

This document is an unofficial supplement to the National Camera Pentax K1000 service-repair manual.

The photos are from a K1000 unless otherwise noted (Spotmatic), and supplement those figures from the manual, which were not very well rendered in the photocopying.

These photos were taken during disassembly, and show the sad state that this camera was in.

It is hoped that these photographs will help the user in understanding the repair and servicing and a straight forward CLA for the K1000.

The level of service performed was a 'minor' plus service. I did not explore the servicing of the curtains, timing, etc. since I have no shutter tester. Images for those topics are not contained in this document.

-- Ed Gabrielle 5/2021



Figure 1



Figure 2



Figure 3



Figure 4



Figure 5



Figure 6



Figure 7



Figure 8



Figure 9



Figure 10

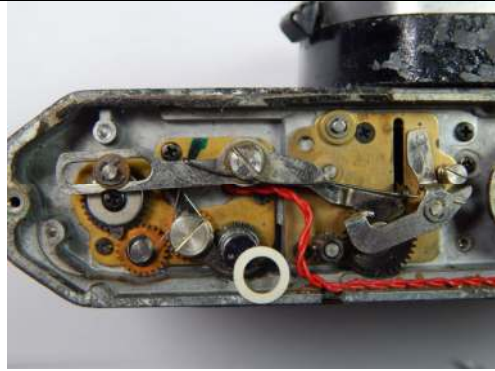


Figure 11 uncocked



Figure 12 cocked

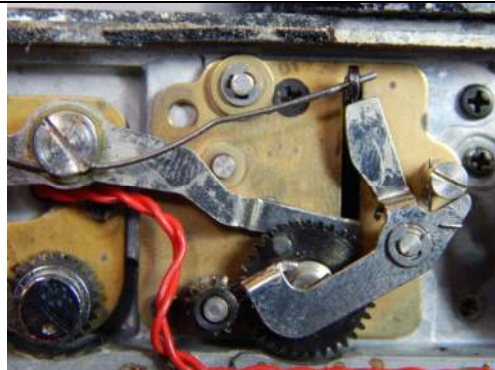


Figure 14-15



Figure 16



Figure 17



Figure 18

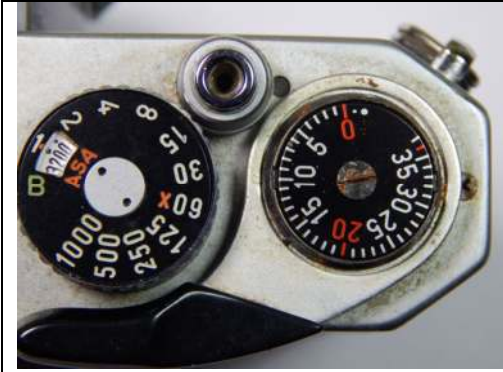


Figure 19



Figure 20



Figure 21

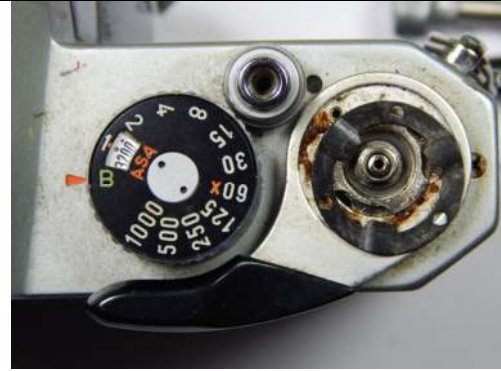


Figure 21a



Figure 22



Figure 23



Figure 24



Figure 25



Figure 26



Figure 27



Figure 28



Figure 29



Figure 29a



Figure 30

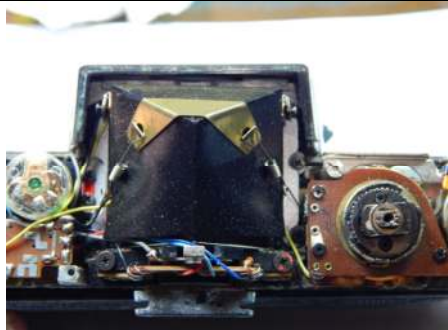


Figure 31



Figure 32

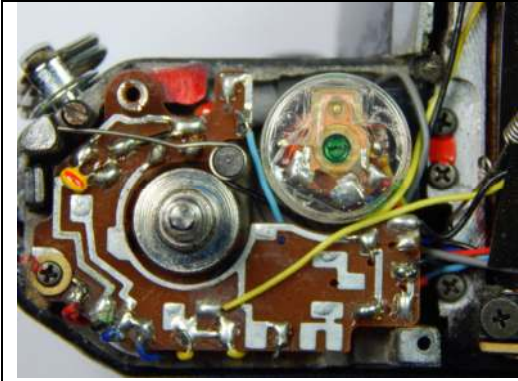


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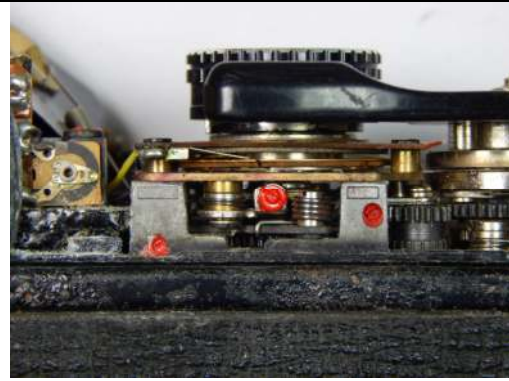


Figure 38

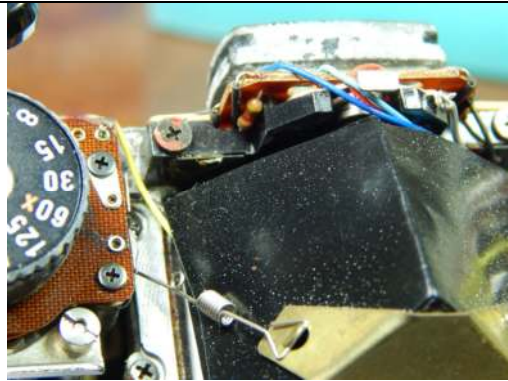


Figure 40

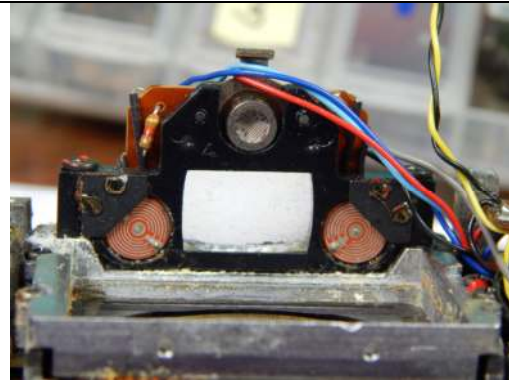


Figure 41

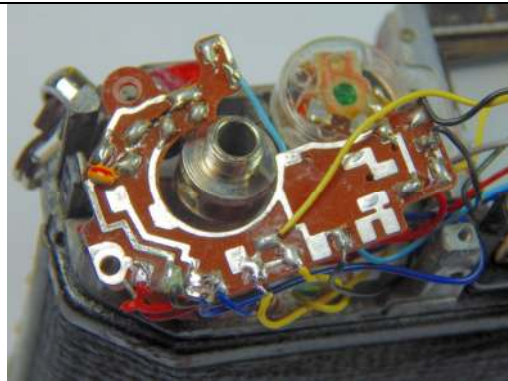


Figure 43

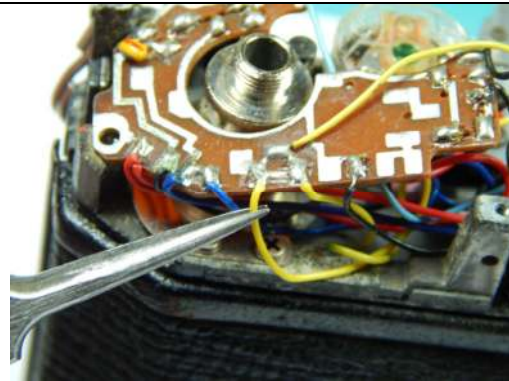


Figure 43a

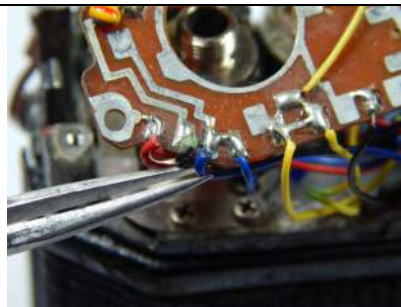


Figure 43b

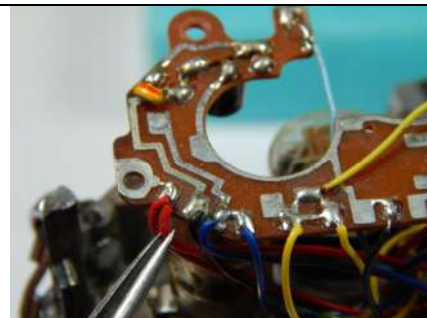


Figure 43c

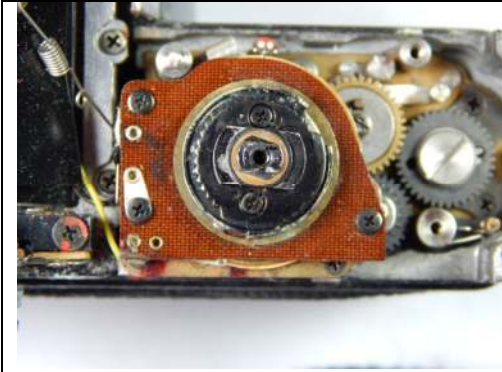


Figure 51

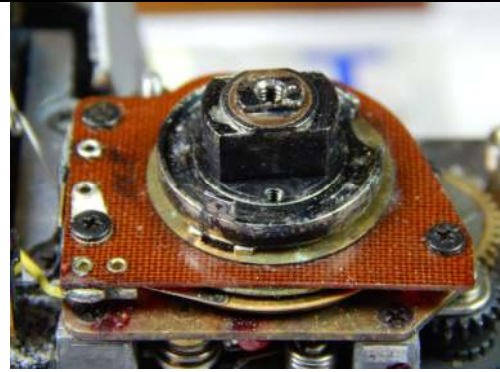


Figure 52

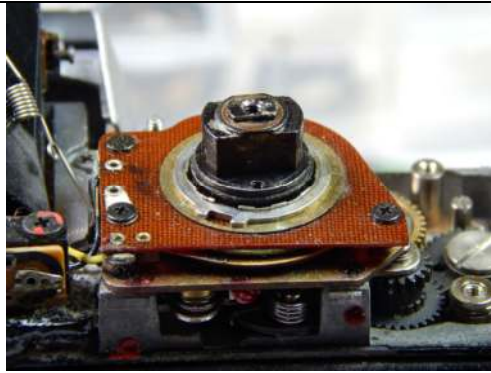


Figure 53

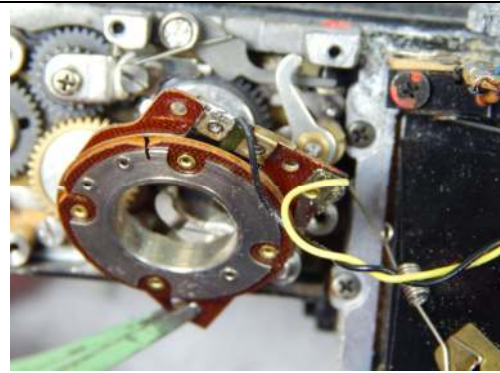


Figure 54



Figure 57



Figure 60

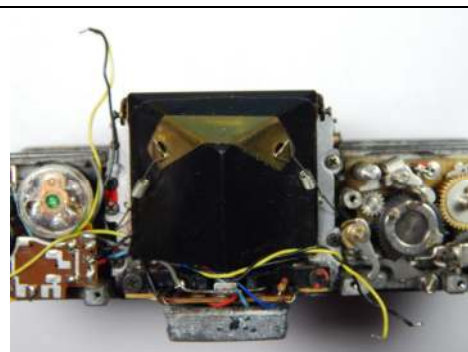


Figure 63

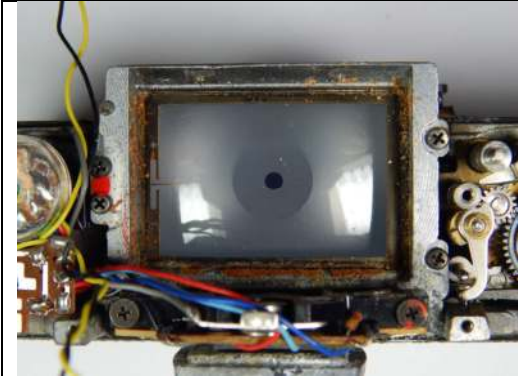


Figure 64

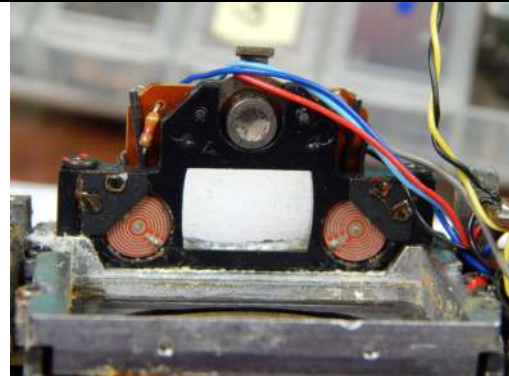


Figure 65

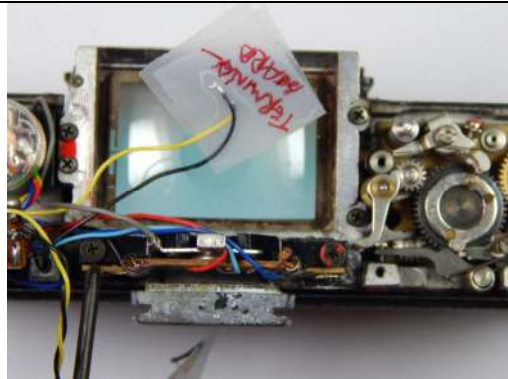


Figure 66

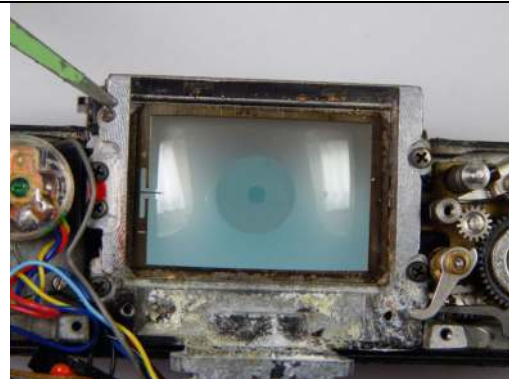


Figure 67a and 77

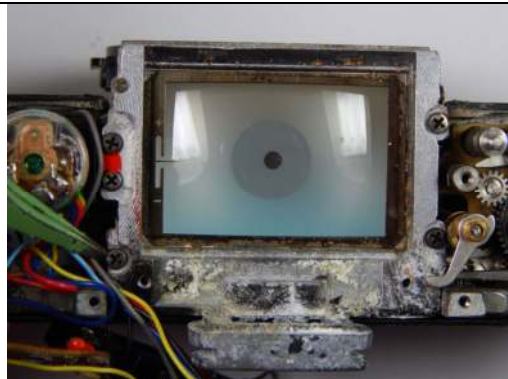


Figure 67b

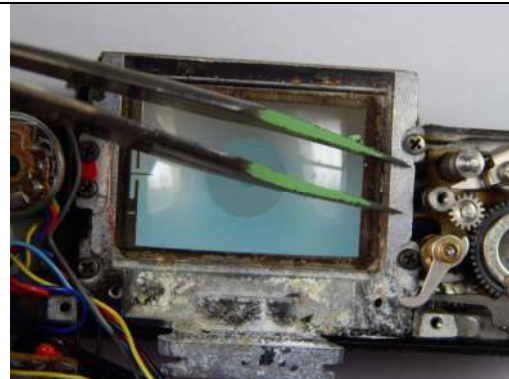


Figure 67c



Figure 68



Figure 69 J210 circled



Figure 75

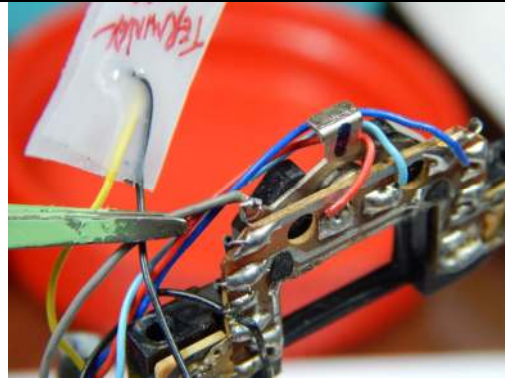


Figure 76 Gray wire from hot shoe



Figure 78



Figure 78

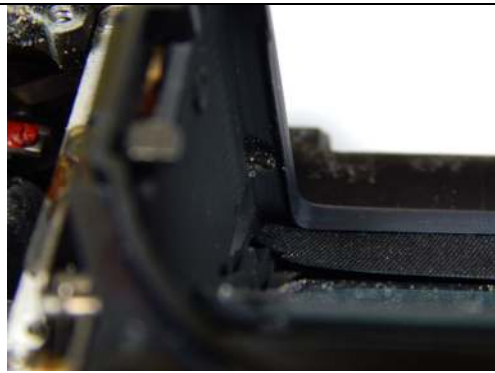


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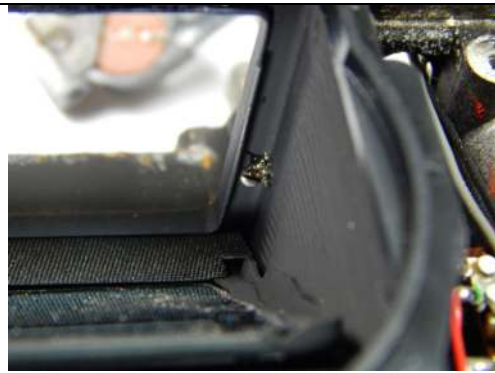


Figure 78



Figure 78



Figure 78

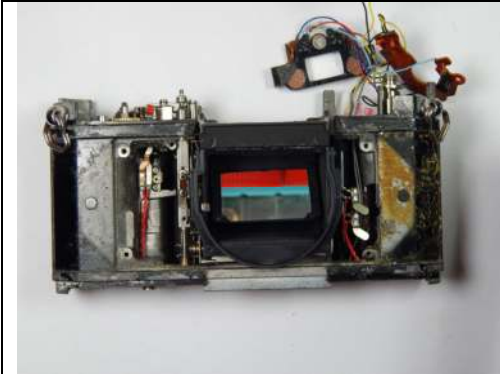


Figure 80-85



Figure 82

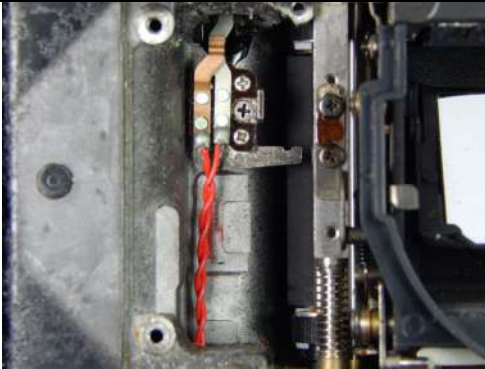


Figure 81-82

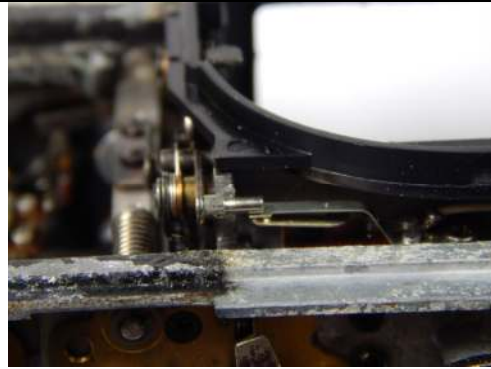


Figure 83



Figure 85



Figure 86

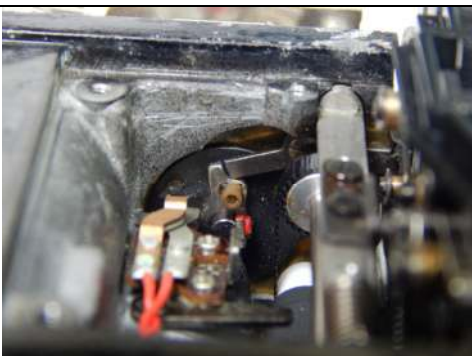


Figure 87 -cocked

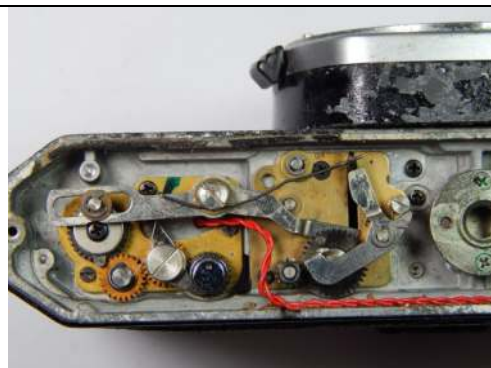


Figure 88 cocked

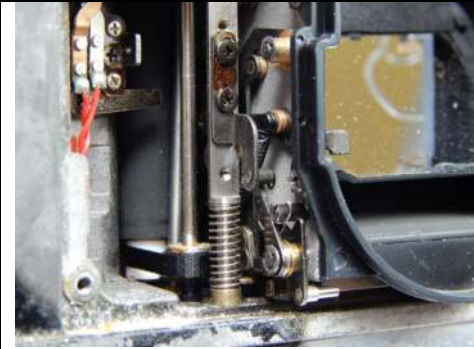


Figure 89

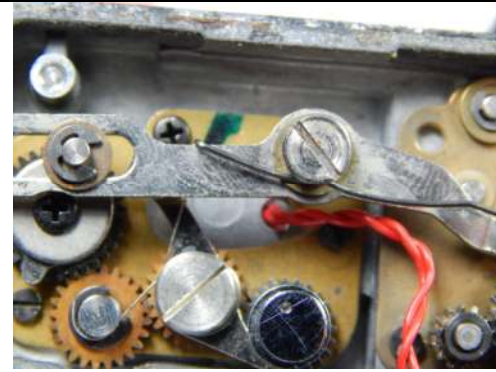


Figure 90



Figure 90a

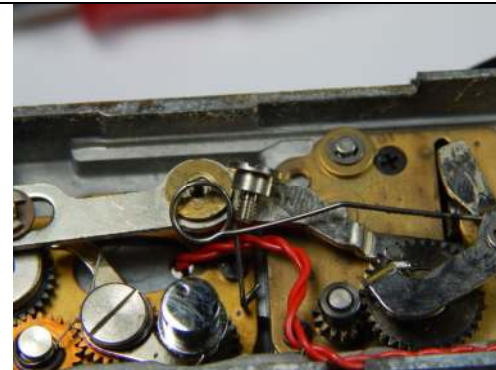


Figure 90b

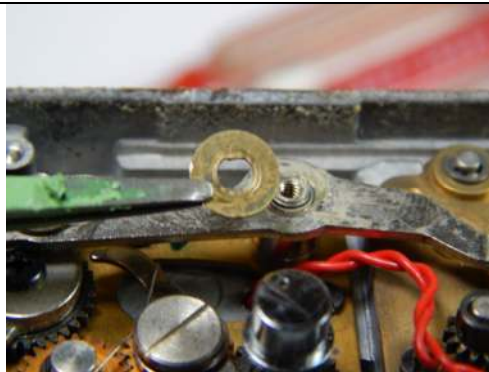


Figure 91-92

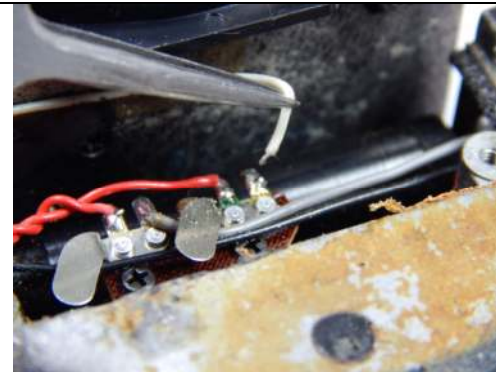


Figure 93

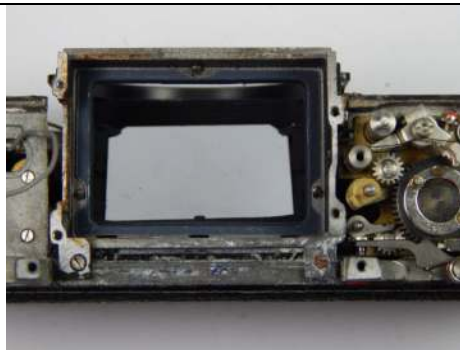


Figure 94

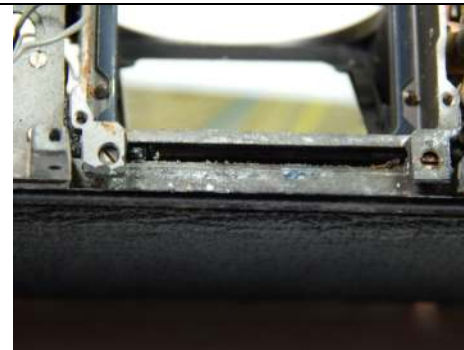


Figure 94a

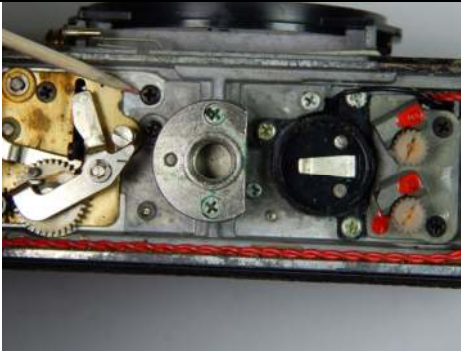


Figure 95a

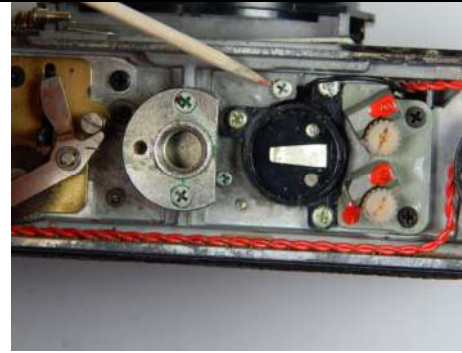


Figure 95b

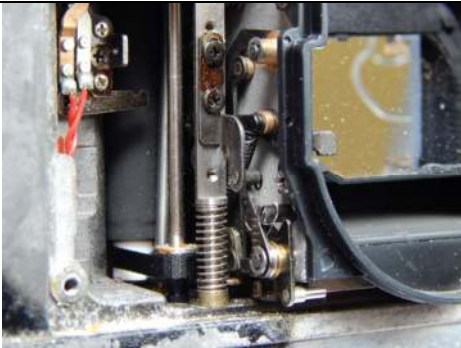


Figure 96



Figure 97



Figure 98



Figure 99-100

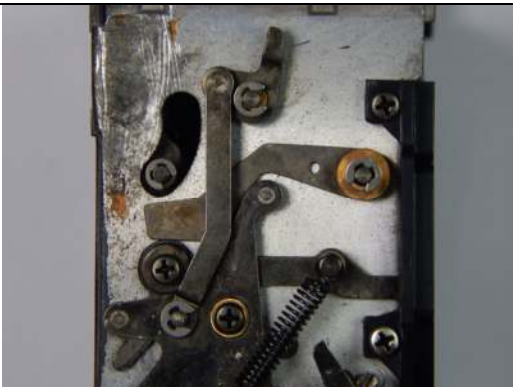


Figure 99-100



Figure 100



Figure 101



Figure 101a



Figure 102

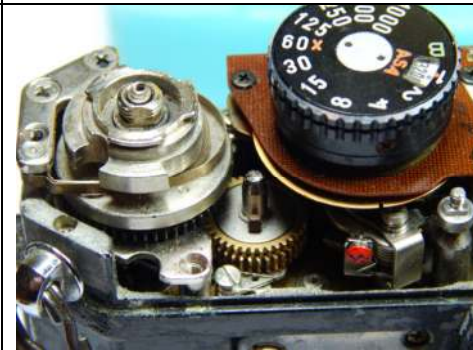


Figure 103

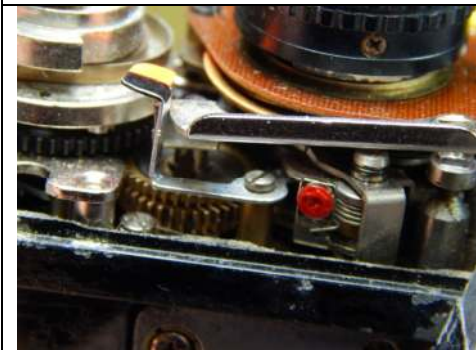


Figure 104

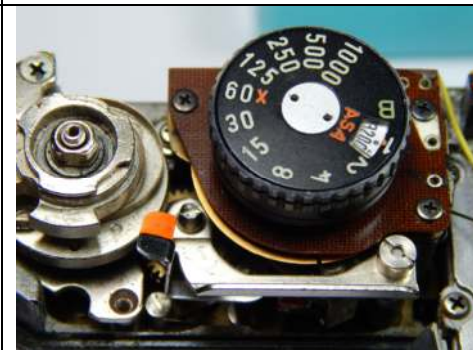


Figure 105



Figure 106



Figure 107

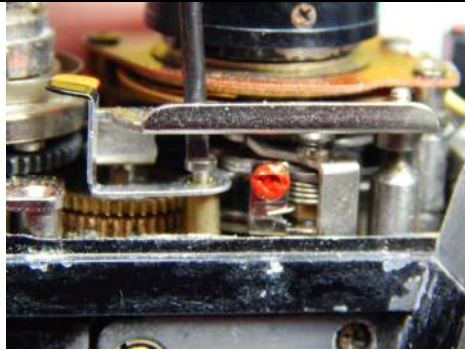


Figure 110



Figure 111-112

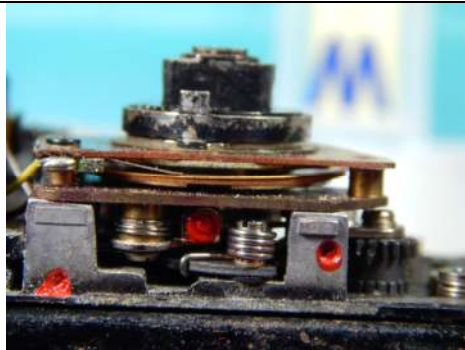


Figure 114

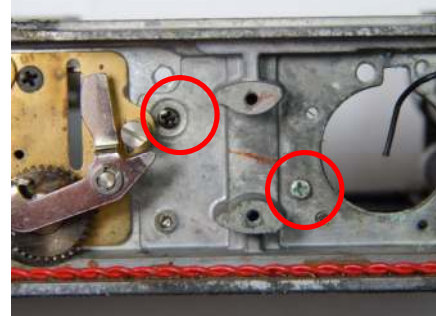


Figure 116



Figure 117



Figure 118



Figure 119



Figure 121

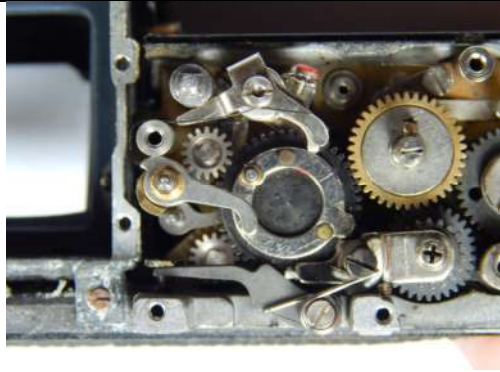


Figure 122

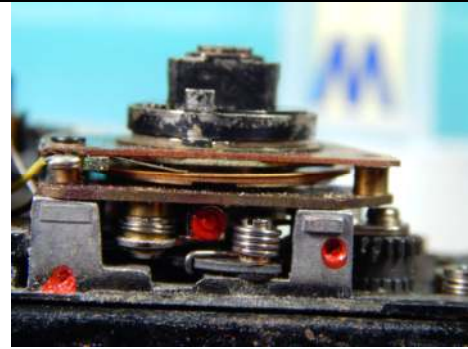


Figure 123

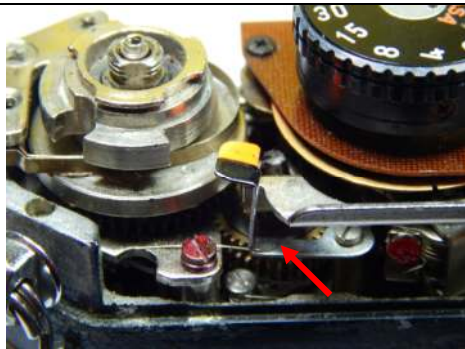


Figure 124



Figure 124a

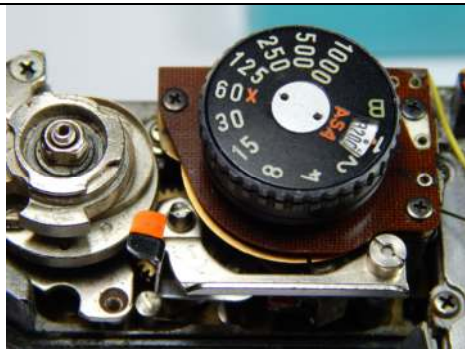


Figure 125



Figure 127



Figure 128



Figure 128a

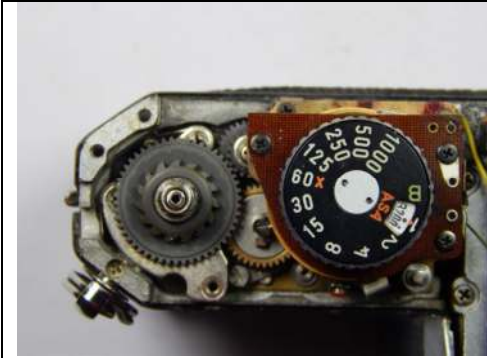


Figure 132



Figure 132a



Figure 134 pinion engaged

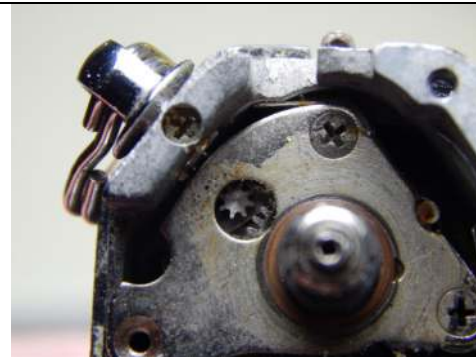


Figure 135 pinion disengaged

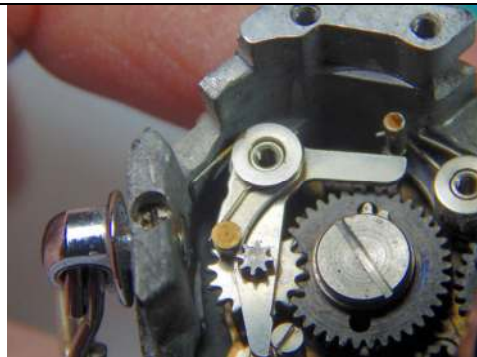


Figure 136 + 138



Figure 137

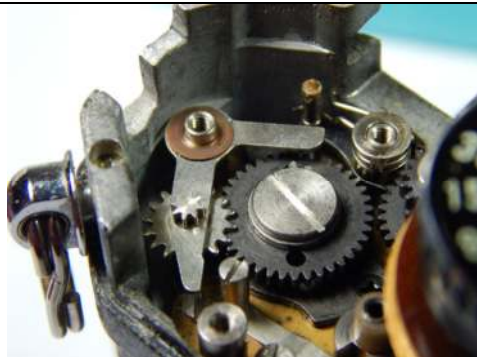


Figure 139



Figure 139a

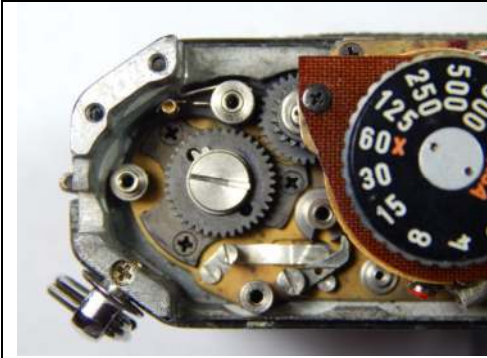


Figure 142

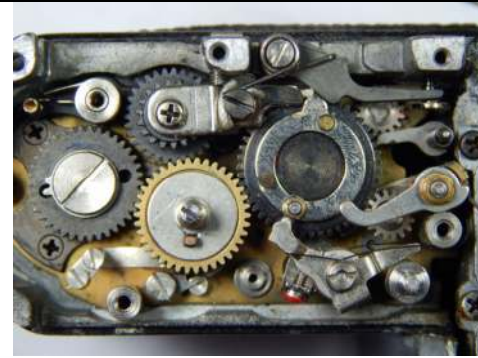


Figure 143



Figure 144

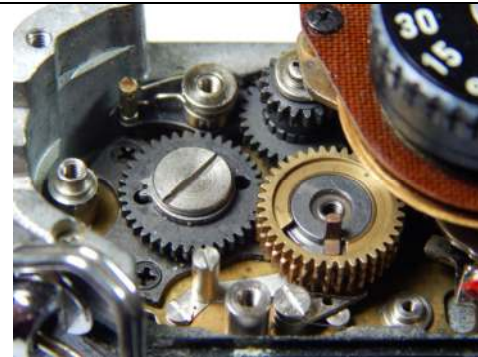


Figure 145

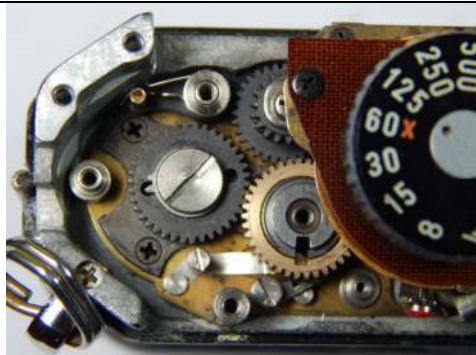


Figure 147

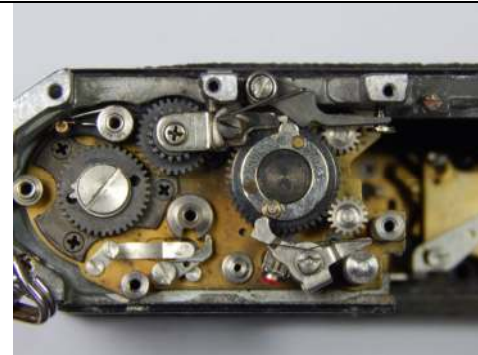


Figure 149

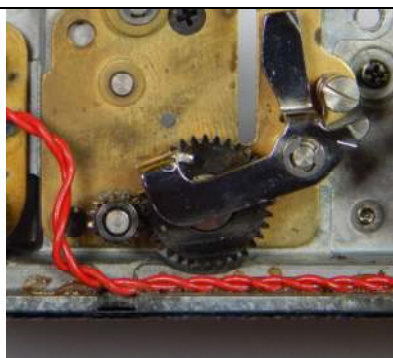


Figure 153-154

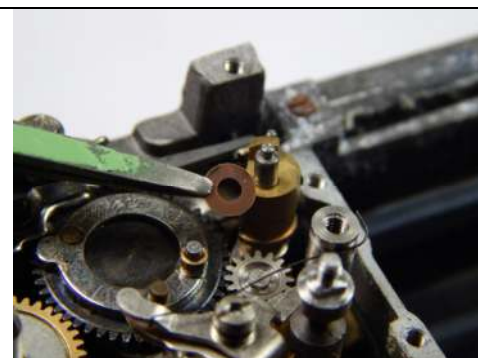


Figure 156

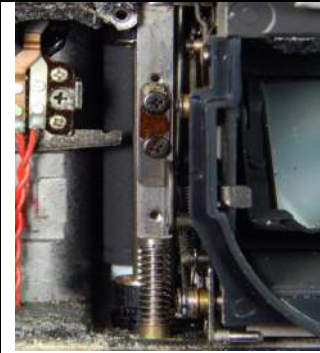


Figure 158



Figure 159

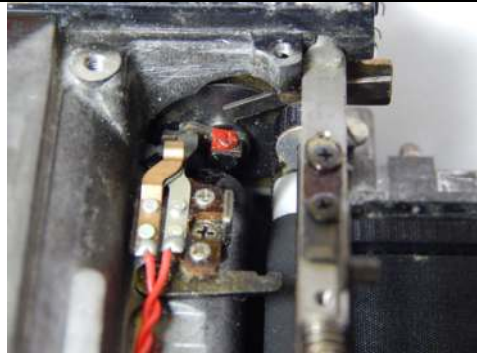


Figure 160



Figure 161

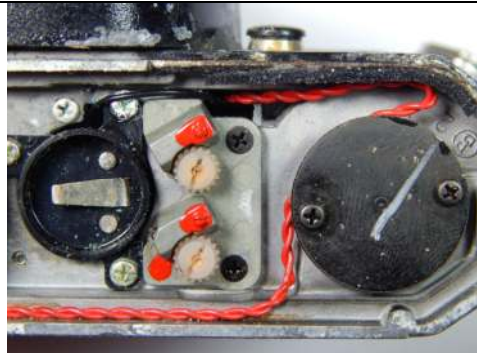


Figure 162 + 166

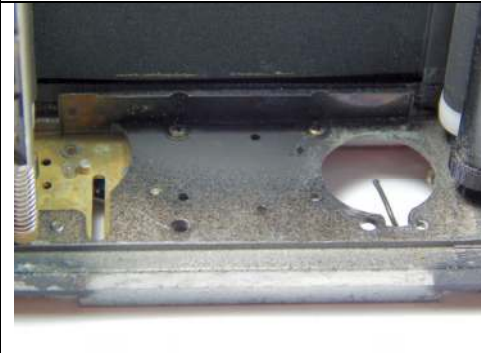


Figure 165



Figure 198 +201 (Spotmatic)



Figure 199 (Spotmatic)

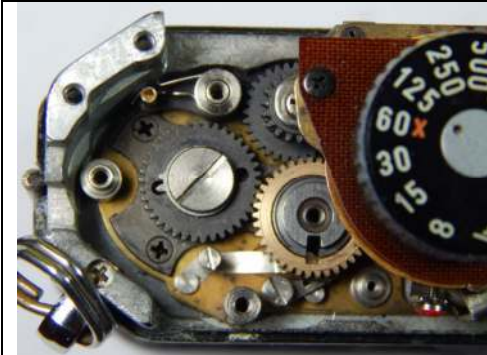


Figure 201

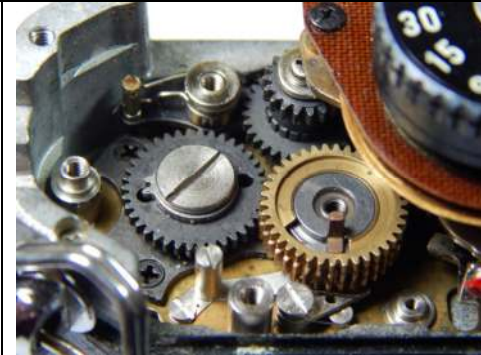


Figure 203



Figure 205



Figure 207

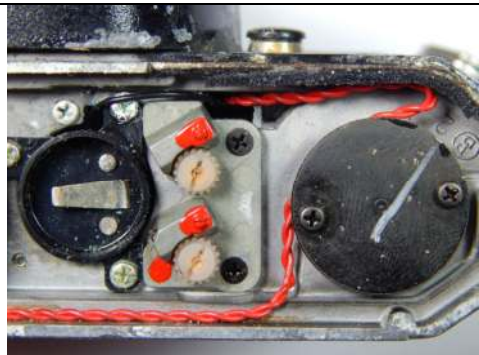


Figure 209

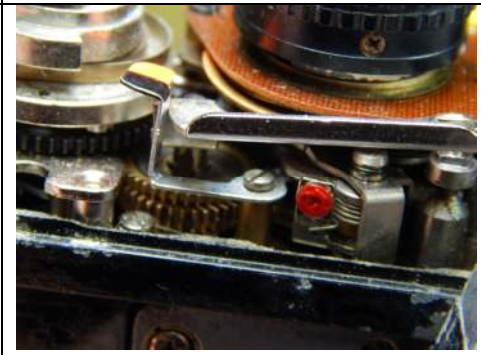


Figure 210



Figure 213-215

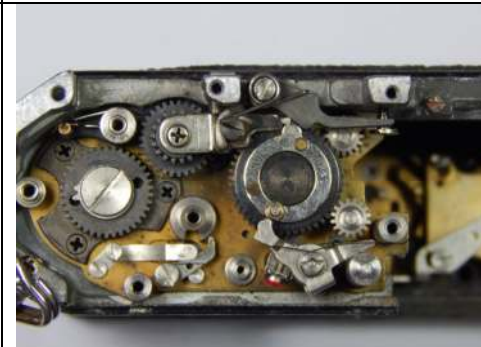


Figure 216

