

Changing Cabin Filter on a 2009 Mercedes-Benz E350 (w211)

- The filter is located under the hood on the passenger side. With the hood up looking at the engine compartment it is on the far left side. Note there is no filter under the glove box.

- Remove the plastic cover to gain access to the filter box. There are 3 little plastic hand release knobs, turn each $\frac{1}{4}$ turn.



- Using a 10mm socket remove the nut holding the front bracket. You will use this bracket to tilt the filter box up and out.

- Pay close attention to the steps after this, the box doesn't just lift out, it takes a little effort but if you do it right it is simple and fast.

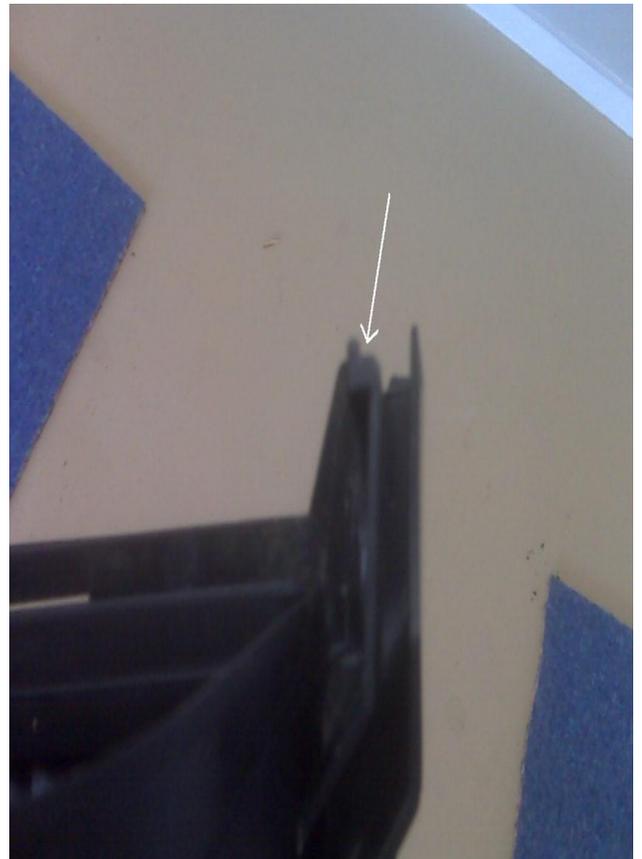


- On the back left and right side of the box there are little plastic angle holders that are part of the housing that brings air into the passenger cabin. You must free these to lift the box out. The one on the right is easy to see and loosen, the one of the left you'll have to just feel around for it.

- Start on the right side using a flat head screw driver gently twist the filter box free of the angle holder (see arrow below). Do this while pulling up gently on the front bracket, you feel it release if you do it right.

- Next repeat on the left side. You'll have to just slip the screw driver in by touch and twist gently. As above pull up gently at the same time and the filter box will pop right out, it's that simple.

Note – these pictures were taking once the filter box was out so that the above instructions could be given.



- You may want to skip the next pictures, but please read the instructions at the bottom so that you reinstall the filter box correctly, it has to seat just right.

- The following pictures are of the filter box, the filter (pretty clean one), and one of replacing the filter in the box:









Clearly a pretty heavy duty filter. Almost seems like a carbon paper mix.

- Replacing the filter box can be tricky. The photo below shows 3 areas of little pointed holders that the filter box hinges on when you reinstall it. These little pointed holders are part of the housing that brings air into the passenger cabin.

- The filter box must be tilted in carefully and seated firmly back into the pointed holders, if this is not done the filter box will not hinge back in properly and will not be seated correctly. If you have done this right the two openings will line up and the plastic angle holders will click back into place. You know you have done it right if the filter box once again does not want to lift out without releasing the plastic angle holders.



- Here is a top view of the filter box seated correctly back into the pointer holders.
- Well that is it! You have replaced your filter and all that is left is to replace nut holding the front bracket down and reinstall the plastic cover.

