



TECHNIMOUNT

EMS™

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INSTRUCTION GUIDE

FOR

BRACKET PRO SERIE™

MOUNTING SYSTEM **SURFACE BASE**

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

Version 2.3

INSTRUCTIONS FOR SURFACE BASE

WARNING:

We do our best to manufacture a product with the highest quality control measures possible. However, it is possible to encounter a part that may exhibit sharp edges, please handle with care.

Description:



This bracket mounting system comes in two parts; Part (1) Bracket - to be installed on the medical device and Part (2) Surface Base - to be installed in the vehicle or on a crash cart. These instructions relate to the installation of the support base or Part (2). **Part (2), the surface base must be installed by a professional or is industry certified, on validating installation points on a horizontal surface.** To install the surface base, there are 4 drilled holes on the support base where 4 bolts are inserted to secure the surface base to the surface; we recommend using all four attachment 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

**** Mounting hardware for the surface base is NOT provided with your package; installer will have to select the appropriate length and type of bolt and nut combination according to the mounting/attachment points. Install with 4 x 18-8 SS Flat Head Screw - 82 Degree Countersink, 10-32 Thread ****

Tools required:

1 x Philips screwdriver (star) ;
1 x Socket or Wrench SAE for bolt size of 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 LOCATION IN THE VEHICLE

Due to different vehicle configurations, layouts of patient compartments and types of crash carts used in the hospital setting; **Technimount System** or its subsidiaries, cannot describe with precision the position or location of the installation. A qualified engineer, technician, or a representative of the vehicle builder should work with the client in deciding the most appropriate, secure & safe location.

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 in the patient compartment of the vehicle. It is strictly the responsibility and the right of the ambulance operator (Administrator) to make sure that the installation is safe, complies with the regulations and has a minimum of four (4) mounting points attached to the surface base.

ADVICE FOR INSTALLATION

The surface base must be set in place with four (4) points of installation or attachment, with new bolts and nuts in stainless steel 316, with a minimum dimension of 10-32 for the body of the bolt, properly tighten, in alternation, 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 loosing, over time.

Standard Base and Extended version

Both surface bases (standard & extended) have the same location for the 4 bolt holes. Regardless, if you install a standard base or an extended version, the holes are located at the exact same location. Instructions and dimensions are similar.

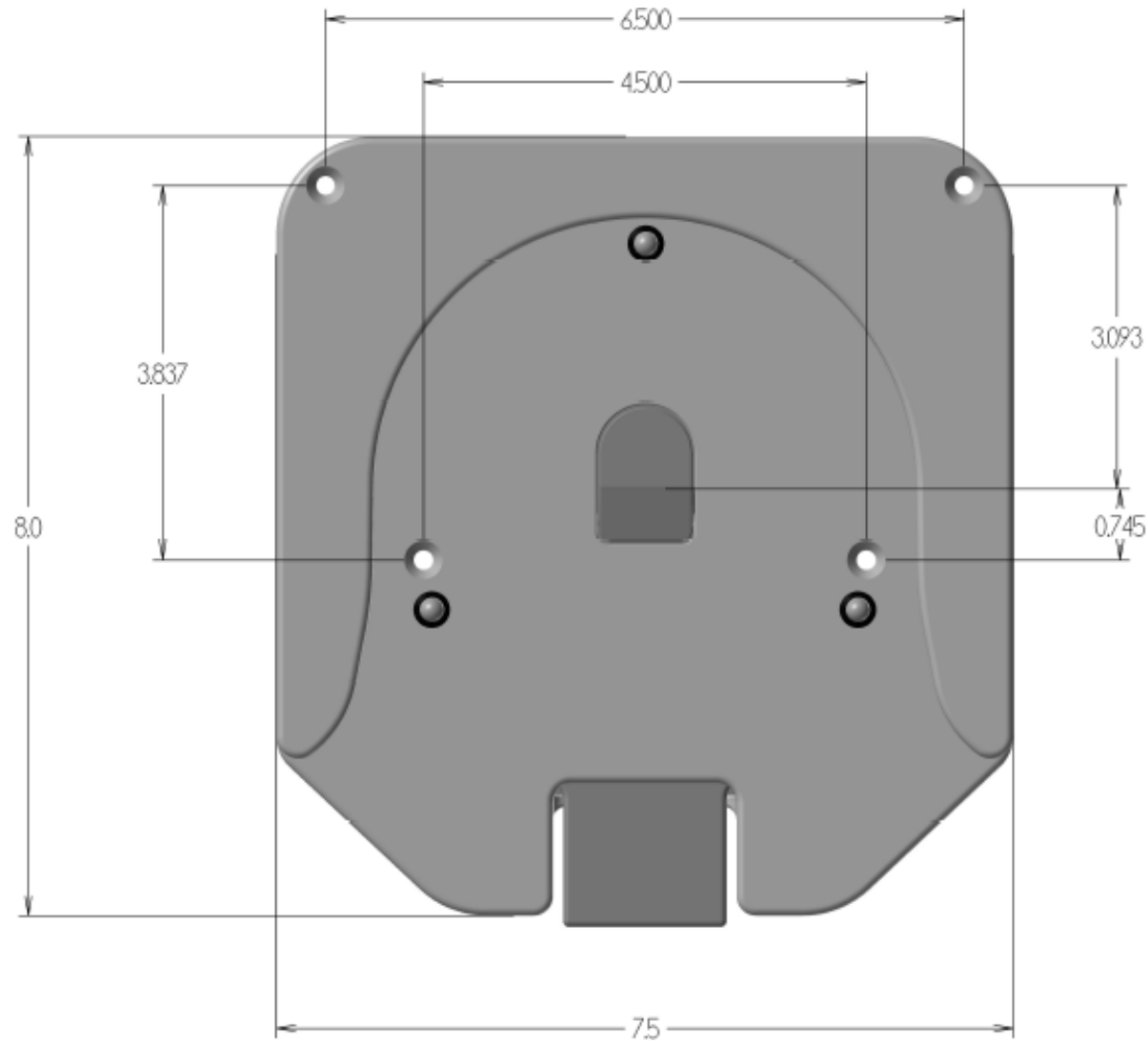
INSTALLATION

The following drawings will help you to create a template in order to position the four holes when installing the surface base.

Please note Technimount offers a *Wall Mount System™* (600-00-WMA) solution, that provide the option to mount the surface base on a wall or vertical flat surface. This solution is offered for specific situations of installation where we don't have strong anchor points or enough resistance on an horizontal surface.

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

Top view Surface base standard



INSTRUCTIONS GUIDE

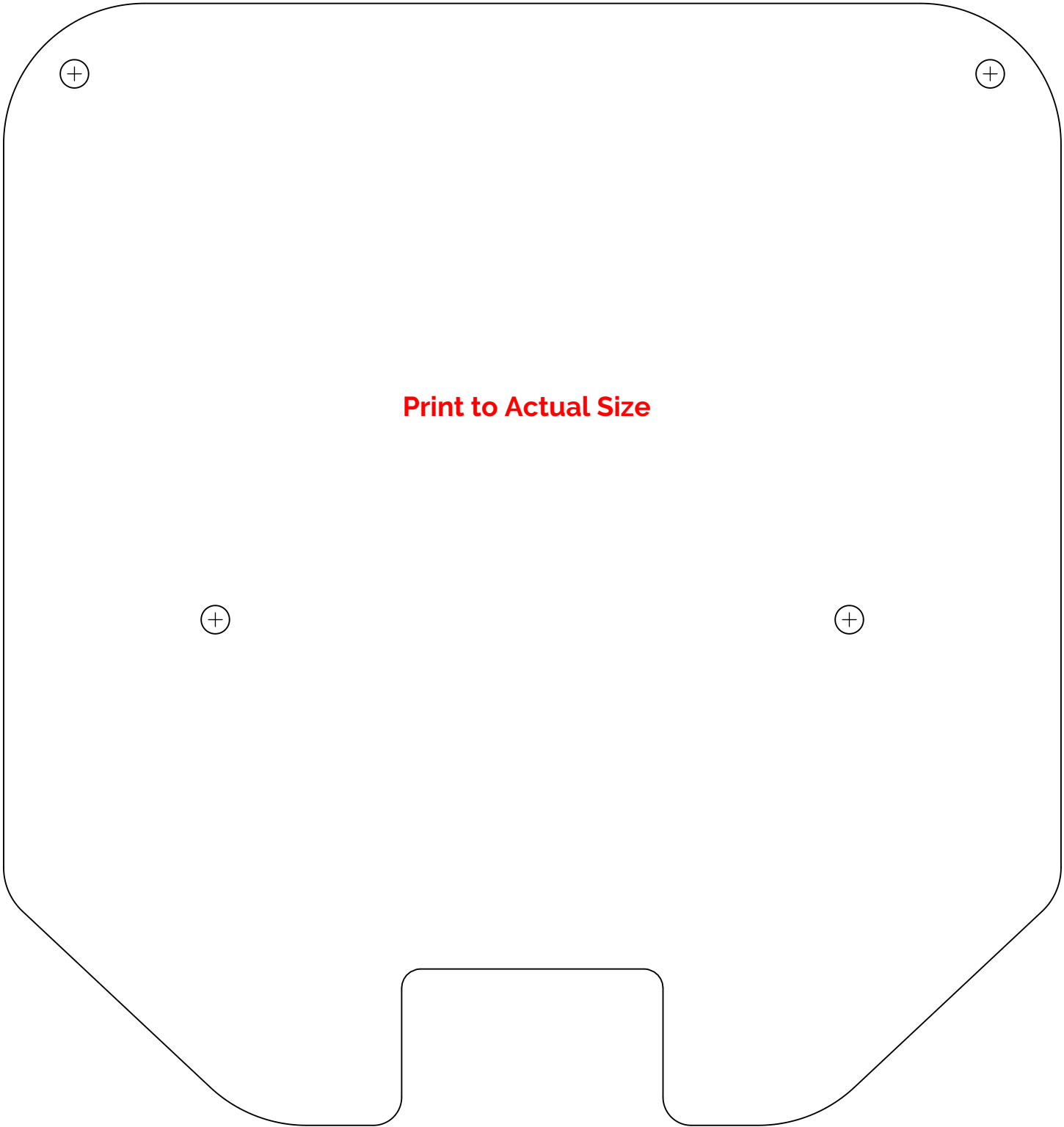
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Front view of the Surface base standard



Standard Surface Base



WARNING:

In order to install the surface base safely on the upper plate supported on the Safety Arm, all 4 bolt attachment points must be used and add Loctite product to prevent losing of bolts/nuts over time.

NOTE:

PLEASE VERIFY YOUR LOCKING MECHANISM ON THE SURFACE BASE PRIOR TO FINAL INSTALLATION, 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, carefully clean the components, at least once a month with a soft cloth and soap, to remove any dust or small particles on the mounting bracket. **Do NOT disassembly the mechanism**, if you suspect any malfunction, please contact Technical Support.

If any question, please call your distributor or Technimount System at + **1.581.998.9820** or email us at: info@technimount.com or techsupport@technimount.com

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Thank You