GTEMP-0225 Rev 1

Replacing the Potentiometer

> (i) **Note: You do not have to remove any covers to replace the head and chin rest.**

1. Description

The potentiometer controls the open and close mechanism of the temple supports.

Tool Requirements

You must supply the following tools:

- Metric allen keys.
- Metric spanners.
- Flathead screwdriver.

> (i) **Note: The tool references mentioned in this guide are ISO tool references.**

Before Removing or Replacing the Potentiometer

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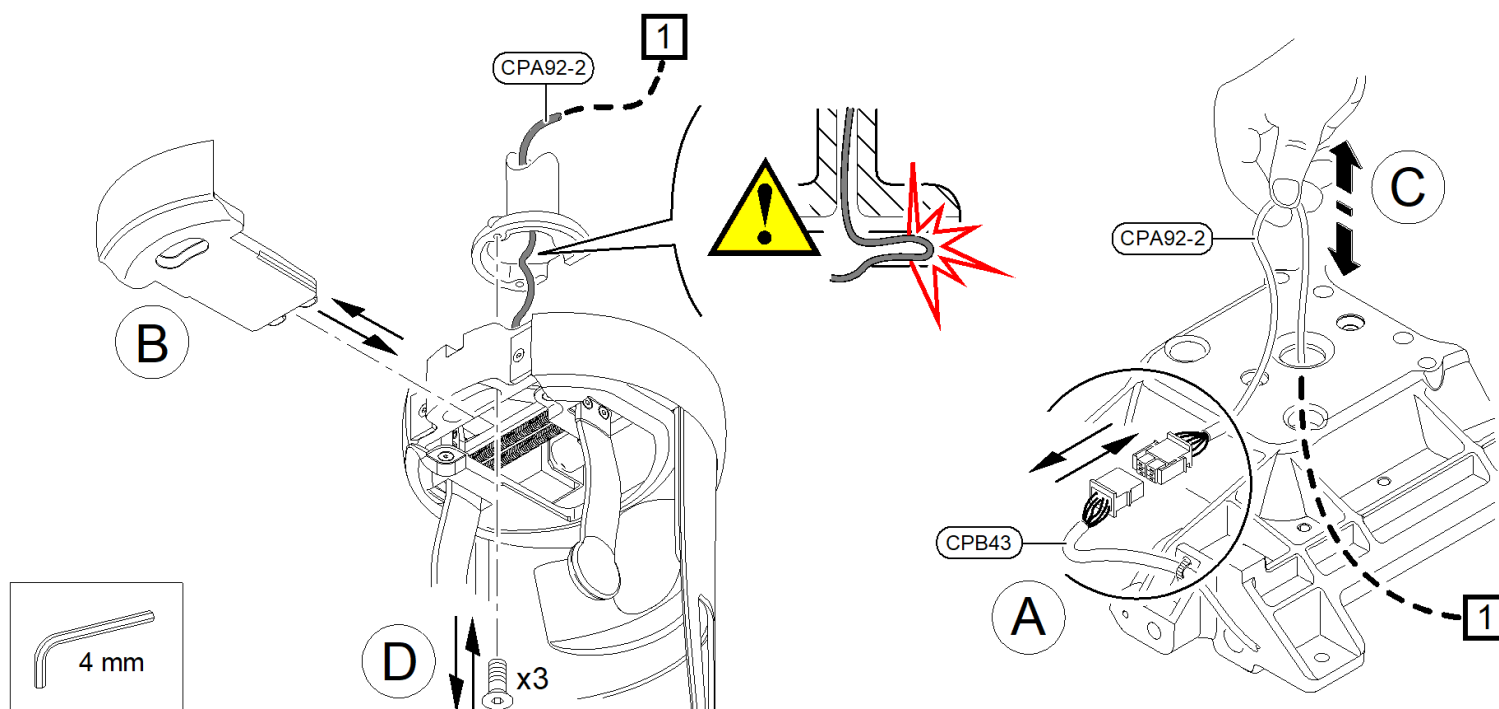Before removing or replacing the potentiometer, make sure that:

- The unit is disconnected from the main power supply by switching off the circuit breaker in the electrical cabinet.
- The unit is switched off.
- The head cover is removed.
- You have the required tools.
- You have the appropriate new potentiometer.

2. Removing the Potentiometer

To remove the potentiometer, follow these steps:

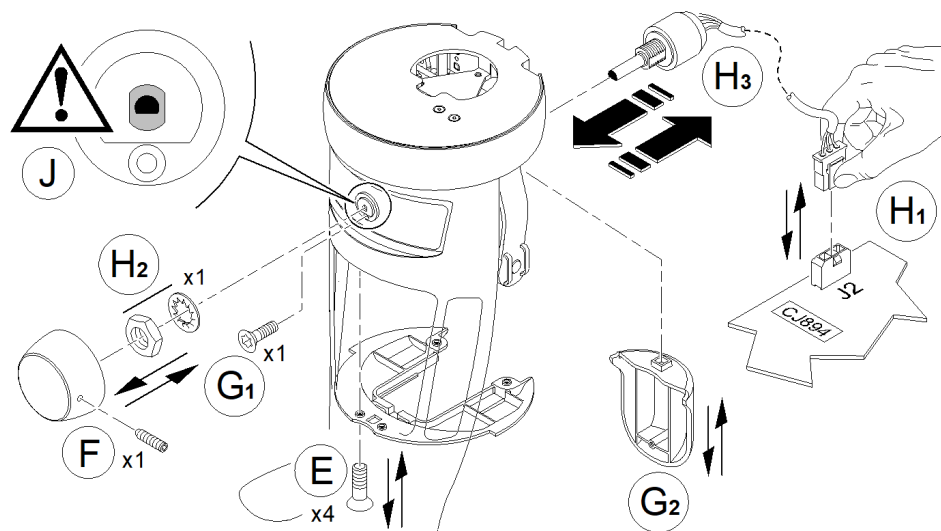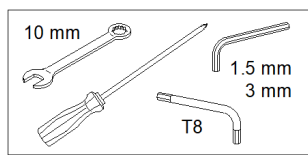1. Disconnect the CPA92-2 cable from the CPB43 cable on the top of the unit head. Ⓐ

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2. Slide off the plastic cover. (B)

3. Gently lift up the CPA92-2 cable (1) and push it down through the support bracket. (C)

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4.   Remove the three screws Ⓓ, then remove the head and chin rest.

5.   Remove the four screws Ⓔ, then remove the retaining bracket.

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6. Remove the headless screw, then remove the temple support adjustment knob. (F)

7. Remove the screw (G₁),   then remove the plastic shell. (G₂)

8. Disconnect the potentiometer cable from the CJ894 board. (H₁)

9. Remove the nut and washer. (H₂)

10. Remove the potentiometer. (H₃)

> ⚠️ **Important: Make a note that the flat shaft of the potentiometer faces down** (J) **.**

3. Replacing the Potentiometer

To replace the potentiometer, follow these steps:

1. Insert the potentiometer. (H₃)

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> ⚠ **Important: Make a note that the flat shaft of the potentiometer faces down** Ⓙ .

2.   Replace the nut and washer. (H₂)

3.   Connect the potentiometer cable to the CJ894 board. (H₁)

4.   Place the plastic shell (G₂) , then insert and tighten the screw. (G₁)

5.   Place the temple support adjustment knob, then insert and tighten the headless screw. (F)

6.   Place the retaining bracket, then replace the four screws. (E)

7.   Hold the head and chin rest below the support bracket.

8.   Push the CPA92-2 cable up through the support bracket (1) and gently pull it out at the top of the head.

9.   Position the head and chin rest on the support bracket. (D)

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> ⚠ **Important: Make sure that you DO NOT trap the CPA92-2 cable between the head and chin rest and the support bracket.**

10. Insert and tighten the three screws. (D)

11. Replace the plastic cover. (B)

12. Gently pull the CPA92-2 cable up at the top of the head (1), then connect it to the CPB43 cable. (A)

13. Switch on the circuit breaker in the electrical cabinet.

14. Switch on the unit.

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4. Testing the Potentiometer

To test the potentiometer, follow these steps:

1. Press on the positioning panel to check the up and down movement of the head.
2. Turn the temple support adjustment knob to check the open and close movement of the templesupports.

3. Using the Service Tools:
   - Run the post installation procedure.
   - Register the intervention.

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