

Below is a service schedule for Drive Medical Rise and Recline armchairs. The armchairs should be serviced annually, if used in a single user environment. The armchairs have an expected service life of 6 years if used in a single user environment and maintained in line with Drive recommendations. Explanatory notes are overleaf.

Document Code: Armchair_Servicing.pdf (Jan 12) – 2 Pages

Handset

- Check Operation.**
- Key Jack.** Ensure chair cannot operate without key inserted. Check the key insertion is positive and there is no excessive movement in the socket.
- Buttons.** Check the buttons and microswitches feel positive and click when pressed.
- Cabling.** Check for signs of wear to cable. Ensure the insulation is not broken or cables are not showing.

Control Box

- Check Housing.** Ensure casing is not damaged and no cables are exposed. Check that the housing is secured to the chair or actuator, and all cables are securely plugged in.
- If Installed with Rechargeable Battery Backup.** Check operation
- If Installed with Disposable Battery Backup.** Replace batteries

Power Supply

Note: on some models that power supply is integrated with the control box

- Check Housing.** Ensure casing is not damaged and no cables are exposed.
- Noise.** Listen for any excessive noise such as buzzing and crackling
- Plug.** Check the plug housing is not damaged.

Actuators

- Check Casing.** Ensure casing is not damaged and no cables are exposed
- Check Limit Switches.** Listen for the motor stopping when the actuator is fully extended or retracted. An audible click from the microswitch may also be heard.
- Actuators.** Ensure the actuators are free of excessive play at the ends of the actuators. Check for any signs of wear and tear.

Armchair Frame

- Visual check.** Check there are no twists in the frame and the scissor mechanism(s)
- Fasteners.** Check all fasteners (i.e. screws, nuts and washers) are present and not loose. If fasteners need replacing or retightening, always apply threadlock and tighten to the required torque.

Upholstery

- Hygiene.** Check that the upholstery is clean and not worn, especially if used in a multi-user environment.
- Operation.** Check that the upholstery is not catching anywhere when the armchair is operating, as this can cause damage to the mechanisms or upholstery.

Armchair (Whole)

- Operation (Unloaded).** Operate the armchair for whole full cycle whilst the chair is empty. Ensure that the backrest and footrest and level (not twisting) at all times and reach their full extents.
- Operation (Loaded).** Operate the armchair whilst sat in the chair for one full cycle. Ensure that the backrest and footrest and level (not twisting) at all times and reach their full extents.
- Anti-trap Mechanisms.** If any anti-trap mechanisms are fitted, check these operate correctly using an object which cannot be damaged.

Notes:

Please note below:

1. Any issues not covered by the servicing points already performed.
2. Any parts that have been replaced
3. The name of the Technician and date the service has been performed.

Parts Replaced:
Signed:
Name:
Date:

Replacement Parts

In the event of a part failing on the service or during operation, the part should be replaced. Replacement parts can be ordered from your Drive Medical Dealer.

To obtain the part code for the replacement:

1. First check for a part code label on the failed part. This will either state "Drive Part No....." or "Medicare Part No....."
2. In the event of the above label not being present or illegible, please visit www.drivemedical.co.uk/technical/ and select the Parts Catalogue for Restwell Rise and Recline Armchairs.

Explanatory Notes:

Handset

All Points covered by notes on servicing schedule

Control Box

All Points covered by notes on servicing schedule

Power Supply

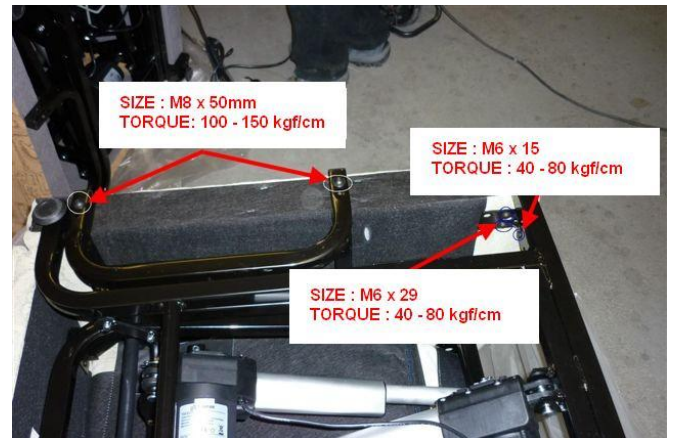
All Points covered by notes on servicing schedule

Actuators

All Points covered by notes on servicing schedule

Armchair Frame

The Technician performing the service should follow the notes on the servicing schedule. Also, fasteners to check and torque settings are shown below:



Anti-trap Mechanisms

Anti-trap mechanisms may cover the 2 sides and back of the armchair casing, and the footrest.

The Technician should test each edge that the mechanism protects against. To test the mechanism, use an object which cannot be damaged, cause damage to the chair or injury. Raise the footrest or chair (depending on the edge being checked) and place the object as an obstruction. Lower the footrest or chair on to the object and ensure the movement is prevented when the chair hits the object.