

General Guidelines for fitting replacement dials into an Imported Ducato

(Part no. C021)

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

You will need the usual hand tools.

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 needle 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.
The centre 'hub cap' of the needles are simply clipped onto the needle pointer and can be taken off leaving the rest of the needle in place. With your finger nails, lever apart the opening where the needle pointer comes out of the hub. This is a bit fiddly but don't give up, it is just clipped on.

You then need to remove the original dial face. With the needle 'hub caps' removed point all the needles to 12 o'clock and feed the dial face up the length of the needles.
You will need to push quite hard on the reset buttons to allow the dial to clear these but if the cluster is in a warm environment, the plastic will be more flexible to do it without them snapping.
Replace the new dial in the same way, put 'hub caps' back on the needles and ensure the stop position is correct with your drawing/photo.
If the stop point is wrong when the engine is off, then make a note of how far out it is and gently push the needle the required distance anti-clockwise against the resistance until the correct position is reached (even if this requires almost a full revolution of the needle).

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.
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.

		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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