



The GA-500 is For Use On Experimental Aircraft Only!

Kit Contents:

GA-500 Non-Heated Pitot Tube
Pitot Tube Mounting Screw Packet (4 ea. 6-32x1/4" SS screws and lock washers)
Installation Instructions (1 page)

Additional parts needed: (to install the GA-500 Pitot tube)

Gretz Aero Pitot tube mounting bracket kit PBK-12 (paintable) or CBK-12 (chrome)

Additional parts needed from another source: (for attaching pitot tube to aluminum line)

1 each AN 815-4D Union for flared tubes
2 each AN 818-4D Nut
2 each AN 819-4D Sleeve

To fit the GA-500 non-heated pitot tube to the mounting bracket kit, it may be necessary to grind the mounting end of the pitot tube down to the exact size of the mounting bracket. This is necessary because of the slight manufacturing inconsistency of the streamline tube used to make the mounting bracket. This is very easy and quick to do with a 3M composition wheel on your grinder. Also, the brass nut inserts will need to be smoothed to the surface of the pitot if they are not flush to allow for easy insertion into the mounting bracket. Just be careful and it will come out looking great.

When installing the four 6-32x1/4" pitot tube mounting screws and lock washers that fasten the pitot tube to the mounting bracket **be very careful to not over tighten the screws as this could loosen the nut inserts in the pitot tube.** Tighten just enough to engage the lock washers. Start all four screws before tightening any one.

To plumb the tubing from the airspeed indicator to the pitot tube, the builder can use either the plastic type of instrument tube or aluminum tube. If the aluminum tube is used, note the "Additional parts needed" list at the top of this sheet. The builder will need to flair both the tube from the pitot and the tube coming from the panel. Connect these together by using the parts listed.

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