

## Guidelines for fitting Lockwood dials into a Mercedes Viano

(Part No. C457 )

Choose a clean, well-illuminated work area. Use a shallow dish (we recommend a cereal bowl) to hold all the small pieces that have to be replaced. You will need the usual hand tools and a black permanent marker.

In order to fit the new dials you need to gain complete access to your original dial faces. This will require you to remove the instrument cluster entirely from your dashboard.

Next you need to unclip and remove the transparent front and black fascia mask.

Make a drawing of the dials in the pod showing the exact position of each of the needles.

***Throughout the whole of the following procedure, it is important to keep any strain on the needles to a minimum.***

As your dials are illuminated from behind, they all need to be removed; this can be achieved in the following manner:-

1. Unclip the led (digital) screen by gently lifting the top end and releasing the clips at the bottom edge (fig. 1&2). Take care not to snag the ribbon cable that attaches the connections.
2. Now remove the large speedo needle by simply pulling it from it's spindle (fig.3&4)
3. gently move the other needles on the rev' counter (tacho) and fuel gauge so they are pointing to the 12 o'clock position (fig.5) and lift the bottom edge of the dial face up and slide it over the needles (fig.6) making sure you do not put any strain on the needles.
4. Temporarily position the replacement speedo face in the pod and mark the position of the edge on the white plastic (fig.7).
5. Remove the dial face and blacken the white plastic above and slightly below the mark all around the edge of the speedo recess (fig.8&9) including the bottom edge and corners. (fig.10)
6. Now expose the adhesive on the back of the dial face by removing the protective backing (fig.11).
7. Position the speedo back in place and press down the adhesive area. Then replace the needle (fig.12).
8. With the rev' counter (tacho) and fuel gauge needles pointing to the 12 o'clock position gently feed the outer dial section down them and into position (fig.13). Be sure the dial is clipped under the protusions near the needle centres (fig.14).
9. Replace the led (digital) screen ensuring the bottom edge is clipped correctly to the instrument pod.

Check that all the new dials are perfectly positioned.

Wipe off any finger-marks from the dials and from inside the pod. And reassemble.



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.



