



# ERMHU

## Extended Range Mounting Hardware Upgrade

**Optional Extension Hardware**

*for use with*

**MaTRx Easy-Set, Heavy-Duty**

**and Fixed Space Saver**

**Mounting Hardware**

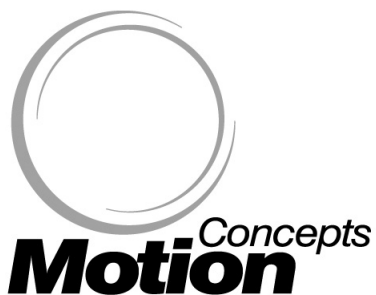
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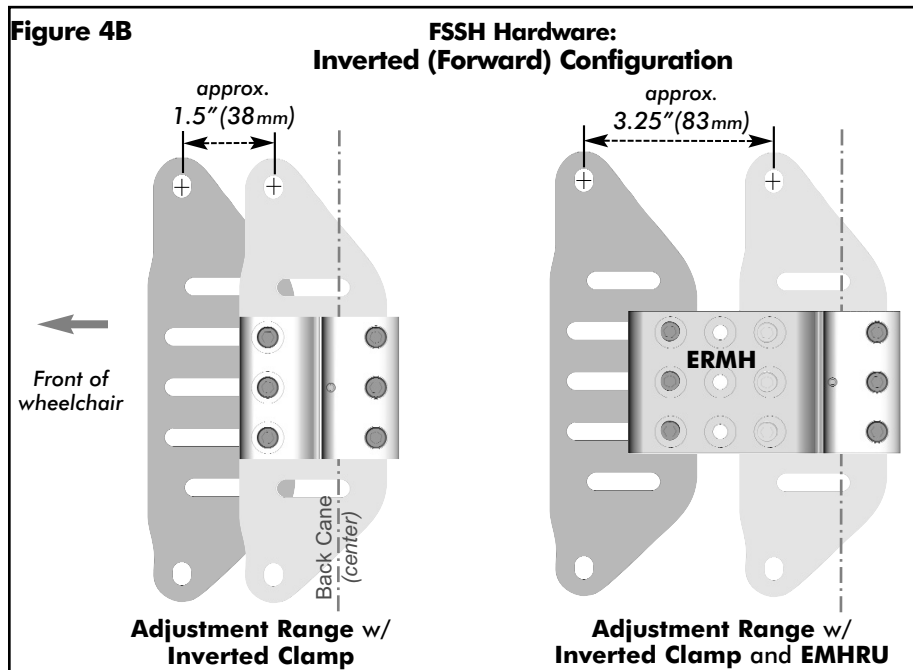
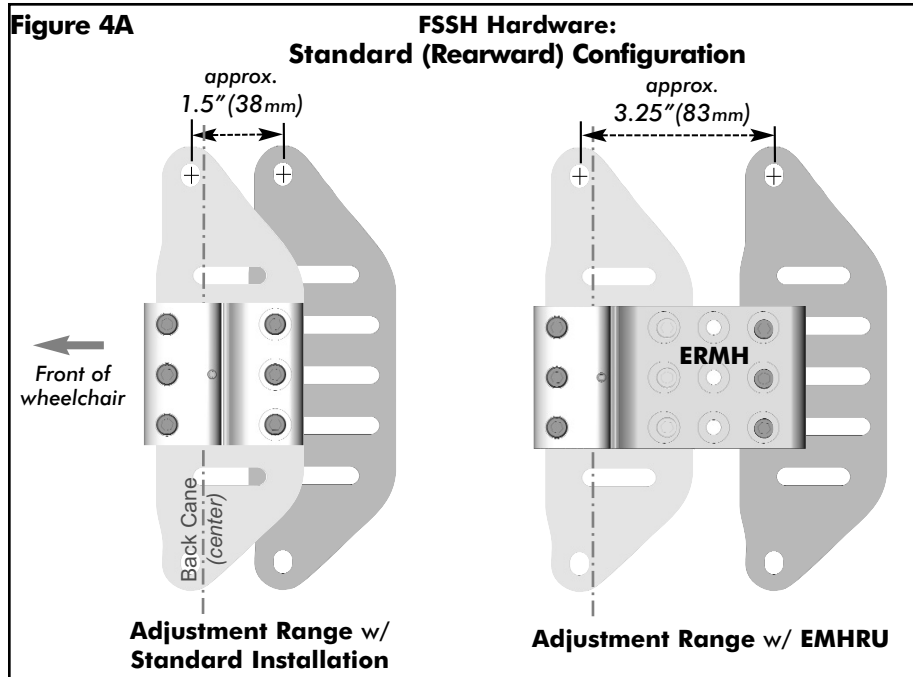
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**Notes:**

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### Extended Range Mounting Hardware Upgrade (ERMHU)



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The extended range mounting hardware (ERMH) is designed to provide additional depth adjustment to our MaTRx series back cushions when needed.

The ERMH is compatible with our standard Easy-Set Mounting Hardware, as well as our Heavy-Duty Mounting Hardware and our Fixed Space Saver Mounting Hardware (FSSH). The extended mounting plate is capable of providing an additional 1.75" (44mm) of forward and/or rearward depth adjustment to the back cushion.

#### ! PLEASE NOTE

When establishing the mounting position for the MaTRx back, ensure the stability of the wheelchair is not compromised.

Adjusting the fore and aft position of the backrest will alter the user's center of gravity within the wheelchair. A recessed back position can significantly reduce the rearward stability of the wheelchair. Similarly, a more forward back position will reduce the wheelchair's forward stability.

### Installing the Extended Range Mounting Hardware

The new ERMH clamping plates are assembled using the outer (front) clamp component of the original mounting clamp assembly (utilizing the original screws). The new ERMH plate replaces the original rear clamping plate as illustrated in the ERMH Installation Overview drawing (Figure 1.0, p.2)

The ERMH mounting clamp assembly may be installed in the standard rearward configuration (to position the back cushion behind the back canes), or installed in the inverted (forward)\* configuration to place the mounting clamp assembly (and back cushion) in front of the back canes.

**\*Note:** to achieve the forward configuration, the mounting plates must be re-installed in an inverted position (as illustrated in Figure 1.0, "In Front of Cane Mounting")

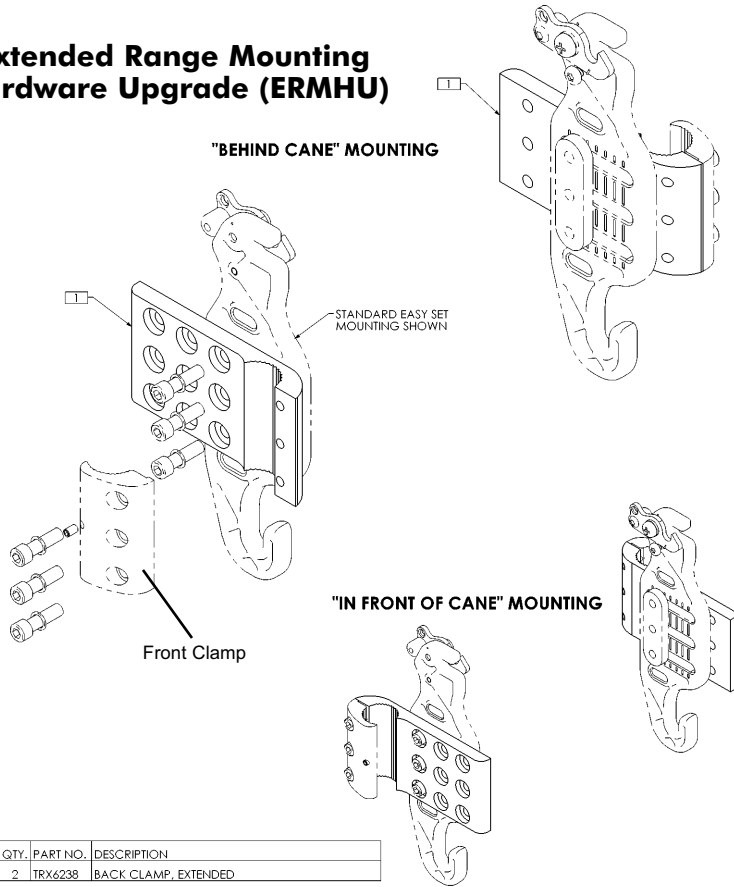
The ERMH mounting plate offers two additional depth adjustment options when securing the clamp assembly onto the mounting bracket (Depth adjustments are offered in 7/8" (22mm) increments- see Figure 2.0, p.2). The final depth/position of the MaTRx back cushion may be further adjusted (fore & aft) via the 1.5" (38mm) slots in the mounting brackets. The maximum depth adjustment that can be achieved using the ERMH is +/- 1.75" (44 mm) beyond the standard mounting hardware configuration.

Please refer to Figures 3A/3B and 4A/4B (p.3-4) for images illustrating the range of adjustment and mounting configurations available with the ERMH upgrade.

**Extended Range Mounting Hardware Upgrade (ERMHU)**

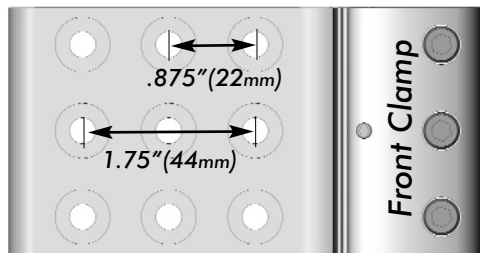
**Figure 1.0 - Installation Overview Drawing**

**Extended Range Mounting Hardware Upgrade (ERMHU)**



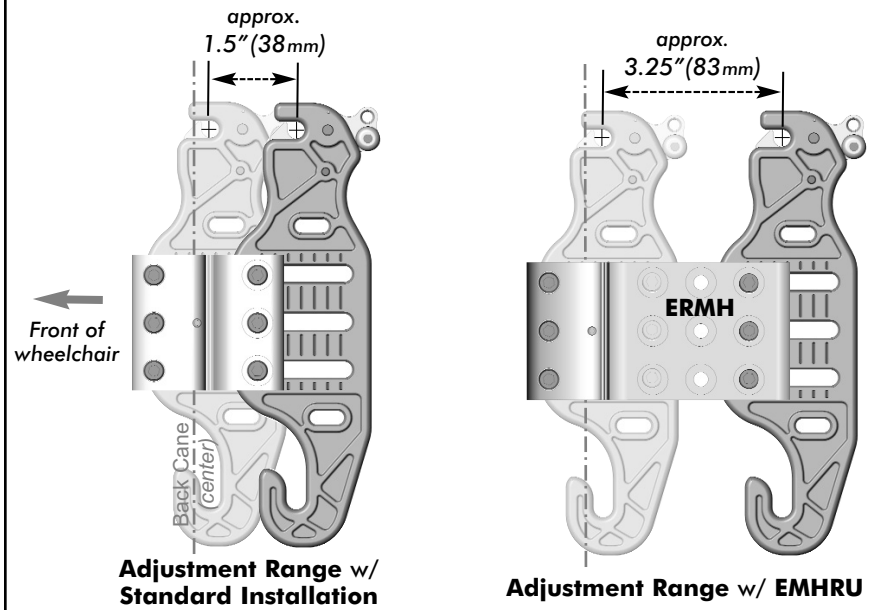
**Figure 2.0**

**Extended Range Mounting Plate**



**Extended Range Mounting Hardware Upgrade (ERMHU)**

**Figure 1A Easy Set Hardware and/or Heavy Duty Hardware: Standard (Rearward) Configuration**



**Figure 1B Easy Set Hardware and/or Heavy Duty Hardware: Inverted (Forward) Configuration**

