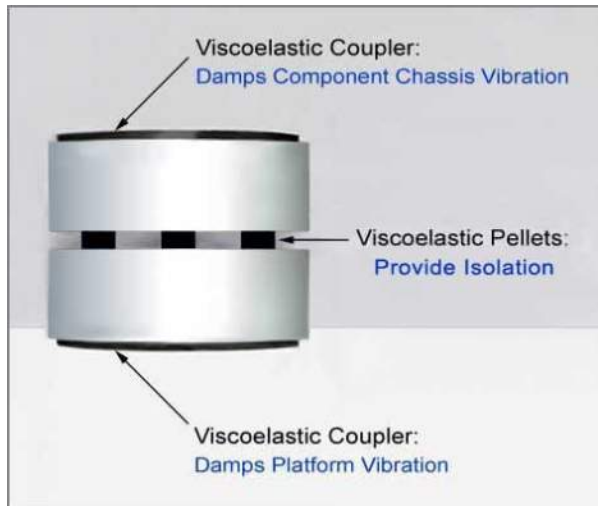


# EQUARACK

## MultiMount Owner's Manual



How do they work? [Please read the web-page carefully and watch the video!](#)

Please Follow these instructions explicitly to get the most from the Mounts!

Refer to the Drawings included at the End of this Owner's Manual

If you have any questions or comments, don't hesitate to call us!

MultiMounts are not for everyone. If you want to just "throw" something under your equipment, they may not be right for you. MultiMounts are very "smart" but they require the user to think and invest just a little time. Do this, and you will be rewarded!

### Handling of Mounts:

Mount Parts and Viscoelastic Pellets should be kept clean. Place the Pellets into the Mounts right from the plastic bags without any "rehandling" or "loose storage".

### Use (3) or (4) or More Mounts?:

Mounts in groups of three (3) are fine for support of many components and smaller loudspeakers. Two Mounts are placed beneath the heavy portion of the component or loudspeaker and the third (single) Mount generally centered under the opposite, lighter side. Very good performance may be so obtained. Using four (4) Mounts (or more) offers the benefit of *additional* damping of chassis-borne vibration, more stability and weight capacity.

## Determine Which Viscoelastic Pellets to Use and the Required Number Thereof:

The Pellets come in two weight capacities; MP-1 @1lb. each and MP-3 @3lbs. each. Pellets should *NOT* be mixed to support equipment. Use *all of one* weight capacity only.

MP-1 Pellets should be used to support light components, generally weighing under 20lbs.

The Mounts can be used with just one (1) or (2) MP-1 or MP-3 Pellets each, when supporting a light component – as light as 3lbs., *except* when a light component has a stiff, heavy power cord that will “pull” laterally and cause the Mount’s Discs to misalign. If such misalignment occurs, *add* more Pellets to remedy the problem. Using *at least* (3) Pellets is *recommended* because this provides more resistance to misalignment and enhances stability!

Decide which Pellets you want to use. Then, divide the weight of the component or loudspeaker by 1lb. for MP-1 Pellets or 3lbs. for MP-3 Pellets to get the *total* number of required Pellets.

After you have decided on the number of Mounts you will use, refer to the drawings, “Determine the Number of Required Pellets 1 & 2” to get the required number of Pellets for *each* Mount.

**When in doubt, always *add* an “extra” Pellet to a Mount!**

**Determine Component Weight Distribution:** ALL viscoelastic elastomers are *weight-sensitive*. The viscoelastic Pellets perform best if they are not overloaded or underloaded by (+/-)15%.

You may simply lift the component to determine if it is significantly heavier in the front, rear, on one side or one corner and then place more Pellets in the Mount(s) that support the most weight and fewer in the Mount(s) that support less weight.

More precise weight-distribution can be determined by using a household floor-scale or shipping scale @Drawings, “Component Weighing-1 & 2”.

Weighing the component on a table will eliminate bending!

Some components are small enough so that their feet can rest directly on a scale as pictured in drawing, “Component Weighing-1”, while others are too large, in which case “blocking” must be used on the scale, as shown in Drawing, “Component Weighing-2”.

If the component is heavier in the front or rear and somewhat “balanced” from side to side, or if the component’s weight is evenly distributed, weigh the front or back and *subtract* this weight from the total weight to get the weight distribution.

If the component is heavier on one side and somewhat “balanced” from front to rear, weigh one side and *subtract* this weight from the total weight to get the weight distribution.

Use *narrow* “strip” blocking to support one end or side of the component on the *center* of the scale. Place other blocking close to the *outer edge* of the chassis so you get an accurate, localized weight. You may use foam board, books or magazines as blocking.

## **Install Viscoelastic Pellets @ Drawing: "Pellet Placement Chart"**

Place the required number of Viscoelastic Pellets in the counterbores of each Mount's bottom disc in "patterns" as shown on the Drawing, "**Pellet Placement Chart**". Then, assemble the Mount by *visually aligning* the Pellets in the bottom disc with the counter-bores of the top disc and push them together. The large Pellets and flared, deep counterbores provide very easy assembly!

## **Arrange the Mounts to Support the Component:**

It is best to *first* place the Mounts in their *final positions* upon the supporting surface and then place the component or loudspeaker on the Mounts.

The Mounts are most effective when they contact "solid", flat areas of the component chassis which can better conduct the flow of vibratory energy from the chassis into the Viscoelastic Couplers. They should generally be placed close to the stock feet of the component. Placing one Mount directly below a heavy transformer, when practical, is recommended.

When using (3) Mounts, two (2) Mounts are placed under the *heavier* end of the component and the third Mount is usually centered under the opposite, *lighter* end, but if the weight is not centered on the lighter side, the single Mount should be positioned slightly off-center.

For components, determine the arrangement and spacing of the Mounts by placing the component upside-down on a table. Then, place the Mounts on the underside surface in their desired locations and measure their centerline X & Y dimensions using a ruler and record these on paper. Use these dimensions to place the Mounts on the supporting surface with consideration as to edge setback or centering within a rack, cabinet or platform.

For loudspeakers, determine the desired X & Y dimensions and then place the Mounts on the floor using those dimensions, arranged in the final positions of the loudspeakers.

Do not "drag" a component or loudspeaker on the Mounts to attain final position! Instead, lift the component or loudspeaker up before moving it or moving the Mount(s) that support it!

Heavy components and loudspeakers require two people for set-up!

## **Replacing Components & Changing the Number of Viscoelastic Pellets:**

When you replace a component or loudspeaker with another, unless it is almost identical in weight *and* weight-distribution, you must add or remove Viscoelastic Pellets in the Mounts. The Mounts and Pellets should be disassembled, washed with soap and water and air-dried.

## **Guaranty:**

If for any reason you not satisfied with the Mounts, you may return them for a full refund of the purchase price within thirty (30) days of having received them. Please contact us by phone or email *before* making any return!

**Warranty:**

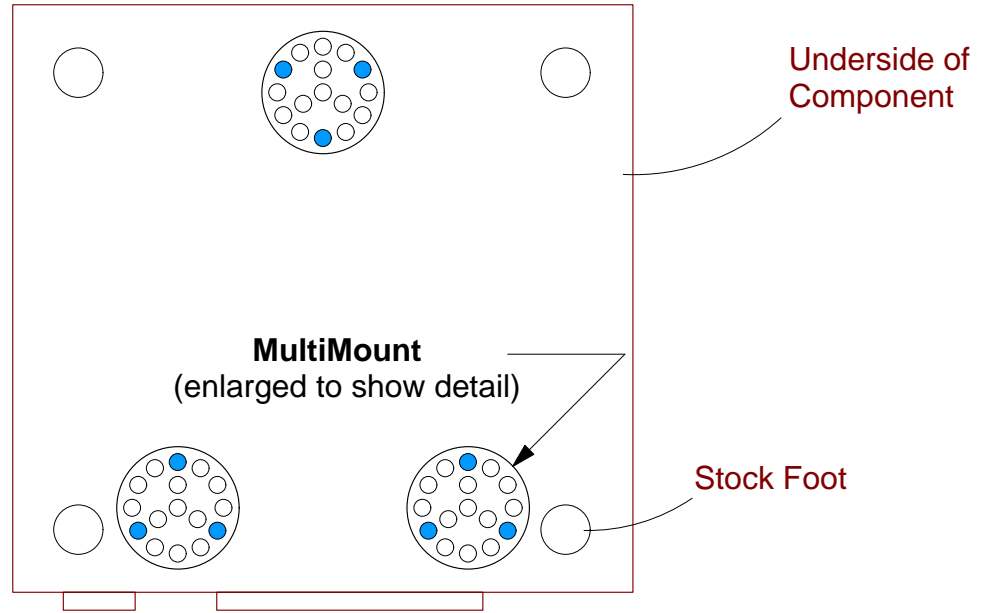
A warranty is provided to the original purchaser of all EquaRack products, against material and manufacturing defects for a period of five years from date of purchase. In the very unlikely event that a part is defective, contact us by email or phone with an explanation of the problem. You may be asked to return the defective part. We will replace any part or parts which have failed under normal use free of charge, including the cost of shipping to the customer.

**Feedback:**

We greatly appreciate hearing from our customers so please email any comments you may have!

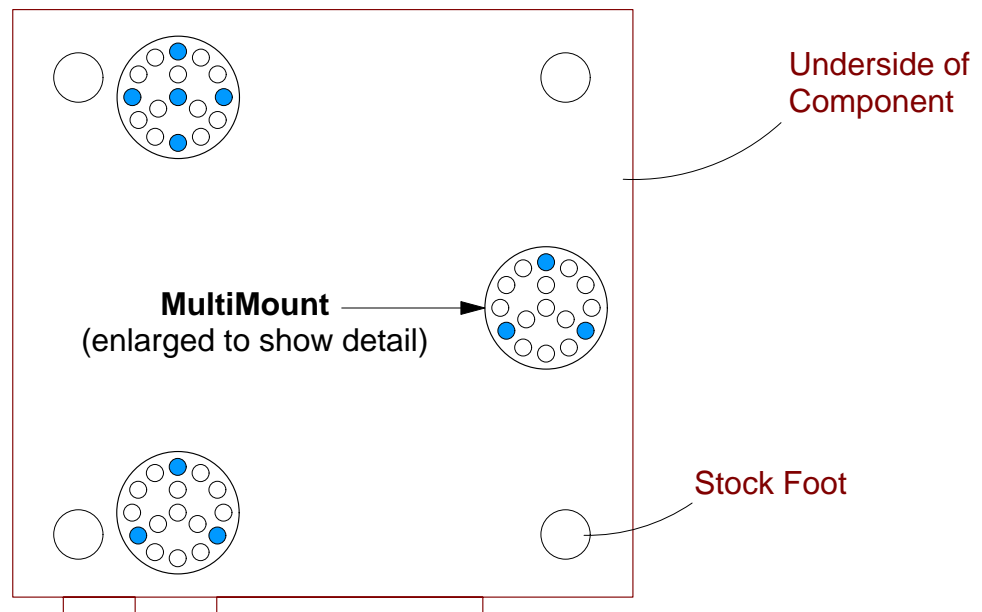
**EquaRack**  
12 Red Hawk Lane  
Park City, UT 84098  
Tel: 435-615-0072  
[info@equarack.com](mailto:info@equarack.com)  
[www.equarack.com](http://www.equarack.com)

## Determine Number of Required Pellets - 1



**Total Component Weight = 8lbs. Unequally Dist; 5lbs. Front /3lbs. Rear**

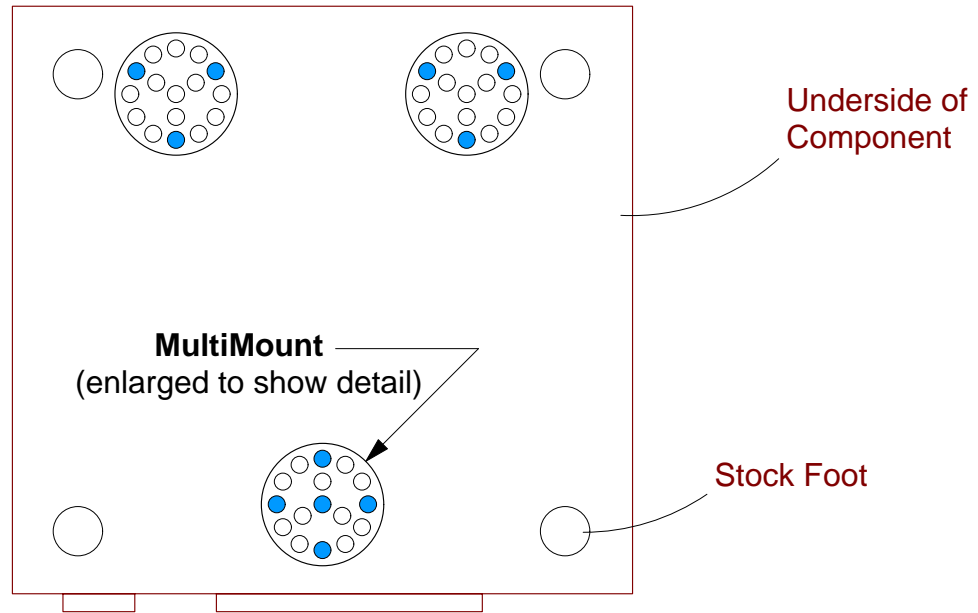
This example shows three (3) Mounts using MP-1 Pellets. Two Mounts support the heavier front portion of this component.



**Total Component Weight = 32lbs. Unequally Dist; 24lbs. Left Side /8lbs. Right Side**

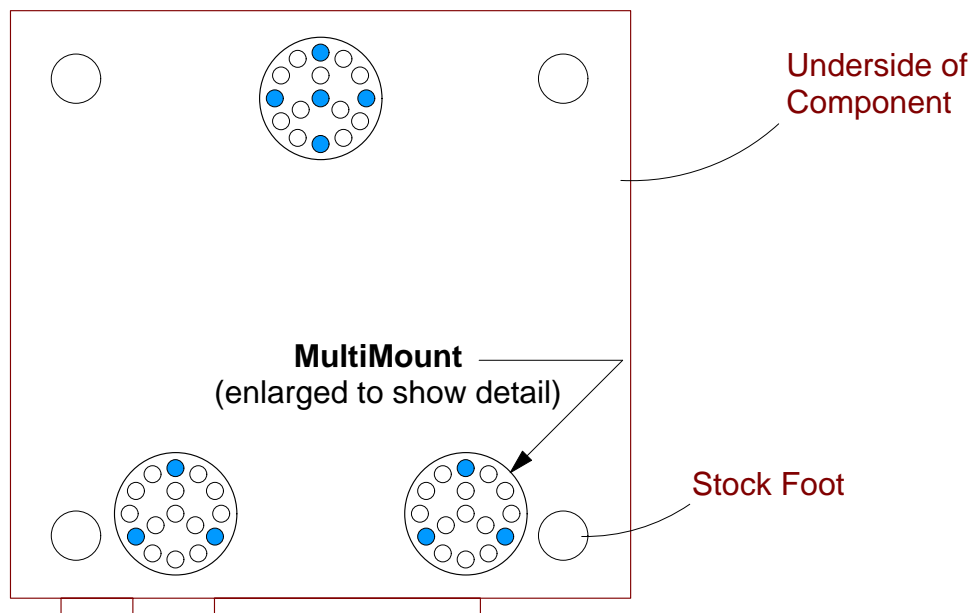
This example shows three (3) Mounts using MP-3 Pellets. The Mount in the upper left position with (5) Pellets is below a heavy transformer.

## Determine Number of Required Pellets - 2



**Total Component Weight = 27lbs. Front-To-Back Weight Is Equal.**

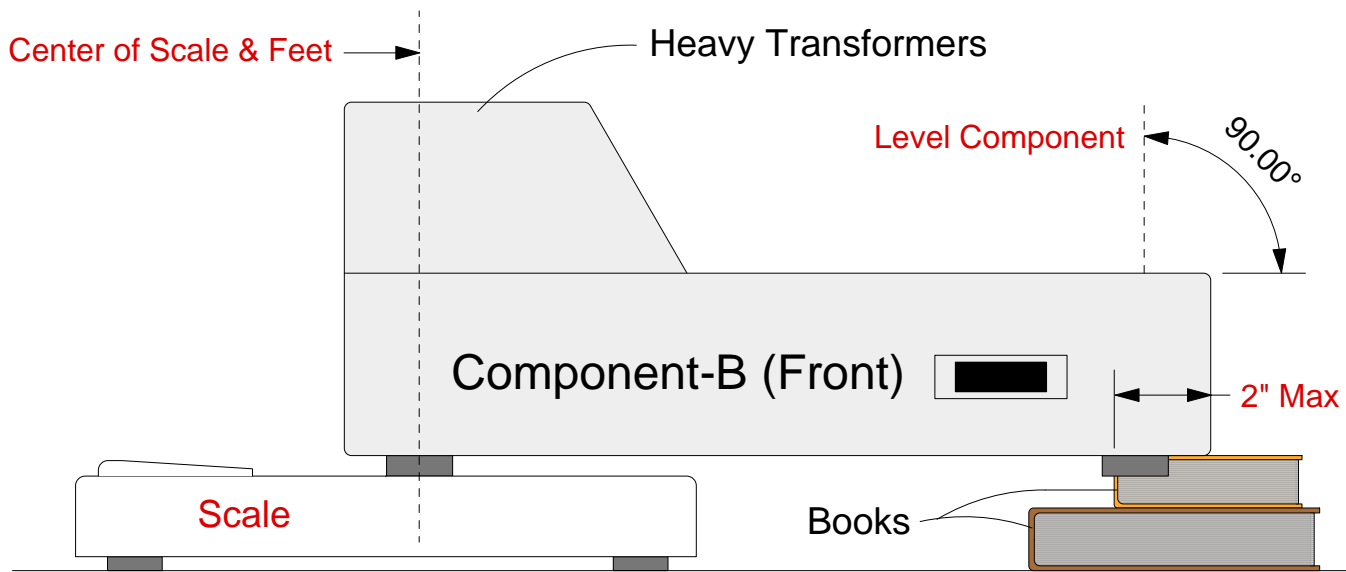
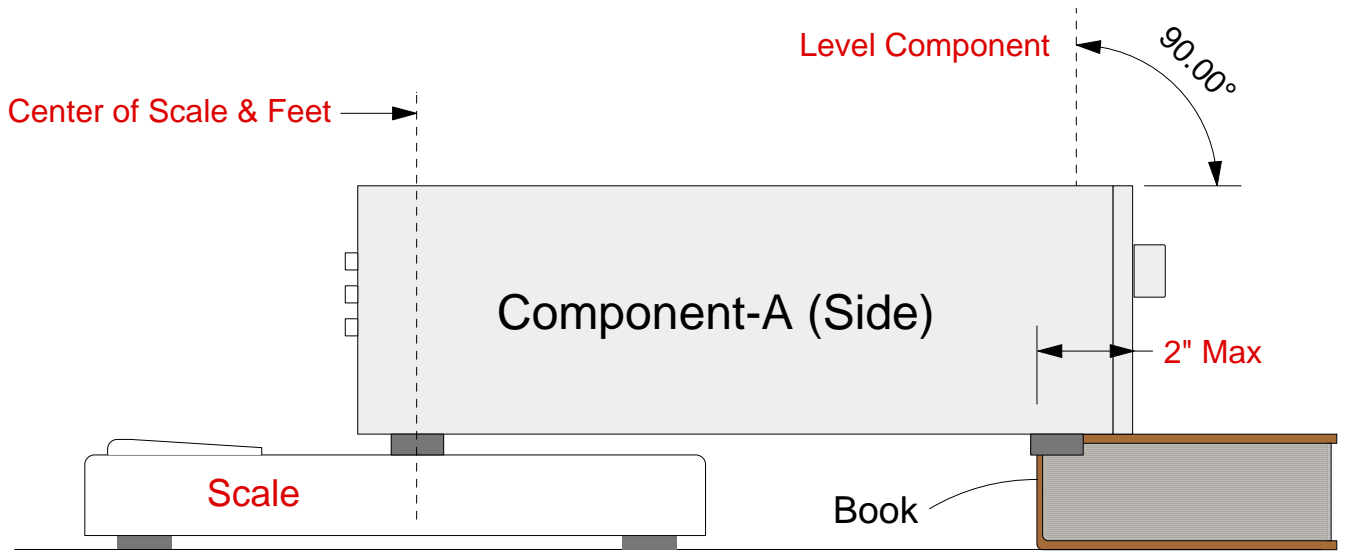
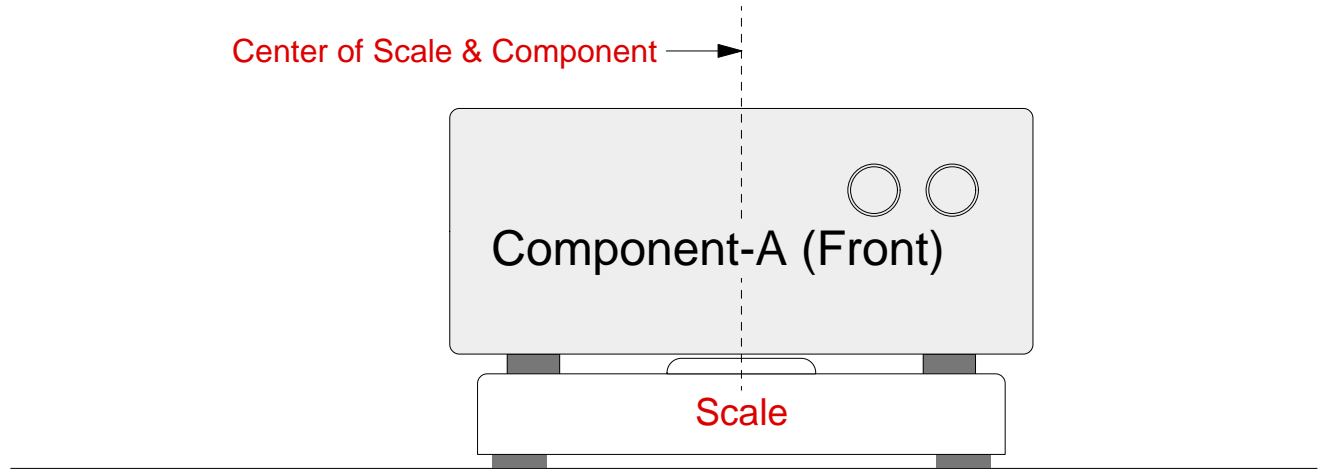
This example shows three (3) Mounts using MP-3 Pellets. Two Mounts support the heavier rear portion of this component. There are (2) "extra" Pellets to enhance the capacity and stability of the rear Mounts and (1) "extra" Pellet to insure that the front Mount is not overloaded.



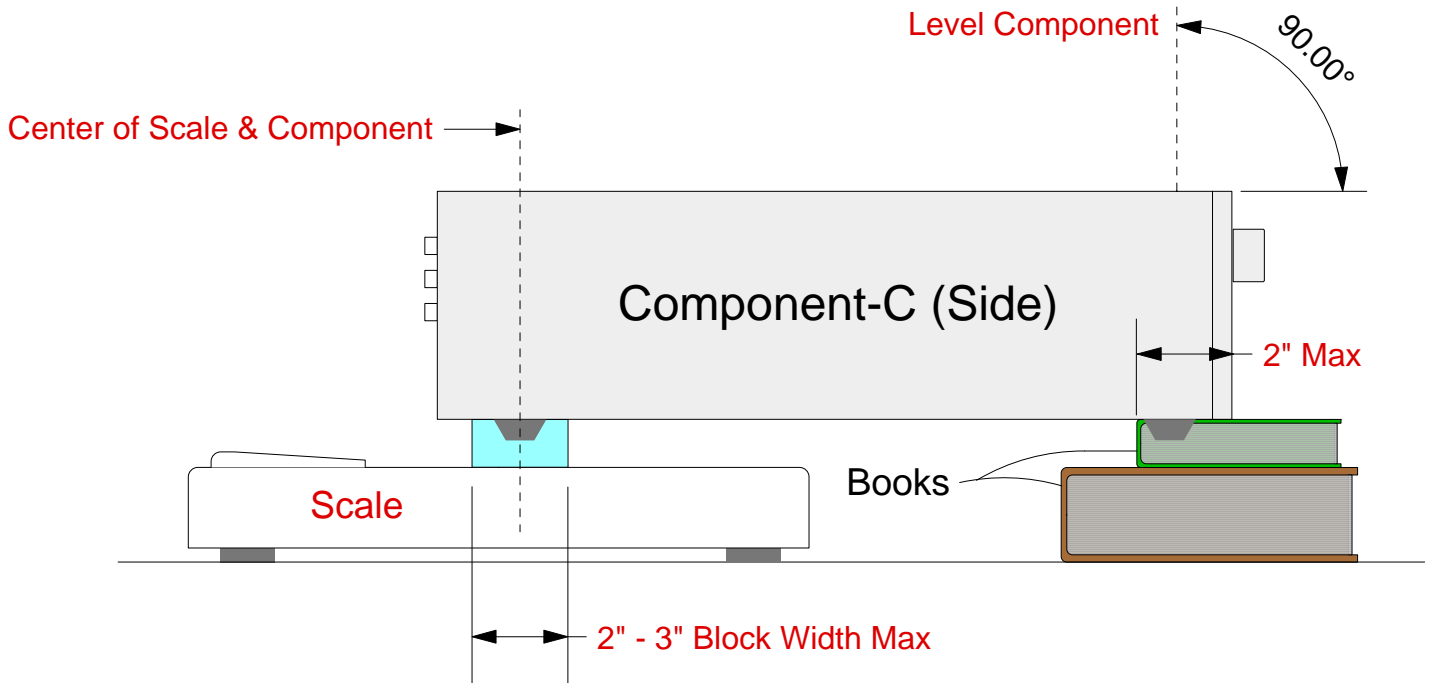
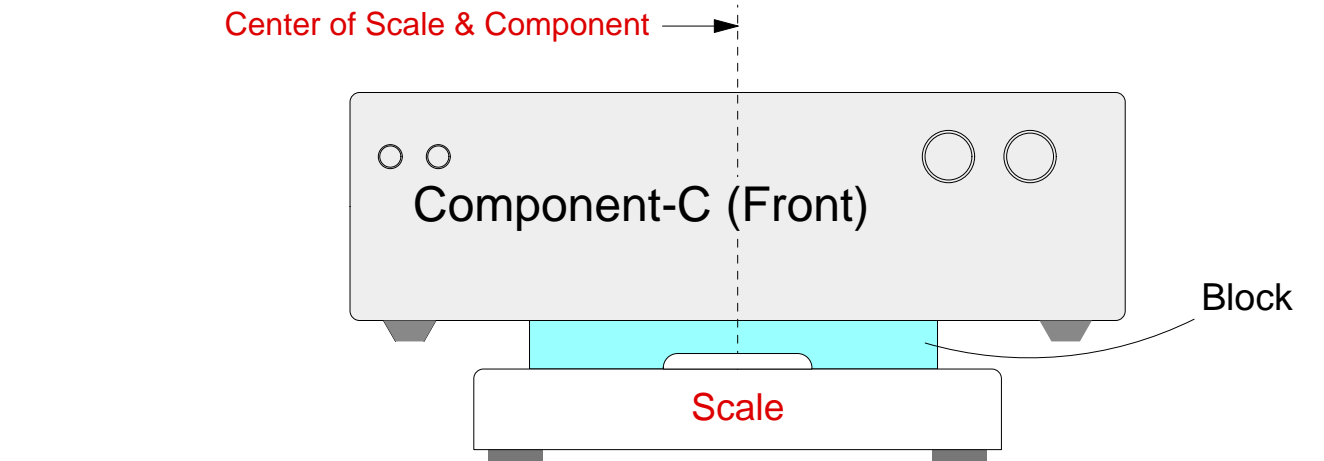
**Total Component Weight = 33lbs. Unequally Dist; 19lbs. Front /14lbs. Rear**

This example shows three (3) Mounts using MP-3 Pellets. Two Mounts support the heavier front portion of this component. There are no "extra" Pellets.

# Component Weighing - 1

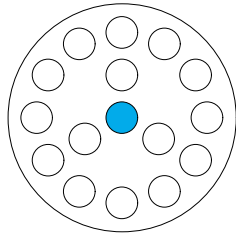


## Component Weighing - 2

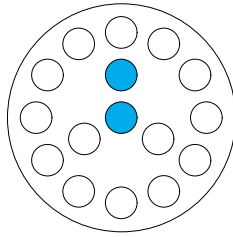




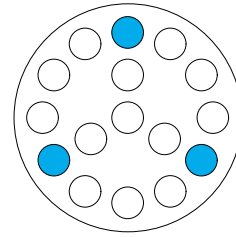
# MultiMount Pellet Placement Chart



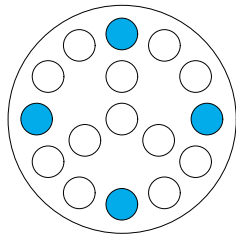
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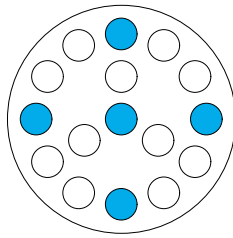
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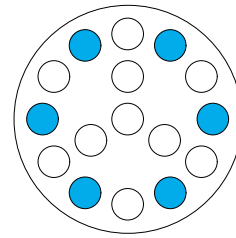
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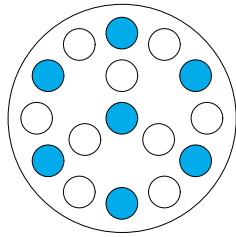
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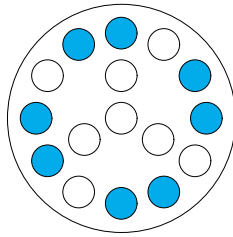
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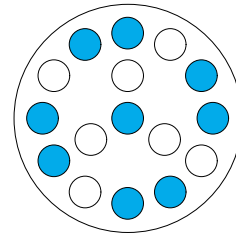
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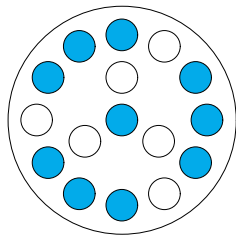
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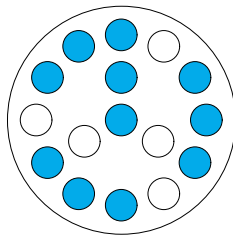
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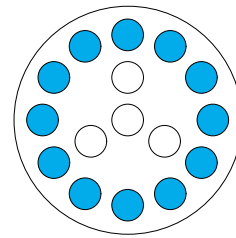
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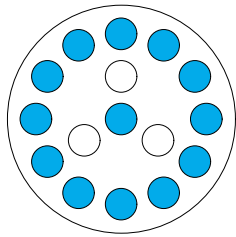
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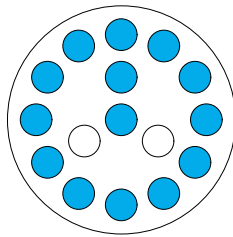
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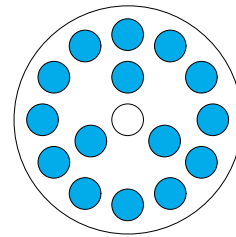
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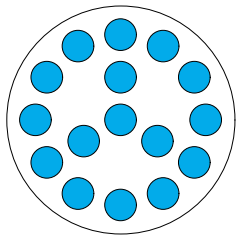
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16