

Stealthbox®

INSTALLATION GUIDE
for the

SB-HY-VELOSTR/10TW3

SKU# 94570

2011-2018 Hyundai Veloster



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

SPECIFICATIONS

Enclosure Type: Sealed

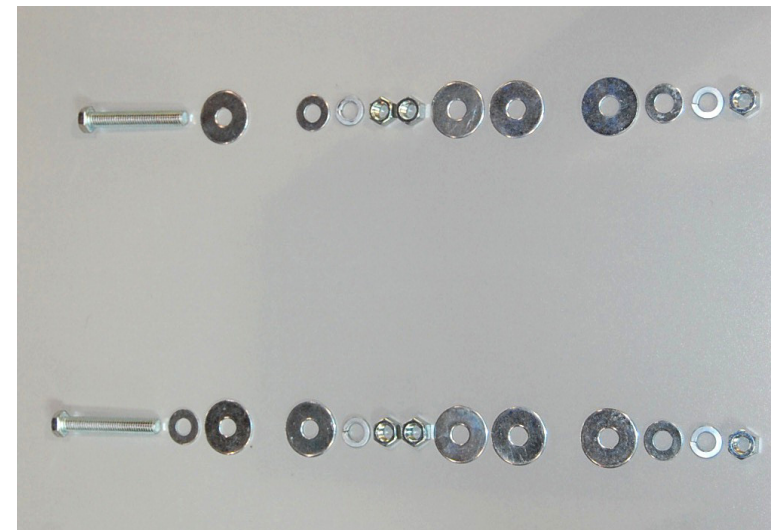
Driver Type: 10TW3-D4

Nominal Impedance: 2 ohms

Continuous Power Handling: 400 watts (RMS method)

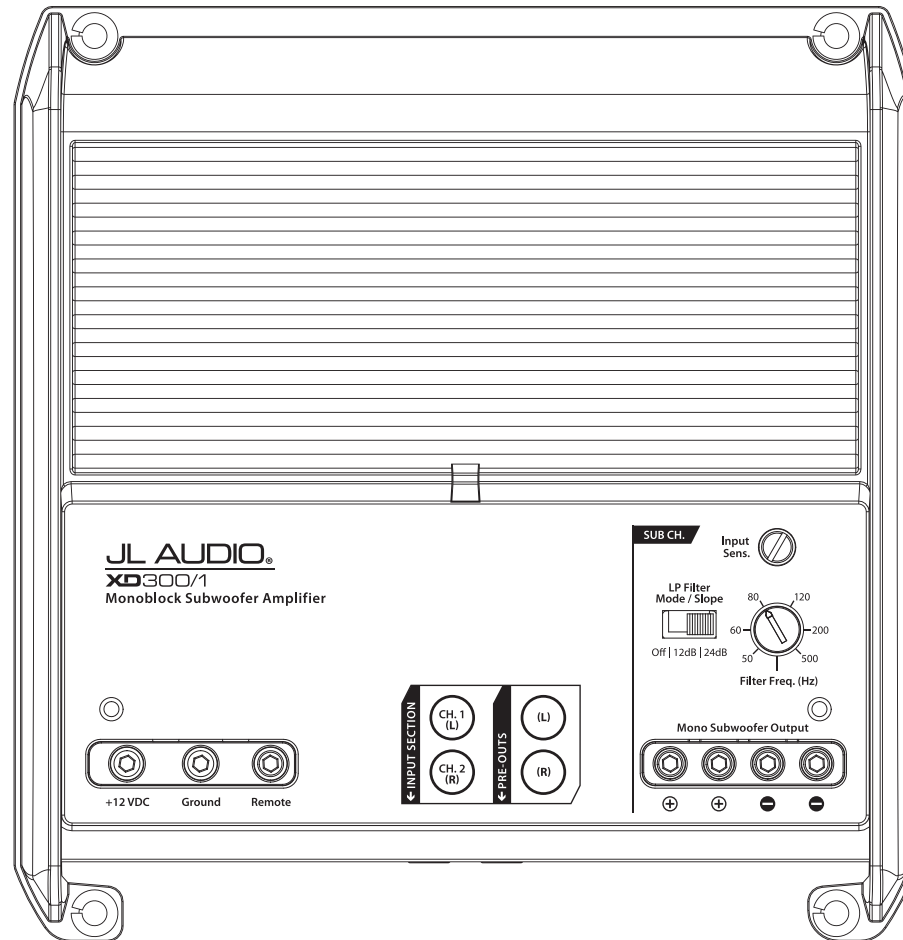
INCLUDED HARDWARE

- (2) 3/8 - 16 x 2-1/2" Bolt
- (9) 3/8" Fender Washer
- (4) 3/8" Flat Washer
- (4) 3/8" Lock Washer
- (6) 3/8 - 16 Hex Nut



POWER RECOMMENDATION

JL Audio recommends high quality amplifiers such as the JL Audio XD300/1v2. The diagram below shows the recommended crossover settings for the XD300/1v2. For a detailed description of the amplifier settings, consult the owner's manual for the amplifier. If another amplifier is being used, please reference this illustration and use similar settings on that 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 to provide signal for both channels of the amplifier. JL Audio recommends using 12AWG speaker wire for subwoofers.



STEP 1

Empty the cargo area of the vehicle.



STEP 2

Fold the rear seat back forward and remove the trunk floor.



STEP 3

Unclip the cover on the passenger side rear seat back latch.



STEP 4

Carefully unclip and remove the hatch sill panel.



STEP 5

Remove the screw that holds the rear of the passenger side panel in place.



STEP 6

Remove the screws that hold the passenger side panel to the floor.



STEP 7

Remove the bolts at the back of the rear seat cushion.



STEP 8

Carefully unclip the front of the rear seat cushion, and remove the cushion.



STEP 9

Remove both the clip holding in the passenger side rear door sill panel and the clip holding down the front of the passenger side panel.



STEP 10

Carefully unclip and remove the passenger side rear door sill panel.



STEP 11

Unbolt the rear seat back from the vehicle.



STEP 12

Slide the seat back off of the post and remove the seat.



STEP 13

Pictured is the back of the vehicle after the rear seat has been completely removed.



STEP 14

Unbolt the rear passenger side seat belt as shown.



STEP 15

Remove the screws that hold in the plastic panel between the cabin and cargo area, and remove the panel.



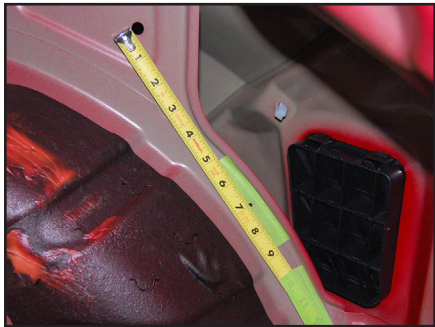
STEP 16

Starting at the back of the vehicle, carefully unclip the passenger side panel, and remove the panel.



STEP 17

Pictured is the back of the vehicle with the passenger side panel removed.



STEP 18

Measure and mark down 7" from top of the factory hole as shown.

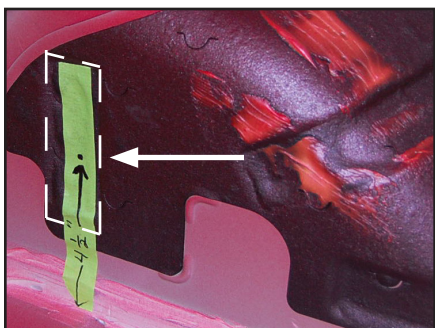


STEP 19

Drill a 3/8" hole on the mark 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 20

Measure and mark up 4-1/2" from the floor at the center of the indented section of the wheel well as shown.



STEP 21

Jack up the rear passenger side of the vehicle.



STEP 22

Drill a 1/8" pilot hole on the mark made in **Step 20**.

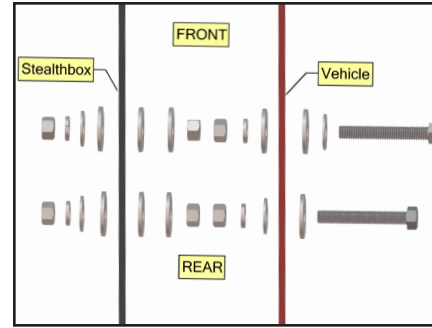
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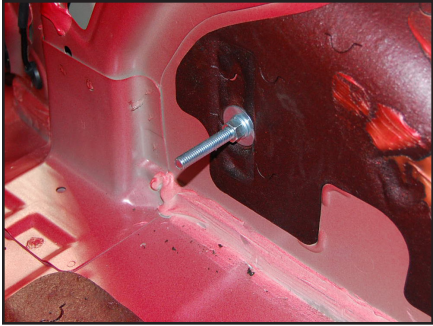
STEP 23

Enlarge the hole made in the previous step to 3/8".



STEP 24

Reference this illustration for clarity in **Steps 25-29**.

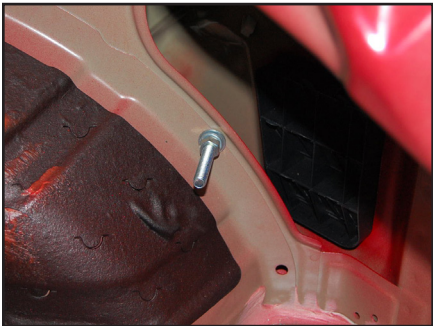
**STEP 25**

Slide a 3/8" Flat Washer and a 3/8" Fender Washer over a 3/8 - 16 x 2-1/2" Bolt. Slide the assembly from the outside of the vehicle through the hole made in **Step 23**. Slide a 3/8" Fender Washer and a 3/8" Lock Washer over the 3/8 - 16 x 2-1/2" Bolt from the inside of the vehicle, then thread on a 3/8 - 16 Hex Nut.

Reference **Step 24** for clarity.

**STEP 26**

Pictured is the installed hardware from the outer fender well. Lower the vehicle back to the ground.

**STEP 27**

Slide a 3/8" Fender Washer over a 3/8 - 16 x 2-1/2" Bolt. Slide the assembly from the back of the brace through the hole made in **Step 19**. Slide a 3/8" Flat Washer and a 3/8" Lock Washer over the 3/8 - 16 x 2-1/4" Bolt from the front of the brace, then thread on a pair of 3/8 - 16 Hex Nuts.

Reference **Step 24** for clarity.

**STEP 28**

Slide two more 3/8" Fender Washers over the 3/8 - 16 x 2-1/2" Bolt as shown.

**STEP 29**

Pictured is all the hardware after installation.

**STEP 30**

Using a Phillips head screwdriver, remove the subwoofer from the Stealthbox®. Place the enclosure over the passenger side panel, aligning it with the top of the panel. Mark the locations of the holes in the enclosure onto the panel. Remove the enclosure and drill 3/8" holes on the marks.

**STEP 31**

Reinstall the passenger side panel into the vehicle, allowing the two 3/8 - 16 x 2-1/4" Bolts to pass through the holes made in the previous step.

**STEP 32**

Reinstall the plastic divider panel, rear seat back, rear seat cushion, rear door sill panel, latch cover, cargo sill panel, and trunk floor panel.

**STEP 33**

Connect speaker cable to the terminal cup on the Stealthbox®, and place the enclosure into position in the vehicle, allowing the two 3/8 - 16 x 2-1/4" Bolts to pass through the holes in the enclosure.

**STEP 34**

Slide a 3/8" Fender Washer, a 3/8" Flat Washer, a 3/8" Lock Washer, and a 3/8 - 16 Hex Nut over each of the 3/8 - 16 x 2-1/4" Bolts, and firmly tighten.

**STEP 35**

Reinstall the subwoofer.

CONGRATULATIONS!

You have completed the installation for this model. Enjoy your new Stealthbox®!

**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: 6-1/2"- Front Doors

Fits JL Audio Models: C1-650X, C1-650, C2-650x, C2-650,
C3-650, C5-650x, C5-650, & C7-650cw

Rear Speaker Size / Location: 6-1/2"- Rear Door

Fits JL Audio Models: C1-650X, C1-650, C2-650x, C2-650,
C3-650, C5-650x, C5-650, & C7-650cw



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(954) 443-1100

www.jlaudio.com

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