

## **Retrofit rear speakers – aftermarket how to:**

### **Not for the faint of heart**

Please read and refer to Vic Vipers how to on front speaker h/k retrofit for details on door panel removal before proceeding with this project.

As Vic noted in his post the rear speakers are riveted in the rear door panel in such a way as to only be accessible from inside the door panel. This requires extensive disassembly and reassembly to replace the rear stock speakers with H/K MB parts.

I did retrofit the front speakers using Vic's guide but used after market Infinity Kappa's that another member has mentioned. During this retrofit I discovered the assembly rings in the Infinity kit fit perfectly inside the stock MB speaker mounts. These speakers can be purchase on line at any audio store for about \$130 a pair.

The Kappa's sounded so good that I had to complete the retrofit my installing them in the rear.

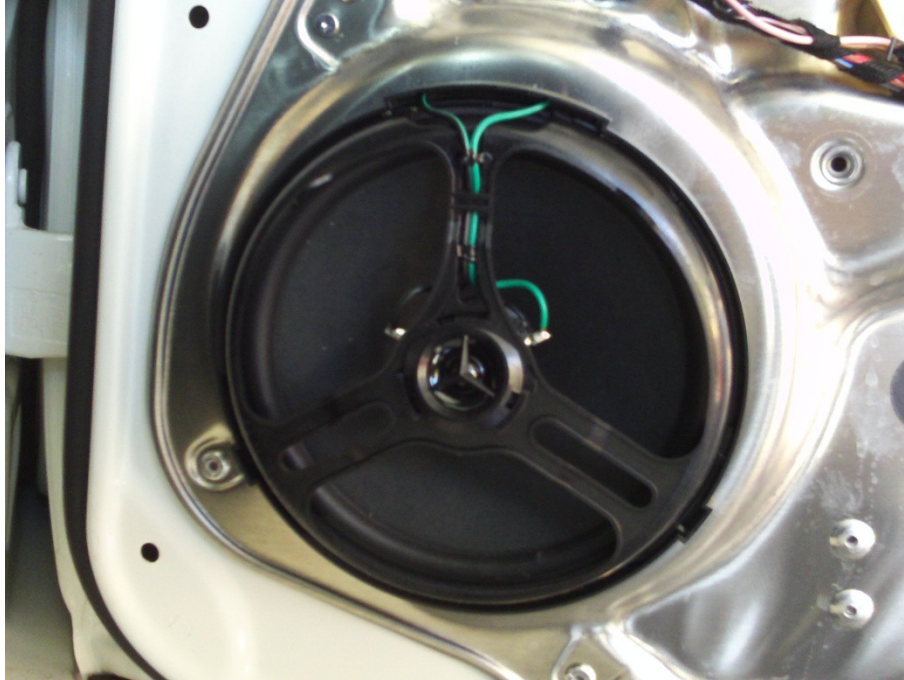
Since I had some experience with the front retrofit and the tools necessary I took the risk of doing the rears.

The tools needed are a Dremel type tool with an abrasive disk wheel. You can buy this at any local Home Depot and do not forget to pick up a pack of extra disks since you will break a few during this retrofit. This particular unit is very light weight and cordless.



The rear door panels are easier than the front to remove ...again please see Vic Viper's post on front h/k retrofit. Vic has done a great job on many of the how to posts.

As you can see the door speaker rivets are from the internal side of the door panel and cannot be easily drilled out like the front speaker mounts.



Continuing further you are committed to complete the retrofit since the balance is destructive to existing speaker.

Using the Dremel tools first cut through the outer ring of the tweeter mount. This is very easy to do with the abrasive grinding disk. Cut the tweeter speaker wires.

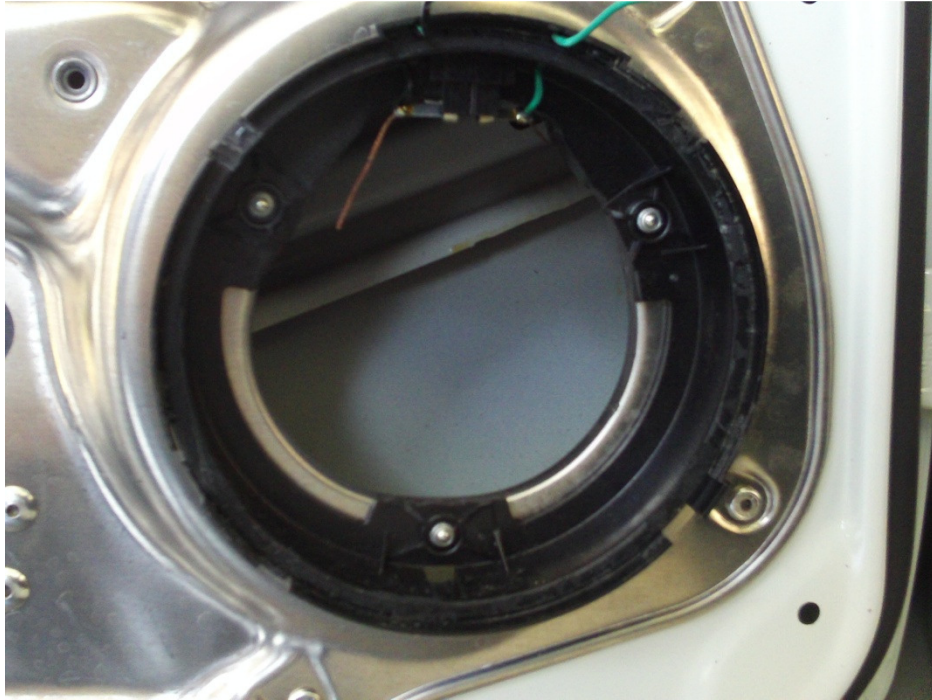
Then using a razor, box cutter, or exacto knife cut through the paper speaker cone around the large diameter near the edge of the speaker mount. It is easier to cut the paper than the rubber cushion.

Then cut through the speaker cone around the inner voice coil. Remove speaker cone to reveal the inner 3 support legs that attach the voice coil to the outer speaker housing.



Using the Dremel took cut through and remove the inner 3 leg supports as close to the inner aluminum door panel as possible. This is not difficult to do the grinding wheel cuts like a hot knife through butter.

Cut the voice coil wires and remove the voice coil. Using a flat head screw driver remove any residual speaker cone rubber or glue from the inner lip of the speaker housing.



Using a soldering iron ( hopefully you have one ) remove the existing voice coil leads and tweeter leads and install 2 new 6" leads for the new speaker connections. Continued in Part 2....

