

## MGBGTV8 restoration project

### Instrument Renovation - March



The instrument are in a very bad state of repair and initially I thought that I would need to replace them however before I did that I decided to see if I could re build them myself.

I started with the speedometer having noted the mileage on the odometer I carefully dismantled it taking pictures as I went. It came apart more easily than I expected but could I get it back together?

After dismantling I sand blasted the case, degreased and sprayed the outside with galvanizing paint. The interior was originally painted off white with the section where it is illuminated a duck egg blue, this I replicated. The mechanism required a lot of careful cleaning before re assembly. The re assembly was very fiddly and although it did take around 4 hours to re assemble it was well worthwhile.

The mileage on the odometer was put back to the same miles as prior to dismantling.

I tested the speedo which works well as does the trip and main odometer As I will be using the original wheels the only problem with the calibration would be if the tyre profile was significantly different from the original profile. I found a very helpful article on line "Repairing Jaeger & Smiths Speedometers" by Anthony Rhodes

As this restoration went well next the rev-counter, possibly a bit easier for me as I am an electrical engineer and understand the theory --- I hope.

