

# Matrix® ELAN HEADREST PADS



**Standard Pads**



**Occipital Pads**



**4-Point Pads**

## USER MANUAL

**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.



**Motion Concepts**

**USA**  
700 Ensminger Rd. Suite 112  
Tonawanda, NY 14150  
888-433-6818

**www.motionconcepts.com**

**Canada**  
84 Citation Dr., Unit 1-10  
Concord, Ontario L4K 3C1  
866-748-7943

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**TRD0676 Rev A**

## 1.0 GENERAL

### 1.1 SAFETY SYMBOLS:

The following symbols are used throughout this user manual to identify warnings, cautions and important notes. It is very important that you read and understand them completely.

 **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 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.

### 1.3 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.

## 2.0 ELAN HEADREST PADS

Our lightweight Elan headrest pads are comprised of a dual density co-molded foam pad that surrounds an aluminum backing plate, which can be further shaped/formed to the desired contour for maximum comfort. Our Elan headrest covers are available in our standard Startex™ fabric or with an optional infection control (-IC) cover (reversed-Startex™). All headrest covers are moisture resistant and breathable, and may be removed for laundering if necessary.

Our wide range of **Elan Headrest Pads** are designed for use with our line of Matrx® Elan Headrest Hardware (**MEHW/MEMH/MEHW-EXT**), and our Matrx® 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. (*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 Matrx® LOXX™ or Matrx® 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 Matrx® LOXX™ Hardware and Matrx® 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).*

**i 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 ELAN HEADREST PAD INSTALLATION:

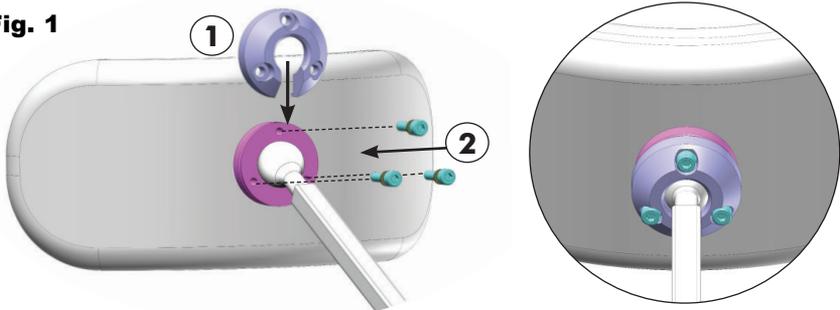
**Headrest Pad Installation Instructions:** (see **Fig 1** below)

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

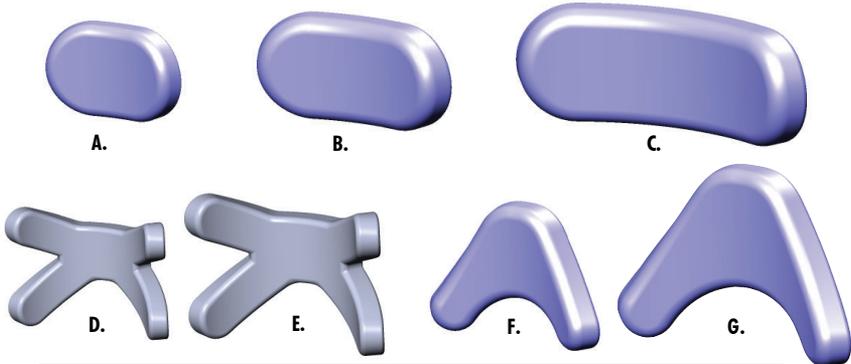
**i NOTE:** Following installation or adjustment, ensure that ALL mounting screws are properly aligned and threaded carefully into the headrest pad. Each screw should be installed & tightened evenly to prevent risk of cross-threading, and to ensure the mounting collar is properly secured to the headrest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

### Headrest Pad Installation

**Fig. 1**



### Elan Headrest Pads



Description	Imperial	Metric	Imperial	Metric
A. Elan Standard Pad	ESP6	(ESP15)	ESP6-IC	(ESP15-IC)
B. Elan Standard Pad	ESP10	(ESP25)	ESP10-IC	(ESP25-IC)
C. Elan Standard Pad	ESP14	(ESP36)	ESP14-IC	(ESP36-IC)
D. Elan 4-Point Pad-sm	E4PTSM	(E4PTSM)	E4PTSM-IC	(E4PTSM-IC)
E. Elan 4-Point Pad	E4POINT	(E4POINT)	E4POINT-IC	(E4POINT-IC)
F. Elan Occipital Pad	EOP9	(EOP23)	EOP9-IC	(EOP23-IC)
G. Elan Occipital Pad	EOP12	(EOP31)	EOP12-IC	(EOP31-IC)

*(-IC = Infection Control Cover)*

## 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;

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

#### **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.

### OUTER COVER:

#### General Cleaning

The knitted fabric side of the 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.

#### 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

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. Washing in warm temperatures not higher than 60°C (140F) can be performed using neutral detergents such as Tide or Persil.

#### Drying

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 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.