⧉ **CRESTRON**

Description

The Crestron® QMT shade motors, CSM-QMTDC-163 series, CSM-QMTDC-250 series, and CSM-QMTDC-275 series, are easily replaceable. Refer to the procedure that follows for details.

Additional Resources

Visit the product page on the Crestron website (www.crestron.com) for additional information and the latest firmware updates. Use a QR reader application on your mobile device to scan the QR image.

Important Notes

CAUTION: Roll up the fabric to prevent damage while replacing the motor.

NOTE: A soft and clean work surface is required to perform this procedure.

NOTE: Remove the fascia and disconnect the motor cable before performing this procedure.

Remove the Roller Shade Assembly

Remove the CSM-QMTDC-163 series, CSM-QMTDC-250 series, or CSM-QMTDC-275 series motor from the mounting brackets:

1. Remove the old motor from the motor mounting bracket.
   - For a CSM-QMTDC-163 series motor, press the release button on the bottom of the shade motor.
   - For a CSM-QMTDC-250 series or CSM-QMTDC-275 series motor, squeeze the two metal release clips next to the shade motor.
2. Push the roller shade assembly towards the idler bracket to separate the motor from the bracket. The idler pin compresses to allow the motor end to swing out of the bracket.
3. Lift the idler end of the roller shade assembly and remove the idler pin from the keyhole in the idler bracket.
4. Place the roller shade on a soft and clean surface where it will not be damaged.

Remove the Old Motor

Remove the old motor from the tube.

NOTE: Do not remove the motor by pulling on the control wire.

- For CSM-QMTDC-163 series and CSM-QMTDC-250 series motors, pull the motor head to remove it from the tube.

   NOTE: The CSM-QMTDC-250 series motor may require a firm, hard pull.

- For CSM-QMTDC-275 series motor, roll the fabric around the hembar to expose the tube. Next, remove the four screws from the tube. Then, pull the motor head to remove it from the tube.

Install the New Motor

NOTE: Limits need to be set after installation. Refer to the Digital QMT Shade Motor Programming Guide (Doc. 7437) for details.

To install the CSM-QMTDC-163 series and CSM-QMTDC-250 series motors:

1. Fully insert the new motor into the tube. The tube is designed so that the motor can be inserted in only one orientation.
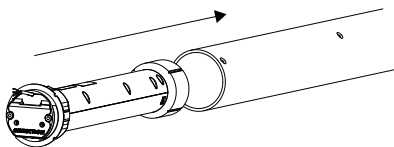
   NOTE: The CSM-QMTDC-250 series motors will snap in place. Gently pull to ensure that the motor is properly secured in the motor tube.

3. Install the shade assembly according to the mounting bracket's installation guide.

   NOTE: Limits need to be set after installation. Refer to the Digital QMT Shade Motor Programming Guide (Doc. 7437) for details.
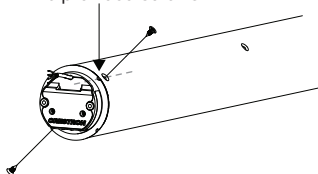
To install the CSM-QMTDC-275 series motors:

1. Insert the motor into the tube.

2. Ensure that a cusp on the motor crown aligns with the first screw hole in the roller tube. The cusp should be no further than 1/4 in (7 mm) off center of the screw hole. Ensure that the motor head is flush with the roller tube.

2. Use a Phillips tip screwdriver and two supplied screws to secure the motor crown to the tube. Do not overtighten.
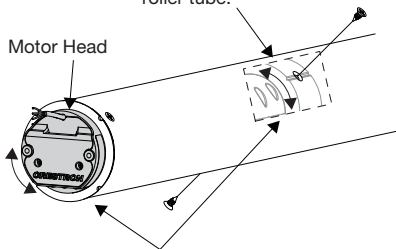
Align the cusp with the screw hole and secure with the provided screws

3. Rotate the motor head so that the groove in the motor is shown through the second screw hole in the roller tube.

4. Use a Phillips tip screwdriver and two supplied screws to secure the motor head to the tube. Do not overtighten.

Motor assembly shown through a cutout in the roller tube.

Motor Head

Rotate the motor head until the groove is visible through the screw hole, and then install the screws.

Reinstall the Shade Assembly

After the motor has been fully installed, roll the fabric back onto the tube (if applicable), and then install the shade assembly according to the mounting bracket's installation guide.

NOTE: Limits need to be set after installation. Refer to the Digital QMT Shade Motor Programming Guide (Doc. 7437) for details.