



NOTE: When installing fuel lines it is acceptable to bend a large radius curve by hand to improve access, then restraighten after you are finished.

Step 1: Make the F-1259E Fuel Line Pump - Valve by unrolling and cutting off 40 1/2 inches of ATO-035X3/8 tube. Start at the pump end of the tube. Insert a nut and sleeve over the end of the tube and then flare the end of the tube.

Step 2: Make an S type bend in the F-1259E Fuel Line Pump - Valve as shown in Figure 3 between the pump and the F-1204D Center Section Aft Bulkhead.

Step 3: Insert the F-1259E Fuel Line Pump - Valve through the snap bushings in the F-1204A and F-1204D Center Section Bulkheads. Insert the fuel line through the right most hole in the F-1203A Bulkhead. Temporarily attach the nut to the ES 40105 Fuel Pump. Lay the tube into the right most recess in the F-1276C Systems Blocks adding a slight curve to follow the curvature of the F-1276 Bottom Skin. Add two slight bends to the fuel line where it passes through the F-1203A Bulkhead to align the front of the tube with the fitting on the fuel valve. Mark then cut the forward end of the tube as shown in Figure 2.

Step 4: Detach the nut from the ES 40105 Fuel Pump, pull the F-1259E Fuel Line Pump - Valve back enough to slip a nut and sleeve over the end of the fuel line and flare the end of the tube.

Step 5: Connect the forward end of the F-1259E Fuel Line Pump - Valve to the AN823-6D fitting coming out of the aft side of the Fuel Valve 4161089. Reconnect the aft end to the ES 40105 Fuel Pump.

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

NOTE: JOG FUEL LINE DOWN JUST FORWARD OF F-1204A TO REMOVE INTERFERENCE WITH THE WD-1213 FLAP HANDLE. SEE PAGE 32-04.

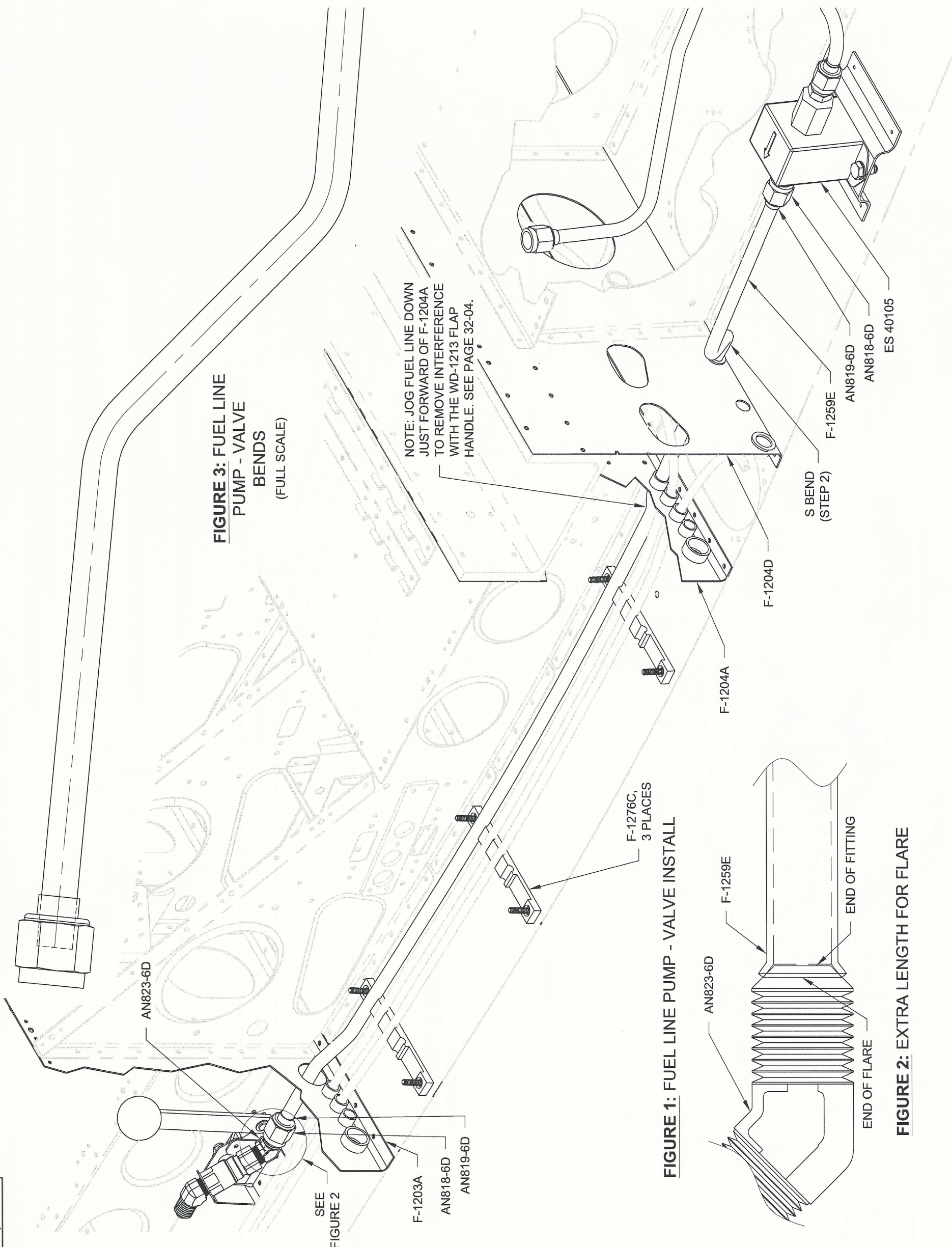


FIGURE 1: FUEL LINE PUMP - VALVE INSTALL

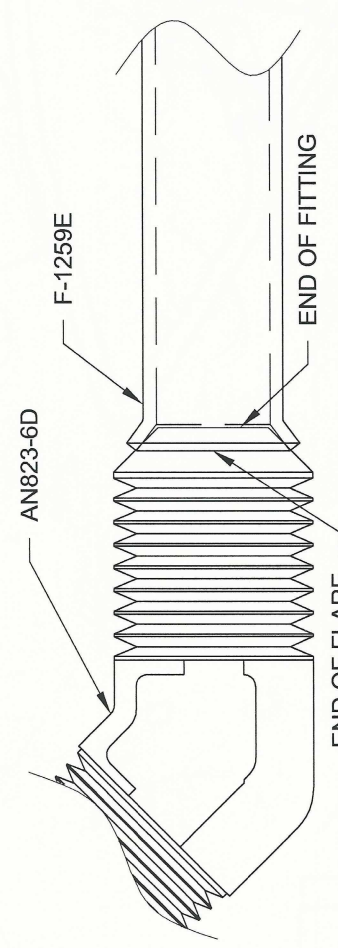


FIGURE 2: EXTRA LENGTH FOR FLARE