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Replacing the CJ901 Motor Board 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.

1. Description

The CJ901 motor board controls the power supply to the cephalostat motor and is delivered with the CJ848 motors microprocessor board attached.

2. Removing the CJ901 Motor Board for the Cephalostat

Tool Requirements

You must supply the following tools:

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

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

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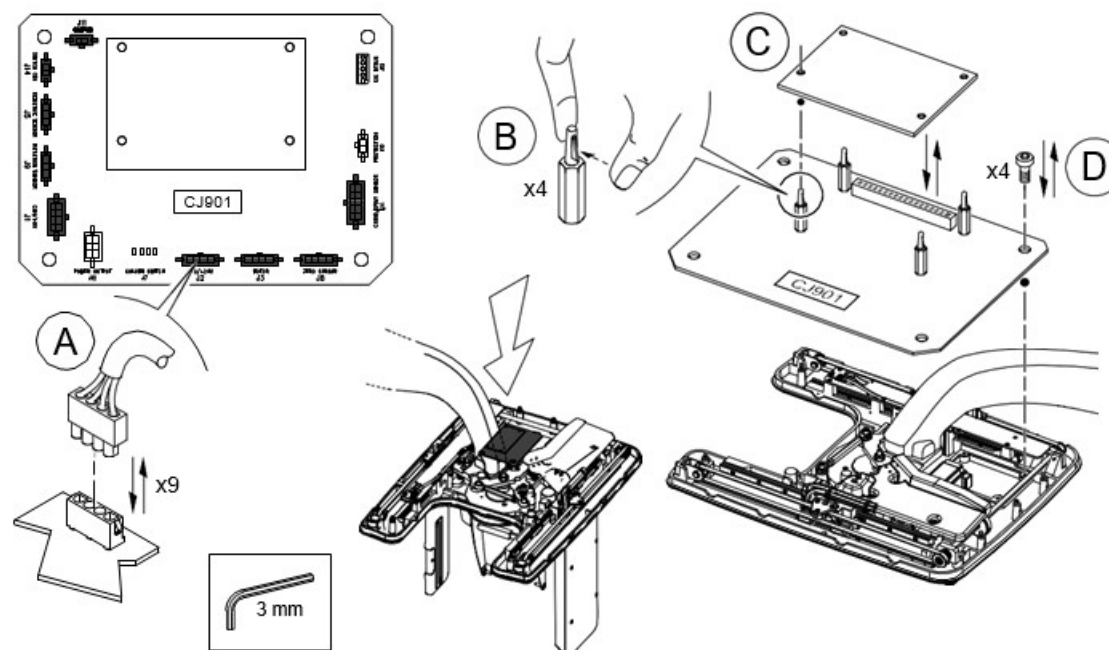## Before Removing or Replacing the CJ901 Motor Board for the Cephalostat

Before removing or replacing the CJ901 motor board, 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 CJ901 motor board with the CJ848 microprocessor board attached

To remove the CJ901 motor board for the cephalostat, follow these steps

1. Disconnect the nine cables from the board (A)   .

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2. Press on the four fasteners (B) and remove the CJ848 board.(c)

> (i) **Note**: **The CJ848 board that you remove will be reattached to the new CJ901 motor board that you will replace.**

3. Undo the four screws (D) and remove the CJ901 motor board.

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3. Replacing the CJ901 Motor Board for the Cephalostat

To replace the CJ901 motor board for the cephalostat, follow these steps:

1. Position the CJ901 motor board close to the resistive track.

2. Insert and tighten the four screws (D) .

3. Remove the new CJ848 board (C) and keep it in a safe place.

4. Place the old CJ848 board on the four fasteners (B) and attach it by gently pushing it down . (C)

5. Connect the nine cables (A).

    Each cable is labelled with the reference number of the connector on the CJ901 motor board.

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4. Testing the CJ901 Motor Board for the Cephalostat

To test the CJ901 motor board for the cephalostat, follow these steps using the **Service Tools or Equipment Tools**:

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

> ⚠️ **WARNING: 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.**

2. Switch on the unit.

3. Register the intervention.

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