

# TB3 Tilt Actuator Replacement



**QUANTUM**<sup>®</sup>

#1 FOR REHAB POWER

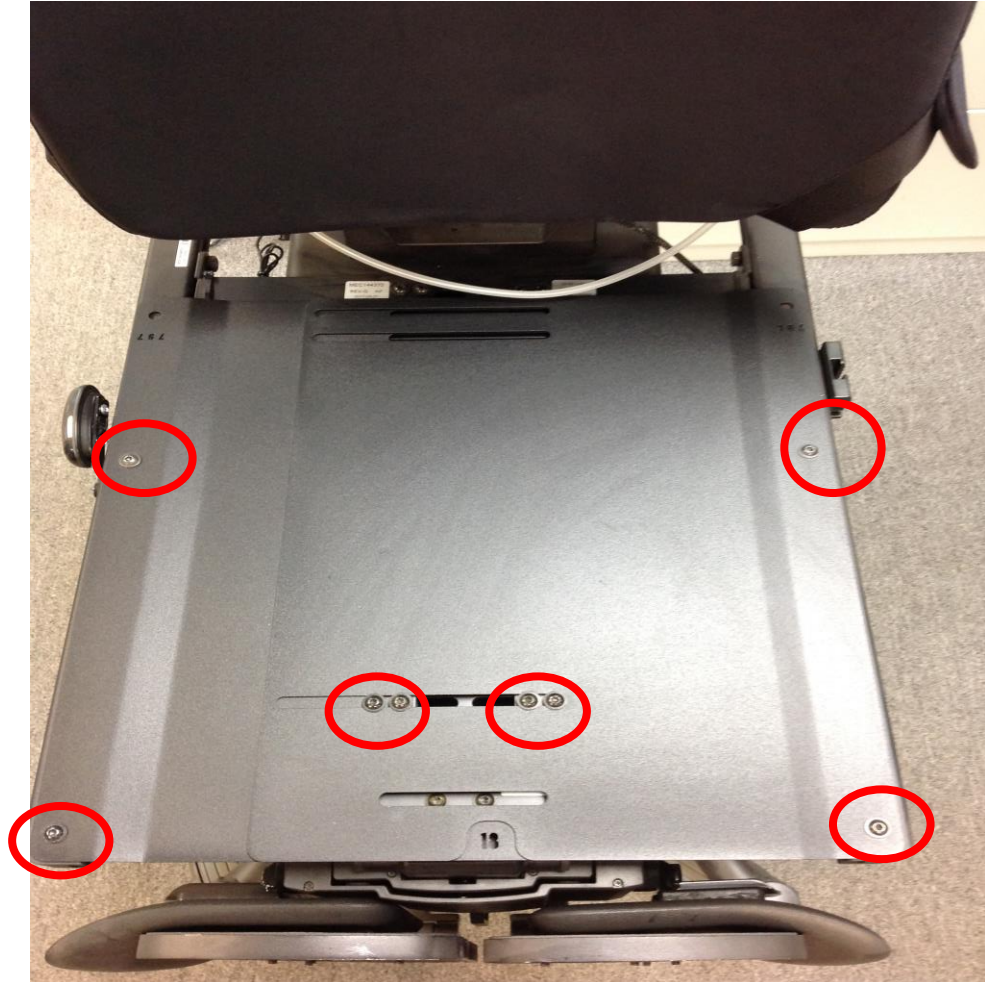
# TB3 Tilt Actuator Replacement

Elevate the iLevel all the way up.



# TB3 Tilt Actuator Replacement

- Remove the (8) 4mm seat pan screws.





# TB3 Tilt Actuator Replacement

- Strap the front of the seat frame down to the tie down brackets.



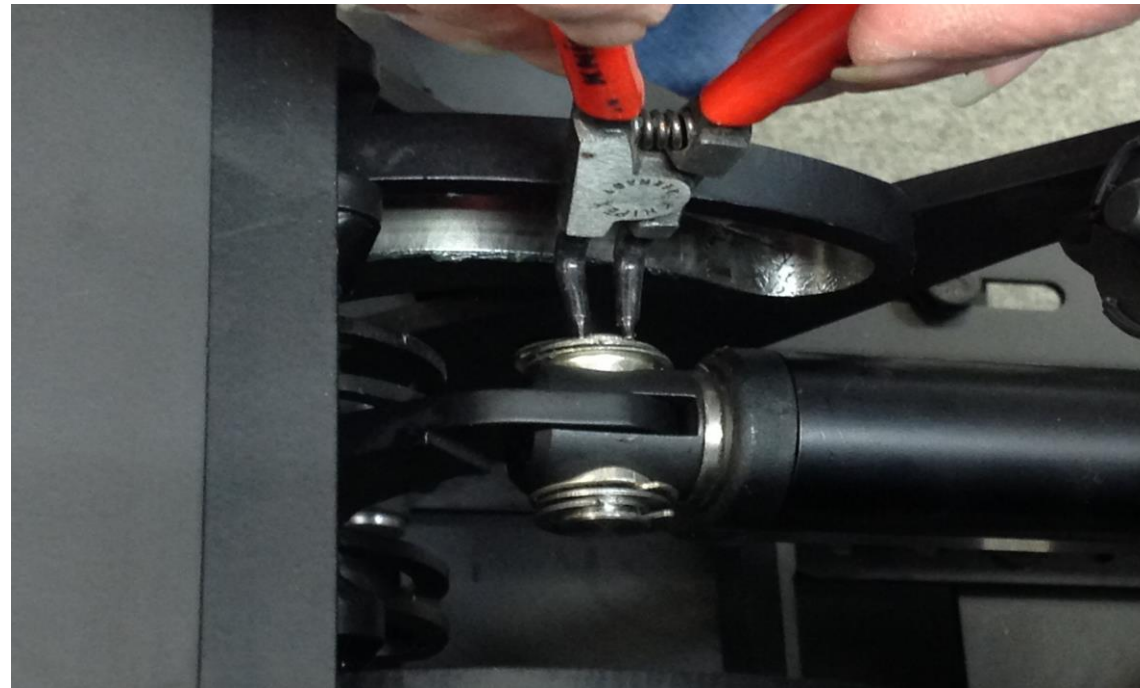
# TB3 Tilt Actuator Replacement

- Locate the front of the clevis pin on the tilt actuator.

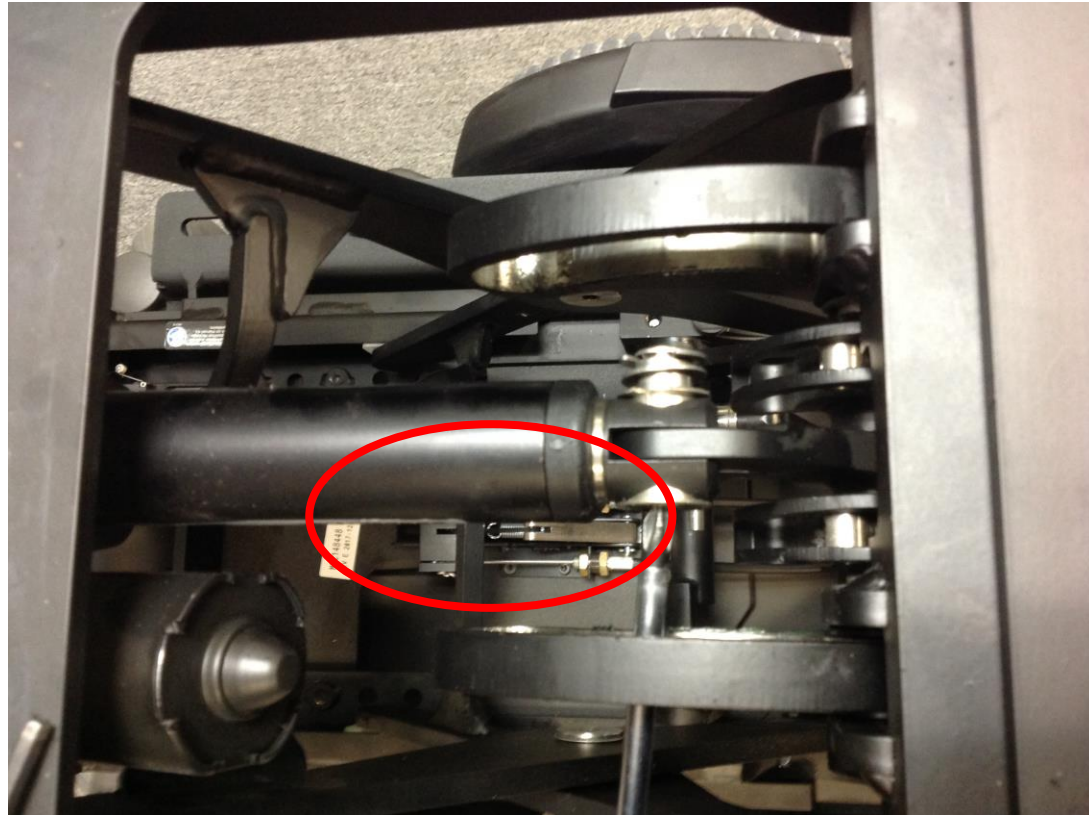


# TB3 Tilt Actuator Replacement

Remove the split ring and washer from the clevis pin using a snap ring pliers or two flat head screw drivers.



# TB3 Tilt Actuator Replacement



Tap the clevis pin out with a long screw driver & hammer.





# TB3 Tilt Actuator Replacement

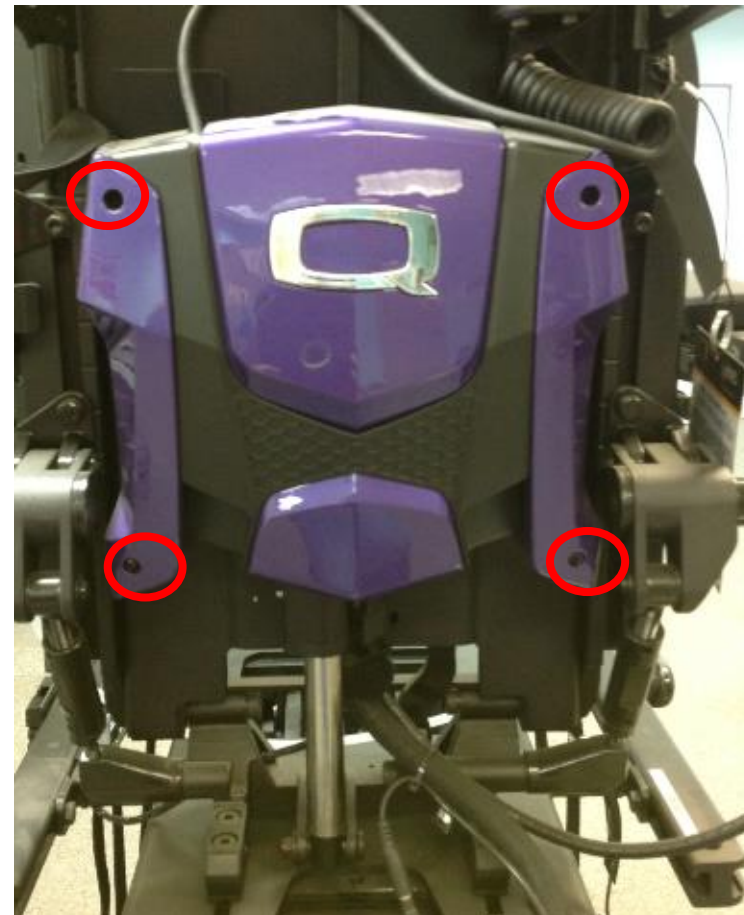
Let the front of the tilt actuator drop down.





# TB3 Tilt Actuator Replacement

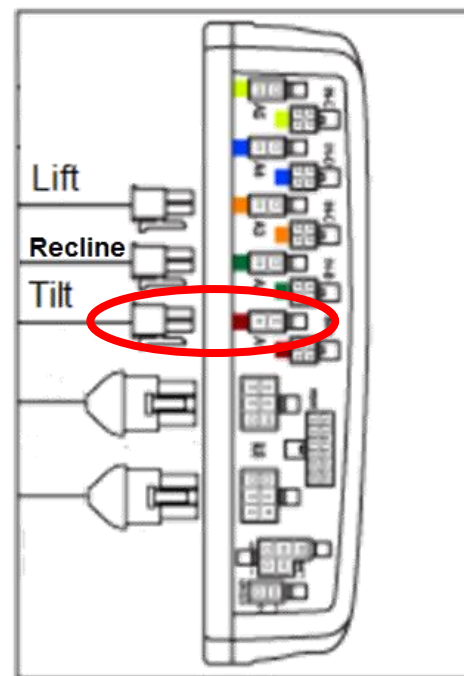
Remove the seat back shroud  
(4) phillips head screws.



# TB3 Tilt Actuator Replacement



Unplug the tilt actuator from the seating module.

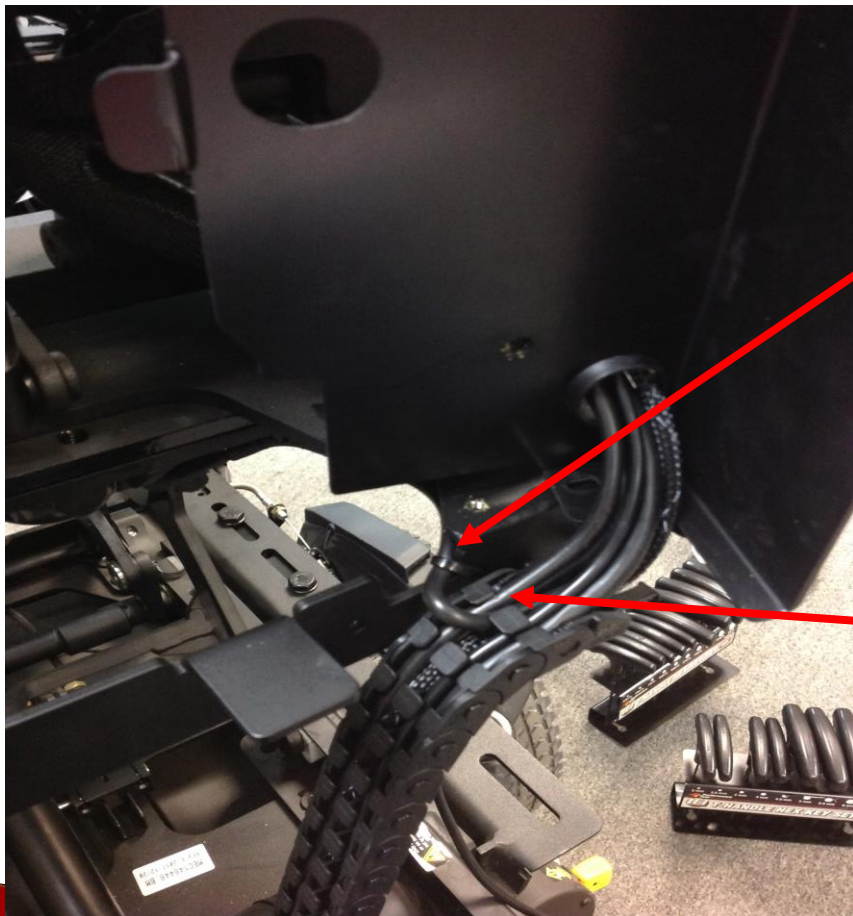


# TB3 Tilt Actuator Replacement

Remove the (4) 3mm allen screws that hold the rear wire cover on.



# TB3 Tilt Actuator Replacement

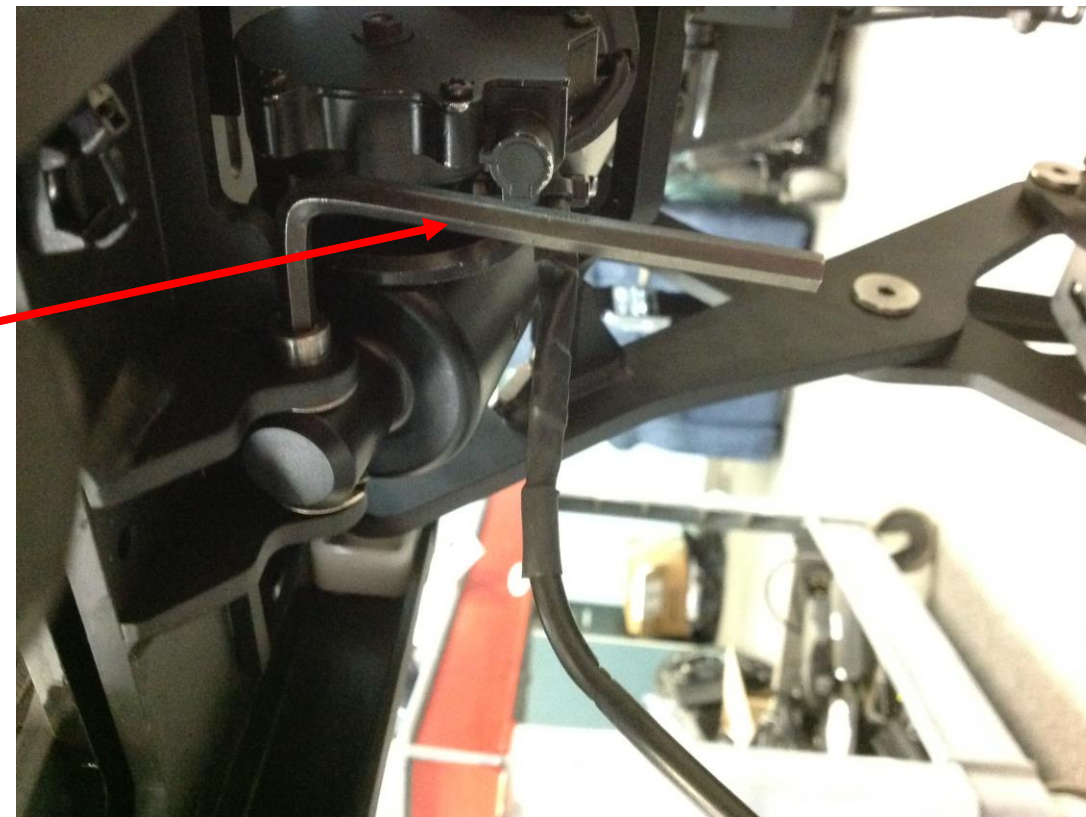


- Cut the zip tie that holds the tilt actuator harness and the zip tie that's on the under side of the seat frame that is also holding the tilt actuator harness in place.
- Then run the tilt actuator harness through the rear wire cover and then pop it off the first link in the wire track.



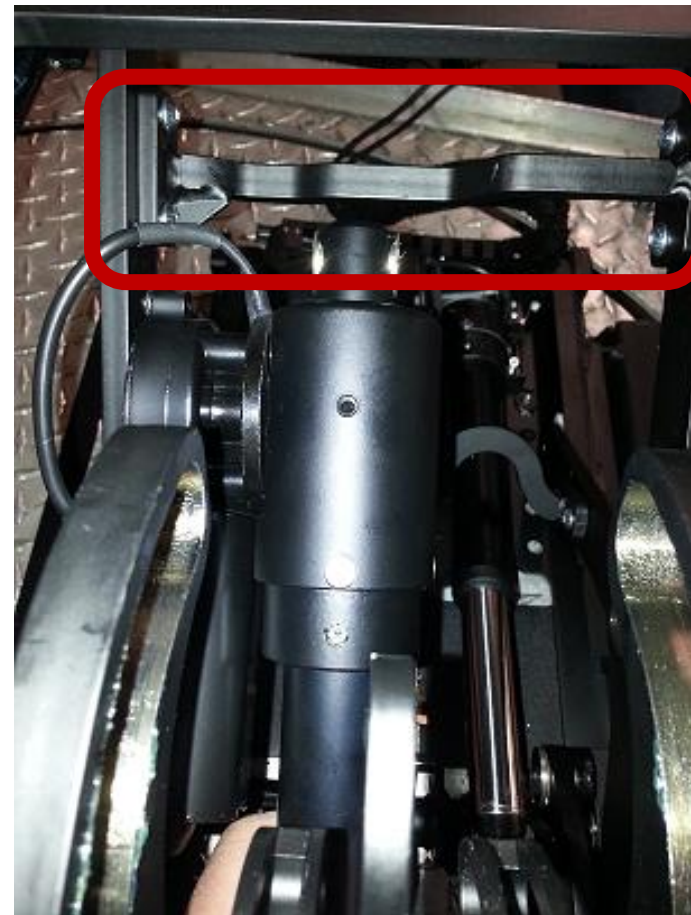
# TB3 Tilt Actuator Replacement

- Remove the rear tilt actuator bolt using a 5mm L shaped allen.
- Once you get the threads past the left eyelet (left side as seated in the chair) you can then tap the bolt out with a screw driver and hammer.
- Lift up on the front of the tilt actuator while pulling down on the rear of it to remove out the back of the seat frame.



# TB3 Tilt Actuator Install

Slide tilt actuator back first over curved support bracket with motor facing right side of unit as seated in the chair.

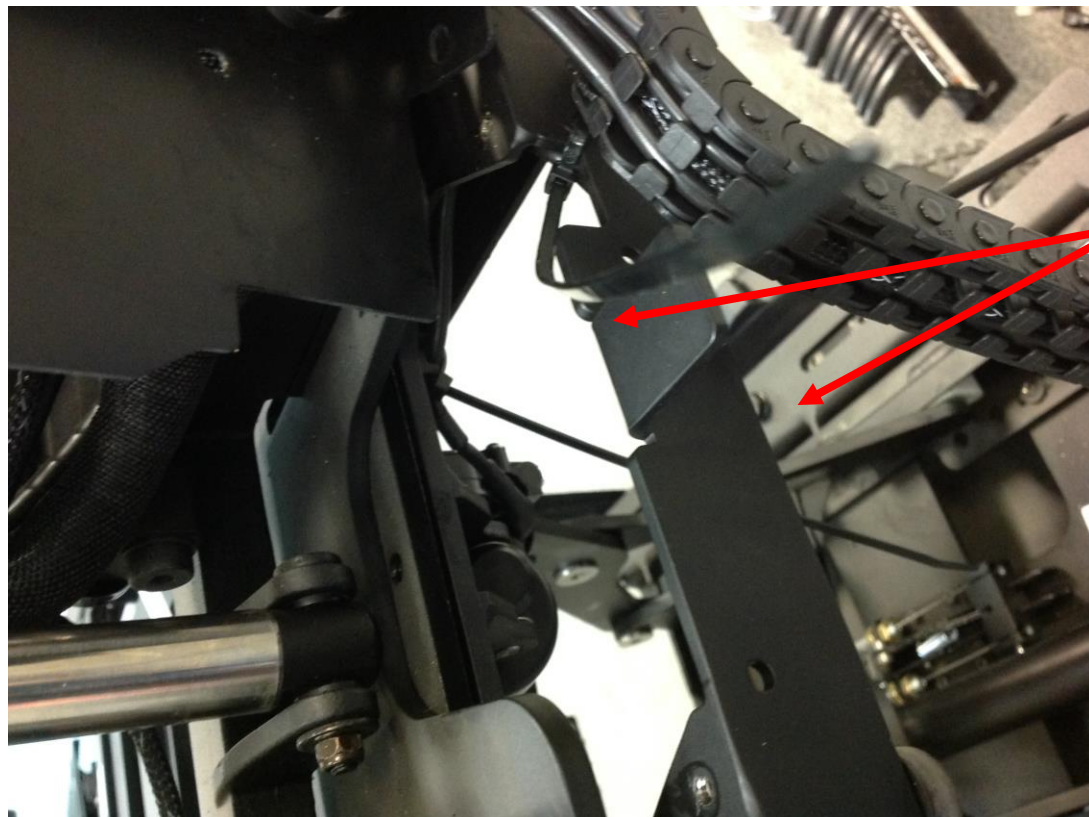


# TB3 Tilt Actuator Install

Install the rear tilt actuator bolt first.



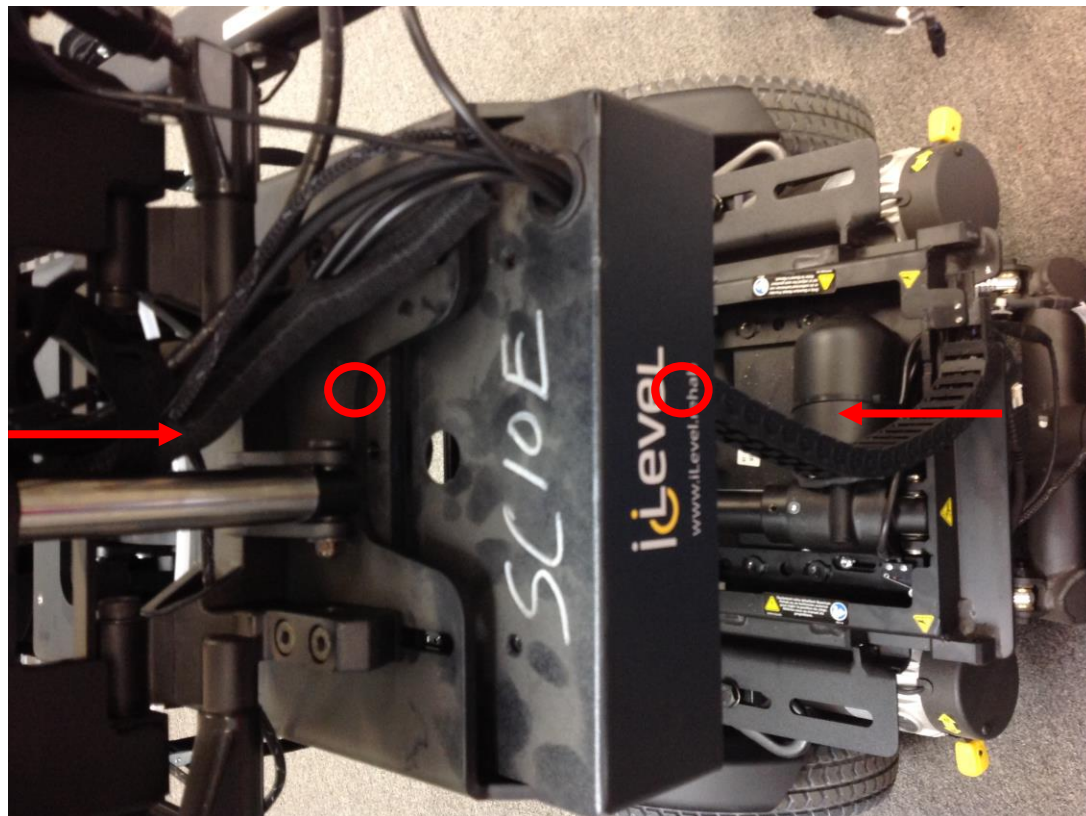
# TB3 Tilt Actuator Install



Reinstall zip ties at the locations were we had taken off.



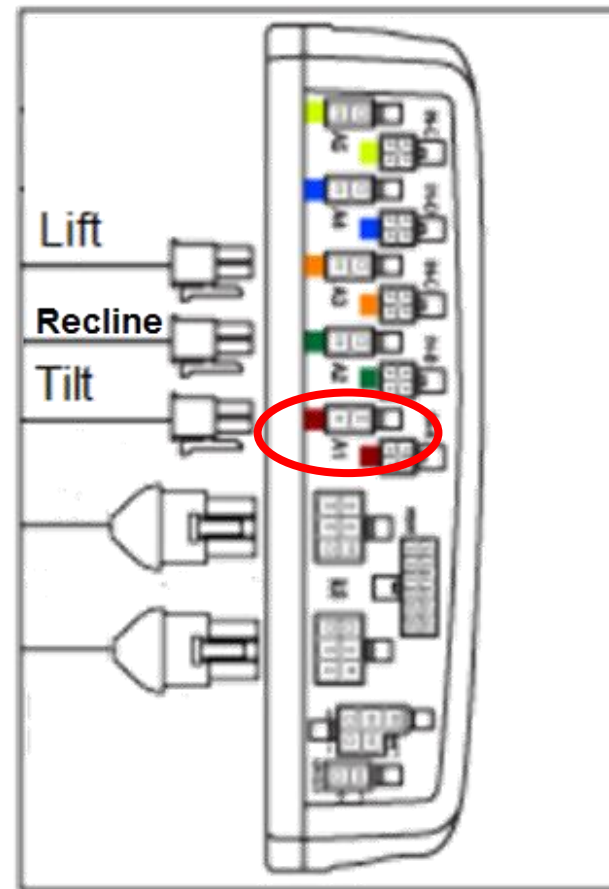
# TB3 Tilt Actuator Install



Run the tilt actuator harness up through the rear wire cover and install the (4) 3mm allen screws to hold the cover on.

# TB3 Tilt Actuator Install

- Run the tilt actuator harness up to the seating module and plug it into port A1.
- Reinstall the seat back shroud (4) phillips head screws.



# TB3 Tilt Actuator Install

- Attach the front of the tilt actuator to the seat frame with available clevis pin.
- Note that you might have to power on the chair and run the tilt actuator up/down to line up the clevis pin with the seat frame eyelet.



# TB3 Tilt Actuator Install



Install front clevis pin washer and split ring.





# TB3 Tilt Actuator Install

Reinstall the seat pan.





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#1 FOR REHAB POWER

**Thank you for your time**

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