

Installation of a second fuel pump in series

The "first" pump is an electronic negative ground SU and the second is a FACET. The wires to the "On-Off-On" selector switch are shown as is the fuel filter. The system is plumbed together with fuel hose and I have a separate ground wire run from the sender.

The SU is a little hard to view as it is lost in the shadows but look for it right behind the top of the blue boot on the Bilstein shock. The switch is a simple SPDT or "On-Off-On" switch that projects through the rear bulk and is reachable behind my seat. The center wire is the incoming hot lead and the two others go to the SU and the FACET.

The steel fuel line running from the tank to the SU provides a ground for the sender and cutting the fuel line to insert a filter, auxiliary pump, etc. cuts this ground. It's possible that the tank might be touching the body and/or that the hold-down straps might provide continuity from the tank to ground but a simple ground wire from the sender will ensure good ground contact.



1