

Stealthbox®

INSTALLATION GUIDE for the

SB-J-GCHWK2/10W3v3
SKU# 94508 - 94510
2011 & Up Jeep Grand Cherokee



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.

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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:

3 OUT OF 5

**ESTIMATED TIME:
2-3 HOURS**



STEP 1

Empty out the cargo area so that you have a clean area to work in.



STEP 2

Unclip the screw cover on each of the tie down hooks, and remove the screws and hooks.

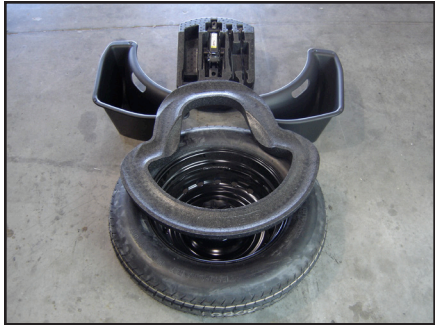


STEP 3

Remove the rear sill panel by carefully pulling up on the panel to release the clips.



STEP 4
Remove the floor panel.



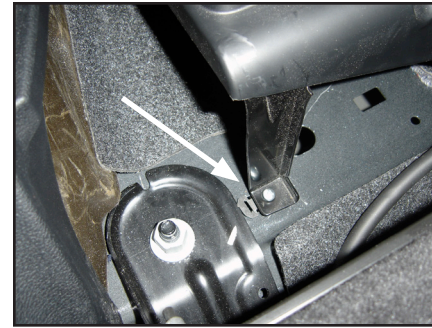
STEP 5
Remove the tool kit, the two storage pockets, the spare tire, and the padding from the tire well.



STEP 6
Remove the two hex nuts that hold the rear of the plastic tub in place.



STEP 7
Remove the seat extension panel by carefully pulling up on the panel to release the clips.



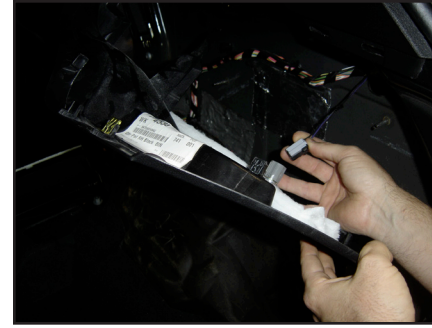
STEP 8
From behind the back seat, remove the two Phillips head screws that hold the front of the plastic tub in place, then remove the tub.



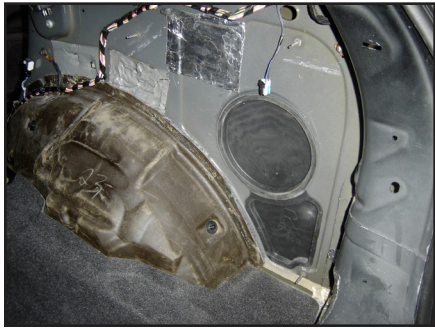
STEP 9
Remove the right rear door sill panel by carefully pulling up on the panel to release the clips.



STEP 10
Pull the weather-stripping away from the side panel as shown, then unclip the side panel.



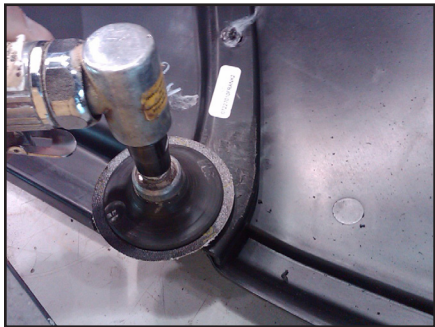
STEP 11
Disconnect the power outlet from the side panel, and remove the panel from the vehicle.



STEP 12
Pictured is the vehicle with the side panel removed.



STEP 13
From the back of the side panel, the plastic welds that hold the pocket to the panel are visible.



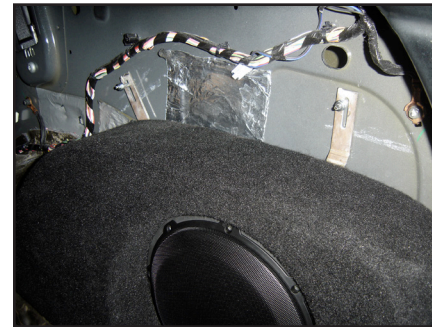
STEP 14
Using a die grinder, carefully grind down the plastic welds to separate the pocket from the panel, using caution to not grind through the panel itself.



STEP 15
Pictured are the side panel and pocket after being separated.



STEP 16
Using a pair of 1/4" Flat Washers, 1/4" Lock Washers, and 1/4-20 Hex Tap Bolts, attach each of the three brackets to the back of the Stealthbox as shown, and firmly tighten.



STEP 17
Place the Stealthbox® into the vehicle, aligning the Brackets with the factory studs, as shown. Thread a 6mm x 1.0 Flange Nut onto each of the two upper studs, and hand tighten.



STEP 18
Thread a 6mm x 1.0 Flange Nut over the lower stud, and hand tighten.

Reinstall the side panel and check the fitment of the Stealthbox®. Align the enclosure as necessary, then remove the side panel and firmly tighten the three 6mm x 1.0 Flange Nuts. Attach speaker cable to the terminal cup, and route the cable as necessary. Reinstall the side panel.



STEP 19
Reinstall the weather-stripping, door sill panel, plastic tub, and seat extension panel. Then, reinstall the padding, spare tire, storage pockets, and tool kit. Finally, reinstall the floor panel.

**STEP 20****CONGRATULATIONS!**

You have completed the installation for this model!

Enjoy your new Stealthbox®!

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

INCLUDED HARDWARE

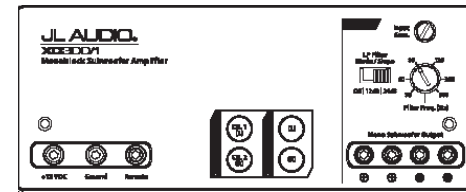
- | | |
|---------------------------|----------------------|
| (3) 6mm x 1.0 Flange Nut | (6) 1/4" Flat Washer |
| (3) Bracket | (6) 1/4" Lock Washer |
| (6) 1/4 - 20 Hex Tap Bolt | |

SPECIFICATIONS

Enclosure Type: Acoustic Suspension (sealed)
Driver Type: 10W3v3-2
Nominal Impedance: 2 ohm
Continuous Power Handling: 500 watts

POWER RECOMMENDATION

JL Audio recommends using a high quality amplifier such as the JL Audio XD300/1v2. The diagram below shows the recommended crossover settings for the XD300/1v2 when being used to power your Stealthbox®.



The JL Audio XD300/1v2 is a very versatile audio component. Please consult the owner's manual for even more detailed information about installing and tuning this amplifier.

CONNECTIONS

Using quality power, signal, and speaker wire is essential in ensuring the performance of your Stealthbox®. JL Audio recommends using a 4 AWG power kit such as the XD-PCS4-1B for your Stealthbox® amplifier, other kits are available should you be using more than one amplifier. Signal wire such as the JL Audio Premium Audio Interconnect Cables should be used that will provide signal for both channels of the amplifier. JL Audio recommends using 12AWG speaker wire for subwoofers such as our XC-BCS12-25

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: 6 x 9" - Front Doors
Fits JL Audio Models: TR690-TXi, C2-690tx

Rear Speaker Size / Location: 6-1/2" - Rear Door
Fits JL Audio Models: TR650-CSi, TR650-CXi, C2-650, C2-650x,
 C3-650, C5-650, C5-650x, & ZR650-CSi



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