

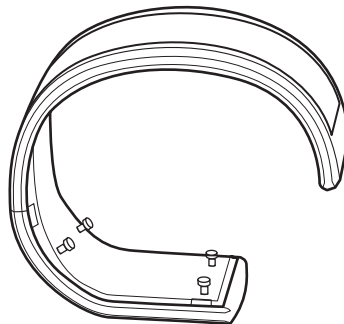
PARTS CATALOGUE/TECHNICAL GUIDE

SEIKO EPD WATCH Cal. G510 (for Battery Replacement)




 = Precautions

For G510 caliber watches, as they incorporate a microcapsule-type electrophoresis display module and employ a special case structure, all repair, adjustment, and replacement must be carried out in Japan, with the exception of replacement of "Urethane Safety Catcher" or batteries. Battery replacement can be done only at Seiko Service Centres where the Water-Resistance Tester S-451A is equipped. As soon as you receive a request from a customer, immediately contact the CS Department.

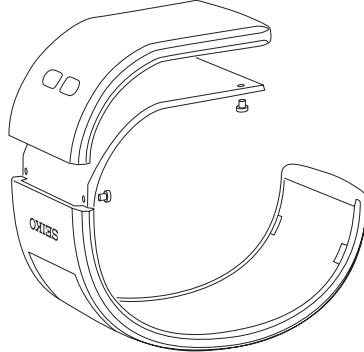
- ① 1) Loosen and remove the four "battery cover screws" (#7500920).



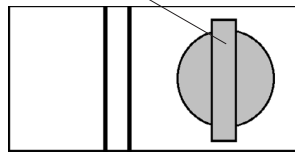
* Use sufficient force as adhesive is used for preventing the screws from loosening.

-  The other 6 screws should not be touched.
-  Pay attention not to damage or scratch the case and battery cover.
-  Use a short screwdriver because the case shape is unusual. Avoid diagonally inserting a long screwdriver because this will cause damage to the screw head.

- ② Remove the "battery cover."



- ③ Remove the "battery clamp" (#422544) using tweezers.



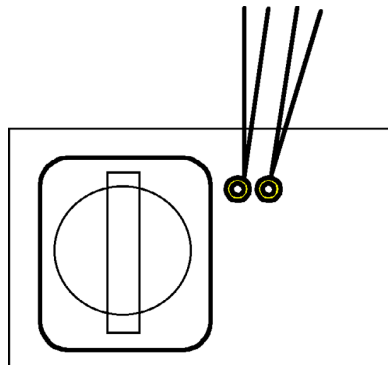
- ④ Replace the battery (CR2025)

⚠ When setting the battery, insert it diagonally from the side so as not to bend the terminal spring.

- ⑤ Set the "battery clamp" correctly.

- ⑥ Touch the two terminals beside the battery to create a short circuit for resetting system.

* Refer to the instructions on the rear side of the battery cover.

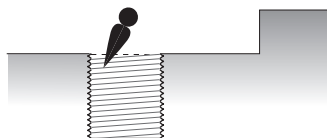
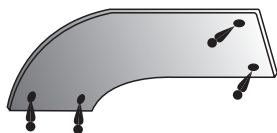


* Confirm that the display shows <12:00>.

- ⑦ Apply a small amount of adhesive "LOCTITE 241" to the four screw holes on the battery cover.

*First, remove any remaining adhesive before applying the new adhesive.

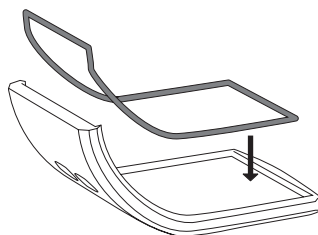
*Dry the adhesive with the battery cover down under a temperature of not more than 50°C.



- ⑧ Set "gasket for the battery cover" (0G286BCA2).

* Be sure to use a new one.

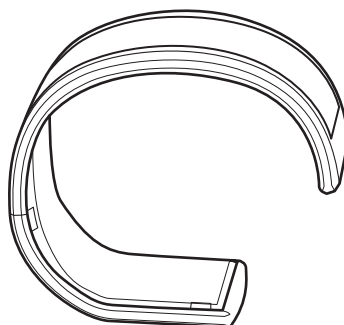
* Apply grease as necessary.



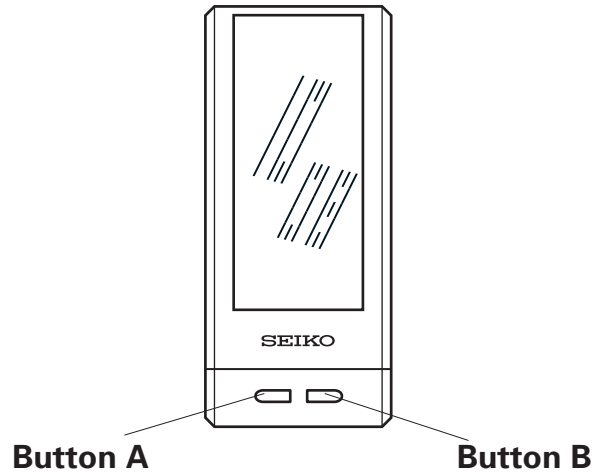
- ⑨ Close the "battery cover."

* Pay attention not to displace the "gasket."

* You may put the "battery cover" below, and place the watch body onto the cover.



- ⑩ Check that the display shows the time by pressing “button A” and the calendar by pressing “button B.”



- ⑪ Ensure the non-water resistant level by use of the water-resistance tester S-451A.
- * Set the detector to the glass part in a similar manner as a normal watch.
 - * In the case where water resistance cannot be determined, remove the battery cover to reset the gasket and try again.

Parts for G510	
CASE BACK SCREW	81506329
BATTERY HATCH GASKET	0G286BCA2
URETHANE SAFETY CATCHER	DFW8EB
BATTERY CLAMP	4225544