

Fitting Guidelines for Dial part numbers C206 & C453 & C657 **(Fiat Punto / Doblo / Panda)**

***Before starting, compare the km/h scale on the existing dial with the km/h scale on the new dial
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. You will be able to refer to this drawing at the end to check that the needles are back to their original position.

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 workbench.

Make another drawing or 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).

Now remove the front lens housing 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.

To ensure that you fix the MPH dial in the correct position; make a faint mark on the plastic rim with a pencil adjacent to the 80 kmh calibration as shown in **Fig 1**.

Removing the needle pointers:

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 near the zero.

Grip the centre hub of the needle between your finger and thumb and twist it clockwise whilst pulling upwards. Keep twisting and pulling until the needle comes off its spindle (even if it rotates several revolutions).

For the fuel and temperature needles warm up the plastic centre with a hair dryer to ease the plastic. Then gently but firmly twist & pull them off.

PULL THE NEEDLES VERTICALLY, DO NOT PULL AT AN ANGLE

With the needles removed, you can now lift off the dial fascia panel from the cluster.

With a sharp craft knife cut through the speedometer dial face all the way round close to the raised plastic rim. **See Fig 2**. When you have cut out the dial face, check that no remaining pieces of it are protruding, if so trim them away with the knife.

Stick the dial in position using solvent free glue **See Fig 3**. Apply tiny blobs of the glue around the perimeter of the dial as shown in **Fig 4**. Then fit the dial into the back of the plastic fascia **See Fig 5**. Line up the 50 MPH line with the pencil mark that you made earlier (80 kmh = 50 Mph). Wait until the glue has set.

Replace the dial fascia panel back onto the cluster.

Replace the needles ensuring the stop position is correct with your 2nd 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. Also check the positions of the needles against your 1st drawing / photo (when the engine is idling). If adjustment is required, 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 lens & whole cluster back together and replace it in the dashboard being sure to connect the electrics.



Fig 1:



Fig 2:



Fig 3:



Fig 4:



Fig 5: