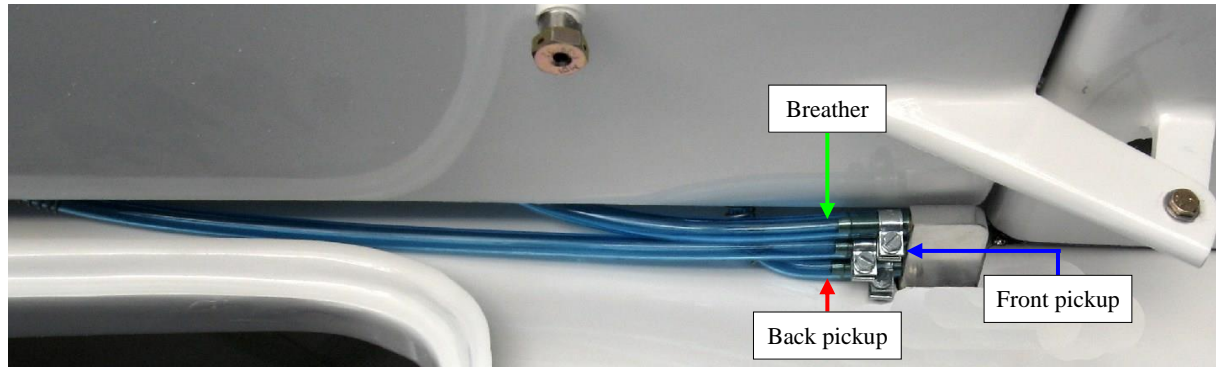


Post-Paint>Wings>Connect wing tanks

Objectives of this task:

To connect the fuel lines and earth the wing tanks to the fuel system.

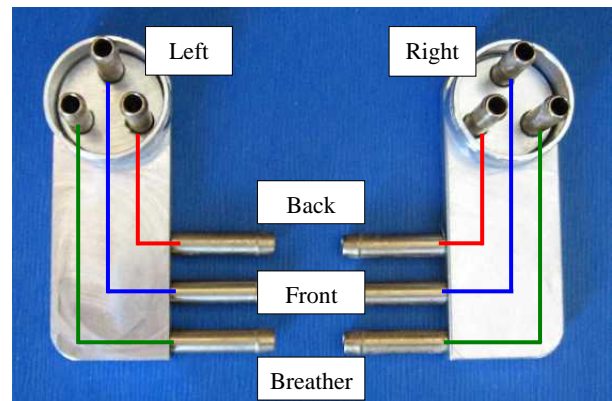
Size and connect the fuel lines



Hold the fuel lines under the connector block and cut each line to length so that they can be fitted to the connector block as shown above. There must be no kinks in any fuel line.

As you can see from the photos above and at right (taken from the [Pre-Paint>Fuselage>Interior>Fuel system](#) task) the back fuel pickup goes to the inside ferrule, the front fuel pickup goes to the middle ferrule and the breather goes to the outside ferrule.

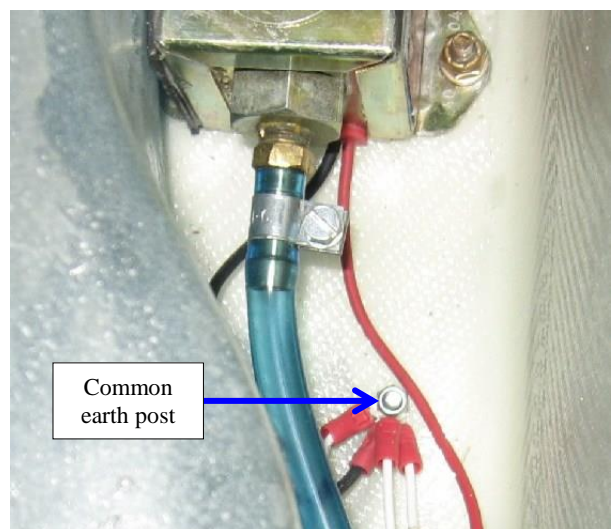
Working from the inside line to the outside, hold each fuel line in place with a hose clamp and tighten each clamp firmly.



Route the earth wires

Run a length of white aviation wire from the front of each wing, through the aileron hole in the fuselage and into the top of the fuel line sheathing from each wing tank. Run the wire all the way down into the header tank enclosure and leave enough length to connect to the common earth post in the floor of the enclosure.

Crimp a red ring terminal to the bottom of each wire and fit to the common earth post in the header tank enclosure (arrowed at right) – the same earth post that connects the earth from the fuel pump and the quick-drain fitting on the header tank. The top of each earth wire will be connected to the quick-drain fittings on each wing after the wing root fairings have been fitted in the [Post-Paint>Wings>Fit fairings](#) task.



This completes the [Post-Paint>Wings>Connect wing tanks](#) task.