



Fuel is drawn from main (wing) tank filtered and pumped via two 40109 facet pumps in series (Pri and Sec) to Header Tank Some 18 inches above.  
 Pri and Sec Walbro GSL392 in parallel draw fuel from header tank supplying filtered fuel to rail before returning to header tank.

#### Notes:

- Wing tank and header tank are fabricated from Vinyl Ester Resin
- Facet people inform me that series connection is fine.
- Main filter and Facet pumps live in the seat pan under the left seat.
- Walbro pumps live under header tank aft of firewall with filter inline to main rail under cowl.
- Pressure of main rail is monitored and upon a pressure drop, secondary Walbro pump is activated automatically and signals an alert on Glass Panels.
- A drop in header tank fuel level triggers sec facet pump and signals an alert on Glass Panels. Total failure of Facet pumps should place pilot with warning indication and 6 Gallons of Fuel available (45min reserve)
- Main wing tank has vents from each wing tip and one from riser in centre section all returning to a manifold from which two lines vent to outside under fuse.