# EMMY WATCII VINTAGE RESTORATIONS 

Longines 893.1,893.2 Movement Parts (1)

Compiled by EmmyWatch - https://www.emmywatch.com

# Maintenance Manual 

No. 13

## Calibers L890.1 / L890.2 / L891.1 / L891.2 L892.1 / L892.2 / L893.1 / L893.2

IGIMETER

3.7 Concordance table of components

| No. | $\begin{aligned} & -\dot{8} \\ & \hline \infty \\ & \hline \end{aligned}$ | N <br> © <br> - | $\stackrel{\stackrel{-}{\square}}{\stackrel{-}{\infty}}$ | $\begin{aligned} & \stackrel{Y}{\sigma} \\ & \stackrel{\circ}{\infty} \\ & \hline \end{aligned}$ | $\overline{\mathrm{j}}$ <br> $\underset{\sim}{\infty}$ | $\begin{aligned} & \text { N } \\ & \underset{\sim}{\circ} \\ & \hline \end{aligned}$ | $\begin{aligned} & - \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { N } \\ & \text { § } \\ & \hline \end{aligned}$ | Designation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 100 | X |  | X |  | X |  | X |  | Main plate |
| 100 |  | X |  | X |  | X |  | X | Main plate |
| 118 | X |  | X |  | X |  | X |  | Combined bridge |
| 118 |  | X |  | X |  | X |  | X | Combined bridge |
| 121/6 | X | X | X | X | X | X | X | X | Balance bridge, mounted |
| 125 | X | X | X | X | X | X | X | X | Pallet bridge |
| 145 |  |  | X | X |  |  |  |  | Dial support |
| 163/1 | X | X | X | X | X | X | X | X | Center tube |
| 166 | X | X | X | X | X | X | X | X | Casing clamp |
| 180/1 | X | X | X | X | X | X | X | X | Complete upper barrel (small) |
| 180/2 | X | X | X | X | X | X | X | X | Complete lower barrel (large) |
| 201/1 | X | X | X | X | X | X | X | X | Great wheel |
| 210 | X | X | X | X | X | X | X | X | Third wheel |
| 220 | X | X | X | X | X | X | X | X | Second wheel, short pivot |
| 242/2 | X | X |  |  | X | X |  |  | Cannon pinion with driving wheel, $\mathrm{h}=2.39 \mathrm{~mm}$ |
| 242/2 |  |  |  |  |  |  | X | X | Cannon pinion with driving wheel, $\mathrm{h}=2.39 \mathrm{~mm}$ |
| 242/4 |  |  | X | X |  |  |  |  | Cannon pinion with driving wheel, $\mathrm{h}=2.94 \mathrm{~mm}$ |
| 255/2 | X | X |  |  | X | X | X | X | Hour wheel, $\mathrm{h}=1.25 \mathrm{~mm}$ |
| 255/4 |  |  | X | X |  |  |  |  | Hour wheel, $\mathrm{h}=1.80 \mathrm{~mm}$ |
| 260 | X | X | X | X | X | X | X | X | Minute wheel |
| 275/2 | X | X |  |  | X | X |  |  | Center-second pinion, $\mathrm{h}=4.74 \mathrm{~mm}$ |
| 275/4 |  |  | X | X |  |  |  |  | Center-second pinion, $\mathrm{h}=5.29 \mathrm{~mm}$ |
| 307 | X | X | X | X | X | X | X | X | Complete regulator (Spirofin) |
| 370 | X | X | X | X | X | X | X | X | Upper "Kif", jeweled |
| 371 | X | X | X | X | X | X | X | X | Lower "Kif", jeweled |
| 401. | X | X | X | X | X | X | X | X | Winding stem |
| 404 | X | X | X | X | X | X | X | X | Stem for water-resistant case (movement part) |
| 407 | X | X | X | X | X | X | X | X | Sliding pinion |
| 410 | X | X | X | X | X | X | X | X | Winding pinion |
| 420 | X | X | X | X | X | X | X | X | Crown wheel |
| 435 | X | X | X | X | X | X | X | X | Yoke |
| 440 | X | X | X | X | X | X | $\triangle \mathrm{X}$ | X |  |
| 443 | X | X | X | X | X | X | X | X | Setting lever |
| 445 | X | X | X | X |  |  |  |  | Setting-lever jumper |
| 445 |  |  |  |  | X | X | X | X | Setting-lever jumper |
| 447 | X | X | X | X | X | X | X | X | Stem spring |
| 450 | X | X | X | X | X | X | X | X | Setting wheel |
| 452 | X | X | X | X | X | X | X | X | Ratchet winding wheel |
| 453 | X | X | X | X | X | X | X | X | Intermediate setting wheel |
| 454 | X | X | X | X | X | X | X | X | Ratchet winding-wheel swing-lever, complete |
| 462 | X | X | X | X | X | X | X | X | Minute-train bridge |
| 491/1 | X | X | X | X | X | X | X | X | Stem spring lever (bezel opening 30.00 mm ) |
| 491/2 | X | X | X | X | X | X | X | X | Stem spring lever (bezel opening 29.00 mm ) |
| 491/3 | X | X | X | X | X | X | X | X | Stem spring lever (bezel opening 28.00 mm ) |
| 491/4 | X | X | X | X | X | X | X | X | Stem spring lever (bezel opening 27.00 mm ) |
| 510 | X | X | X | X | X | X | X | X | Mainspring-releasing pinion |
| 705 | X | X | X | X | X | X | X | X | Escape wheel |
| 710 | X | X | X | X | X | X | X | X | Pallet fork, mounted |
| 721 | X | X | X | X | X | X | X | X | Complete balance |
| 963 | X | X | X | X | X | X | X | X | Stem for water-resistant case (crown part) |
| 1142 | X |  |  |  |  |  |  |  | Automatic-device bridge (with ball bearing) |
| 1142 |  | X |  |  |  |  |  |  | Automatic-device bridge (with ball bearing) |
| 1142 |  |  | X |  |  |  |  |  | Automatic-device bridge (with ball bearing) |
| 1142 |  |  |  | X |  |  |  |  | Automatic-device bridge (with ball bearing) |
| 1142 |  |  |  |  | X |  |  |  | Automatic-device bridge (with ball bearing) |
| 1142 |  |  |  |  |  | X |  |  | Automatic-device bridge (with ball bearing) |
| 1142 |  |  |  |  |  |  | X |  | Automatic-device bridge (with ball bearing) |
| 1142 |  |  |  |  |  |  |  | X | Automatic-device bridge (with ball bearing) |
| 1143 | X | X | X | X | X | X | X | X | Complete oscillating weight |
| 1482 | X | X | X | X | X | X | X | X | Ratchet-wheel driving wheel |
| 1499 | X | X | X | X | X | X | X | X | Reverser intermediate wheel |
| 1535/1 | X | X | X | X | X | X | X | X | Reversing wheel, mounted |
| 2535 | X | X | X | X | X | X | X | X | Date-indicator maintaining plate |
| 2543 | X | X | X | X |  |  |  |  | Intermediate date wheel, mounted |


| No. | $$ | $\left\lvert\, \begin{gathered} \sim \\ 0 \\ 8 \\ \hline \\ \hline \end{gathered}\right.$ | $\begin{aligned} & \stackrel{-}{\infty} \\ & \stackrel{\infty}{\infty} \end{aligned}$ | $\begin{aligned} & \text { ָ } \\ & \stackrel{\infty}{\infty} \end{aligned}$ | $\begin{aligned} & \bar{\sim} \\ & \underset{\sim}{\infty} \end{aligned}$ | $\begin{aligned} & \underset{\sim}{\sim} \\ & \underset{\sim}{\infty} \end{aligned}$ | $\begin{aligned} & \Gamma \\ & \underset{\infty}{\infty} \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { N } \\ & \underset{\infty}{\infty} \end{aligned}$ | Designation |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\underline{2556}$ | X | X |  |  |  |  |  |  | Date-indicator driving wheel, mounted |
| 2556 |  |  | X | X |  |  |  |  | Date-indicator driving wheel, mounted |
| $\underline{2556 / 8}$ | X | X | X | X |  |  |  |  | Date-indicator retaining strip |
| 2557/1 | X | X |  |  |  |  |  |  | Date-indicator, window at "30'clock" |
| 2557/1 |  |  | X | X |  |  |  |  | Date-indicator, window at " 3 o'clock" |
| 2557/2 | X | X |  |  |  |  |  |  | Date-indicator, window at " 4.30 o'clock" |
| 2557/3 | X | X |  |  |  |  |  |  | Date-indicator, window at " 6 o'clock" |
| $\frac{2557 / 3}{2561 / 1}$ |  |  | X | X |  |  |  |  | Date-indicator, window at " 6 o'clock" |
| 2561/3 |  |  | X | X |  |  |  |  | Day star with dial disk, window at "30'clock" |
| 2566 | X | X | X | X | X | X | X | X | Day star with dial disk, window at " 6 o'clock" |
| 2567 |  |  | X | X |  |  |  |  | Day-corrector |
| 2572 | X | X | X | X | X | X | X | X | Date-corrector spring |
| $\underline{2573}$ |  |  | X | X |  |  |  |  | Day-jumper spring |
| $\frac{2575}{}$ | x | X | X | X |  |  |  |  | Date-jumper spring |
| 2576 | X | X | X | X |  |  |  |  | Date jumper |
| 2577 |  |  | X | X |  |  |  |  | Day jumper |
| 9471 | X | X | X | X | X | X |  |  | Blocking spring |
| 5101 | X | X | X | X | X | X | X | X | Case screw (1080.69) |
| 5118 | X | X | X | X | X | X | X | X | Screw for combined bridge (1071.13) |
| 5121/6 | X | X | X | X | X | X | X | X | Screw for mounted balance bridge (1071.13) |
| 5125 | X | X | X | X | X | X | X | X | Pallet-bridge screw (1071.12) |
| 5166 | X | X | X | X | X | X | X | X | Casing-calmp screw (1080.88) |
| 5443 | X | X | X | X | X | X | X | X | Setting-lever screw (1071.13) |
| 5462 | X | X | X | X | X | X | X | X | Screw for minute-train bridge (1071.12) |
| 5510 | X | X | X | X | X | X | X | X | Screw for mainspring-releasing pinion (1071.12) |
| 5738 | X | X | X | X | X | X | X | X | Stud screw (1040.34) |
| 5750 | X | X | X | X | X | X | X | X | Dial screw (1071.14) |
| 51142 | X | X | X | x | X | X | X | X | Screw for automatic-device bridge (1071.13) |
| $\frac{51143}{52535}$ | X | X | X | X | X | X | X | X | Oscillating-weight screw (1090.45) |
| $\frac{52535}{52556 / 8}$ | X | X | X | X | X | X | X | X | Screw for date-indicator maintaining plate (1071.13) |
| $\frac{52556 / 8}{52572}$ | X | X | X | X | $\underline{1}$ | - | I |  | Screw for data-indicator retaining strip (1071.13) |
| $\frac{52572}{52573}$ | X | X | X | X | X | X | X | X | Screw for date-corrector spring (1071.25) |
| 52577 |  |  | X | X | N | A | U |  | Screw for day-jumper spring (1071.11) |



