

Quattro®
different. by design.

OWNER'S MANUAL



INTRODUCTION

The following information is for general maintenance and operation of the Quattro collection. Contact your local dealer or Hussey Seating Company Customer Service for more detailed information or if you have any additional questions.

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Section 1: **Letter to the Customer**

Congratulations on your new Hussey Quattro Seating Collection purchase.

Quattro sets a new aesthetic standard for upholstered seating, combining distinctive style with comfort, durability and value.

Please take the appropriate time to read and understand this manual to make the most of your Quattro purchase.

It will not only help you understand the features and benefits your new product has to offer, but it will also help you gain an understanding of the product's preventive maintenance requirements, which will help extend the product life.

Congratulations and thank you,

Ron Bilodeau
Quattro Product Manager
Hussey Seating Company



Section 2: **Product Cleaning**

2-1 **Designer series backs**

Use a soft, damp cloth with mild (non-bleach) detergent. Rinse with warm water, and wipe clean with a soft, dry, clean cloth.



2-2 **Classic series backs**

Polypropylene shells can be cleaned with commercially available cleaning compounds specifically made for use on polypropylene. Hussey Seating Company uses "Oakite Speedet" with 50% water added.



2-3 **Soft Side series backs**

Clean 100% nylon fabrics with standard upholstery fabric cleaners as specified for use on nylon, leather, or olefin fabrics. Follow fabric manufacturers recommendations for cleaning. Hussey Seating Company uses "Texize K2R Spot Remover". Use in a hidden area to determine the effects for your type of fabric as specified by the manufacturer.



2-4 **Performance series backs**

Polypropylene back can be cleaned with commercially available cleaning compounds specifically made for use on polypropylene. Hussey Seating Company uses "Oakite Speedet" with 50% water added.



2-5 **Upholstery for all series**

Clean 100% nylon fabrics with standard upholstery fabric cleaners as specified for use on nylon, leather, or olefin fabrics. Follow fabric manufacturers recommendations for cleaning. Hussey Seating Company uses "Texize K2R Spot Remover". Use in a hidden area to determine the effects for your type of fabric as specified by the manufacturer.



2-6 **Laminate**

Use a soft, damp cloth or sponge with a mild (non-bleach) detergent. Stubborn stains can be removed with a mild (non-bleach) household cleaner/detergent and soft bristled brush. Repeat as necessary. If a stain persists, use a paste of baking soda with water and apply with a soft bristled brush. Light scrubbing for 10-20 strokes should remove most stains. Use caution since baking soda is abrasive and can damage the finish if left on too long or scrubbed too hard. Do not let laminate stay wet, wipe clean with a soft, dry, clean cloth.



2-7 **Metal Finish - Paint and Powder Coat**

Clean with mild soap and water. Wipe area dry with towel to prevent rusting. When fixing scratches or nicks in the paint contact your local Hussey representative for paint and touch-up process.



2-8 **Lubrication**

All chairs, tablet arms, etc., have been pre-lubricated at the factory, and should not require any further lubrication for the life expectancy of the product

Section 3: **Maintenance & Component Operation**

Note: Since it is possible that chair parts may loosen with time and heavy usage, Hussey Seating Company recommends that the following components be checked every six months. We can also take care of this for you with Hussey Advantage, Hussey's factory backed and trained renovation and repair team - for more info call 207-676-0271 and ask for Hussey Advantage.

Inspection Areas

3-1 Anchors

A. Make sure connection bolts between the foot and floor or riser surfaces are tight.



B. Try to move stanchion from side to side and front to back. Tighten anchors to the correct torque as specified in the Assembly Instructions. Replace any missing or broken anchors.



3-2 Seat Operation

A. Once installed, the seat shall move freely up and down, when cycled. Test the operation by pulling the seat down to its occupied position and release the seat. The seat should fully return to its upright, unoccupied position, without assistance. If the seat does bind, loosen the bolts, which attach the seat to the stanchions and actuate the seat up and down and side to side. After a few cycles the seat will return to its upright, unoccupied position. Retighten hardware to specified torque.



B. Test for tight connections between the seat and stanchion. Tighten any loose hardware to the specified torque and replace any missing or broken hardware.





3-3 **Backs**

A. Inspect the wing connections and verify they are not loose. Try to move the back from side to side and front to back.

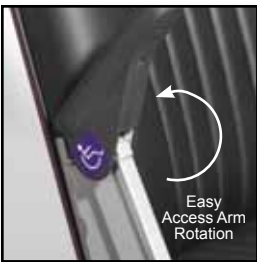


B. If hardware is loose, remove armrest. See 3-6 for proper removal of armrest. Tighten loose hardware and replace any missing or damaged hardware. Reattach the armrest.

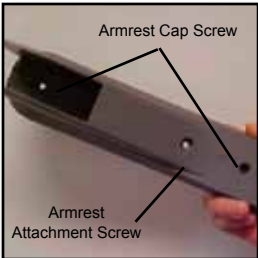


3-4 **Easy Access Arm**

A. The Quattro armrest designated for ADA compliance is pinned at the rear and can be raised to a vertical position. Quattro has a unique design that allows its cast aluminum stanchions to become an Easy Access armrest if required. These armrests allow for enhanced access for disabled patrons. This can be accomplished at any time by simply removing the pin which hinges the armrest in the fixed down position. Please see Quattro Assembly Instructions for further information.



B. Rotate armrest up and down repeatedly. If arm sticks, remove armrest (see 3-6) and inspect rotation pin. Clean area around pin and remove any dirt that may be present. This part requires no additional lubrication.



3-5 Removable Skids

A. The removable skid is anchored to the floor and can be removed from the seating area, to allow for wheel chair access. These skids are available for removal in groups up to three floor-mounted chairs.

Note: Skids are not designed or intended to be used without proper anchoring to the floor.

B. When removing the gang of chairs, install bolts into the threaded anchor inserts in the floor, so debris will not fill the holes. See Assembly Instructions for hardware use, and replace any missing or damaged hardware.

3-6 Armrest Replacement

A. Check to see if armrest is secure by trying to slide armrest forward. If armrest is damaged, remove small screw (located underneath) in the middle of the armrest. This will allow the entire armrest to slide forward, so that it can be removed from the stanchion.

B. If replacing entire armrest, slide the new armrest on to the armrest bracket and re-attach the screw located underneath the armrest.

C. If replacing the top "Arm Cap" portion, repeat step A and remove the (2) remaining armrest cap screws located underneath at the rear and forward portion of the armrest. Replace with new cap and fasten with (2) previously removed screws. Then re-attach armrest to the stanchion as described in step B. Replace any missing or damaged hardware.



3-7 **Small Tablet Arm - T1**

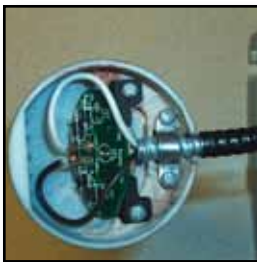
- A. The small tablet system is a panic-proof design, which rotates from the used flat position, up and forward in one continuous motion, to store in a position between the seat and stanchion.
- B. Rotate the tablet through its range of motion and make sure there is no debris between parts, which would hinder its operation. Check to make sure tablet is securely fastened to the mechanism. Hand tighten any loose fasteners, taking care not to strip fasteners. Replace any missing or damaged hardware.

3-8 **Medium Tablet Arm - T2m**

- A. The medium tablet system is a panic-proof design, which rotates from the used flat position, to a location below the seat assembly in one continuous motion.
- B. Rotate the tablet through its range of motion, and if needed, tighten the torque adjusting nut. This nut is located under the tablet end cap, and regulates the rate at which the tablet goes through its motion. The torque setting on this bolt should be 55 in-lbs (6.2 Nm). Again check to make sure the tablet surface is secured to the mechanism. Hand tighten any loose fasteners, taking care not to strip fasteners. Replace any missing or damaged hardware.

3-9 **Large Tablet Arm - T2**

- A. The large tablet system is a panic-proof design, which rotates from the used flat position, to a location below the seat assembly in one continuous motion.
- B. Rotate the tablet through its range of motion, and if needed, tighten the torque adjusting nut. This nut is located under the tablet end cap, and regulates the rate at which the tablet goes through its motion. The torque setting on this bolt should be 55 in-lbs (6.2 Nm). Again check to make sure the tablet surface is secured to the mechanism. Hand tighten any loose fasteners, taking care not to strip fasteners. Replace any missing or damaged hardware.



3-10 Aisle Lights

Caution: Prior to doing any work on Aisle Lights, you must turn off the power supply to all Aisle Lights. If you do not have basic wiring knowledge, or do not feel comfortable, please contact your local electrician.

A. The Quattro Aisle Light is a low voltage LED based option available in two locations. It is located either at the Quattro axis, or on the rear outside of the armrest. This light is virtually maintenance free, with the lighting element lasting more than 75,000 hours between replacements.

B. Check for any exposed wires, damaged or non-working components. Replace any missing or damaged components, and contact your local Hussey Seating representative for replacement parts.

C. Element Replacement - First remove the attachment screw located on the bottom right side of housing and then tip the bottom of the housing slightly up and away from the arm. Next, lift the top of the housing off of the lip beneath it to expose the interior of the aisle light.

D. With the housing hanging on the conduit, pull the two pins from the sockets in the element, remove the two screws holding the element in place and remove it. Finally, remove the flexed mylar window from the slots in the old element and reinstall the window similarly in the new element. To reinstall the aisle light, reverse the preceding steps. Turn on power supply and verify all aisle lights are properly working and safe.

NOTE: All replacement hardware should be equal in size and quality to the original hardware. Hussey Seating Company will not be held liable for use of improper hardware. Please contact Customer Service for additional information or conditions not covered by this manual.



Hussey Quattro Seating Collection

Section 4 - Five-Year Product Warranty



Hussey Seating Company, hereafter referred to as HSC, warrants the products described on the attached schedule against defects due to faulty design, material or workmanship on HSC's part for a period of 5 years from the date of completion, provided that the products furnished and installed in the designated project, are continuously used and maintained in accordance with HSC published instructions on maintenance and periodic inspection, and installation is completed by HSC approved installers. Completion date is determined as the date of official *hand-over* and will be confirmed in writing by HSC at the time the Official Warranty is issued.



Normal wear and tear, abuse, vandalism, alterations of products, acts of God, casualty loss or other matters beyond HSC control will not be construed as fault in design, material or workmanship. "This Warranty only applies to products sold by Hussey that are: manufactured and or supplied by HSC. The manufacturer's warranty shall apply for all other items included in, or components of, HSC products (including fabrics)."



This warranty may not be altered except in writing by an officer of HSC. HSC obligations are limited to repair and/or replacement of any HSC product found to be defective due to faulty design, material or workmanship.

THIS WARRANTY IS AN EXCLUSIVE WARRANTY AND ALL OTHER WARRANTIES, IMPLIED OR OTHERWISE, INCLUDING THE IMPLIED WARRANTIES OF *MERCHANTABILITY* AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY DISCLAIMED.



HSC shall not be liable (in contract, tort or otherwise) for any special, indirect, incidental, punitive or consequential damages of any kind. In any event, no claim of any kind shall be greater than, nor shall HSC in any event be liable for, an amount in excess of the purchase price of the HSC product about which any such claim has been made.

Timothy B. Hussey, President
Chief Executive Officer

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Hussey Seating Company™

Hussey. Your partner for seating solutions.



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