



## ATTENTION! RIPS TRAINING CHECKLIST

[Please read this document carefully.](#)

In order to correctly use Rips systems you must be able to carry out the following, starting from a seat position:

- Unlock the yellow cushion latches. Pull and lift over cushion bars. Do not try to unscrew the latches.
- Remove the cushion and place to one side for the moment. (This will be stored on the back of the unit later)
- Pull out each inertia belt from between the legs of the unit and attach karabiners onto a wheelchair. (Note: If the pedal is slightly depressed downwards, the yellow locks will engage on the jagged central block and you will not be able to pull the belts out.) Please remember that the securement points will vary from wheelchair to wheelchair. Ideally the belts should be attached as low as possible and on the main frame.
- Every unit has a two occupant belts. Each one of these has the part that you pull out and the fixed belt behind it. **IMPORTANT!** Remember to move the diagonal belts to the side of the seat back, to allow the wheelchair handles to locate either side of the seat back. Once the wheelchair is positioned correctly, the diagonal belts can then be used to secure the occupant without fouling the wheelchair handles. **IMPORTANT!** Do not move the fixed belt to the side of the seat. Only pull out the inertia diagonal belt (the part which goes over the occupants shoulder)
- Tread on the pedal to eliminate the slack in the belts. Make sure you do not tread the pedal right down to the vehicle floor. **IMPORTANT!** Treading on the pedal once will not lock the wheelchair securely. You must release and relock the pedal until the wheelchair is secure.

To release the pedal tread on it to release the pressure and pull upwards on the red webbing and GENTLY lift up the pedal at the same time.

At this point do not push the wheelchair forward as you will lose the tension in the webbing. Now tread on the pedal again. Repeat this until the wheelchair is secure. Put the wheelchair brakes on.

- With someone seated in the wheelchair, place each inertia over the shoulder and if possible into the lower mounted stalk fixture. If the original belts are not long enough each unit is supplied with two extension belts.
- Use the all age adjuster on the inertia to bring the webbing away from the occupants neck. In special circumstances where no webbing pressure should be exerted on the occupants neck or shoulder you may order NMI Comfort Clips which can easily be fitted to existing units. (see enclosed instruction)
- Place the seat cushion in the storage position behind the seat back.
- Pull and lift the yellow latch (which is only on one side) so that the cushion bar sits in the slot. (see enclosed instruction)
- To unlock the wheelchair.
- Release the pedal lock. To do this tread on the pedal to release the pressure, pull upwards on the red webbing and GENTLY lift up pedal at the same time, allowing it to return to its uppermost position.
- Release the occupant belts.
- Push the wheelchair forward of the Rips in a fluid motion and remove karabiners.
- Remove cushion from storage position and place it back in the seat position. To do this slot the two prongs into the two slots in between the legs and push the cushion in until the cushion bars hit the legs.
- Drop the yellow cushion latches over the cushion bars and the pin engages in the hole in the side of the leg.

## **KING RIPS**

To slide the King rips away from the wall, simply unlock the base unit by turning the red handle located on the base in between the legs.

Pull the unit by one of the legs away from the wall to the desired position and then turn the handle in the opposite direction to lock.

## **EXTENDING BACK**

When in the seat position, pull the elastic cord located on the back frame in between the two seat belt bridges, over the headrest to keep in place.

For wheelchair use pull the elastic cord back over the headrest and simply push forward the red handle, located in the middle of the back frame, to its furthest position. (see enclosed instruction)

## **ADJUSTER BAR**

This optional accessory is for use with manual wheelchairs only. (see enclosed instruction)

## **DRUM PEDAL**

For Rips units with the NMI fixed belt drum pedal mechanism instead of inertias to secure the wheelchair please note the slightly different lock and unlock mechanism. Please follow enclosed instruction procedure.

Training completed : Date: \_\_\_\_\_

Print Name : \_\_\_\_\_

## **IMPORTANT!**

Please note that RIPS units have been designed to provide back and headrest support for the safe transportation of wheelchair users who would otherwise have little Rear Impact Protection.

Standard 400mm and 280mm width seats are designed for usage on manual wheelchairs only and not electric wheelchairs.

Typically the weight of manual wheelchairs tested with this type of unit is around 25kgs. The occupant weight used is 75kgs.

Extending back seats are designed for usage on both manual and electric wheelchairs.

Typically the weight of the surrogate wheelchair tested is 85kgs. The occupant weight is 75kgs.

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8<sup>th</sup> February 2005

Dear ,

Please find enclosed important information concerning Rear Impact Protection Seats for your records.

Enclosed is a Training Checklist which I would ask you to distribute to the relevant persons within the Trust to be used during Training.

Training sessions administered by NMI will conclude by us requesting the participants to sign and date for our records.

It is equally important that NMI Rips are inspected on a regular basis. Enclosed is a brief Maintenance Checklist. For further information please contact our office.

Thanking you for your continued support and co – operation.

Best regards,

Mr.Ilan Alfassa  
Sales Director



## **DRUM PEDAL LOCK AND UNLOCK MECHANISM**

Firstly unlock the mechanism to release the webbing belts.  
There are 2 steps to follow:

Step 1: Depress the pedal downwards and at the same time pull the red webbing strap hanging out of the seat back (see fig3) Use the Velcro stitched onto both sides of the red webbing to hold the bar and 2 yellow dogs off the jagged teeth on the outside edges of the drum.

Step 2: Fig 4. Grasp the central yellow dog located in the middle of the pedal. Slide it backwards and then using the other hand push the dog upwards thus engaging corner A behind the lip labelled B.

The pedal ratchet is now disengaged as the central yellow dog is off the teeth in the middle of the drum and you can pull the webbing belts out to locate on the wheelchair. (fig 5)

To lock the wheelchair.

Unstick the Velcro on the red webbing and feed it upwards so that the bar drops down and the 2 yellow dogs sit on the teeth on the outside edges of the drum.

Then slide forward the central yellow dog so that it re – engages the teeth in the middle of the drum.

Tighten the black webbing by pumping the foot pedal until the wheelchair is firmly up against the back support. Place wheelchair brakes on.