

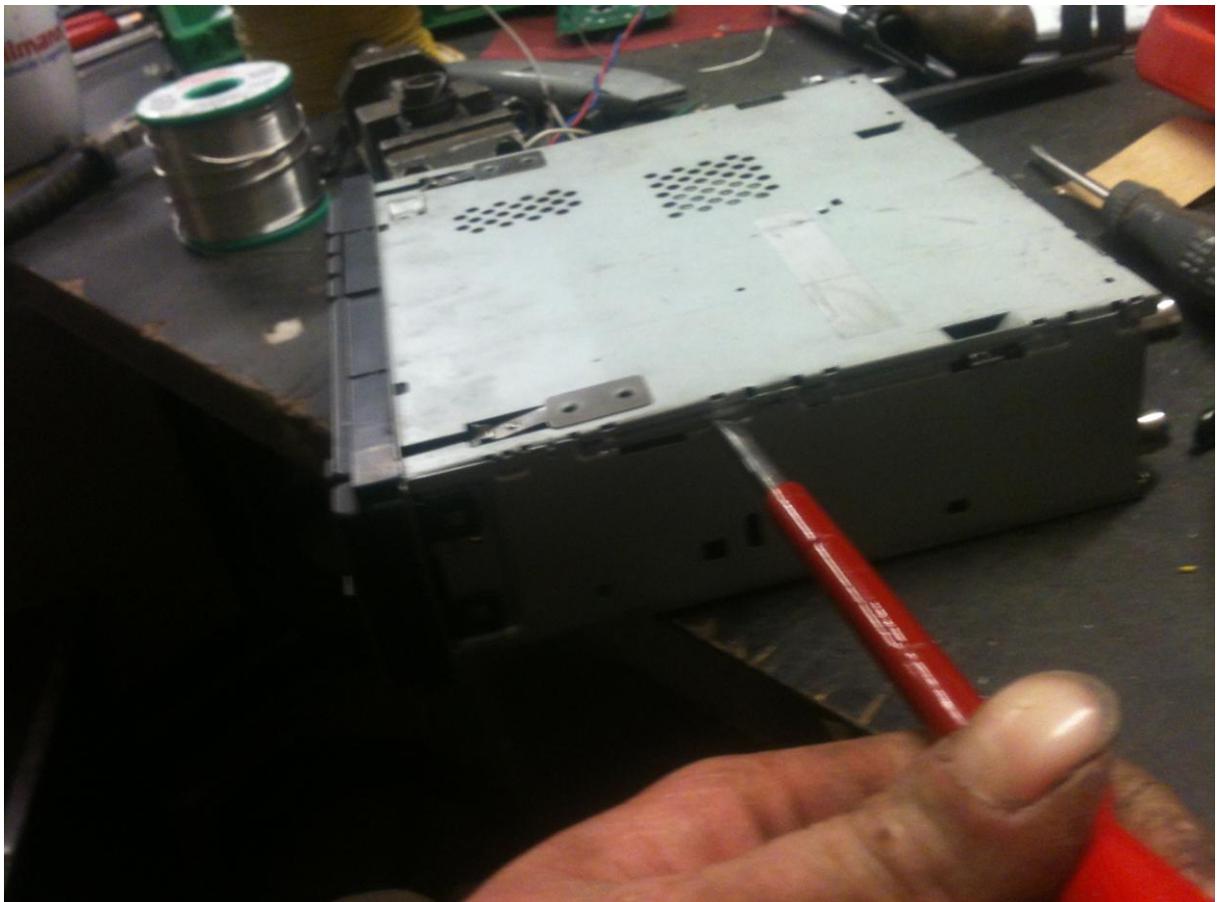
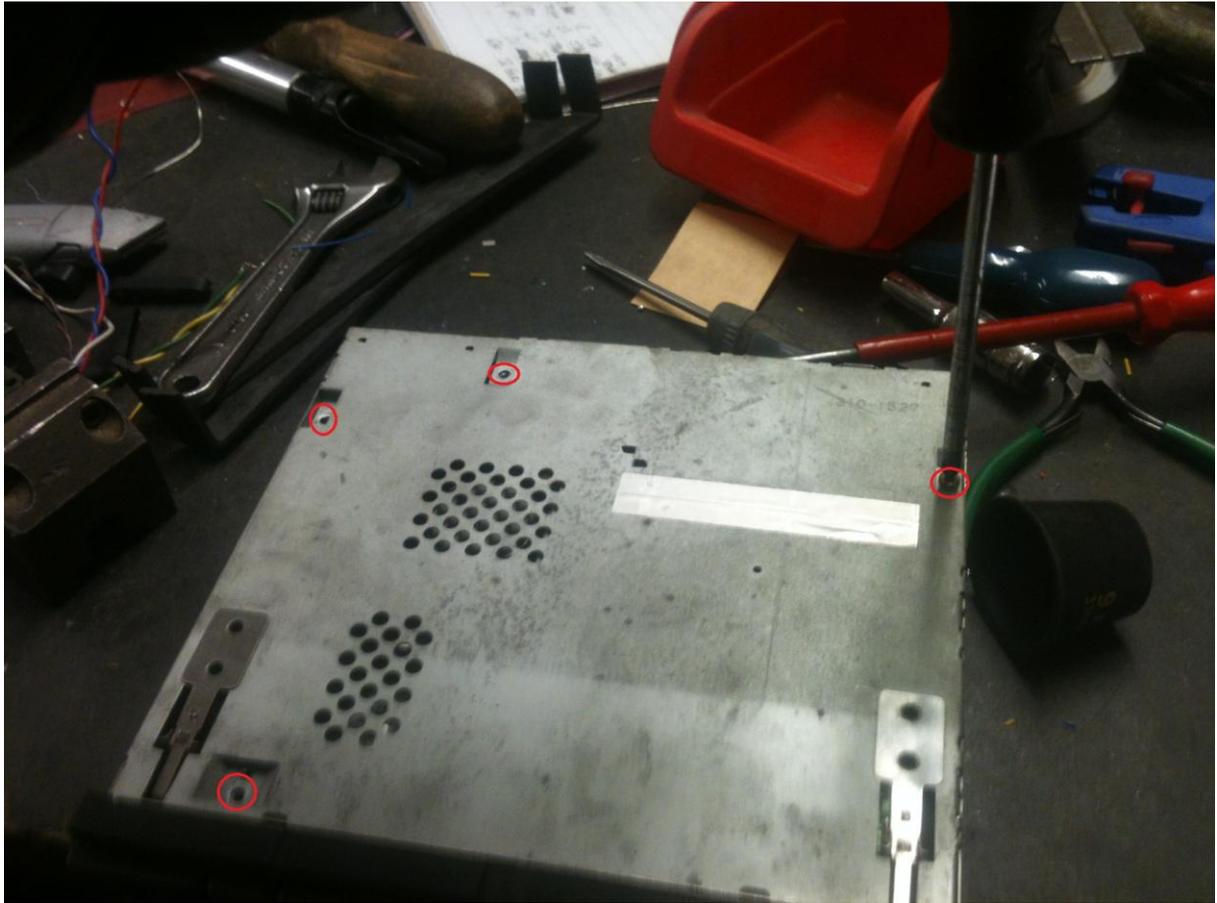
P38a Clarion PU9836A Common fault repair.

First of all i am not an electronics engineer, as such i take no responsibility for any damage done to you radio whilst folowing these instructions.

I believe the folowing to be the common fault with these head units, as i discovered after extensive googling.



1. With the radio on the bench, remove the 4 screws and gently pry the top cover off, starting at one side and working your way around. Pictured below.



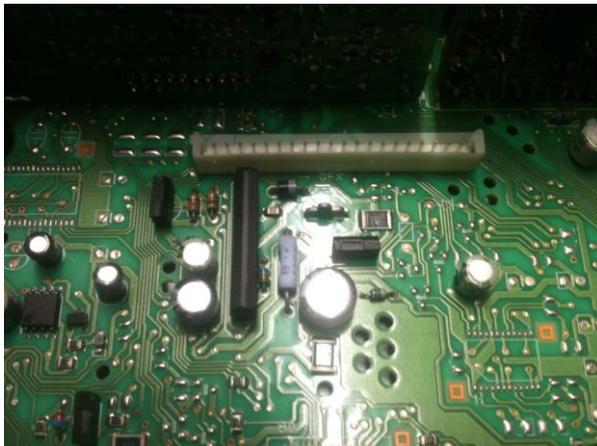
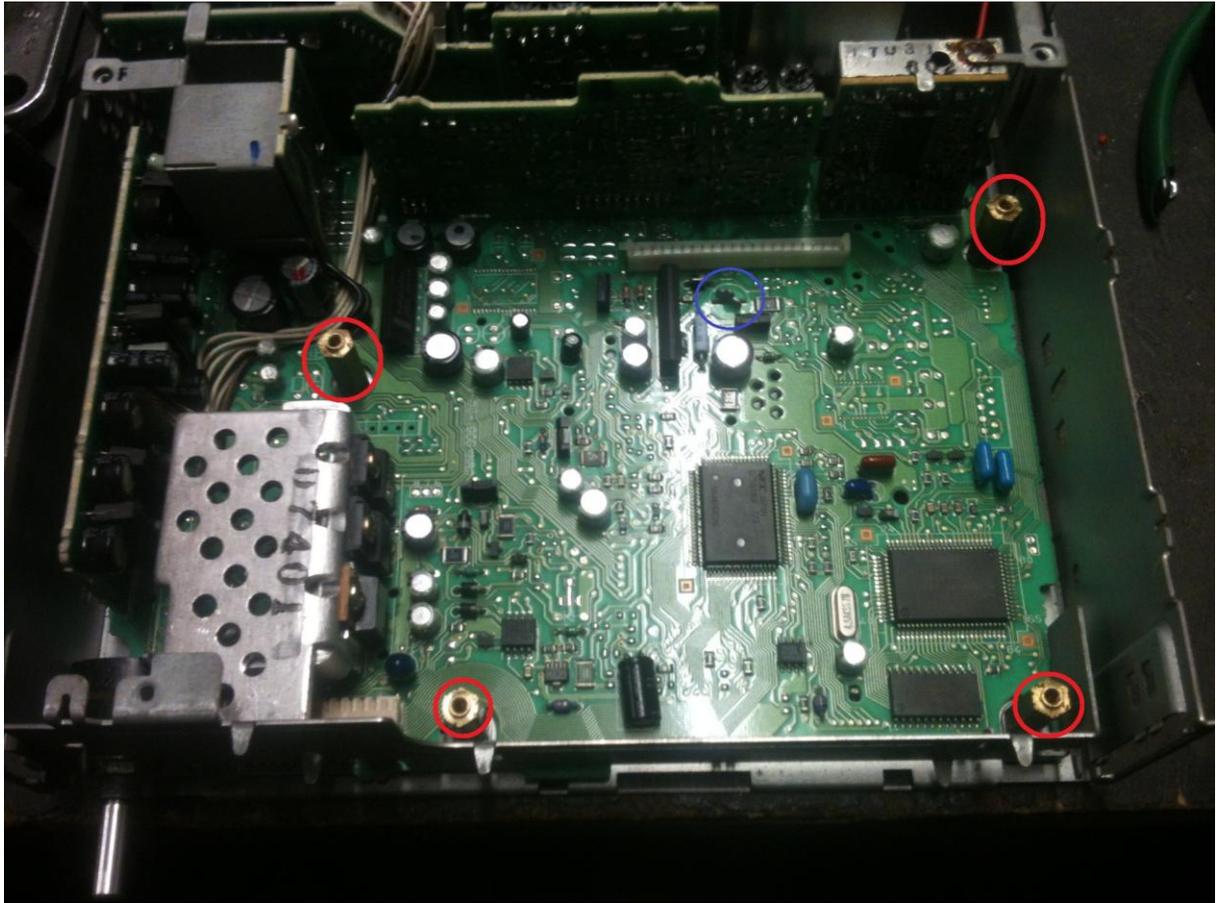
2. Next pull off the volume / power knob and remove the front of the radio. There are 2 clips on one side and 1 on the other, be gentle as they can be brittle. The front panel is on a multi plug so just pulls away.



3. Next remove the tape unit, this is 4 screws, circled. As with the front panel, it is also on a multi plug, located at the rear of the tape deck, may take a little wiggling as is can be tight.



4. Next remove the 4 extension bolts that the tape deck was secured to, these are 6mm. Then on the main board there is a twist tab, turn this to align it with the slot, and cautiously lift the board from the main housing. Be very careful as if you have not aligned the tab correctly you could break the board. (studs marked in red, tab in blue)

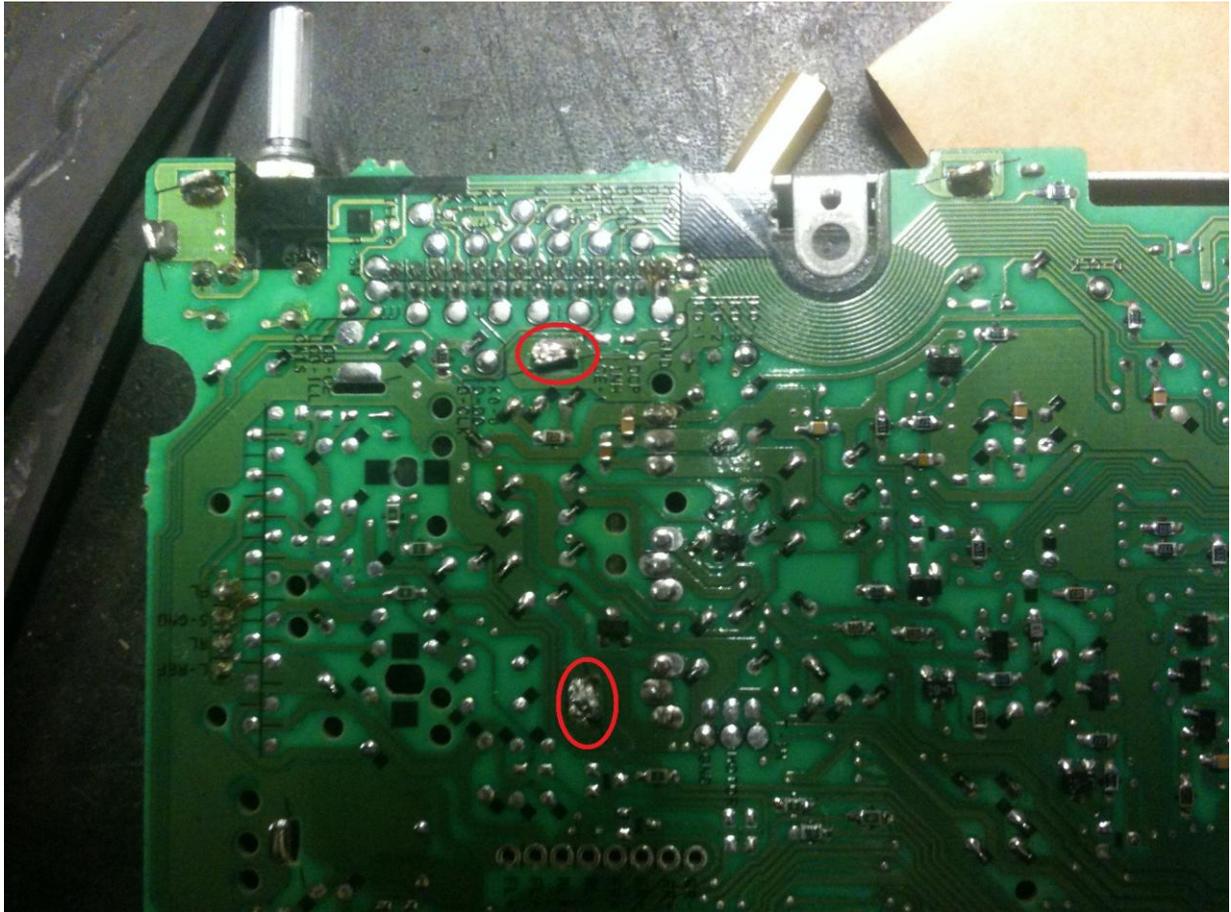


5. Next remove the aluminium heat sink, this has 3 screws that secure the regulators to it. And just lifts away. Below is a metal bracket that the heat sink screws go through to, its has twist tabs that are soldered to the board underneath, these will have to be desoldered and the part removed, again be careful as i believe this acts as a ground so dont damage the

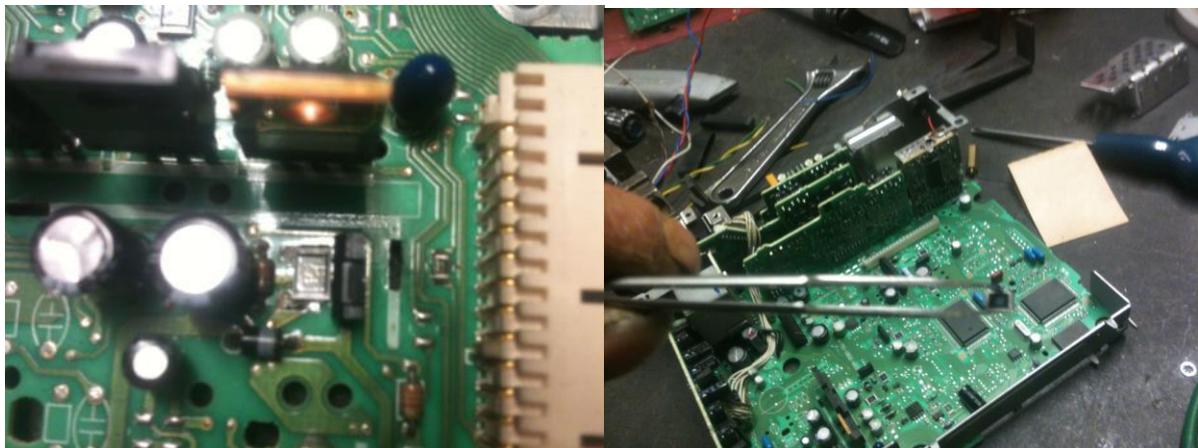
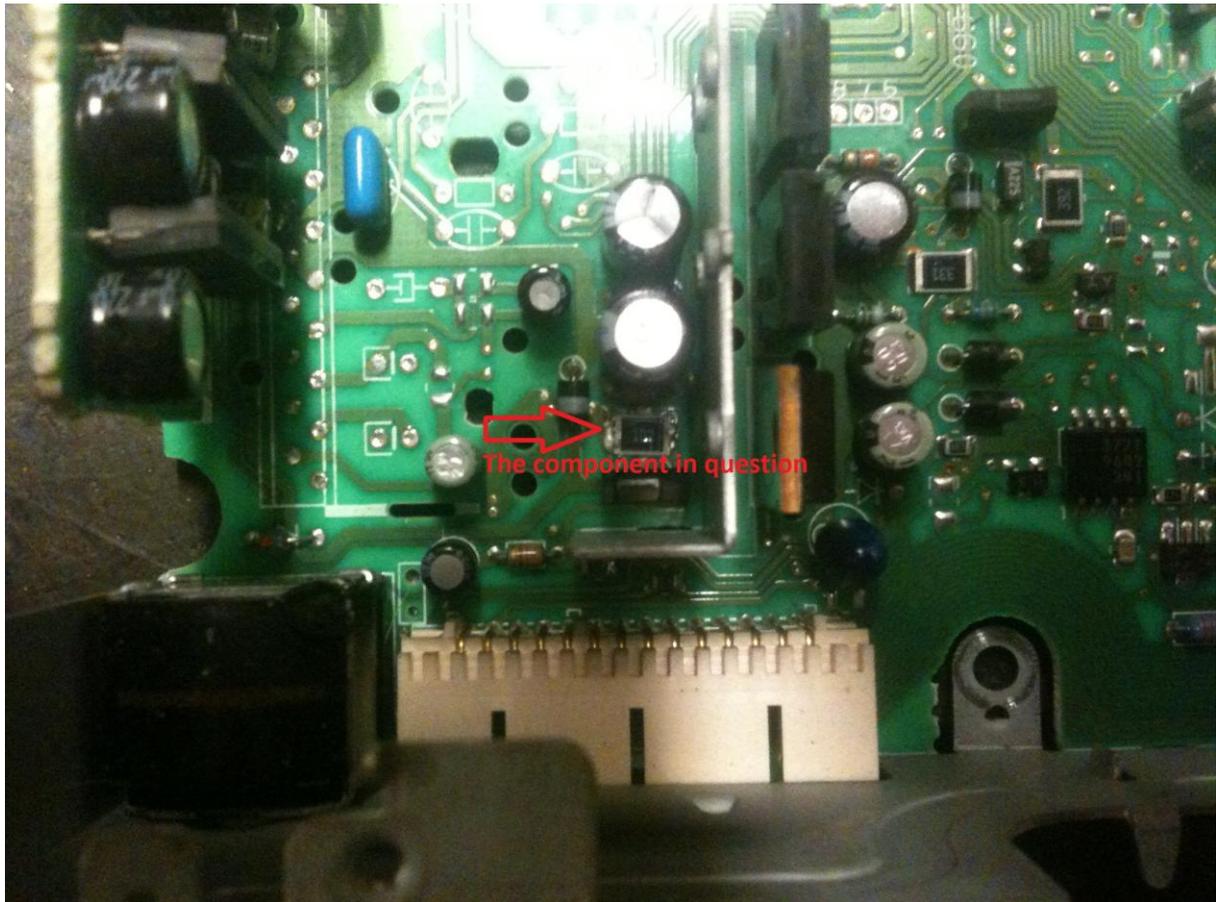


track





6. Now for the part that causes all the buzzing and no sound. Its a tiny resister. When i touched the souldering iron to the left side of it as you look at the front of the radio, it fell off. This is what you have to solder back on, and its very fiddly to do. Again dont put too much heat in. I used tweezers to get in back into place, then held it down with the tweezers. With a fine tip on the soldering iron I put a small blob of solder on the tip, then transfered the solder to one end, then the other. At the same time i went around and resoldered any connections that looked weak or poor.



And in the haynes style of writing refitting is the reverse of removal, make sure you resolder the twist tabs on the bottom where the plate goes through the board.

Hope this helps and sorry for the spelling.

Any questions please pm me, Dansoliver on landyzone.co.uk i will to ,my best to help.