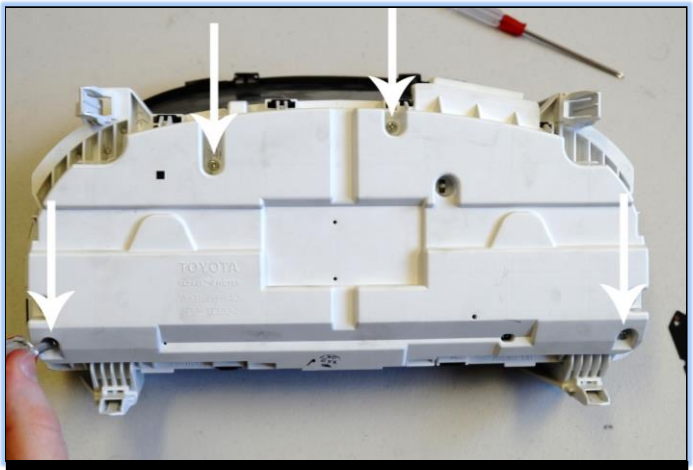
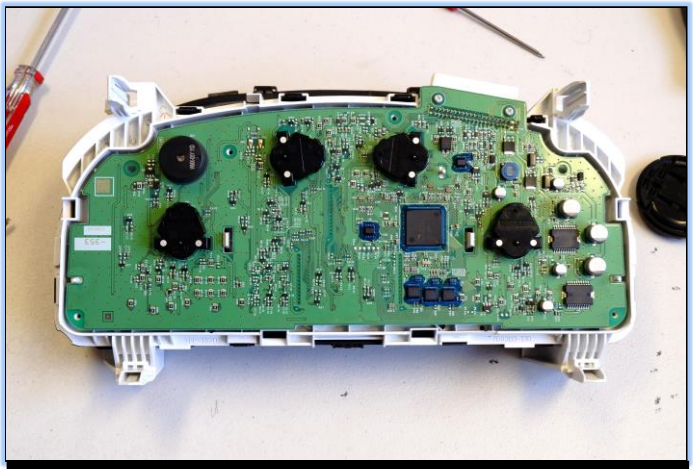
C1833, C1893, C1921 & C2013 Toyota Alphard & Vellfire Fitting Instructions

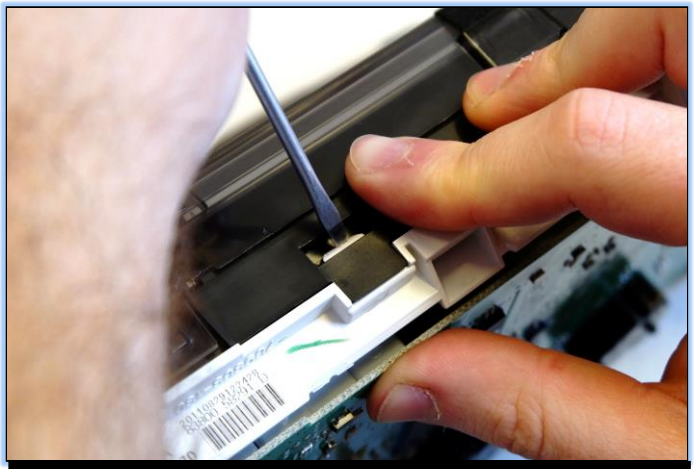


1: Remove the 4 screws holding the white back-plate in place.

2: Once the screws are removed there are a few clips around the cluster; you can release these by pushing them down.

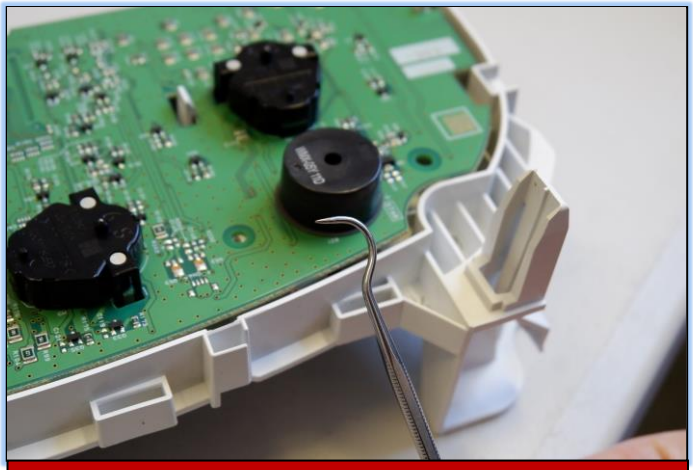


3: The rear of the cluster once the back-plate is removed. This allows you to remove the front of the instrument cluster.



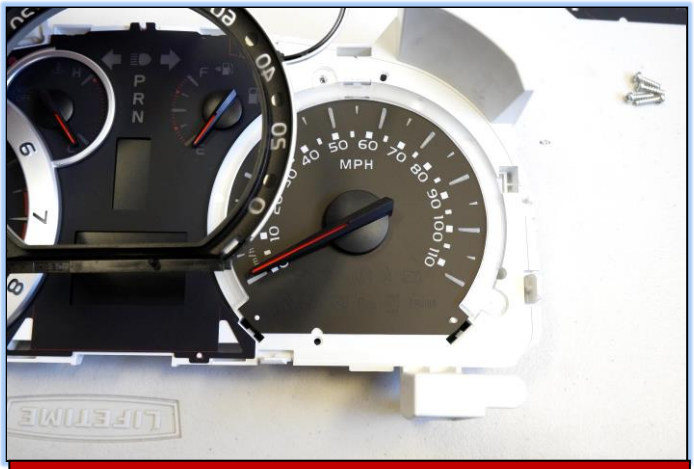
4: Turn your attention to the black shroud and lens that cover the front. You need to remove this by releasing all the clips holding it.

5a: With the front removed you can see the silver rings that need removing. They are held in place by 3 clips (arrowed) and you need to access them from behind.



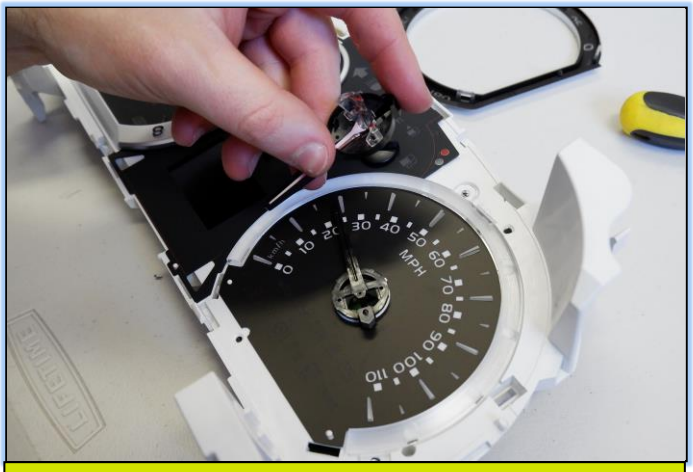
5b: To be able to access the clips you will have to use a curved probe like this.

5c: Using the curved probe go in-between the circuit board and cluster body; then gently push the clip inwards to release it. These clips and the silver ring itself are delicate so be careful.

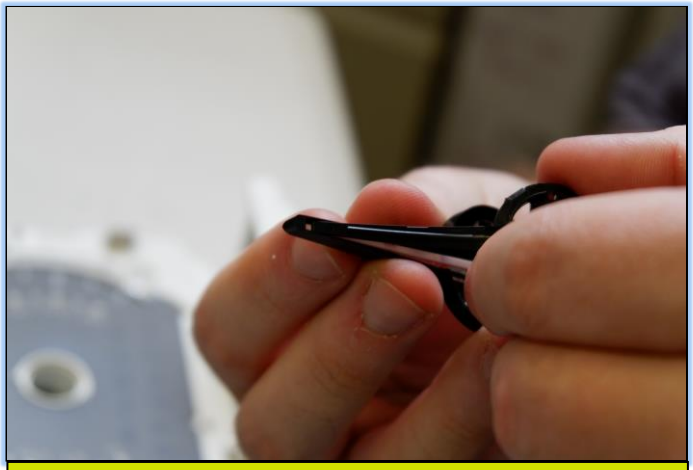


5d: Once all clips are released remove the silver ring. Do this for both sides.

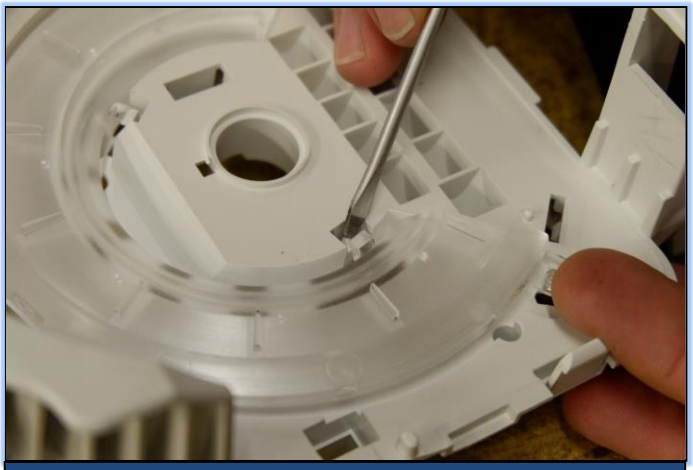
6a: Remove the speedo and rev counter needles. To do this, twist anti clockwise and gently pull upwards.



6b: While doing this the needle hub may separate from its base. This is ok and you should also remove the lower part as described in 6a.

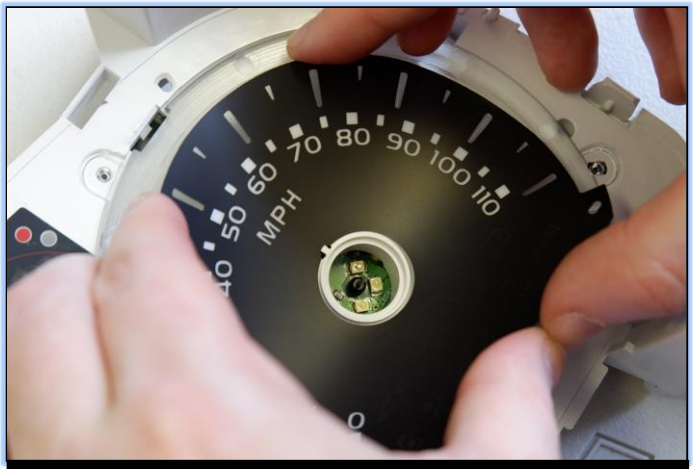


6c: Reassemble the needle. Hook the top in first and then clip the hub back on.

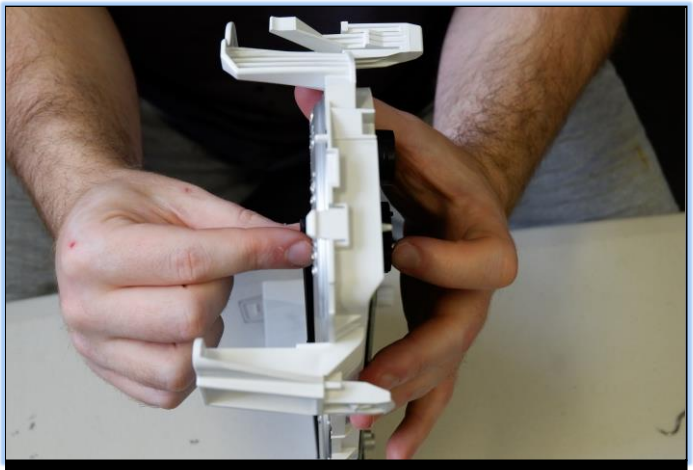


7a: **If your new dial has cut-outs for the clear plastic projections then ignore 7a & 7b**. If the new dial has no cut-outs the remove both the speedo and rev counter clear plastic centre plates.

7b: Using flat nail clippers cut off the small projections and then re-fit the plastic to the cluster. **Remember you MUST NOT do this if your new dial has cut-outs for these projections.**



8: Fit both new dials. If you have a small tab protruding from the centre hole (as shown here), then make sure the dial slots underneath it.



9: Now re-fit the needles. It helps at this point to hold the spindle motor at the back of the cluster while you push the needle on; otherwise the circuit board can push away. Then ease the needle back onto its spindle in any position, turn it anti-clockwise until it is back to its original stop position.

10a: Reassemble the cluster (shown without front lens). This is an Alphard dial WITHOUT cut-outs for the plastic projections

10b: This is a Vellfire dial WITH cut-outs for the plastic projections.