



# Vintage Time Re-Made In America



Rocks Blog & More



## GOLD SMITH WATCH WORKS

GOLD SMITH WATCH WORKS XVII

« ROLEX-MARCONI-TUDOR-MOVEMENTS-A-WATCH-HISTORY - 1750-FUSEE-WATCH-AND-HISTORY »

## WHAT HAPPENS IN 5 YEARS WHEN I NEED WATCH REPAIR

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AFTER ONE YEAR WARRANTY WE HONOR OUR PATRONS WITH DISCOUNTED OR FREE REPAIRS BUT HERE ARE THE FACTS OVER THE LONG TERM REPAIRING VINTAGE WATCHES

THERE IS A STATEMENT ON ONE OF THE OLDEST WATCH PARTS HOUSES IN THE US.

"IF YOU THOUGHT THAT FINDING PARTS WAS DIFFICULT IN THE PAST, FINDING PARTS IN THE PRESENT IS EVEN HARDER"

THE PARTS IN MANY MOVEMENTS ARE USUALLY ACROSS THE BOARD PRODUCTION PARTS. THAT IS, PARTS MADE FOR SEVERAL BRANDS, OR THE BRANDED MOVEMENT. ONE MOVEMENT WITH SLIGHTLY DIFFERENT CONFIGURATIONS. SO, SAY YOU HAVE AN AS1130 , THIS MOVEMENT BUILT BY AS CAME IN 8 DIFFERENT LOOKS OVER SEVERAL YEARS AND BRANDS. ALL HAD THE SAME BASIC LAYOUT, AND USUALLY SIMILAR BALANCES, BUT THERE ARE DEFINITIVE UNIQUE LOOKS DETERMINED BY WATCH BRAND.

WHETHER THE WATCH IS RARE OR NOT, A.MOVEMENT MAY ONE DAY REQUIRE PARTS.

PARTS CAN USUALLY BE FOUND, AND THEN THERE ARE THOSE THAT CAN TAKES FROM A FEW WEEKS TO MONTHS TO LOCATE.

ALMOST ALL CAN MADE FROM SCRATCH. — WHICH WILL BE COVERED FURTHER ON DOWN

THUS A POPULAR OR A RARE WONDERFUL TIME PIECE MOVEMENT MAY ONE DAY REQUIRE PARTS.

BACK IN THE DAY, IT WAS EASIER FOR A BRAND OR BRAND MANUFACTURER TO INVEST IN AN \*EBAUCHE AND THEN MANUFACTURE OR INVEST IN THE DRIVE TRAIN, ESCAPEMENT AND CUSTOM STEMS TO FITS INDIVIDUAL CASES THAN MAKING THEM FROM FROM SCRATCH..

\*Ébauche (loanword from French, meaning blank, outline or sketch) is a term used in art to denote the first preliminary underpainting or quick sketch in oils for an oil painting. One early criticism of Impressionist painting was that its practitioners sought to elevate the status of the ébauche to the level of finished painting. Horology, clockmaking and watchmaking appropriated the term ébauche to refer to an incomplete or unassembled watch movement and its associated components.

THUS, MANY MOVEMENTS BEGAN WITH AN EBAUCHE, A MOVEMENT WITH BRIDGES, PLATES AND OTHER BUILDING BLOCKS YET LACKING THE ESCAPEMENT TRAIN. I.E.: BALANCE, ESCAPE WHEEL, PALLET FORK, WHEELS AND MAIN SPRING BARREL

MANY BRANDS THAT BUILT THEIR OWN HIGH GRADE COMPLEX MOVEMENTS HAVE BRIDGES AND PLATES THAT LOOK SIMILAR TO A LOW GRADE MOVEMENT.

TAKE GLYCINE. GLYCINE WAS A MEDIUM TO HIGH BRAND THAT BUILT MOVEMENTS FROM SCRATCH. THESE ARE DIFFICULT TO FIND PARTS FOR.

BUT THEN WE LOOK AT 60% OF ALL OTHER BRANDS AND DISCOVER THEY HAVE NEARLY EXACT

## MOVEMENTS.

SO, HIGH END/HIGH GRADE WILL AUTOMATICALLY BE HARDER TO FIND INDIVIDUAL PARTS. MOVADO FROM THE WWII PERIOD. OMEGA WWII PERIOD. AND OTHERS. IN THIS CASE WE USUALLY LOOK FOR NON RUNNING MOVEMENT, INVEST, TAG IT, AND KEEP IT AS A REPAIR IN FUTURE FOR THE RESTORED VERSION WE ARE OFFERING.

## GRADES SIMPLE 101

THE KEY WAS ALWAYS THE QUALITY OF THE PARTS UTILIZED. WITH RARE HIGH GRADE, PRODUCTION HIGH GRADE, AND POPULAR HIGH GRADE, THE PARTS FOR THE EBAUCHE, OR THE HOME BREW, WERE DESIGNED OR SELECTED WITH INTENT. SO, THOUGH IT WAS AN EBAUCHE WITH PARTS MADE BY A FIRM OTHER THAN THAT WHICH IS BRANDED ON THE MOVEMENT, IT WOULD BE HIGH GRADE.

THUS IT IS SIMPLE TO UNDERSTAND GRADES. INCABLOC SHOCK PROTECTION, OTHER SHOCK PROTECTION THOUGH AVAILABLE, DID NOT MEAN ALL BRANDS UTILIZED THIS BREAK THROUGH DEVICE. FINISH ON BRIDGES, PLATES, RATCHET WHEELS, HOW MANY JEWELS, BALANCE ADJUSTMENTS ON THE BRIDGE COCK, PARTS SUCH AS BALANCE PROTECTORS MEANT HIGHER GRADE. MOVEMENTS EQUATE TO DEGREE OF DIFFICULTY OF LOCATING PARTS..

A RARER HIGHER GRADE MOVEMENT MAY HAVE HAD LOW PRODUCTION. THEREFORE PARTS ARE ALMOST A YEAR LONG ENCOUNTER...

THE EBAUCHE WAS THE BEGINNING; WHAT "PARTS" THE COMPANY ULTIMATELY UTILIZED MADE THE GRADE. AND MAKE THE DIFFICULTY LEVEL.

THE HOME BREW, MADE ENTIRELY BY THE BRAND, EQUATES A DIFFICULTY SURELY HIGHER THAN THE OUTSOURCE ABOVE.

COMPANY/BRAND CUSTOM BUILT MOVEMENTS MEAN. PARTS MAY BE DIFFICULT OR EASY TO DISCOVER DEPENDING/BASED ON ORIGINAL PRODUCTION.

WHILE PARTS UTILIZED FROM AN OUT SOURCE EBAUCHE OR FULLY BRANDED -A EXACT SIMILAR MOVEMENT BRANDED WITH NAME OF COMPANY USING I NUMBERS AND/OR SALES VOLUME- ARE EASIER TO DISCOVER.

## PARTS THAT CAN WEAR - BREAK

A DAMAGED BALANCE MORE THAN LIKELY REQUIRES CUTTING/MACHINING.

HARDLY ANY VINTAGE TIME PIECE HAS A BALANCE COMPLETE. AVAILABLE, :

THUS ALL THINGS BALANCE ARE COSTLY TO REPAIR.

BALANCE COCK -BALANCE STAFF -HAIR SPRING -ROLLER JEWEL - THROW IN -PALLET FORK -ESCAPE WHEEL

MOST DAMAGE IS FROM DROPPING THE TIME PIECE OR MASSIVE SHOCK, ESPECIALLY SIDE WAYS

SECOND IS A LACK OF LUBRICATION

USUALLY THE LOWER PIVOT WILL WEAR AND FAIL

IN THIS CASE IT MAY RUN FACE DOWN ONLY.

IT CAN ALSO PRODUCE PIVOT TO JEWEL END PLAY, SIDE TO SIDE /ANGLE

CAUSING INTERMITTENT TO NO OPERATION

MAIN SPRINGS ARE NOT ALWAYS AVAILABLE BY MODEL, BUT NORMALLY AVAILABLE BY SIZE. MOST TIMES IT CAN BE MATCHED.

LEARNING HOW TO WIND A VINTAGE TIME PIECE AND LUBRICATION WILL MAINTAIN THE MAINSPRING..

HAIR SPRING: DITTO TO MAINSPRING -BUT NO LUBRICATION. THE HAIR SPRING IS USUALLY DAMAGED BY RUST OR CORROSION, SECOND AT THE LIST IS POOR WORKMANSHIP WHERE THE SPRING IS BENT THROUGH REMOVING BALANCE OR ATTEMPTING TO ADJUST. I IN FACT HAVE DIFFICULTY WITH HAIR SPRINGS SO YOU GET THE IDEA. CAREFULLY REMOVING AND REPLACING AND THEN PROTECTION FROM MOISTURE AND THESE EXTREMELY DELICATE TO BENDING YET ABSOLUTELY TOUGH SPRINGS CAN LAST 140 YEARS AND STILL WORK.

OTHER THAN DAMAGE AND/OR WEAR FROM CRACKED, CHIPPED, BROKEN OVALED JEWELS OR DRILLS, THE WHEEL STAFF/PINION, THE UPPER/LOWER MACHINED ENDS OF STAFFS WHICH GO THROUGH WHEEL CENTER AND THEN INTO THEIR JEWELS OR DRILLS (NO JEWELS) WILL WEAR AND/OR BREAK IF NOT LUBRICATED -. EXTREMELY LIGHT LUBRICATION, PREFERABLY WITH SYNTHETIC OILS IS A MUST.

EXTREME SHOCK CAN DAMAGE A PIVOT END. YET. THE DRIVE TRAIN WHEELS ARE SOMEWHAT PROTECTED FROM SHOCK BY THEIR CONTACT WITH EACH OTHER

THE MAIN KILLER IS THE WEAR ON THE PIVOTS, THE WEAR ON THE DRILLS [MY VERBIAGE FOR SIMPLE HOLES DRILLED IN PLATES TO ACCOMMODATE THE WHEEL PIVOTS] OR WEAR FROM LACK OF SERVICING

AND LUBRICATION.

THEN THE VERY LAST. ON WATCHES WITH LIMITED JEWELS, THE WHEELS IN THE TRAIN OPERATE AGAINST THE DRILLED PLATE AND BRIDGE HOLES.

THEY OVAL OUT CAUSING THE WHEEL PINIONS TO DRIFT WHICH THEN CAN WEAR THE ACTUAL WHEEL TEETH. LEADING TO FURTHER DAMAGE. LOWER JEWEL USUALLY REPRESENT THE 7 JEWEL MOVEMENTS.

PARTS LIKE MAIN SPRING BARRELS, ARBORS, CANON PINIONS, AND OTHER REPLACEABLE PARTS ARE RARE TO BREAK OR WEAR BUT IT DOES OCCUR

CROWNS CAN BE DISCOVERED BUT STEMS CAN BE EXTREMELY DIFFICULT

SET BRIDGE AND SET LEVER, THE SMALL PARTS THAT PERFORM A BASIC TASK OF HOLDING THE STEM IN THE MOVEMENT WHILE ALLOWING THE STEM TO MOVE BACK AND FORTH WHILE SETTING/WINDING, MUST BE LUBED AND CARE TAKEN TO LEARN HOW TO GENTLY PULL OUT THE STEM TO SET AND PUSH IN TO WIND. THESE PARTS ARE RARE TO DISCOVER.

FABRICATING

MOST WHOLE/COMPLETE PARTS LIKE A CENTER WHEEL WOULD TAKE TIME IF NOT INSTANTLY AVAILABLE. ONLINE PART INTERCHANGE PROGRAMS ALLOW ONE TO LOOK UP ALMOST EVERY PART KNOWN TO WATCH MAN [LOL] THEN CLICK THE PART TO DISCOVER A LIST OF SIMILAR MOVEMENTS THAT USE SAME PART BY BRAND & NUMBER.. THEN, IF NOT AVAILABLE FROM SUPPLIER YOU CAN DISCOVER ONE OF THE MOVEMENTS WITH SAME PART, INVEST, BAM.. YOU ARE DONE

THEN THERE ARE 4 MAJOR USED PARTS SUPPLIERS. W/TONS OF MOVEMENTS

AS WELL AS 5 NEW AND NEW OLD STOCK PROVIDERS

SO, THE QUESTION REMAINS, IF A VINTAGE WATCH BREAKS CAN IT BE FIXED IN 1, 5, 10 YEARS?.

YES IS THE ANSWER.

BUT

COSTS IS THE ANSWER AND REAL QUESTION

JUST ABOUT ANY WATCH CAN BE REPAIRED. IT ALL COMES TO VALUE. WHEELS CAN BE MADE, STAFFS CUT, EVEN AN ENTIRE MAIN SPRING BARREL MACHINED. SO, COST FACTOR IS WHAT YOU SHOULD BE ASKING! I HAVE 5 TIME PIECES WAITING FOR PARTS 7 MOS TO 2 YEARS.

WAITING FOR PARTS  
ETERNAMATIC 1428U

THIS ETERNAMATIC 1428U W/BALL BEARING AUTOMATIC ROTOR, THE THINNEST MOVEMENT OF IT'S DAY. WITH A 18K GOLD SINGLE CASE REQUIRES AN MAIN SPRING ARBOR, BARREL AND FOUR OTHER PARTS. MAKING THESE ALL BY HAND COST PROHIBITIVE. WE MUST FIND FULL MOVEMENT SO PATRON WILL HAVE THE ABOVE PARTS AND EXTRA PARTS HERE!" IT HAS BEEN ON THE SHELF TWO YEARS!

WE RECOMMEND THAT ALL PATRONS USE THE APPRAISAL WE FREELY PROVIDE-IT TAKES 6 TO 8 WEEKS TO PLACE ONLINE- TO INSURE YOUR TIME PIECE. APPRAISAL TAKES 2 TO 3 HOURS EACH TIME PIECE . ALL DETAILS FROM OFFER IS ADDED. PATRONS SIMPLY SHOULD INSURE FOR THE APPRAISAL PRICE WHICH WOULD PROTECT YOU FROM COST AFTER WARRANTY..

THOUGH MANY VINTAGE WATCHES, EVEN CHEAP ONES, HAVE SIMILAR PARTS. A 5 DOLLAR TINY SET LEVER WHICH HOLDS STEM ALLOWING IT TO MOVE TO SET OR WIND CAN BREAK YET SOMETIMES NO SET LEVER CAN BE FOUND. I MAKE THEM IN THAT CASE BUT NOT FOR 5 BUCKS

THOUGH PARTS SUSCEPTIBLE TO BREAKAGE WERE USUALLY MADE IN EXCESS , SOME ARE NO LONGER AVAILABLE. I KNOW HOW TO FIX, USE OTHER PARTS, BUT I MAY NOT BE HERE. YET ANY HALF DECENT WATCH GUY/GAL CAN KEEP IT RIGHT BY 3 YEAR SERVICING & REQUESTING SYNTHETIC OILS/LUBES

SO INVEST IN A TIME PIECE BECAUSE YOU LOVE THE LOOK & HISTORY. NO MATTER WHAT, ANYTHING CAN OCCUR. SMALL LIKE TIMING SPEEDS UP OR SLOWS DOWN. STEM LOOSE. HAND FALL OFF, MAINS BREAK, BUT HARDLY A MAJOR PROBLEM HAS OCCURRED UNLESS THE PATRON DROPPED THEIR WATCH!

YES, MAYBE 4% WILL HAVE A DIFFICULT TO GET PART GO. BUT OF THAT, ONLY 2 % REQUIRE HAND MADE OR SEVERAL MONTH WAITING.

INSURE YOUR WATCH

HAVE IT SERVICED EVERY TWO TO FOUR YEARS DEPENDING ON YOUR AREA TEMP SEASONALLY. WHEN YOU WEAR IT, HOW MUCH TIME, IS IT A AREA WITH HIGH POLLUTION [LA NY MIAMI ATLANTA] OR EXTREME MOISTURE OR HEAT.

AVERAGE IS THREE YEARS AND USING SYNTHETIC OILS!

« [ROLEX-MARCONI-TUDOR-MOVEMENTS-A-WATCH-HISTORY - 1750-FUSEE-WATCH-AND-HISTORY](#) »

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- › [POP UP GSW GSWW MWB LSYF WEB CAM](#) July 4, 2014
- › [ALPINA WWI FLIEGERTRUPPEN](#) July 4, 2014
- › [VIETNAM WAR BLACK ZODIAC HACKING SEAWOLF DIVE WATCH](#) June 26, 2014
- › [1969 ALL STEEL OMEGA SPEEDMASTER PROFESSIONAL](#) June 20, 2014
- › [SUPERSTOCK RACER WITH TIMER](#) June 20, 2014
- › [THE GRAND DADDY WYLER](#) June 20, 2014
- › [1969-NIVADA-GRENCHEN-TARAVANA-VALJOUX-CHRONOGRAPH-DIVER](#) June 20, 2014
- › [OMEGA-MILITARY-CONVERSION-TUTONE](#) June 20, 2014
- › [MORAY-ATTACKED-6105-8119-SHARK-PLATE-SEIKO-DIVE](#) June 20, 2014



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