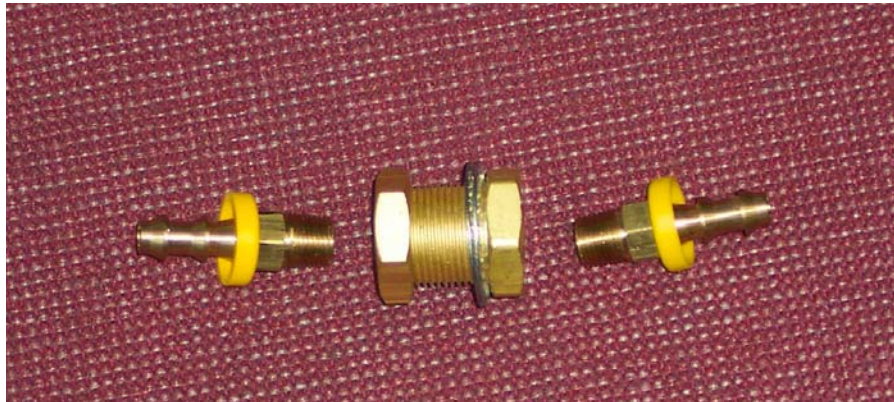


The fwf fuel supply system is designed to carry fuel through the firewall to the mechanical fuel pump mounted on the right rear of the Jabiru engine. The system also provides an “overboard” drain to handle the rare event of fuel getting through the diaphragm of the pump. Allowing this fuel to exit overboard will prevent hydraulic lock of the fuel pump.

First, identify the bulkhead fuel fitting and the two 1/8 NPT hose barbs. Assemble the two hose barbs into the bulkhead fitting. Use a fuel resistant sealant like Permatex on the threads.



Locate a good place for the fitting to be installed in the firewall. Locate it to the right of the nose leg channel in a spot where it will not interfere with the throttle cable. Drill a 3/4 inch hole in the firewall at the chosen location.

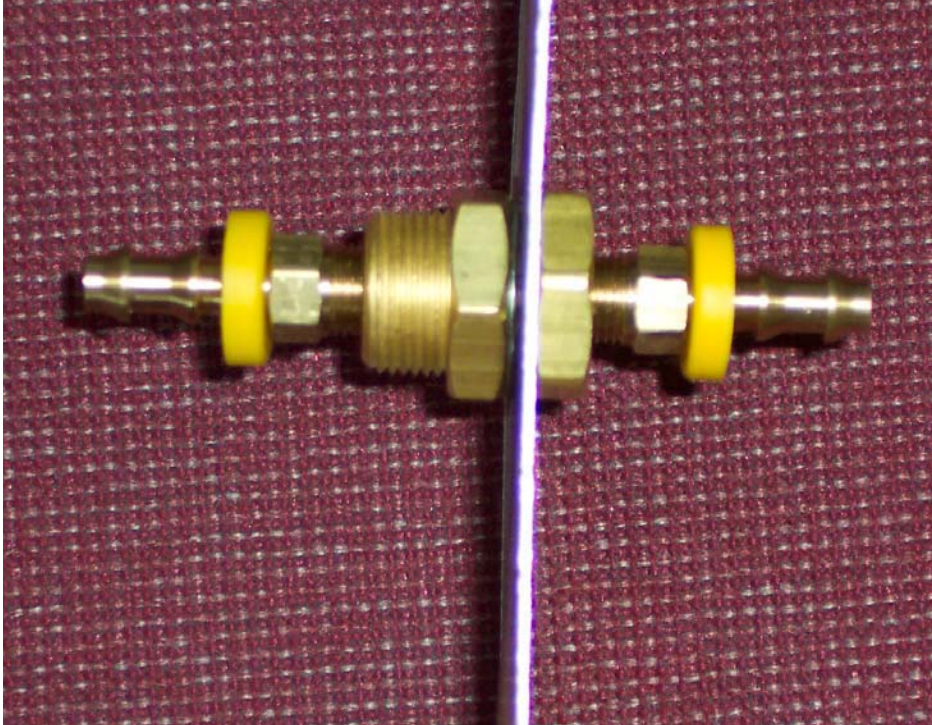


Remove the jam nut from the firewall fitting and insert

the fitting in the 3/4 inch hole. Install the jam nut on the fitting and tighten.

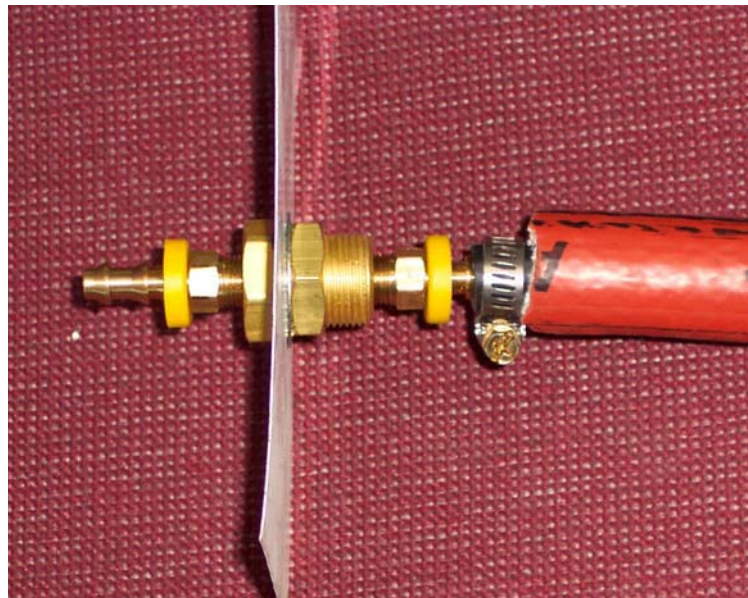




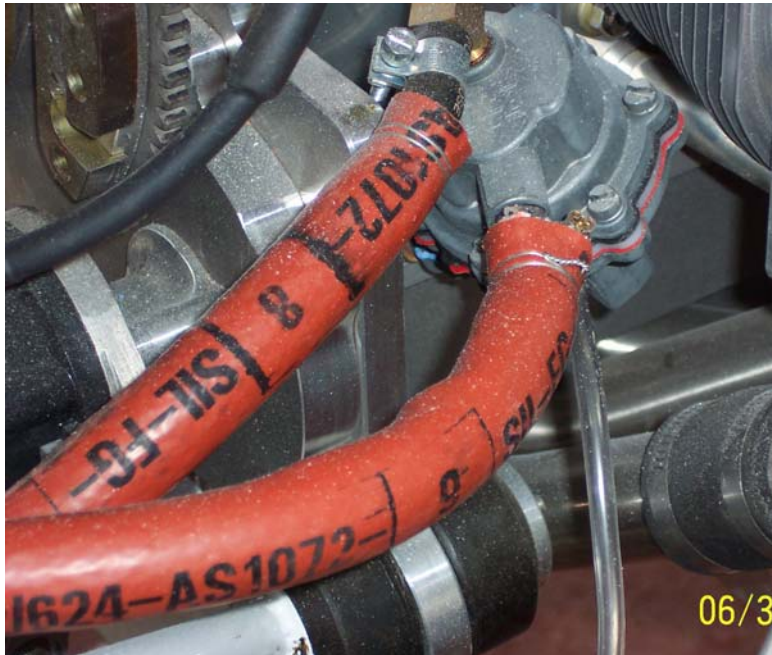


Trial fit the 1/4 inch ID neoprene fuel hose that will run from the firewall fitting to the fuel pump. Make sure to allow enough length to allow securing the hose to engine mount members or other hard points. Cut the 1/4 ID neoprene fuel hose to length.

Cut the #10 firesleeve to length one inch less than the fuel hose. Install the firesleeve over the hose.



Secure the hose to the firewall fitting with one of the 1/2 inch hose clamps. Secure the other end to the fuel pump (on the lower of the two fittings on the pump). Wrap a length of safety wire around each end of the firesleeve to secure it in place.



Attach the 3/16 clear plastic hose to the small nipple on the fuel pump and route it so that any discharge will be away from the hot exhaust system components.

