

### Instructions for Retrofitting Standard Micro/Level® Isolators with SRM, SRL, and SRK Resilient Cushion Kits



Vibro/Dynamics' Technologically Advanced Machinery Mounting Systems are an investment in productivity and efficiency. To realize the full potential of your investment, familiarize yourself with these instructions and use them as a reference while retrofitting your Micro/Level Isolators with the SR Resilient Cushion kits.

After retrofitting your Isolators with the SR Resilient Cushion Kits, follow the, *"Leveling and Installation Instructions for Micro/Level Isolators"* (Technical Bulletin M/L- 674) to reinstall your Micro/Level Isolators.

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# TECHNICAL BULLETIN: M/L-684

## Introduction

**Micro/Level® Isolators** contain five basic components: the Resilient Cushion (elastomer), Bearing Plate, Support Housing, Leveling Screw and Lock Nut. See Figure 1.

The threaded components (support housing and leveling screw) must be protected and kept free of dents, nicks and debris at all times or jamming of the leveling screw in the support housing may result.

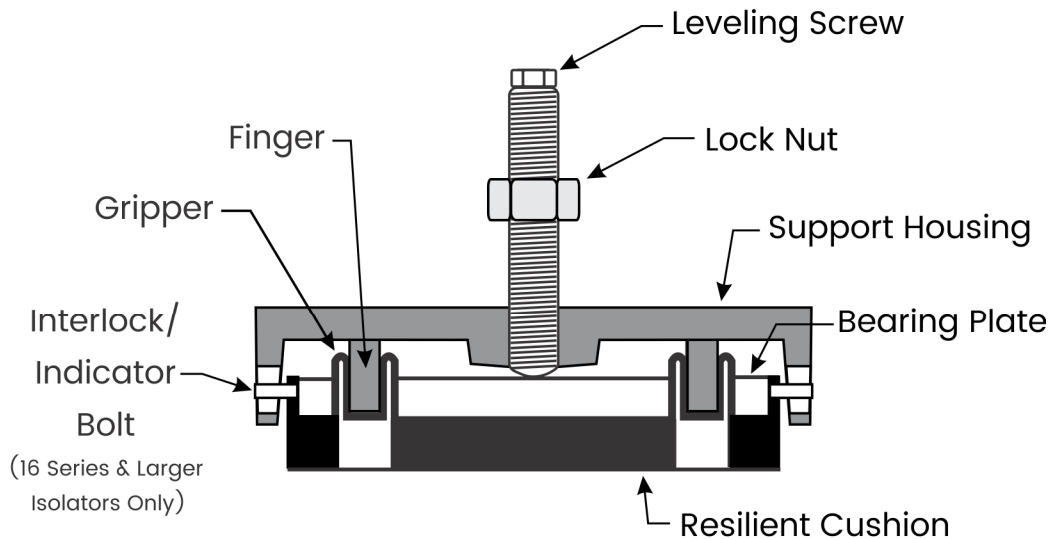


Figure 1

## Removing the Isolator from under the Machine

1. The Micro/Level Isolator will first have to be removed from under the machine. Use a lifting device (hydraulic jack, hand jack, etc.) under the machine base near the isolator to remove the load on the Isolator.
2. Loosen the Lock Nut and remove the Leveling Screw by turning it counterclockwise.
3. Lift the machine high enough to slide the Isolator out from under the machine.
4. Remove the Isolator. Lifting holes are provided in the sides of the larger isolators.
5. Place blocks under the machine foot once the isolator is removed. At this point, you may want to raise the machine the additional height necessary for the increased height of the retrofit isolators.

## Preparing the Isolator

6. Inspect the Leveling Screw to make sure that the threads are in good condition and free from any nicks, dents and debris.
7. Clean the Leveling Screw with a dry cloth. Use mineral spirits if necessary.

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8. Store the Leveling Screw in an area where it will not get damaged or contaminated.
9. Turn the Isolator over so that the Resilient Cushion is on top.
10. Clean and Inspect the Resilient Cushion. Replace if damaged.
11. Turn the isolator over onto a clean surface near the machine foot.

### Aligning the SR Resilient Member Kit

12. Unpack the new SR Resilient Cushion Kit and Isolator Nameplates.
13. Locate the SR Resilient Cushion Kit in an area near the machine foot.
14. Lift the Micro/Level Isolator and center it on the SR Resilient Cushion Kit using a ruler or scale. See Figure 2.
15. Remove the old Isolator Nameplate and replace with the new one.

### Reinstalling the Isolators

16. Slide the retrofit isolator assembly under the machine foot and center it with the machine's mounting hole. Make sure that all isolator components are still centered.  
*Note: The machine may have to be raised to compensate for the additional isolator height if additional blocks were not added per Step 5.*
17. Repeat until all SR Resilient Cushions Kits are changed.
18. Refer to "Leveling and Installation Instructions for Micro/Level Isolators" (Technical Bulletin M/L- 674) to reinstall your Micro/Level Isolators.

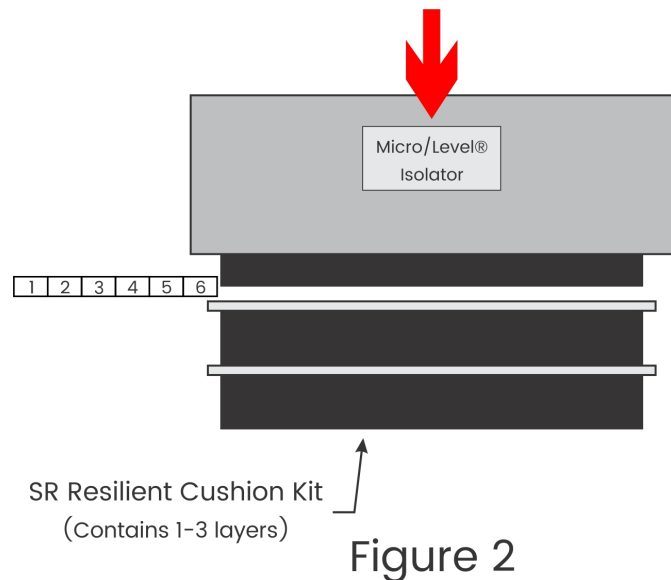


Figure 2

Please contact us if you have any questions or need further information.