



eFOLDi Power Chair– SERVICING MANUAL



STEP 1 – Open box and inspect contents.

Should contain charger, leads, anti-tip wheels and manual.

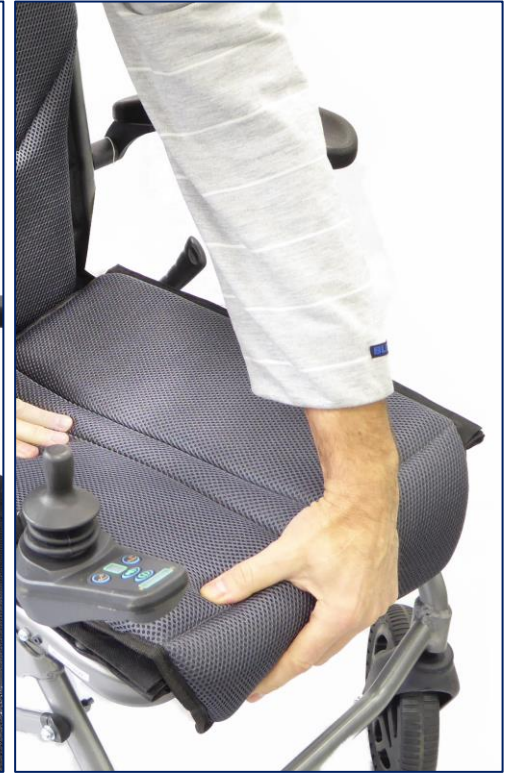
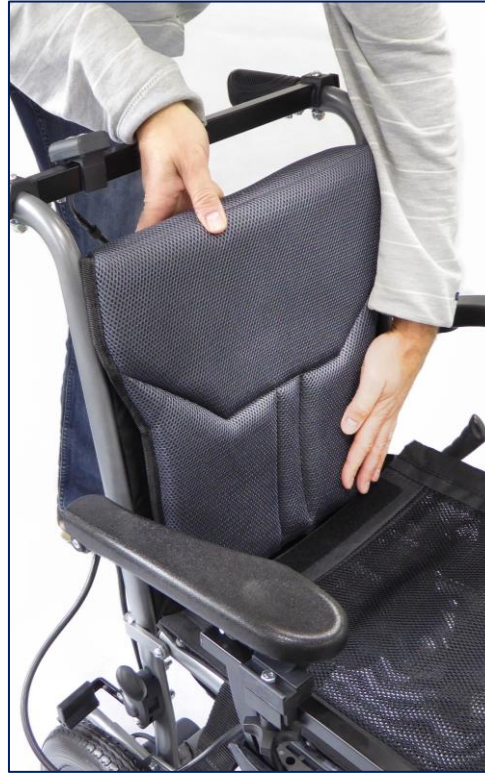
Anti-tip wheels may be installed

Note any missing items.



VIDEO GUIDE - eFOLDi Power Chair 001 - Unboxing & Basic Operation





If required install seat cushions as shown. These are held in place by Velcro tabs make sure these are folded over the back rest and under the seat and secured.

Note the seat back and seat base have different patterns as shown.

Make note of condition and any staining.

Refer to user manual and quick set up guide for full instructions for setting up the Power Chair



STEP 2 - Check Power Chair frame for damage, scratches and note any damage on the service checklist form and record serial number.



Serial Number UIN is located on top of the main control unit NOT on the frame.



STEP 3 – Unfold fully, listen for the definite 'click' sound as the lock engages.

Check chair is locked open, repeat 3 times and make sure opening and closing action is smooth.



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STEP 4 – Unfold the footplate and check for alignment and damage, also check welding and footplate bolt.



STEP 5 – Check rear wheels are straight and true.

Check wheel nut security.



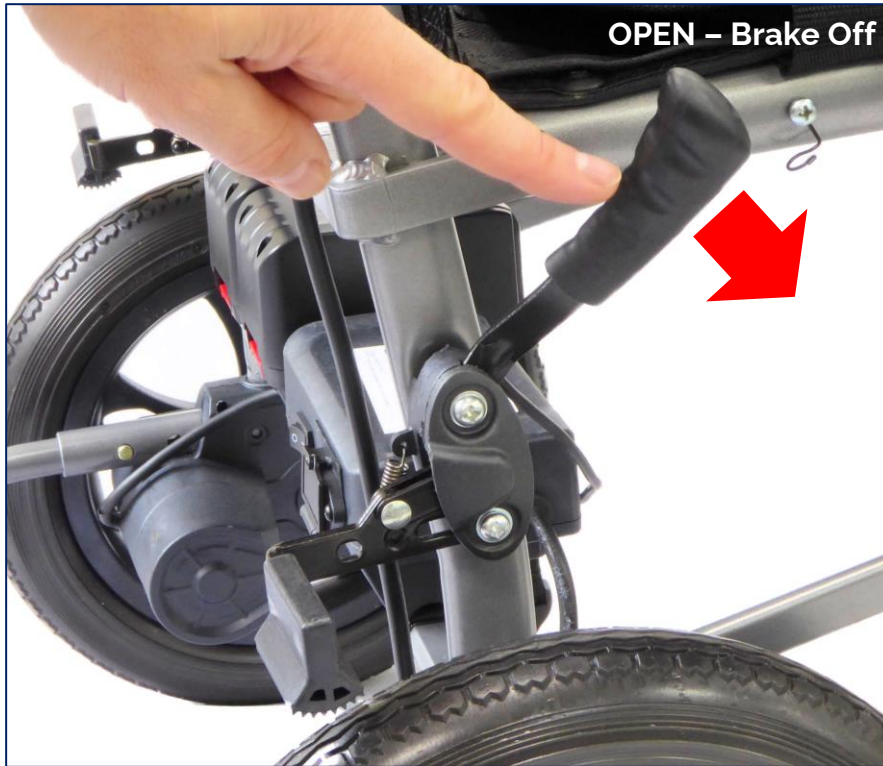
STEP 6 – Check front wheels, making sure the fork clearance is sufficient and within tolerance and that the wheel is square, true and aligned.





STEP 7 – If power chair is fitted with pneumatic tyres
inflate to 30-36psi





STEP 8 – Check manual brakes on rear wheels both sides and check under load.

Brake lever should lock in both open and closed position and operate smoothly.



STEP 9 – Check contents of green accessory bag. These should include a manual, charger and toolkit



STEP 10– Switch main power on at the back of the Power Chair.

Switch on power on joystick. All lights should illuminate.

Note: There are two distinct controller types,





STEP 11– Check full drive functionality of the joystick controller, drive the Power Chair in all directions and pay close attention to motor noise and the reversing beeper which should sound in all reverse directions.



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STEP 12– Check the speed and horn functions of the controller.



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STEP 13– Check the functionality of the attendant controller and check reversing sounder is working.



STEP 14– Check free wheel mode (original version)

On original version

A - TURN **OFF** joystick controller.

B - Make sure main controller is **ON**

C - Press and hold bypass switch for **3 seconds**

Chair will now be in bypass mode and wheels should turn with only slight resistance

Original Version- SUN0157





Current AA Version- SUN0156

STEP 14 Cont'd – Check free wheel mode
(current AA version)

On current version simply turn power OFF on the main controller.

Chair will now be in bypass mode and wheels
Should turn with only slight resistance.

Note: If batteries are removed and the controller is left
switched ON the chair will only be in free wheel mode
intermittently – it will lock the wheels momentarily and
frequently.





STEP 15– Check tightness of all the nuts and bolts on on the chair to ensure that all parts have been checked.

Diagram as illustration only – move around the chair checking all bolts and fittings.



STEP 15 Cont'd

Check front castor bolts for security and tightness.



STEP 16– MO94 all moving parts.



STEP 17– Clean and wipe down frame





STEP 18– Check security of attendant control cross bar.

Current version only



STEP 19– Check security of seatbelt and seat fixings

Check webbing and connectors (A)

Pull back seat base to reveal fixing for the seat belt and check it is secure (B)

Also check screws and cup washers that secure the seat base of security. Ensure surrounding fabric is in good order with no tears or rot.





STEP 20 – Road test Power Chair



STEP 21 – Clean and wipe down tyres



COMPLETE VIDEO LISTING

Video File Name	YouTube Link – Click to Play
eFOLDi Power Chair 001 - Unboxing & Basic Operation	https://youtu.be/ccPvCT6Vgdw
eFOLDi Power Chair 002- The Main Control Unit	https://youtu.be/6RySkvPzISl
eFOLDi Power Chair 003 - Replacing a Motor	https://youtu.be/PxFclAlsBdY
eFOLDi Power Chair 004 - Straightening an Armrest	https://youtu.be/4xEe-q481uA
eFOLDi Power Chair – User Guide	https://youtu.be/KHTg3ya2JNs

eFOLDi Power Chair (current model only) - Resetting the control module



A

Make sure the main control unit is turned ON



B

Turn ON power on joystick controller



C

PRESS and HOLD the speed up and speed down buttons for 6 SECONDS



D

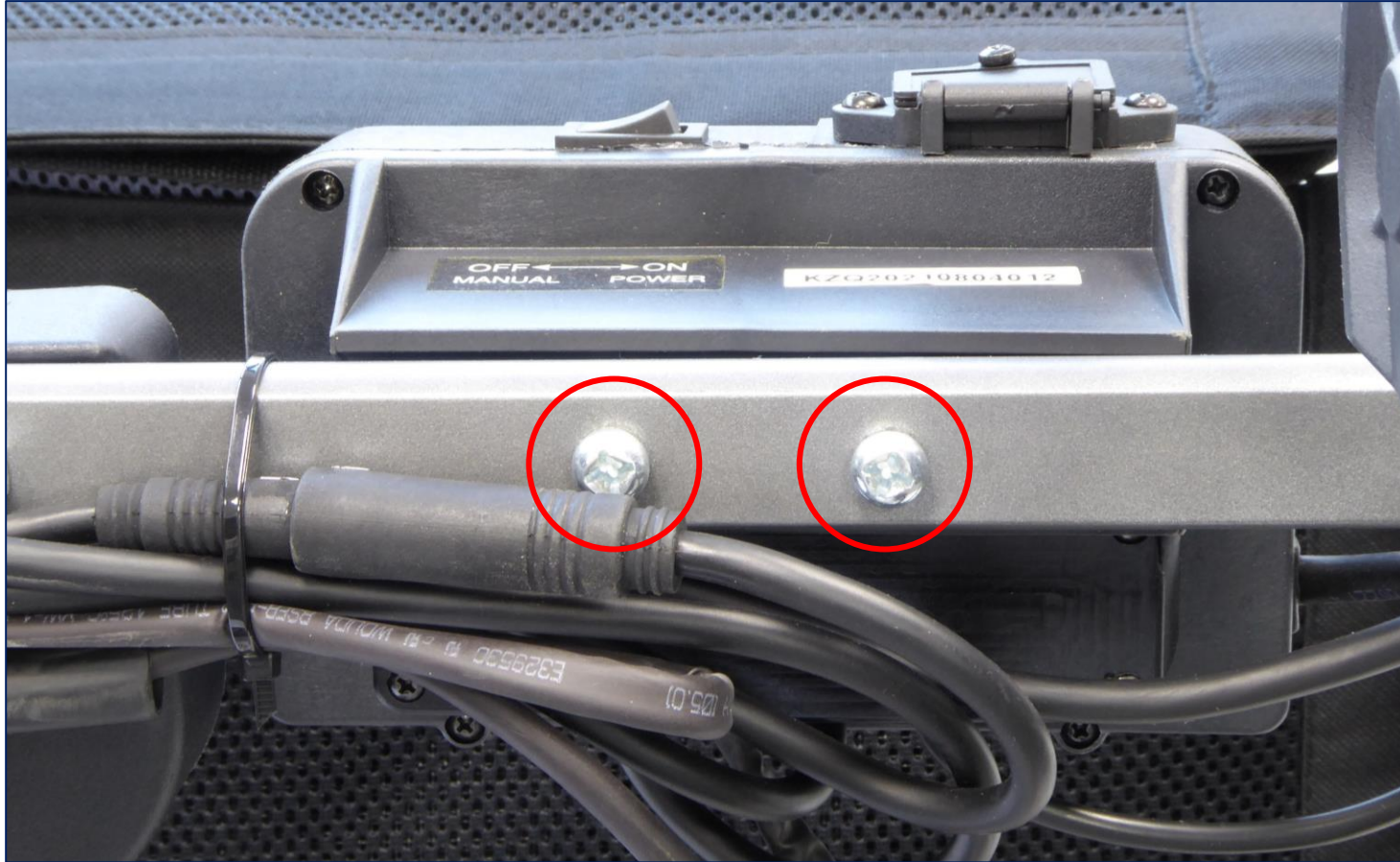
Turn the main control box OFF and WAIT 12 SECONDS



E

Switch chair back on and check operation

Removing the main controller.



The main controller is retained by two Allen headed bolts on the base of the Power Chair frame



VIDEO GUIDE - eFOLDi Power Chair 002- The Main Control Unit