

Stealthbox®

INSTALLATION GUIDE

for the

SB-B-3SER99/8IB4

(Fits 1999 and up BMW 3-Series Coupes and Sedans including the M3)



This Stealthbox is a product which requires professional installation skills and tools. Please read this installation guide thoroughly before beginning the project. It will guide you step by step through the installation. Several of the steps in this process may require two people to accomplish.

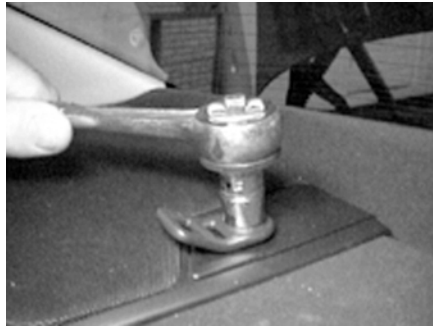
It is absolutely vital that the enclosure be properly mounted to the vehicle according to these instructions. Failure to mount the enclosure properly presents two problems: 1) The sub-bass performance will suffer due to the movement of the enclosure caused by the force exerted by the woofer(s) and 2) A loose enclosure presents a serious safety hazard in the event of a collision or sudden deceleration.

Please enjoy your JL Audio Stealthbox responsibly.

JL AUDIO®
Ahead of the Curve™

www.jlaudio.com

**START
HERE**



STEP 1: Remove the plastic housing and bolt from the bracket located on the rear speaker grills.



STEP 2: Remove the rear speaker grills.



STEP 3: Remove the rear factory speakers.



STEP 4: Remove the factory speaker cup.



This step is only for vehicles equipped with the folding rear seats.

STEP 5: Remove the 8mm bolt that secures the rear seat latch mechanism. This bolt is located under the rear deck and will be replaced later with a longer bolt (supplied).



STEP 6: A total of three holes must be drilled on each Stealthbox. Two of the holes vary in location depending on the type of 3-series (sedan or coupe). The holes are marked by dimples and colors. The green dot is for the Sedan and the red dot is for the Coupe. The black dot is the same for both vehicles.

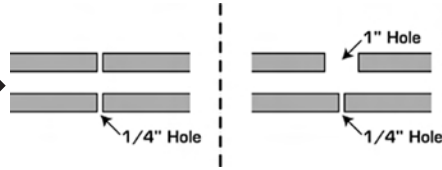


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Page 1



STEP 7: Using a 1/4" drill bit, drill out the correct holes. Make sure to go through both layers of the enclosure. The drill bit must be kept straight while drilling.



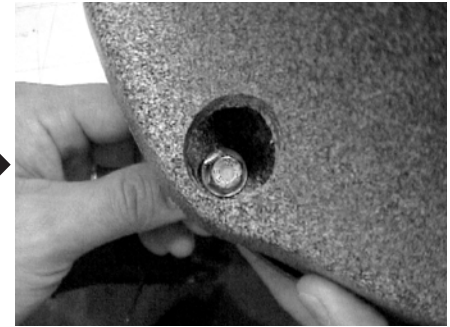
The left diagram shows a 1/4" hole through both layers of the enclosure.

The right diagram shows a 1" diameter hole through only the bottom layer of the enclosure.

(The enclosure is up-side-down during drilling the 1" diameter hole.)



STEP 8: Turn the enclosure up-side-down. Using a 1" hole saw drill a 1" hole through the enclosure's bottom layer only using the 1/4" hole, drilled in Step 7, as a guide.



This picture shows the enclosure from the bottom after both holes have been drilled. The bolt is shown in its eventual location.



STEP 9: Apply the supplied gasket to the enclosure as shown in the picture. Cut the gasket so that it does not cover mounting holes.



Steps 10 through 12 are for 3-series BMW's equipped with non-folding rear seats. If the vehicle is equip with folding rear seats, go to Step 13.

This picture shows a uni-bit and a 3/4" hole saw. You will need one or the other of these tools in Step 10.



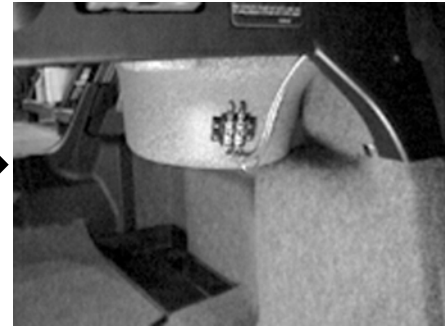
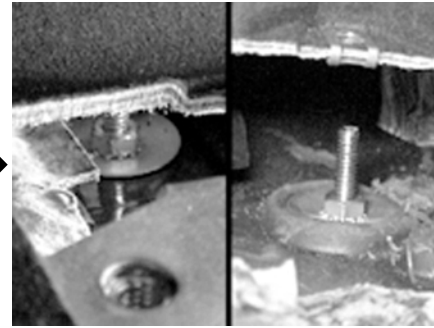
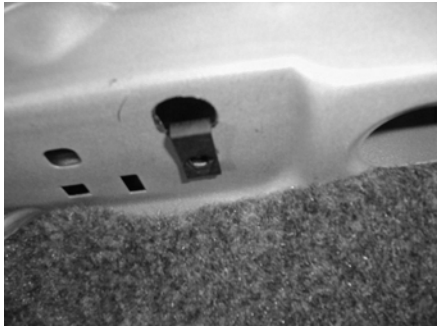
STEP 10: This is a picture from the passenger side trunk area. Drill the 3/4" hole behind of pre-existing square hole.



This picture shows the hole drilled in Step 10.



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STEP 11: Insert the supplied u-bolt into the hole drilled in Step 10. The threaded portion of the u-bolt should be aligned with the pre-existing square hole located directly beneath the newly created round hole. This threaded section will receive a 1/4" bolt used to secure the enclosure.

Notice: 3-Series vehicles that are equip with the optional BMW navigation and/or CD changer will have to trim the side trunk panel for proper clearance of the enclosure.

STEP 12: Run speaker wire to the location of each Stealthbox (one to the driver's side of the read deck and one to the passenger's side of the rear deck). Check both Stealthbox woofers for proper function.

STEP 13A (3-series with folding rear seats): Using the supplied bolts and washer (two 1/4"-20 hex bolts, one 8mm cap screw and two 1/4" x 3/4" washer). Bolt each enclosure and the factory seat latch to the rear deck.

STEP 13B (3-Series without folding rear seats): Using the supplied bolts and washers (three 1/4" hex bolts, three 1/4" flat washers) bolt each enclosure to the rear deck.

STEP 14: (3-series with folding rear seats): Two 1/4" hex bolts will extended through the rear deck.

(3-Series without folding rear seats): Three 1/4" hex bolt will extended through the rear deck.

Using the supplied 1/4" kep nuts and the 1/4" x 1-1/4" fender washers. Tighten all of the bolts, to secure each enclosure.

Notice: Each nut must be held with a wrench from inside the car.

STEP 15: After each enclosure has been properly secured, connect speaker wire to terminal.

STEP 16: Reinstall factory speaker grills that were removed in step2.

**CONGRATULATIONS!
INSTALL COMPLETE.**



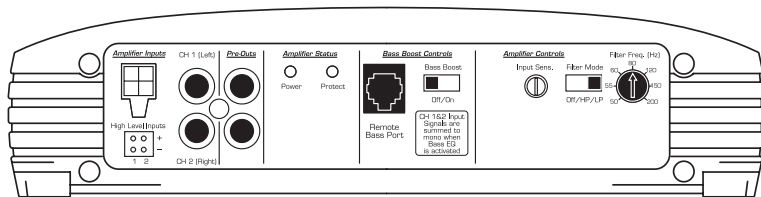
Included Hardware:

- (6) 1/4"-20x Hex Bolts
- (6) 1/4" x 3/4" USS Flat Washer
- (6) 1/4" x 1-1/4" Fender Washer
- (2) 8mmx35mmx1.25 Hex Cap Screws
- (1) 1/4"-20 U-Nuts
- (4) 1/4"-20 Kep nuts
- (6ft.) Foam Tape

Specifications:

- Enclosure Type:** Infinite Baffle
- Driver Type:** 81B4
- Nominal Impedance:** 8Ω Stereo, 4Ω Mono
- Cont. Power Handling:** 150 Watts

JL Audio recommends using a high quality amplifier such as the JL Audio e2150. The diagram below shows the recommended crossover, infrasonic filter and equalizer settings for the e2150 when being used to power the the BMW Stealthbox®.



The JL Audio e2150 is a very versatile audio component. Please consult the owner's manual for detailed information about installing and tuning this amplifier.

Mid/High Frequency Driver Information:

- Front Location Driver Size:** 6.5" (165.1 mm)
- Applicable JL Audio Products:** TR650-CX, VR650-CX or CS, XR650-CX or CS



- Rear Location Driver Size:** These locations are used for the Stealthbox.