

This document is a rough index to Peter Smith's Horologix restoration stories. Each of these is in a separate PDF file and all contain many useful pieces of information but can be difficult to navigate without knowing what is in each paper. This lists the items tackled in each of the restorations. In several restorations the same item has been addressed with slightly different detail so you may need to check out several different documents to find what you are looking for. Some of the items have relatively little detail but all are well illustrated. They give an excellent overview of the repairs that are frequently required in Eureka clocks, almost every one required new contacts and corrosion and many needed previous poor repairs reversed.

Thumbnail images of each clock are in the file 'Smith P J, Clock gallery identification pages Eureka'

Thanks again to Peter for letting us add these to the site, please note that all are his copyright.

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<b>Filename serial number</b>	<b>Movement</b>	<b>Dial</b>	<b>Case</b>	<b>Problems dealt with or descriptions included</b>
404	short	solid	enclosed arch	how fitted to case contact flag wear and new contact pin poor contact at bullet connector coil resistance disassemble balance wheel and screws testing magnetic field strength shims below baseplate regulation with microset
3067	short	skeleton	replaced	new bezel click spring worn through balance wheel brass and steel separating weights and positions of balance wheel screws new battery support screws to hold dial in the rim
3141	short	skeleton	round dome	battery holding supports rewax engraved front plate corrosion and repaired base new contacts and assembly unusual impulse arm screwed pivot new contact flag block
3309	short	skeleton	round dome	repair original corroded battery holder worn contact flag and pin dial clean balance wheel screws
4440	short	skeleton	none	new contact broken main pivot repair badly worn anti-rotation pawl spring

4793	short	skeleton	rectangular dome	bent dial pan and missing dial pins badly worn contact flag and pin replace perforated anti-rotation pawl spring balance wheel layers separating
7085	tall	none	none	remove additional washers replace perforated anti-rotation pawl spring broken main pivot incorrect contact mounting block short balance spring
7169	tall	solid + seconds	rectangular wood	3 ball movement dial rim repairs bent movement plate spring abraded too thin on cleaning adjusting shims various minor incorrect screws and fittings replace incorrect anti-rotation pawl spring loose dial diode fitted star wheel blued
7502	tall	solid	round dome	dried oil in bearing chambers excess lacquer
7617	tall	solid	arch wood	3 ball movement removal chime/strike wheels and contact modifications missing parts, broken pivot rust broken pivot fitting the regulating segment pitted gathering pallet new movement supports
7979	tall	solid	round dome	cleaning and minimal changes, new contacts
8256	tall	solid + seconds	none	new contact and pin replace perforated anti-rotation pawl spring detail of making new flag contact
8419	tall	solid	madeleine	cleaning bent dial pan case cleaning
8810	tall		none	three ball clock repair contact pin holder spring mounting to balance undo previous poor repairs adding weights

9082	tall	solid	lancet wood	compensate for short spring remove balance wheel added weights new contact mounting block coil reversed rotate bearing housing because of wear testing magnetic field
9247	tall	solid	wood rectangular	remove quartz replacement major repairs to movement plates new wheelwork and impulse arm and pawl missing teeth on regulator rack a heroic restoration
9458	tall	solid	wood 5 glass	clean and new spring, little detail in this report
3053	short	solid	round dome	described together in one file - a jigsaw corrosion and rust insulator block repair with epoxy repair contact pin holder replace incorrect pivot replace perforated anti-rotation pawl spring remanufactured domes
7939	tall	solid	square dome	
150	short	solid	square dome	