

# **INSTRUCTION GUIDE**

## **FOR**

### **BRACKET PRO SERIE™**

### **MOUNTING SYSTEM** **SURFACE BASE**

### **INSTALLATION FOR:** **Surface base Standard or** **Extended version**

**Version 2.0**

## **INSTRUCTIONS FOR SURFACE BASE**

### **WARNING:**

*We do our best to manufacture a product with high quality. However, it may happen that some section on the parts can be very cutting and sharp, please handle with care.*

### **Description:**



This bracket mounting system comes in two sections; one section (part 1) to be installed on the medical device and the second section (part 2) to be installed into the vehicle or on crash cart. This instruction concerns the installation on the bracket mounting on the surface base. **The second part, the support base mounting (part 2) must be installed by a professional of the industry certified, on validated installation points on horizontal surface.** To fix it, 4 points of insertion of bolt must be used; we recommend using those four points.

### **Contents:**

- 1 X Support base to be installed on a surface in the vehicle or crash cart (figure 1 & 2)
- 1 X Instructions sheet

**\*\* Screws for support base mounting are NOT provided with your package; installer will chose the appropriate screw, or bolt and nut according to the mounting points. \*\***

### **Tools required:**

- 1 x Philips screwdriver (star) ;
- 1 x Socket or Wrench SAE for bolt size of 3/8" - 10-32 -

### **Product Identification:**



Figure 1  
**Support base standard version**



Figure 2  
**Support base extended version**

## **Instructions for surface base installation**

### **RECOMMENDATIONS FOR INSTALLATION**

This installation must be realized by a certified and experienced technician of the industry ; meaning a technician certified in this type of installation, recognized or accredited by an ambulance builder, or emergency vehicle manufacture or a member of the staff who built the vehicle or a technician from a firm designated by the ambulance manufacturer, or a person officially authorized to proceed to this type of installation, supported by the administrator of the ambulance service.

### **DESIGNATION OF THE INSTALLATION OR THE POSITION INTO THE VEHICLE**

Because different configurations with the position and placement for the installation, and related to different layouts of the back of the ambulance or into the emergency vehicle (and different crash cart) ; **Technimount System** or its subsidiaries, cannot describe with precision the position or location of the installation, inside the patient compartment. It should be the engineer, technician, or the representative of the vehicle builder to decide with agreement of the ambulance operator, the ideal location or the most effective place, for the installation.

### **RESPONSABILITIES RELATED TO THE INSTALLATION**

**Technimount System** or its subsidiaries cannot be responsible for the quality of the installation, the selection of the emplacement of the system, or the position into the patient compartment onboard of the vehicle. It is strictly the responsibility and the right of the ambulance operator (administrator) to make sure that the installation is safe and complies with the regulations and has a minimum of four (4) mounting points with the surface base.

### **ADVICE FOR INSTALLATION**

The surface base must be set in place with four (4) points of installation, with new bolts and nuts in stainless steel 316, with a minimum dimension of 10-32 for the body of the bolt, properly tight, in alternans, with a torque minimum of 15-25 N.m., combined with a bolt sealer like *Loctite 2400* (blue), or a similar product, in order to avoid an untighten bolt or premature losing, over time.

### ***Standard Base and Extended version***

Both surface bases (standard & extended) have the same location for the bolt holds, for the four (4) holds. In consequence, no matter if you install a standard base or an extended version, the holds are exactly at the same location. Instructions and dimensions for the position are similar.

### **INSTALLATION**

The following drawings will help you to create a template in order to positioned the four holds for the installation on the surface.

Please note there is a product at Technimount called *Wall Mount System™* (600-00-WMA), that helps to install the surface base, from a wall or a vertical support, instead of an horizontal surface. This solution is offered for specific situation of installation, which we don't have strong anchorage points or not enough resistance on an horizontal plan.



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**ALL THE DIMENSIONS OF THE DRAWING ARE IN INCH (In.)**



*Front view of the Surface base standard*

**WARNING:**

In order to install the surface base safely on the upper plate support of the arm, the 4 points of insertion of bolt must be used; we recommend using all those (4) four points, with screws and bolts, and add Loctite product for avoiding losing screws over time.

**NOTE:**

**PLEASE VERIFY YOUR LOCKING MECHANISM ON THE BASE PART PRIOR THE FINAL INSTALLATION ON YOUR SURFACE, IN ORDER TO DETECT ANY MALFUNCTION.**



*Final installation suggested*

**MAINTENANCE:**

We recommend cleaning the disc under the medical device after each use, and the surface base mount as well, after each use. To prevent any malfunction or issue, clean carefully the components, at least once a month with a soft soap and linen, to remove any dust or small particles on the mounting bracket. **Do NOT disassembly the mechanism**, if you suspect any malfunction, please contact us.

If any question, please call your distributor or Technimount System at **581.998.9820** or email us at: [info@technimount.ca](mailto:info@technimount.ca) or [techsupport@technimount.com](mailto:techsupport@technimount.com)

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Thanks !