

PRODUCT GUIDE

Landscape To Portrait Mount

PRODUCT NUMBER(S)

7160-2230 Series



7160-2230-00



7160-2230-01



7160-2230-02



7160-2230-03

For more language options and/or questions, please contact a Gamber-Johnson representative at **+1 800.756.9198**

Since 1954, we have been dedicated to providing **RUGGED**, **RELIABLE**, and **RESPONSIVE** solutions that empower professionals in the field.

Thank you for choosing Gamber-Johnson.

Welcome to your new **Gamber-Johnson Motion Attachment**—engineered for **mission-critical reliability** in the toughest environments. At Gamber-Johnson, we understand that your technology is more than a tool; it's a lifeline. That's why our rugged mounting solutions and docking stations are designed to integrate seamlessly with your equipment, ensuring **secure connections** and **reliable performance** wherever your job takes you.

This guide will walk you through the safe and effective installation of your **Motion Attachment**.

Inside, you'll find:

- Inventory list of what's included
- Step-by-step installation instructions
- Images for easy reference
- Essential safety information to ensure proper setup and operation

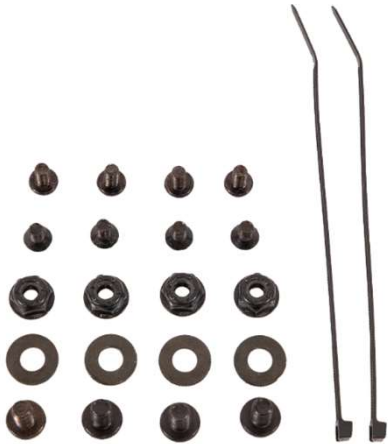
Our commitment to **quality**, **durability**, and **rugged reliability** is built into every product we make.

Important: Before you begin, please carefully review all safety instructions provided in this guide. For vehicle applications, we recommend professional installation by qualified technicians with experience in automotive electrical systems and aftermarket vehicle equipment installation.

For additional product information, installation tips, or support, please contact your Gamber-Johnson representative at **+1 800.756.9198** or visit **www.gamberjohnson.com**.

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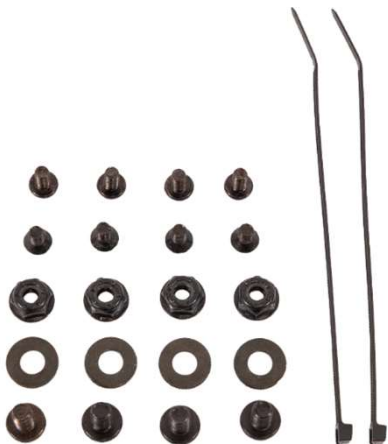
7160-2230-00



QTY	P/N	DESCRIPTION
1	N/A	Landscape to Portrait Mount

QTY	P/N	DESCRIPTION
1	7120-1284	Hardware Bag

7160-2230-01



QTY	P/N	DESCRIPTION
1	N/A	Landscape to Portrait Mount W/ 75mm Vesa Base

QTY	P/N	DESCRIPTION
1	7120-1284	Hardware Bag

7160-2230-02



QTY	P/N	DESCRIPTION
1	N/A	Landscape to Portrait Mount

QTY	P/N	DESCRIPTION
1	7120-1284	Hardware Bag



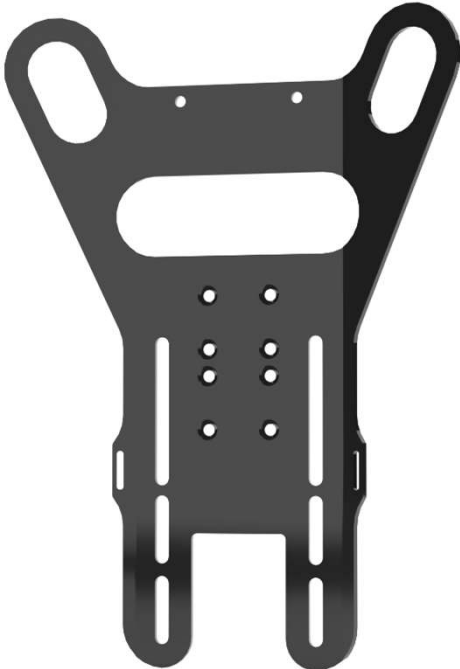
QTY	P/N	DESCRIPTION
1	22283	Rotational Assist Plate

7160-2230-03



QTY	P/N	DESCRIPTION
1	N/A	Landscape to Portrait Mount

QTY	P/N	DESCRIPTION
1	7120-1284	Hardware Bag



QTY	P/N	DESCRIPTION
1	22283	Rotational Assist Plate

WARNING

You must read and follow all of these installation instructions. Failure to follow the installation instructions may result in serious bodily injury or death

DO NOT install or use this assembly in the area in which the airbag on the vehicle may be deployed. The installer and user of this assembly are responsible for installing and using this assembly outside the area in which an airbag may be deployed. (See Product Mounting Disclaimer Below)

If the installation of the equipment requires that the equipment (or any additional equipment that is added to the installation) be placed in front of an airbag, the airbag should be deactivated. In order to secure permission for deactivating the airbag you must contact the National Highway Traffic Safety Administration at 1-800-424-9393 to gain permission to do so. If you have any questions or need assistance, call Gamber-Johnson at **+1 800-756-9198**.

High speed vehicle turns may cause parts of the assembly to swivel, interfering with the driver or other equipment.

Keep these installation instructions with the product and readily available in the vehicle for future reference of other users of the product.

Additional copies of the installation instruction can be obtained from Gamber-Johnson. If you need assistance or have any questions, go to www.gamberjohnson.com or call Gamber-Johnson at **+1 800-756-9198**.

DO NOT remove any warning labels from the product under any circumstances.

7160-2230-00



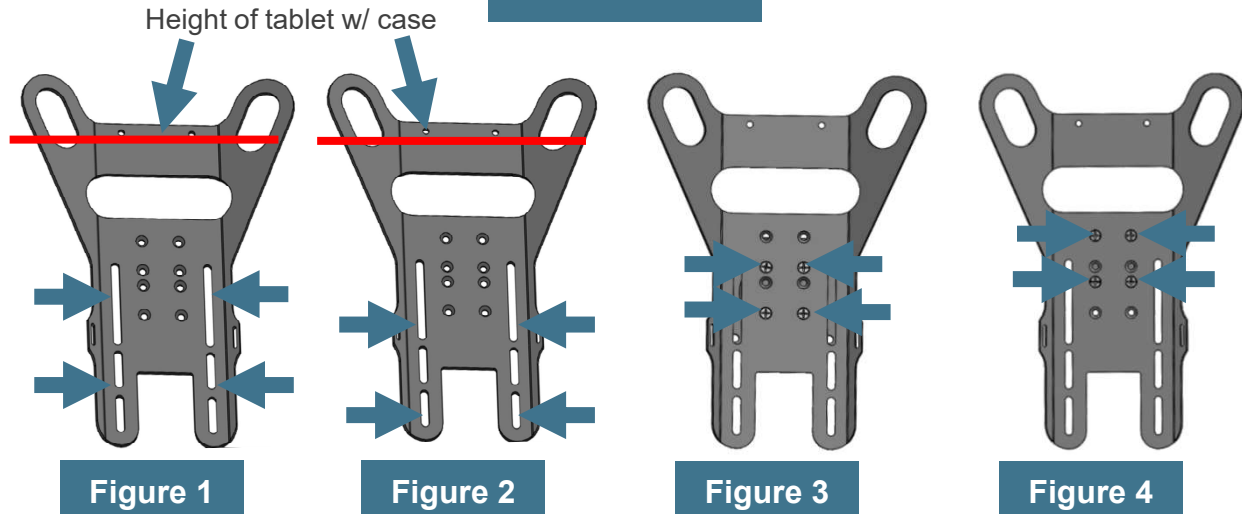
1. The 7160-2230-00 Landscape to Portrait Mount incorporates an AMPS mounting pattern on each side with 10-32 threaded holes.

7160-2230-01



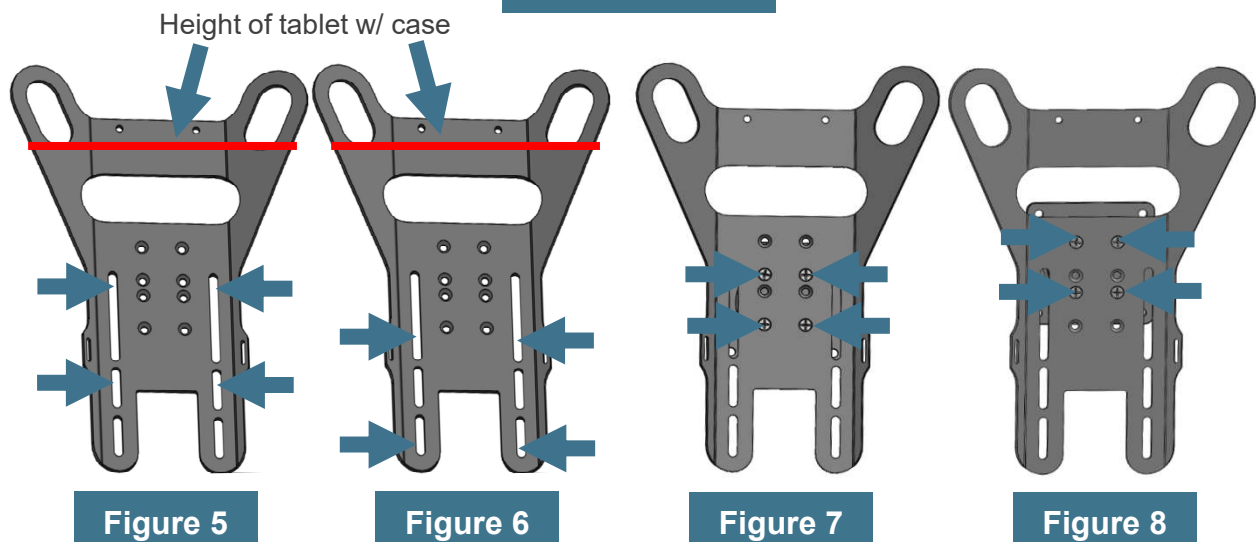
1. The 7160-2230-01 Landscape to Portrait Mount incorporates an AMPS mounting pattern with 10-32 threaded holes on one side and a VESA 75mm through hole mounting pattern on the other requiring the use of 1/4" hardware.

7160-2230-02



1. Determine which VESA mounting pattern to use to get the Rotational Assist Plate to be just above the tablet with case to assist in overcoming the indents of the Landscape to Portrait Mount. (Figures 1 and 2)
2. The 7160-2230-02 Landscape to Portrait Mount (L to P Mount) incorporates an AMPS mounting pattern on each side with #10-32 threaded holes. The 22283 Rotational Assist Plate attaches to the side of the L to P Mount with the brass inserts using the #10-32 X 0.375" flat head screws from hardware bag 7120-1284. Use the AMPS mounting pattern on the 22283 Rotational Assist Plate that gets the rotation as close to the center of the tablet as possible. (Figures 3 and 4)

7160-2230-03



1. Determine which VESA mounting pattern to use to get the Rotational Assist Plate to be just above the tablet with case to assist in overcoming the indents of the Landscape to Portrait Mount. (Figures 5 and 6)
2. The 7160-2230-03 Landscape to Portrait Mount incorporates an AMPS mounting pattern with #10-32 threaded brass inserts on one side and a VESA 75mm through hole mounting pattern on the other requiring the use of 1/4" hardware.
3. The 22283 Rotational Assist Plate attaches to the L to P Mount AMPS pattern using the #10-32 X 0.375" flat head screws from hardware bag 7120-1284. Use the AMPS mounting pattern on the 22283 Rotational Assist Plate that gets the rotation as close to the center of the tablet as possible. (Figures 7 and 8)

The mounting scenarios shown below are generalized and are for reference due to the multiple possible mounting configurations the Landscape to Portrait Mount and the Rotational Assist Bracket could be used in. If you have any questions or need assistance, call Gamber-Johnson at **+1 800-756-9198**.



Figure 1



Figure 2

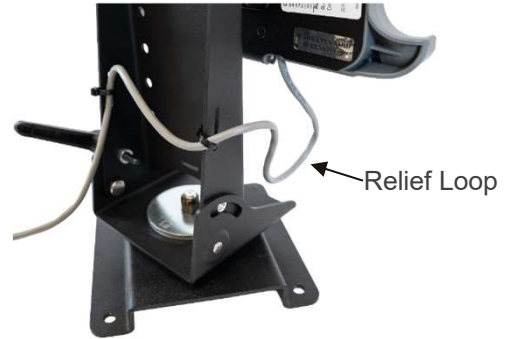


Figure 3

1. Mount the docking station to the VESA 75 side of the Landscape To Portrait Mount using the hardware that came with the docking station. (Figure 1)
2. Mount the AMPS side of the Landscape To Portrait Mount to a clevis using the appropriate #10-32 screws from the 7120-1284 hardware bag. Use the pan head screws if the clevis has through holes or the flat head screws if the clevis has countersunk holes. (Figure 2)
3. Determine the direction of rotation desired, clockwise or counterclockwise, that works best for the mounting configuration and secure all cables using the cable ties from hardware bag 7120-1284 leaving a stress relief loop to allow the device to rotate without causing stress to the connectors or cables in all directions of rotation. (Figure3)

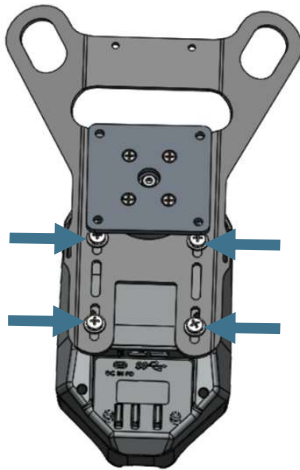


Figure 5

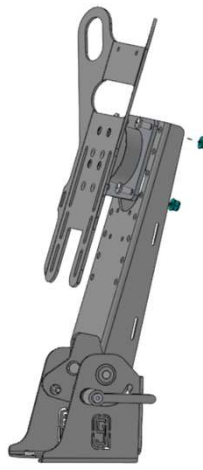


Figure 6

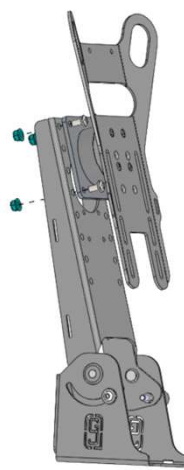


Figure 7



Figure 8

1. Mount the dock to the Rotational Assist Bracket in the chosen VESA pattern using the hardware that came with the dock. (Figure 5)
2. Mount the VESA side of the Landscape to Portrait Mount to the clevis using the 1/4"-20 x 1/2" button head screws and flange nuts from the hardware bag (7120-1284). (Figures 6 and 7)
3. Determine the direction of rotation that works best for the configuration and secure the cables with the cable ties from the hardware bag (7120-1284) providing a strain relief loop to ensure there is no stress placed on the cables or connections while rotating the mount. (Figure 8)

The mounting scenarios shown below are generalized and are for reference due to the multiple possible mounting configurations the Landscape to Portrait Mount and the Rotational Assist Bracket could be used in. If you have any questions or need assistance, call Gamber-Johnson at **+1 800-756-9198**.

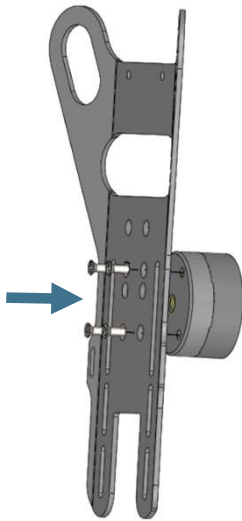


Figure 1

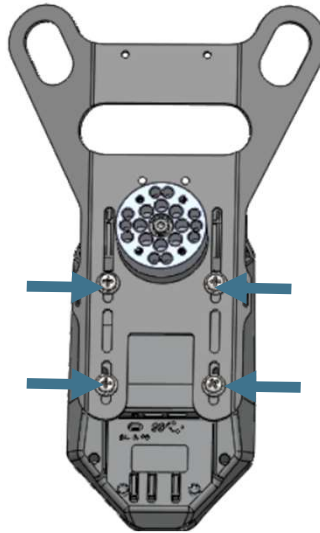


Figure 2

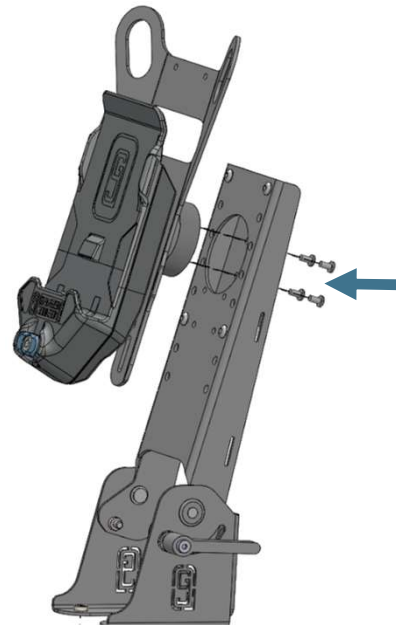


Figure 3



Figure 4



Figure 5



Figure 6

1. Mount the Rotational Assist Bracket to the Landscape to Portrait Mount's AMPS pattern with the brass inserts using the #10-32 X 0.375" flat head Phillips screws from the hardware bag (7120-1284). (Figure 1)
2. Mount the dock to the Rotational Assist Bracket using the hardware that came with the dock. (Figure 2)
3. Mount the Landscape to Portrait Mount with the Rotational Assist Bracket attached to the recessed plate of the Fold Flat Display Mount using the #10-32 X 0.375" pan head Phillips screws from the hardware bag (7120-1284). (Figures 3)
4. Determine the direction of rotation that works best for the configuration and secure the cables with the cable ties from the hardware bag (7120-1284) providing a strain relief loop to ensure there is no stress placed on the cables or connections while rotating the mount. (Figures 4-6)



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Product Mounting Disclaimer

Gamber-Johnson is not liable under any theory of contract or tort law for any loss, damage, personal injury, special, incidental or consequential damages for personal injury or other damage of any nature arising directly or indirectly as a result of the improper installation or use of its products in vehicle or any other application. In order to safely install and use Gamber-Johnson products full consideration of vehicle occupants, vehicle systems (i.e., the location of fuel lines, brake lines, electrical, drive train or other systems), air-bags and other safety equipment is required. Gamber-Johnson specifically disclaims any responsibility for the improper use or installation of its products not consistent with original vehicle manufactures specifications and recommendations, Gamber-Johnson product instruction sheets, or workmanship standards as endorsed through the Gamber-Johnson Certified Installer Program.

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Visit www.gamberjohnson.com to see our complete line of solutions and hang with us on social media at [@gamberjohnson](https://www.instagram.com/gamberjohnson)



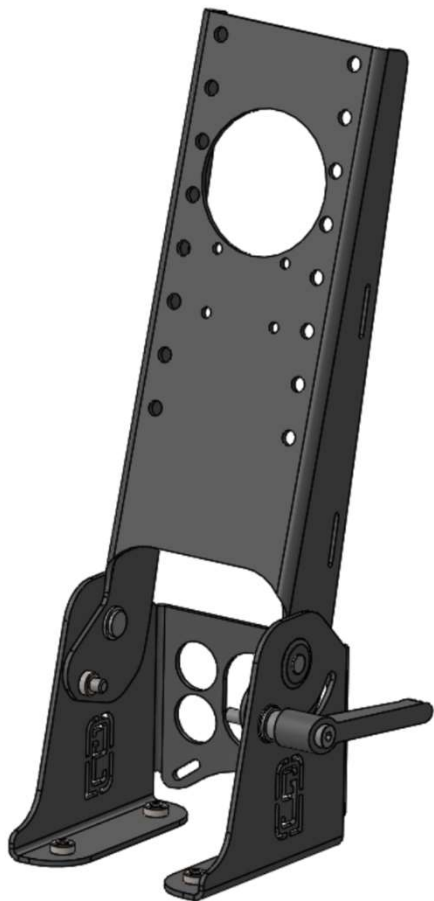
PRODUCT GUIDE

Fold Flat Display Mount, With 1.5" Riser Bracket

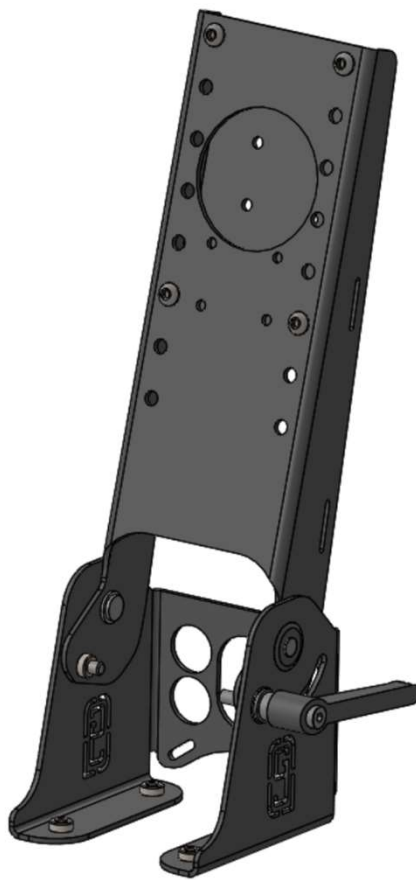
PRODUCT NUMBER(S)

7160-2160 Series

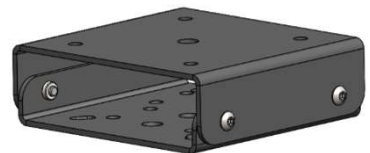
7110-1493



7160-2160



7160-2160-01



7110-1493

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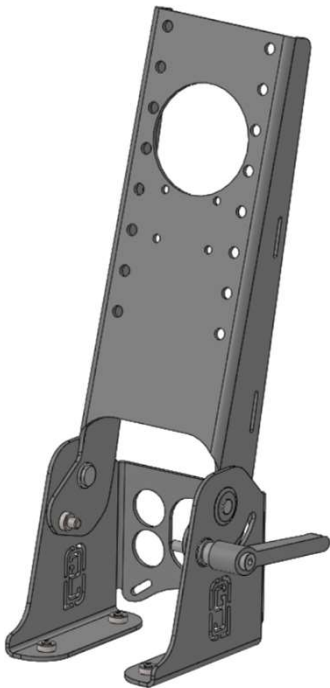
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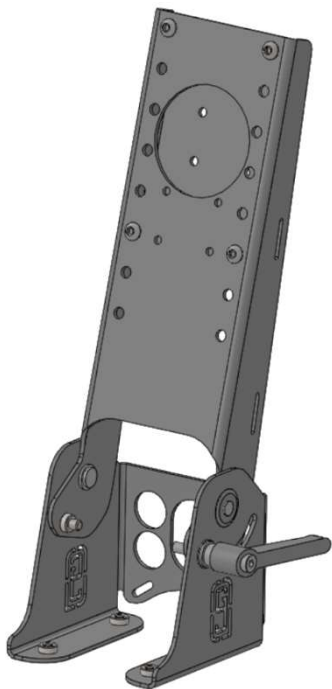


QTY	P/N	DESCRIPTION
1	7160-2160	Fold Flat Tablet Display



QTY	P/N	DESCRIPTION
1	7120-1323	Hardware Bag- Fold Flat Display Bracket

7160-2160-01



QTY	P/N	DESCRIPTION
1	7160-2160-01	Fold Flat Tablet Display



QTY	P/N	DESCRIPTION
1	7120-1323	Hardware Bag- Fold Flat Display Bracket

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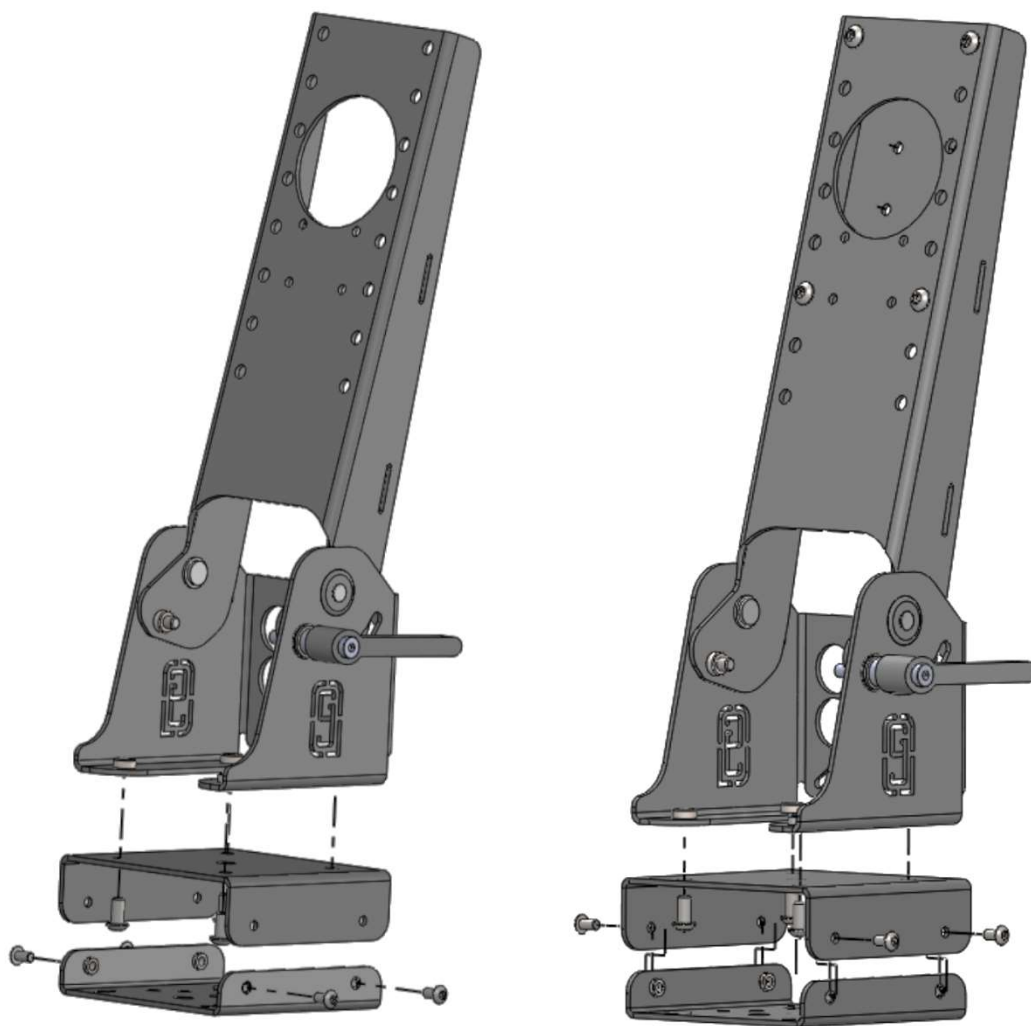
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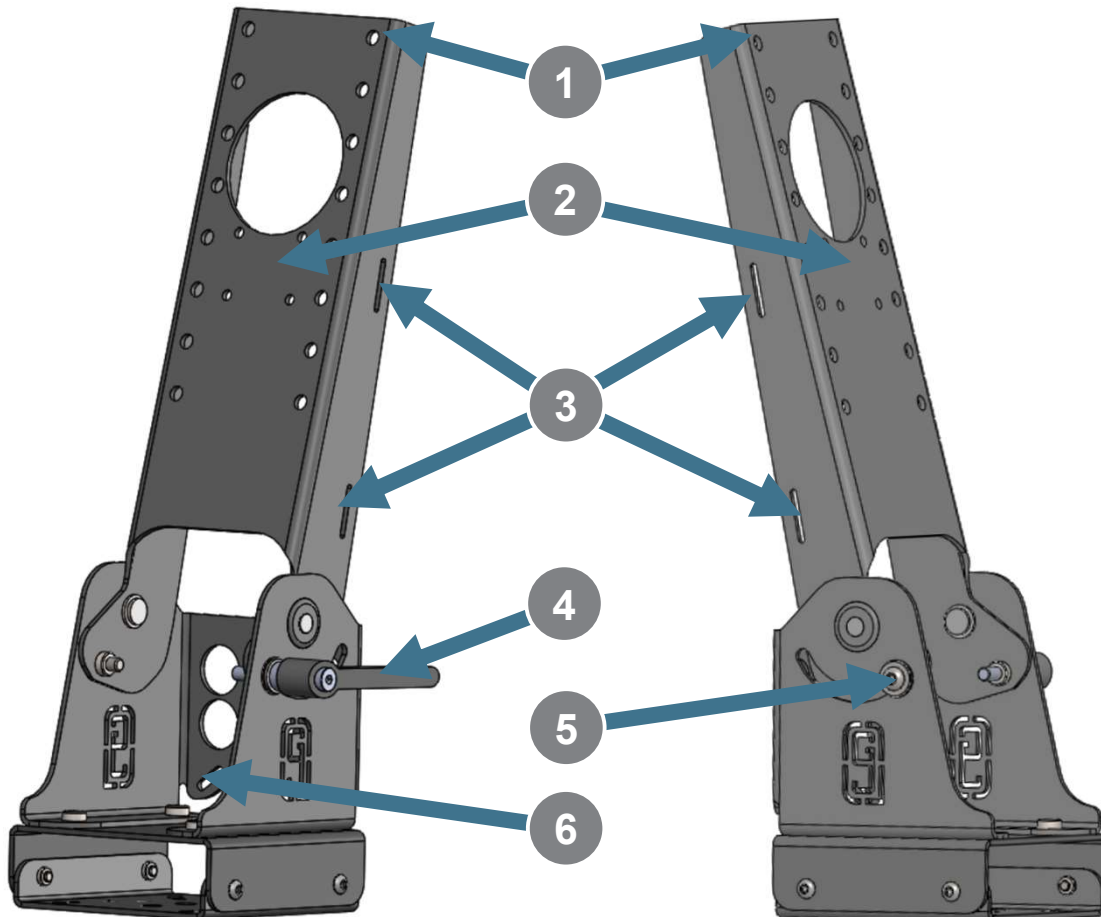
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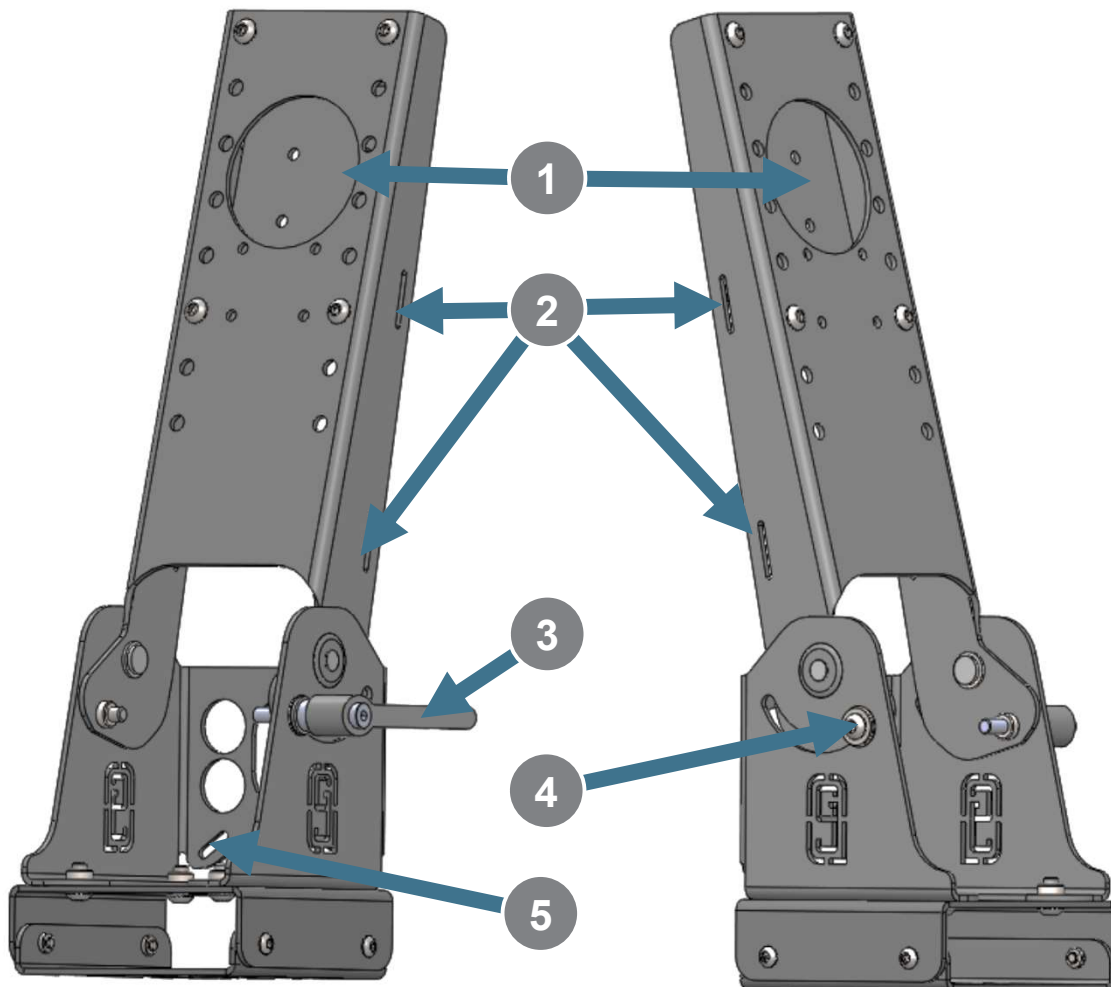


1. Remove the 4 screws connecting the 2 parts of the 1.5" Riser Block (7110-1493) together. Attach the lower part of the 1.5" Riser Block the selected mount or motion device. Attach the top part of the 1.5" Riser Block to the Fold Flat Display Mount (7160-2160-01) using the 4 screws from hardware bag 7120-1323. Reassemble the 2 parts of the 1.5" Riser Block.

**7160-2160 With
7110-1493**

1. The Fold Flat Mount has 4 Vesa 75mm mounting patterns (Item 1), and 1 AMPS mounting pattern (Item 2).
2. Use the integrated cable restraints located on either side of the upper portion of the mount (Item 3) and also on the lower half (Item 6) to secure all cables connected to the device. Ensure there is a relief loop in the cables between the upper and lower parts of the mount to allow full tilt of the mount.
3. Loosen the Fold Flat Mount adjustment handle (Item 4) to adjust the mount to the desired location, then tighten the handle to lock the mount in position. The handle can be moved to a non-interfering position after tightening by pulling out on the handle, rotating it to the desired position, and then releasing it.
4. The Fold Flat Mount's tilt activation force may be adjusted to a preferred tension by either loosening or tightening the adjustment screw (Item 5).

7160-2160-01
With 7110-1490



1. The Fold Flat Mount has a recessed AMPS mounting pattern designed to be used with a 7160-2230-00 or 7160-2230-02 Landscape to Portrait Mount to allow the Fold Flat Mount to lay flat when in the stowed position. (Item 1)
2. Use the integrated cable restraints located on either side of the upper portion of the mount (Item 2) and also on the lower half (Item 5) to secure all cables connected to the device. Ensure there is a relief loop in the cables between the upper and lower parts of the mount to allow full tilt of the mount. If using a Landscape to Portrait Mount with the Fold Flat Mount, ensure there is also a relief loop to allow rotation of the device in both directions.
3. Loosen the Fold Flat Mount adjustment handle (Item 3) to adjust the mount to the desired location, then tighten the handle to lock the mount in position. The handle can be moved to a non-interfering position after tightening by pulling out on the handle, rotating it to the desired position, and then releasing it.
4. The Fold Flat Mount's tilt activation force may be adjusted to a preferred tension by either loosening or tightening the adjustment screw. (Item 4)



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Product Mounting Disclaimer

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