



MAINTENANCE INSTRUCTIONS

CODE: RKR – ROTATING KING RIPS

Visual Inspection

Check for excessive fraying of webbing belts (A and B)

- A. Drum mounted belts with karabiners
- B. Seat belt webbing (2 off) and extension belts (2 off)

Check there are no nuts/ bolts/ parts missing or damaged parts. In particular check that the seat belt buckles are not cracked.

Check the unit has the appropriate user instruction sheets.

Quarterly Mechanical Workshop check

Check the cushion squab sits in the RKR frame and that the two yellow hooks drop over the cushion frame bars and that the plunger drops into the designated hole.

Check the unit locks and unlocks to the floor base plate using the yellow handle at the top of the tube.

Check the unit slides along the floor base plate using the u shaped yellow handle. If movement is sticky remove the two webbing belts mounted on the floor base. (They are screwed down to the base plate in four positions). Use an air gun to clean the two slots in the base plate and remove any dirt/stones. Re fit the webbing by sliding it back underneath the unit. Do this by using a screwdriver to push the webbing along and at the same time rock the seat backwards and forwards to help it along. It is acceptable to spray WD40 lubricant on the middle part of the floor base to help the sliding movement.

Check that the unit rotates.

Re lock the RKR to the plate:

Check that there is no rock in the back frame of the extending back. If there is – please note that the frame is attached to the RKR base in 4 positions. Two 16mm x 50mm cap head bolts visible at the bottom of the frame and two 8mm x 30mm cap head bolts located underneath the plate at the top of the tube. The M8 bolts need to be screwed into the plate tight. Note: apply loctite when doing this.

Check that the plastic yellow plunger at the top rear of the seat back does not easily pull out.

Unlock the wheelchair lock mechanism. (Pull plunger and lift T bar up until it drops into bottom hole) Pull the belts with karabiners fully out. Re lock the plunger mechanism. Use the foot pedal to ratchet the webbing into the drums.

Check that the bolts attaching the horseshoe to the two dogs that operate the ratchet mechanism are locked using M6 x 25mm cap head bolts. Note: the bolt should go all the way through the nyloc nut.

Check that the seat belts lock into the buckles and retract correctly.

Check for severely frayed webbing that will need replacing.

Check that the seat trim is not torn.

Check that the RKR has all the safety locks working properly.

For further information please consult the following NMI documents:

RKR User Instruction sheets
RKR competency checklist
RKR wire fitment instruction
RKR safety catch lock instruction
RKR pedal lock instruction
RKR parts list

Spare parts should be ordered from NMI Safety Systems Ltd only.

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