

General Guidelines for fitting replacement dials into a Passat (Part no. C1337)

Before starting, compare these dials with the ones in your vehicle to make sure they match

Firstly, with the engine cold but ticking over, make a drawing or take a photo of the dials showing the position of each of the needles (this drawing will enable you to replace the needles back to their original position).

Then do the same with the engine switched off to note the natural stop/rest position of the needles.

To fit the new dials you need to gain complete access to your original dial faces. To do this you need to remove the instrument cluster pod from the dashboard. You will need to disconnect any electrical connections from the back of the instrument pod and take it to a clean work bench.

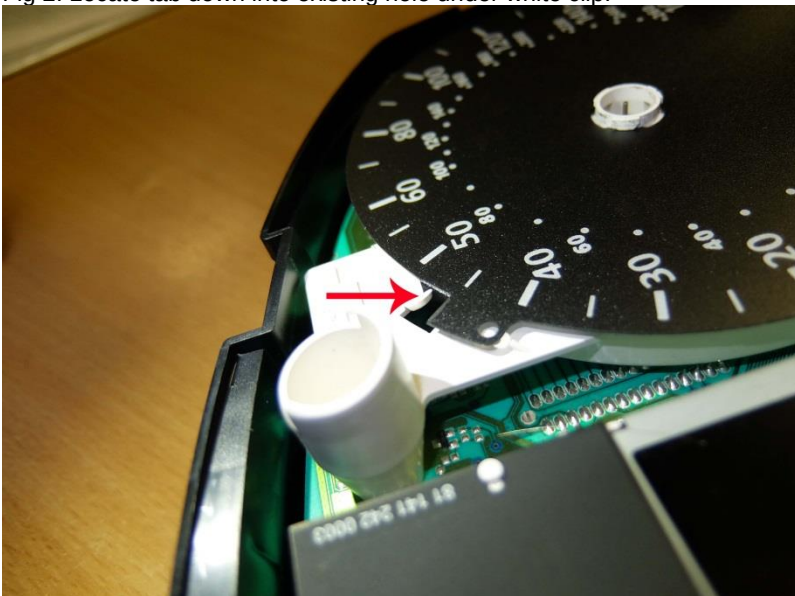
Now remove the front lens from the pod by carefully releasing the plastic clips around the sides (sometimes there may be screws in the back which need to be removed). The dial faces are now completely exposed.

As your dials are back lit (illuminated from behind) they need to be removed. If you gently move the speedo and rev counter needles in a clockwise direction you will find it moves easily, now move it back in an anti-clockwise direction and you will feel a resistance as it comes to a natural stop. Grip the centre hub of the needle between your finger and thumb and twist it anti-clockwise whilst pulling upwards. Keep twisting and pulling until the needle comes off its spindle (even if it rotates several revolutions). **DO NOT PULL THE NEEDLE TO ONE SIDE.** With the needles removed, you can now lift off the existing dials.

Fig 1: Bend down tab as shown.



Fig 2: Locate tab down into existing hole under white clip.



Replace the needles ensuring the stop position is correct with your drawing/photo.

Before replacing the clear lens on the pod we recommend reconnecting the electrical connections and taking the vehicle on a short run to be sure that the needles are in the correct positions. If the stop point is wrong when the engine is idling, then make a note of how far out it is, turn off the ignition and gently push the needle the required distance against the resistance and try it again.

Once you are satisfied that everything is OK, then disconnect the electrical connections and put the pod back together and replace it in the dashboard being sure to connect the electrics.

The Fitted Dials.



		These dials will be a perfect fit in the majority of vehicles referred to on the label, but sometimes, minor variations occur between models during manufacture at the car plant. If this has been the case with your car, it may be necessary for you to make very slight adjustments to the new dials, using a pair of scissors or a craft knife. If more than minor adjustments are necessary, please contact us immediately. Lockwood International make replacement dials for hundreds of different models and it would be impossible to give detailed instructions for every one. The above suggestions from Lockwood customers who have fitted our dials, coupled with a little common sense should be sufficient. But no responsibility will be accepted by the vendor for any damage caused whilst fitting these dials.
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