

# Stealthbox®

## INSTALLATION GUIDE for the

SB-GM-C6CONV/8W3v3  
2005 - Up Chevrolet C6 Corvette Convertible



*Thank you for choosing a JL Audio Stealthbox® for your automotive sound system. With proper installation, your new vehicle-specific enclosed subwoofer system will deliver years of listening pleasure.*

*We strongly recommend that you have your new Stealthbox® installed by your authorized JL Audio dealer. The installation professionals employed by your dealer have the necessary tools and experience to disassemble and reassemble your vehicle properly. Also, keep in mind that your warranty coverage extends to 1 year if your system is installed or approved by your authorized JL Audio dealer. If you prefer to perform your own installation, please read this installation guide completely before beginning the process.*

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### ! IMPORTANT

If you choose to perform the installation yourself, it is absolutely vital that the Stealthbox® be properly mounted to the vehicle according to these instructions. Failure to mount the enclosure properly presents two problems:

- 1) The sub-bass performance will suffer due to the movement of the enclosure caused by the force exerted by the woofer(s).
- 2) A loose enclosure presents a serious safety hazard in the event of a collision or sudden deceleration.

### INSTALLATION DIFFICULTY:

2  
OUT  
OF  
5



#### STEP 1

Place the convertible top in the down position, keeping the protective lid open.

Position the seats all the way forward.

Remove the pair of rear speakers.



#### STEP 2

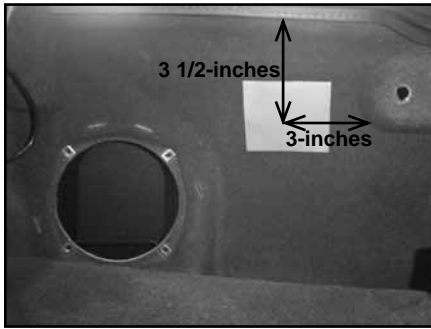
Pull out the pair of plastic push-in retainers. These hold the painted interior trim piece to the rear bulkhead.



#### STEP 3

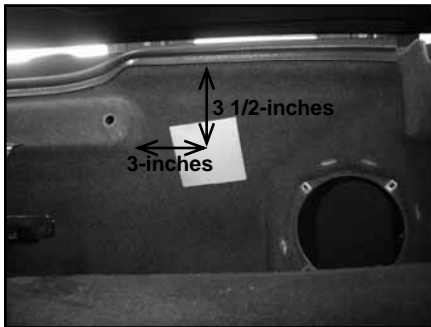
Remove the pair of Allen head screws from the top side of the painted interior trim piece.

Remove the painted interior trim piece out of the vehicle.

**STEP 4**

Place a supplied wax square onto the passenger's side of the rear bulkhead.

The middle of the wax square should measure, 3 1/2-inches from the top of the rear bulkhead and 3-inches from the left of the stand out, as seen in the picture at left.

**STEP 5**

Place a supplied wax squares onto the driver's side of the rear bulkhead.

The middle of the wax square should measure, 3 1/2-inches from the top of the rear bulkhead and 3-inches from the right of the stand out, as seen in the picture at left.

**STEP 6**

Fully thread in each supplied 3/8-inch hex head bolt into each Stealthbox®.

**STEP 7**

Position each Stealthbox® into their mounting location, with the leg to the middle of the vehicle.

Firmly press each Stealthbox® into the rear bulkhead.

Remove each Stealthbox® carefully, leaving the wax squares in place. The head of the bolt will leave an impression on each wax square.

Remove the 3/8-inch hex bolt from each Stealthbox®.

**STEP 8**

**Note:** Before drilling, make sure that you are not going to be drilling into any gas lines, brake lines, transmission lines, electrical wiring, transfer case (4x4 vehicles) or anything else that might cause a reduction in your weekly pay. Always wear eye protection when drilling!

With a drill and a 1/2-inch drill bit, drill through the impression made in the wax square and into the vehicle's rear bulkhead. Remove the wax squares and cut the carpet from the area around the drilled hole, as seen in the picture at left.

**STEP 9**

**Note:** Before drilling, make sure that you are not going to be drilling into any gas lines, brake lines, transmission lines, electrical wiring, transfer case (4x4 vehicles) or anything else that might cause a reduction in your weekly pay. Always wear eye protection when drilling!

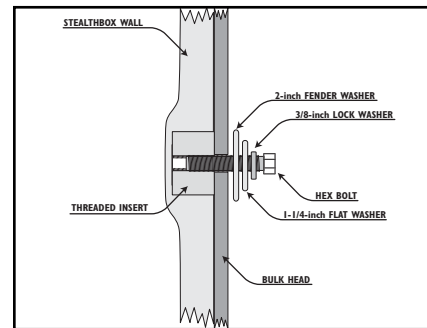
With a drill and a 1/2-inch drill bit, drill through the impression made in the wax square and into the vehicle's wheel well. Remove the wax squares and cut the carpet from the area around the drilled hole, as seen in the picture at left.

**STEP 10**

Cut enough speaker wire to allow the run from the each Stealthbox® location to the amplifier location.

Attach the speaker wire to the wire terminal on each Stealthbox®. Check the woofer for proper operation.

Place each Stealthbox® into their mounting position. Bring the speaker wire through the factory speaker mounting holes.

**STEP 11**

Place a supplied 3/8-inch lock washer, supplied 3/8-inch flat washer and supplied 3/8-inch fender washer onto each supplied 3/8-inch hex head bolt.

Place each bolt assembly through the drilled hole from STEP 8 & 9. This is from the back side of the rear bulkhead, into the threaded insert of each Stealthbox®, as seen in the picture at left.

Using an 9/16-inch open end wrench or socket, secure the bolt assembly. Do not over tighten the bolt assembly.



**STEP 12**

Place a supplied 5/16-inch lock washer and then a supplied 5/16-inch flat washer onto each 5/16-inch hex head bolt.

From inside the trim piece, place two of these bolt assemblies through the holes that are on the back side of the trim piece.

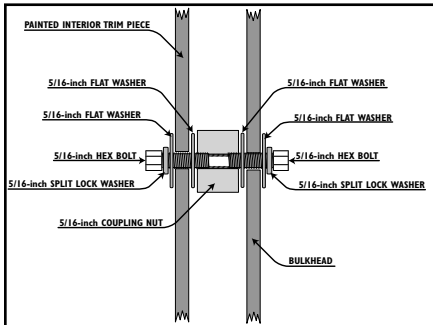
Place a supplied 5/16-inch flat washer onto each exposed 5/16-inch hex head bolt. Hand tighten each supplied coupling nut onto each 5/16-inch hex head bolt. Look to STEP 14 for a cross section illustration.



**STEP 13**

Place the painted interior trim piece back into the vehicle.

Mount the painted interior trim piece with the allen screws that were removed in STEP 3.



**STEP 14**

From the back side of the rear bulkhead, place the last pair of bolt assemblies through the factory holes.

Place a supplied 5/16-inch flat washer onto each hex head bolt, between the painted interior trim piece and in front of the rear bulk head.

Hand tighten these bolt assemblies to the coupling nut that is attached to the painted interior trim piece.



**CONGRATULATIONS**

You have completed the installation for this model!

Please refer to the Power Recommendation section for an amplifier recommendation and basic set-up help.

**INCLUDED HARDWARE**

- (2) 3/8-inches -16 x 1-inch Hex Head Bolts
- (4) 5/16-inch Split Lock Washers
- (2) 3/8-inch Split Lock Washers
- (4) 3/8-inch x 2-inch Fender Washers
- (8) 5/16-inch Flat Washers
- (2) 3/8-inch x 1-1/4-inches Fender Washers
- (2) 3-inches x 3-inches Wax Squares
- (2) 5/16-inch -18 x 7/8-inch x 9/16-inch Coupling Nuts
- (4) 5/16-inch -18 x 1/2-inch Hex Head Bolts

**SPECIFICATIONS**

**Enclosure Type:** Acoustic Suspension (sealed)

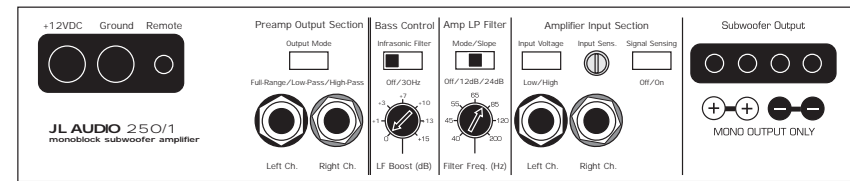
**Driver Type:** 8W3v3-8

**Nominal Impedance:** 4 ohm mono or 8 ohm stereo

**Continuous Power Handling:** 300 Watts

**POWER RECOMMENDATION**

JL Audio recommends using a high quality amplifier such as the JL Audio 250/1. The diagram below shows the recommended crossover, infrasonic filter and equalizer settings for the 250/1 when being used to power your Stealthbox®.



The JL Audio 250/1 is a very versatile audio component. Please consult the owner's manual for even more detailed information about installing and tuning this amplifier.

**MID/HIGH FREQUENCY DRIVER FITMENT**

A variety of JL Audio coaxial and component systems will fit in the factory speaker locations of you vehicle.

**Front Speaker Size / Location:** 10-inches / Front Doors

**\*Fits JL Audio Models:** TR650CSI, TR650-CXi, VR650-CSi, VR650-CXi, XR650-CSi, XR650-CXi & ZR650-CSi

**\*Speakers require custom adaptors for installation.**

**Rear Speaker Size / Location:** 5.25-inches / Behind Seats

**\*Fits JL Audio Models:** TR525-CXi, VR525-CXi & XR525-CXi

**\*Installation of Stealthbox® prevents installation of rear speakers**



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