

So today as it's a bit cooler in the "workshop" (Shed) (37 degrees) and a bit cooler in the garage about 30 degrees, I thought I would have a mad moment and fix my nearside headlamp range adjuster.

the best bit is you can get the nearside one off with a little BFI and not have to dismantle the entire headlamp unit, they just twist in and out on three plastic prongs that you will see in the pictures,

anyway you guys know me anything for a cheap fix, A new Porsche Unit 944 624 909 01 is £93.00. so time to go hunting

the Bosch Part number for this unit is of course unique to the 968, 0307 851 348, so I started searching and found a close relative 0307 851 346, now this is in all sorts of cars Audi, Ford, etc.

I found one on ebay Germany for an Audi 80, 9 euros plus 3 euros post

the two side by side, I really don't need to point out which is which



removal of the covers is quite simple but requires a little care as they are brittle and we need some of the parts, both covers removed



now at first look you will say they are vastly different, and yup they are but only in looks, the one on the left is the Porsche one, half the components dissolved by water missing off the board at the top of the picture.

They are a bit different on the other side too, but all these bits can be swapped over.



the first thing is to get the gears and push rod out of the replacement motor, you need to remove the two screws holding the board, then gently lever the board off, then the next task is to get the gears out.

as you can see in the picture above of the inside, you need to pop out the worm drive, then wind out the big round gear (LH thread), take the lock ring off the end and provide a little whack to knock out the shaft,



Now you need to do exactly the same to the old Porsche motor, but this time take the lock ring off then whack the shaft out leaving all the old bits in the motor case, then start to reassemble the replacement motor



A good helping of white silicone grease is a good thing to fill this up with, I kept it clean so I could do the photos



this is a close up of the old board,



and yes it works perfectly as far as I can tell in the daylight, I will update this if it does not work as expected

hope this helps someone