A. Drag/Drop Electrical Components.

Step 1. Open your POWER TRAIN ASSEMBLY file.

Step 2. Click Electrical on the Command Manager toolbar.

Step 3. Click Start by Drag/Drop on the Electrical toolbar.

Step 4. Click the Design Library tab in the Task Pane select My Electrical Routing, Fig. 1.

Step 5. In the lower pane, click the TERMINAL-26-22 SINGLE, Fig. 1 and drag towards right terminal on Motor. Move the tip of your cursor to the edge of hole in Motor terminal, Fig. 2. When the TERMINAL-26-22 SINGLE snaps into place and the barrel is toward you, release the component.
Step 6. In the Design Library lower pane, drag RING TERMINAL-26-22, Fig. 3 towards hole in Base next to Switch. Move the tip of your cursor to the edge of the hole, Fig. 4. When the Ring Terminal snaps into place, release the component.

Step 7. Click bottom CPoint on Terminal and CPoint on Ring Terminal, Fig. 5.

Step 8. Click OK in the Auto Route Property Manager, Fig. 6.

Step 9. Click Exit 3D Sketch in top right corner of graphics area.
Step 10. Click **Top** on the Standard Views toolbar. \(\text{(Ctrl-5)}\)

Step 11. Zoom in around **route at Ring Terminal**, Fig. 8. To zoom, place the cursor over the route area and spin the wheel on mouse back.

Step 12. Grab the barrel of Ring Terminal, Fig. 9 and rotate component so the barrel just hangs off the edge of the Base, Fig. 10.

**B. Edit 3D Spline.**

Step 1. Click **Edit Route** on the Electrical toolbar.

Step 2. Grab the **top endpoint of Line at Ring Terminal in the 3D Sketch**, Fig. 11.

Step 3. **Pull in the endpoint** into the barrel of Ring Terminal to adjust the spline in towards the Base. If route is out to far it will crash into the Hull, Fig. 12.

Step 4. **Stay in the 3D Sketch** for Editing Wires.
C. Edit Wires.

Step 1. Click **Isometric** on the Standard Views toolbar. (Ctrl-7)

Step 2. Click **Edit Wires** on the Electrical toolbar.

Step 3. In the Edit Wire Property Manager set:
   under Wire From-To List, **Fig. 13**
   click **Add Wire**

Step 4. In the Electrical Library dialog box,
   under Select Wires, **Fig. 14**
   click blue
   click **Add** button
   click OK.

Step 5. Back in the Edit Wire Property Manager set:
   under Wire From-To List, **Fig. 15**
   click **Select Path** button
   click spline in 3D sketch, **Fig. 16**
Step 6. Still in the Edit Wire Property Manager set:
- click OK ✅, Fig. 17
- click OK ✅, Fig. 18.

Step 7. Click Exit 3D Sketch in top right corner of graphics area.

Step 8. Click Exit Edit Component in top right corner of graphics area.

**D. Hide 3D Sketch.**

Step 1. Click the 3D Sketch and click Hide on context toolbar, Fig. 19.

Step 2. Hide the CPoints. Use View Menu > Show/Hide > Routing Points.

Step 3. Save. Use Ctrl-S.