



Fresh Aero Bug Blockers Fuel Vent Screens for Grumman AA-1 & AA-5 Series Aircraft

Thank you for purchasing the Fresh Aero Bug Blockers fuel vent screens for Grumman AA-1 and AA-5 Series aircraft.

We all know that the fuel vents on our Grumman aircraft can be very attractive to mud daubers, hornets, wasps and other insects looking for a place to call home. We also know that these critters can plug the fuel vents on our Grummans overnight and lead to engine fuel starvation and deformed fuel tanks. This can easily ruin your whole day.

The Fresh Aero Bug Blockers will prevent these troublemakers from sealing your fuel vents and maybe even your fate.

Installing The Bug Blockers

1. Confirm that your fuel vents are clear. One option is to use a length of safety wire or a pipe cleaner with a small hook on one end. Push the hook into the vent about 3 inches and twist wire while pulling it out of the vent. Repeat this procedure several times to confirm that the vents are clean.
2. Use a "Q-tip" to clean the end of the vent tubes with a non-oil based solvent. Remove any debris from end and sides of tube.
3. Slide the Bug Blockers over the end of the vent tubes.
4. The Bug Blockers should fit snugly. If they fit loosely, remove them and use a Q-tip to apply RTV adhesive/sealant to the exterior of the vent tubes, slide on the bug blockers and allow the RTV to cure for 24 hours.

WARNING: do not apply RTV the inside of the tube. If this happens, be sure to remove the RTV before proceeding.

5. Enjoy the peace of mind that the Bug Blockers provide when flying your Grumman.



WARNING

Keep in mind that using the Bug Blockers does not eliminate the need to inspect your fuel vents when performing your pre-flight inspection. The vents still need to be checked. Clean any blockage or debris from the screen opening and confirm they are clear. Also, you may need to remove the Bug Blocker and clean the screen from the back side. BugBlockers certainly makes the job easier as you just need to inspect the surface of the screen for any blockage. Be sure to inspect the screen for looseness and damage too, and replace it if necessary before flying.



Another Important Warning

A few customers have asked if the Bug Blockers are more susceptible to icing than the open fuel vent tubes on the Grummans. We have sprayed a continued mist of 50 degree water at Bug Blockers on a test stand in sub freezing temperatures with no buildup of ice. Also, in the many years we've been making and selling these fuel vent screens, we have not received any reports of icing issues.

That said, we'll continue to sell the Bug Blockers, but we need to limit their use to warm weather flying where there is not even a remote chance of icing conditions.

So, if you use Bug Blockers on your Grumman, remove them in the winter (not many bugs in the winter) or if you're planning to fly where icing may occur. Sorry for any inconvenience this may cause you but the Bug Blockers are easy to install and remove. Safety is our primary goal.

If you would prefer to return your Bug blockers to us rather than removing them when icing is possible, we understand and will certainly return your payment. Thanks again, Bob at Fresh Aero

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