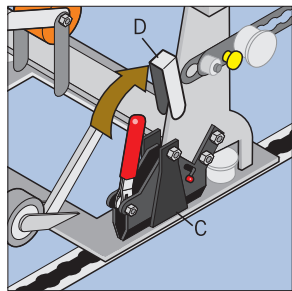


# NMI Millennium Seat Back and Ratchet Mk2: User Instruction Leaflet

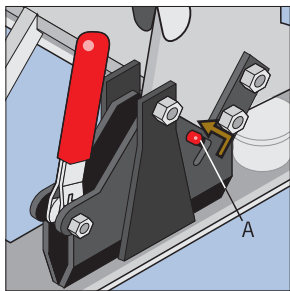
To be operated by trained personnel only

## Securing the wheelchair and seat back

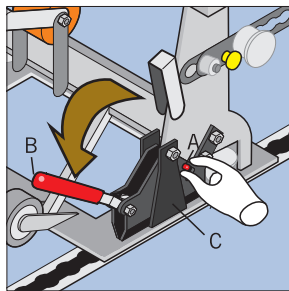
### 1a: Removing the seat back from the tracking



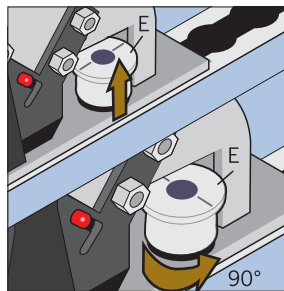
Unlock the Millennium 2 Fitting C by removing guard D. Repeat on other leg



Lift red safety bolt A up

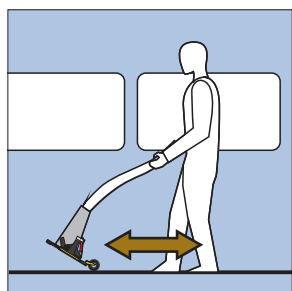


While holding red safety bolt A in its upper position pull clamp B away from the Millennium 2 fitting C to unlock. Repeat on other leg

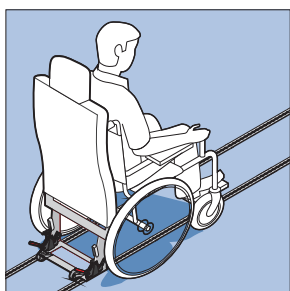


Lift and turn the grey plunger (E) so the lines on the plunger are turned 90° from the direction of the tracking. Repeat on other side. The seat back is now unlocked

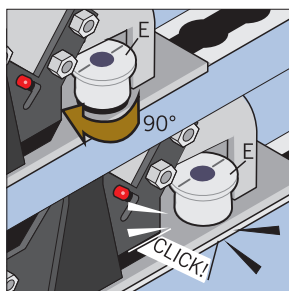
### 1b: Securing the seat back in the tracking



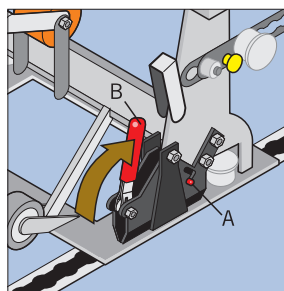
Tilt the seat back and use the wheels to roll seat into correct position over the tracking



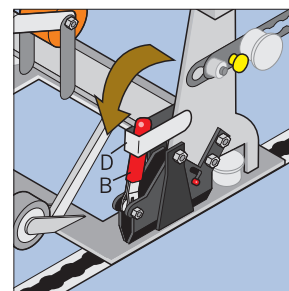
Position the seat behind the wheelchair user



Locate the Millennium Fittings E in the track. Turn the plungers E on both sides of the seat so the lines are parallel with the tracking. Move the unit slightly backwards and forwards till the plungers drop into the track hole



Close handle B to lock the seat back in its new position. The safety bolts A should automatically drop and rest in their lower position. Repeat on other leg

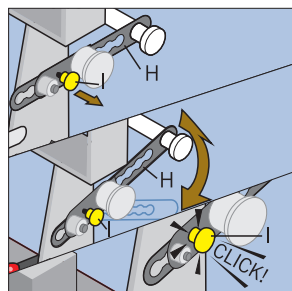


Pull down the guard D over handle B. Repeat on other leg. The chair is now secure to be used in seat mode or to be converted for wheelchair users

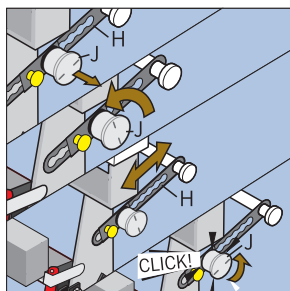


**Caution: Before Securing the wheelchair ensure that the seat is rigid in the base**

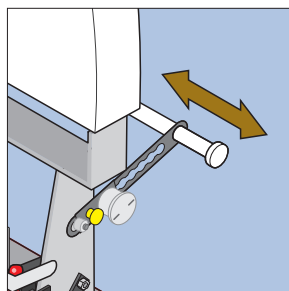
## 2. Setting the adjustable adapter beam



To adjust the adjustable adapter beam H to angle up or down to receive the wheelchair pull plunger I. While holding plunger I raise and lower H to your preferred angle then let go of I. I should snap in to lock the angle. (You may have to alter the angle of the beam to the closest point I will snap in). Repeat on the other side of seat base



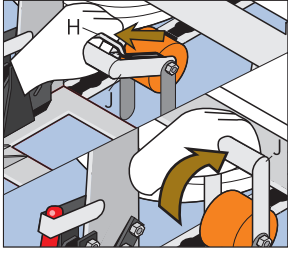
To alter the length of adapter beam H pull out plunger J and rotate 90°. Slide beam H to your required length then turn back J so the marks line up with the length of the beam. J should click back into place to lock, if it does not adjust the length of H slightly till it does. Repeat on the other side of seat base



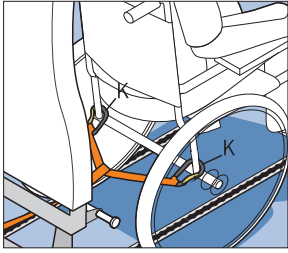
The adjustable bars can be slid to the appropriate position to meet the wheelchair frame. Repeat on the other side of the seat

# ...Continued: Securing the wheelchair and seat back

## 3: Securing the wheelchair



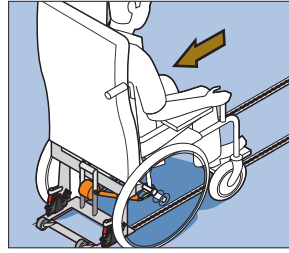
To open the ratchet squeeze bar H to unlock and lift handle J up and forward to uppermost point and then let go



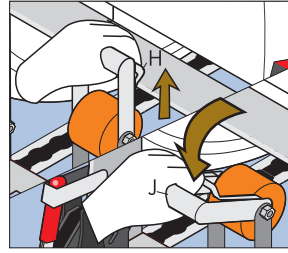
Pull the karabiners (K) from the front of the seat base and attach to the rear of the wheelchair frame as low down as possible on the wheelchair manufacturer's recommended securement points



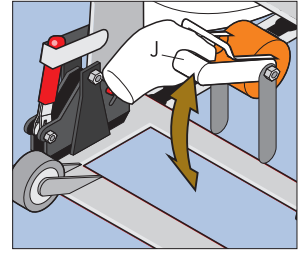
**Caution:** Under no circumstances must the karabiners be attached to the front of the wheelchair frame



Reverse the wheelchair against the seat back. Ensure the adjustable bars are against the frame



To engage ratchet squeeze bar H and lower handle J down midway and then let go



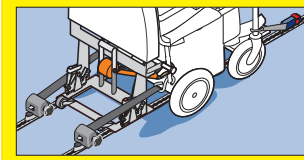
Ratchet the wheelchair in tight by holding main handle J and moving it up and down. When webbing is secure lower handle J to its lowest position



**Check there is no slack in the webbing**



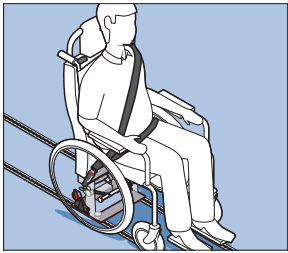
**Check wheelchair frame is against adjustable bars**



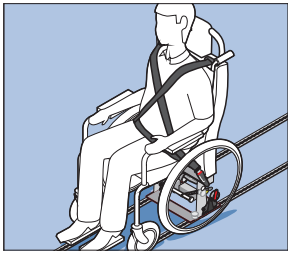
### Electric wheelchairs need additional restraints

If it's an electric wheelchair you must do all steps shown in this section and add further restraints - See page 3

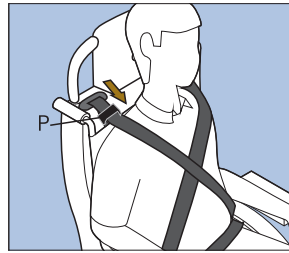
## 4: Securing the passenger



Secure the passenger using the two all age inertia belts. Take one all age inertia belt and insert it into the opposite buckle

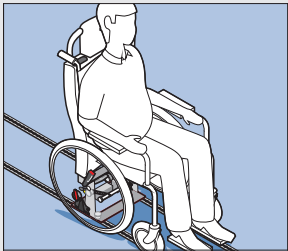


Repeat the previous step using the other all age inertia belt and fixing it into the opposite buckle on the other side of the seat

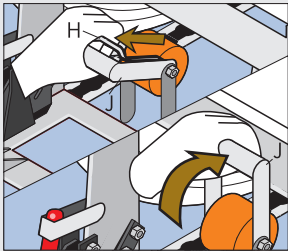


Position the age adjuster P (on both shoulder straps) to ensure webbing does not cut across the occupants neck

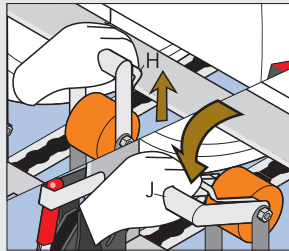
## Releasing the wheelchair user and the seat back



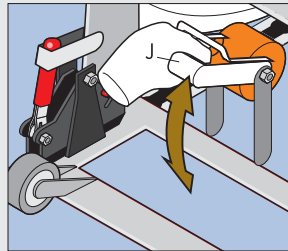
Remove the two all age inertia belts



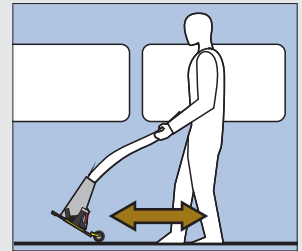
To open the ratchet squeeze bar H to unlock and lift handle J up and forward to uppermost point and then let go. Unclip the karabiners from the wheelchair



The wheelchair and it's user should now be free. To engage ratchet squeeze bar H and lower handle J down midway and then let go



Ratchet the webbing in by holding main handle J and moving it up and down

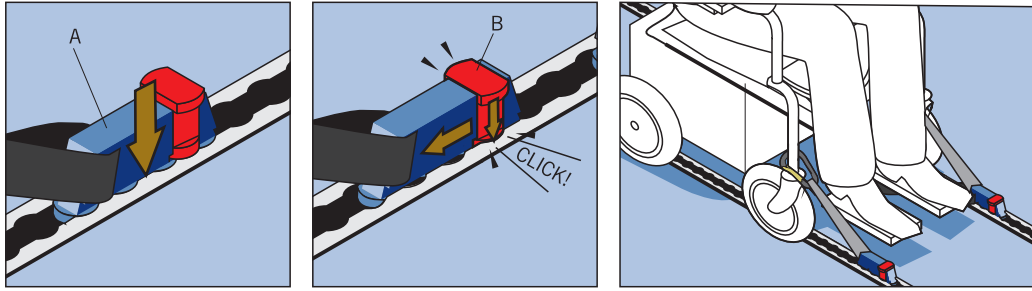


To release the seat back follow steps in section 1 on page 1 in reverse

# Extra restraints for electric wheelchairs

1: Before doing this make sure you have completed section 3 on page 2.

## 2a: Attaching fixed webbing to the front of the wheelchair

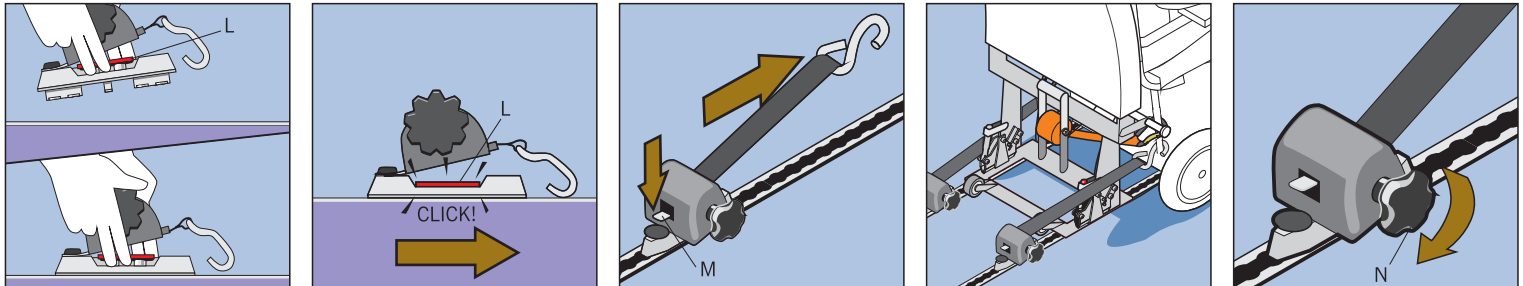


Front belts: Insert the Plunger Stud Fitting (A) into the floor tracking

Slide the Plunger Stud Fitting until plunger B drops into a hole in the floor tracking. The device is now locked in the floor tracking

Attach the karabiners to the front of the wheelchair. Connect as low down as possible on the wheelchair manufacturer's recommended securement points. You may need to move the fixings in the floor to reduce slack

## 2b: Attaching retractable webbing to the rear of the wheelchair



Lift L to drop the retractable restraints into the track

Once in the track slide the unit forward till L drops fixing the unit in position

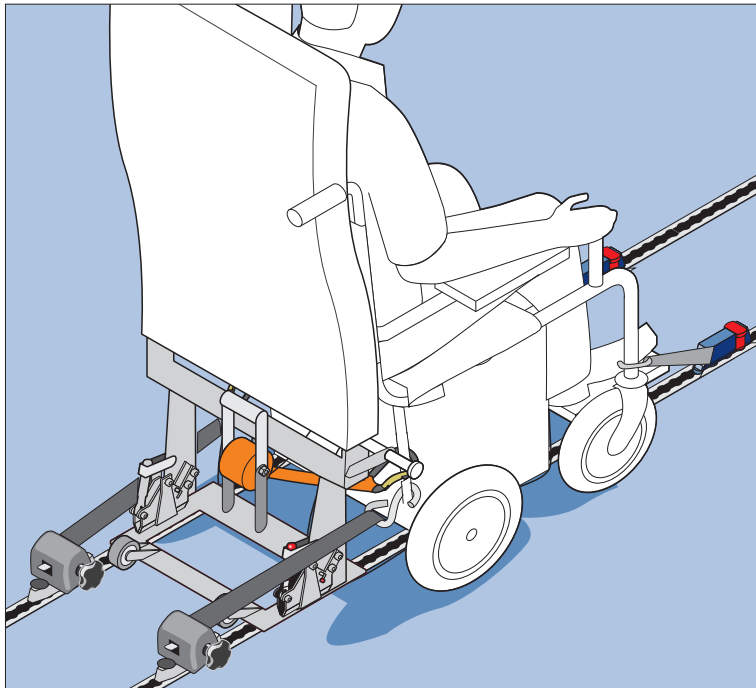
Push M down and pull the webbing

Connect the webbing to the back of the wheelchair as low down as possible on the wheelchair manufacturer's recommended securement points

Finally, remove any slack and tighten the restraint by turning the knob N on the side. Repeat this sections instructions for the other side of the wheelchair

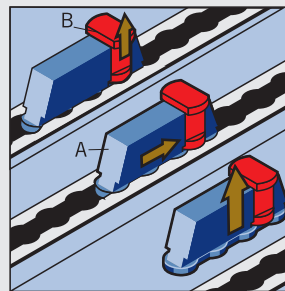


**Caution: Under no circumstances must the retractable hooks be attached to the front of the wheelchair frame**

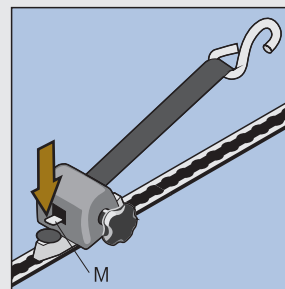


The wheelchair should now be secure

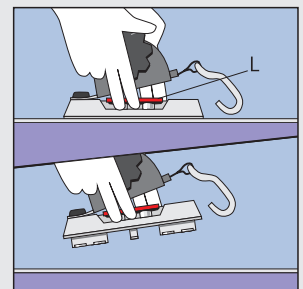
## Disconnecting the restraints



To remove pull up Plunger B, slide Plunger Stud Fitting A till the unit aligns with the holes in the track. When aligned the device can be lifted out



Press down M and disconnect the hooks from the wheelchair. Holding down M will let the restraint retract



Lift L, slide and lift out of the track

## 3: Securing the passenger - see section 4 on page 2