

GTEMP-0225 Rev 1

Replacing the CGD83B Motor Board



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.



Important:

For units with Serial Numbers **xxIMxxx** or **xxINxxx** or **xxILxxx**: Use a CJ856 board version 7 minimum.

1. Description

The CJ856 motor board controls the power supply to the motors and is delivered with the CJ848motors microprocessor board attached.

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2. Removing the CJ856 Motor Board

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 CJ856 Motor Board

Before removing or replacing the CJ856 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 head cover is removed.
- You have the required tools.
- You have the appropriate new CJ856 motor board.

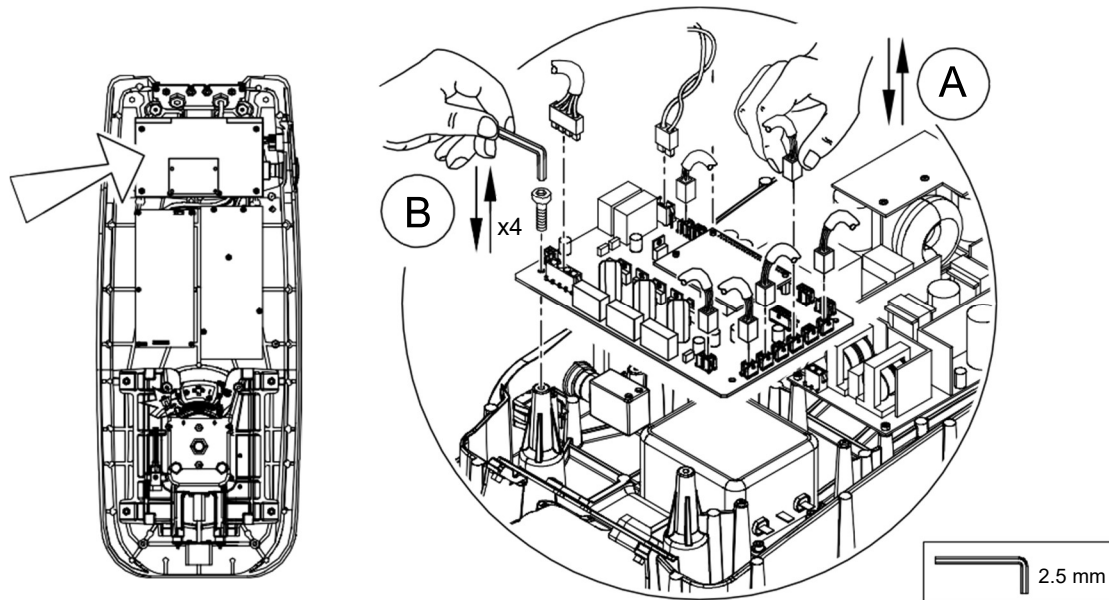
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To remove the CJ856 motor board, follow these steps:

1. Disconnect the cables from the CJ856 motor board. (A)
2. Remove the four screws. (B)
3. Remove the CJ856 motor board.

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3. Replacing the CJ856 Motor Board

To replace the CJ856 motor board, follow these steps:

1. Position the CJ856 motor board in place so that the CJ848 microprocessor board is furthest away from the column.
2. Insert and tighten the four screws. 
3. Connect the cables to their respective connector .

Each cable is labelled with the reference number of the connector on the CJ856 motor board.

4. Switch on the circuit breaker in the electrical cabinet.
5. Switch on the unit.
6. Using the **Service Tools**:

- Try to restore the system and calibration parameters



Important: If you cannot restore the system and calibration parameters, you must recalibrate the motors and save the system and calibration parameters.

- Recalibrate the motors:
 - Rotative arm calibration.
 - Head translation calibration.
 - Head rotation calibration.
 - Column translation calibration.
- Save the system and calibration parameters.

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4. Testing the CJ856 Motor Board

To test the CJ856 motor board, follow these steps using the **Service Tools**:

1. Run the post installation procedure.
2. Register the intervention.

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