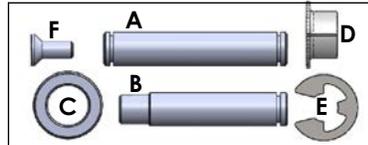




Please read these instructions carefully before beginning the installation. Failure to understand and follow installation instructions may result in injury to installer and/or end user and may void the warranty. If you have any questions call Sunrise Medical Technical Support at 800-333-4000.

**Actuator parts:**

- |                              |                                  |
|------------------------------|----------------------------------|
| 1. 1 ea Front pivot bolt (B) | 5. 3 ea E-clip (E)               |
| 2. 1 ea Rear pivot bolt (A)  | 6. 1 ea Actuator                 |
| 3. 4 ea Plastic washer (C)   | 7. 2 ea Flat head screw 1/2" (F) |
| 4. 3 ea Split bushing (D)    | 8. 1 ea Plug mounting plate      |

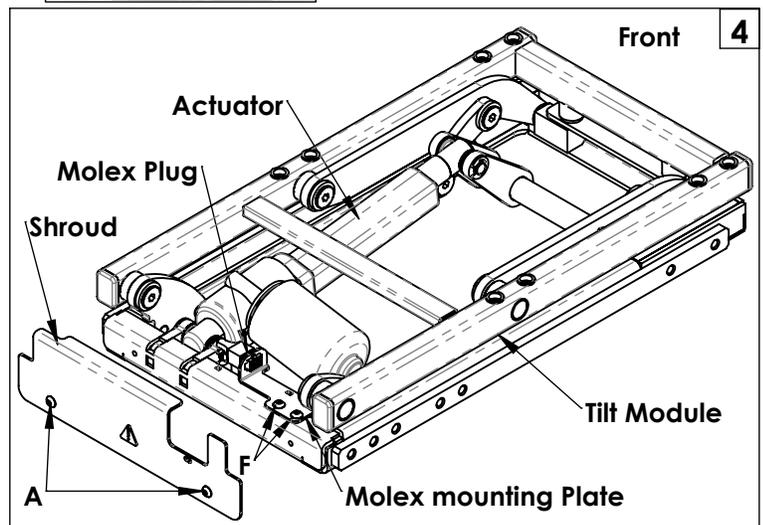
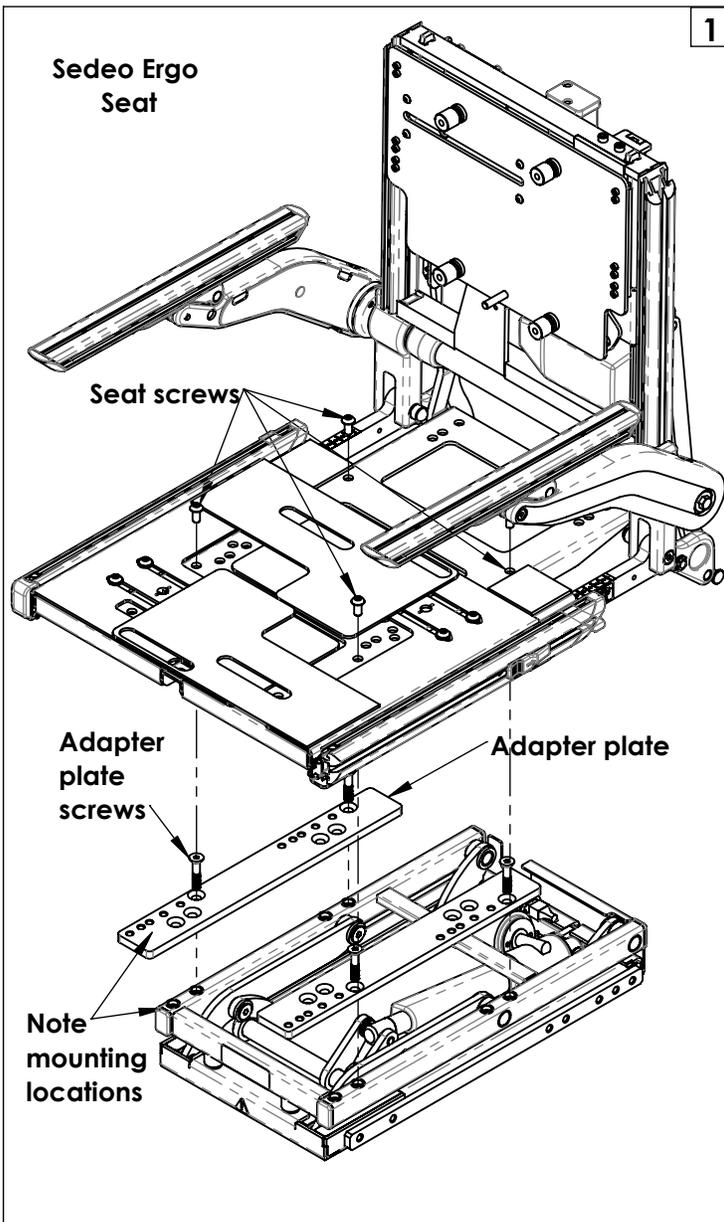


**Required tools:**

1. 3mm hex key
2. 5mm hex key
3. Pliers
4. Torque wrench

**A. REMOVE ACTUATOR:** 1 2 3 4

1. Unplug harness (1) from Molex plug (Fig 2 & 4) and Bus connector (2) on the backrest (Fig 3).
2. Remove the 4 screws holding the seat to the adapter and remove the seat (Fig 1). (Use 5mm hex key)
3. Remove the 4 screws holding the adapter to the tilt module and remove the adapter plates (Fig 1). (Use 5mm hex key)
4. Note seat mounting hole location on the adapter plate and tilt module, save hardware.
5. Remove the 2 screws holding the tilt shroud (A) then remove the shroud (Fig 4). (Use 3mm hex key)



**A. REMOVE ACTUATOR (Continued):**

6. Remove the 2 screws (F) holding the molex mounting plate and remove the molex connector (Fig 4). (Use 3mm hex key)
7. Remove E-clips (E) from the front and rear pivot bolts (A & B) using pliers. (Fig 6 and 7) **Note-** It will be easier to remove the clips if the module is in the tilt position.
8. Remove pivot bolts, discard hardware.
9. Remove the actuator from the tilt module.

**B. INSTALL NEW ACTUATOR:**

1. Install bushings (D) into the actuator. (Fig 6 and 7)
2. Install actuator into the tilt module.
3. Slide pivot bolts through mounting holes in the module, add washer (C). (Fig 6 and 7) **Note-** E-clips will be the only hardware on the outside of the tilt module mounting holes.
4. Once installed add E-clips to hold the pivot bolts in place. (Fig 6 and 7)
5. Reattach Molex plug mounting plate to tilt module with provided screws (F). (Fig. 8) Torque to 27-32 in-lbs (3.1-3.6Nm).
6. Reinstall the seat with the hardware saved from Steps 2 and 3 in Section A. Torque to 120-132 in-lbs (13.6-14.9Nm).
7. Plug harness back into Molex plug and Bus connector. (Fig 3 and 4)



**C. INSPECT:**

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

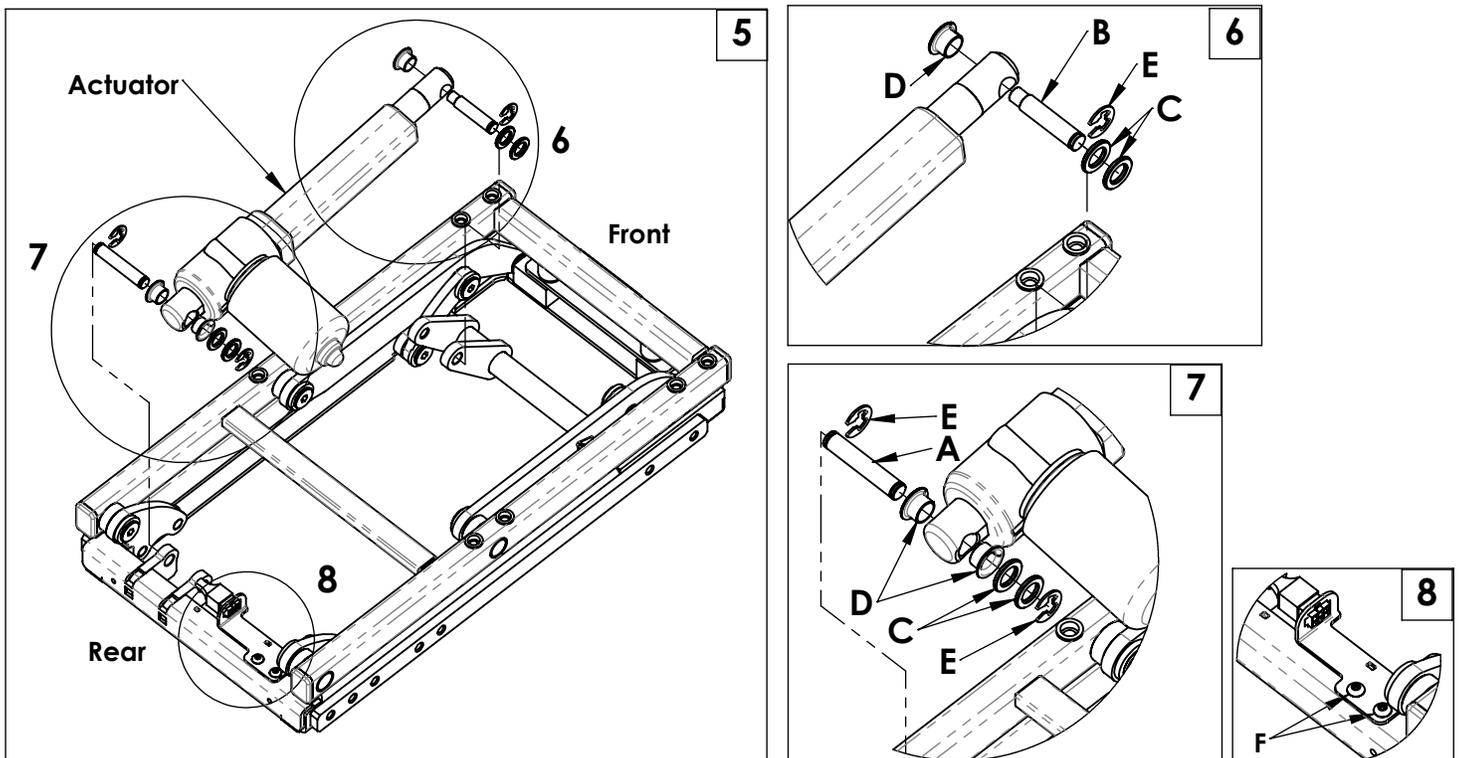
**DEALER/TECHNICIAN WARNING**



**WARNING**

Attention dealers and qualified technicians, do not operate or service this device without first reading the owners manual. If you do not understand the instructions and warnings in the owners manual please contact the Quickie Technical Service Department before operating and/or servicing the Quickie device. Failure to do so may result in damage and/or injury.

Find more information and important warnings see the wheelchair owner's manual or at: [www.Sunrisemedical.com](http://www.Sunrisemedical.com).



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