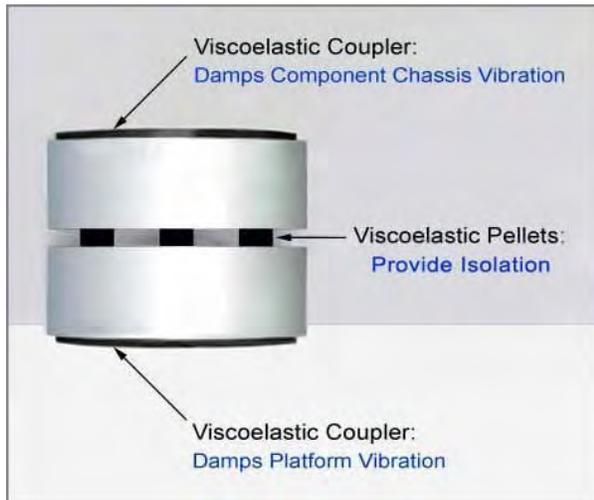


EQUARACK

MultiMount Owner's Manual



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

Refer to the Drawings included at the End of the Manual

How do they work? Please read the web-page carefully and watch the video!

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 Must Be Kept Clean! Contamination with carpet fibers, pet hair, "lint" or any foreign debris can degrade the effectiveness of the Mounts. Place the Pellets into the Mounts right from the sealed plastic bag without any "re-handling" or "loose storage".

Weigh the Component:

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**".

Weigh the component on a scale and compare the measured weight to the weight indicated by the manufacturer. We refer to this weight as "the total weight". A large component may be turned on its side to fit on your scale. If there is a disparity that exceeds 5%, you should obtain an accurate scale. Although not absolutely required, a scale with a digital display in 0.2lb. increments will provide more precise weight measurement.

Determine Component Weight Distribution: @ Drawings, "Component Weighing-1 & 2"

Lift or weigh the component to determine if it is significantly heavier in the front or rear, or if it is significantly heavier on one side. **Weighing the component on a table will eliminate bending!**

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. One-inch thick rigid insulation ("blue-board") sold in home improvement centers makes excellent blocking for this purpose but you may also use wooden blocks on the scale or books and magazines at the edge of a component or loudspeaker. When blocking a loudspeaker, use only "softer" materials to prevent damage to the bottom edge of the cabinet!

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

Mounts in groups of three (3) are fine for support of most components - especially those that are not very heavy and have thicker "plate" chassis. Two (2) Mounts are placed beneath the heavy portion of the component and the third (single) Mount generally centered under the opposite, lighter side. Very good performance may be so obtained. However, it should be noted that using only one (1) Mount (or *any* footer) under the center of one side of a heavy component may not provide adequate support if the chassis is made of flimsy, light-gauge metal and it "bends" upward. Using four (4) Mounts (or more) not only eliminates this issue of bending, but also offers the benefit of *additional* damping of chassis-borne vibration provided by the "extra" Coupler(s), albeit at a higher cost. Finally, if ultimate stability is desired, using four (4) Mounts is simply better!

Determine Which Viscoelastic Pellets to Use:

The Pellets are sold in Ten-Packs of (10) Pellets each.

They come in two weight capacities; **MP-1 @1lb. each** and **MP-3 @3lbs. each**. They 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 up to 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. with MP-1 Pellets, *except* when a light component has a stiff, heavy power cord that will “pull” laterally and cause the Mount’s Top Discs to misalign. If such misalignment occurs, add more MP-1 Pellets or use the “stiffer” MP-3 Pellets to remedy the problem. Using *at least* (3) Pellets provides more resistance to misalignment!

Determine Required Number of Viscoelastic Pellets:

After you have weighed the component, and you have decided on the number of Mounts you will use, refer to the drawings, “**Determine the Number of Required Pellets 1 & 2**”.

When in doubt, always add an extra Pellet!

Install Viscoelastic Pellets @ Drawing: “Pellet Placement Chart”

Place the required number of Viscoelastic Pellets in the counter-bores 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 counter-bores 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” 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 or loudspeaker. In some cases, especially with component chassis that are heavily perforated and thin, it is desirable to remove the stock feet so as to make available the best “solid” areas of contact and support, however always check with the manufacturer *before* removing the feet!

When using (3) Mounts, two (2) are placed under the heavier end of the component and the third Mount is usually centered under the opposite end, but if the component is also somewhat heavier on one side, the single Mount can be positioned slightly off-center - favoring the heavy side.

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.

The Viscoelastic Couplers may “stick” to some component chassis or speaker cabinets, depending on the surface materials and finishes and especially, their weight. This is actually *good* because

intimate contact is *required* to facilitate effective damping. It is best to test for this “sticking” by placing the Mounts on a table or the floor and then placing the equipment on the Mounts. If the equipment cannot be moved or “slid” on the Mounts with little effort and the Top Discs misalign, place an included **Sliding Strip** on top of each Coupler before you place the equipment, as shown on the page, “**Sliding Strips**”.

Lift and *gently* place the equipment onto the Mounts or Sliding Strips in as close to its final position as possible. Then, *gently* slide the equipment into its final position while *lifting slightly at the same time*. If you choose to move a Mount under equipment, *hold both Discs in alignment* while you move it. **TWO people will be required except for very light equipment!** Check the alignment of the Top and Bottom Discs of each Mount visually, using a flashlight if necessary. Any required alignment should be performed by lifting enough weight off of the Mount to allow movement. Align Mounts by sliding the Top Disc into alignment with the Bottom Disc. When finally positioned, *gently* lift enough weight off of each Mount and remove any Sliding Strips by *gently* pulling *straight-out* – NOT down and store them for future use.

Replacing The Pellets: The Pellets will provide peak performance for *at least* 2-years, after which we recommend their replacement. No Viscoelastic part lasts forever!

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. Do not use a rag or cloth to dry Mount parts or Pellets because they will leave lint.

Guaranty:

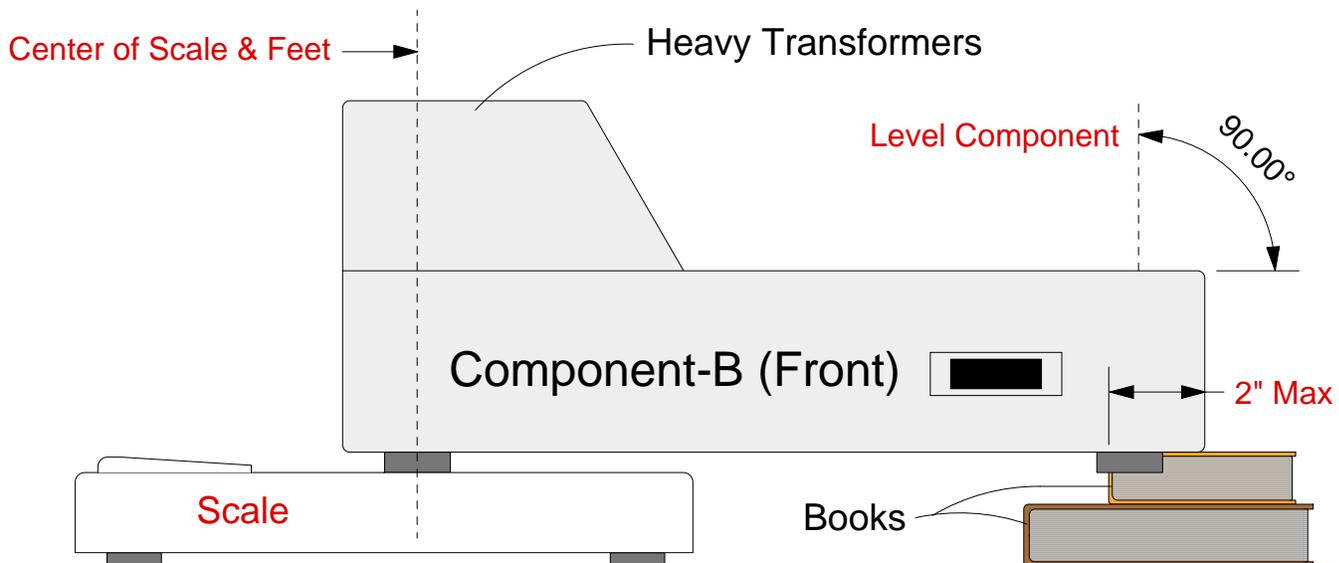
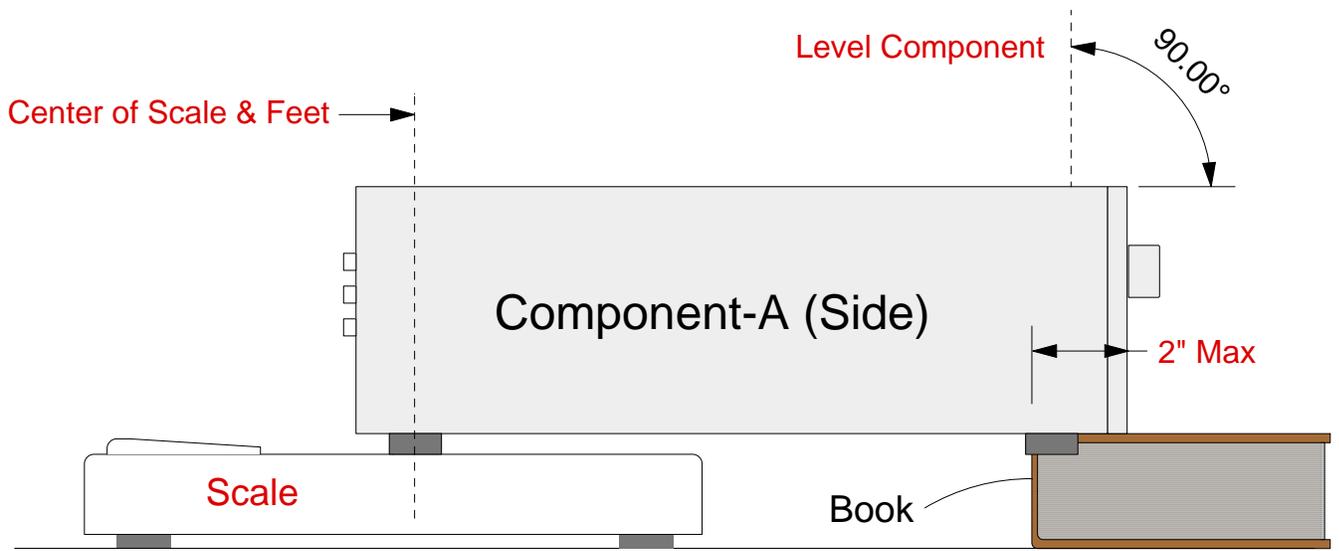
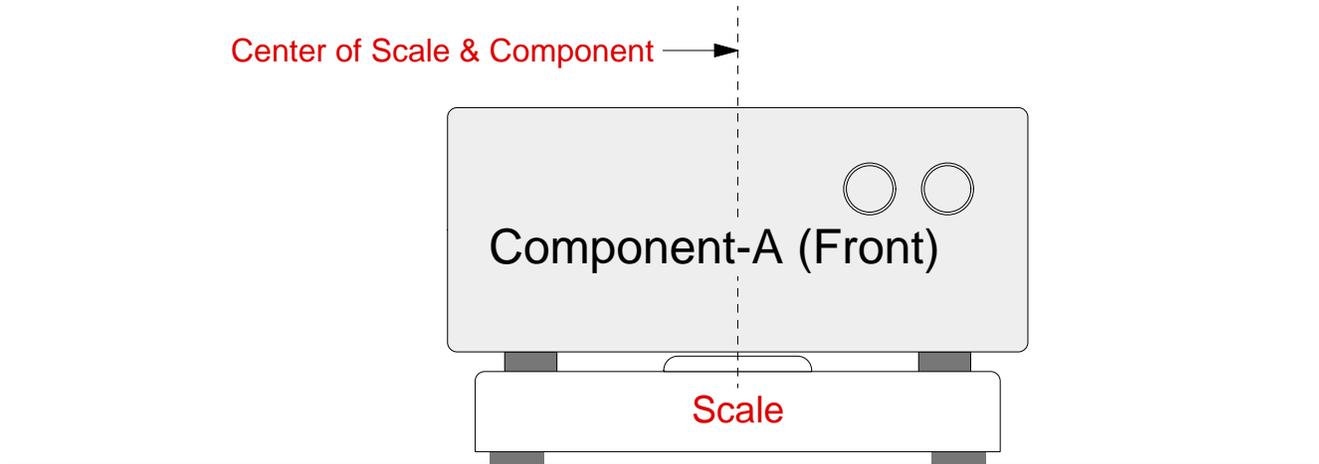
If for any reason you not satisfied with the Mounts, you may return them for a full refund of the purchase price within thirty (30) days of having received them. Please contact us by phone or email before making any return!

Warranty:

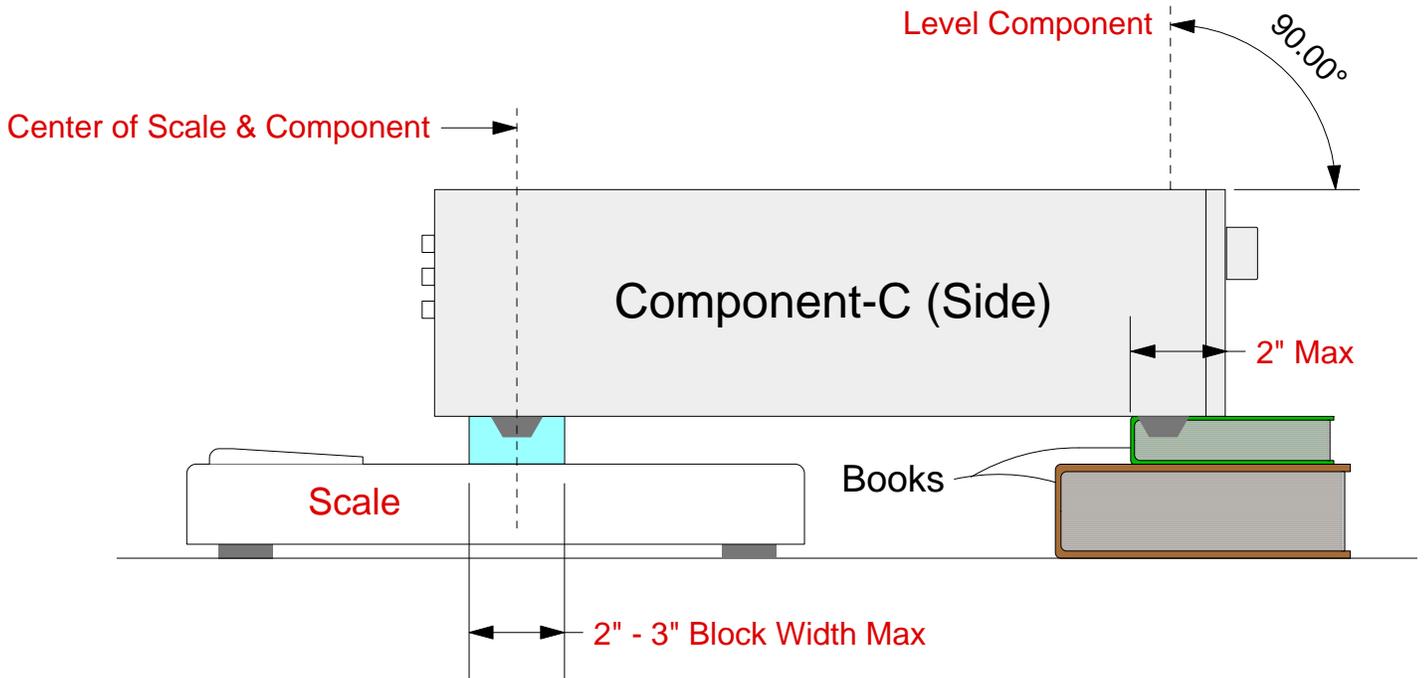
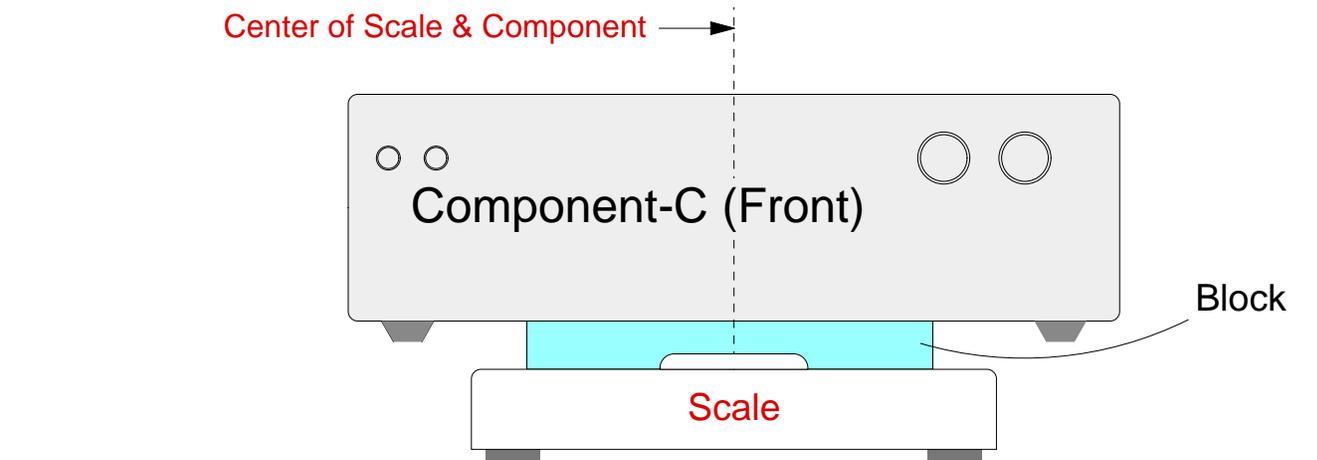
A warranty is provided to the original purchaser of all EquaRack products, against material and manufacturing defects for a period of 5-years from date of purchase. In the very unlikely event that a part is defective, contact us by email or phone with an explanation of the problem. You may be asked to 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.

Equa Corporation
1086 Old Stone House Way
Park City, UT 84098
Tel: 435-615-0072 Email: info@equarack.com
www.equarack.com

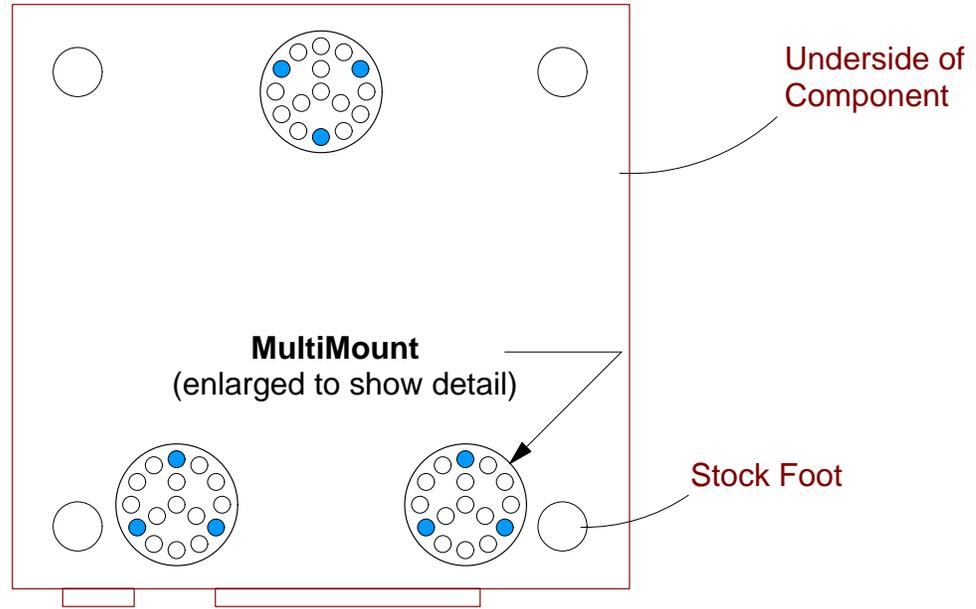
Component Weighing - 1



Component Weighing - 2



Determine Number of Required Pellets - 1



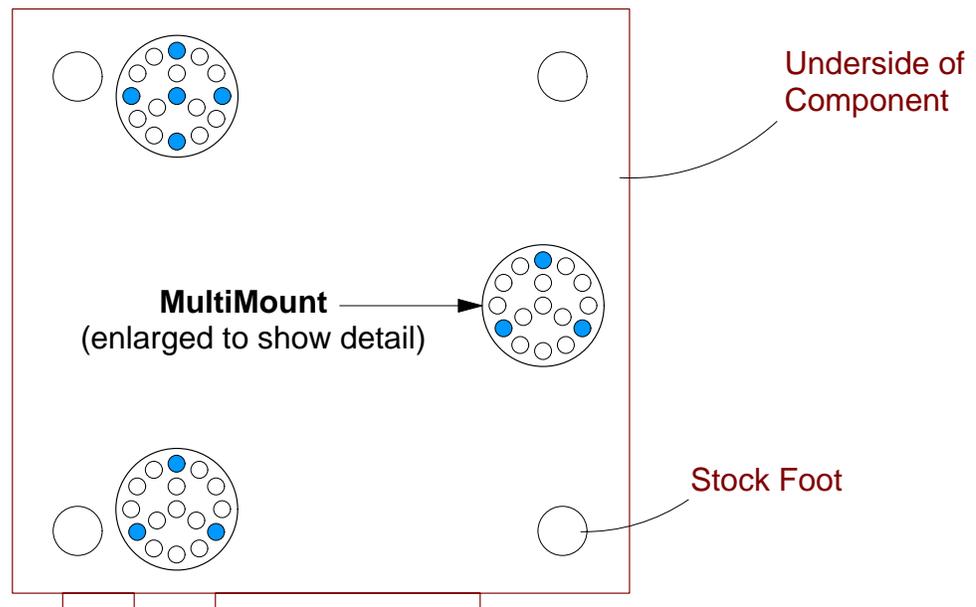
Total Component Weight = 8lbs. Unequally Dist; 5lbs. Front /3lbs. Rear

One (1) MP-1 Viscoelastic Pellet Can Support a Maximum of 1lb.

Divide the Weight Per Mount by 1. If the resultant number includes a fraction *less* than .25, round-off to the next *lowest* full number. If the fraction is *greater* than .25, round-off to the next *highest* full number.

1-Rear Mount: supports 14lbs. $\div 3 = 4.67$ Use 5-Pellets

2-Front Mounts: each supports 9.50lbs. $\div 3 = 3.16$ Use 3-Pellets Ea.



Total Component Weight = 33lbs. Unequally Dist; 19lbs. Left Side /14lbs. Right Side

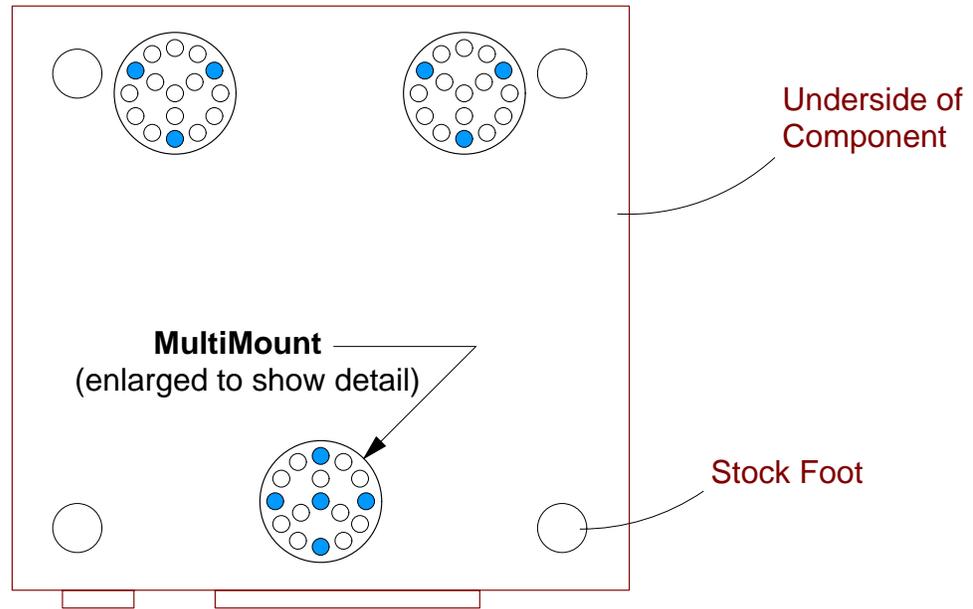
One (1) MP-3 Viscoelastic Pellet Can Support a Maximum of 3lbs.

Divide the Weight Per Mount by 3. If the resultant number includes a fraction *less* than .25, round-off to the next *lowest* full number. If the fraction is *greater* than .25, round-off to the next *highest* full number.

1-Right Mount: supports 14lbs. $\div 3 = 4.67$ Use 5-Pellets

2-Left Mounts: each supports 9.50lbs. $\div 3 = 3.16$ Use 3-Pellets Ea.

Determine Number of Required Pellets - 2



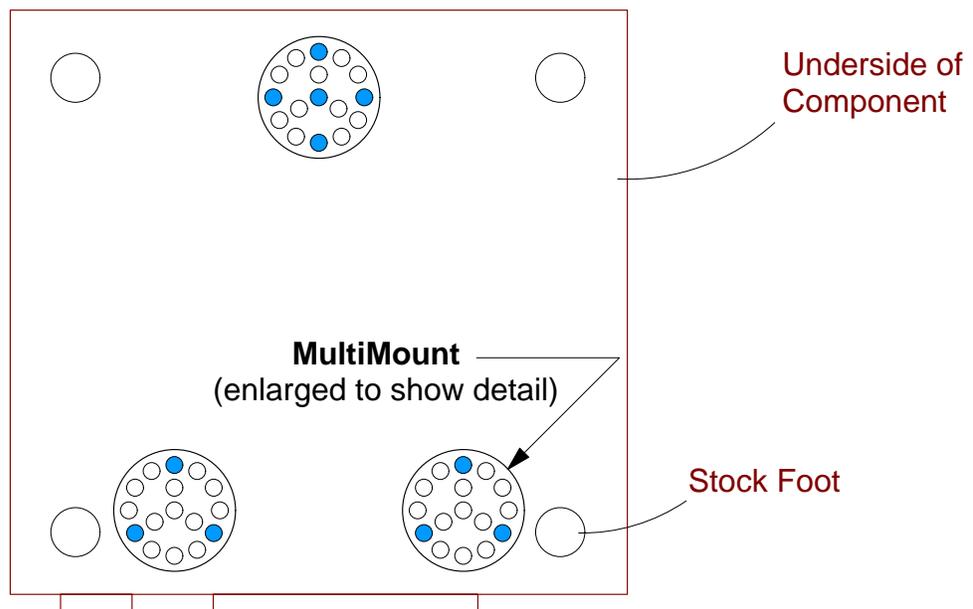
Total Component Weight = 27lbs. Front-To-Back Weight Is Equal.

One (1) MP-3 Viscoelastic Pellet Can Support a Maximum of 3lbs.

Divide the Weight Per Footer by **3**. If the resultant number includes a fraction *less* than .25, round-off to the next *lowest* full number. If the fraction is *greater* than .25, round-off to the next *highest* full number.

2-Rear Mounts: each supports 6.75lbs. $\div 3 = 2.25$ Use 3-Pellets Ea.

1-Front Mount: supports 13.5lbs. $\div 3 = 4.50$ Use 5-Pellets



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

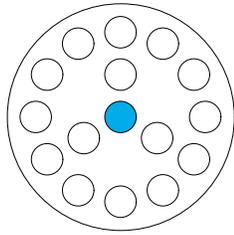
One (1) MP-3 Viscoelastic Pellet Can Support a Maximum of 3lbs.

Divide the Weight Per Mount by **3**. If the resultant number includes a fraction *less* than .25, round-off to the next *lowest* full number. If the fraction is *greater* than .25, round-off to the next *highest* full number.

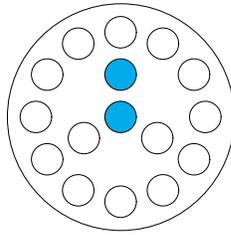
1-Rear Mount: supports 14lbs. $\div 3 = 4.67$ Use 5-Pellets

2-Front Mounts: each supports 9.50lbs. $\div 3 = 3.16$ Use 3-Pellets Ea.

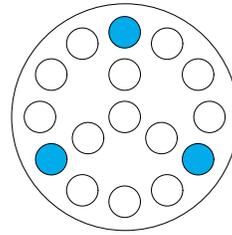
MultiMount Pellet Placement Chart



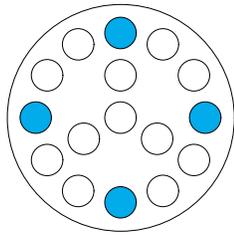
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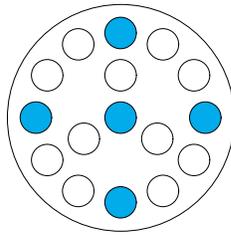
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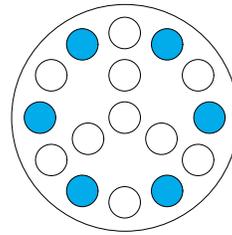
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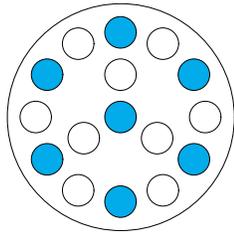
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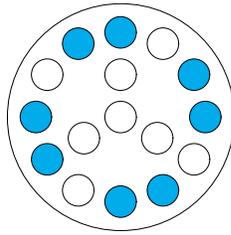
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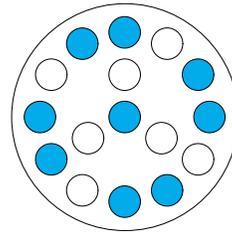
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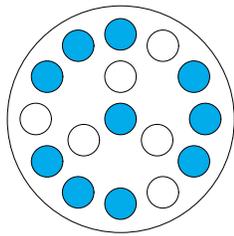
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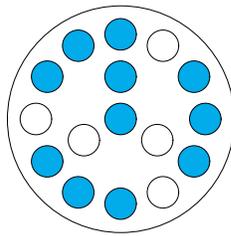
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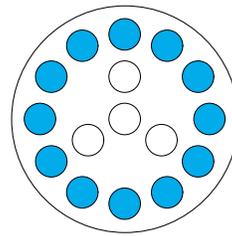
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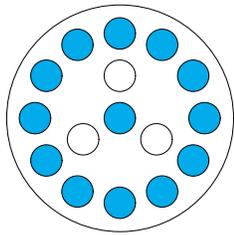
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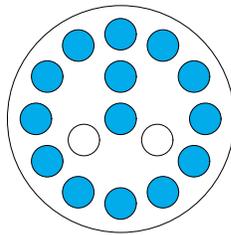
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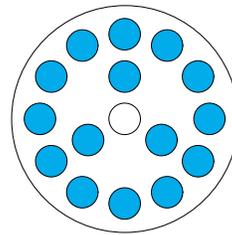
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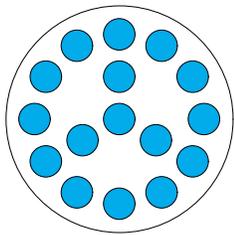
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16

Sliding Strips:

