

Here is a typical example of a mid 18th Century 30 Hour long case clock movement received for repair and restoration. The clock was made by Richard Marshall of Wolsingham near Durham in 1755. The clock is of typical northern style and has a lunette type calendar dial. It had been used as a furnishing piece for many years as the movement was not working. I found that the escape wheel had a nasty brass fracture and the escape pinion was very badly worn. This together with badly worn pallets made the clock very unreliable and so not used by the owner.

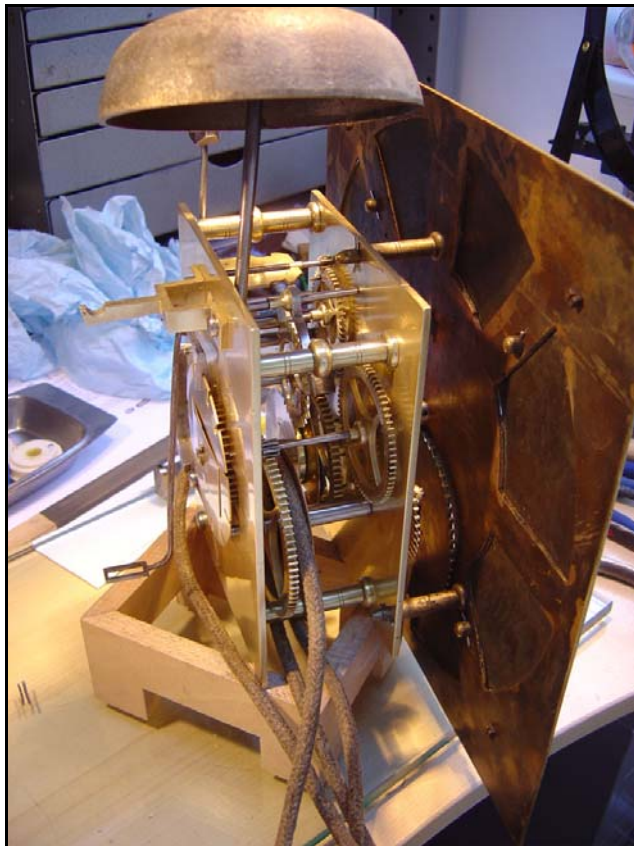
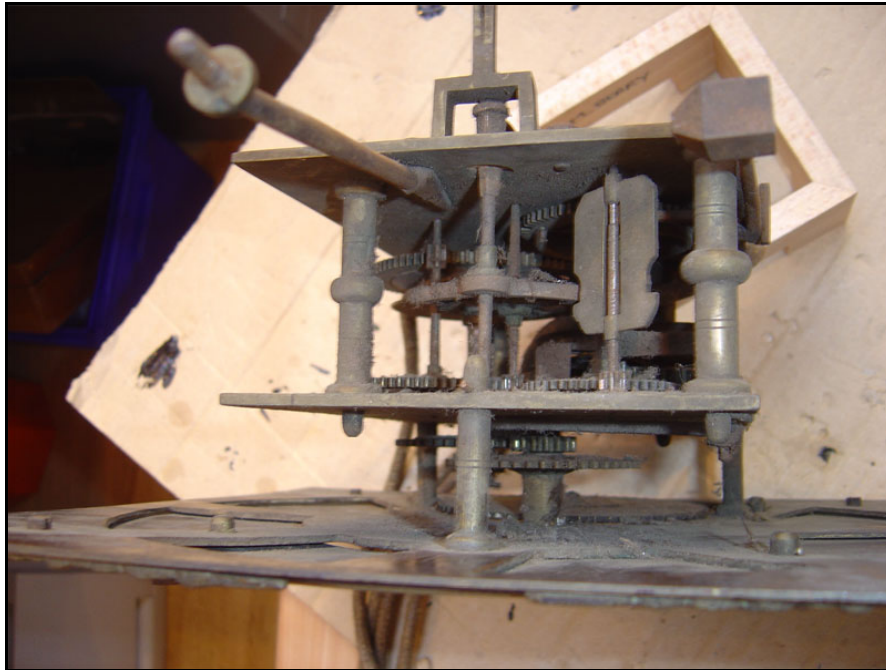
The dial was in a very poor condition with none of the original silvering surviving. The clock looked to be in a very dirty and sad state.

I cleaned and repaired the movement which needed a number of bushings, the original escape wheel was repaired and the badly worn pinion replaced. The pallets were re-faced and the escapement set up with even drops. The brass dial was completely refurbished with new black wax and silvering. The clock is now keeping excellent time and fulfilling its purpose 250 years later, the owner is very happy and pleased with the results of the restoration.

The clock as received for restoration.



Richard Marshall before starting work.



After repair



The dial after restoration