

Stealthbox®

INSTALLATION GUIDE
for the
SB-SMRT-4-2/8W3v3
SKU# 94448
2008 & Up Smart fortwo



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. 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

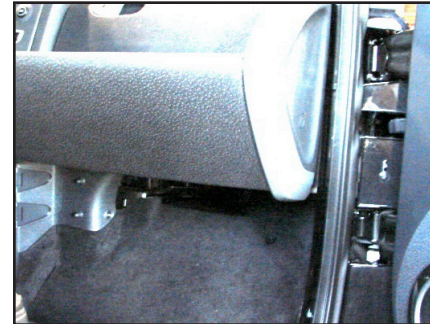
If you choose to perform the installation yourself, it is absolutely vital that the Stealthbox® be properly mounted to the vehicle according to these instructions. Failure to mount the enclosure properly presents two problems:

- 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:

4 OUT OF **5**

ESTIMATED TIME:
3 HOURS



STEP 1

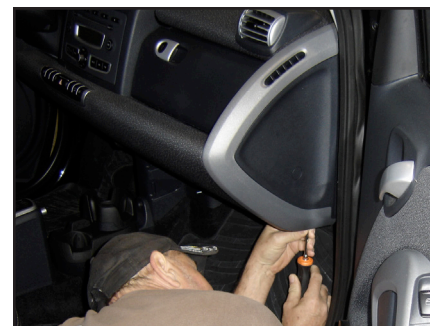
Read all of the instructions through once before starting the work. **We know you've seen this warning before but, if you only follow each step as it comes, the progression won't make sense, if you read everything all the way through, you'll understand, the job will be easier.**

Clean out the passengers side of the vehicle so that you have a comfortable place to work.



STEP 2

Remove the carpeting and, the foam underlay as if you were accessing the battery (refer to the vehicles owners manual if necessary).

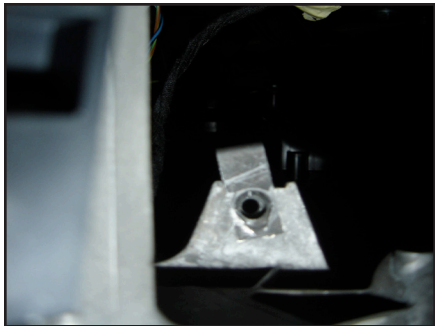


STEP 3

Under the passengers end of the dash there is a Torx screw that holds the dash end trim panel in place, remove it and, the trim piece.

**STEP 4**

Once the trim piece is removed, there are three Torx screws that hold the dash end piece in place, remove those and the end piece.

**STEP 5**

Looking into the end of the dash, you will notice the aluminum extrusion that is the frame of the dash. There is an exposed slot, slide the included 1/4-20 Speed Clip over this notch as shown.

**STEP 6**

Looking from under the dash, near the front of the vehicle, there is a flange just under the top of the dash that has a factory hole. Assemble the included Top Bracket and, 1/4-20 All Threaded Rod by putting on a 1/4-20 Nut and, Split Lock washer then threading the rod into the bracket so that just a few threads come out on the top side. Tighten the 1/4-20 Nut and, Split Lock washer to the Top Bracket. Once the Top Bracket/ All Threaded Rod have been assembled, bolt the other end of the Top Bracket to the flange using the included 3/8-16 x 1" Hex Head Bolt, Nut, Washers and, Split Lock Washer then rotate the Bracket so that it rests on the top of AC system as shown, tighten down all of this

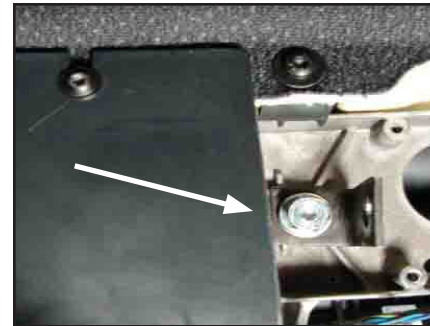
**STEP 7**

On the Bottom end of the 1/4-20 All Threaded Rod, install the Bottom Bracket as shown (approximately 1- 1 1/4" from the bottom), using included 1/4-20 Nuts, Washers and, Split Lock Washer.

DO NOT TIGHTEN THIS ASSEMBLY YET!

**STEP 8**

This picture is only to illustrate where the DETAIL below is located, the enclosure and, woofer have NOT been mounted yet. Where the arrow is pointing is where the DETAIL below is located.

**DETAIL**

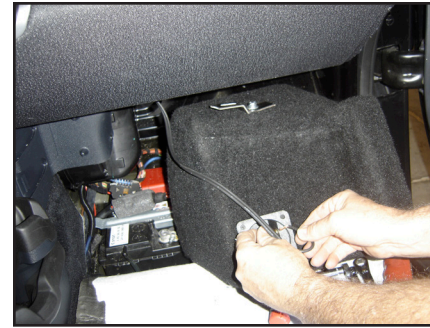
Install the included right angle bracket as shown through the slot in the dash extrusion using the included 3/8-20 Nut, Washers, 3/8-16 x 1 1/2" Hex Head Bolt, and, Split Lock washer. The end with the hole closest to the bend is against the dash extrusion. Slide the bracket all the way towards the center of the vehicle, oriented as shown.

DO NOT TIGHTEN THIS ASSEMBLY YET!

**STEP 9**

Remove the woofer from the enclosure. Mount the Elevated Bracket to the Stealthbox® as shown with the slotted end exposed and pointing towards the top of the enclosure, using the included 1/4-20 x 1" Hex Head Bolt, Split Lock washer and Washer. Snug this hardware down so that it isn't loose but,

DO NOT TIGHTEN THIS ASSEMBLY YET!

**STEP 10**

Attach the wire from the amplifier to the terminals on the Stealthbox®



STEP 11

Slide the enclosure up into place, it's a tight fit and, you'll need to move it around a little but if you start as shown, it will go in without any problems.



STEP 12

Looking at the end of the dash, you should see the Elevated Bracket pointing up next to the previously installed Speed Clip. (See Arrow)



STEP 13

Rotate the Elevated Bracket so that the slotted end is over the Speed Clip (as shown) and, install the included 1/4-20 x 1" Hex Head Bolt, Split Lock washer and Washer.

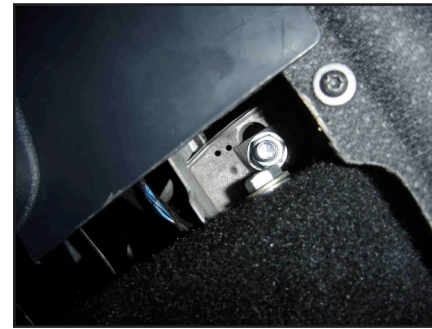
DO NOT TIGHTEN THIS ASSEMBLY YET!



STEP 14

Rotate the Bottom Bracket on the 1/4-20 All Threaded Rod so that it lines up with the threaded insert in the Stealthbox®, you may need to raise or lower the position of the Bottom Bracket on the All Threaded Rod in order to align everything. Install the included 3/8-16 x 1" Hex Head Bolt, Split Lock Washer and Washer as shown, securing the Stealthbox® via it's Threaded insert to the Threaded Rod.

DO NOT TIGHTEN THIS ASSEMBLY YET!



STEP 15

Install the included, 3/8-16 x 1" Hex Head Bolt, Split Lock washer and Washer through the Right Angle Bracket installed in **STEP 8** into the Stealthbox® as shown.

NOW YOU NEED TO TIGHTEN ALL OF THE PREVIOUSLY INSTALLED HARDWARE!

Re-install the woofer into the enclosure.

Re-assemble the end of the dash in the reverse order that it was disassembled, re-install the Foam Underlay and the Carpet.



STEP 16

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

- | | |
|---------------------------|----------------------------------|
| 6) 1/4" Split Lock Washer | 5) 1/4" Flat Washer |
| 3) 1/4-20 Hex Nut | 3) 1/4-20 x 1" Hex Head Bolt |
| 1) 1/4-20 Speed Clip | 1) 1/4-20 x 12" All Threaded Rod |
| 5) 3/8" Flat Washer | 2) 3/8-16 x 1" Hex Head Bolt |
| 3) 3/8" Split Lock Washer | 1) 3/8-16 x 1 1/2" Hex Head Bolt |
| 2) 3/8-16 Hex Nut | 4) Custom Brackets |

SPECIFICATIONS

Enclosure Type: Acoustic Suspension (sealed)

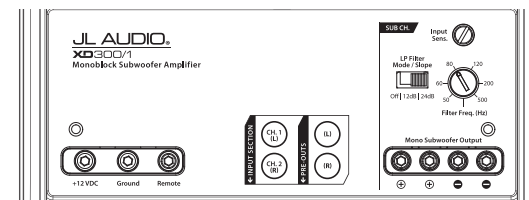
Driver Type: 8W3v3-4

Nominal Impedance: 4 Ohms

Continuous Power Handling: 250 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, infrasonic filter and equalizer 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.

MID/HIGH FREQUENCY DRIVER FITMENT

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

Front Speaker Size / Location: 6.0" - Front Doors

Fits JL Audio Models: C2-650, C2-650x

To change the OEM front speakers requires extensive modification and, the use of spacers/adaptors.



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(954) 443-1100

www.jlaudio.com

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