



RN-SPCGJ79

Replacing the Head Positioning Mechanism for the Cephalostat



WARNING: Before removing the covers, you **MUST** switch **OFF** the unit **AND** disconnect the unit from the main power supply by switching **OFF** the circuit breaker in the electrical cabinet.

ONLY an approved Carestream technician is qualified to inspect or maintain the unit while it is switched on and while the covers are removed. In this case, **NO** unqualified person must approach the unit.

Description

The head positioning mechanism for the cephalostat enables the patients to be correctly positioned for different radiological examinations.

Removing the Head Positioning Mechanism for the Cephalostat

Tool Requirements

You must supply the following tools:

- Metric allen keys.
- Metric spanners.
- Flathead screwdriver.
- Threadlocker glue.
- Cephalometric Modality technician toolkit.



Note: The tool references mentioned in this guide are ISO tool references.

Before Removing or Replacing the Head Positioning Mechanism for the Cephalostat

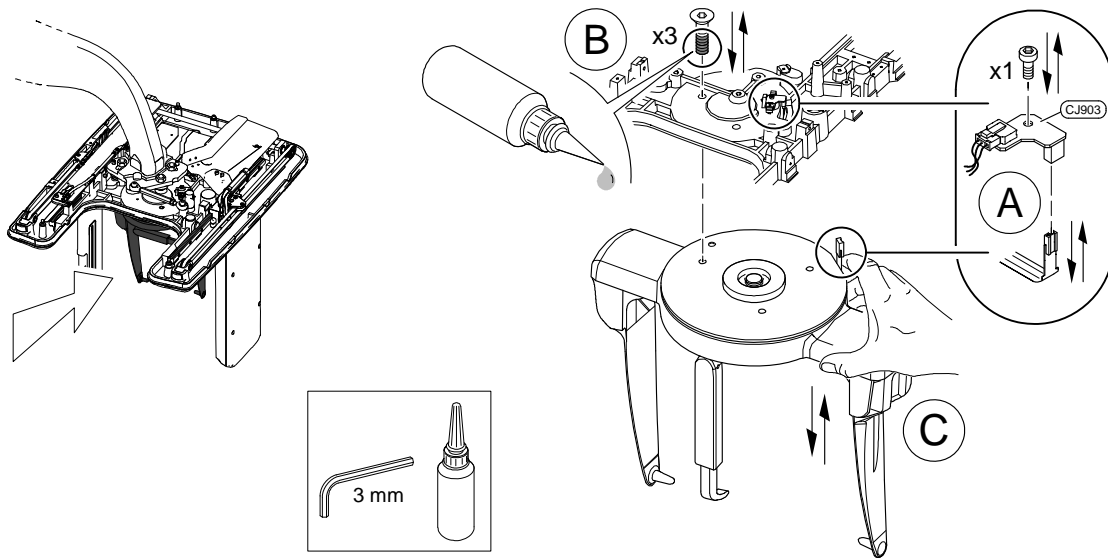
Before removing or replacing the head positioning mechanism for the cephalostat make sure that:

- 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 cephalostat top covers are removed.
 - You have the required tools.
 - You have the appropriate new head positioning mechanism.
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Removing the Head Positioning Mechanism

To remove the head positioning mechanism, follow these steps:

1. To remove the CJ903 resistive track connector board (A):
 - Undo and remove the screw.
 - Disconnect the head clamp resistive track.
2. Hold the head positioning mechanism with one hand and remove the three screws from the top (B).
3. Bring the head positioning mechanism down and remove it (C).



Replacing the Head Positioning Resistive Track Assembly

To replace the head positioning resistive track assembly, follow these steps:

1. Position the head positioning mechanism so that the screw holes are aligned ^(C).



Important: Be careful not damage the head clamps or nasion support.

2. Put some threadlocker glue on all the three screws before you insert and tighten them ^(B).
3. To replace the CJ903 board ^(A):
 - Insert and tighten the screw.
 - Connect the head clamp resistive track.
4. Switch on the unit.

Testing the Head Positioning Mechanism

To test the head positioning mechanism, follow these steps using:

- The Service Tools For CS 8100 Family:

1. Calibrate the head clamps by running **Headclamp calibration** under **Full cephalometric procedure**.
Follow the on-screen instructions.
2. Under **Full cephalometric procedure**, run all the procedures starting from **Ear cones alignment**.
Follow the on-screen instructions.
3. Register the intervention.
See "[Registering the Intervention](#)".

- The Equipment Tool for CS 9600 with SC:

1. Calibrate the head clamps by running **Headclamp calibration** under **Full cephalometric procedure**.
Follow the on-screen instructions.
 2. Under **Full cephalometric procedure**, run all the procedures starting from **Ear cones alignment**.
Follow the on-screen instructions.
 3. Register the intervention.
See "[Registering the Intervention](#)".
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