StealthMod®

INSTALLATION GUIDE
for the

SMS-B-X5E70
SKU# 94518
2007 - Up

Thank you for choosing a JL Audio StealthMod® 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 StealthMod® system 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.

JL AUDIO®
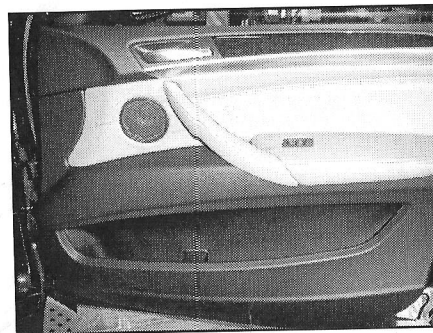*Ahead of the curve™*

! IMPORTANT

If you choose to perform the installation yourself, it is absolutely vital that the StealthMod® system 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.
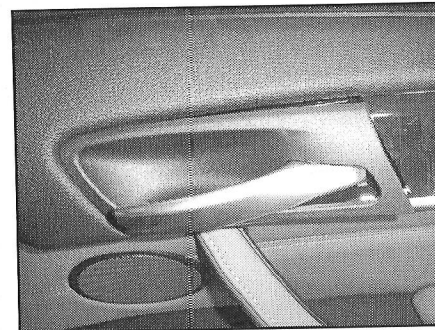
INSTALLATION DIFFICULTY:

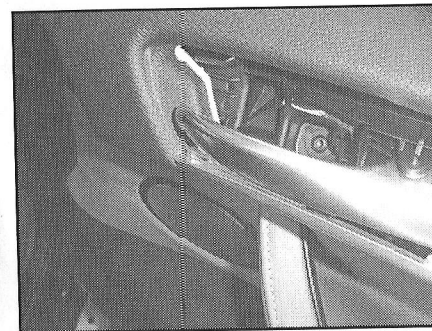5 OUT OF 5

ESTIMATED TIME:
4-5 HOURS

STEP 1
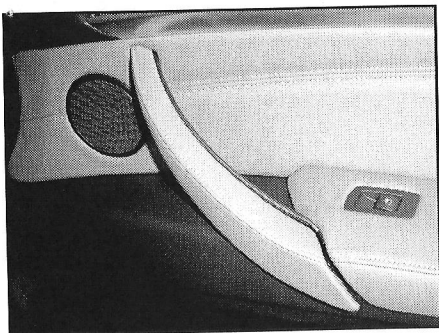Roll down the window and open the passenger door.

STEP 2
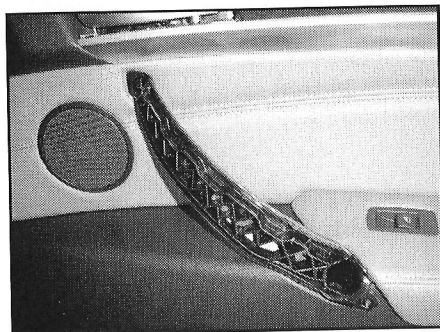Carefully pry up on the trim piece around the release handle and remove it from the vehicle.
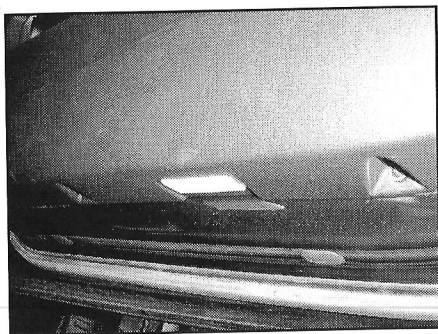
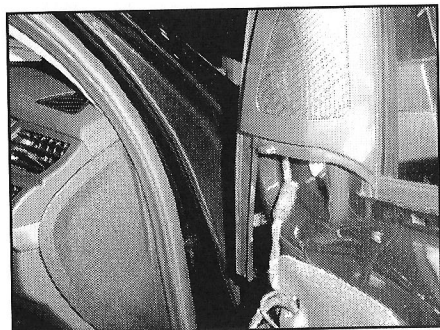### STEP 3
Remove the screw behind the panel.

STEP 4

Carefully pry off the trim on the pull handle and remove it from the vehicle.

STEP 5

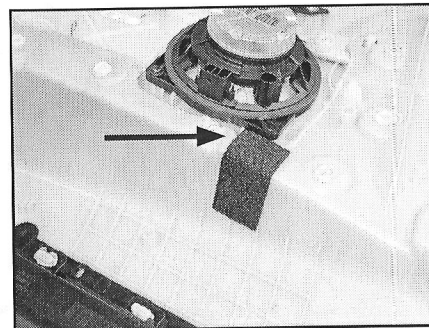Remove the two screws under the panel.

STEP 6

Remove the two screws on the underside of the door panel. Starting at the bottom, unclip the door panel from the door, unplug the wiring harnesses, and remove the door panel from the vehicle.
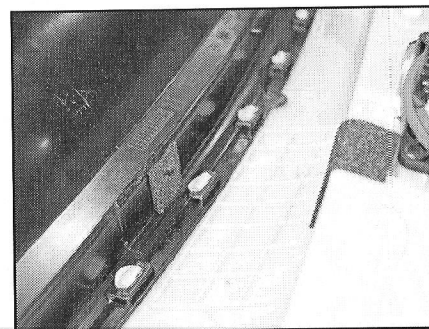
STEP 7

With the door panel removed, unclip the front of the upper door trim as shown.
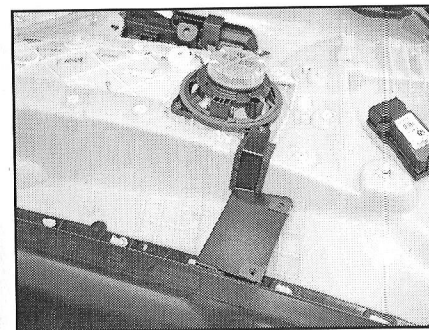
STEP 8

Unclip the rear of the upper door trim as shown, and remove the panel from the vehicle.
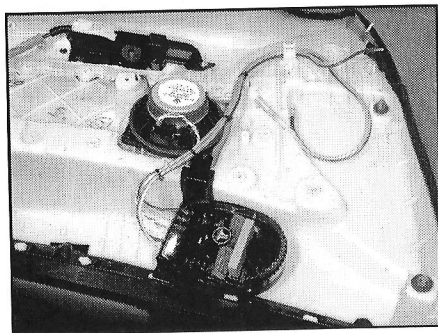
STEP 9

Pictured is the back side of the door panel. Cut a small piece of the Foam Tape and apply it to the panel as shown. Remove the screw indicated, and retain it for use in **Step 11**.

STEP 10

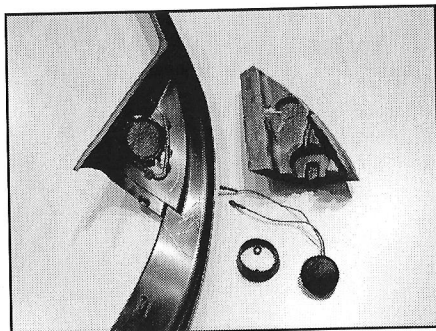Cut a second piece of the Foam Tape and apply it to the panel, over the clip as shown.

STEP 11

Slide a pair of Speed Clips over the holes in the Crossover Bracket. Place the bracket over the two pieces of Foam Tape, aligning the holes with the clip and speaker mounting hole. Secure the bracket to the door panel with the screw removed in **Step 9**.
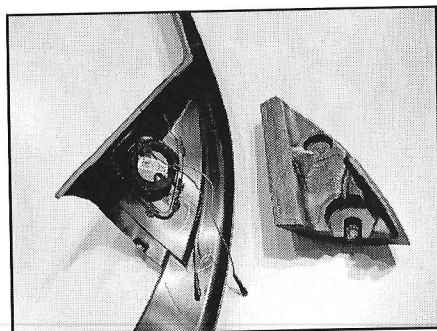
STEP 12

Cut two more pieces of Foam Tape, and apply them to the Crossover Bracket, then mount the Crossover to the bracket using a pair of #8 x 3/4" Phillips Head Screws.
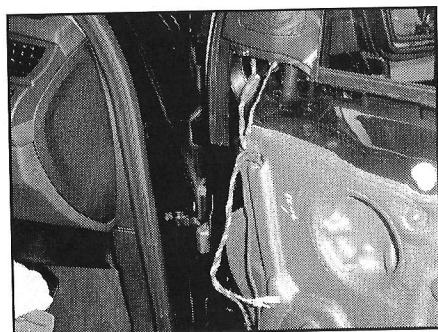
Cut the factory midrange wires with enough length to reach the Crossover. Connect the White positive and White/Blue negative wires from the factory midrange to the Woofer Output (W+ and W-) of the Crossover. Connect the other end of the cut factory midrange wires to the Input (In + and In -) of the Crossover.

STEP 13

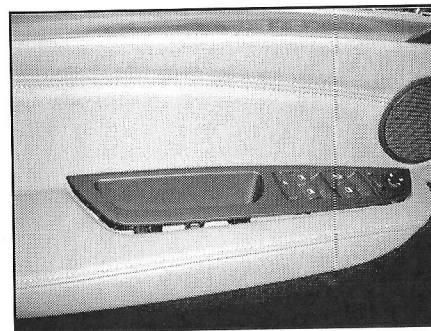Remove the foam from the upper door trim to access the factory tweeter. Unclip and remove the tweeter.

STEP 14

Mount the C5 Tweeter into the surface mount cup, and install the assembly into the factory provision as shown. An adhesive is recommended to secure the assembly. Reinstall the foam with the tweeter wires exiting from the bottom.

STEP 15

Reinstall the upper door trim with the tweeter wires exiting from the bottom as shown. Extend the positive and negative tweeter wires as necessary, and onnect them to the Tweeter Output (T+ and T-) of the Crossover.
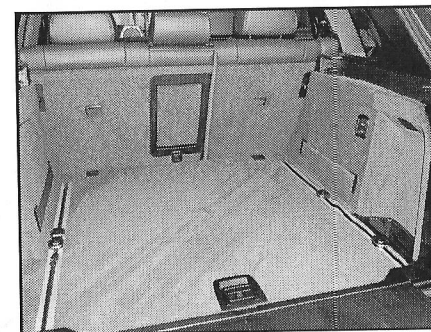
Plug in the factory harnesses and reinstall the door panel.
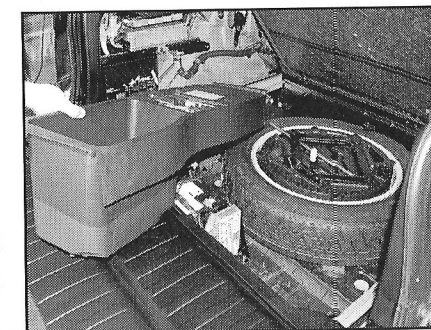

STEP 16

Repeat the Crossover and Tweeter installation for the driver's side beginning by following the procedure outlined in **Steps 1-3**.

Remove the screw from inside the door cup, and carefully unclip the switch panel as shown. Unplug the harnesses and remove the panel.
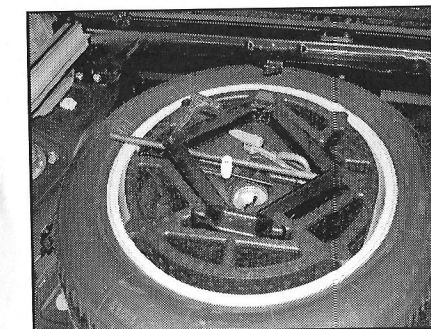
Continue by following the procedure outlined in **Steps 6-15**. The factory midrange has a Yellow positive wire and a Yellow/Black negative wire.

STEP 17

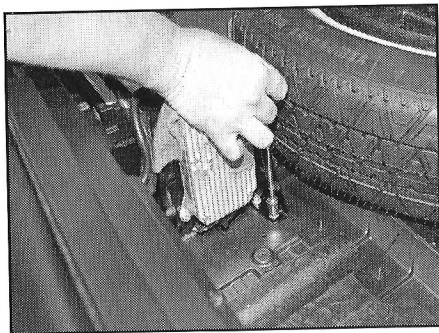Empty out the cargo area so that you have a clean area to work in.

STEP 18

Remove the cargo floor panel. Remove the two screws on the battery cover, and remove the cover. Remove the screw holding in the storage tray, and remove the tray.
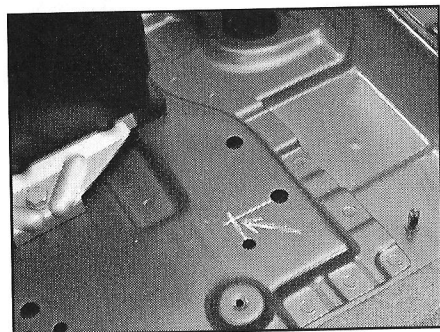

STEP 19

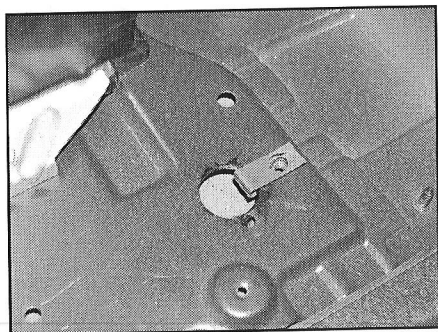The tools can be relocated to the foam tray inside the spare tire.

STEP 20

Remove the nut from the factory bracket as shown. Retain the nut for use in **Step 26**.

If this factory bracket isn't present, substitute **Steps 21-22**.
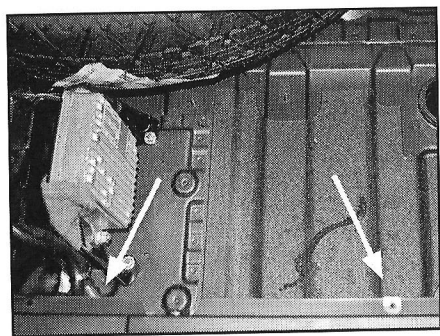
STEP 21

Note: **Steps 21-22** are only necessary on vehicles not equipped with the factory bracket shown in **Step 20**.
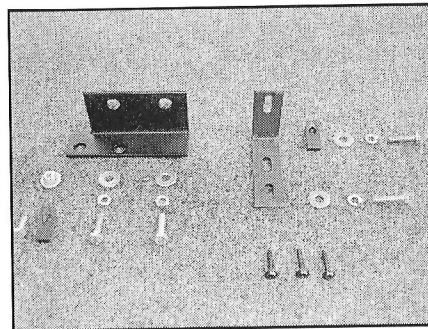
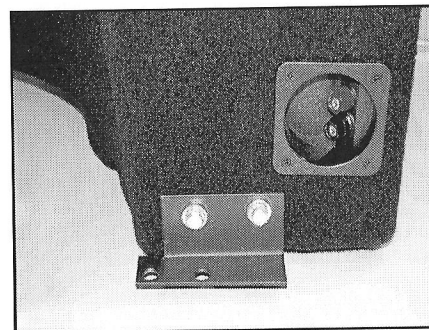Locate the two holes in the floor, and mark their perpindicular intersection as shown.

STEP 22

Using a 1" hole saw, drill a hole at the intersection and slide a U-Nut through the driled hole, aligning it with the factory hole as shown.
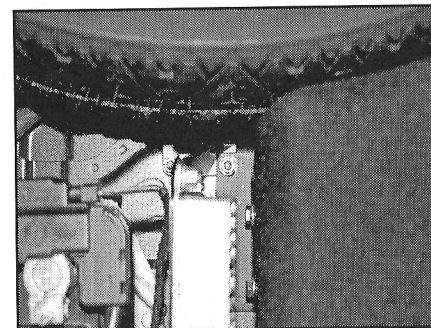
STEP 23

Remove the speed clip from the location indicated by the left arrow, and relocate it to the location indicated by the right arrow as shown.

STEP 24

Pictured is the included hardware needed to mount the enclosure, along with the factory nut removed from **Step 20**.
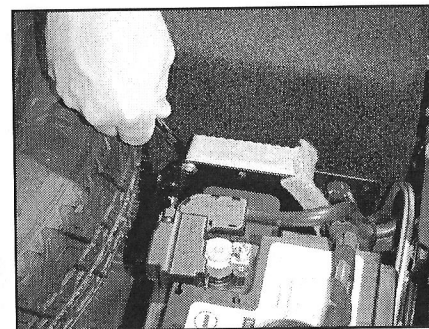
STEP 25

Using a pair of 1/4" - 20 x 1" Bolts, 1/4" Lock Washers, and 1/4" Flat Washers, attach the Side Bracket to the Stealthbox® as shown, and hand tighten.
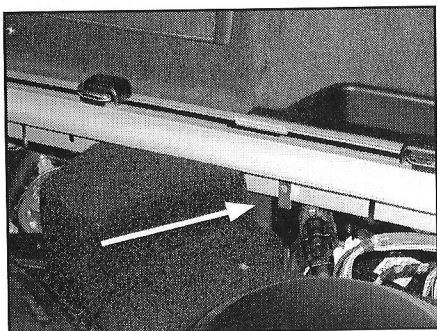
STEP 26

Attach 12 AWG Speaker Cable to the Stealtbhox®, and place the enclosure into position, aligning the hole in the Side Bracket with the factory bolt as shown. Secure the Side Bracket to the floor using the factory nut removed in **Step 20**.

On vehicles not equipped with the factory bracket and bolt, secure the Side Bracket to the U-Nut installed in **Step 22** using a 1/4 - 20 x 1/2" Bolt.
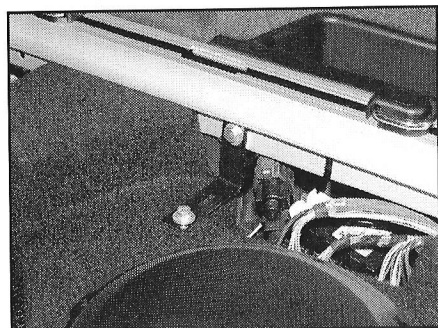
STEP 27

Slide the Stealthbox® as far back toward the rear of the vehicle as possilbe. Using an open-ended wrench, tighten the two 1/4" - 20 x 1" Bolts to secure the Side Bracket to the Stealthbox®.
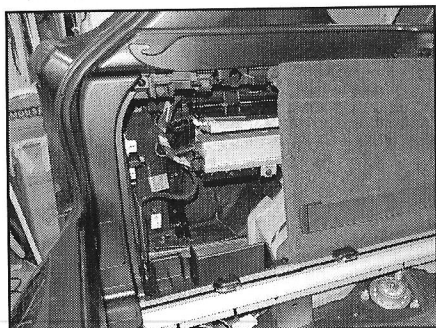
STEP 28
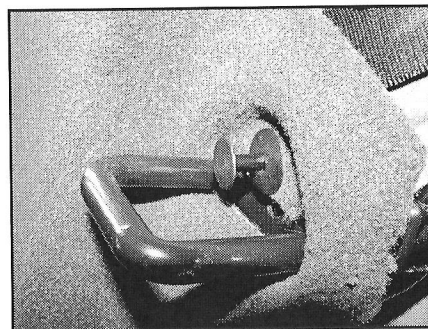Slide a U-Nut over the factory hole in the rail as indicated.

STEP 29
Secure the Top Bracket to the Stealtbox® and to the rail using a pair of 1/4" - 20 x 1" Bolts, 1/4" Lock Washers, and 1/4" Flat Washers.
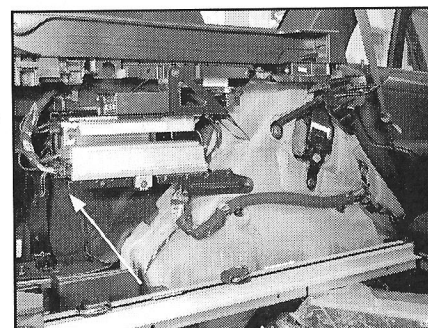
STEP 30
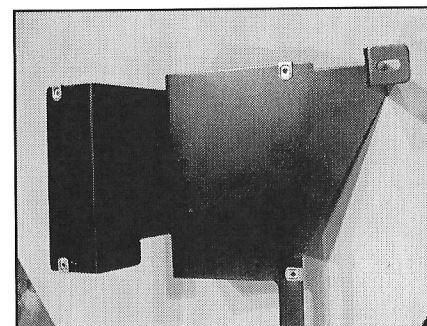Remove the access door from the left side panel.

STEP 31
Remove the three clips that hold the storage pocket in place and remove the pocket.
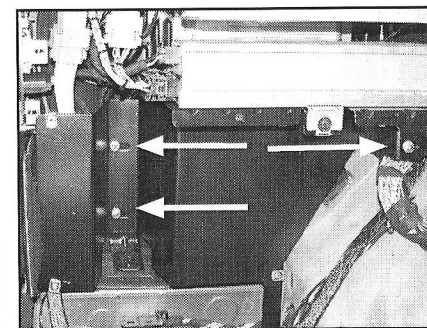
STEP 32
Remove the three clips that hold the side panel in place and remove the panel.
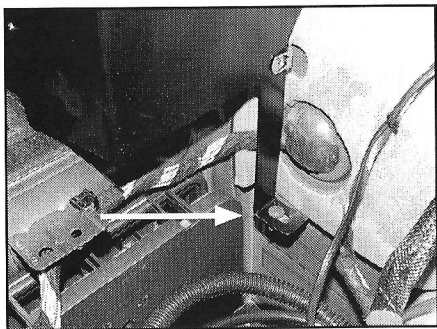
STEP 33
Pictured is the cargo area with the left side panel removed. Unplug the indicated factory amplifier plug for easier access to the factory wiring in **Steps 37-38**.
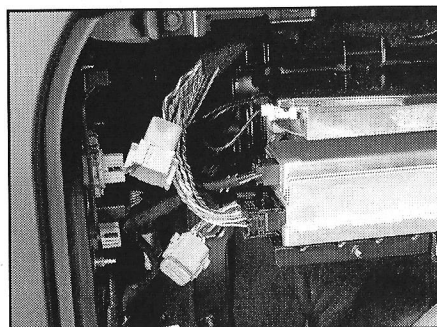
STEP 34
Place four Speed Clips on the Amplifier Bracket as shown.

STEP 35
Align the Amplifier Bracket to the factory studs as shown, and secure it to the vehicle using three 5mm Hex Nuts as indicated.
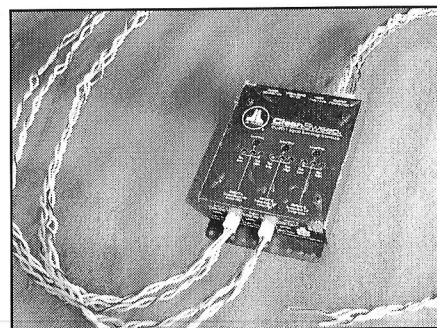
STEP 36
Slide a Speed Clip over the factory hole as shown, and secure the lower part of the bracket with a #8 x 3/4" Phillips Head Screw.

STEP 37
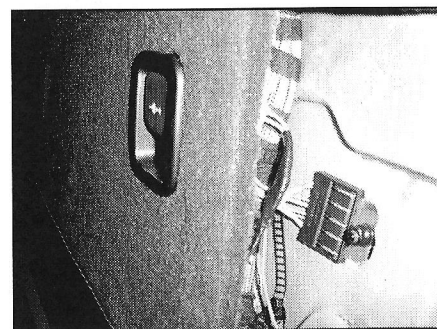Cut the following factory wires approximately six inches away from the factory amplifier plug:

LF Door (+) = Blue/Brown	RF Door (+) = Blue/Brown
LF Door (-) = Blue/White	RF Door (-) = Blue/Black
LF Sub (+) = Brown/Yellow	RF Sub (+) = Brown/White
LF Sub (-) = Red/White	RF Sub (-) = Red/Blue

Note: Pictured are plugs we added to easily return the vehicle to its original condition. These are not necessary, nor included with this StealthMod® kit.
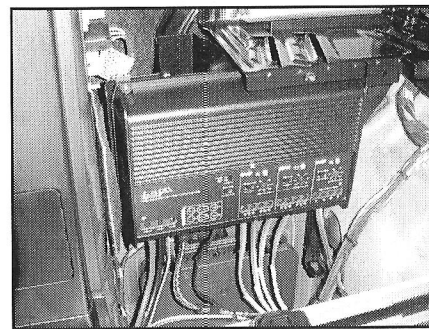

STEP 38
Using the wire colors indicated in **Step 37** as a guide, connect the door wires from the factory amplifier plug to the Input A of the CL-SSI. Connect the sub wires to the Input B of the CL-SSI. Using the Speaker to RCA adapters and RCA cables, connect the front outputs of the CL-SSI to the Inputs 1-2 of the XD700/5, and the rear outputs of the CL-SSI to Inputs 3-4 of the XD700/5.

Extend the opposite side of the factory wires with 16 AWG Speaker Cable as necessary, and connect the door wires to Outputs 1-2 on the XD700/5. Connect the sub wires to Outputs 3-4 on the XD700/5.
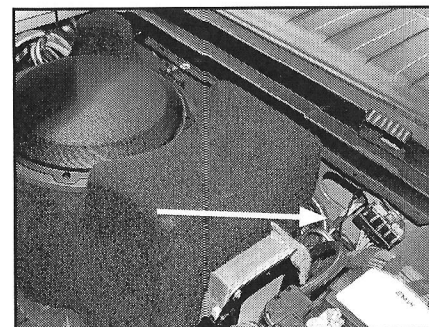
STEP 39
Extend the red ignition wire from the CL-SSI using the supplied Remote Turn-on Wire, route it to the passenger side of the cargo area, and connect it to the factory ignition wire on the back of the accessory outlet. It's recommended to fuse the wire within a few inches of the connection.
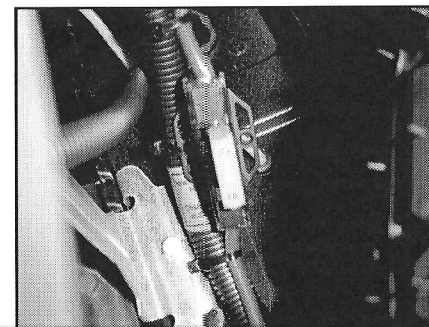
Connect the yellow 12 volt power wire, the black ground wire, and the blue remote turn-on wire of the CL-SSI to the XD700/5 along with the main Red Power Wire and Black Ground Wire as indicated on the amplifier.
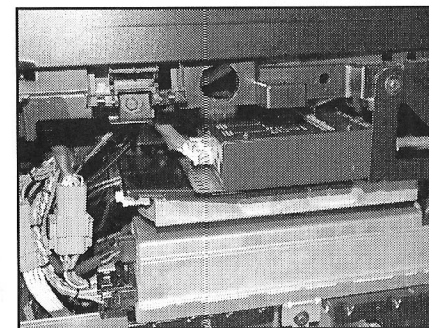

STEP 40
Connect the 12 AWG Speaker Cable from the Stealthbox® to output 5 on the XD700/5. Mount the amp to the Amplifier Bracket using four #8 x 1" Phillips Head Screws. Plug in the cable for the HD-RLC and route it to the desired level control location. Follow the steps included with the HD-RLC for mounting instructions.
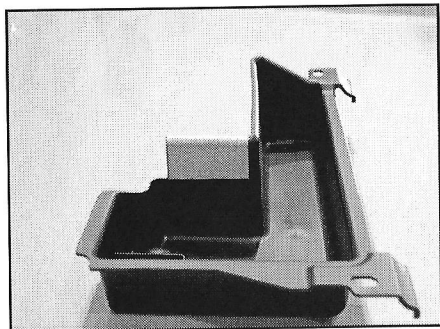

STEP 41
Route the Ground Wire to the factory ground location indicated, and secure it using the factory bolt.
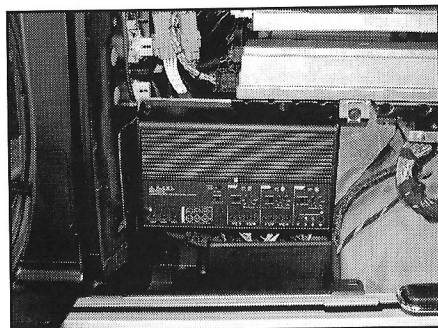

STEP 42
Route the Power Wire toward the battery. Connect the Fuse Holder within 12" of the battery, and secure the the Power Wire to the positive battery post. Install the Fuse into the Fuse Holder.
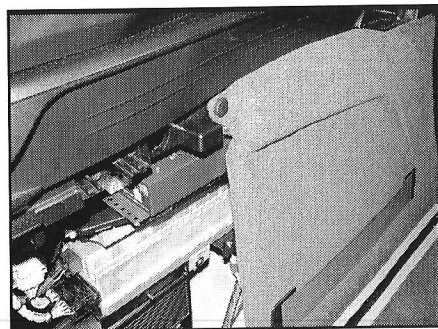

STEP 43
Secure the CL-SSI with Velcro as shown. Be sure to leave it accessible for adjusting the trim levels

STEP 44

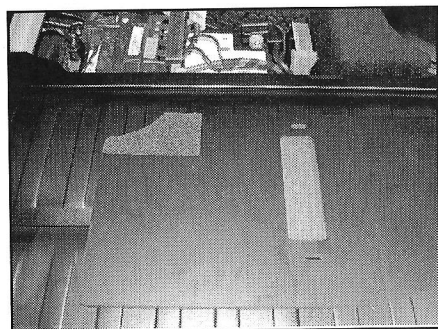Cut away the portion of the storage pocket indicated by the tape.
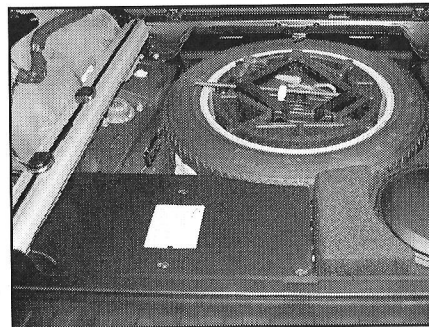
STEP 45

Reinstall the storage pocket.

STEP 46

Adjust the trim levels on the CL-SSI as outlined in its owner's manual. Set the amplifier crossover controls as shown in the illustration at the end of this manual, and set the input sensitivites on the amplifier as outlined in its owner's manual.
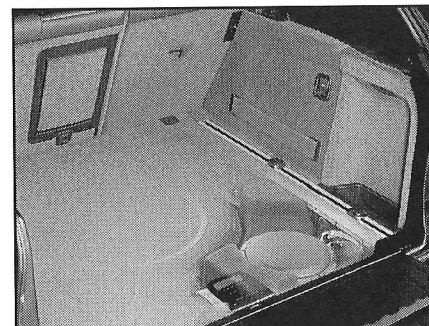
Reinstall the side panel.

STEP 47

Cut the Foam Tape into three 4" strips, affix them to the new Battery Cover, and trim away the excess as shown.
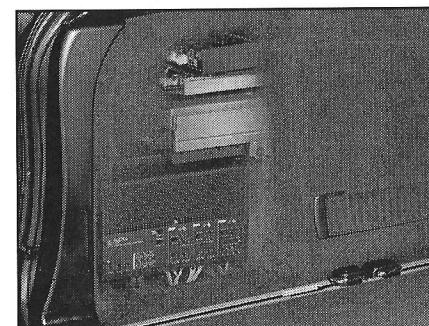
STEP 48

Secure the Battery Cover using the three #8 x 1" Sheet Metal Screws. Reinstall the floor panel.

CONGRATULATIONS!

You have completed the installation for this model!

Enjoy your new StealthMod®!

INCLUDED HARDWARE

(1) 1/4 - 20 x 1/2" Bolt
(4) 1/4 - 20 x 1" Bolt
(4) 1/4" Flat Washer
(4) 1/4" Lock Washer
(2) 1/4 - 20 U-Nut
(1) Battery Cover
(3) #8 x 1" Sheet Metal Screw
(1) Top Bracket
(1) Side Bracket
(1) Foam Tape
(1) Amp Bracket
(3) 5mm Hex Nut
(1) Left Crossover Bracket
(1) Right Crossover Bracket

(4) #8 x 1" Phillips Head Screw
(3) #8 x 3/4" Phillips Head Screw
(9) Speed Clip
(1) Velcro
(1) XD700/5
(1) C5-075ct
(2) C5-525-XO
(1) CL-SSI
(1) XD-MFB-MAXI
(1) XD-MAXI-60
(2) XD-CLRAIC2-3
(2) XD-CLRAIC2-SW
(1) 6' Red Power Wire
(1) 6' Black Ground Wire

(1) 12' Blue Remote Wire
(1) 6' 12 AWG Speaker Wire
(1) 12.5' 16 AWG Speaker Wire

SPECIFICATIONS

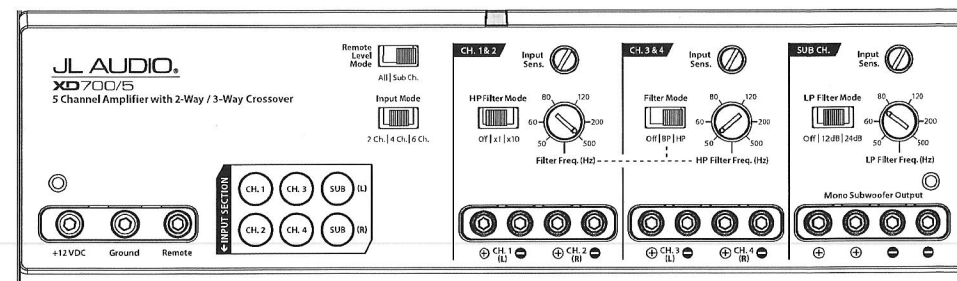**Enclosure Type:** Acoustic Suspension (sealed)
Driver Type: 10W3v3-2
Nominal Impedance: 2 ohm
Continuous Power Handling: 500 watts

POWER RECOMMENDATION

The diagram below shows the recommended crossover settings for the XD700/5.

The XD700/5 is a very versitile amplifier. Consult the owner's manual for even more detailed information about installing and tuning the amplifier.

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