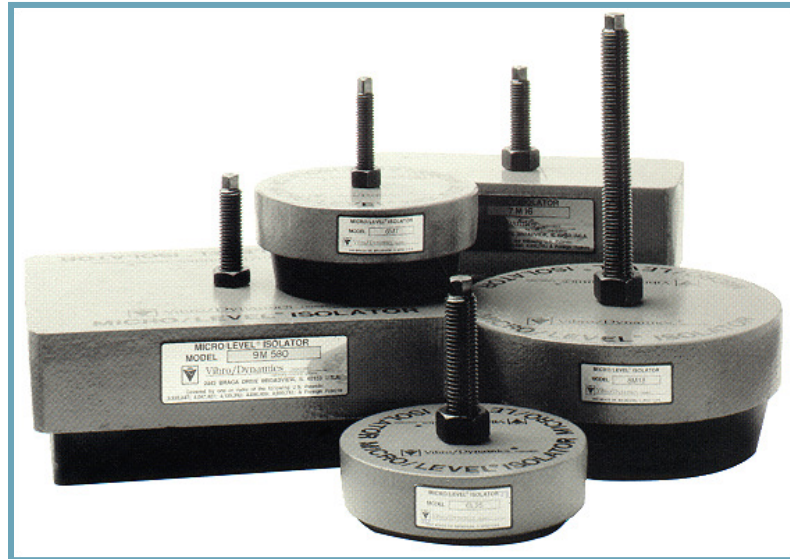


### Instructions for Changing or Replacing Resilient Cushions For 2, 6, 7, 8, 9, 10 and 12 Series Micro/Level® Isolators



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 changing the resilient cushions.

After completing the Resilient Member Changeover, follow the “*Leveling and Installation Instructions for Micro/Level Isolators*” (Technical Bulletin M/L- 674) to reinstall your Micro/Level Isolators.

Note: Vibro/Dynamics Isolators are referred to throughout this document and grouped by series according to their model number. The first sets of numbers of an isolator's model number determine its series (e.g. – 6L40 = 6 Series, 8L70 .75M6 = 8 Series, 10M1200 1.25M8 = 10 Series, etc.).

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## 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.

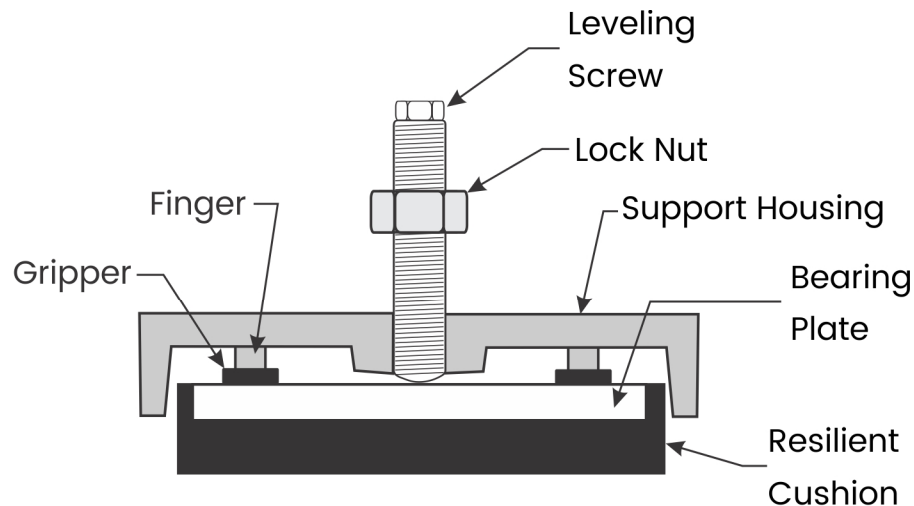


Figure 1

## TO REMOVE THE RESILIENT CUSHION

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

## To Remove the Resilient Cushion

7. After cleaning the Leveling Screw, insert it back into the Housing and turn it clockwise until it contacts the Bearing Plate.
8. Continue to turn the Leveling Screw into the Housing until the Resilient Cushion and the Bearing Plate assembly separate from the Finger. See Figure 2. Pivoting the Housing back and forth on the Leveling Screw will help separate the parts. Be careful not to rip or tear the Resilient Cushions during this process.

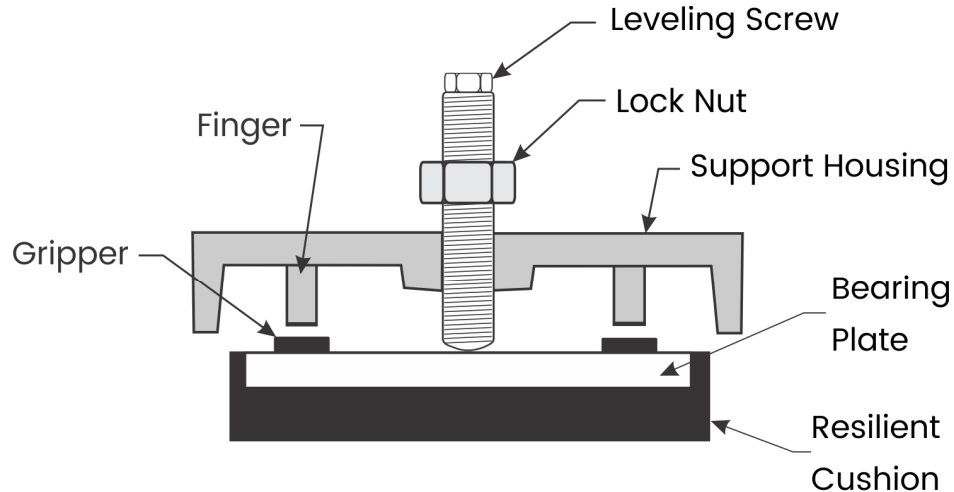


Figure 2

9. Once the Resilient Cushion and the Bearing Plate have been separated from the Housing, remove the Bearing Plate from the Resilient Cushion. This is easily done inserting a flathead screwdriver between the Resilient Cushion and the Bearing Plate and prying the two pieces apart as shown in Figure 3.

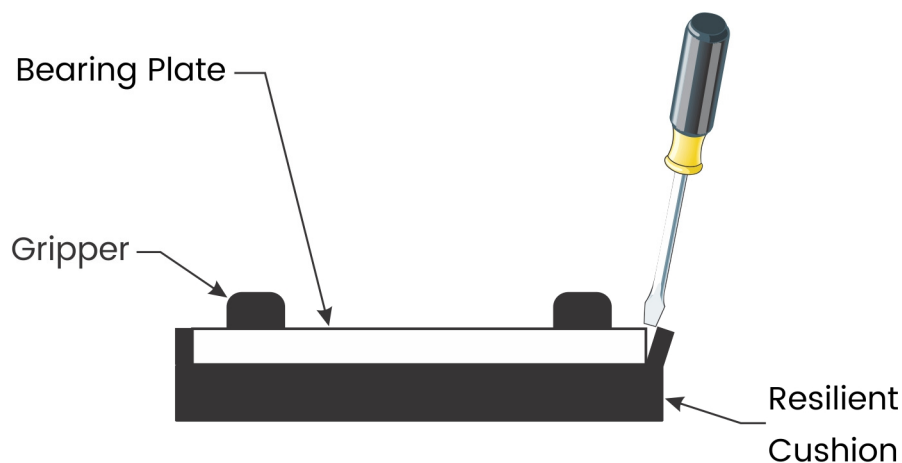


Figure 3

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10. Clean the Bearing Plate and inspect it for any signs of damage or excessive wear. Replace the Bearing Plate if damaged or distorted.
11. Remove the Leveling Screw from the Housing and place it in a location where it will not get damaged or contaminated.

### REASSEMBLING THE MICRO/LEVEL ISOLATOR

12. Unpack the new Resilient Cushion and Isolator Nameplate.
13. Place the new Resilient Cushion on the floor or workbench with the Resilient Members Grippers facing up.
14. Insert the Bearing Plate into the Resilient Cushion, making sure that the holes in the Bearing Plate and the Grippers of the Resilient Cushion are properly aligned.
15. Turn both the Bearing Plate/Resilient Cushion Assembly and the Housing upside down.
16. Align the Grippers of the Bearing Plate/Resilient Cushion Assembly with the Housing Fingers and press both parts together. See Figure 4.

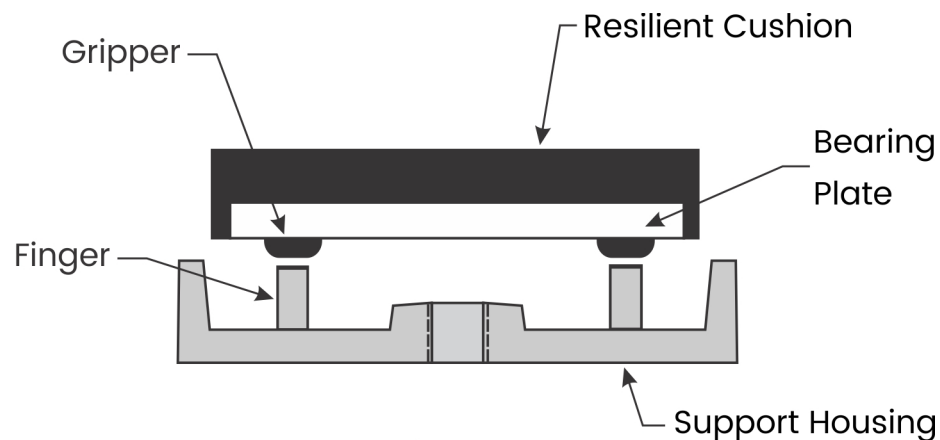


Figure 4

17. Press the bottom of each Gripper over each Finger until the void is removed.
18. Remove the old Isolator Nameplate and replace with the new one.
19. Turn Isolator over and reinstall under the machine.
20. Refer to "Leveling and Installation Instructions for Micro/Level Isolators" (Technical Bulletin M/L- 674) to reinstall your Micro/Level Isolators.

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