

Orion® RockStable™ Anti-Vibration Pads

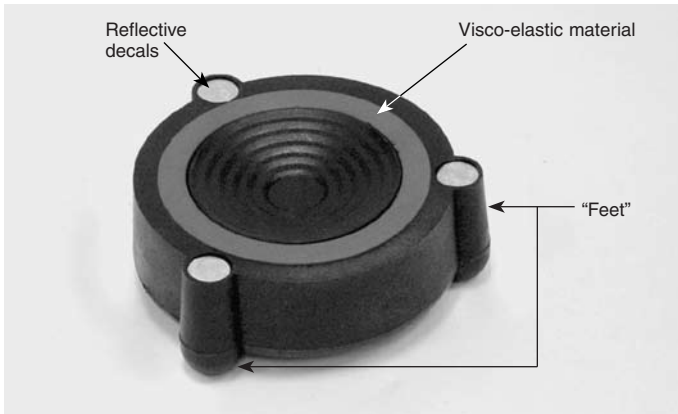


Figure 1. The RockStable anti-vibration pad

Orion RockStable tripod anti-vibration pads add stability to your telescope's mount to enhance your observing activity. Your mount can receive unwanted vibrations from such commonplace events as a gust of wind, a foot stomping too closely to the tripod leg, a hand inadvertently hitting the optical tube, even focusing! These vibrations take time to subside and can make the object you're observing "jiggle" in the scope's field of view, or totally ruin an astrophotograph.

The RockStable anti-vibration pads are vibration absorbing islands directly under your tripod's legs. The top central portion of the pad "floats" on top of a special material that is visco-elastic (meaning it acts with both liquid and solid properties). This

One-Year Limited Warranty

This Orion RockStable Anti-Vibration Pads are warranted against defects in materials or workmanship for a period of one year from the date of purchase. This warranty is for the benefit of the original retail purchaser only. During this warranty period Orion Telescopes & Binoculars will repair or replace, at Orion's option, any warranted instrument that proves to be defective, provided it is returned postage paid to: Orion Warranty Repair, 89 Hangar Way, Watsonville, CA 95076. If the product is not registered, proof of purchase (such as a copy of the original invoice) is required.

This warranty does not apply if, in Orion's judgment, the instrument has been abused, mishandled, or modified, nor does it apply to normal wear and tear. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state. For further warranty service information, contact: Customer Service Department, Orion Telescopes & Binoculars, 89 Hangar Way, Watsonville, CA 95076; (800) 676-1343.

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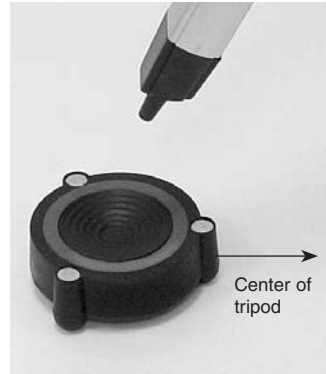


Figure 2a. Place the pad under the tripod leg with one "foot" facing the center of the tripod.



Figure 2b. Make certain the tripod leg rests in the exact center of the pad.

material absorbs shocks and impacts extremely well. When anything disturbs your telescope, the vibration is transferred into the visco-elastic material and is converted into a small amount of heat, instead of reflecting off the ground and back up the tripod leg. If a disturbance occurs on the ground near the telescope, the vibrations never even reach the tripod leg. The result is a significant reduction in duration of vibrations.

Installing the RockStable Anti-Vibration Pads.

RockStable anti-vibration pads (Figure 1) can be used with any telescope tripod or camera tripod, large or small. They will work on any flat surface: gravel, grass, dirt, asphalt, wood, and concrete. RockStable anti-vibration pads will not reduce vibrations caused by poorly engineered mounts or tripod heads. If other significant vibrations persist when using these pads, there may be other mechanical problems with your mount.

1. Set up your telescope and tripod as you normally would.
2. If your tripod has rubber ends on the bottom of its legs, remove them.
3. Lift one tripod leg about 3" off the ground and place an anti-vibration pad under the leg. Make certain that one "foot" of the anti-vibration pad faces the center of the tripod. (Figure 2a)
4. Lower the tripod leg onto the center of the anti-vibration pad. (Figure 2b).
5. Repeat this process for the other two tripod legs.

Using the Round Reflective Decals

Your RockStable anti-vibration pads come with a sheet of small, round reflective decals. These decals should be applied to the pads before the pads are used for observing. See Figure 1 for placement. These reflective decals will increase the visibility of the tripod legs under dark skies, making it easier to avoid inadvertently bumping into them. The decals will also help you easily locate and retrieve the pads when your observing session is finished.

Cleaning the RockStable Anti-Vibration Pads

You can clean all parts of the RockStable anti-vibration pads with a mild dish detergent. The visco-elastic material can also be cleaned using isopropyl alcohol, if needed.

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