



**Airflow Performance, Inc.
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**Service Bulletin
Date 9-23-09**

PURPOSE

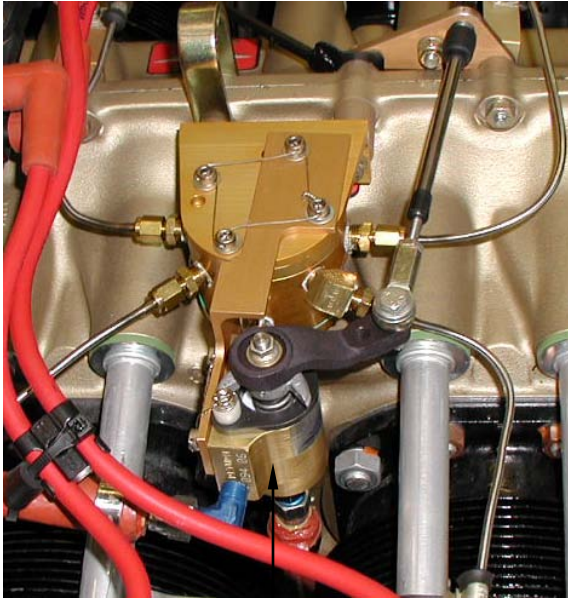
Owners/Operators of Airflow Performance Fuel Injection Systems, incorporating a Flow Divider/Purge Valve Assembly. An inspection of the pipe nipple between the flow divider and purge valve assemblies is required before further flight. If your system was purchased between 1994 and 2002 there may be a blue anodized aluminum pipe nipple (AN911-1D) in this location. There is a possibility that this fitting may crack in service. The aluminum fitting needs to be changed to a stainless steel pipe nipple. You may send in your assembly for a replacement for this part or you may call and give us the serial number of the flow divider and we will send you a stainless steel fitting to replace the aluminum fitting.

INTERPRETATION OF SERVICE BULLETIN INSTRUCTIONS

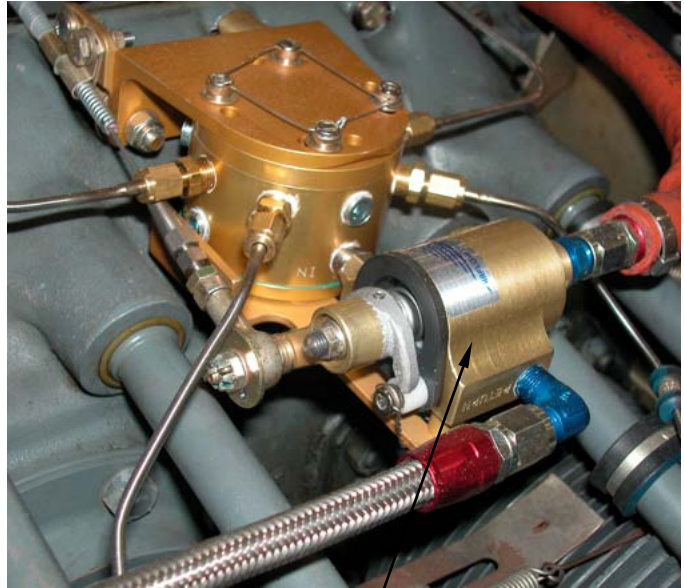
If after reading these instructions, you do not understand or do not have the capability to perform the required modifications in an airworthy fashion, please return the flow divider/purge valve assembly to Airflow Performance, Inc. for the modification.

APPLICABILITY

There are two configurations of the flow divider/purge valve assembly that are applicable to this service bulletin. These are Flow divider/purge valve assemblies that were assembled at Airflow Performance, Inc. Distribution block/purge valve assemblies (Long Eze or Cozy) used in up draft installations or customers that purchased purge valves as a separate item are not applicable.



Vertical mount flow divider/purge valve assembly



Horizontal mount flow divider/purge valve assembly



AN911-1D blue aluminum fitting to be changed.

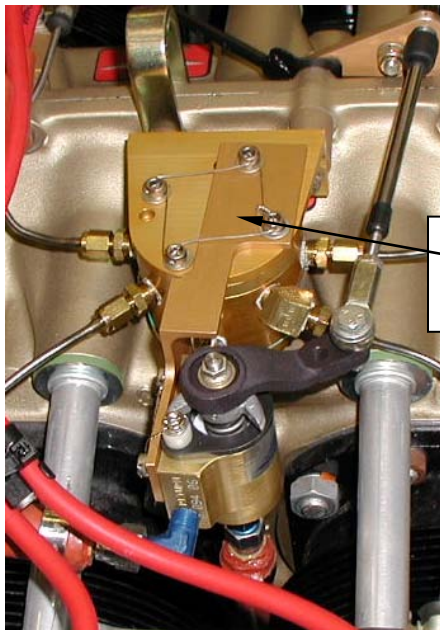


DISASSEMBLY

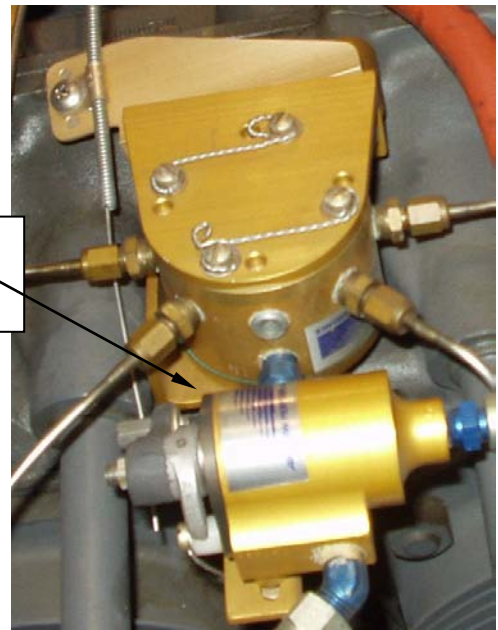
There are two different assemblies affected by this bulletin. Vertical mount and horizontal mount purge valve assemblies. In both cases removal of the purge valve bracket is required.

Remove the flow divider/purge valve from the engine. Disconnect necessary nozzle lines, hoses and cable attachments. Insure that open hoses and nozzle line fittings are capped with plastic or metal caps to keep out foreign debris. **DO NOT USE TAPE FOR THIS PURPOSE.**

For vertical mount assemblies, remove the lock wire from the four, flow divider bracket mounting screws, and the two purge valve bracket and purge valve stop screw. Remove the screws holding the flow divider bracket and purge valve bracket. Do not remove the purge valve stop screw. For horizontal mount assemblies, remove the lock wire from the flow divider cover, and the lock wire from the purge valve bracket screws. Remove the two screws holding the purge valve bracket to the flow divider cover and the two screws holding the purge valve bracket to the purge valve housing. Do not loose the spacers.



Vertical mount flow divider/purge valve assembly



Horizontal mount flow divider/purge valve assembly

With the assembly removed of the brackets, hold the flow divider in a suitable vise with soft jaws or some type of protective cover so as not to mar the anodized finish. Do not over tighten the vise. Un-screw the purge valve from the flow divider.



If the pipe nipple stays in the purge valve housing gently clamp the purge valve housing in the vise and use a box wrench or 6 point socket to remove the pipe nipple.

