

# MATRIX<sup>®</sup> HUG HEADREST PADS/INSERTS



**DEALER:** This manual MUST be given to the user of the product.

**USER:** Before using this product, read this manual and save for future reference.

*This manual may not be reproduced or reprinted either partly or completely without previous written consent from Motion Concepts or its statutory representatives.*

*This user manual is compiled from the latest specifications and product information available at the time of publication. We reserve the right to make any necessary revisions as they become necessary. Any changes made to our products may cause slight variations between the illustrations and explanations in this manual and the product you have purchased. If you have any questions or concerns regarding the information provided in this manual, please contact our Customer Service Department for assistance.*

# MATRIX HUG HEADREST, USER MANUAL

## 1.0 GENERAL

### 1.1 SAFETY SYMBOLS:

Proper set-up and safe use of your Matrix® product depends on your own good judgement and common sense, as well as that of your provider, caregiver and/or health professional.

The following symbols are used throughout this user manual to indicate warnings, cautions and important notes and information. The warning symbols are accompanied by a heading that indicates the severity of the danger.

 **IMPORTANT!** Indicates important information which if not followed could result in damage to the product.

 **CAUTION!** Indicates a potentially hazardous situation which if not avoided could result in product damage, minor injury or both.

 **WARNING!** Indicates a potentially hazardous situation which if not avoided could result in death or serious injury.

 This product complies with the EU Medical Device Regulation 2017/745 for medical products (Class I).

### 1.2 IMPORTANT INFORMATION

#### **IMPORTANT!**

This user manual contains important information about the handling of the product. In order to ensure safety when using the product, read the user manual carefully and follow the safety instructions. For additional product information or if you have questions regarding this or any other Matrix® product, please contact Motion Concepts for assistance (see contact information on the back page of this manual).

#### **IMPORTANT!**

- INFORMATION CONTAINED IN THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE.
- Check all parts for shipping damage PRIOR to use. In case of damage, DO NOT use cushion; please contact your local service provider or Carrier for further instructions.

 **IMPORTANT!** Please refer to the Wheelchair Owners/Operators Manual for additional safety information, warnings and cautions related to the operation of your wheelchair.

 **IMPORTANT!** If a serious injury occurs in relation to the use of this product, it should be reported to Motion Concepts and/or Invacare as soon as possible following the incident.

### 1.3 WARRANTY

We provide a manufacturers warranty for this product in accordance with our General Terms and Conditions of Business in the respective countries. Warranty claims can only be made through the provider from whom the device was purchased.

### 1.4 SERVICE LIFE

The expected service life of this product is three years when used in accordance with safety instructions and intended use, stated in this manual. The effective service life can vary depending on frequency and intensity of use.

### 1.5 INTENDED USE

Matrix® Hug Headrest Pads are designed to provide effective posterior head support while maintaining optimal comfort and positioning.

## 2.0 HUG HEADREST (PADS AND INSERTS)

Our plush, hypoallergenic, lightweight Hug Headrest is designed using a down alternative StaminaFiber® filled pad/insert. The Hug Headrest inserts are quilted to hold the StaminaFiber® filling in place. The inserts are breathable to help the user stay cool, and fully machine washable, for easy cleaning and disinfection. The Hug insert fits easily onto the aluminum headrest backing plate, which can be further shaped/formed to the desired contour for maximum comfort. Our Hug Headrests are sized identical to our Elan Headrests Pads and utilize the same (interchangeable) outer covers. The outer covers are available with standard Startex™ fabric or with an optional infection control (-IC) cover (reversed-Startex™ fabric). All headrest covers are moisture resistant and breathable, and may be removed for laundering if necessary.

**Hug Headrests** are designed for use with our line of Matrux® Elan Headrest Hardware (**MEHW/MEMH/MEHW-EXT**), and our Matrux® LOXX™ hardware (**LXSHW/ LXSMH**), and are also compatible for use with most industry standard (OEM) headrest mounting hardware that utilizes a 1" (25mm) pivot ball. (*Note: Headrest mounting hardware is sold separately*)

**⚠ WARNING! Risk of Serious Injury**  
**Injury may occur during use of the wheelchair if a headrest is wrongly adjusted or not installed correctly. The users neck may become hyperextended in the event of a collision, or when the system is tilted or reclined.**

- *This product must be fitted by an experienced clinician or technician.*
- *Before each use, check that all mounting/adjustment hardware is securely fastened.*

**⚠ WARNING! Risk of Serious Injury**  
**Risk of serious injury when transporting a client in a motor vehicle within a wheelchair fitted with the Matrux® LOXX™ or Matrux® Elan Headrest Hardware.**

- *Wherever practicable Motion Concepts recommends that the client is transferred out of the wheelchair into a vehicle seat using a lap and diagonal seat belt or an appropriate child safety seat.*
- *Our Matrux® LOXX™ Hardware and Matrux® Elan Hardware should be used in conjunction with wheelchairs that comply with the performance requirements of RESNA WC19 or ISO 7176–19.*
- *For safe transportation of a client within a wheelchair in a motor vehicle, refer to the user manuals provided with the wheelchair, and the tie-down and occupant restraint system (WTORS).*

### HUG HEADREST PADS/INSERTS



ESP6-HUG	Matrux Hug Standard Pad 6"W x 3.5" w/ Startex® cover
ESP10-HUG	Matrux Hug Standard Pad 10"W x 3.5" w/ Startex® cover
ESP14-HUG	Matrux Hug Standard Pad 14"W x 3.5" w/ Startex® cover
ESP6-IC-HUG	Matrux Hug Standard Pad 6"W x 3.5" w/ Infection Control cover
ESP10-IC-HUG	Matrux Hug Standard Pad 10"W x 3.5" w/ Infection Control cover
ESP14-IC-HUG	Matrux Hug Standard Pad 14"W x 3.5" w/ Infection Control cover
HUG-HRPAD6	Matrux Hug 6" Headrest Insert only*
HUG-HRPAD10	Matrux Hug 10" Headrest Insert only*
HUG-HRPAD14	Matrux Hug 14" Headrest Insert only*

\*Note: Hug Inserts are available as replacement to the molded green foam inside the corresponding Elan Headrest Pad.

**ⓘ IMPORTANT!** Be certain to also read through the OEM User Manual for the Headrest Mounting Hardware (sold separately), for additional safety information and warnings related to the installation and maintenance of the headrest hardware.

## 2.1 INSTALLING THE HUG INSERT

**i NOTE:** The Hug Insert may be installed as a replacement to the green foam pad in our **Matrix® Elan Headrests**. Prior to installation, you must remove the existing outer headrest cover, then carefully remove the molded green foam pad from the headrest mounting plate.

### INSTALLATION INSTRUCTIONS (HUG INSERT):

1. Carefully install the hug insert (pad) **(1)** onto the headrest mounting plate **(2)** (**Note:** the rear flaps on the hug insert can be stretched to fit around the headrest mounting plate)
2. Ensure the insert/pad is properly fitted and centered on the headrest mounting plate **(3)**, then re-install the outer headrest cover and close the zippers **(4)**.



'stretch-fit' the hug insert onto the mounting plate



Install outer headrest cover and close zippers



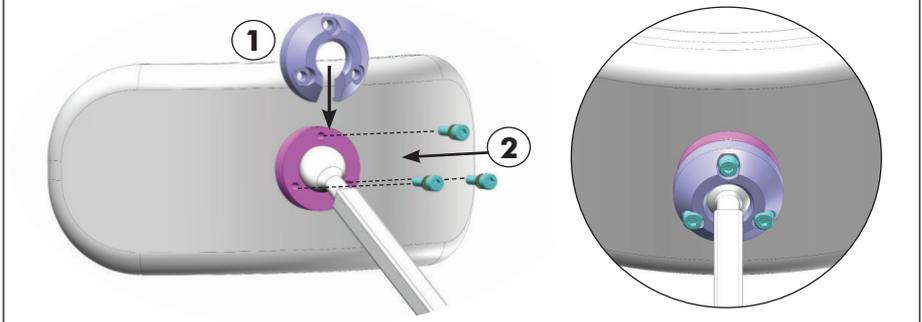
## 2.2 INSTALLING THE HUG HEADREST

### INSTALLATION INSTRUCTIONS (HUG HEADREST): (see Fig 1 below)

1. Position the headrest mounting collar over the pivot ball on the headrest mounting hardware **(1)**;
2. Align and secure the mounting collar to the headrest pad **(2)** via mounting screws (x3) - see **IMPORTANT!** note below.

**i IMPORTANT!** Following installation or adjustment, ensure that ALL mounting screws are properly aligned and threaded carefully into the headrest pad. Each screw should be installed & tightened evenly to prevent risk of cross-threading, and to ensure the mounting collar is properly secured to the headrest pad.

**Fig. 1 Headrest Pad Installation**



## 3.0 CARE AND MAINTENANCE

### 3.1 INSPECTION

#### **WARNING! Risk of injury or damage**

- Do not continue to use this product if problems or damage are discovered;
- Corrective maintenance can be performed at or arranged through your service provider

Frequent visual inspection of all components, including upholstery materials, foams (if accessible) and any hardware or plastics, should be performed to identify any breakage, deformation, punctures, wear and tear or compression. Replace damaged/worn components if necessary.

### 3.2 CLEANING AND DISINFECTION OF COVERS

#### **WARNING! Risk of damage**

To avoid infectious exposure, inspect cushion thoroughly and properly clean and disinfect any materials soiled with blood or other bodily fluids.

#### **CAUTION! Risk of damage**

- DO NOT use cleaning and disinfecting agents with abrasive, staining, or polymer-damaging properties such as phenols, alcohols, or bleaches. Chlorine solutions used even in low concentrations on a regular basis can diminish the life of the cover.
- Chosen cleaning agents and disinfectants must be compatible with one another in order to effectively protect the materials on which they are applied.
- Keep clear of open heat sources during cleaning.

#### **General Cleaning**

The knitted fabric side of the headrest cover can be wiped with a damp absorbent towel, cloth, or paper towel. Remove all gross contamination from surface (i.e. food particles, blood, bodily fluids). Spot-clean with mild soap and water.

Matrx® infection control covers are polyurethane (PU) coated on the outer surface and are designed for easy cleaning and disinfection.

#### **Cleaning and Disinfection Instructions** *(for Infection Control Covers)*

The infection control cover can be cleaned and disinfected with ready-to-use disinfecting wipes 3M, Virox Accel TB, Accel Prevention, PREempt, OPTIM 33 TB, or other wipes with similar formulations. Note that the surface should be cleaned first, with all gross contamination (i.e. food particles, blood, bodily fluids) first removed with absorbent material (cloth or paper towel). Ensure the coated surface of the cover is clean by wiping with one of the 2-in-1 cleaning and disinfecting wipes mentioned above.

To disinfect, liberally wipe the surface with the ready-to-use disinfecting wipe again. Avoid pooling of the disinfectant and ensure the disinfectant is distributed equally over the cover surface. Wipe dry after recommended dwell time (refer to each disinfecting products manufacturing instructions). It is best practice to wipe the surface with a damp cloth, mild soap, and finally a damp cloth no matter what disinfectant is used.

#### **MACHINE LAUNDERING INSTRUCTIONS** (COVER AND HUG INSERT)

**Headrest Cover:** The outer cover may be removed and cleaned in a laundering machine. Carefully unzip the outer cover from the foam pad. To avoid possible damage to the cover, the zipper of the cover should be closed prior to laundering, and covers should not come in contact with any other sharp garment accessories. Wash at warm temperature not higher than 60°C (140F), using neutral detergents such as Tide or Persil.

## 3.0 CARE AND MAINTENANCE

### MACHINE LAUNDERING INSTRUCTIONS (...cont'd)

**Hug Insert:** The Hug Insert (quilted pad) may be removed and cleaned in a laundering machine on a gentle cycle. Unzip and remove the outer cover from the Hug Headrest, then carefully remove the Hug Insert from the headrest mounting plate. To protect the integrity of the quilted insert/pad, ensure it does not come in contact with any other sharp garment accessories. Wash at warm temperature not higher than 60°C (140F), using neutral detergents such as Tide or Persil.

### DRYING

**Headrest Cover:** Adequate drying is a crucial factor in the care and maintenance of the covers. The covers should be dried completely prior to use. Air drying is the method of choice. DO NOT WRING OUT. Hang cover and allow it to drip dry to minimize wrinkling. Alternatively, covers may be tumble-dried on low/cool setting. Cushion covers should not be ironed or pressed.

 *Polyurethane (PU) coated fabrics can absorb liquids for short periods causing a temporary change to the PU characteristics. The wet cover is more vulnerable to physical damage and should not be used until fully dried.*

**Hug Insert:** The Hug Insert contains non-absorbant, fast-drying StaminaFiber® material. Air drying is the method of choice. Hang the Hug Insert and allow it to drip dry. Alternatively, the Hug Inserts may be tumble-dried on low/cool setting. Hug Inserts should not be ironed or pressed.

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