



ISOLATION BASE FOOTER CHANGE
Rev. E

A Low Noise Floor Is Fundamental

Step 1. Flip the HRS Isolation Base up side down on a soft surface so you have access to the bolts that hold the Super-feet (SF) in place (Picture 1). G-series feet do not have a bolt, as the threads are part of the feet (Picture 2). Be sure to use a soft surface to reduce the risk of scratching the isolation base frame.



Picture 1 (SF)



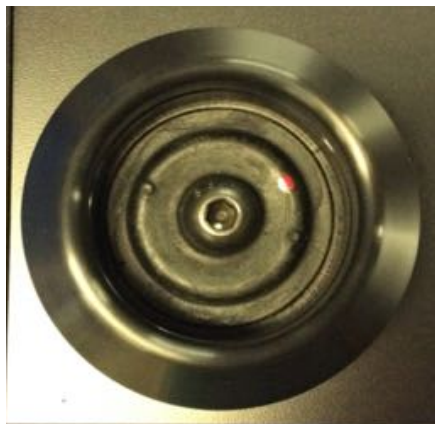
Picture 2 (G-series)

Step 2. Identify the load ranges of the isolators that are installed on the isolation base. This will determine what size of bit must be installed on your torque wrench to remove the bolts. G-series feet do not require any tools to remove or install.

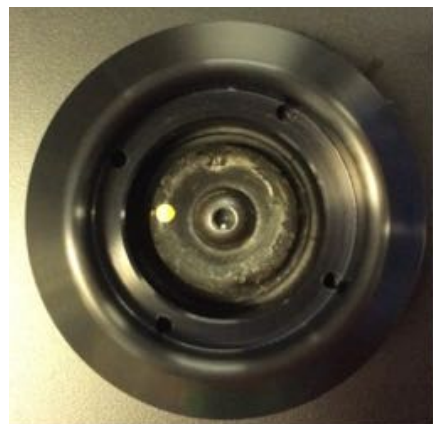
The load range of each isolator can be identified by the color of the dot on the bottom of the rubber (Table 1). Super-feet that have BL, GN, or RD load range isolators installed (SF-2, Picture 2) require a $\frac{7}{32}$ " hex bit. Feet with OR, YL, PK, or WT load range isolators (SF-3, Picture 3) require a $\frac{5}{32}$ " hex bit.

Dot Color	Blue	Green	Red	Orange	Yellow	Pink	White
Load Range Abbreviation	BL	GN	RD	OR	YL	PK	WT

Table 1



Picture 2 (SF-2)



Picture 3 (SF-3)

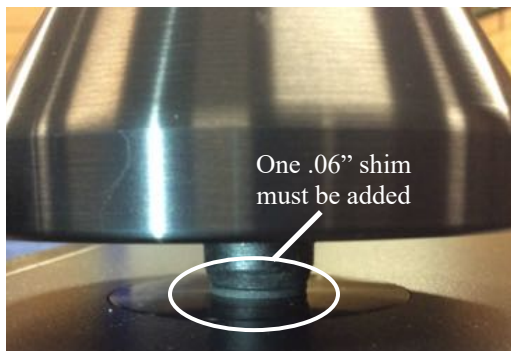
Step 3. Use the torque wrench and proper bit to remove the bolts from the Super-feet you are replacing. Set these Super-feet and bolts aside. Make sure to remove any shims that were in place at the Super-foot sites as well.

G-series feet can be removed by hand by turning them counter-clockwise.

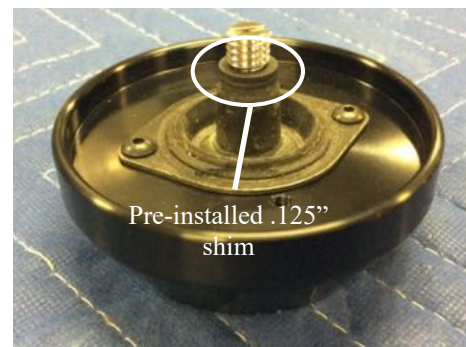
NOTE: Do not force bolts to thread in if they are sticking. This can permanently damage the threads of the isolation base. If any bolt is difficult to thread in, loosen and remove it completely, and then try installing it again. Contact your dealer or HRS if the problem persists.

Step 4. For custom load ranges, refer to the provided bill of materials to identify the proper location for each of the new Super-feet. Use the location of the HRS logo and the orientation of the product tag as references to ensure you arrange them correctly. Add any shims that are called for on the bill of materials at this point as well.

No bill of materials is provided for standard load ranges, as the Super-feet will be the same at all four locations. Standard SF-2 load ranges require you to add one .063" x .625"OD x .390"ID shim at each Super-foot location when you install the SF2 to the base frame (Picture 4). Every SF-3 model Super-foot has a .125" x .500"OD x .265"ID shim pre-installed (Picture 5). Do not add any additional shims to the stock SF-3 footer. Additional shims are only necessary for custom load ranges and should be added according to the bill of material provided with the Super-feet. G-series feet do not require shims.



Picture 4 (SF-2)



Picture 5 (SF-3)

Step 5. Once the Super-feet are all placed correctly with the necessary shims, fasten them to the isolation base. Use one $\frac{3}{8}$ "-16 x $1\frac{1}{2}$ " bolt for each BL, GN, or RD load range isolator (SF-2). The SF-3 model Super-foot (OR, YL, PK, or WT) comes with a custom $\frac{1}{4}$ "-20 x $1\frac{1}{2}$ " bolt assembly that is pre-installed in the isolator element. A thread adapter is installed at HRS so that it can be fastened directly to an isolation base. This custom assembly is bonded with permanent Loctite adhesive so that it does not come apart.

Tighten the bolts down using just your fingers at first, and then apply the final torque using a torque wrench and the proper bit. Use a $\frac{7}{32}$ " hex bit for the $\frac{3}{8}$ "-16 x $1\frac{1}{2}$ " bolts in SF-2 Super-feet, and set the torque wrench to 216 in•lb. For SF-3 Super-feet, use a $\frac{5}{32}$ " hex bit on the $\frac{1}{4}$ "-20 x $1\frac{1}{2}$ " bolts, and set the torque wrench to 60 in•lb.

G-series feet have a thread on top that mates directly to the isolation base with no additional fasteners. Thread them onto the base by hand so that the rubber gasket on top is compressed

in full surface contact with the bottom of the isolation base. When the isolation base is installed at its final location, press down on all 4 corners to see if it rocks back and forth in place. If it does, turn one foot counterclockwise to achieve even contact with all four. Three G-series feet must remain fully tightened in contact with the bottom of the isolation base at all times.

Warranty

Limited Warranty

Harmonic Resolution Systems warrants the product designated herein to be free of manufacturing defects in material and workmanship subject to the conditions herein set forth, for a period of 90 days from the date of purchase by the original purchaser. If the purchaser registers the unit with Harmonic Resolution Systems by mailing in the warranty card, together with a copy of the bill of sale, within 14 days of the date of purchase, said purchaser would be registered for an extended service contract. The extended service contract extends the 90 days to a period of 5 years from the date of purchase by the original purchaser or no later than 6 years from the date of shipment to the authorized Harmonic Resolution Systems dealer, whichever comes first. This warranty is subject to the following conditions and limitations.

1. This warranty is subject to the following conditions and limitations. The warranty is void and inapplicable if the product has been used or handled other than in accordance with the instructions in the owner's manual, abused or misused, damaged by accident or neglect or in being transported, or the defect is due to the product being repaired or tampered with or modified by anyone other than Harmonic Resolution Systems. The product must be packed and returned to Harmonic Resolution Systems by the customer at his or her sole expense. A written description of the defect and a photocopy of the original purchase receipt must accompany a returned product. This receipt must clearly list model and serial number, the date of purchase, the name and address of the purchaser and authorized dealer and the purchase price. Harmonic Resolution Systems reserves the right to modify the design of any product without obligation to purchasers of previously manufactured products and to change the prices or specifications of any product without notice or obligation to any person.
2. Warranty does not cover normal recommended care and maintenance.
3. Harmonic Resolution Systems shall not be responsible in any way for consequential or indirect damages or liabilities resulting from the use of the product covered herein or resulting from any breach of this warranty or any implied warranty relating to said product.
4. Harmonic Resolution Systems shall not be responsible in any way for damage to finishes resulting from normal use and exposure to sunlight and the environment even within the normal and extended warranty period.

During the warranty period, Harmonic Resolution Systems will repair or replace any defective components free of charge. A Return Authorization Number (RA Number) obtained directly from Harmonic Resolution Systems is required before any product is returned to Harmonic Resolution Systems for any reason. This number must be visible on the exterior of the shipping container(s) for Harmonic Resolution Systems to accept the return.

Units shipped to Harmonic Resolution Systems without a visible RA Number on the exterior of the shipping container(s) are subject to be returned to the sender, freight collect.

Units to be repaired by Harmonic Resolution Systems must be sent shipping and insurance prepaid by the original purchaser in the original packaging material. A returned product should be accompanied by a written description of the defect. Repaired units will be returned by Harmonic Resolution Systems shipping and insurance prepaid by the customer.

All other warranties or conditions either written or implied are void.

(MADE IN USA)

All Harmonic Resolution Systems Inc. products are 100% Made In The United States of America by skilled craftsmen using only the finest materials and our personal dedication to the highest workmanship standards.

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