

Replacing the Head Clamp Set 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 clamps on the cephalostat enable the correct positioning of the head of the patient for a radiological examination.

Removing the Head Clamp Set for the Cephalostat

Tool Requirements

You must supply the following tools:

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



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

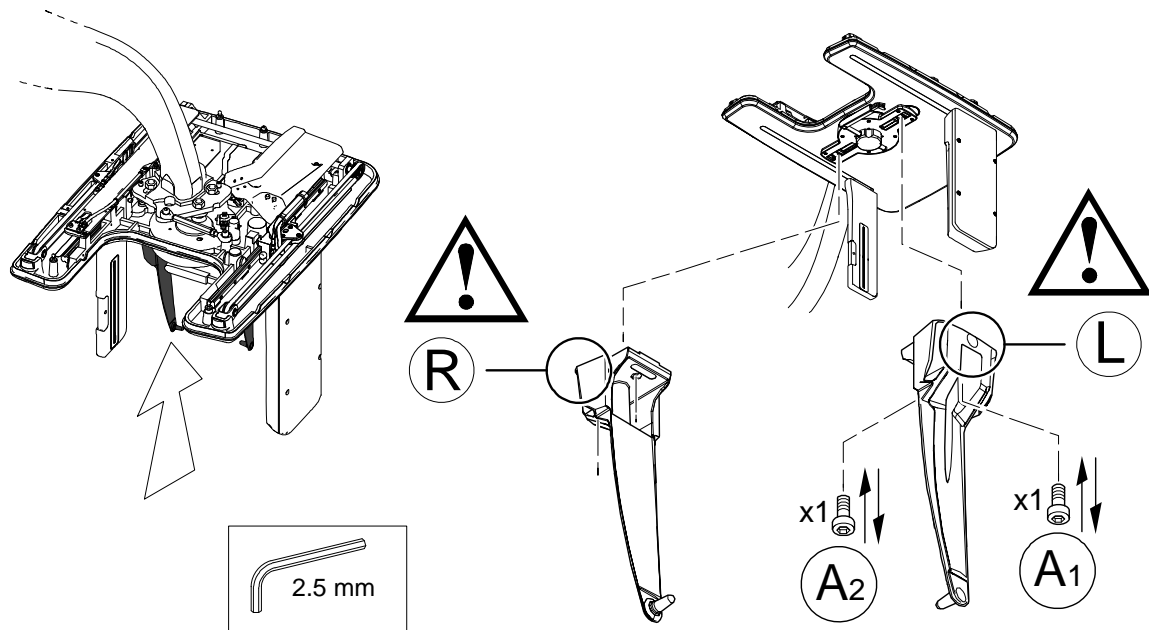
Before Removing or Replacing the Head Clamp Set

Before removing or replacing the head clamp set 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 resistive track, new circlip, new plastic ball, and new spring.
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To remove the head clamp set for the cephalostat, follow these steps:

1. Remove the two screws (A₁) (A₂) and the left head clamp (L).



2. Remove the two screws (A₁) (A₂) and the right head clamp (R).



Tip: Use an allen key tool with an extension to remove the outer screws as there is not much space to move a standard allen key.

Replacing the Head Clamp Set for the Cephalostat



Important: The head clamps are marked with R or L to indicate the side you attach them to.

To replace the head clamps set for the cephalostat, follow these steps:

1. Position the right head clamp **R** so the screw holes are aligned.
2. Insert and tighten the two screws **A₁** **A₂**.
3. Position the left head clamp **L** so the screw holes are aligned.
4. Insert and tighten the two screws **A₁** **A₂**.

Testing the Head Clamps for the Cephalostat

To test the head clamps, 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 instruction.
2. Run **Ear cones alignment** under **Full cephalometric procedure**.
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 instruction.
2. Run **Ear cones alignment** under **Full cephalometric procedure**.
Follow the on-screen instructions.
3. Register the intervention.
See ["Registering the Intervention"](#).

