Step 1: Fabricate the VA-189B Hanger from 3/8" strap per the dimensions given in Figure 1.

Step 2: Drill a #12 hole in the center of the vertical flange of the VA-198B hanger. Use a 2.19 bolt to align the #12 hole. Center the nutplate as shown in Figure 1. Match-drill #80 the two nutplate attach holes using the nutplate as a drill guide.

Step 3: Remove the nutplate and deburr the holes drilled in Step 2. Dimple the nutplate attach holes.

Step 4: Rivet the nutplate to the VA-189B Hanger per the callouts in Figure 1.

**FIGURE 1: MAKING THE HANGER**

Step 5: Connect the VA-189 Fuel Line #10-500 to the throttle body and the KB-000-T Tee fitting.

Step 6: Loosen the two hose clamps around the rubber sleeve that connects the cylinder #6 induction tube to the engine. Slip the horizontal legs of the VA-198B Hanger beneath the clamps then tighten the clamps back into their original positions. See Figure 2.

Step 7: Use a cushioned clamp and the hardware shown in the detail view in Figure 2 to attach the VA-189 Fuel Line #10-500 to the VA-198B Hanger.

Step 8: Attach the VA-102 Fuel Pressure Hose to the VA-123 Restrictor Fitting and the AN837-6D elbow fitting on the bottom side of the VA-168 Sender Mount. See Figure 2.

Step 9: Attach the VA-138 Fuel Supply Hose to the KB-000 straight fitting on the engine driven fuel pump and the AN837-6D 45° elbow bulkhead fitting on the firewall bulkhead. See Figure 2.

**FIGURE 2: INSTALLING THE FUEL LINES**