



*WENROSS HOLDINGS PTY LTD*

## **MANSELL INFANT RETRIEVAL SYSTEM**

# *Neodeck*

## **INSTRUCTIONS FOR FITTING A NEODECK TO A STRYKER POWER PRO XT STRETCHER**



**Parts Required:**

- 1 x Neodeck
- 2 x Front end restraints with three captive ball pins
- 2 x Rear end restraints with two captive ball pins

**Preparation of Stryker Power Pro XT (Stryker) to fit a Neodeck:**

1. Remove the Stryker from the ambulance.
2. Remove the mattress and store it securely within the ambulance. The mattress is held on by Velcro pads and straps.
3. Ensure that the back rest on the Stryker has been fully lowered.

**Fitting Neodeck to Stryker:**

1. Open Neodeck and remove the front and rear end restraints.
2. At the rear end of the Neodeck, within the U-channel are two vertical support brackets that rest on the Stryker handle. Unfold these from the Neodeck and position them so they are approximately 90° to the Neodeck as shown in Figure 1.



**Figure 1: Stryker handle vertical support brackets**

3. Place the Neodeck on top of the Stryker and ensure that the vertical support brackets shown in Figure 1 rest on the Stryker handle as shown in Figure 2.



**Figure 2: Correct positioning of Stryker handle vertical support brackets**

4. Beginning with the rear end restraint, place the restraint through the gap just inward of the Stryker handle and slip the Neodeck into the slot cut out in the rear end restraint. Slide the rear end restraint as far forward as possible. The restraint should connect with the Stryker and the two holes drilled in the top of the rear end restraint should line up with the two holes drilled in the Neodeck as shown in Figure 3. If this does not occur, reposition the Neodeck so that the holes line up and the rear end restraint has full contact with the Stryker.



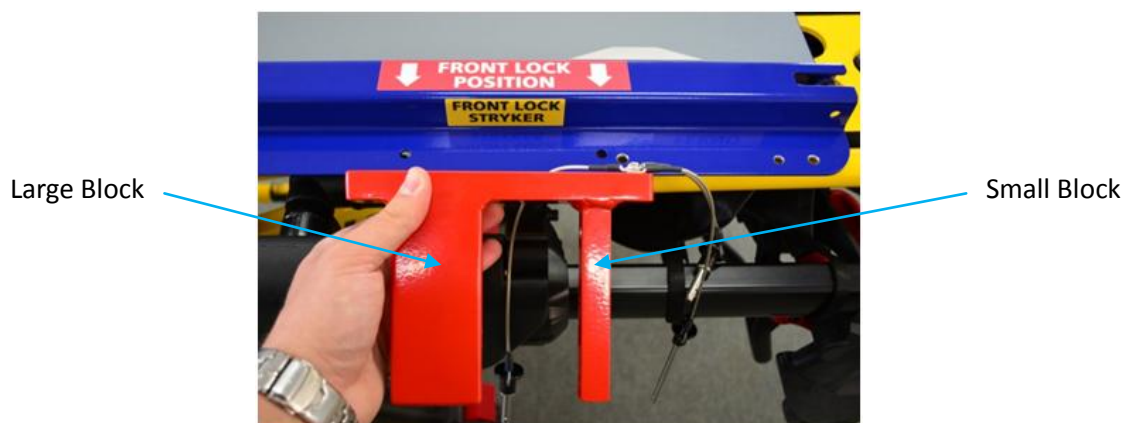
**Figure 3: A correctly positioned rear end restraint**

5. Secure the rear end restraint in place using the captive ball pins as shown in Figure 4.



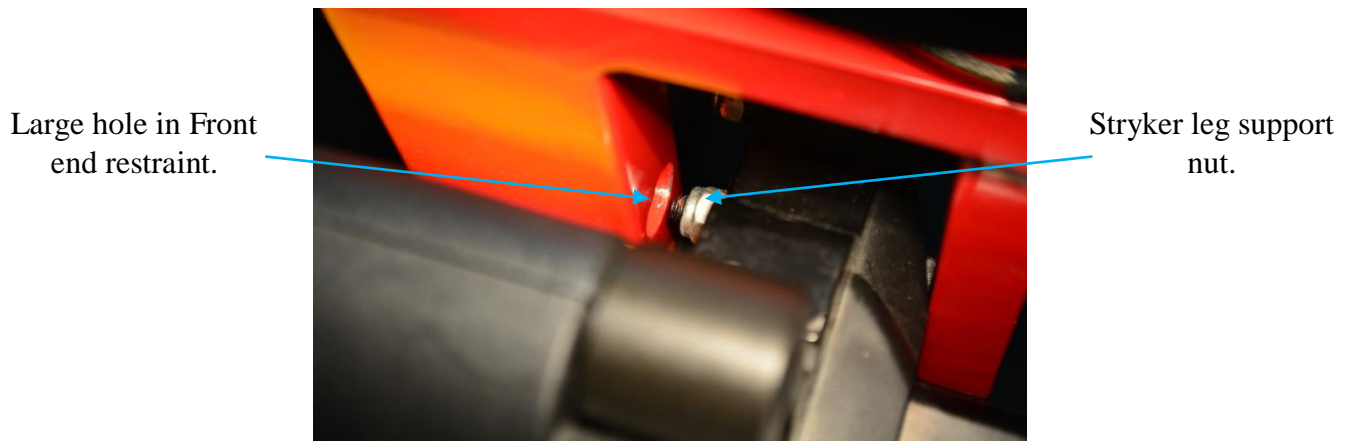
**Figure 4: Secured rear end restraint**

6. Repeat the above process for the rear end restraint on the opposite side of the Neodeck
7. Moving to the front end restraint, ensure that the larger of the two blocks is facing towards the rear of the Stryker as shown in Figure 5.



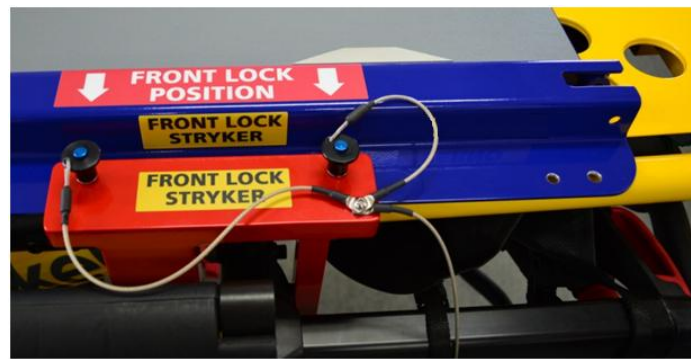
**Figure 5: Correct orientation of front end restraint**

8. It is necessary to slightly lift the Neodeck to slide the front end restraint in place.
9. There is a large hole in the large block on the front end restraint. This hole allows a nut located on the Stryker leg support to fit inside the large block as shown in Figure 6.



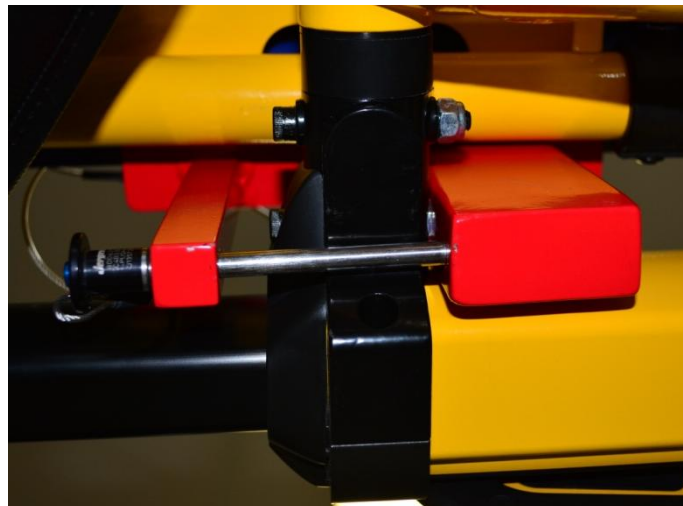
**Figure 6: Positioning the large hole in the front end restraint to accept the Stryker leg support nut**

10. Position the front end restraint so the two holes drilled in it line up with the two holes drilled in the Neodeck. Using the two shorter captive ball pins, secure the front end restraint in place as shown in Figure 7.



**Figure 7: Locking the front end restraint in place to the Neodeck**

11. Using the long captive ball pin place this through the small block and into the large block underneath the Stryker leg support as shown in Figure 8.



**Figure 8: Final securing of the front end restraint**

12. Repeat the above process for fitting the front end restraint to the opposite side.
13. To remove the Neodeck from the Stryker, reverse the above processes.
14. Once the Neodeck has been removed from the Stryker, fold it and secure the restraints for storage as shown in Figure 9.



Rear end restraints stowed



Front end restraints stowed

Figure 9: Neodeck folded for storage