

# Blue Sky Sun Visors

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**Blue Sky Sun Visors are designed to provide sun screening for both the front and side windows. All parts are corrosion free assuring long life and are non-magnetic so there is no effect on the aircraft compass. The pilot and co-pilot visors parts are identical but assembled differently making them fully interchangeable. The visors can be mounted on the windshield bow in a matter of minutes using only a Phillips screwdriver and no modifications to the airframe are required. Because of the method used to mount or remove our sun visors, we consider them to be a portable device much like a GPS yoke mount unit .**

## **Installation Instructions:**

1. Slide the canopy open to allow access to the screws that hold the canopy seal and retainer strip to the windshield bow.
2. Not counting the canopy latch screw at the top center of the windshield bow, remove the 3rd screw, washer, and lock nut on the pilot side from the windshield bow. Retain these parts for use if the aircraft will be used without the visors installed.
3. Select the visor with the clamp knob on the left side of the visor when the clamp knob is facing up. Remove the vinyl end cap from the visor support rod, loosen the clamp knob, and slide the visor off the end of the support rod.
4. While sitting in the pilot's seat, place the Blue Sky Sun Visor swivel assembly and support rod so that it is in front of the windshield bow with the mount block centered directly over the hole where the screw was removed (refer to Illustration and Photos). An awl, ball point pen, or small nail is helpful in aligning the mount block and windshield bow screw holes. To avoid pinching any wires, be sure that they are correctly positioned in the mount block cutout.
5. Insert the #6 stainless steel screw through the aluminum canopy seal retainer, rubber seal, and windshield bow in a slightly downward direction and tilt the mount block so that the brass screw insert is at the same angle as the downward pointing screw. Start the screw with your fingers for a full turn to avoid cross threading. Then tighten with a phillips #2 screw driver until no movement is felt between the mount block and the windshield bow when moving the support rod. **To avoid breaking the visor screen when the canopy is closed, be sure the rounded end of the 5/8" dia. support rod base is pointed toward the pilot.** In this position, closing the canopy on the visor screen will cause no damage.
6. The visor screen is shipped with a protective paper coating that must be removed. To remove the protective paper coat from the acrylic visor, unscrew the plastic clamp knob and remove the small black washer. Then remove the small phillips head screw. From one corner, carefully peel the protective paper from both sides of the acrylic visor screen. Re-install the small phillips head screw tightening only enough to avoid stripping the threads. Then replace the small black washer and reinstall the clamp knob. While the clamp knob is still loose, slide the visor/clamp assembly onto the support rod and re-install the vinyl end cap on the end of the support rod.
7. Repeat steps 2 through 6 for installing the Blue Sky Visor on the co-pilot side.