

Daessy Parts



DAESSY MOUNTING SYSTEM

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SCRIPTING AND ORDERING GUIDE

December 2024

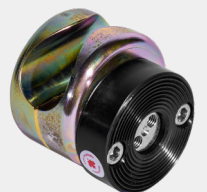


Client Details

Client/User Name:		Notes
Date:		
NDIS/Funding:		


Select Frame Clamp Inner Piece Manual Wheelchairs

Frame Clamp Inner Piece

The size and shape of the wheelchair frame to which the mount will be attached **MUST BE MEASURED**. The name of the wheelchair is not sufficient information to determine what Frame Clamp Inner Pieces are required. Wheelchair manufacturers vary tubing size and shapes within model lines. 1" round frame clamp fits Quickie & Zippie Iris and Quickie 2 Wheelchairs. If the tube size is different, refer to alternative size frame clamp.

Side Mount 1" Inner Piece	1" Round Front Side Mount Inner Piece	Narrow Side Mount 1" Round Inner Piece
<p>1611-0113-000 (UFC1000SMIP)</p> <p>This is used when accessed to a round tube is limited. Installation bolts are on the backside. Requires access from under the seat of the wheelchair.</p> 	<p>1611-0133-000 (1000FSMIP)</p> <p>Installation bolts are underneath the IPA on the front side of the inner piece. Does not require access from under the seat of the wheelchair.</p> 	<p>1611-0206-000 (N1SMIP)</p> <p>For narrow seat frame clearance. Requires more spaces below the frame.</p> 
Frame Clamp Inner Piece 1" Round (Standard)	Narrow Frame Clamp Inner Piece 1" Round (Modified)	
<p>1611-9101-000 (UFC1000IP)</p> <p>Mounted at the lower portion of the side frame on wheelchair frame.</p> 	<p>1611-9103-000 (UFC1000IPMOD)</p> <p>Narrow version of UFC1000IP</p> <p><i>Photo to come</i></p>	


Alternative Size Frame Clamp Inner Piece

Round Frame Clamp Inner Piece		Elliptical/Oval Side Mount Inner Piece
<small>(Requires full access to the tube)</small>		
<p>1 1/8" 1611-0114-000 (UFC1125IP)</p> <p>For 1.125" round tubing.</p>	<p>1 1/2" 1611-0117-000 (UFC1500IP)</p> <p>For 1.5" round tubing.</p>	<p>1611-0123-000 (UFCOVSMIP)</p> <p>A side mount Inner Piece used primarily on wheelchair seat frame with Oval Shape.</p> <p>Fits Quickie Nitrum Chairs.</p> 
<p>1 1/4" 1611-0115-000 (UFC1250IP)</p> <p>For 1.25" round tubing.</p>	<p>1 3/4" 1611-0207-000 (UFC1750IP)</p> <p>For 1.75" round tubing.</p>	
<p>1 3/8" 1611-0116-000 (UFC1375IP)</p> <p>For 1.375" round tubing. Fits Ki-Mobility Chairs.</p>	<p>2" 1611-0208-000 (UFC2000IP)</p> <p>For 2" round tubing.</p>	

Select Seat Rail Attachments Powerchairs

Seat Rail Inner Piece Adapter

The seat rail inner piece adapters are recommended for power wheelchairs with tilting function. A bolt-on adapter may attach to partially accessible frame tubing or pre-existing bolt holes in the body of the wheelchair. This mounting assembly should be attached to the tilting seat to maintain positioning of the device relative to the user, independent of the configuration of the wheelchair.

<p>Universal T-Nut/+Nut for Power</p>	<p>Individual Track Nuts Pair (Invacare/Quantum)</p>	<p>T-Slot Track Nut (Invacare/Quantum)</p>
<p>1601-0020-M6SS Wheelchair Seat Rails. Fits Quickie Q series, Invacare TDx, Quantum.</p> 	<p>1611-9020-000 (TNUT2) When space is limited in the seat track the alternate TNUT2 - Individual. Track Nuts set may be used.</p> 	<p>1611-0107-000 (TNUT) Works with MH3/IPA or MH2/IPA. The TNUT slides into the seat frame track to provide the location to bolt-on the Multi-hole adapter plate.</p> 
<p>Multi-hole 2" Small Inner Piece Adapter</p>	<p>Multi-hole 3" Inner Piece Adapter</p>	<p>Centre Multi-hole Inner Piece Adapter</p>
<p>1611-0049-000 (MH2/IPA) The MH2 part has five countersunk 1/2"-spaced bolt holes and two rows of five 1/2"-spaced threaded holes.</p> 	<p>1611-0050-000 (MH3/IPA) The MH3 part has seven countersunk bolt holes spaced at 1/2" increments and two rows of seven threaded holes spaced at 1/2" increments.</p> 	<p>1611-0051-000 (CM3/IPA) A variation on the standard Multi-hole IPA. The Centre-row Multi-hole Inner Piece has the counter-sunk bolt holes in the middle row and the threaded holes above and below.</p> 
<p>Inner Piece Adapter</p>	<p>UniTrack Permobil Inner Piece Adapter</p>	
<p>1611-0037-000 (IPA) The IPA is often attached to another adapter part to provide the inner piece facing for attachment of an outer piece, offset link, or spacer. It may be used independently for bolting onto a location with two bolt holes spaced xx" centre to centre.</p> 	<p>1611-0129-000 (UTPA/IPA) Frame clamp inner piece to attach onto Permobil UniTrack.</p> 	

Select Frame Clamp Spacer

The Offset Link (O3L & O3LS) or a Frame Clamp Spacer component may be necessary to avoid interference. This add-on component can be attached between the inner and outer piece of the frame clamp to move the outer piece further out or position it sideways from the location of the inner piece.

<p>Offset Link</p>	<p>Single Sided Offset Link</p>	<p>Frame Clamp Spacer</p>
<p>1611-0054-000 (O3L) Offsets the Outer Piece 3" away from the Frame Clamp Inner Piece.</p> 	<p>1611-0055-000 (O3LS) Allows Frame Clamp components assembled to face the same direction.</p> 	<p>1611-0125-000 (UFCSPCR) Provides 1/4" of separation between the Inner and Outer components of a Frame Clamp Assembly.</p> 

Select Frame Clamp Outer Piece

The Frame Clamp Outer Piece supports the Vertical or Side Tube of a Daessy Mounting Assembly. The style of the Frame Clamp Outer Piece is determined by the choice of mounting assembly. Frame Clamp Outer Pieces fall into three general categories: Standard, Rear Folding, and Removable. In addition to the Outer Piece, some mounts will require a matching Index Clamp that controls the position of the Vertical Tube.

Removable Outer Piece

This component performs 2 functions. Adaptation for use on tilting seat systems and easy removal from the wheelchair.

Removable Frame Clamp Receiver

1611-0071-000
(RFCR)

The RFCR is used with the ROP or RFCI. This is recommended primarily on wheelchairs with a tilting seat system. It provides the receiver for the mount assembly and locking mechanism to secure the mount in place.



Removable Outer Piece Connector

1611-0076-000
(ROP)

The ROP is used with the RFCR. The ROP is installed onto the vertical tube of the mount assembly and provides positioning and height adjustment. It allows the mount assembly to be attached to any location when the RFCR is installed.



Adjustable Height Outer Piece

1611-0008-000
(AHOP)

This is recommended for Positioner Mount System. No pinch clamp.



Removable Frame Clamp Insert

1611-0070-000
(RFCI)

Used with RFCR. The RFCI can be installed within the frame clamp assembly of a Rear Folding Mount or Lockable Rear Folding Mount to allow easy removal of the mount from the wheelchair.



Frame Clamp Outer Piece

Frame Clamp Outer Piece

1611-0122-000
(UFCOP)

The Frame Clamp Outer Piece is connected to the Frame Clamp Inner Piece with a Swivel Clamp. The Swivel clamp bolts are accessed through the long axial hole in the UFCOP. **This is not recommended for Wheelchairs with Tilting Function.**



Index Clamp

1611-0034-000
(IC1)

This component is attached to the lower end of the vertical tube of the mount and connects with the Basic Frame Clamp Outer Piece UFCOP attached to the wheelchair by docking with the raised pin on the UFCOP.



Locking Swing-Away Outer Piece

Locking Swing Away Outer Piece

1611-0045-000
(LSAOP)

The Locking Swing Away Outer Piece receives the vertical tube of the Locking Swing Away Mount DLSA7 and has the three pin holes into which the lock pin of the Locking Swing Away Index Clamp fits.




Locking Swing Away Index Clamp

1611-0035-000
(ICLSA)


The Locking Swing Away Index Clamp attaches to the vertical portion of the Right angle Tube used on the Locking Swing Away Mount DLSA7 and provides the locking function for this assembly.



Rear Folding Adapter


Rear Folding Adapter and Tube Mount	
<p>1611-0069-000 (RFA+RTHTM)</p> <p>The Rear Folding Adapter is the outermost component of the Frame Clamp Assembly for the Daessy Rear Folding Mount DRFM6. A Rotating Tube Mount RTHTM holds the Side Tube of the DRFM6. Within the RFA are a series of holes and two adjustable Stop Pins that are set to control the forward and rearward limits of rotation of the Side Tube.</p>	

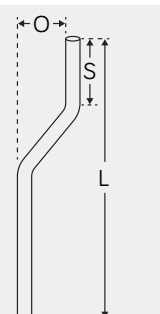
Lockable Rear Folding Adapter

Tube Mount with Lock Mechanism & Offset Link	
<p>1611-0044-000 RIGHT (LRFA+RTHTM+O3L)</p>	
<p>1611-0159-000 LEFT (LRFA+RTHTM+O3L)</p>	
<p>Attaches to the frame clamp assembly of the Lockable Rear Folding Mount DLRFM8 the Locking Rear Folding Adapter & Tube Mount holds the Side Tube and provides the rear folding motion of the folding sequence. The Lock Mechanism secures the mount in the forward position. This component is supplied with one Offset Link O3L.</p>	

Select Mount Tubes 7/8" Outer Diameter

The S-Bend Tube is a length of stainless-steel tube with closely placed bends that produce an offset between the ends of the tube. This is used with the Rigid Mount and the Folding Mount to set the vertical height and front-to-back horizontal position of the Horizontal Tube and attached device or laptop. It can also be used to set the sideways position of the connection between the Side Tube and Horizontal Tube when there are obstructions on the wheelchair that the mount has to pass around. The 7/8" Stainless Steel tube is available in a standard lengths and shapes. All tube-ends are machined to remove sharp edges. The ends of the stainless-steel tube provided by Daedalus Technologies, Inc. are fully machined and chamfered to minimize sharp edges. We strongly disapprove of the tube being cut to length by purchasers. Cutting the stainless-steel tube by any method produces very sharp and hazardous edges.

Standard S-Bend Stainless Steel Tube 7/8"OD	
<p>S-22x12 1611-0214-000</p>	
<p>S-22x9 1611-0218-000</p>	
<p>S-22x6 1611-9033-000</p>	
<p>S-22x3 1611-9064-000</p>	

Custom S-Bend Tube	
<p>1611-9065-000</p> <p>The S-Bend Tube is specified by three measurements; L/O/S</p> <p>L = Overall length O = Offset S-bend S = Straight before bend</p> <p>Recommended size for Eyegaze 22x14, 28x16, 30x18, 32x16</p>	
<p>The shortest possible S-Bend Tube overall length L is 14". The minimum S-Bend Tube offset O is 3". The shortest straight length on a S-Bend Tube S is 4".</p>	






Standard Right-Angle Tube

Standard Right-Angle Stainless Steel Tube 7/8" OD	
<p>1611-0077-000 (RT-22X16)</p>	
<p>1611-9066-0100</p> <p>Daessy Custom Tube Right-Angle Tube: V = Vertical length H = Horizontal length</p>	

Standard Straight Tube 7/8" OD	
<p>16" Long 1611-0093-000 (STR-16)</p>	
<p>22" Long 1611-0094-000 (STR-22)</p>	
<p>32" Long 1611-0200-000 (STR-32)</p>	







Select Mount Components

The following mounting parts are the main components that will determine the type of mounting system for your set-up. These are the 5 standard Daessy wheelchair mounts and their standard variations that can be used to adapt the Daessy Mounting System to a wide variety of situations.

<h3>Tube Connector 90° Elbow</h3>	<h3>Side Folding Mechanism</h3>	<h3>Elbow Rotate Head and Tube Mount</h3>			
<p>1611-9083-000 (TC90)</p> <p>TC90 enables two 3/4" tubes to be connected to each other at a 90° angle without offset.</p>		<p>1611-0078-000 (RTH+2RTHTM)</p> <p>The Folding Mechanism with 2 Tube Mounts connects the vertical and horizontal tubes of the Folding Mount.</p>		<p>1611-0026-000 (ELRH/RTHTM)</p> <p>This is a component of the Rear Folding Mount and the Lockable Rear Folding Mount. It provides the first rotation of the rearward folding sequence allowing the horizontal tube to be rotated up through 90°.</p>	
<h3>Horizontal Tube Assembly with Rotate Head</h3>	<h3>Release Cable Assembly with Tube</h3>				
<p>1611-0046-000 (LSARH/TM/16)</p> <p>Complete Swing-Aside Arm consisting of a Rotate Head, Tube Mount, 16" Tube and Release Cable for the Swing-Aside Mount.</p>		<p>1611-0148-000 (CABLERT22x16)</p> <p>LSAOP and ICLSA is required. Main component for Swing-Aside Set-up.</p>			

Select Quick Release Bases

The Daessy Mounting System uses a proprietary Quick Release mechanism to allow the mounted devices to be readily detached from a mount for storage or transport or for use in a different location. A Quick Release Base is attached to the Daessy Wheelchair Mounting assembly, Desk Mount or other location. The Quick Release Base has a semi-circular shape and spring-loaded pin which engage a cutout in a Quick Release Plate that is affixed to the device.


<h3>AQR Base (small face)</h3>	<h3>AQR Base (small face) 2 Quick Handles</h3>	<h3>Mini (small face) Quick Release Base</h3>			
<p>1611-0145-000 (AQR-87)</p> <p>The smaller quick release face is well suited for smaller devices. The Articulating Quick Release Base provides the same adjustability as the standard AQR-87.</p>		<p>1611-0009-000 (AQR-87-2H)</p> <p>Articulating Quick Release Base (small face), 2 quick handles.</p>		<p>1611-0053-000 (MUSB)</p> <p>A smaller version of the standard Total Quick Release Base. The Mini Quick Release Base is well suited for smaller devices and provides the same secure attachment.</p>	
<h3>Total Quick Release Base</h3>	<h3>AQRL Base (standard)</h3>	<h3>AQRL Base (standard) 2 Quick Handles</h3>			
<p>1611-0109-000 (TUSB)</p> <p>The Total Quick Release Base has an integrated mount for attachment to the horizontal tube of a mount assembly. This may be rotated around the tube to tilt the keyboard or access surface of the device.</p>		<p>1611-0010-000 (AQRL-87)</p> <p>The Articulating Quick Release Base allows multiple angle and tilt adjustments with the ball-joint feature. The standard face size is well suited to full-size and larger devices.</p>		<p>1611-0011-000 (AQRL-87-2H)</p> <p>Articulating Quick Release Base with Height Adjustment & Articulation Quick Handles: provides 2 quick handles.</p>	
<h3>Sideways Tilting Quick Release Base</h3>	<h3>Folding USB Quick Release Base</h3>	<h3>Rehadapt</h3>			
<p>1611-0127-000 (USBA+TMAT)</p> <p>This version of the Quick Release Base is attached to a Tube Mount with a collar that allows it to be rotated sideways.</p>	 <p>Shown rotated</p>	<p>1611-0128-000 (USBF)</p> <p>The Folding Quick Release Base provides quick adjustment of the angle of the attached device by rotation around the horizontal tube and locking in 6 stop positions.</p>		<p>1611-9008-000 (UDS-22-DC)</p> <p>Universal Device Socket with separate Quick Shift clamping of ball joint and tube fixation.</p>	

Select Tablet Holders

Availability of holders for new release iPads may be delayed a couple months after the Apple iPad release due to case availability.

Standard iPad Holder

The Standard Holders allow an iPad to be connected to a Daessy quick release base in either landscape or portrait orientation. The iPad is housed in a protective case with the adapter to fit all Daessy quick release bases. The case used varies based on availability and suitability for mount adaptation; cases selected are carefully chosen for several criteria to meet mounting use.

Standard Holder	
Gen 7/8/9 10.2" 1611-0088-000 (SHSUIG7)	
Gen 10 (2022) 10.9" 1611-0155-000 (SHSUG10)	
Air 4/5 10.9" 1611-0230-000 (SHSUIA4)	
Mini 6 (2021) 1611-0231-000 (SHSUM6)	
Pro Gen 2/3/4 11" 1611-0182-000 (SHSU11.0-3/2)	
Pro Gen 4/5/6 12.9" 1611-0183-000 (SHSU12.9-5G)	

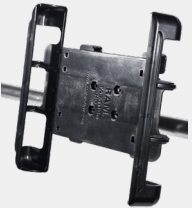

Twist iPad Holder

The Twist Case Holders enable real-time rotation of an iPad between landscape and portrait orientations while attached to a Daessy quick release base. The iPad is housed in a protective case with the adapter to fit all Daessy quick release bases. The case used varies based on availability and suitability for mount adaptation; cases selected are carefully chosen for several criteria to meet mounting use.

Twist Holder	
Gen 7/8/9 10.2" 1611-0233-000 (THSUIG7)	
Gen 10 (2022) 10.9" 1611-0105-000 (THSUG10)	
Air 4/5 10.9" 1611-0232-000 (THSUIA4)	
Mini 6 (2021) 1611-0236-000 (THSUM6)	
Pro Gen 2/3/4 11" 1611-0203-000 (THSU11.0-3/2)	
Pro Gen 4/5/6 12.9" 1611-0181-000 (THSU12.9-5G)	

Other Universal Tablet Holders

The Tablet Cradle Holders are available for some different tablets. The adapter enables real-time rotation between landscape and portrait orientations. The tablet computer fits into a cradle or case that is fitted with a Daessy adapter to be used with the Daessy quick release system.

Standard Holder for Universal 10" tablet cradle (RAM)	Standard Holder for X-Grip large tablet cradle (RAM)	Universal 10" Tablet Cradle (RAM)
1611-0191-000 (TAB10/IPH)		1611-0190-000 (XG12/VMA)
		1611-0211-000 (RCT-TAB10)
		<i>Photo to come</i>

Microsoft Surface Pro Holders

Standard Holder	
4/5/6/7 1611-0188-000 (MSP4U/VMA)	
8 1611-0224-000 (MSP8U/VMA)	
9 1611-0089-000 (MSP9U/VMA)	

Twist Holder	
4/5/6/7 1611-0066-000 (RCT-MSP4U)	
8 1611-0067-000 (RCT-MSP8U)	
9 1611-0068-000 (RCT-MSP9U)	

Fixed Landscape Holder with Eye Camera Bracket	
4/5/6/7 1611-0223-000 (MSP4U/VMA+ECB1)	
8 1611-0225-000 (MSP8U/VMA+ECB1)	
9 1611-0244-000 (MSP9U/VMA+ECB1)	

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