

SUPPLEMENT TO PARTS CATALOGUE/TECHNICAL GUIDE Cal. 4M21A

The following movement parts for Cal. 4M21A have been upgraded to enhance their performance.

Notes:

- When repairing Cal. 4M21A watches, please be sure to refer to this supplement together with “PARTS CATALOGUE/TECHNICAL GUIDE Cal. 4M21A”.
- When the new capacitor unit is installed into the movement, make sure that the capacitor clamp is replaced with the new one.

POINTS OF UPGRADING

* Please refer to the corresponding descriptions on page 3 of “PARTS CATALOGUE/TECHNICAL GUIDE Cal. 4M21A”.

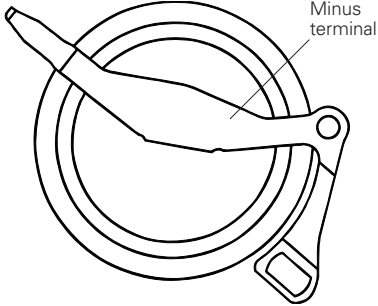
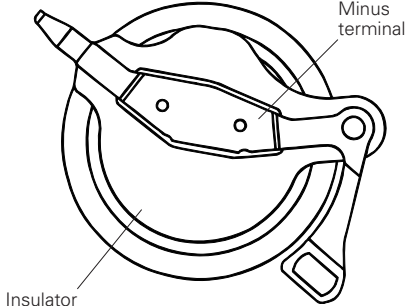
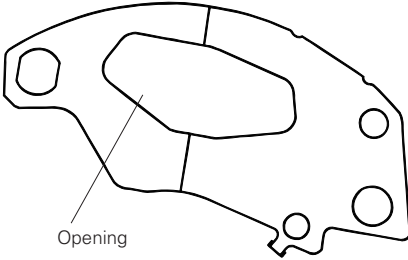
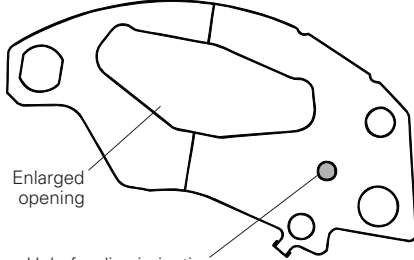
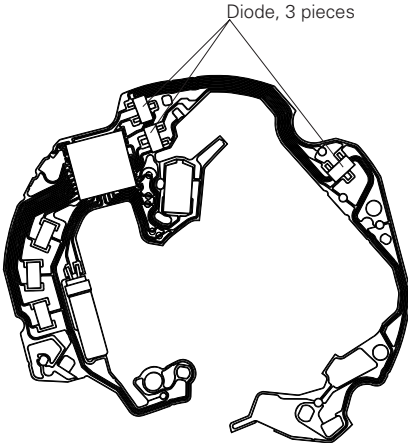
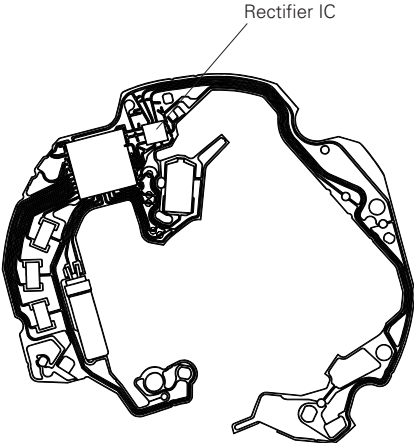
Part name	Old part code	New part code	Points of upgrading	Points to discriminate new parts
Capacitor unit	3029 114	3029 116	<ul style="list-style-type: none"> • Different types of materials used as contents • Newly shaped minus terminal • Use of gold plating instead of nickel plating • Use of an insulator 	<ul style="list-style-type: none"> • Shape and color of the minus terminal • Use of an insulator
Capacitor clamp	4225 552	4225 552 (unchanged)	<ul style="list-style-type: none"> • Enlarged opening portion 	<ul style="list-style-type: none"> • Hole for discrimination
Circuit block	4000 676	4000 676 (unchanged)	<ul style="list-style-type: none"> • Upgraded rectifier circuit • Improved rectifying and charging performance 	<ul style="list-style-type: none"> • Use of rectifier IC instead of diode

For the detailed points of discrimination between the old and newly developed parts, refer to the illustrations in “DIFFERENCES BETWEEN OLD AND NEW PARTS” overleaf.

Notes on using the new parts:

1. The capacitor unit has been upgraded to further increase the reliability of its performance. Please make sure that the upgraded capacitor unit should be used together with the new capacitor clamp.
2. The new circuit block has improved enormously in recharging performance, and the recharging efficiency of Cal. 4M21A watches will be enhanced by replacing the circuit block with the upgraded one. It is possible to use the new circuit block together with the old capacitor unit and capacitor clamp.

DIFFERENCES BETWEEN OLD AND NEW PARTS

Part name	Old part	New part	Points of discrimination
Capacitor unit	<p>Part code: 3029 114</p>  <p>Minus terminal</p> <p>Color of minus terminal: Silver Insulator: None</p>	<p>Part code: 3029 116</p>  <p>Minus terminal</p> <p>Insulator</p> <p>Color of minus terminal: Gold Insulator: Attached</p>	<p>Color of minus terminal</p> <p>Use of the insulator</p>
Capacitor clamp	 <p>Opening</p> <p>Opening: Smaller Hole for discrimination: None</p>	 <p>Enlarged opening</p> <p>Hole for discrimination</p> <p>Opening: Enlarged Hole for discrimination: One</p>	<p>Size of opening</p> <p>Hole for discrimination</p>
Circuit block	 <p>Diode, 3 pieces</p> <p>Use of diode: 3 pieces</p>	 <p>Rectifier IC</p> <p>Diode: Replaced with a rectifier IC</p>	<p>Change of rectifying circuit</p>