

# Stealthbox®

**INSTALLATION GUIDE**  
for the  
**SB-M-3-SPD/10W3v3**  
SKU# 94378/ 94379  
20007+ Mazda 3/ Mazda Speed 3



*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.*

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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

In the Mazda3, remove carpeted floor panel by unsnapping at rear-most edge then remove tool panel.

In the Speed3, remove the foam floor riser.



### STEP 2

Remove bolt securing spare tire with lug wrench provided in tool panel then remove spare tire.



### STEP 3

Remove sealant material from around mounting boss at center of spare tire well.

**STEP 4**

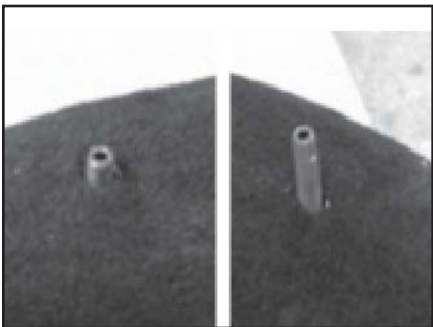
Carefully drill out spot welds using appropriately sized drill bit and pry mounting boss from spare tire well floor. Install (4) #8-32 x 1 screws, nuts, washers to seal holes left by removed spot welds.

**STEP 5**

Place sealant sheet provided over modified area as shown

**STEP 6**

Locate rivet in floor of spare tire well at approximately 10 o'clock position. Drill out rivet with 1/4-inch drill bit, then enlarge to 1/2-inch (may need to be drilled from under the car). Place wax square provided onto floor of spare tire well in approximately 2 o'clock position as shown in illustration.

**STEP 7**

Remove Stealthbox® from packaging and install 3/8 X 2.25 mounting studs into threaded inserts at bottom of enclosure. Thread driver's side stud in, leaving about 1 1/2-inches extended. Thread passenger side stud in, leaving only about 1/2-inch extended.

**STEP 8**

Place the enclosure into the mounting location with driver's side stud extended through hole previously drilled in spare tire well floor. Press down on the enclosure to make an impression in the wax square. Remove the enclosure to reveal the impression in the wax square. Drill 1/2-inch hole in location indicated by impression in wax square.

**STEP 9**

Extend the mounting stud on passenger side of enclosure to 1 1/2-inches.

**STEP 10**

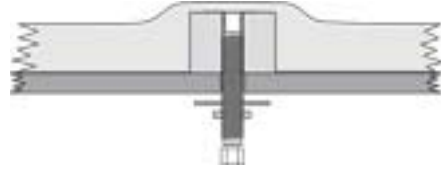
Route woofer wiring to Stealthbox® enclosure location and connect to terminal cup at bottom of enclosure. If the rest of the system is completed, test the Stealthbox® to ensure it's working.

**STEP 11**

Place enclosure back into mounting position with both mounting studs extended through holes drilled in floor.



**STEP 12**  
From under vehicle, install fender washers, lock washers, and 3/8x16 nuts to mounting studs. Put some silicone sealant between the vehicle body and, fender washer, tighten securely.



**STEP 13**  
Place spare tire on top of enclosure and secure with 3/8 X 1 bolt, flat washer, and original spare tire flange.

**If you are installing this Stealthbox® enclosure into a MazdaSpeed3, please skip to step number 20.**

**Steps 14-19 Apply ONLY to the Mazda 3**



**STEP 14**  
Place foam floor supports into cargo area as shown.



**STEP 15**  
Put tool panel into place as shown.



**STEP 16**  
Identify 10-inch long Velcro® strip provided. Cut (2) 3-inch long sections and (4) one inch sections. Remove backing from "hook" 3-inch sections and attach to tool panel as shown.



**STEP 17**  
Place two 1-inch sections of the "loop side" of the Velcro on RIGHT hand end of each 3-inch section as shown (white squares). Press down to lock sections together.



**STEP 18**  
Remove backing from 1-inch sections that were placed above. Set provided passenger side cargo floor panel into place over Velcro® strips and press downward to engage Velcro® and adhere to panel back. Place remaining 1-inch "loop side" Velcro strips onto the LEFT ends of attached 3-inch "hook" strips as shown and, remove adhesive backing.



**STEP 19**  
Place driver's side cargo floor panel into place and press down over Velcro to engage and adhere strips to floor panel bottom.

**CONGRATULATIONS!**

You have completed the Stealthbox® installation for the Mazda3

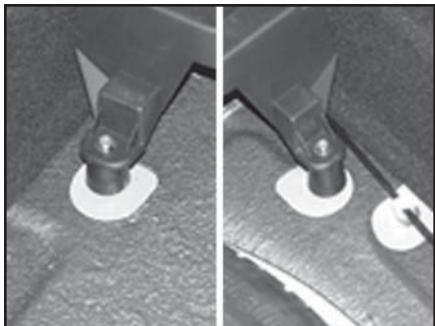
Enjoy your new Stealthbox®!

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

**The following steps apply ONLY if you are installing this Stealthbox® enclosure into a MazdaSpeed3.**

**(continued from step 13)**

**STEP 20**  
Remove screws securing rearmost edge of plastic floor support panel located across front of cargo area. install 7/8 inch spacers with #8 x 2.25 screws to lift rear edge of panel as shown



**STEP 21**  
Attach foam spacers to bottom of OEM foam cargo floor support as shown. Place foam cargo floor support back into original location.



**STEP 22**  
Replace OEM carpeted cargo floor panel

**CONGRATULATIONS!**

You have completed the installation for this model!

Enjoy your new Stealthbox®!

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

**INCLUDED HARDWARE**

- |                                    |   |
|------------------------------------|---|
| (2) wax squares                    | (4) #8-32x1 Button Head Phillips Screws |
| (2) 3/8-16 X 2-1/4" Set Screw Stud | (4) #8-32 nuts                          |
| (2) 3/8 X 1-1/4" Fender Washer     | (4) #8 washers                          |
| (2) 3/8 X 2" Fender Washer         | (2) 3/8 Split lock Washer               |
| (2) 3/8-16 Hex Nut                 | (3) Foam spacer blocks                  |
| (1) 10" length Velcro®             | (2) Replacement floor panels*           |
| (1) 3/8x1 bolt                     | (1) 3/8 flat washer                     |
| (1) self adhesive sealent sheet    |   |

\* ( MAZDA 3 ONLY NOT INCLUDED WITH MAZDA SPEED3 )

**SPECIFICATIONS**

Enclosure Type: Acoustic Suspension (sealed)

Driver Type: 10W3v3-4

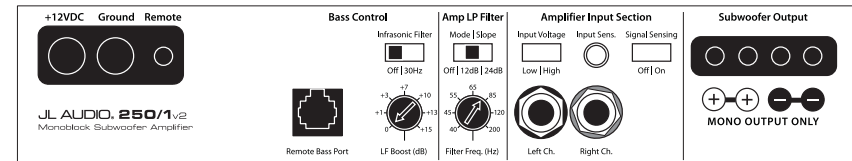
Nominal Impedance: 4 ohms mono

Continuous Power Handling: 500 Watts

**POWER RECOMMENDATION**

JL Audio recommends using a high quality amplifier such as the JL Audio 250/1v2.

The diagram below shows the recommended crossover, infrasonic filter and equalizer settings for the 250/1v2 when being used to power your Stealthbox®.



The JL Audio 250/1v2 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 you vehicle.

Front Speaker Size / Location: 5"x 7" / 6"x 8"- Front Doors  
Fits JL Audio Models: TR570-CXi, C5-570, C5-570x & ZR570-CSi

Rear Speaker Size / Location: 5"x 7" / 6"x 8"- Rear Door  
Fits JL Audio Models: TR570-CXi, C5-570x



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For more detailed information please visit us online at [www.jlaudio.com](http://www.jlaudio.com).

