

# Stealthbox®

INSTALLATION GUIDE  
for the

**SB-GM-TRLBLZR/10W3v3**

SKU# 94142, & 94144 - 94146

2002-Up Chevrolet Trailblazer / GMC Envoy & 2003-Up Buick Rainier



*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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*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

INSTALLATION  
DIFFICULTY:

2 OUT OF 5



### STEP 1

Remove all contents from the cargo area.



### STEP 2

With a 7mm socket, remove the two bolts that are located at the rear of the passenger's side rear wheel well.



### STEP 3

With a flat bald screw driver, remove the two push/pull tabs that are located behind the passenger's side rear tire.

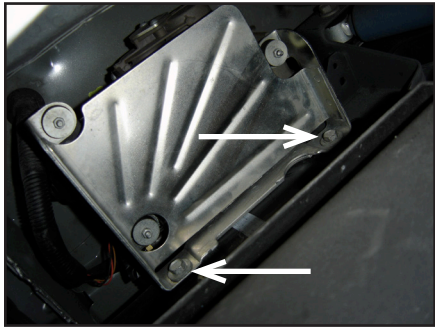


**STEP 4**

With a 10mm box/open end wrench, remove the bolt that is located in front off the passenger's side rear tire.

With all the mounting hardware removed, remove the plastic wheel well liner.

If your SUV does not have the factory air compressor, please go directly to **STEP 7**.



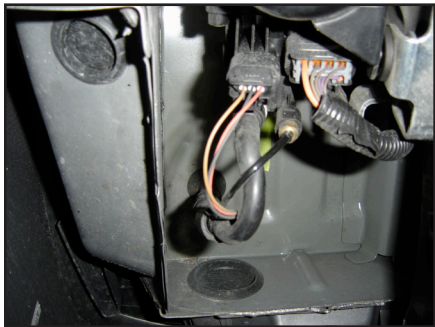
**SUVs with the air compressor only.**

**STEP 5**

Look up into the passenger's side rear wheel well. You will see this metal plate as in the picture.

The air compressor is mounted onto this plate. The plate is mounted to the chassis with two bolts.

Remove these two bolts.



**SUVs with the air compressor only.**

**STEP 6**

This compressor is not to be removed out of the wheel well. Carefully wedge the compressor into the wheel well, so it stays. Some large zip ties can be used to temporary mount the compressor out of the way.

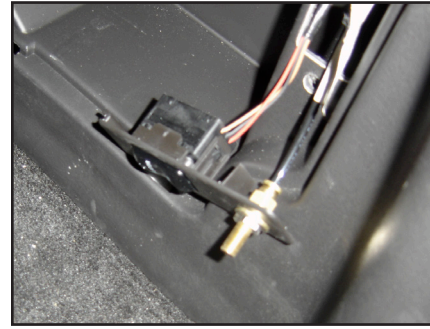
Make sure that you do not kink any of the nylon air hose.



**STEP 7**

Remove the storage door.

If your SUV does not have the factory air compressor, please go directly to **STEP 14**.



**SUVs with the air compressor only.**

**STEP 8**

Pop out the panel that hold the air compressor switch and hose nozzle.

Remove the hose nozzle from panel.

Pop the switch out of the panel, from the back side.



**SUVs with the air compressor only.**

**STEP 9**

Apply tape to the switch panel to mark your cut line and new hose nozzle's mounting hole.

Drill a new mounting hole for the hose nozzle as close to the switch opening as possible.

Cut the bottom of the switch panel just below the new mounting hole.



**SUVs with the air compressor only.**

**STEP 10**

The air compressor switch panel needs to be mounted at the lower right corner, outside the pocket onto the side panel.



**SUVs with the air compressor only.**

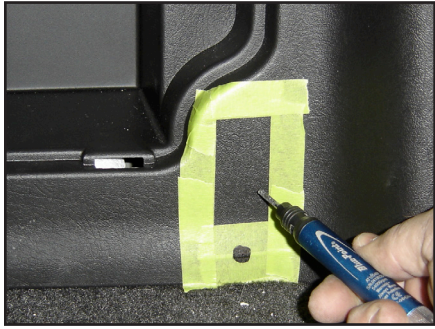
**STEP 11**

The cut out of the side panel only needs to be as wide as the switch hold clips that are on the back side of the switch panel.

The cut out of the side panel only needs to be as tall, as from the bottom of the switch and to the top of the switch panel.

**Do not cut the side panel as tall as the tongue that is on the top and the back side of the switch panel.**

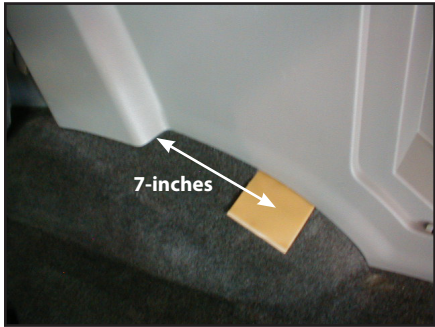
Mark the hose nozzle's mounting hole onto the side panel.



**STEP 12**

Use a hand held rotary tool (Dremel) with cutting bit, to cut out the side panel for the compressor switch panel.

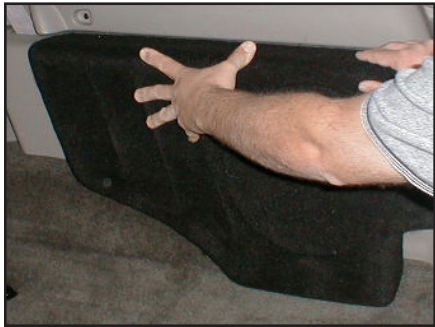
Remember the hole for the hose nozzle.



**STEP 13**

Place one of the supplied wax squares, so the side of the wax square is flush against the plastic side panel and the middle of the wax square measures 7-inches from the front protrusion of the side plastic panel.

**Not pictured.** Place the second supplied wax square, so the side of the wax square is flush against the plastic side panel and the middle of the wax square measures 7-inches from the rear of the wheel well to the back of the SUV.



**STEP 14**

Thread the supplied pair of socket cup set screws into the bottom of the Stealthbox, leaving 1/2-inch of thread exposed. Position the Stealthbox in the mounting location and press down on it firmly.

Remove the Stealthbox carefully, leaving the wax squares in place. The socket cup set screws will leave impressions in the wax.



**STEP 15**

**Note: Before drilling, make sure that you are not going to be drilling into any gas lines, brake lines, transmission lines, electrical wiring, transfer case (4x4 vehicles) or anything else that might cause a reduction in your weekly pay. Always wear eye protection when drilling!**

With a drill and a 1/2-inch drill bit, drill through the impression made in the wax square and into the vehicle's wheel well.



**STEP 16**

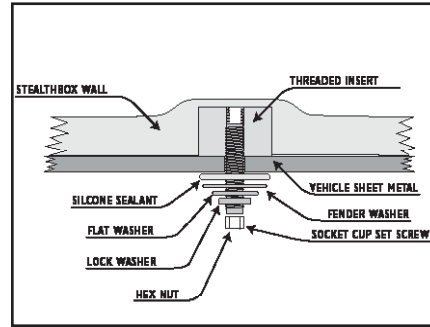
Run speaker wire from the amplifier location to the Stealthbox location and check for proper operation of the woofer.



**STEP 17**

Back out the socket cup set screws so 1 1/4-inch of threads are exposed.

Place the Stealthbox into position by guiding the socket cup set screws through the holes drilled.



**STEP 18**

From under the vehicle, place the supplied fender washers, flat washers, lock washers and then hex nuts onto each protruding socket cup set screw and secure. Adjust the amount of exposed thread on each cup set screw if necessary keeping in mind that leaving too much exposed tread will prevent the re-installation of the air compressor and or the plastic wheel well liner.

**Note: For added protection, it is recommended that you apply a bead of silicone between the vehicle and the fender washer. After the bolt assembly is tightly secured, it is also recommended that vehicle under-coating material is applied to the exposed**



If your SUV does not have the factory air compressor, please go directly to **STEP 20**.

**SUVs with the air compressor only.**

**STEP 19**

Mount the air compressor back into position.



**STEP 20**  
Replace the plastic wheel well liner. Using a 10mm open/closed combination wrench, re-install the bolt that removed in **STEP 4**.



**STEP 21**  
Re-install the pair of push/pull tabs removed in **STEP 3**.



**STEP 22**  
With a 7mm socket and socket wrench, re-install the pair of bolts removed in **STEP 2**.



**CONGRATULATIONS**  
You have completed the installation for this model!  
  
Please refer to the Power Recommendation section for an amplifier recommendation and basic set-up help.

**INCLUDED HARDWARE**

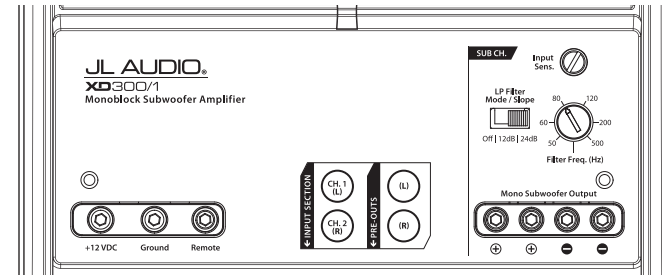
- (2) 3/8-inch Split Lock Washer
- (2) 3/8-inch Flat Washer
- (2) 3/8-inch x 1 1/4-inch Fender Washer
- (2) 3/8-inch 16 x 2 1/4-inch Socket Cup Set Screws
- (2) 3 x 3-inch Wax Square
- (2) 3/8-inch Hex Nut

**SPECIFICATIONS**

**Enclosure Type:** Acoustic Suspension (sealed)  
**Driver Type:** 10W3v3-2  
**Nominal Impedance:** 2 ohms  
**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.

**MID/HIGH FREQUENCIES 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:** 6.5-inch / Front Doors  
**Fits JL Audio Models\*:** TR650-CSi, TR650-CXi, C2650, C2650-X, C3650, C5-650, C5-650x & ZR650-CSi

**Rear Speaker Size / Location:** 6.5-inch / Rear Doors  
**Fits JL Audio Models\*:** TR650-CSi, TR650-CXi, C2650, C2650-X, C3650, C5-650, C5-650x & ZR650-CSi

\* Will fit with minor modifications



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