

INSTRUCTION MANUAL

Orion® Starshoot™ AllSky Camera Replacement Acrylic Dome

#5857



Figure 1. The dome.

Required tools (not supplied)

- Tamper proof Allen key (supplied with Starshoot AllSky Camera)
- Small Philips head screwdriver

1. Installation of Dome to AllSky Camera

In order to install a new dome to the Orion Starshoot AllSky Camera (SASC) the dome lid will first need to be removed. Use the tamper proof Allen key that came with your SASC to unscrew each of the 4 tamper proof screws located on the top lid of the SASC.

Be careful not to hit the acrylic dome with the Allen key, screws or other hard objects.

Also be careful not to lose the non standard tamper proof Allen key that came supplied with your SASC. (Replacement Allen keys sold separately by Orion)



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Carefully lift the top lid directly upwards to remove it from the bottom base.

Be careful not to touch the lens to avoid having to clean it. Place the lid in a safe location.
(Cleaning supplies sold separately by Orion)

Next remove the Black Collar ring from the inside of the lid. The Black Collar Ring is held in place by 4 small tabs of the metal inner ring that holds the Black Collar Ring in place.

Next unscrew the 4 small screws located on the inside of the AllSky dome lid with a small Phillips head screwdriver in order to remove the metal inner ring clamp and free the dome from the lid.

The old dome can now be removed. Attached to the old dome is a thin rubber gasket ring. Remove the gasket ring from the old dome and place onto the replacement dome until the gasket is seated at the bottom flange of the dome.

Seat the replacement dome back into dome lid paying attention to where the gasket is located.

For the housing to remain waterproof it is critical that the gasket is seated correctly at the base of the flange on the dome.

Fasten the metal inner ring clamp back onto the inside of the top lid using the 4 screws previously unscrewed.

Insert the black collar ring back into the bottom of the dome lid using the metal tabs of the inner ring to hold the Black Collar ring in place.

You may wish to refocus your lens now that the dome is open.

The dome lid can now be reattached to the base. To re attach the dome lid carefully line up the groove on the inside of the top lid with the notch on the inside of the bottom base and gently allow the top lid to drop into place. The top lid should now be seated evenly and all 4 screws lined up ready for installation.

Using the tamper proof Allen key, gently tighten each screw until a small amount of resistance is felt, then move onto the next screw. Repeat for all screws. Next tighten each screw more firmly and evenly across all 4 screws to help ensure a weatherproof seal.

Your Orion Starshoot AllSky Camera is now ready for use. Please follow instructions found within the AllSky manual for operating instructions.

Specifications

- Acrylic Dome

One-Year Limited Warranty

This Orion StarShoot AllSky Camera Replacement Acrylic Dome is 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.