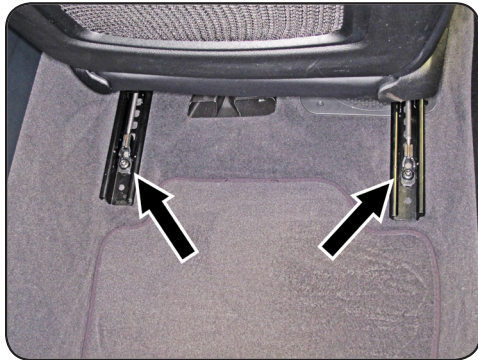


1. REMOVE UNDER-SEAT WOOFER (STEP 1)

Slide the passenger-side front seat all the way back. Use a Torx T-50 to remove the two bolts holding the front of the seat brackets.



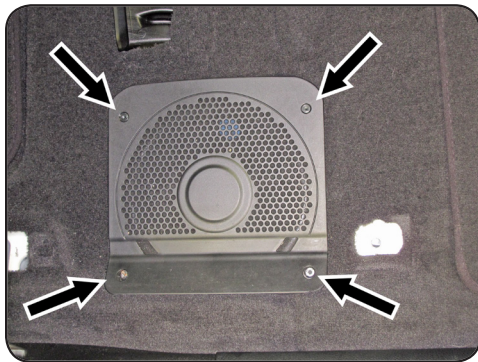
2. REMOVE UNDER-SEAT WOOFER (STEP 2)

Now slide the seat all the way forward. Remove the two bolts holding the rear of the seat.



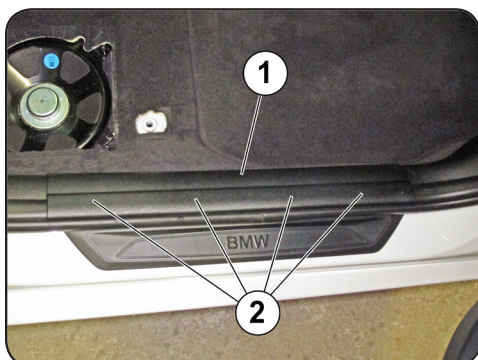
3. REMOVE UNDER-SEAT WOOFER (STEP 3)

Release the seat-back to the full forward position. You can now lean the seat all the way back and it will stay in that position, giving you access to the underseat area. You may have to move the seat a little forward or backward to get it to stay. You do not need to disconnect the airbag connector (we advise against it), but just be aware that it is there and take care with it.



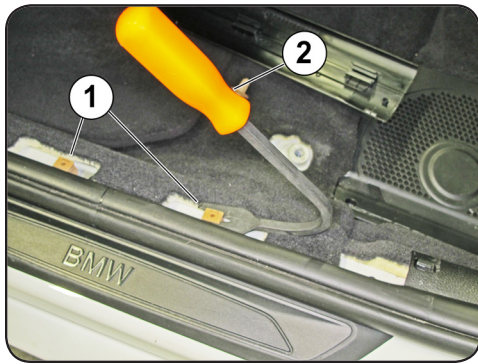
4. REMOVE UNDER-SEAT WOOFER (STEP 4)

Remove the four Torx T-20 screws holding the USW cover and remove the cover.



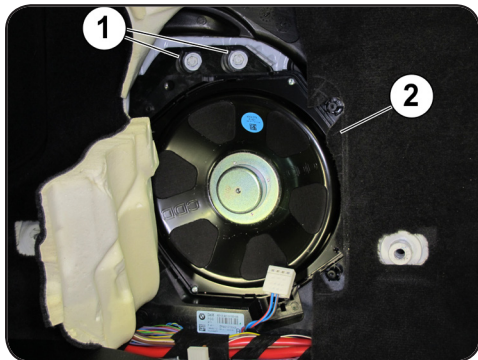
5. REMOVE UNDER-SEAT WOOFER (STEP 5)

Remove the Door Sill cover trim (1) by firmly pulling up to release the four clips located underneath (2).



6. REMOVE UNDER-SEAT WOOFER (STEP 6)

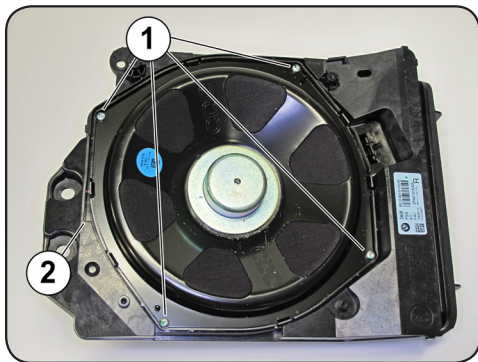
Some or all of the plastic clips (1) may still be stuck to the vehicle, remove them and put them back on the Door Sill cover trim. A panel removal pry tool (2) works well.



7. REMOVE UNDER-SEAT WOOFER (STEP 7)

Pull up the carpet to access the USW enclosure. Use a 10mm socket to remove the two nuts (1). Detach the wire bundle clip attached to the top corner of the USW enclosure (2).

Remove the enclosure by lifting up the inner edge first, then lifting up and towards the middle of the vehicle. Unplug the wiring/connector by depressing the locking tab in the connector. Remove the USW enclosure from the vehicle.



8. REMOVE UNDER-SEAT WOOFER (STEP 8)

Place the USW enclosure on a workbench or other solid work surface. Remove the four Torx T-10 screws (1). Starting at the strongest point (2) carefully pry the woofer from the enclosure.

REPEAT THE PREVIOUS 8 STEPS FOR THE DRIVER SIDE



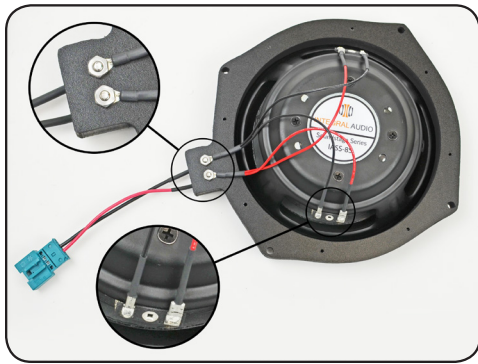
9. MOUNT IASS-8S TO ADAPTER PLATE

Locate the two *IASS-8S Shallow Woofers* and the *Underseat Woofer Hardware Kit [F30.USW.HW-KIT]*. Mount each woofer to one of the *USW Mounting Adapters* using eight of the *#10 x 3/4" Black Screws*.



10. HARDWARE SELECTION

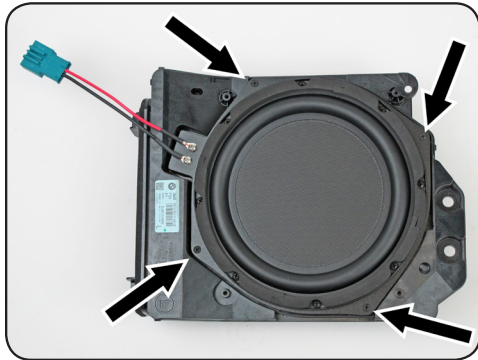
Locate the *Underseat Woofer Hardware Kit [F30.USW.HW.KIT]*. Select the two sets of *USW Wiring Pigtails [F30.WH.USW]*, the four *#8-32 x 1" Machine Screws*, the four *#8 Nuts*, and the eight *#8 Flat Washers*.



11. IASS-8S WIRING

Use the #8-32 x 1" *Machine Screws* to connect the inner and outer wiring pigtails. The washers should be underneath the ring terminals on both sides (washers should be touching the mounting adapter ring). Connect the positive and negative wires to the speaker terminals as shown.

NOTE: The default wiring has both voice coils in parallel for a single 2-ohm load. For details on dual 4-ohm or single 8-ohm wiring contact us.



12. INSTALL THE IASS-8S WOOFERS IN THE USW ENCLOSURE

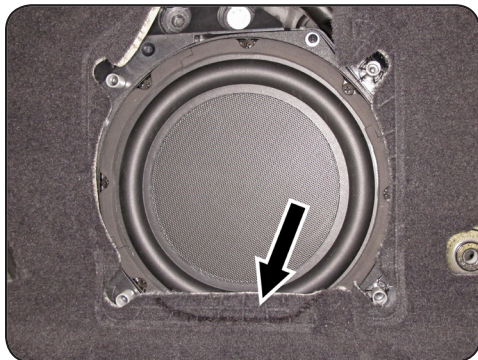
Use the four #6 x 1.25" *Pan Head Screws* to mount the woofer to the enclosure (these are the longer, thinner screws with a rounded head - don't confuse them with the cover screws which are a little thicker and shorter and have a flat head).



13. RE-INSTALL THE USW ENCLOSURE

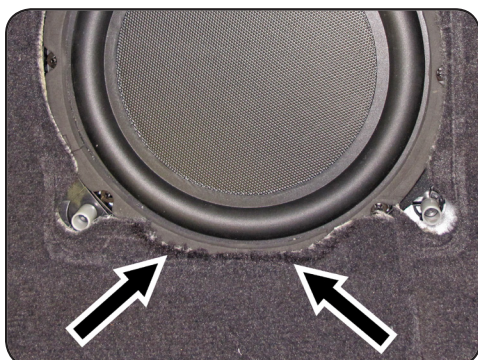
Re-install the enclosure in the vehicle. It may take a little wiggling to get the open end (the side towards the door sill) to slide into its slot. Make sure all wiring is run clear. Replace the two nuts removed previously and tighten with a 10mm socket.

Connect the USW plug to the factory connector. Replace the carpet.



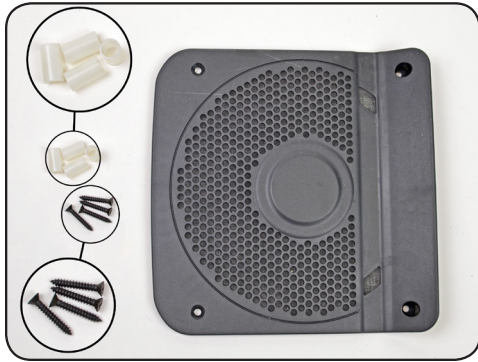
14. TRIM CARPET EDGE (STEP 1)

The edge of the carpet nearest the door will overlap the new Underseat Woofer and must be trimmed clear. Identify the overlapping area shown at right and proceed to the next step.



15. TRIM CARPET EDGE (STEP 2)

Use heavy scissors or shears to trim the carpet so that it no longer covers the speaker, as shown. Be careful not to trim beyond the edge of the impression of the grille, which will be easy to see imprinted on the carpet.



16. HARDWARE SELECTION

Select the remaining items from the *Underseat Woofer Hardware Kit*: the eight *Nylon Spacers* and the eight *#8 x 1" Flat Head Screws*.

Make sure you are selecting the spacers from the correct kit - the *Midrange-Tweeter Crossover Kit* has similar spacers, but they are a different size!



17. INSTALL THE USW COVER GRILLE (STEP 1)

Place the spacers over the screw bosses as shown.

(enclosure shown removed for clarity)



18. INSTALL THE USW COVER GRILLE (STEP 2)

The raised "feet" on the cover grille fit over the spacers and should lock into place. Attach the cover with the four *#8 x 1" flat head screws*. Put the seat back in place, but do not re-bolt it yet!

(enclosure shown removed for clarity)

REPEAT THE PREVIOUS 8 STEPS FOR THE OTHER SIDE