

Sponge Station & Automation Downholder Universal V2 Mounting Instructions

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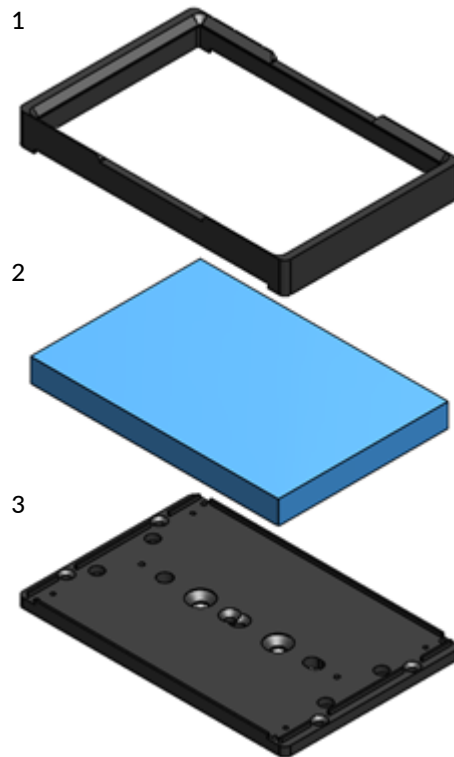
- Telephone:
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- E-mail instrumentation queries to techsupport@covaris.com and application queries to applicationsupport@covaris.com

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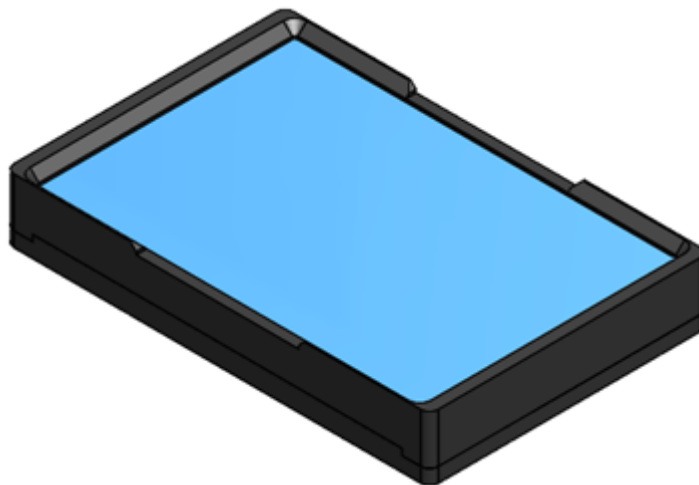
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Sponge Station Mounting Instructions

- Sponge Station assembly, top to bottom:
 1. Sponge Station Collar (part of PN 500772)
 2. Sponge Flat (PN 520338) OR Sponge Dual Shelf (PN 520339)
 3. Sponge Station Base (part of PN 500772)
- When placing Sponge Flat, ensure that it fits within wall of Sponge Station Base.

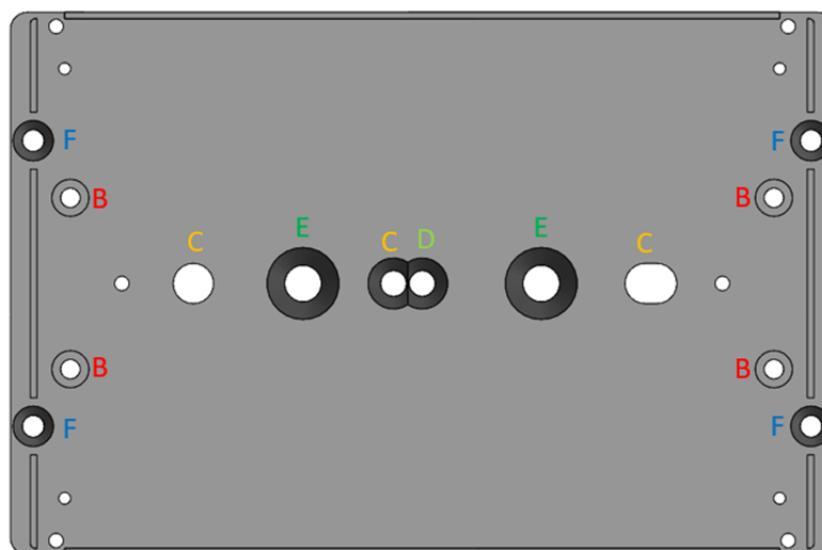


- Fully assembled Sponge Station
 - Ensure that Sponge Flat and Sponge Station Collar are both centered and fully seated on Sponge Station Base.

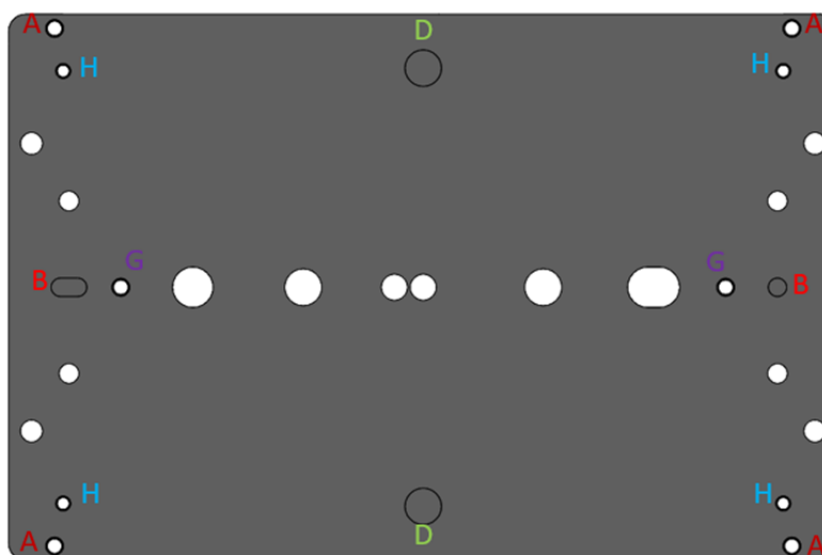


Sponge Station Mounting Configurations

Top view for mounting configurations



Bottom view for mounting configurations



Mounting Configuration and Target Hole Variations

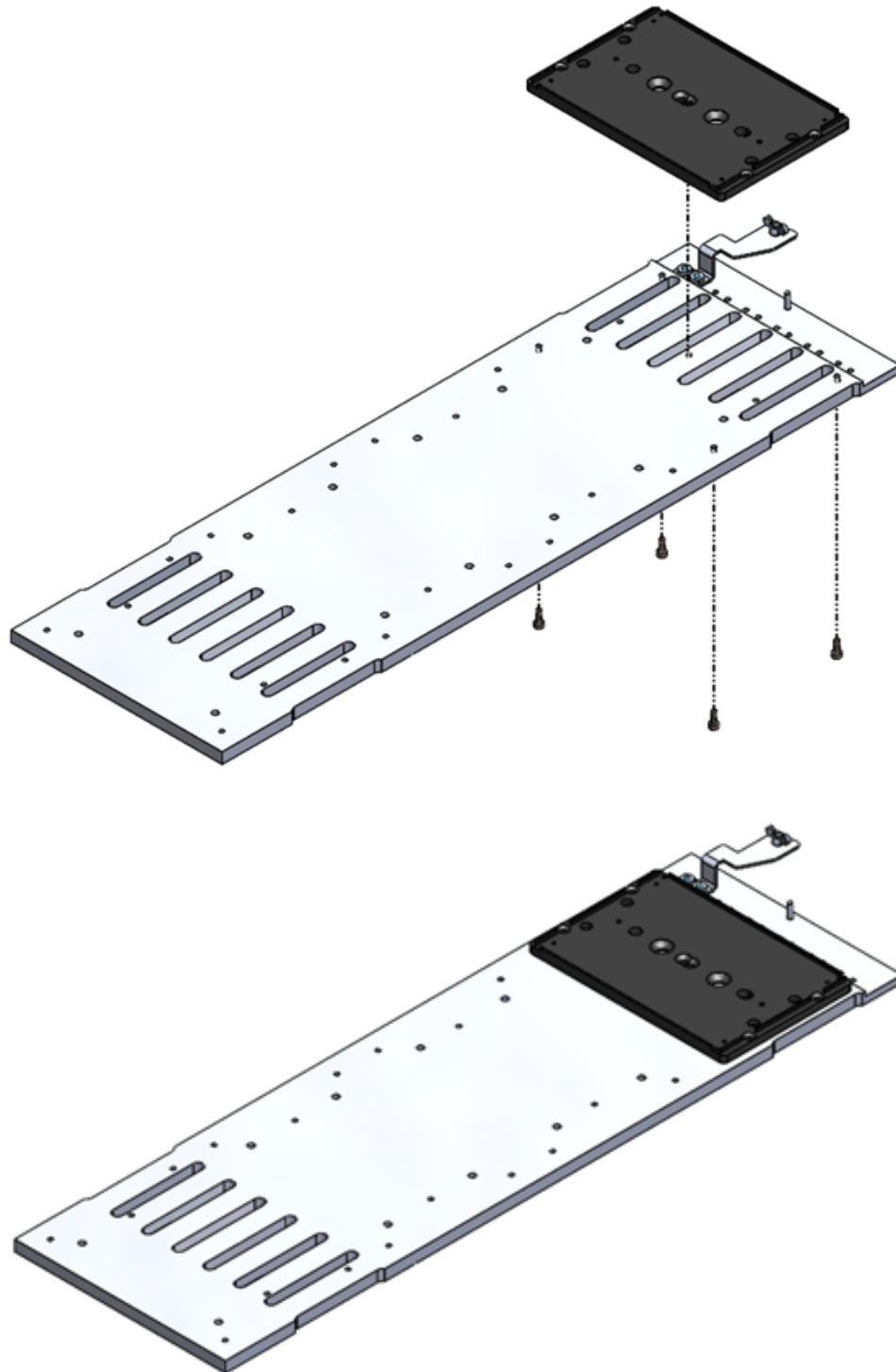
- A. Hamilton STAR/STARlet/VANTAGE on Hamilton 7T Deck Segment (PN 500774)
- B. Hamilton STAR/STARlet/VANTAGE on Hamilton Accessory (PN 500774)
- C. Dynamic Devices Lynx (PN 500776)
- D. Agilent Bravo (PN 500777)
- E. Beckman Coulter Biomek I-Series (PN 500778)
- F. Covaris (PN 500779)
- G. Tecan Fluent (PN 500780)
- H. Tecan Freedom EVO (PN 500781)

Mounting Instructions by Liquid Handler

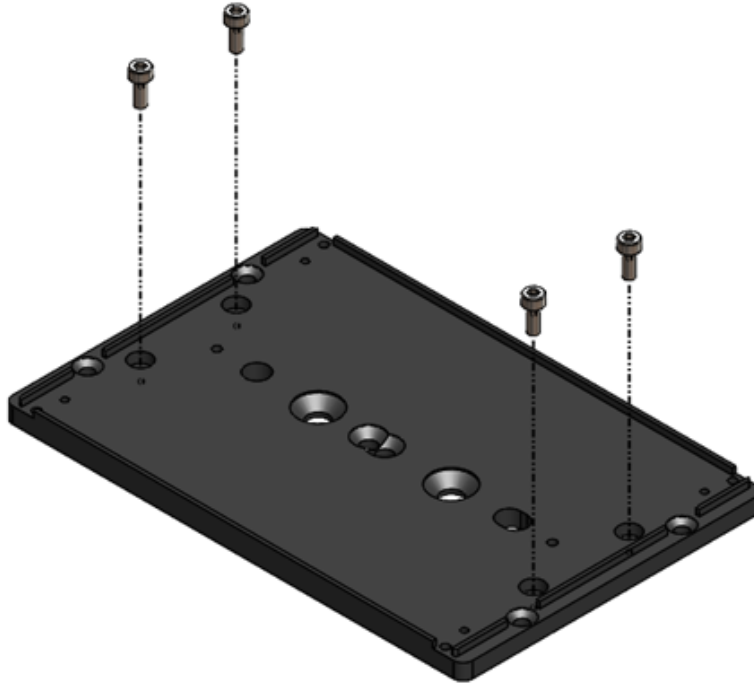
Mounting Hardware Packs

A. Hamilton STAR/STARlet/VANTAGE on Hamilton 7T Deck Segment (PN 500774)

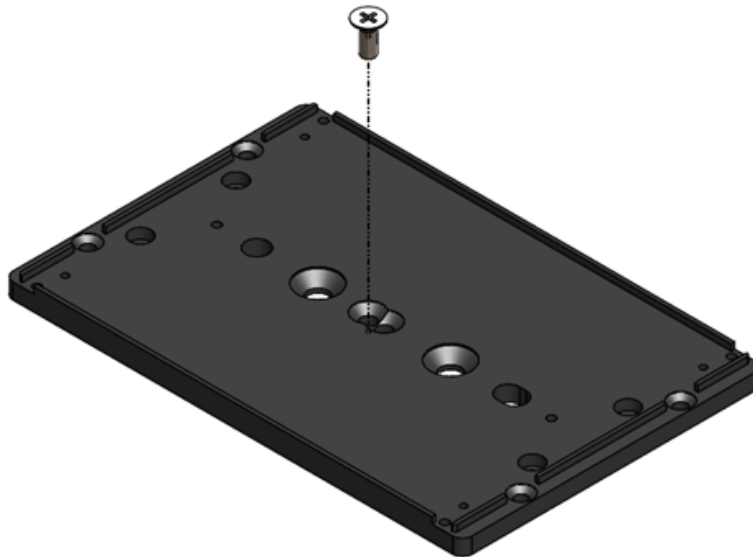
- Ask sales for recommended Hamilton deck segment type
- 1x 7T deck segment (Hamilton PN 55574)



B. Hamilton STAR/STARlet/VANTAGE on Hamilton Accessory (PN 500774)

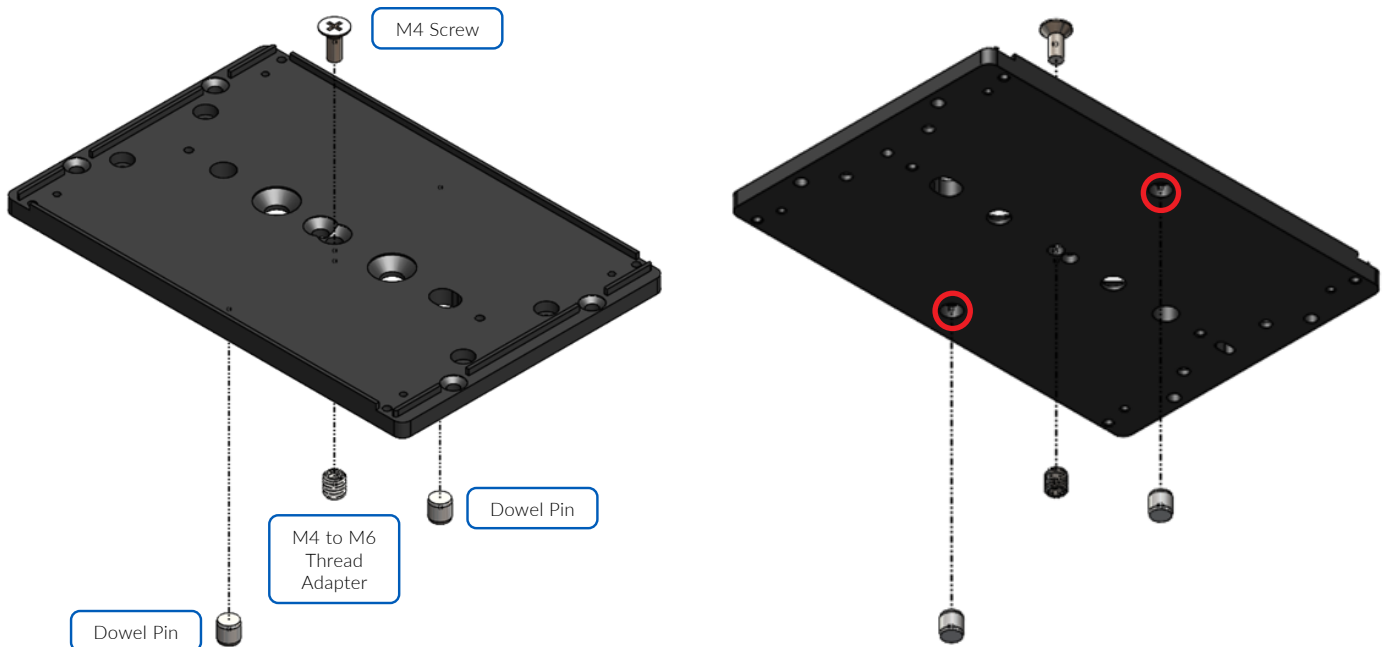


C. Mounting Hardware Pack - Dynamic Devices Lynx (PN 500776)

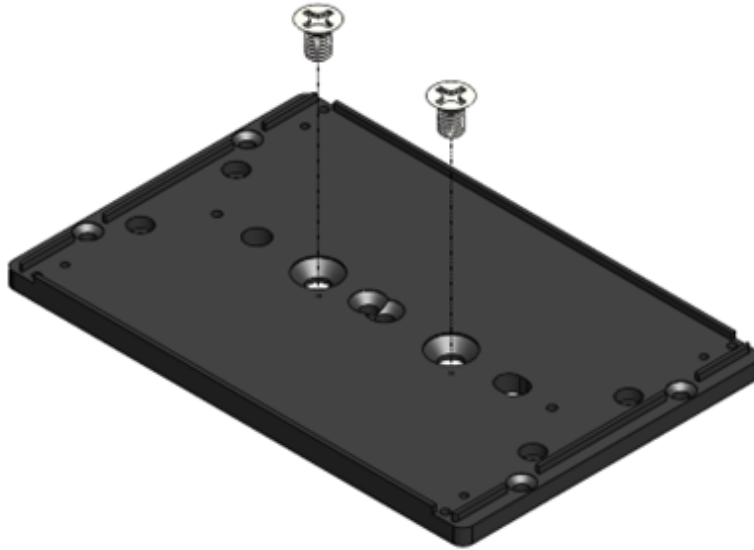


D. Mounting Hardware Pack - Agilent Bravo (PN 500777)

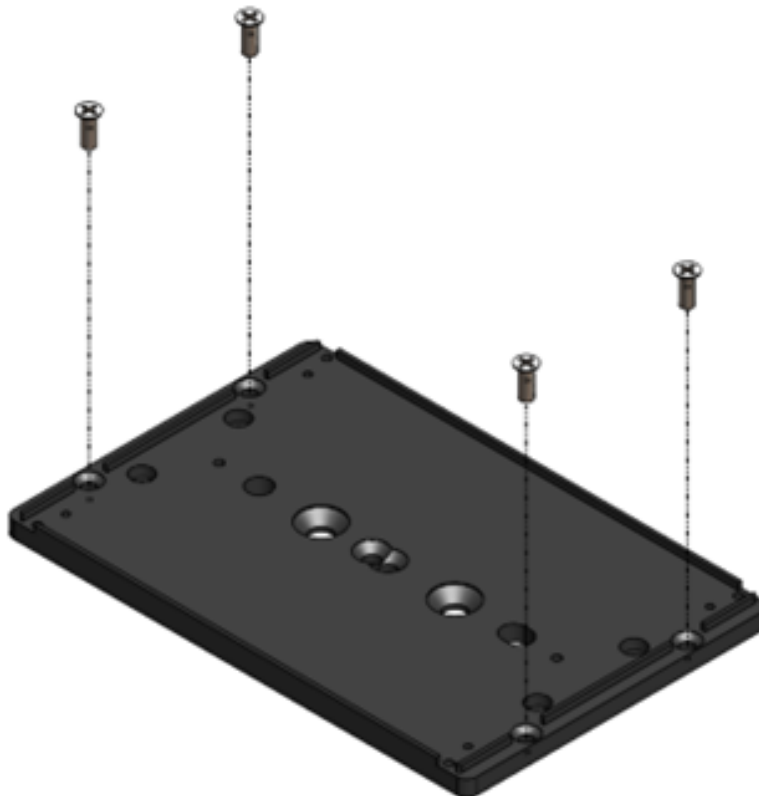
1. Insert M4 to M6 thread adapter into Agilent Bravo deck segment, where the dead center of the accessory being installed will land. Ensure that the thread adapter is flush, or near flush but slightly recessed, with the deck segment.
2. If needed, using C-Clamp locking pliers with swivel pads (such as Irwin® VISE-GRIP®), press the dowel pins into the Sponge Station base plate, or Automation Downholder Universal base plate. Fully seat both dowel pins in the base plate.
 - a. Insert the dowel pins into the red circled areas pictured below.
3. Secure the base plate into position on the deck segment by screwing in the M4 screw into the M4 to M6 thread adapter.



E. Mounting Hardware Pack – Beckman Coulter Biomek I-Series (PN 500778)

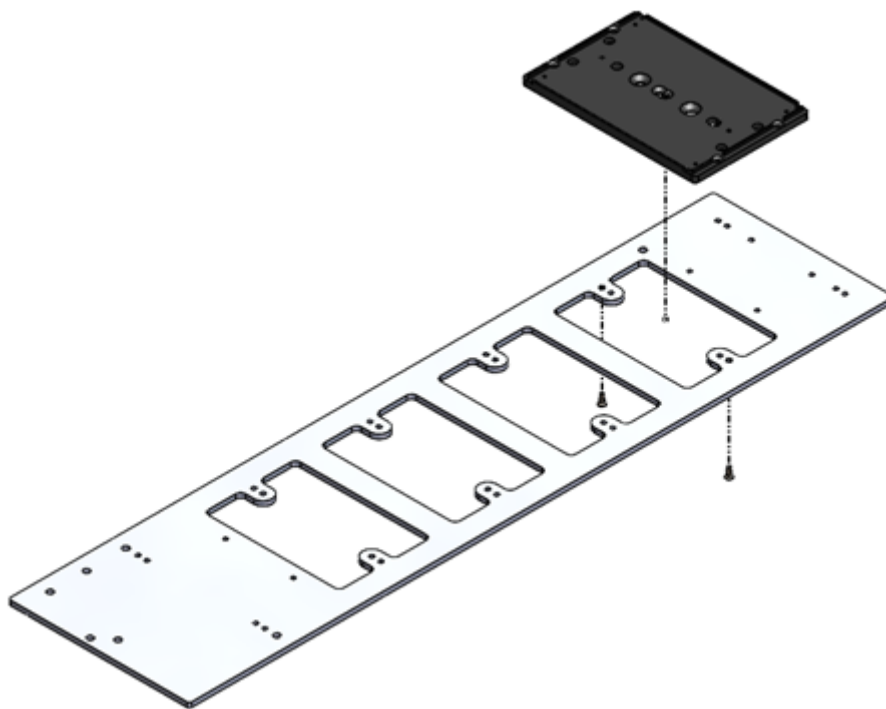


F. Mounting Hardware Pack - Covaris (PN 500779)

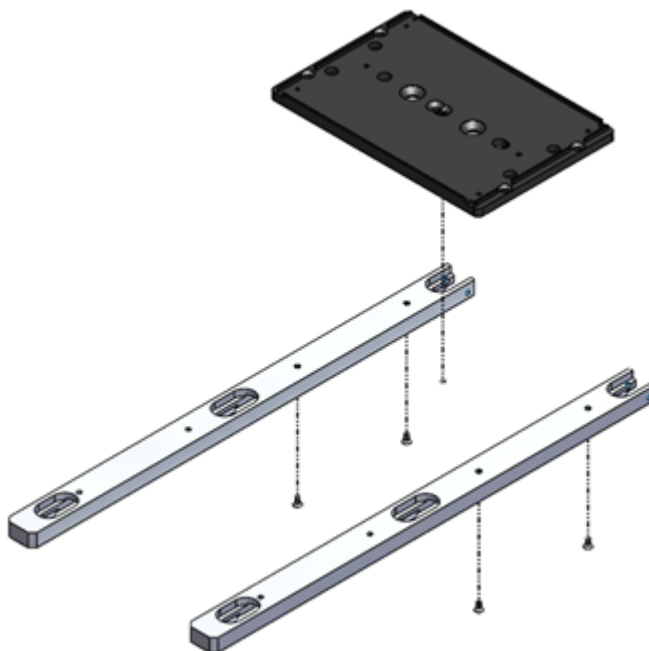


G. Mounting Hardware Pack - Tecan Fluent (PN 500780)

- Ask sales for recommended Tecan Fluent sled type
- 1x landscape sled (Tecan PN 30042786)

**H. Mounting Hardware Pack - Tecan Freedom EVO (PN 500781)**

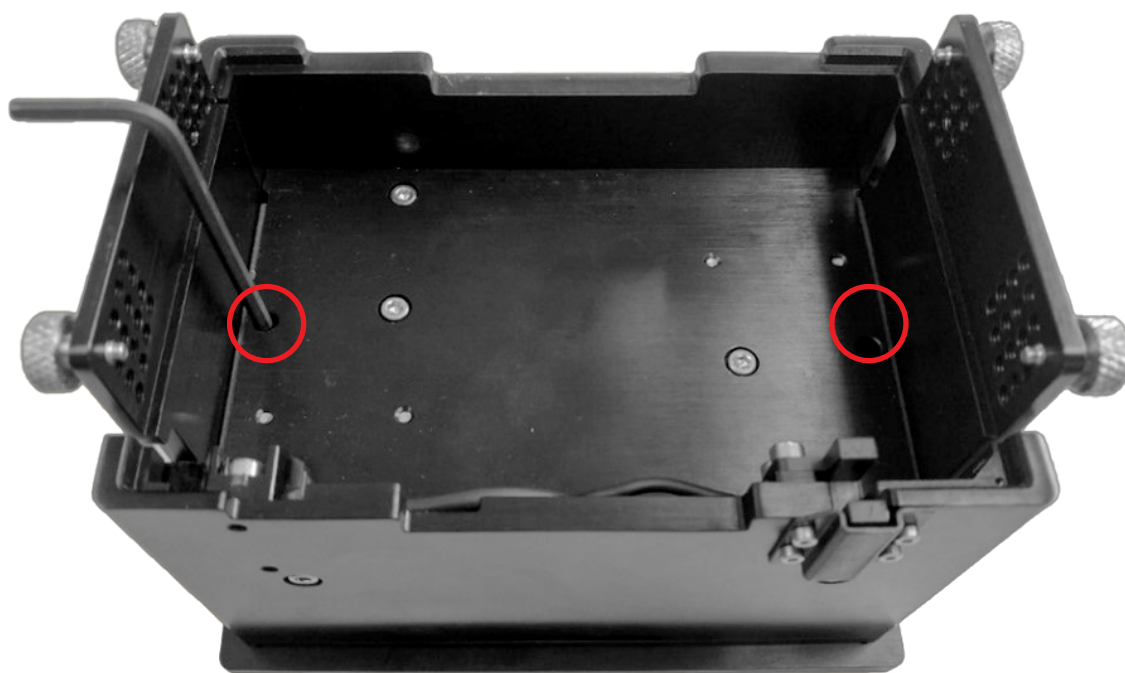
- Ask sales for recommended Tecan EVO rail type
- 2x locking rails (Tecan PN 30014864)



Mounting the Automation Downholder Universal V2 to a Liquid Handler

1. Using a 3 mm allen key, separate the base plate from the main body by unscrewing at the red circled areas (as shown below).
 - a. This allows access to the bolt holes (on the base plate) for mounting onto the liquid handler.
2. Install the base plate onto the liquid handler deck by referring to the bolt hole configurations under “Sponge Station Mounting Instructions”.
 - a. Automation Downholder Universal V2 and Sponge Station share the same bolt hole configurations for mounting to a specific liquid handler (**Page 5**).
 - b. Each liquid handler has a specific configuration for mounting. See “Sponge Station Mounting Instructions”.
3. Install the main body back onto the base plate.
 - a. This is a reversal of Step 1.

NOTE: It is recommended that you place the Automation Downholder Universal V2 onto a deck space near the back of the liquid handler, or in another spot that allows easy routing of cables.



Attaching the Cable to the Automation Downholder Universal V2

There are two cables included with the Automation Downholder Universal V2 (PN 320332 and 320333)

- Please plug cables in one of two configurations only:
 - **Configuration 1:** Both straight off the back



- **Configuration 2:** Both angled upwards off the back



Notes

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Revision History

Document Number	Revision	Date	Description of Change
010567	A	10/2022	Initial release of document