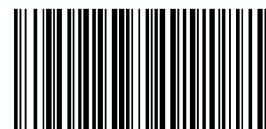


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Replacing the CJ889 Collimator Driver Board



RN-SPCJ889

Description

The CJ889 collimator driver board controls the power supply to the collimator motors.

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 CJ889 collimator driver board

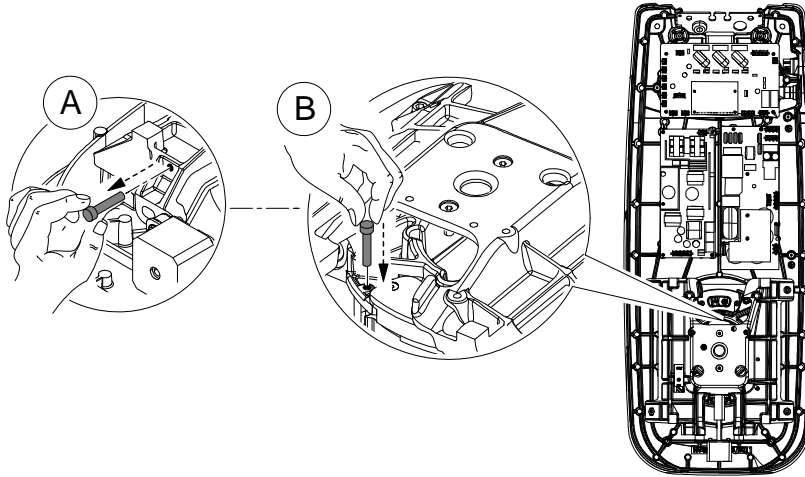
Before removing or replacing the CJ889 collimator driver board, make sure that:

- 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 rotative arm covers are removed.
- You have the required tools.
- You have the appropriate new CJ889 collimator driver board.

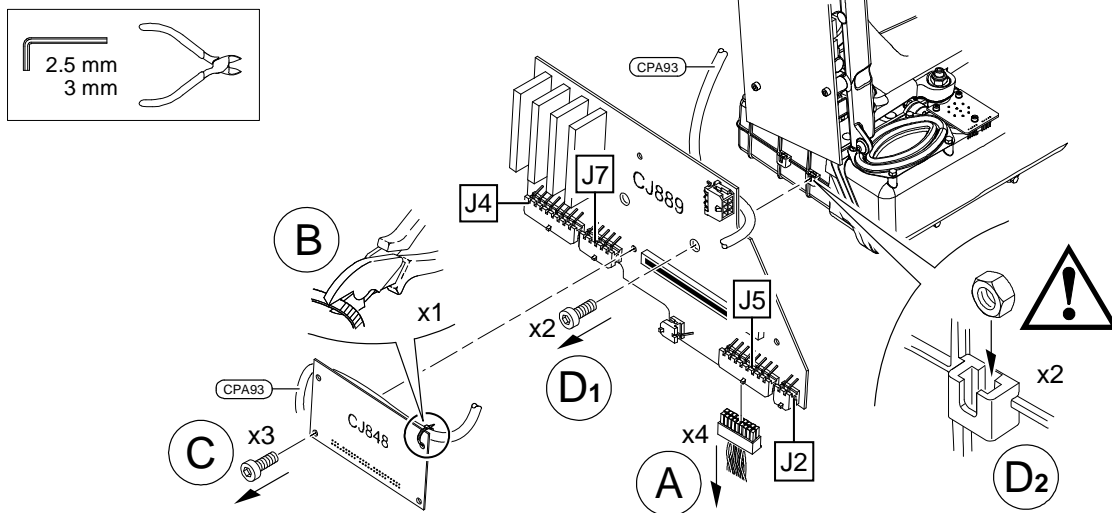
Removing the CJ889 Collimator Driver Board

To remove the CJ889 collimator driver board, follow these steps:

1. Block the rotative movement by placing the pin (A) in the slot on the left of the metal access plate (B) that covers the CJ857 movement detector board.



2. Disconnect the four cables from the CJ889 collimator driver board (A).



3. Cut and remove the cable tie (B).
4. Remove the three screws and carefully unplug the CJ848 microprocessor board (C) from the CJ889 collimator driver board.
5. Remove the two bolts and the CJ889 collimator driver board (D₁).



Important: After you remove the two bolts, the two nuts will remain in the nut cages (D₂).

Replacing the CJ889 Collimator Driver Board

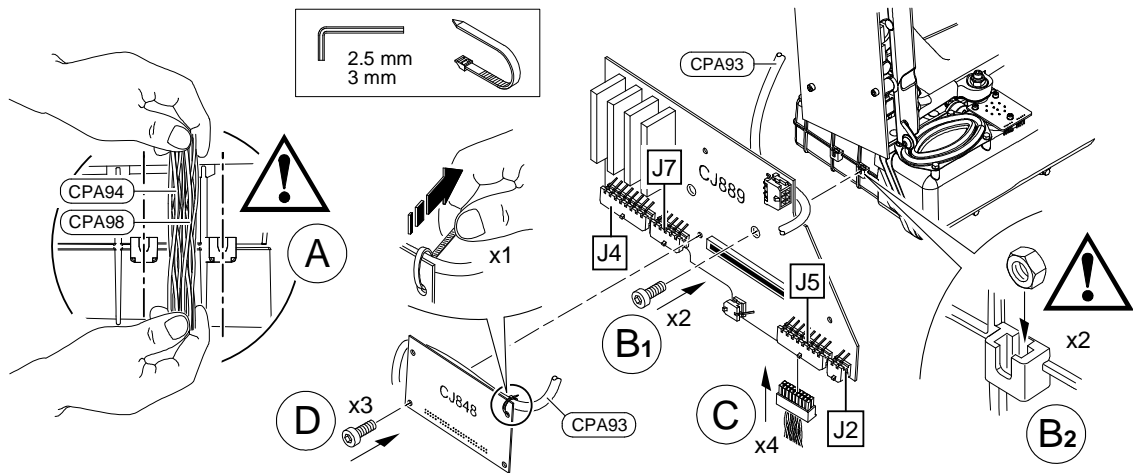
Before replacing the CJ889 collimator driver board, make sure that you have the appropriate CJ889 collimator driver board.

To replace the CJ889 collimator driver board, follow these steps:

1. Position the new CJ889 collimator driver board and tighten the two bolts (B₁) to the two nuts in the nut cages (B₂).

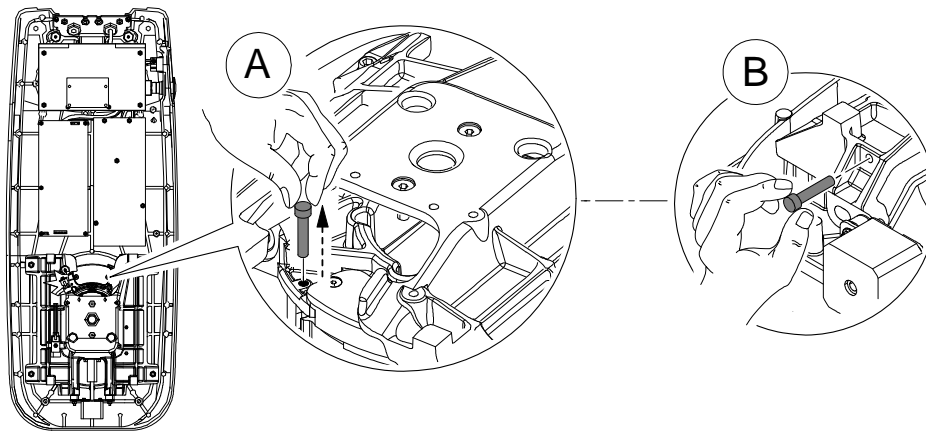


WARNING: To avoid damaging the CPA94 and CPA98, ensure that you **DO NOT** trap them when you tighten the bolts to the nuts (A).



2. Replace the four connectors (J2, J4, J5, and J7) to the CJ889 collimator driver board (C).
Each cable is labelled with the reference number of the connector on the CJ889 collimator driver board.
3. Carefully plug the CJ848 microprocessor board to the CJ889 collimator driver board (D).
4. Insert and tighten the three screws and replace the cable tie (D).

5. Remove the pin blocking the rotative movement **(A)** and put it back in its storage position **(B)**.



6. Switch on the circuit breaker in the electrical cabinet.
7. Switch on the unit.

Testing the CJ889 Collimator Driver Board

To test the CJ889 collimator driver board, follow these steps using the **Service Tools**:

1. Run the post installation procedure.
2. Register the intervention.
See [“Registering the Intervention”](#) on page 46.