

AIRCRAFT SPECIALTY



FLIGHTLINES

Aircraft Specialty, and TS Flightlines are excited to announce the RV-10 FWF EFII Hose installation Guide. We would like to thank Dr. Mark Ciaglia for his help in getting the dimensions for this package perfect. Of note is that this hose installation package will work with BOTH the standard RV10 cowling as well as the Showplanes cowling.

This kit is sold by Aircraft Specialty and TS Flightlines and includes ALL hoses of the correct lengths to duplicate this exact installation.

VERY IMPORTANT: When ordering this package, please contact Robert at EFII and delete the 4 cylinder interconnect hoses for Credit. We provide new cylinder interconnect hoses that are conductive Teflon in either standard or integral firesleeve depending on the package ordered.

This kit comes with either our standard or our premium integral firesleeve hose options. The pictures in this document show our premium integral firesleeve.

One note about the manifold pressure hose. The EFII kit allows for manifold pressure for the EFIS to be plumbed in with the ECU pickups. As such, we do not provide a manifold pressure line with this setup. Likewise, the fuel pressure transducer with the EFII system screws directly into the throttle body. So, the only sensor hose provided is the Oil pressure.

IF YOU ORDERED OUR EFII CABIN KIT PRIOR TO 7-26-2020, WE MADE A CHANGE. THE BULKHEAD FITTINGS GOING THROUGH THE FIREWALL NEED TO BE A 45 DEGREE BULKHEAD FITTING. PLEASE CONTACT US AT THE TIME OF YOUR FWF HOSE ORDER AND WE WILL INCLUDE TWO NEW BULKHEAD WITH YOUR FWF HOSE KIT.

Included with package:

1. All Hoses for Installation. This kit replaces the cylinder interconnect hoses with a much higher quality conductive Teflon hose assembly.
2. 3 Fittings required to modify the standard EFII installation on the pilot side front Cylinder. This allows this kit to accommodate both the stock and showplanes cowling.

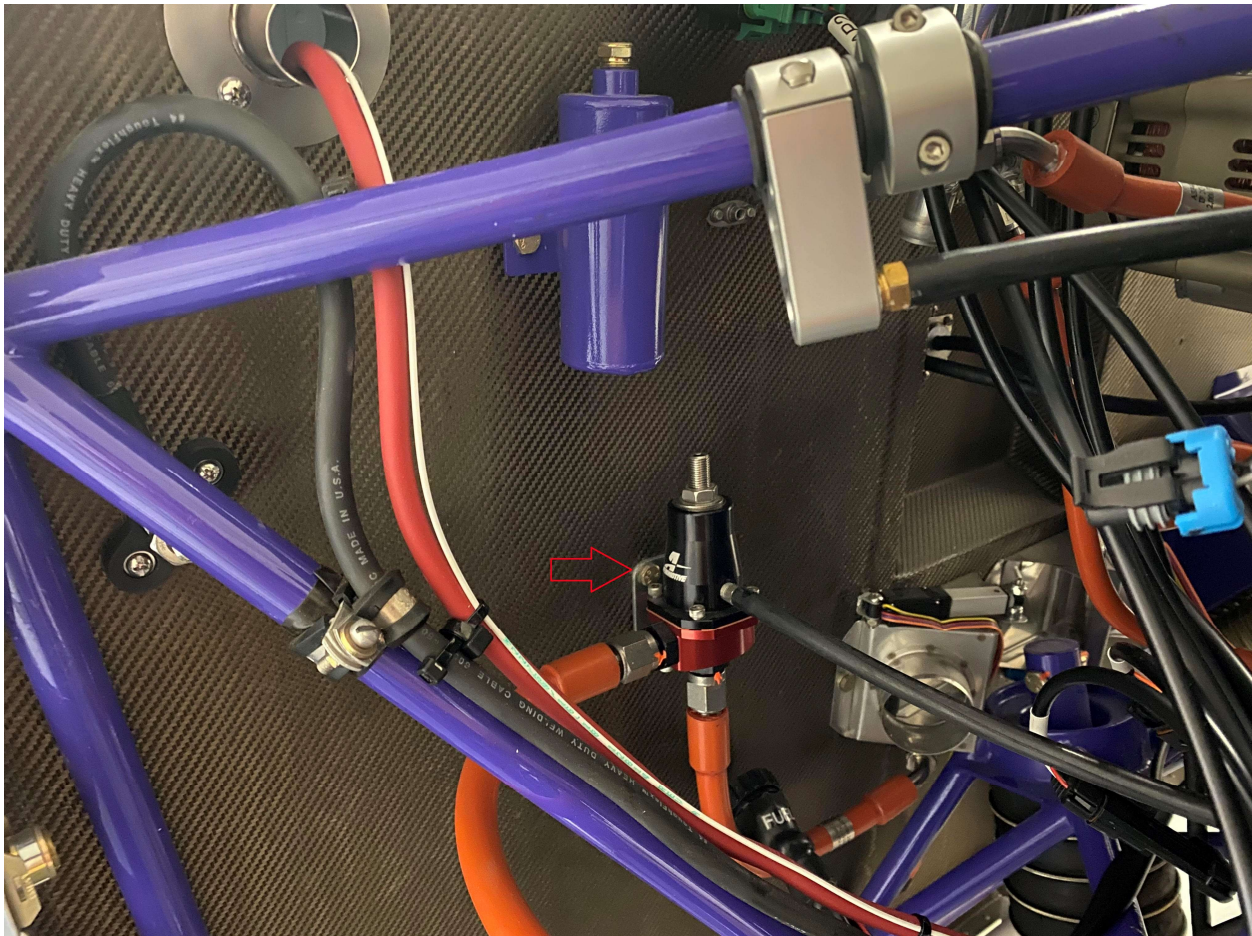
HOSE DESCRIPTIONS: All hoses are delineated by a part number that starts with 101-3, which is our designator for this hose kit. If you order your kit with our premium integral firesleeve hoses, "IF" will

follow "101-3". "R1" stands for the revision number we are on for this package. Next is "H1" H1 stands for Hose 1. "H2" is Hose 2, etc...

"ASF 101-3 IF R1 H1" = Kit 101-3, Integral Firesleeve Revision 1 Hose 1.

1. H133 – Pressure line replaces VA133
2. H135- Oil line replaces VA135
3. H190 – Oil line replaces VA190
4. H1- Post filter to Firewall (90/str)
5. H2- Post filter to Rear Pilot side cylinder 90/str
6. H3- Rear copilot cylinder to Regulator Str/Str
7. H4- Regulator to Firewall Return Line 45/str
8. H5- Front Cylinder Interconnect 45/90. 45 fitting on pilot side, and 90 on Copilot
9. H6, H7, and H8 – Copilot side interconnects and pilot side aft interconnect
10. H9 – Shortest hose – Pilot side Front two cylinder interconnect.

The installation of this kit is simple. The fuel return line location was already set by the EFII cabin fuel hose kit that we supplied. You will want to attach the hoses to the regulator, firewall and the rear copilot cylinder loosely by hand. Rotate into the orientation shown below. This will set the location of



the regulator on the firewall at the approximate location shown here. After loosely attaching these hoses, you can mark the final location to the mount the regulator on the firewall.

Following are pictures of the Fuel related portions of the installation as well as examples of how our beta tester has secured the hoses.

