



CxSM TTILT/LIFT COMBO HARNESS ROUTING



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.

Included Parts:

- 1. 1 ea Track Harness
- 2. 4 ea Zip-tie

Tools needed:

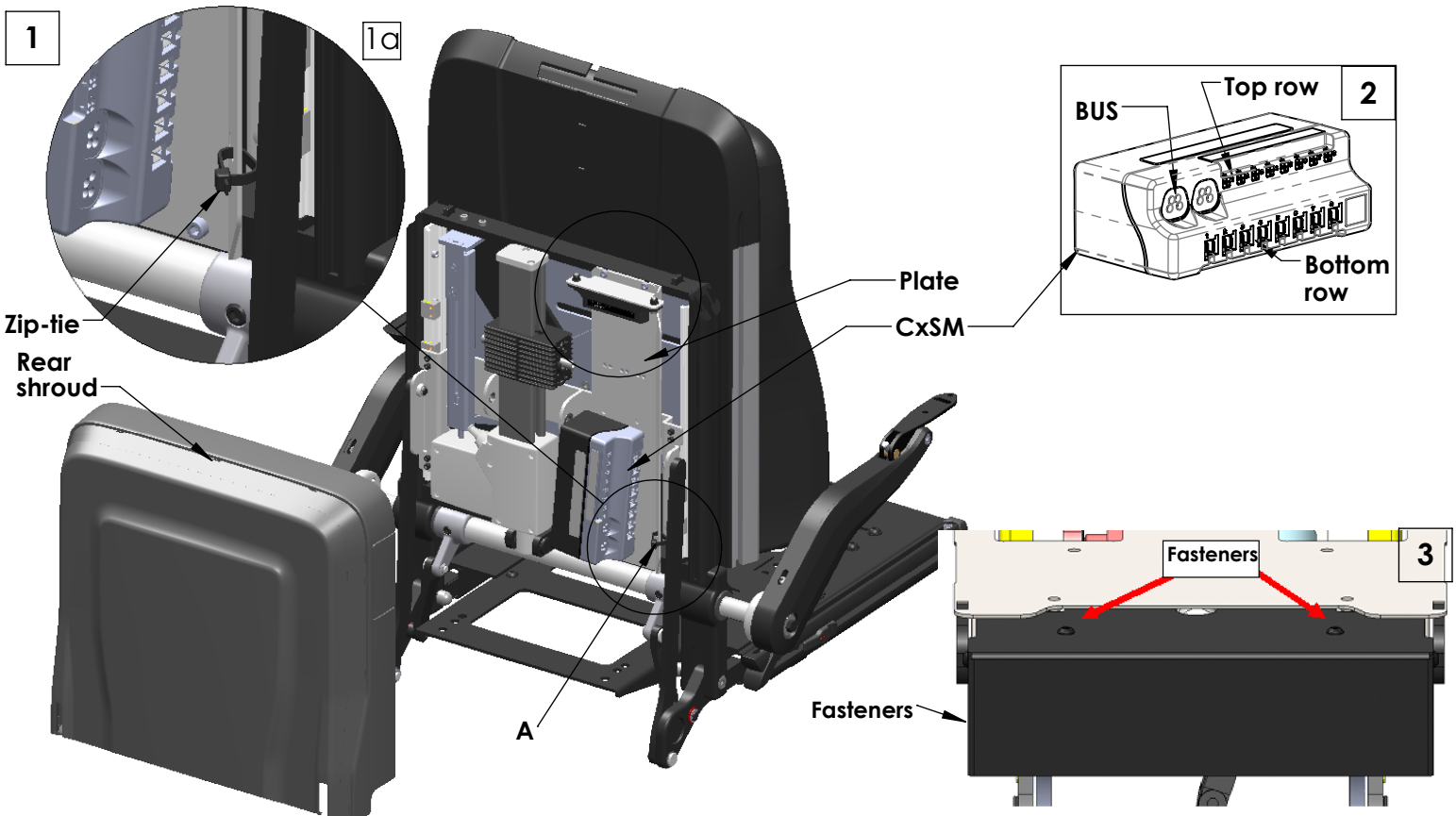
- 1. Wire cutter
- 2. 3mm Hex key
- 3. Screw driver

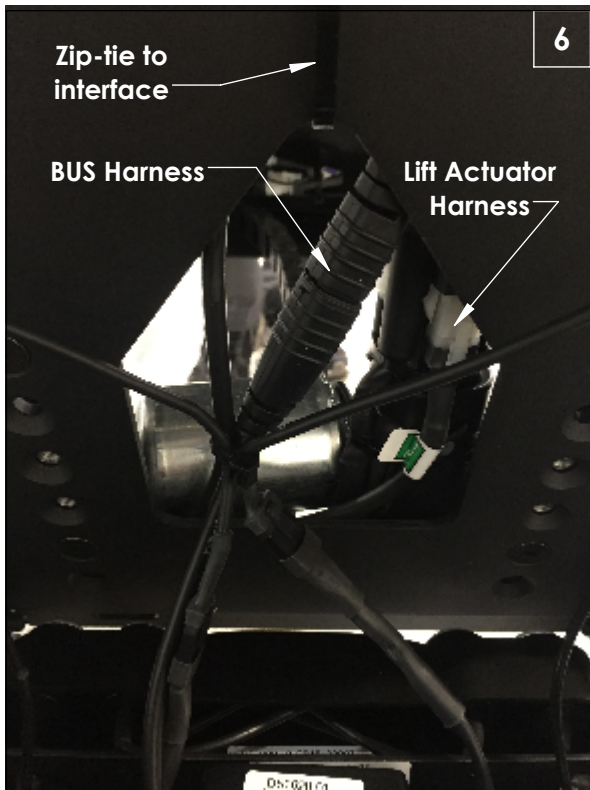
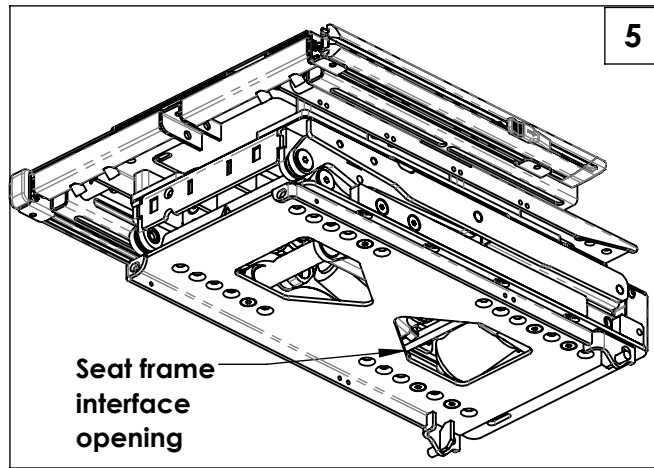
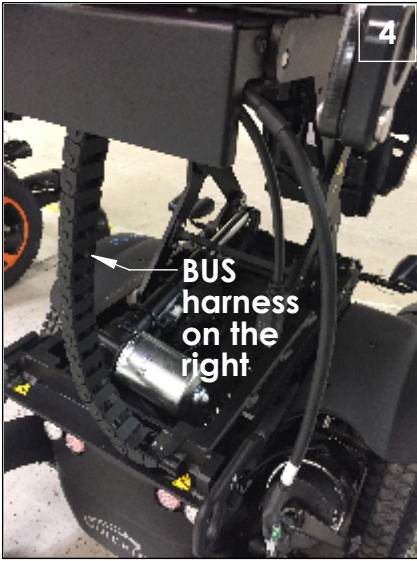
A. Preparing for installation:

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. Cut the zip-tie (A) holding the wires to the plate, Detail 1a.
3. Lift the module up 4" or more to access the base harness.
4. Unplug all the wires from the top and bottom rows of the cxsm. Ensure that the labels on the wires are not disturbed. Fig 2.
5. Use the 3mm hex key to remove the cover from the Lift/Tilt module. Fig 3.
6. Cut zip-tie on Fig 9, unplug tilt connector.
7. Unscrew thumb screw on the front post and lift the seat to access the seat interface, Fig 5.
8. Unplug lift actuator, then plug the new lift actuator and connect to the cxsm.
9. Unplug the new lift connector. Power up the control and lift the seat 3 - 4" for access. Then unplug the new Lift connector, put the seat back down and tighten the thumb screws.
10. Cut zip-tie and unplug the rest of track harnesses, Fig 7.
11. Remove the track harness by unsnapping the track on both ends, use the screwdriver.

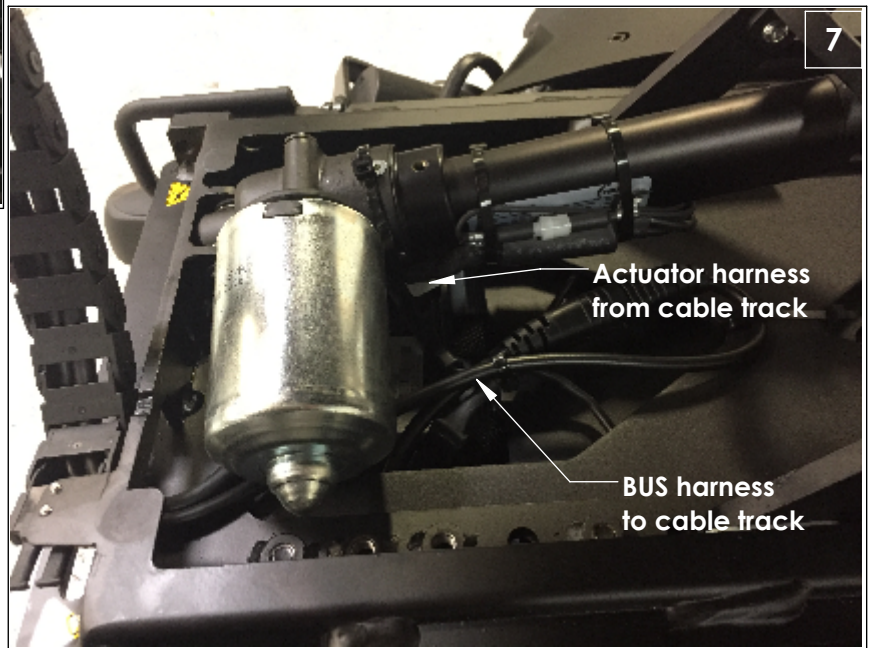
B. Installing the Harness:

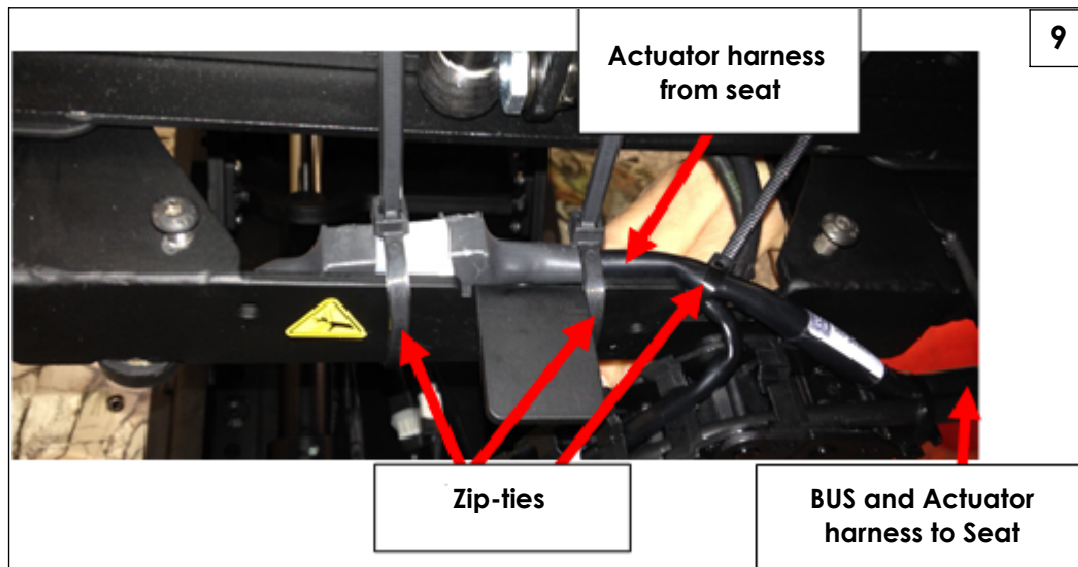
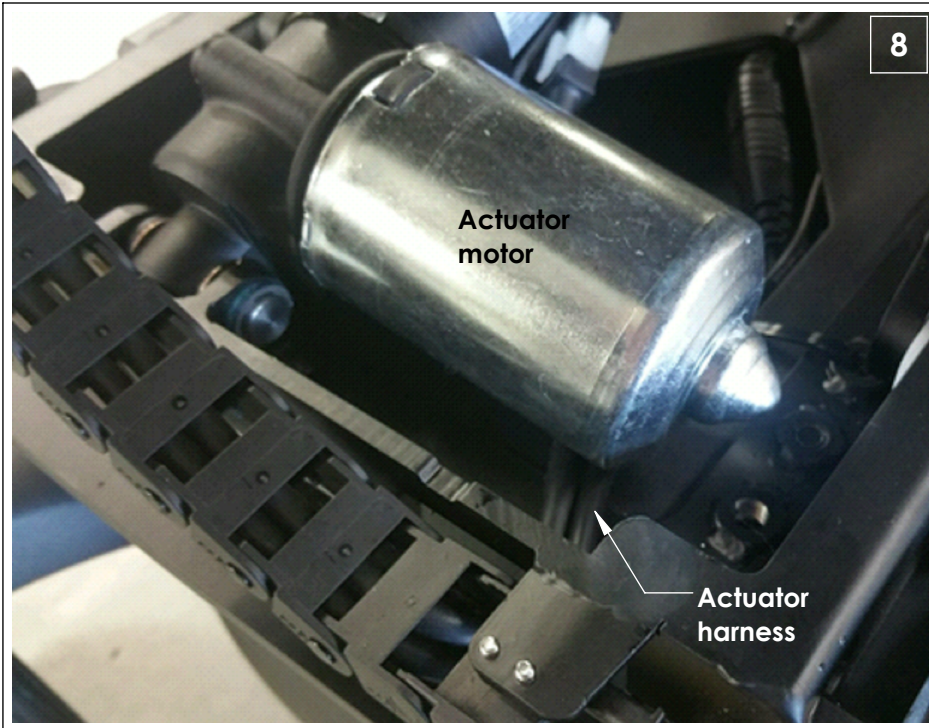
1. Install the new track first, Fig 4, by snapping the links back.
2. Ensure that BUS harness is always on the right, Fig 4.
3. Route actuator harness under the actuator motor, Fig 8.
4. Zip-tie the harness to the bottom of the interface, See Fig 7 for routing instructions.
5. Plug in tilt connector and zip-tie harness. Fig 8 & 9. Put the cover back on, Fig 3.
6. 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. Then 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. 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. Figures 10, 11, & 14.
7. Ensure that the wires are tucked in out of the way, Fig 12.
8. Use supplied zip-tie (A) to secure wires to the plate. Do not zip-tie Recline Position 1 top row. Detail 1a, 12, & 13.
9. Reinstall the rear shroud by lining up the shroud to the blocks on the top of the frame and then pushing into the Velcro® at the sides.

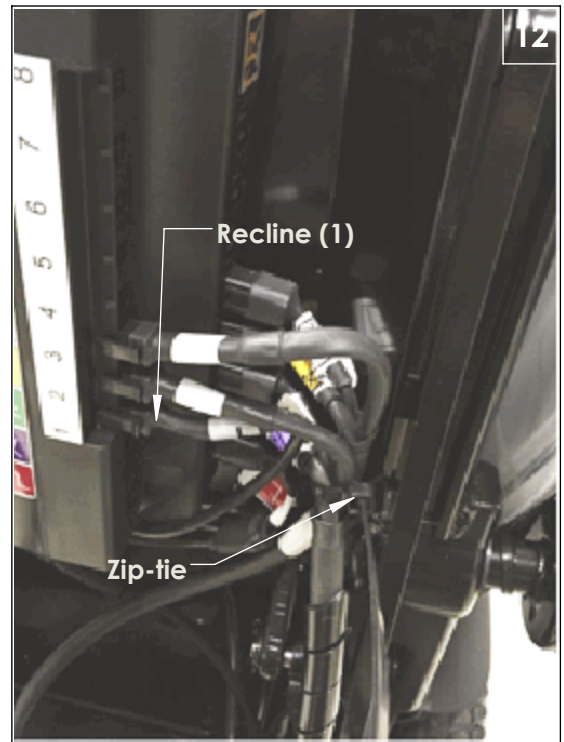
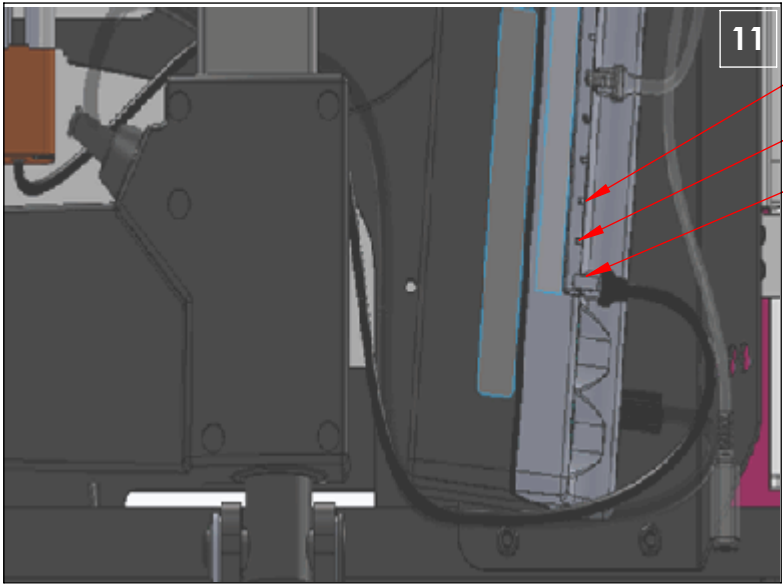
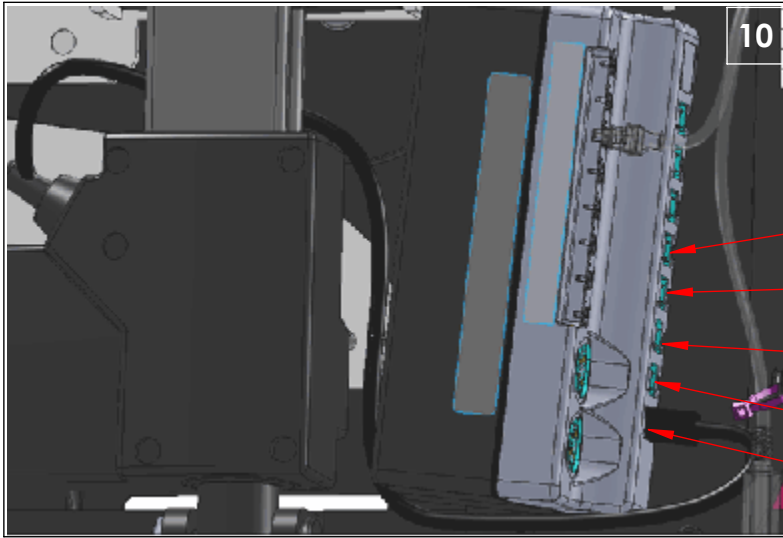




Power/Inhibit harness from base must be placed on the side of the actuator to avoid interference w/interface and cross brace. The connector should be above the ferrite.







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