

Stealthbox®

INSTALLATION GUIDE for the

SMS-GM-CAMCONV/10W1v2

SKU# 94527

2011 - Up Chevrolet Camaro 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 2 years 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.

JL AUDIO®
Ahead of the Curve™

! 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:

5 OUT OF **5**

**ESTIMATED TIME:
4-5 HOURS**



STEP 1

Open the convertible top, and clear out back seat area.



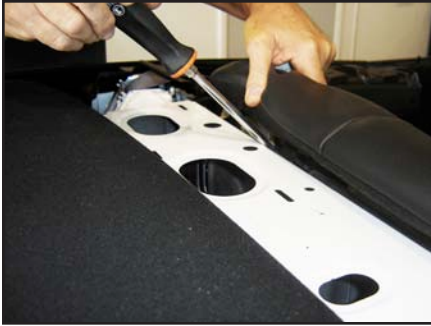
STEP 2

Carefully pull up on the upper side plastic trim panel to release the clips, and remove the panel as shown. Repeat for the opposite side.



STEP 3

Carefully pull up on the upper rear plastic trim panel to release the clips, and remove the panel.

**STEP 4**

Using a long flat blade screwdriver, push down on the seat back release tab as shown. Reference the next step for a detailed image of the release tab location.

**STEP 5**

Pictured is a close up of the release tab. Repeat **Step 4** for the opposite side.

**STEP 6**

Fold down the seat back to access the factory subwoofer as shown.

**STEP 7**

Remove the four nuts that hold the factory subwoofer in place, and remove the subwoofer.

**STEP 8**

Remove the clips that hold the sound barrier in place, and remove the barrier.

**STEP 9**

Pictured is the vehicle with the factory subwoofer and sound barrier removed.

**STEP 10**

Remove the screw and wingnut located in the recess for the convertible top.

**STEP 11**

Remove the clip located low in the recess for the convertible top. Repeat **Steps 10-11** for the opposite side.



STEP 12

Close the convertible top, and open the trunk. Remove the trunk floor panels. Remove the tie down hooks on the trunk sill panel, and unclip and remove the panel.



STEP 13

Remove the two bolts holding in the cargo cover, and remove the cover. Remove the rear trunk liner.



STEP 14

Pictured is the trunk with the rear trunk liner removed.



STEP 15

Remove the clips that hold each side trunk liner in place, and remove the trunk liner.



STEP 16

Locate the lower hole on the driver's side bracket, and enlarge the hole to 1/2".



STEP 17

Align the U-Nut with the enlarged hole as shown.



STEP 18

Locate the lower hole on the passenger side bracket, and enlarge the hole to 1".

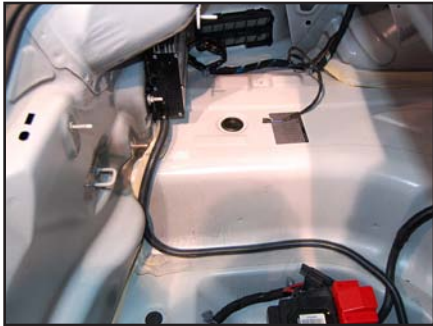


STEP 19

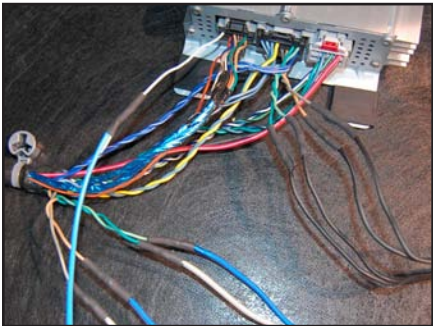
Enlarge the center hole to 1/2".

**STEP 20**

Insert a U-Nut through the larger hole, and align with the center hole as shown.

**STEP 21**

Locate the factory amplifier in the rear corner of the trunk. Unbolt the amplifier from the wall for easy access to the wiring harness.

**STEP 22**

Cut the output wires for the front speakers at least 4" from the plug as shown, and connect the Speaker to RCA Adaptors to the amplifier side and 16 Gauge Speaker Wire to the vehicle side. Tap into the remote turn-on with the supplied Remote Wire.

Right Front + = light green
 Right Front - = dark green
 Left Front + = tan
 Left Front - = gray
 Remote Turn-on = white

**STEP 23**

Connect the RCA Cable to the Speaker to RCA Adaptors, mount the factory amplifier back into position, and neatly secure the wires.

**STEP 24**

Remove the rear bolt on the battery tie-down.

**STEP 25**

Position Speed Clips over the four holes in the Amplifier Bracket.

**STEP 26**

Bolt the Amplifier Bracket to the battery tie-down using the factory bolt.

**STEP 27**

Mark the location of the three holes in the Amplifier Bracket onto the tire well.

**STEP 28**

Remove the Amplifier Bracket and drill three 3/16" holes on the marks made in the previous step.

Before drilling, always make sure that you are not going to be drilling into any gas lines, brake lines, tires, transmission lines, electrical wiring, exhaust systems or anything else that might cause a reduction in your weekly pay.

Always wear eye protection when drilling!

**STEP 29**

We recommend using the supplied 3/16" Rivets for mounting the Amplifier Bracket, however, the three #10 x 3/4" Pan Head Screws can be substituted if you do not have a rivet gun.

**STEP 30**

Bolt the Amplifier Bracket back onto the battery tie-down, and align the holes in the bracket with the holes drilled in the tire well. Secure the bracket using the three 3/16" Rivets.

**STEP 31**

Pictured is the Amplifier Bracket riveted to the tire well.

**STEP 32**

Mount the amplifier to the Amplifier Bracket using four #8 x 1" Pan Head Screws.

**STEP 33**

Connect the Fuse Holder to one end of a short piece of Red Power Wire, and connect an 8 Gauge Ring Terminal to the other end. Secure the wire to the positive post of the battery. Connect Red Power Wire from the opposite side of the Fuse Holder to the +12V terminal of the amplifier.

**STEP 34**

Use an 8 Gauge Ring Terminal to attach the Black Ground Wire to the negative post of the battery. Route the cable to the amp and connect it to the Ground terminal. Secure both cables and the Fuse Holder, and install the Fuse.

**STEP 35**

Connect the Remote Turn-on Wire to the Remote terminal of the amplifier. Use the Y-adaptors to split the left RCA into inputs 1-2, and the right RCA to inputs 3-4. Set the crossovers according to the illustration at the end of this manual, then set the input sensitivities as outlined in the owner's manual for the amplifier. Bridge channels 1-2 to the left speaker and bridge channels 3-4 to the right speaker. Connect the two 12 Gauge Speaker Cables from the Stealthbox® to the subwoofer terminals. Verify operation.

**STEP 36**

Reinstall the foam battery cover and air compressor. Route the HD-RLC cable to the front of the vehicle, and mount the control in the desired location per the instructions included with the HD-RLC.

**STEP 37**

Replace the driver's side trunk liner. Place a 1/4" - 20 x 1-1/2" Bolt through a 1/4" Lock Washer, 1/4" Flat Washer, Bracket, 3/4" Spacer, and the hole in the trunk liner as shown, thread it into the U-Nut, and firmly tighten.

**STEP 38**

Replace the passenger side trunk liner. Place a 1/4" - 20 x 1-1/2" Bolt through a 1/4" Lock Washer, 1/4" Flat Washer, Bracket, 3/4" Spacer, and the hole in the trunk liner as shown, thread it into the U-Nut, and firmly tighten.

**STEP 39**

Align a straight edge with the lower edges of the indentations in the rear trunk liner. Using a grease pencil, draw a line across the panel as shown.

**STEP 40**

Cut along the line with a razor knife.

**STEP 41**

Reinstall the upper portion of the rear trunk liner as shown, then reinstall the cargo cover.

**STEP 42**

Reinstall the floor panels.

**STEP 43**

Place one of the enclosures in the trunk.

**STEP 44**

Place the second enclosure in the trunk, and align the two enclosures as shown.

**STEP 45**

Thread a 1/4 - 20 x 1-1/2" Hex Bolt through each bracket and into the threaded inserts in each enclosure to hold the enclosures in place.

**STEP 46**

Align the Carpeted Center Cover between the two enclosures as shown, and thread the six 1/4 - 20 x 1-1/2" Hex Bolts into the threaded inserts in the enclosures.

**STEP 47**

Using a grease pencil, trace the legs of the Stealthbox® onto the floor panel. Remove the Carpeted Center Cover, the enclosures, and the floor panel.

**STEP 48**

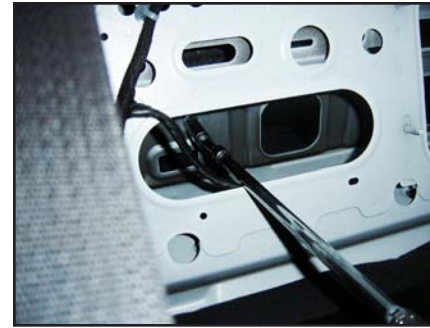
Mark a 3" x 3" square on the rear corners of the floor panel.

**STEP 49**

Carefully cut the floor panel along the lines. Pictured is the floor panel after it has been cut.

**STEP 50**

Attach speaker cable to the enclosures, and reinstall the Stealthbox®. Route the cables to the tire well. Hand tighten the eight 1/4 - 20 x 1-1/2" Hex Bolts, and reinstall the floor panel.

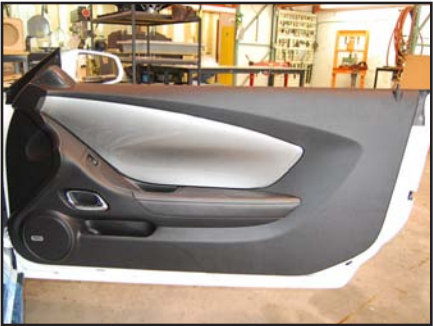
**STEP 51**

From inside the back seat area, locate the threaded insert on the back of each enclosure. Place a 3/8" Split Lock Washer, and a 3/8" Flat Washer on each 3/8 - 16 x 1-1/2" Bolt, thread an assembly into each of the threaded inserts, and firmly tighten. Then firmly tighten the eight 1/4 - 20 x 1-1/2" Hex Bolts installed in the previous step.



STEP 52

Fasten the seat back, and reinstall the three trim panels.



STEP 53

Begin the speaker installation with the door open and window down.



STEP 54

Remove the screw cover behind the door handle and remove the screw.



STEP 55

remove the screw cover in the pocket and remove the screw.



STEP 56

Remove the two screws at the base of the door panel.



STEP 57

Remove the screw in the upper door jamb.



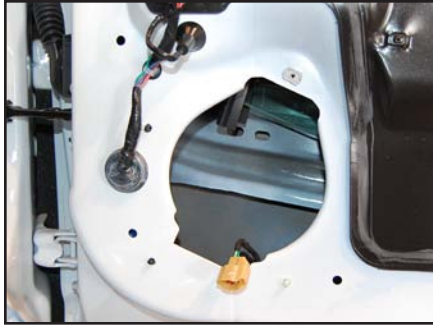
STEP 58

Starting at the bottom of the door panel, carefully unclip the panel, unplug the wiring harness, and remove the cable from the handle. Pictured is the back of the panel to show the location of the clips.

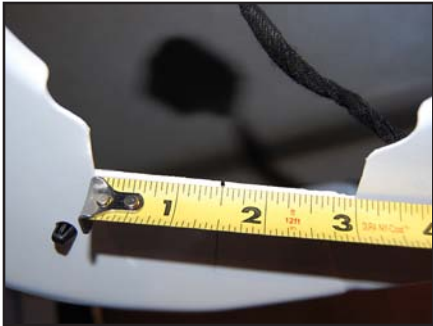


STEP 59

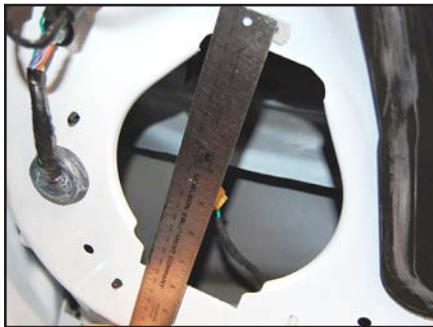
Pictured is the door with the panel removed.

**STEP 60**

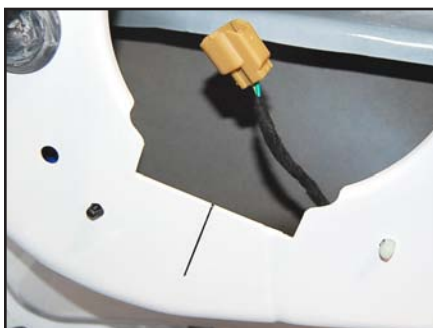
Remove the screw that holds the factory speaker to the door, unplug the speaker harness, and remove the speaker.

**STEP 61**

Mark the center of the lower straight section of the speaker opening.

**STEP 62**

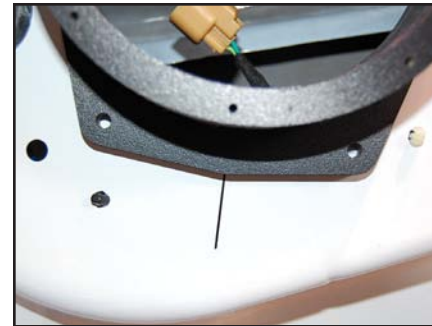
Using a straight edge, align the factory screw hole with the mark made in the previous step.

**STEP 63**

Draw a 2" line from the speaker opening as shown.

**STEP 64**

Attach the Speaker Adaptor Plate to the door using the factory screw.

**STEP 65**

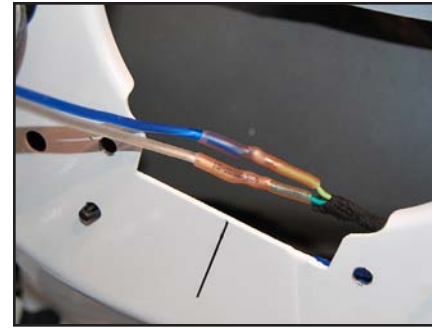
Align the center of the Speaker Adaptor Plate to the mark on the door. Mark the location of the two mounting holes.

**STEP 66**

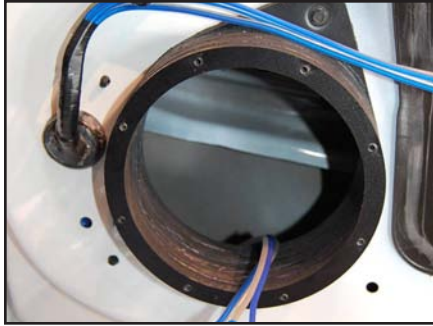
Remove the Speaker Adaptor Plate. Drill two 1/4" holes on the marks made in the previous step.

Before drilling, always make sure that you are not going to be drilling into any gas lines, brake lines, tires, transmission lines, electrical wiring, exhaust systems or anything else that might cause a reduction in your weekly pay.

Always wear eye protection when drilling!

**STEP 67**

Recall the wire colors from **Step 22**, and connect 16 Gauge Speaker Cable to the factory wires as shown.

**STEP 68**

Attach the top of the Speaker Adaptor Plate to the door using the factory screw. Secure the bottom of the Speaker Adaptor Plate with a pair of 1/4 - 20 x 1" Bolts, 1/4" Flat Washers, and 1/4" Lock Washers.

Route two pieces of 16 Gauge Speaker Cable through the speaker hole for the speaker.

**STEP 69**

Route all three cables through the factory grommet as shown.

**STEP 70**

Connect the wires to the speaker, and secure the speaker to the Speaker Adaptor Plate using 8 #8 Pan Head Phillips Screws.

**STEP 71**

From the back side of the door panel, remove the screw that holds the tweeter pod to the panel.

**STEP 72**

Remove the tweeter pod from the door panel.

**STEP 73**

Pictured is the back of the factory tweeter.

**STEP 74**

Desolder the capacitor from the back of the tweeter.

**STEP 75**

Solder a 2.2 uf capacitor to the tweeter as shown. Reinstall the tweeter pod.



STEP 76

Pictured are the left and right Crossover Brackets.



STEP 77

Pictured is the back side of the door panel illustrating the location of the crossover.



STEP 78

Secure the Crossover Bracket to the door panel using the factory screws as shown.



STEP 79

Align a pair of Speed Clips with the holes in the Crossover Bracket, and secure the crossover to the bracket using a pair of #8 x 3/4" Phillips Head Screws.



STEP 80

Attach the three cables to the crossover as illustrated in the owner's manual for the speakers.



STEP 81

Hang the door panel back onto the door. Verify the operation of the speakers, then reinstall the door panel completely.

Repeat **Steps 53-81** for the second door.



CONGRATULATIONS!

You have completed the installation for this model!

Enjoy your new StealthMod®!

INCLUDED HARDWARE

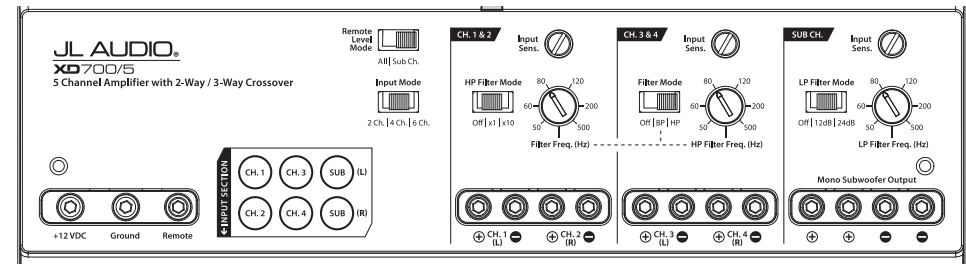
- | | | | |
|-------------------------------|-----------------------|---------------------------------|-----------------------------------|
| (2) 3/8" Split Lock Washer | (2) 3/4" Spacer | (10) 1/4" Flat Washer | (1) Carpeted Center Cover |
| (2) 3/8" Flat Washer | (2) U-Nut | (2) 1/4- 20 x 1-1/2" Bolt | (2) Bracket |
| (2) 3/8" - 16 x 1-1/2" Bolt | (6) 1/4" Lock Washer | (4) 1/4 - 20 x 1" Bolt | (16) #8 Pan Head Phillips Screw |
| (8) Speed Clip | (2) 2.2 uf Capacitor | (3) 3/16" Rivet | (3) #10 Phillips Head Screw |
| (8) 1/4 - 20 x 1-1/2 Hex Bolt | (4) 1/4 - 20 Hex Nut | (4) #8 x 1" Phillips Head Screw | (4) #8 x 3/4" Phillips Head Screw |
| (1) Red Power Wire | (1) Black Ground Wire | (1) Fuse Holder | (2) Ring Terminals |
| (1) Fuse | (2) Y-Adaptor | (1) Speaker to RCA Adaptor | (2) Speaker Adaptor Plate |
| (1) 16 AWG Speaker Cable | (2) Crossover Bracket | (1) Amplifier Bracket | (1) Remote Turn-on Wire |
| (1) 12 AWG Speaker Cable | (1) HD-RLC | | |

SPECIFICATIONS

Enclosure Type: Acoustic Suspension (sealed)
 Driver Type: (2) 10W1v2
 Nominal Impedance: 2 ohm
 Continuous Power Handling: 600 watts

POWER RECOMMENDATION

The diagram below shows the recommended crossover settings for the XD700/5.



All JL Audio amplifiers are very versatile audio components. Please consult the owner's manual for even more detailed information about installing and tuning your amplifier.

MID/HIGH FREQUENCY DRIVER FITMENT

Rear Speaker Size / Location: 3-1/2" - Side Panels
 Fits JL Audio Models: TR350-CXi, C2-350x



(954) 443-1100

www.jlaudio.com

All specifications are subject to change without notice. "JL Audio" and the JL Audio logo, "Stealthbox" and the Stealthbox logo are registered trademarks of JL Audio, Inc., "Ahead of the Curve" and its respective logo is a trademark of JL Audio, Inc.
 JLA-SKU# 94526 089.08.2011 • Printed in USA • ©2011 JL Audio, Inc. • U.S. PATENTS: #5,734,734 #5,949,898 #6,118,884 #6,229,902 #6,243,479 #6,294,959 #6,501,844 #6,496,590 #6,441,685 #5,687,247 #6,219,431 #6,625,292 #D472,891 #D480,709 Other U.S. & Foreign patents pending. For more detailed information please visit us online at www.jlaudio.com.

