

RN-SPJPB43

Replacing the Head Positioning Resistive Track



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 resistive track enables the head positioning mechanism to rotate.

Removing the Head Positioning Resistive Track

Tool Requirements

You must supply the following tools:

- Ring plier.
- 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.

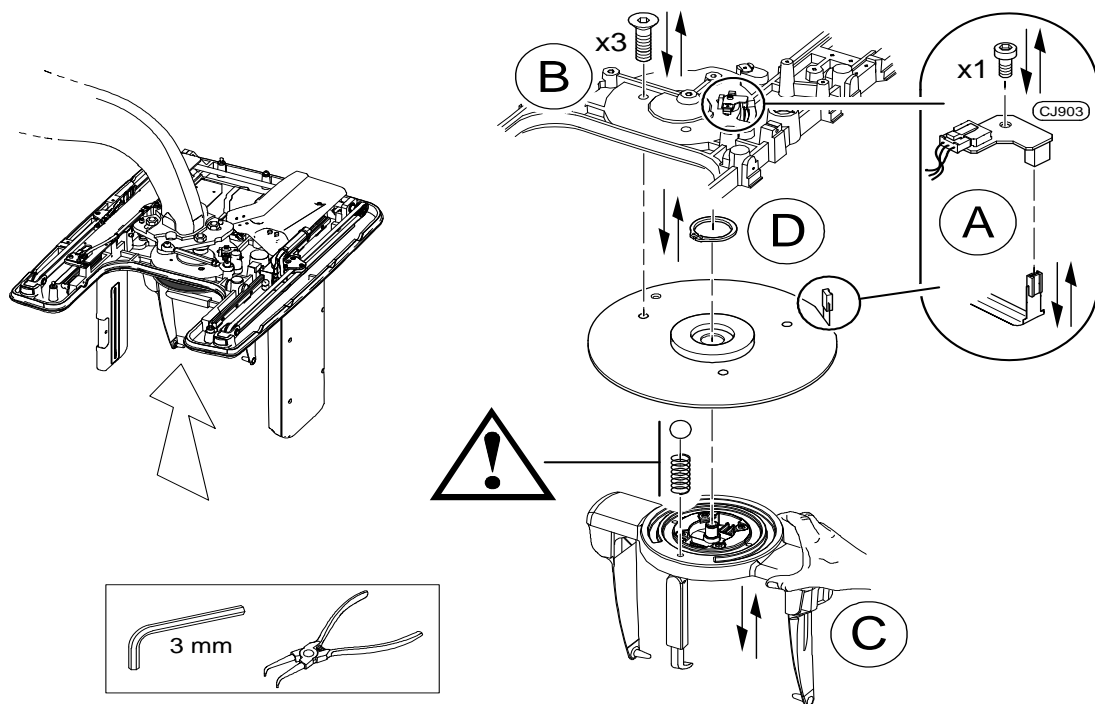
Before Removing or Replacing the Head Positioning Resistive Track

Before removing or replacing the head positioning resistive track 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 positioning resistive track, 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 (C).



4. Keep the head positioning mechanism upright and remove the circlip on the top of the head positioning mechanism before you remove the circular metal plate (D). Be ready with the other hand to catch the small plastic ball and spring.



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

Replacing the Head Positioning Resistive Track

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

1. Place the head positioning mechanism in an upright position and place the **new** spring in the hole and the **new** plastic ball on top (C).



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

2. Position the circular metal plate with the resistive track facing down.
3. Replace the **new** circlip on the top of the head positioning mechanism (D).
4. Put some threadlocker glue on all the three screws before you insert and tighten them (B).
5. To replace the CJ903 board (A):
 - Insert and tighten the screw.
 - Connect the head clamp resistive track.

Testing the Head Positioning Resistive Track

To test the head positioning resistive track, 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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