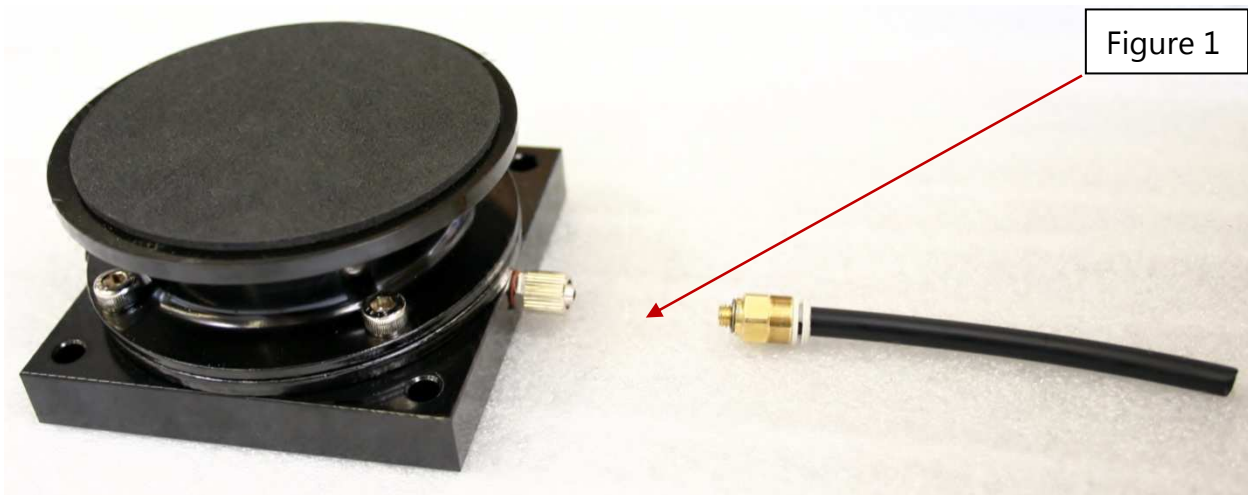


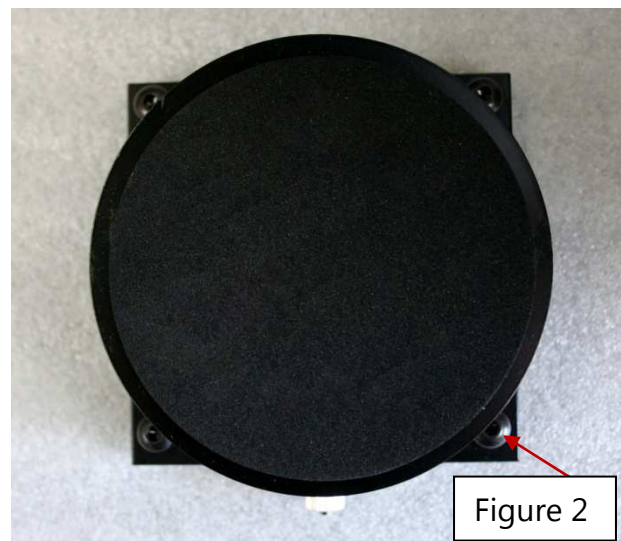
# Onyx Series Air-Isolator Replacement Instructions

## DETACHMENT

1. Set the system on a table, with one corner or edge extending off the table, so you can access the air-isolation pucks.
2. Detach the air-supply cable from the defective puck. (Figure 1)



3. Remove the four attached screws that are bolting the puck to the mounting plate. (Figure 2) The isolator will be able to detach freely after all four screws have been removed.
4. Follow procedure 1-3 for all four corners, until all the air-isolator pucks have been removed.



## INSTALLATION

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5. Place the new air-isolator in the same area where the defective isolator was removed. Use the four attachment screws to fasten into place the isolator to the mounting plate. (Figure 3)



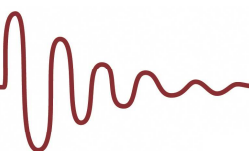
6. Attach the air-cable to the new isolator to ensure proper airflow from the air-tanks and the air-isolators. Make sure that there is a consistent and tight seal between the air-cable and the isolator.

## TESTING

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Maintaining the longevity of an air-based isolation system requires minimal, but necessary effort to ensure optimal vibration isolation. Provided below are some recommended practices when operating an Onyx System.

7. Do not over-inflate the system; this can damage the air suspension system. Inflate the system gradually to avoid over-inflation.
8. Check that system is floating once a week.
9. Deflate the table prior to moving the table or the equipment on top of it.
10. Avoid the following when using a air-based isolation system: Direct sunlight, Ozone environments, Volatile solvents, Oils, and Excessive or unbalanced loading.
11. Contact Herzan prior to drilling any holes in the system. There is a danger of puncturing the air suspension system.



## TESTING CONTINUED...

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12. When transporting to a new location after installation, contact Herzan for advice on packing. Whether it is verifying air levels being distributed to the isolators or orientating the instrument to the center of the isolation system, periodic checkups help ensure long lasting performance.
13. For troubleshooting information: <http://herzan.com/support/troubleshooting/air-based-isolation.html> or follow the QR code on your mobile device provided below:



## ANY QUESTIONS?

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Contact us today if you have any questions or would like assistance with your installation. Herzan is available Monday – Friday, from 8:00 A.M. to 6:00 P.M. (Pacific Standard Time).

**T:** (949) 363-2905

**E:** [support@herzan.com](mailto:support@herzan.com)

