

Replacing the Cephalostat Drive Motor



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 cephalostat drive motor navigates and rotates the cephalostat sensor assembly.

Removing the Cephalostat Drive Motor

Tool Requirements

You must supply the following tools:

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



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

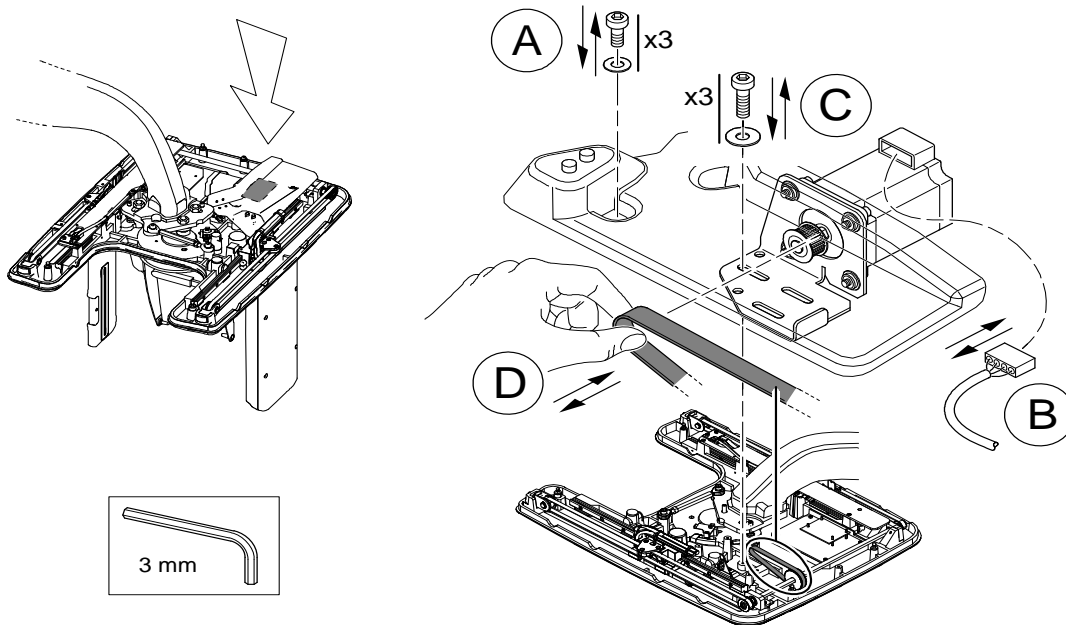
Before Removing or Replacing the Cephalostat Drive Motor

Before removing or replacing the cephalostat drive motor, 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 cephalostat drive motor.
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To remove the cephalostat drive motor, follow these steps:

1. Remove the three screws and lift off the plastic cable guide (A).



2. Disconnect the cable at the top of the cephalostat drive motor (B).
3. Remove the three screws and washers (C).
4. Pull and extend the belt before lifting off the cephalostat drive motor (D).

Replacing the Cephalostat Drive Motor

To replace the cephalostat drive motor, follow these steps:

1. Position the cephalostat drive motor so that the screw holes are aligned.
2. Pour some threadlocker glue into each hole before you insert and tighten the three screws and washers (C).
3. Re-attach the belt to the cephalostat drive motor (D).
4. Re-connect the cable to the top of the cephalostat drive motor (B).
5. Replace the plastic cable guide.
6. Insert and tighten the three screws (A).
7. Switch on the unit.

Testing the Cephalostat Drive Motor

To test the cephalostat drive motor, follow these steps using:

- The Service Tools For CS 8100 Family:

1. Calibrate the cephalostat drive motor by running **Consistency of acquisition range** under **Full cephalometric procedure**.
Follow the on-screen instructions.
2. Register the intervention.
See "[Registering the Intervention](#)".

- The Equipment Tool for CS 9600 with SC:

1. Run the Ceph Post installation
 2. Register the intervention.
See "Registering the Intervention".
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