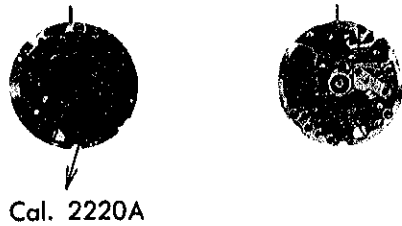


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|---|--------------|--------|------------|------------|
| Calibre No. | 2220A | Jewels | 24j | Style Name |
| ⇒ Basic Calibre 2202A 21J Catalog No. 22-02-1 | | | | |



Characteristics

Casing diameter : 17.20 ϕ mm
 Maximum height : 3.30 mm
 Vibrations per hour : 28,800
 Non-automatic
 Micro-adjustor
 "Diashock" Shock Resistant Device
 "Diafix" Oil Lubrication Device

Catalog No. 22-20-1

| | | | | |
|---|--------------|--------|------------|------------|
| Calibre No. | 2220A | Jewels | 24j | Style Name |
| ⇒ Basic Calibre 2202A 21J Catalog No. 22-02-1 | | | | |

| PART NO. | LIST OF MATERIALS | PART NO. | LIST OF MATERIALS |
|----------|--|----------|---|
| 112035 | Barrel & train-wheel bridge | 768220 | Setting lever axle ring |
| 161222 | Pallet cock | 014413 | Diashock upper frame |
| 171222 | Balance cock | 014415 | Diashock upper hole jewel with frame |
| 201222 | Complete barrel with arbor & mainspring | 011212 | Diashock upper cap jewel |
| ☆ 224223 | Center wheel & pinion with cannon pinion | 014417 | Diashock upper spring |
| ☆ 224224 | | 014604 | Diashock lower frame |
| ☆ 225223 | | 014605 | Diashock lower hole jewel with frame |
| ☆ 225224 | Cannon pinion | 011221 | Diashock lower cap jewel |
| 231222 | Third wheel & pinion | 014317 | Diashock lower spring |
| 241221 | Fourth wheel & pinion | 015511 | Diafix upper hole jewel with frame for 3rd wheel |
| 251222 | Escape wheel & pinion | 015181 | Diafix upper hole jewel with frame for 4th wheel |
| 261221 | Minute wheel | 015591 | Diafix upper hole jewel with frame for escape wheel |
| ☆ 271222 | Hour wheel | 011221 | Diafix cap jewel |
| ☆ 271223 | | 015513 | Diafix spring |
| 281221 | Setting wheel | 012121 | Stud screw |
| 282223 | Clutch wheel | 012204 | Pallet cock screw |
| 283221 | Winding pinion | 012207 | Barrel & train-wheel bridge screw |
| 284220 | Crown wheel | 012263 | Balance cock screw |
| 285220 | Ratchet wheel | 012290 | Dial screw |
| 301110 | Jewelled pallet fork & staff | 012407 | Case screw |
| 310222 | Balance complete with stud | 012512 | Crown wheel screw |
| 315221 | Balance staff | 012668 | Click screw |
| 331110 | Roller with jewel | 012670 | Setting lever spring screw |
| 341221 | Regulator | 012736 | Minute wheel bridge screw |
| 344250 | Regulator adjusting device | 012754 | Lower end-piece screw for 3rd wheel |
| 345221 | Stud holder | 011159 | Upper hole jewel for barrel |
| ☆ 351221 | Winding stem | 011153 | Lower hole jewel for barrel |
| ☆ 351222 | | 011535 | Upper hole jewel for center wheel |
| 372220 | Joint stem (movement portion) | 011153 | Lower hole jewel for center wheel |
| 373250 | Joint stem (case portion) | 011612 | Lower hole jewel for 3rd wheel |
| 381220 | Click | 011541 | Lower hole jewel for 4th wheel |
| 382110 | Click spring | 011649 | Lower hole jewel for escape wheel |
| ☆ 383226 | Setting lever | 011505 | Upper hole jewel for pallet |
| ☆ 383227 | | 011505 | Lower hole jewel for pallet |
| ☆ 383228 | | 013014 | Tube for barrel & train-wheel bridge screw (long) |
| 384220 | Yoke (Clutch lever) | 013017 | Yoke spring pin |
| 385220 | Yoke spring (Clutch lever spring) | | (Tube for setting lever spring screw) |
| 387222 | Minute wheel bridge | 013017 | Tube for setting lever spring screw |
| 388222 | Setting lever spring | 013113 | Tube for barrel & train-wheel bridge screw (short) |
| 390221 | Setting lever axle | | |
| 395220 | Micro-adjustor | | |
| 436220 | Lower end-piece for 3rd wheel | | |
| 481221 | Crown wheel ring | | |
| 491180 | Dial washer | | |

Remarks : —continued—

Setting lever

There are three types of setting levers. They are used according to the structure of cases and types of winding stems. Select a suitable one by the following procedures referring to the shapes indicated in the photos and Fig. 1.

In case of a one-piece water-resistant case, if an incorrect setting lever for dial diameter is used the winding stem can not be pulled out or the movement cannot be set in the case. Attention must be paid to this point (Refer to Fig. 2. Example of suitable setting lever).

- ☆ 383226..... Used for watch with joint stem, or with ordinary winding stem other than one-piece or square type water-resistant case.
- ☆ 383227..... Used for one-piece water-resistant case with ordinary winding stem and dial of diameter 17.50~18.00 ϕ mm.
- ☆ 383228..... Used for one-piece water-resistant case with ordinary winding stem and dial of diameter 18.50~19.00 ϕ mm.

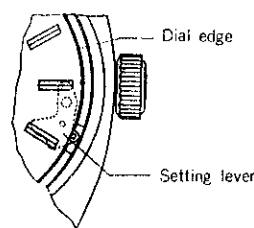
When parts number of the setting lever is unknown or when ordering setting levers other than the above, specify ① Cal. No., ② number of jewels ③ dial No. and ④ case No.

(Fig. 1)



☆ 383226 ☆ 383227 ☆ 383228

(Fig. 2)



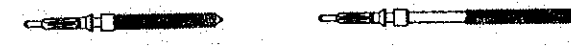
(Example of suitable setting lever)
 Tail of the setting lever is located between the dial and the case.

Remarks : Center wheel & pinion with cannon pinion — Measure the total length of cannon pinion —
 ☆ 224223.....Using the cannon pinion of 1.64 mm total length (Part No. 225223)
 ☆ 224224.....Using the cannon pinion of 2.01 mm total length (Part No. 225224)

Cannon pinion — Measure the total length —
 ☆ 225223.....1.64 mm total length
 ☆ 225224.....2.01 mm total length

Hour wheel — Measure the total length —
 ☆ 271222.....1.37 mm total length
 ☆ 271223.....1.06 mm total length

Winding stem — Refer to the photograph on the page of the basic calibre (Catalog No. 22-02-1) and shapes in the lower diagram.
 ☆ 351221.....Short winding stem (Thread is provided completely on the crown portion.)
 ☆ 351222.....Long winding stem (Thread is provided only on the end of the crown portion.)



☆ 351221

☆ 351222

—continued on front page—

☆⇒ Please see remarks.

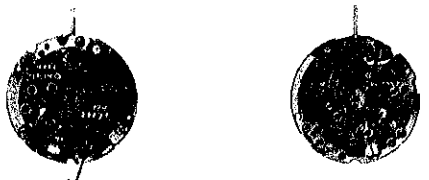



























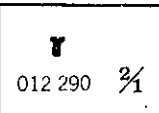



























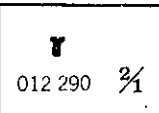



























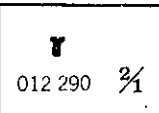
As for all other parts not shown here, please refer to the basic calibre

(Cal. No. 2202A 21J Catalog No. 22-02-1 Red page).

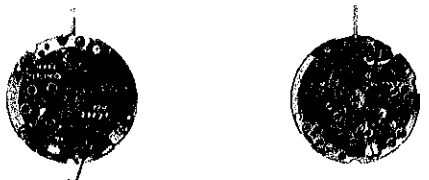

☆⇒ Please see remarks

Items in light letters are not shown in photos; those parts are interchangeable with the basic calibre

(Cal. No. 2202A 21J Catalog No. 22-02-1 Red page).

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Calibre No. 2220A <small>Basic Calibre 2202A 21J Catalog No. 22-02-1</small> | Jewels 17j | Style Name | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  <p>Cal. 2220A</p> | | Characteristics Casing diameter : 17.20 ^φ mm Maximum height : 3.30 mm Vibrations per hour : 28,800 Non-automatic Micro-adjustor "Diashock" Shock Resistant Device | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table style="width:100%; text-align: center; border-collapse: collapse;"> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>112 076</td> <td>161 222</td> <td>171 224</td> <td>201 222</td> <td>☆224 223 ☆224 224</td> <td>☆225 223 ☆225 224</td> <td>231 224</td> <td>241 222</td> <td>251 226</td> </tr> </table> <table style="width:100%; text-align: center; border-collapse: collapse;"> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>310 222</td> <td>315 221</td> <td>341 221</td> <td>344 250</td> <td>345 221</td> <td>395 220</td> <td>261 221</td> <td>☆271 222 ☆271 223</td> <td>☆383 226 ☆383 227 ☆383 228</td> <td>387 222</td> </tr> </table> <table style="width:100%; text-align: center; border-collapse: collapse;"> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>388 222</td> <td>433 111</td> <td>443 120</td> <td>433 110</td> <td>014 413</td> <td>014 415</td> <td>011 212</td> <td>014 417</td> <td>012 290 2/1</td> </tr> </table> | | |  |  |  |  |  |  |  |  |  | 112 076 | 161 222 | 171 224 | 201 222 | ☆224 223 ☆224 224 | ☆225 223 ☆225 224 | 231 224 | 241 222 | 251 226 |  |  |  |  |  |  |  |  |  |  | 310 222 | 315 221 | 341 221 | 344 250 | 345 221 | 395 220 | 261 221 | ☆271 222 ☆271 223 | ☆383 226 ☆383 227 ☆383 228 | 387 222 |  |  |  |  |  |  |  |  |  | 388 222 | 433 111 | 443 120 | 433 110 | 014 413 | 014 415 | 011 212 | 014 417 | 012 290 2/1 |
|  |  |  |  |  |  |  |  |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 112 076 | 161 222 | 171 224 | 201 222 | ☆224 223 ☆224 224 | ☆225 223 ☆225 224 | 231 224 | 241 222 | 251 226 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  |  |  |  |  |  |  |  |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 310 222 | 315 221 | 341 221 | 344 250 | 345 221 | 395 220 | 261 221 | ☆271 222 ☆271 223 | ☆383 226 ☆383 227 ☆383 228 | 387 222 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  |  |  |  |  |  |  |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 388 222 | 433 111 | 443 120 | 433 110 | 014 413 | 014 415 | 011 212 | 014 417 | 012 290 2/1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Remarks : — continued — Setting lever [Fig. 1] There are three types of setting levers. They are used according to the structure of cases and types of winding stems. Select a suitable one by the following procedures referring to the shapes indicated in the photos and Fig. 1. In case of a one-piece water-resistant case, if an incorrect setting lever for dial diameter is used the winding stem can not be pulled out or the movement cannot be set in the case. Attention must be paid to this point (Refer to Fig. 2, Example of suitable setting lever). ☆383 226.....Used for watch with joint stem, or with ordinary winding stem other than one-piece or square type water-resistant case. ☆383 227.....Used for one-piece water-resistant case with ordinary winding stem and dial of diameter 17.50~18.00 φmm. ☆383 228.....Used for one-piece water-resistant case with ordinary winding stem and dial of diameter 18.50~19.00 φmm. When parts number of the setting lever is unknown or when ordering setting levers other than the above, specify ① Cal. No., ② number of jewels ③ dial No. and ④ case No. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Catalog No. 22-20-2

| Calibre No. 2220A <small>Basic Calibre 2202A 21J Catalog No. 22-02-1</small> | Jewels 17j | Style Name | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|-------------------|--|-------------------|---------|-----------------------------|---------|--|---------|-------------|---------|---|---------|--------------|---------|---|---------|---|---------|------------------|----------|--|---------|-------------|----------|---------|-------------------------|----------|---------------|---------|----------------------|----------|---------|--------------------------------------|---------|----------------------|---------|--------------------------|---------|-----------------------|---------|-----------------------|---------|-----------------------|---------|----------------------|---------|--------------|---------|--------------------------------------|----------|------------|---------|--------------------------|----------|---------|-----------------------|---------|---------------|---------|------------|---------|--------------|---------|-------------------|---------|----------------|---------|-----------------------------------|---------|-------------|---------|--------------------|---------|---------------|---------|------------|---------|------------------------------|---------|------------|---------|----------------------------|---------|-------------------|---------|---------------|---------|-------------|---------|-------------------|---------|----------------------------|---------|-----------|---------|---------------------------|---------|----------------------------|---------|-----------------------------------|---------|-------------|---------|-----------------------------------|----------|--------------|---------|--------------------------------|----------|---------|--------------------------------|---------|-------------------------------|---------|-----------------------------------|---------|---------------------------|---------|-----------------------------|---------|-------|---------|-----------------------------|---------|--------------|---------|---|----------|---------------|---------|--|----------|---------|-------------------------------------|----------|---------|--|---------|---------------------|--|--|---------|-----------------------------------|--|--|---------|---------------------|--|--|---------|----------------------|--|--|---------|--------------------|--|--|---------|----------------|--|--|--|--|
|  <p>Cal. 2220A</p> | Characteristics Casing diameter : 17.20 ^φ mm Maximum height : 3.30 mm Vibrations per hour : 28,800 Non-automatic Micro-adjustor "Diashock" Shock Resistant Device | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:15%;">PART NO.</th> <th style="width:65%;">LIST OF MATERIALS</th> <th style="width:15%;">PART NO.</th> <th style="width:5%;">LIST OF MATERIALS</th> </tr> </thead> <tbody> <tr> <td>112 076</td> <td>Barrel & train-wheel bridge</td> <td>433 110</td> <td>Upper hole jewel with frame for escape wheel</td> </tr> <tr> <td>161 222</td> <td>Pallet cock</td> <td>433 111</td> <td>Upper hole jewel with frame for 3rd wheel</td> </tr> <tr> <td>171 224</td> <td>Balance cock</td> <td>443 120</td> <td>Upper hole jewel with frame for 4th wheel</td> </tr> <tr> <td>201 222</td> <td>Complete barrel with arbor & mainspring</td> <td>481 221</td> <td>Crown wheel ring</td> </tr> <tr> <td>☆224 223</td> <td rowspan="2">Center wheel & pinion with cannon pinion</td> <td>491 180</td> <td>Dial washer</td> </tr> <tr> <td>☆224 224</td> <td>768 220</td> <td>Setting lever axle ring</td> </tr> <tr> <td>☆225 223</td> <td rowspan="2">Cannon pinion</td> <td>014 413</td> <td>Diashock upper frame</td> </tr> <tr> <td>☆225 224</td> <td>014 415</td> <td>Diashock upper hole jewel with frame</td> </tr> <tr> <td>231 224</td> <td>Third wheel & pinion</td> <td>011 212</td> <td>Diashock upper cap jewel</td> </tr> <tr> <td>241 222</td> <td>Fourth wheel & pinion</td> <td>014 417</td> <td>Diashock upper spring</td> </tr> <tr> <td>251 226</td> <td>Escape wheel & pinion</td> <td>014 604</td> <td>Diashock lower frame</td> </tr> <tr> <td>261 221</td> <td>Minute wheel</td> <td>014 605</td> <td>Diashock lower hole jewel with frame</td> </tr> <tr> <td>☆271 222</td> <td rowspan="2">Hour wheel</td> <td>011 221</td> <td>Diashock lower cap jewel</td> </tr> <tr> <td>☆271 223</td> <td>014 317</td> <td>Diashock lower spring</td> </tr> <tr> <td>281 221</td> <td>Setting wheel</td> <td>012 121</td> <td>Stud screw</td> </tr> <tr> <td>282 223</td> <td>Clutch wheel</td> <td>012 204</td> <td>Pallet cock screw</td> </tr> <tr> <td>283 221</td> <td>Winding pinion</td> <td>012 207</td> <td>Barrel & train-wheel bridge screw</td> </tr> <tr> <td>284 220</td> <td>Crown wheel</td> <td>012 263</td> <td>Balance cock screw</td> </tr> <tr> <td>285 220</td> <td>Ratchet wheel</td> <td>012 290</td> <td>Dial screw</td> </tr> <tr> <td>301 110</td> <td>Jewelled pallet fork & staff</td> <td>012 407</td> <td>Case screw</td> </tr> <tr> <td>310 222</td> <td>Balance complete with stud</td> <td>012 512</td> <td>Crown wheel screw</td> </tr> <tr> <td>315 221</td> <td>Balance staff</td> <td>012 668</td> <td>Click screw</td> </tr> <tr> <td>331 110</td> <td>Roller with jewel</td> <td>012 670</td> <td>Setting lever spring screw</td> </tr> <tr> <td>341 221</td> <td>Regulator</td> <td>012 736</td> <td>Minute wheel bridge screw</td> </tr> <tr> <td>344 250</td> <td>Regulator adjusting device</td> <td>011 535</td> <td>Upper hole jewel for center wheel</td> </tr> <tr> <td>345 221</td> <td>Stud holder</td> <td>011 153</td> <td>Lower hole jewel for center wheel</td> </tr> <tr> <td>☆351 221</td> <td rowspan="2">Winding stem</td> <td>011 542</td> <td>Lower hole jewel for 3rd wheel</td> </tr> <tr> <td>☆351 222</td> <td>011 541</td> <td>Lower hole jewel for 4th wheel</td> </tr> <tr> <td>372 220</td> <td>Joint stem (movement portion)</td> <td>011 528</td> <td>Lower hole jewel for escape wheel</td> </tr> <tr> <td>373 250</td> <td>Joint stem (case portion)</td> <td>011 505</td> <td>Upper hole jewel for pallet</td> </tr> <tr> <td>381 220</td> <td>Click</td> <td>011 505</td> <td>Lower hole jewel for pallet</td> </tr> <tr> <td>382 110</td> <td>Click spring</td> <td>013 014</td> <td>Tube for barrel & train-wheel bridge screw (long)</td> </tr> <tr> <td>☆383 226</td> <td rowspan="3">Setting lever</td> <td>013 017</td> <td>Yoke spring pin (Tube for setting lever spring screw)</td> </tr> <tr> <td>☆383 227</td> <td>013 017</td> <td>Tube for setting lever spring screw</td> </tr> <tr> <td>☆383 228</td> <td>013 113</td> <td>Tube for barrel & train-wheel bridge screw (short)</td> </tr> <tr> <td>384 220</td> <td>Yoke (Clutch lever)</td> <td></td> <td></td> </tr> <tr> <td>385 220</td> <td>Yoke spring (Clutch lever spring)</td> <td></td> <td></td> </tr> <tr> <td>387 222</td> <td>Minute wheel bridge</td> <td></td> <td></td> </tr> <tr> <td>388 222</td> <td>Setting lever spring</td> <td></td> <td></td> </tr> <tr> <td>390 221</td> <td>Setting lever axle</td> <td></td> <td></td> </tr> <tr> <td>395 220</td> <td>Micro-adjustor</td> <td></td> <td></td> </tr> </tbody> </table> | PART NO. | LIST OF MATERIALS | PART NO. | LIST OF MATERIALS | 112 076 | Barrel & train-wheel bridge | 433 110 | Upper hole jewel with frame for escape wheel | 161 222 | Pallet cock | 433 111 | Upper hole jewel with frame for 3rd wheel | 171 224 | Balance cock | 443 120 | Upper hole jewel with frame for 4th wheel | 201 222 | Complete barrel with arbor & mainspring | 481 221 | Crown wheel ring | ☆224 223 | Center wheel & pinion with cannon pinion | 491 180 | Dial washer | ☆224 224 | 768 220 | Setting lever axle ring | ☆225 223 | Cannon pinion | 014 413 | Diashock upper frame | ☆225 224 | 014 415 | Diashock upper hole jewel with frame | 231 224 | Third wheel & pinion | 011 212 | Diashock upper cap jewel | 241 222 | Fourth wheel & pinion | 014 417 | Diashock upper spring | 251 226 | Escape wheel & pinion | 014 604 | Diashock lower frame | 261 221 | Minute wheel | 014 605 | Diashock lower hole jewel with frame | ☆271 222 | Hour wheel | 011 221 | Diashock lower cap jewel | ☆271 223 | 014 317 | Diashock lower spring | 281 221 | Setting wheel | 012 121 | Stud screw | 282 223 | Clutch wheel | 012 204 | Pallet cock screw | 283 221 | Winding pinion | 012 207 | Barrel & train-wheel bridge screw | 284 220 | Crown wheel | 012 263 | Balance cock screw | 285 220 | Ratchet wheel | 012 290 | Dial screw | 301 110 | Jewelled pallet fork & staff | 012 407 | Case screw | 310 222 | Balance complete with stud | 012 512 | Crown wheel screw | 315 221 | Balance staff | 012 668 | Click screw | 331 110 | Roller with jewel | 012 670 | Setting lever spring screw | 341 221 | Regulator | 012 736 | Minute wheel bridge screw | 344 250 | Regulator adjusting device | 011 535 | Upper hole jewel for center wheel | 345 221 | Stud holder | 011 153 | Lower hole jewel for center wheel | ☆351 221 | Winding stem | 011 542 | Lower hole jewel for 3rd wheel | ☆351 222 | 011 541 | Lower hole jewel for 4th wheel | 372 220 | Joint stem (movement portion) | 011 528 | Lower hole jewel for escape wheel | 373 250 | Joint stem (case portion) | 011 505 | Upper hole jewel for pallet | 381 220 | Click | 011 505 | Lower hole jewel for pallet | 382 110 | Click spring | 013 014 | Tube for barrel & train-wheel bridge screw (long) | ☆383 226 | Setting lever | 013 017 | Yoke spring pin (Tube for setting lever spring screw) | ☆383 227 | 013 017 | Tube for setting lever spring screw | ☆383 228 | 013 113 | Tube for barrel & train-wheel bridge screw (short) | 384 220 | Yoke (Clutch lever) | | | 385 220 | Yoke spring (Clutch lever spring) | | | 387 222 | Minute wheel bridge | | | 388 222 | Setting lever spring | | | 390 221 | Setting lever axle | | | 395 220 | Micro-adjustor | | | Remarks : Center wheel & pinion with cannon pinion — Measure the total length of cannon pinion — ☆224 223.....Using the cannon pinion of 1.64 mm total length (Part No. 225 223) ☆224 224.....Using the cannon pinion of 2.01 mm total length (Part No. 225 224) Cannon pinion — Measure the total length — ☆225 223.....1.64 mm total length ☆225 224.....2.01 mm total length Hour wheel — Measure the total length — ☆271 222.....1.37 mm total length ☆271 223.....1.06 mm total length Winding stem — Refer to the photograph on the page of the basic calibre (Catalog No. 22-02-1) and shapes in the lower diagram. ☆351 221..... Short winding stem (Thread is provided completely on the crown portion.) ☆351 222..... Long winding stem (Thread is provided only on the end of the crown portion.) | |
| PART NO. | LIST OF MATERIALS | PART NO. | LIST OF MATERIALS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 112 076 | Barrel & train-wheel bridge | 433 110 | Upper hole jewel with frame for escape wheel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 161 222 | Pallet cock | 433 111 | Upper hole jewel with frame for 3rd wheel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 171 224 | Balance cock | 443 120 | Upper hole jewel with frame for 4th wheel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 201 222 | Complete barrel with arbor & mainspring | 481 221 | Crown wheel ring | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ☆224 223 | Center wheel & pinion with cannon pinion | 491 180 | Dial washer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ☆224 224 | | 768 220 | Setting lever axle ring | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ☆225 223 | Cannon pinion | 014 413 | Diashock upper frame | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ☆225 224 | | 014 415 | Diashock upper hole jewel with frame | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 231 224 | Third wheel & pinion | 011 212 | Diashock upper cap jewel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 241 222 | Fourth wheel & pinion | 014 417 | Diashock upper spring | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 251 226 | Escape wheel & pinion | 014 604 | Diashock lower frame | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 261 221 | Minute wheel | 014 605 | Diashock lower hole jewel with frame | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ☆271 222 | Hour wheel | 011 221 | Diashock lower cap jewel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ☆271 223 | | 014 317 | Diashock lower spring | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 281 221 | Setting wheel | 012 121 | Stud screw | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 282 223 | Clutch wheel | 012 204 | Pallet cock screw | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 283 221 | Winding pinion | 012 207 | Barrel & train-wheel bridge screw | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 284 220 | Crown wheel | 012 263 | Balance cock screw | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 285 220 | Ratchet wheel | 012 290 | Dial screw | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 301 110 | Jewelled pallet fork & staff | 012 407 | Case screw | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 310 222 | Balance complete with stud | 012 512 | Crown wheel screw | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 315 221 | Balance staff | 012 668 | Click screw | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 331 110 | Roller with jewel | 012 670 | Setting lever spring screw | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 341 221 | Regulator | 012 736 | Minute wheel bridge screw | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 344 250 | Regulator adjusting device | 011 535 | Upper hole jewel for center wheel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 345 221 | Stud holder | 011 153 | Lower hole jewel for center wheel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ☆351 221 | Winding stem | 011 542 | Lower hole jewel for 3rd wheel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ☆351 222 | | 011 541 | Lower hole jewel for 4th wheel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 372 220 | Joint stem (movement portion) | 011 528 | Lower hole jewel for escape wheel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 373 250 | Joint stem (case portion) | 011 505 | Upper hole jewel for pallet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 381 220 | Click | 011 505 | Lower hole jewel for pallet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 382 110 | Click spring | 013 014 | Tube for barrel & train-wheel bridge screw (long) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ☆383 226 | Setting lever | 013 017 | Yoke spring pin (Tube for setting lever spring screw) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ☆383 227 | | 013 017 | Tube for setting lever spring screw | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ☆383 228 | | 013 113 | Tube for barrel & train-wheel bridge screw (short) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 384 220 | Yoke (Clutch lever) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 385 220 | Yoke spring (Clutch lever spring) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 387 222 | Minute wheel bridge | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 388 222 | Setting lever spring | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 390 221 | Setting lever axle | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 395 220 | Micro-adjustor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | ☆351 221 ☆351 222 — continued on front page — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

☆⇨ Please see remarks.

Items in light letters are not shown in photos; those parts are interchangeable with the basic calibre

(Cal. No. 2202A 21J Catalog No. 22-02-1 Red page).

☆⇨ Please see remarks.

As for all other parts not shown here, please refer to the basic calibre

(Cal. No. 2202A 21J Catalog No. 22-02-1 Red page).