

Upgrading the front tweeters

First, remove the tweeters from the dashboard. It may be easier to remove the side panels of the dashboard and get under the tweeters to push them out rather than hacking away at the top of the dashboard. The side panels are covered up as you close the doors, you can get your fingers behind them and unscrew a little bolt at the bottom of the panel, then flick the rotating tab that holds them in - and they should come out after giving them a shove downwards. Do it once and you'll get the technique required.

With the tweeter including housing and grill removed you should have this:



Remove the standard tweeter by twisting it anticlockwise off.

From here you have to remove the grill by carefully lifting the tabs around the side with a screwdriver. Take your time and don't bend them out too much.

Remove the grill, and the black cloth underneath it (and save these for later). You should be left with this:



You can see in this picture that the cross support that sits in front of the stock tweeter has been broken. You should be able to break and remove this with your hands.

After this step - it now depends on the size of tweeter you want to install as to how much work you need to do. The following pictures show a 0.75" MB Quart tweeter being installed, although it is possible to install a one inch tweeter in the space provided - this is a lot harder and we wouldn't recommend going for the 1" if you have the choice (it's a lot harder to get right!).

Use a set of files and the following drill attachment to shape the housing:



In order for the 0.75" tweeter to fit, you have to modify the plastic housing by enlarging it mostly at the bottom edge. Work slowly, offering up the tweeter mounting (the tweeter doesn't have to be in its mounting - the mounting should come with the tweeter kit so you can perform an install like this - check pictures later on to see the MB Quart tweeter mounting) to the hole to see where you need to grind off the plastic. Use the drill to start removing a majority of the plastic, and use the files to make smaller adjustments to get the shape just right. Be careful if using the drill, use safety specs - the plastic is soft and will grind down easily - so work slowly and don't take too much off. The tweeter mounting should sit nicely in the hole when finished, and look something like this:

front:



back:



Not too much modification to do on the 0.75" tweeter then. The 1" tweeter needs a hole from nearly the edge of the housing to the air vent, and is very tricky to get it right.

From here, refit the grill without the cloth material.



Pin the grille down with the tabs and now it's time to get to work with the drill again. You definitely need to use the safety specs now, as small bits of metal will be flying around as you go through the grill. Make a hole through the centre of where the tweeter will sit, and work around this hole so the grill meets the edges of the plastic housing underneath (use the plastic hole underneath as a guide as to where you need to grind the grill). Alternatively, sharp scissors or a small wire cutter can be used.

After you are happy with the hole in the grill, and the tweeter mounting sits nice and snug in the hole - you can again remove the grill. Carefully attach the black cloth material to the grill (with 2 incisions where the tweeter will sit (criss cross), so you can take the wires through it and the tweeter won't be blocked by it) , and then re-attach the whole assembly. Pin the grill back down on its tabs, making sure you get it down flush with the plastic. You can now mount the tweeter in its mount, and use the supplied fittings to make the mounted tweeter fit tight to your custom grill/mount. The MB Quart kit is easy to use and comes with all the fixings you could imagine.

Here's how the back should look before using the tweeter mount fixing to secure the assembly together:



The front:



Repeat for the other side:



The front soundstage sounds bright (due to reflecting off the screen), whilst retaining good imaging. This is a good compromise between ease of installation, retaining a pro look and decent sound.