



VITALS

A Weekly Safety Newsletter For Medical Transport Professionals

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Recommended Securement Instructions for Three-Wheeled Scooters

Following are recommended instructions for safely securing three-wheeled scooters during transit. We highly recommend that scooter occupants who can safely transfer to a bus seat do so. If you cannot transfer or local policy prohibits it, appropriate occupant restraints, such as lap and shoulder belts, must be used to restrain the occupant. Each transporter should establish local policy concerning transportation of three wheeled scooters.

Q'straint has developed a set of tri-wheeler belts, kit part number Q5-7583-A, consisting of a Q5- 7583 rear belt and a Q5-7583-2 front front belt (see Figure 1) that should be used during securement of tri-wheelers, along with the third rear securement belt that has been in the Q'straint inventory for many years.

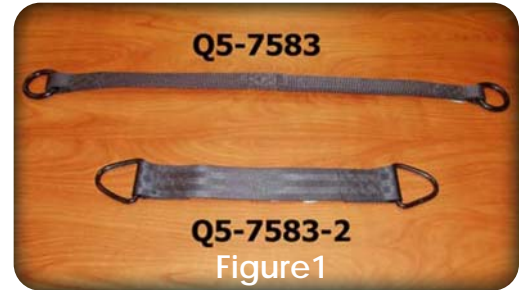


Figure 2



Figure 3



Figure 4

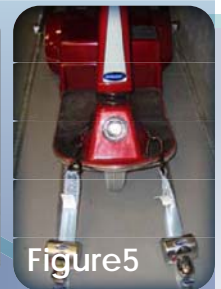


Figure 5

Place the three-wheeled scooter in the securement area facing forward (see figure 2). Turn the power off and lock the wheel locks as necessary. The two front securements should be placed in the two inside tracks on a four track system (see fig 5). Use the Q5-7583-2 padded strap on the front of the scooter, as low as possible on the lower steering support as shown in figure 3 and 4. Attach the two front securement hooks to the rings on the strap as shown on figures 3, 4 and 5 and allow the retractors to tension if automatic.

On the rear of the scooter, attach the two securement retractors to the two widest tracks on the four track system (see fig. 6). Attach the securement hooks to the seat frame as shown in figures 6 and 7. This method will stabilize the scooter. A third rear optional securement or tri-wheeler kit should be used in the rear center for increased securement. Place the strap Q5-7583 around the seat post and attach the center securement hook to the two rings of the strap as shown in figure 6.

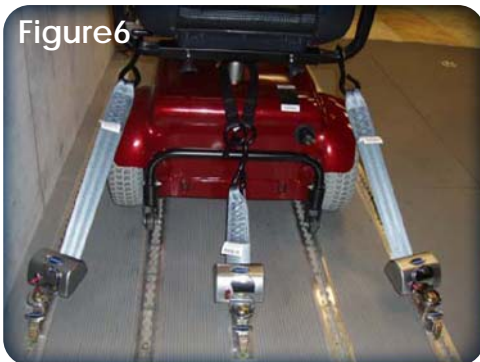


Figure 6

Release the wheel locks and move the scooter forward and backward to take up the slack in automatic self-tensioning and self-locking retractors or hand tighten manual systems. Then relock the wheel locks. The scooter is now secure.

If the occupant does not transfer during transit, the occupant restraints, both lap and shoulder belts, must be used to properly restrain the occupant. Attach the lap belts to the pin connectors on the two rear outside securements, depending on the style. Attach the shoulder belt to the lap belt in the normal fashion, depending on the type of occupant restraint system in use. The lap belt must bear on the bony structure of the body and should be worn low across the front of the pelvis with the junction between the lap and shoulder belts located near the passenger's hip. Adjust belts as firmly as possible, consistent with user comfort. Ensure that the belt is not twisted. Use height adjuster if applicable. Restraints should not be held

away from the body by wheelchair components or parts such as armrests, side panels or other devices.



Figure 7

This article is provided by Lionel Young, a Regional Sales manager for Q'Straint. If you have questions, please email it to lyoung@qstraint.com

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