

# SEDEO<sup>®</sup> PRO RECLINE HOME ANGLE WITH ACTUATOR (P/N 22510130)

Please read these instructions carefully before beginning the assembly. Failure to understand and follow assembly instructions may result in injury to technician and/or end user and may void the warranty. If you have any questions call Sunrise Medical Technical Support at +1(800) 333-4000.

#### Required tools:

- TORX T8 1 2
- TORX T10
- 13mm Wrench (shroud removal) 3





#### This instruction sheet contains two sections:

- A: Instructions needed to change the recline home angle.
- Describes harnessing and what is needed for various B: configurations.

### A. CHANGING THE RECLINE HOME ANGLE

- 1. Set recline angle to 110° before adjusting home switch.
- Remove rear backrest shroud following steps 3-5. 2.
- 3. Remove both corner shrouds using a Phillips head screwdriver. Save hardware. (Fig 1)
- 4. Remove the hardware holding the lower mount of both links using a 3mm hex key and a 13mm wrench. Then remove the main back shroud. Save hardware. (Fig 1)
- 5. Loosely reattach both lower links with saved hardware. Secure with 3mm hex key and 13mm wrench. (Fig 1)
- 6. Locate recline actuator (see Fig 2). Use Torx T8 screwdriver to remove two screws on right side panel of actuator. Save hardware. (Fig 2)
- 7. Remove panel. Save for reinstallation. (Fig 2)
- Locate end stop switch under panel. (Fig 3) 8.
- 9. Loosen screw in center of end stop switch with Torx T10 screwdriver. (Fig 3)
- 10. Move endstop switch up or down to set desired home angle.
  - a. If the switch is set at Pos 2, the recline home angle will be 90°.
  - If the switch is set at Pos 22, the recline home angle will be b 100°.
  - c. The switch can be set to any point from 0-22 to achieve a home angle between 90° and 100°.
- 11. Once the end stop switch is in the desired location, tighten using Torx T10 to 2.5 Nm [22 in-lbs].
- 12. Bring the recline actuator to its home position to ensure desired home angle is met. If not, adjust end stop switch as needed following steps 8-10.
- 13. Once the desired home angle is met, reattach the actuator panel cover and tighten screws with Torx T8 to 2.5Nm [22 in-lbs].
- 14. Reattach the rear backrest shroud following steps 15-17.
- 15. Remove the hardware holding the lower mount of both links using a 3mm hex key and a 13mm wrench, then save hardware. Reattach the main back shroud. (Fig 1)
- 16. Reattach both lower links with saved hardware. Secure with 3mm hex key and 13mm wrench. Torque to 3.0-3.6 Nm [27-32 in-lbs]. (Fig 1)
- 17. Reattach the two lower corner shrouds with saved hardware. Secure with phillips screwdriver. (Fig 1)

#### ▲ DEALER/TECHNICIAN WARNING Attention dealers and qualified technicians, do not operate or service this device without first reading the owner's manual. If you do not understand the instructions and warnings in the owner's 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 in the wheelchair owner's manual or at: www.SunriseMedical.com.

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### **B. HARNESSING**

- 1. The actuator has a harness with two connectors. (Fig 4)
- If there is a gravity switch on the 2. backrest, then the following part numbers should be connected (Fig 5):
  - a. 2 pin connection connects to p/n 248699 (gravity switch harness)
  - b. 6 pin connector connects to p/n 21211005-060 (extension harness)
  - c. The following harnesses connect in sequence to the extension noted in 2.b. if the configuration is applicable:
    - 255557 if there are Power i. Elevating Swing Away Legs
    - ii. p/n 21211005-110 extension if there is Power Seat Elevate
    - iii. 249252 (all chairs except Q300M) or 253851 (Q300M) with A4/I2 connection is always needed to connect to ISM and PM (Fig 6)
- 3. If there is Tilt Sensor Module on the backrest, then the following part numbers should be connected (Fig 7):
  - a. 2 pin connector connects to p/n 015713 (inhibit plug)
  - b. 6 pin connector connects to p/n 21211005-060 extension harness
  - c. The following harnesses connect in sequence to the extension noted in 3.b. if the configuration is applicable:
    - i. p/n 255557 if there are non-powered leg rests or Power Centermount learests
    - p/n 21211005-110 ii. extension if there is Power Seat Elevate
    - iii. p/n 249247 is always needed to connect to ISM (A4 connection) (Fig 8)

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