

A220/A221 Mounting Hardware Update

The A220/A221 antennas use an internal membrane vent to prevent humidity or condensation from building up inside the enclosure over time. The vent is located on the inside of the radio bay cover plate.

This document provides information on how to install new mounting hardware for the A220/A221 antenna to reduce the possibility of humidity or condensation build-up within the enclosure.

This document is a supplement to the following:

- Hemisphere GPS A220 User Guide (Part No. 875-0235-000)
- Hemisphere GPS A221 User Guide (875-0236-000)
- Outback A220 User Guide (Part No. 875-0243-000)
- Outback A221 User Guide (875-0245-000)

All documentation mentioned in this document is available for download:

- For Hemisphere GPS documentation, go to www.hemispheregps.com and navigate to Support > Precision > Technical Documentation
- For Outback documentation go to www.outbackguidance.com and navigate to Support > Precision > Technical Documentation

To improve membrane vent performance, install the mounting hardware shown below that pertains to your unit (A220 or A221).

Mounting Hardware

Use only the hardware provided for your unit (A220 or A221).

- A220 Mag Mount – Four washers and four screws provide an air gap between the radio bay plate and magnet surface
- A221 5/8" Stem Mount - An alternate stem with a center hole provides an improved air path to the membrane vent



Installing the Mounting Hardware

A220 Mag Mount

1. Remove the mag mount faceplate from the base of the A220 and lay out the new hardware (four screws and four washers).



2. Place the four washers over the four mounting holes.



3. Place the faceplate (lip pointing away from unit) on the washers so the holes line up and then secure the faceplate with the provided screws.

Note: Do not overtighten the screws.



A221 Stem Mount

- Replace the existing stem mount with the provided alternate stem mount.

Note: Do not overtighten the alternate stem mount.

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