



Q7ME CxSM REPLACEMENT KIT SEDEO ERGO - RECLINE



Please read these instructions carefully before beginning the installation. Failure to understand and follow installation instructions may result in injury to installer and/or end user and may void the warranty. If you have any questions call Sunrise Medical Technical Support at 800-333-4000.

CxSM mounting parts:

1. 1 ea CxSM
2. 2 ea Cable-tie

Tools needed:

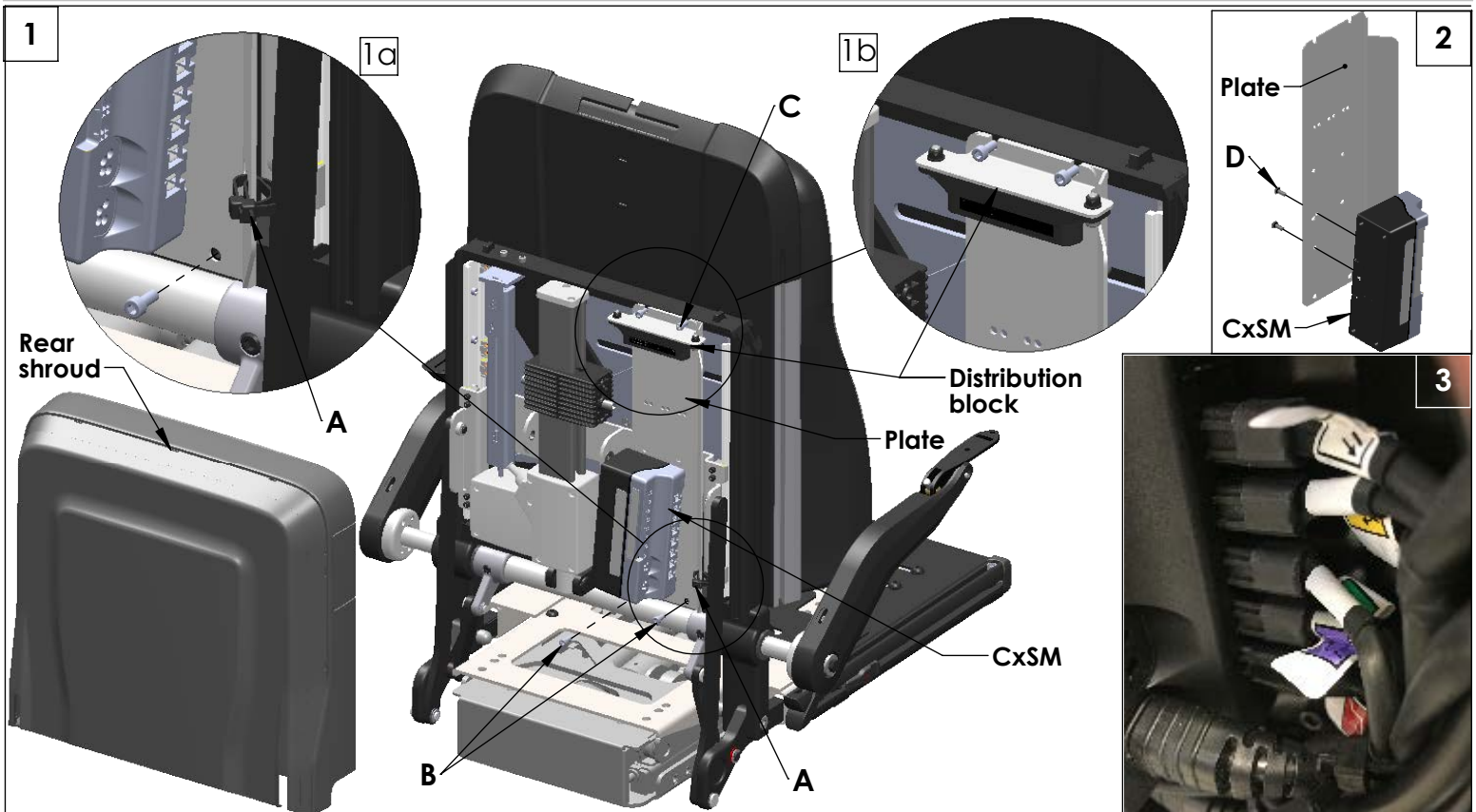
1. 3mm hex key
2. 4mm hex key
3. Wire cutter
4. Torque wrench

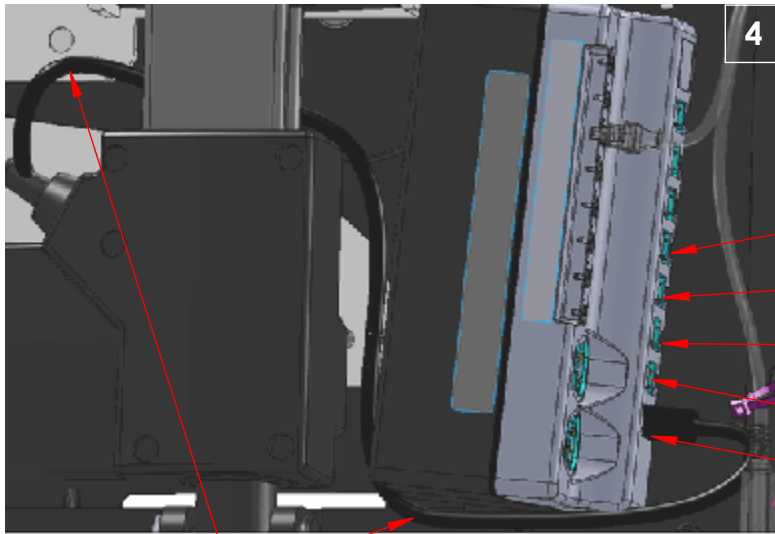
A. Removing the CxSM: 1 2 3

1. Remove the rear shroud by detaching the Velcro® at the sides and lifting off from the blocks at the top of the frame.
2. With the wire cutter cut the cable-tie (A) holding the wires to the plate, Detail 1a.
3. Unplug all the wires from the CxSM. Note positions, ensure that the labels on the wires are not disturbed, Fig 3.
4. Using the 4mm hex key remove the 2 screws (B) at the bottom of the plate holding the CxSM, Fig 1. Set screws aside.
5. Loosen the 2 screws (C) at the top of the plate then slide the plate with the CxSM attached to it down and away from the chair. The distribution block will come away also, let it hang free for now, Detail 1b.
6. Using the 3mm hex key remove the 2 screws (D) from the back of the plate, Fig 2. Set screws aside.

B. Installing the CxSM: 1 2 3 4 5 6 7

1. Install the new CxSM to the plate using the saved 5mm screws (D), Fig 2. Make sure the CxSM is facing in the correct direction. Torque to 2.3 - 2.7 ft-lbs (3.1 - 3.7Nm).
 2. Slide the plate behind the top loosened screws (C), make sure you include the distribution block also, Detail 1b. Torque to 2.3 - 2.7 ft-lbs (3.1 - 3.7Nm).
 3. Reinstall the 2 bottom screws (B). Torque to 2.3 - 2.7 ft-lbs (3.1 - 3.7Nm).
 4. Plug the bottom row of harnesses into the CxSM first in this order: Leg Extend (white label) first, Leg Lift (yellow label) second, Lift (green label) third, Tilt (purple label) fourth, and Recline (red label) last, Fig 3 & 4.
 5. Plug in the inhibit harnesses (top row) in this order: Recline (label 1) first, Tilt or Tilt/Lift (label 2) second, and Leg (label 3) last, Fig 5. Inhibit 6 & 8 are optional. Make sure the graphic or number label on the wires matches the corresponding graphic or number labels on the CxSM.
- Note-** Not all chairs will have the same amount of wires. Yours may differ from the one shown, Figs 3, 4, & 5.
6. Ensure that the wires are tucked in out of the way, Fig 6 & 7.
 7. Use supplied cable-tie (A) to secure recline, tilt/lift and leg harnesses to the plate, Detail 1a and Fig 7.
 8. Last plug in the bus harnesses, then tuck them inside of the recline bracket. Use supplied cable-tie to secure all the bus harnesses to leg, or recline, or tilt, or tilt/lift harnesses just below the first cable-tie (doesn't need to tie to the plate). Fig 6 & 7.
 9. Reference Ergo Seat owner's manual, page 25, for setting memory position. Reset to manufacturer default.
 10. Reinstall the rear shroud by lining up the shroud to the blocks on the top of the frame, then push it into the Velcro® at the sides.

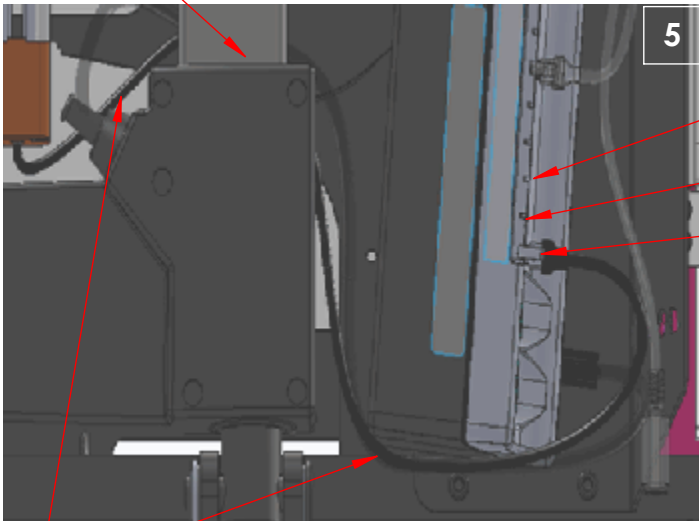




- LEG EXTEND (White)
- LEG LIFT (Yellow)
- LIFT (Green)
- TILT (Purple)
- RECLINE (Red)

Actuator

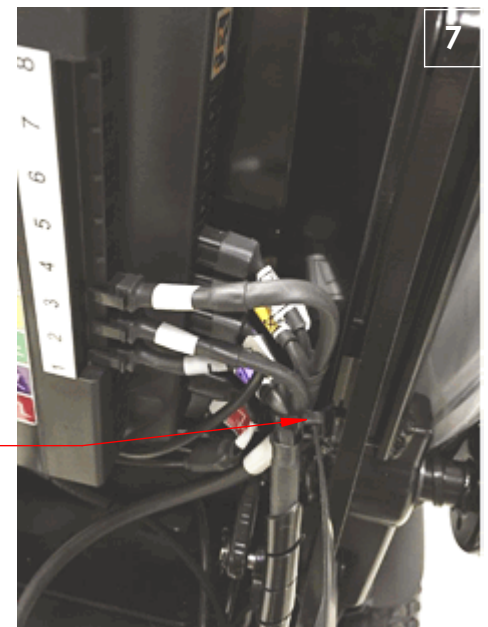
Route Recline Actuator Harness behind actuator and below CxSM. Connect to actuator port 1.



- LEGS (3)
- TILT or TILT/LIFT (2)
- RECLINE (1)

Route Recline Potentiometer Harness behind actuator and below CxSM. Connect to inhibit.

Cable-tie all component harnesses, except recline inhibit, along with the actuator harness together to prevent actuator harness from being pinched.



C. Inspect:

1. Seating system to ensure all wire harnesses are out of the way and are not getting pinched.
2. Seating system to verify that the harnesses are not put under tension in any position.
3. Ensure that the cable-ties are not so tight that they deform cable jackets.
4. Where possible cables should be protected and hidden by shrouds.
5. Check all torque values with a torque wrench.