

Rugby Wheelchair Maintenance Guide

Servicing and Pre/Post checks

- Conduct a visual check of frame for any cracks along welds.
- Check tip housing bolts are tight and if any missing replace.
- Front Casters – Tip chair on back, test they drop, if slight movement tighten slightly, if really stiff bearings are shot and need replacing.
- Axle Housings – Check not loose, any movement report to RMA.
- Locking Pin – Check that locking pin protrudes fully, if not then wheel will not be locked in, remove axle and adjust out from both ends with adjustable spanner. If wheel is loose after this then tighten back up slightly.
- Tyres – Make sure tyre pressures are kept within 120-130 psi.
- Wheel/Hub – Spin wheel to look for slight misalignment, if found check tightness of spokes, if this is the problem do not tighten, send to RMA.

Pre Activity

- Sit in chair, check tip height, if the chair rocks the tips are too high, if the wheel or wheels spin they are too low. Loosen the bolts and shim under each tip to get correct height, the chair should have a slight rock. When tightening, start with middle bolt of tip housing and then tighten others (squeak tight).
- Seat adjustments – For Bigger/Taller players you can create more bucket in the seat by loosening 3 straps on seat and then loosen all on back to maximise bucket. When putting the cushion back in start with Velcro at front.

Tyre Changes

- Deflate and use lever/spoons to remove tyre and inner tube.
- Align writing on tyre with stem hole on rim.
- Attach inner edge of tyre to rim.
- Slightly inflate inner tube to minimise pinching.
- Push valve stem into place and feed inner tube into tyre. **1**
- Fold outer edge of tyre with inner tube into rim as far as possible. **2**
- Use tyre seating tool to finish. **3**
- Inflate tyre to 120-130 psi.

1.



2.



3.

