
Visor microphone	✓	✓	✓
Requires 12V ACC wire	x	x	x
Hands-free calls	✓	✓	✓
Audio streaming	✓	✓	✓
USB smart media	✓	x	x
Radio button controls	x	✓	✓
Wireless remote	✓	x	x
Installs at the radio	✓	✓	✓
Installs in trunk/hatch	x	x	x

*Aux input replaces CD playback

Bluetooth streaming modules (Not for hands-free calls)

Feature	BLU-C5	BT2-C5	BTA-C5
CD changer retention	X	x	✓
Requires CD changer	X	x	✓
Audio input (AUX)*	X	x	x
Charging (USB)	✓	x	Built-in
Visor microphone	X	x	x
Requires 12V ACC wire	X	x	✓
Hands-free calls	X	x	X
Audio streaming	✓	✓	✓
Radio button controls	✓	✓	X
Wireless remote	x	x	✓
Install at the radio	✓	✓	✓
Installs in trunk/hatch	✓	✓	✓

*Aux input replaces CD playback

Frequently asked questions & troubleshooting

- Does the BTA-C5 require a CD changer to work?
YES; Vehicle must have a fully functioning 12-disc changer which remains connected and operational. **The BTA-C5 will not work if changer malfunctions in any way. Please check changer operation prior to ordering.**
- The 12-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 12-disc changer, purchase our [BLU-C5](#) or [BT2-C5](#) streaming modules instead.
- Will I be able to install the BTA-C5 at the radio instead of trunk/hatch?
YES, The BTA-C5 is able to connect to radio 20-pin plug or to the 10-pin plug at CD changer location (trunk/hatch). —your choice! The required 12-disc changer remains connected and functional.
- Can you explain what's a CD changer?
Sure, CD changers because of their size etc. are usually installed in remote areas (e.g., trunk, hatch, armrest, glove box, under seat etc.) and as the name implies; are capable of holding multiple disc (3-15) into the magazine. In recent years many car manufacturers have placed the CD changer inside the AM/FM radio (e.g. 6-CD changer/radio). C5 Corvette radios do not have built-in CD changers, therefore all references made herein to CD changers are to the 12-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 CD changer.
- Why can't the module get power from the CD changer plug in trunk/hatch?
The 10-pin CD changer plug (in trunk/hatch) does have 12V battery but NO switched power. This module needs switched power otherwise it will drain the battery and will not automatically pair. **All installations made in trunk/hatch requires locating a switched 12V supply from the fuse panel under passenger toe board etc. or antenna turn-on signal (Convertibles)** Conversely, all installations made at the radio are will turn on/off by the radio ON/OFF button and DO NOT require locating switched power.
- Does the BTA-C5 module support hands-free phone calls?
NO; The BTA-C5 supports Bluetooth audio streaming only. Purchase our [BTH-C5](#) which supports both streaming and hands-free calls.

7. **Does the BTA-C5 work on all model/year Corvette radios?**
NO; the BTA-C4 works in 1997-04 Corvette (C5) **with a functional I2-disc changer (must have changer), otherwise purchase our [BLU-C5](#)**
8. **How do I switch from streaming to CD changer playback?**
To switch from streaming to CD changer playback simply tap the **Pause/Play** button on included remote control or pause audio device (e.g. Smartphone)
9. **I have the single CD player radio plus trunk mounted I2-disc CD changer. How do I listen to the single CD player?**
Tap CD/AUX button once to activate/play the CD player built-into radio; tap twice to activate remote CD changer or BTA-C5. If there is no DISC in the single CD player (radio); a single tap of the CD/AUX button activates the BTA-C5 or CD changer operation.
10. **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](#).
11. **Does the remote also control CD radio functions?**
NO. The included remote is only able to control the select Bluetooth functions shown in **Fig. 20**
12. **How do I insert or change the remote control battery?**
Insert CR2025 battery to holder with label side up or as seen in **Fig. 22**



Fig. 22

Disclaimer

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

For additional questions, email support@discountcarstereo.com