

General Guidelines for Fitting Replacement Dials

For Electronic instrument clusters with dials that ***do not*** have needle rest pegs (these are small pegs / pins that the needle pointer comes to rest on, *on some dials*)

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

Firstly, with the engine cold but ticking over, take a photo or make a note 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).

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.

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.

Dials that are back lit (illuminated from behind) they need to be removed.

If you gently move the needle/s 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. Mark this stop position with a pencil on the dial.

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). If it resists, use a hair dryer to direct moderate heat to the plastic centre hub, for a minute or two to ease the plastic, then try removal again.

Take care that the fuel and temperature needles do not have a small plastic stop behind them that could be snapped off. To remove these needles, warm up the plastic centre with a hair dryer to ease the plastic. Then gently but firmly pull them off.

DO NOT PULL THE NEEDLE TO ONE SIDE.

With the needle/s removed, you can now lift or peel off the existing dials.

Place the replacement dial face in position.

Replace the needle/s ensuring the stop position is correct with your pencil mark. To do this, carefully ease the needle pointer back onto its spindle in any position then turn it anti clockwise until it is back to its original stop position.

Before refitting the lens, reconnect the electrical connections, turn the ignition on and compare the position of the needle/s with your initial photo. Then take the vehicle on a road test to check that the instruments are working correctly. 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 connection/s, refit the lens, reconnect the electrics and refit the cluster back into the dashboard.

Note: Do Not use Superglue or any solvent based adhesive in or around an instrument cluster.