



NOTE: The fuel flow meter provided will be one of two types. Figure 1 includes a depiction of both types. Determine the fuel flow meter provided with the kit and use the applicable hardware.

Step 1: Install the fluid fittings to the FLO-SCAN or FT-60 Fuel Flow Meter then install the assembly to the VA-188 FLO-SCAN Mount Bracket per the hardware callouts in Figure 1 (use a small amount of pipe thread sealant). The forward bolt used to install the FT-60 is only temporarily installed until later.

Step 2: Install the elbow fluid fitting, both plugs and the drain to the GAS-5 Gascolator per the callouts in the detail view in Figure 1 (use a small amount of pipe thread sealant). Safety wire the four screws holding the gascolator bowl to the top of the gascolator.

Step 3: Install the GAS-5 Gascolator to the F-1201C Firewall Bottom using the hardware called out in Figure 1. Install the straight nipple to pipe fluid fitting into the gascolator from the aft side of the firewall bottom (use a small amount of pipe thread sealant).

Step 4: Make the F-1259D Fuel Line Floscan - Fwall by unrolling and cutting off 8 3/4 inches of ATO-035X3/8 tube. Start at the Gas-5 Gascolator end of the tube. Insert a nut and sleeve over the end of the tube and then flare the end of the tube. Make the two bends aft of the gascolator using the template given in Figure 2. Insert a nut and sleeve over the flo-scan end of the tube and then flare the end of the tube. Attach the completed fuel line to the gascolator and the FLO-SCAN or FT-60 Fuel Flow Meter.

Step 5: Make the F-1259D Fuel Line Valve-Floscan by unrolling and cutting off 13 3/16 inches of ATO-035X3/8 tube. Start at the FUEL VALVE 4161089 end of the tube. Insert a nut and sleeve over the end of the tube and then flare the end of the tube. Add two bends to the fuel line between the FUEL VALVE 4161089 and the F-1202F Bulkhead using the template given in Figure 3. Insert the tube through the snap bushing in the bulkhead. Insert a nut and sleeve over the forward end of the tube and then flare the end of the tube. Attach the completed fuel line to the FLO-SCAN or FT-60 Fuel Flow Meter and the FUEL VALVE 4161089.

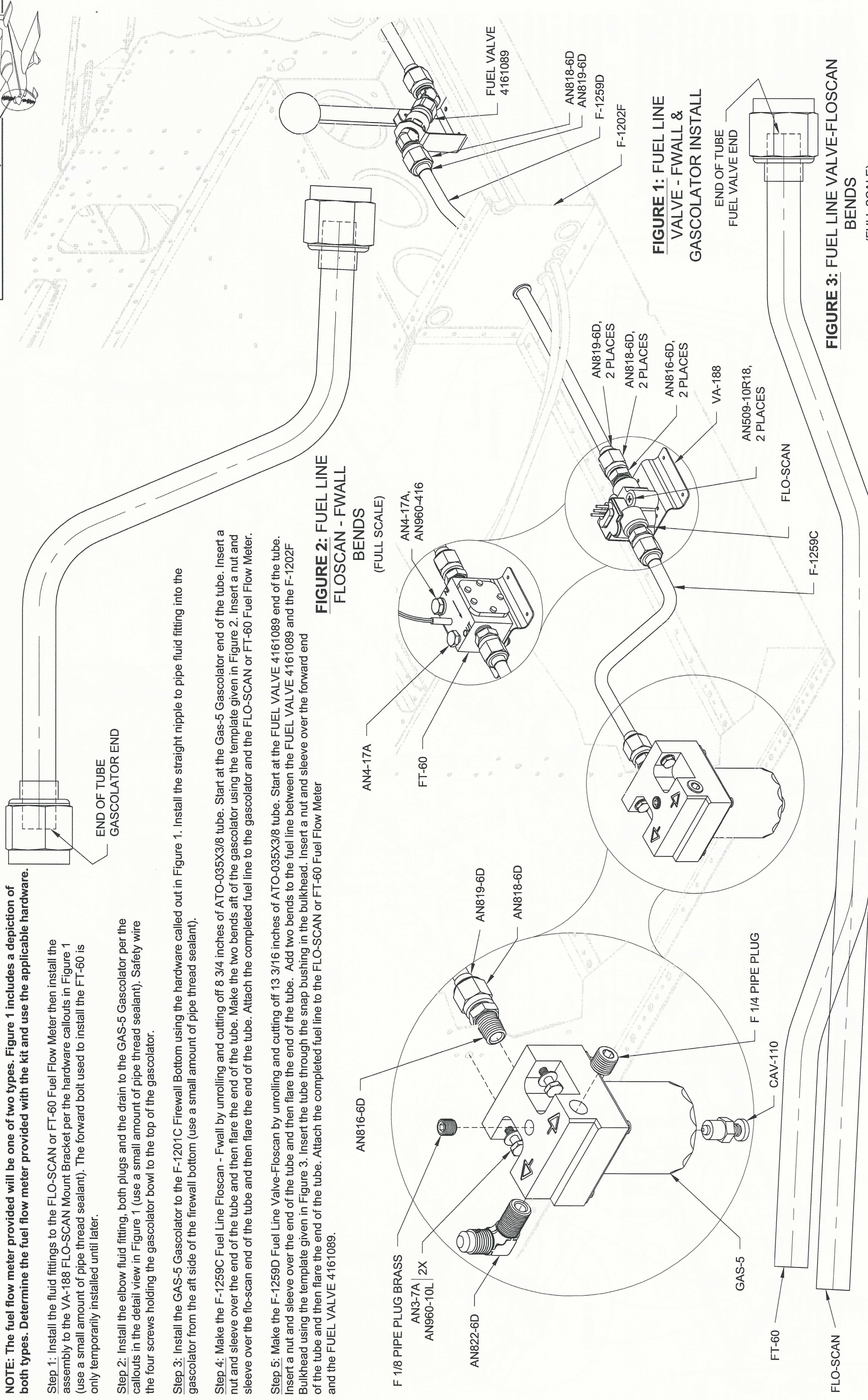


FIGURE 2: FUEL LINE FLOSCAN - FWALL BENDS (FULL SCALE)

FIGURE 1: FUEL LINE VALVE - FWALL & GASCOLATOR INSTALL

FIGURE 3: FUEL LINE VALVE-FLOSCAN BENDS (FULL SCALE)