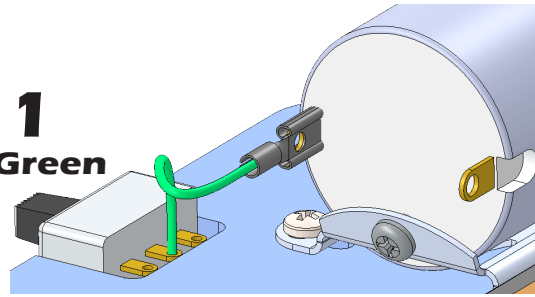


Harness 1

Switch to Motor - Green



A. Add My Electrical Routing to Design Library.

Step 1. Click the **Design Library** tab  in the Task Pane, **Fig. 1**.

Step 2. In Design Library panel click **Add File Location** , **Fig. 1**.

Step 3. In the Choose Folder dialog box, navigate to **My Documents/Tech Ed 14-15/My Electrical Routing** folder, **Fig. 2**. Click **OK**. Click **Recent Places** will make it easy to find My Electrical Routing folder.

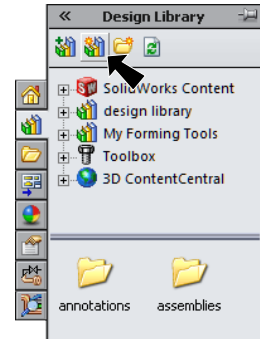


Fig. 1

B. Open Assembly.

Step 1. Open your **JSS ASSEMBLY** file.

Step 2. Rotate view to view **back of Motor and Switch**, hold down middle mouse button (wheel) and drag to rotate view, **Fig. 3**.

Step 3. Zoom in around **back of Motor, Battery Holder and Switch**, **Fig. 3**. To zoom, place the cursor over the Motor, Battery Holder and Switch area and spin the wheel on mouse back. While spinning the wheel keep cursor on the area where you want to zoom.

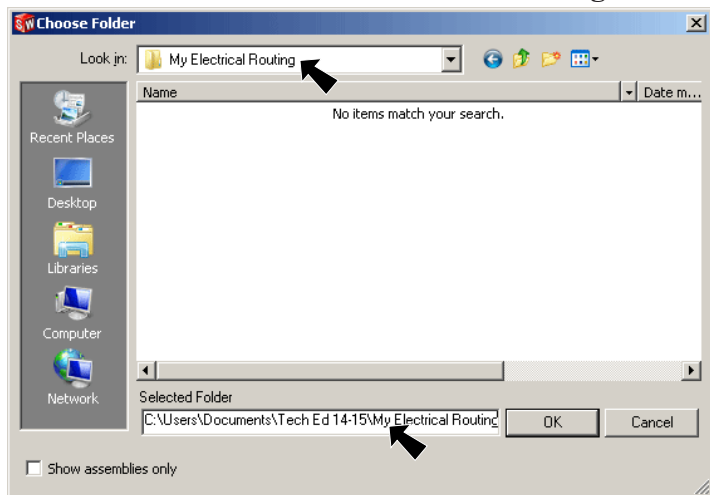


Fig. 2

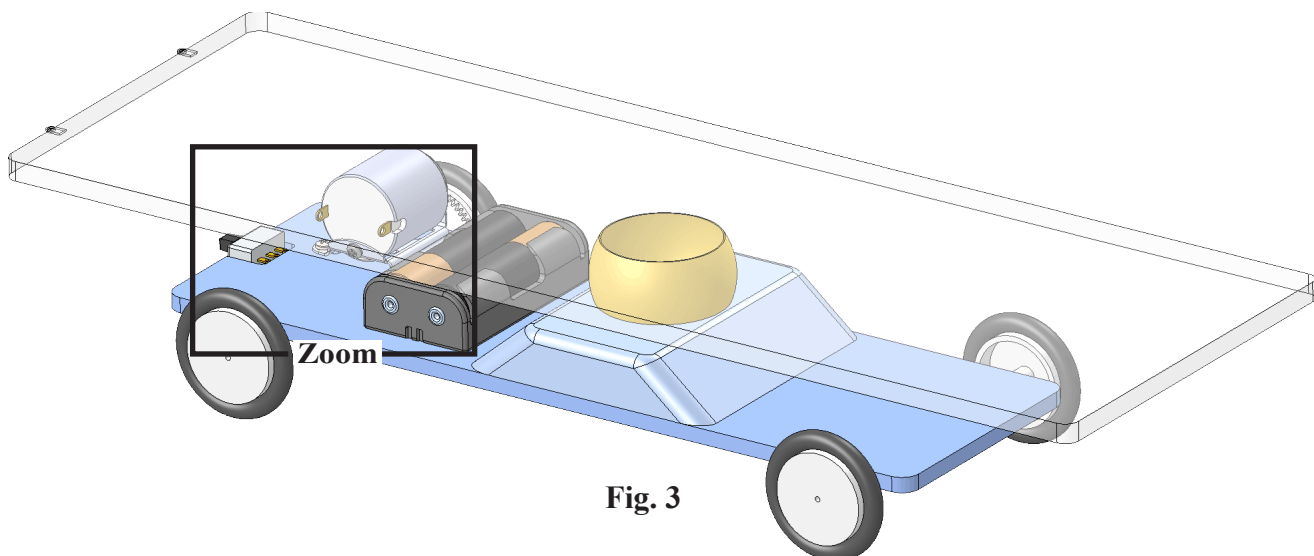
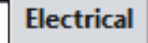



Fig. 3

C. Start Route.

Step 1. Click **Electrical**  on the Command Manager toolbar.

Step 2. If necessary, **show the CPoints**, use View Menu > Routing Points. If the CPoints don't display, Rebuild. To Rebuild, click **Rebuild**  (Ctrl-B) on the Standard toolbar.

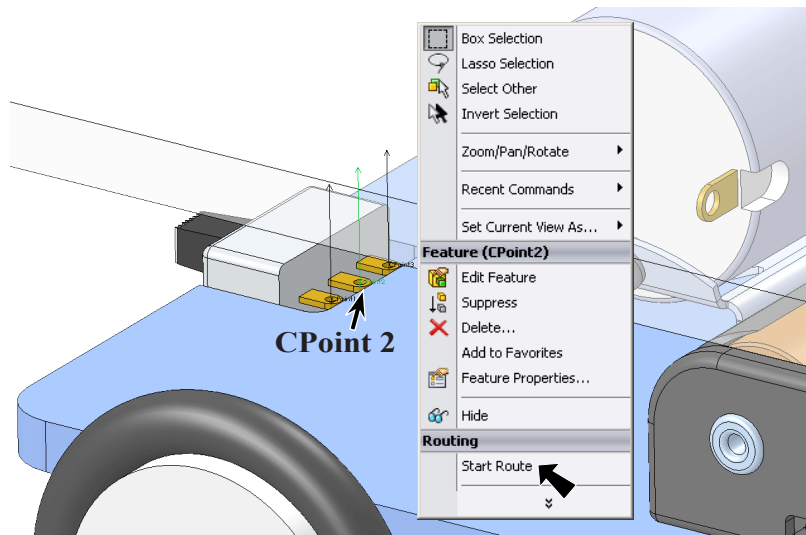



Fig. 4

Step 3. **Right click the CPoint2 center C Point on Switch** and click **Start Route** from menu, Fig. 4.

Step 4. Click OK  in the Route Properties Property Manager, Fig. 5.

Step 5. Click the **Design Library**  in the Task Pane select **My Electrical Routing** , Fig. 6.

Step 6. In the lower pane, click the **TERMINAL-26-22 SINGLE**, Fig. 6.

Step 7. Drag **TERMINAL-26-22 SINGLE** towards rear or left terminal on Motor. Move the tip of your cursor to the edge of Motor terminal, Fig. 7. When the **TERMINAL-26-22 SINGLE** snaps into place and the barrel is towards you, release the component.

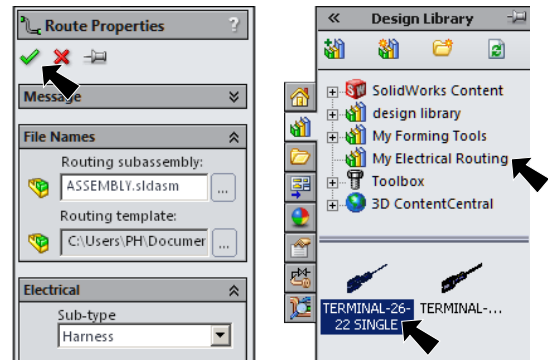


Fig. 6

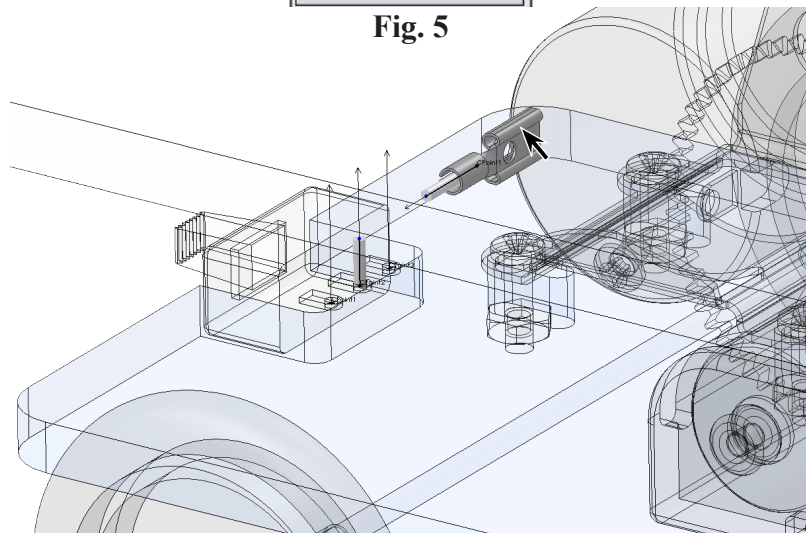


Fig. 7

Step 8. Click **CPoint1** on **Terminal-26-22 Single** and **CPoint2** on **Switch**, **Fig. 8**.

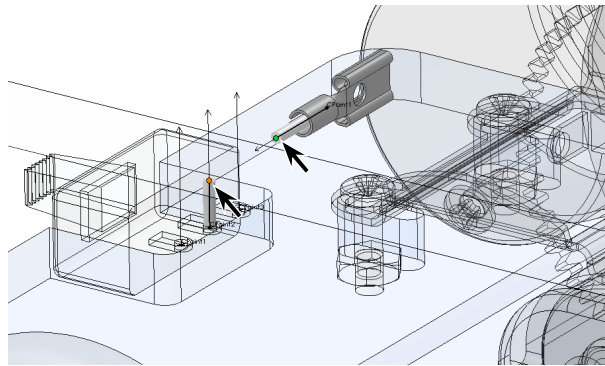



Fig. 8

Step 9. Click **OK**  in the **Auto Route Property Manager**, **Fig. 9** and **Fig. 10**.

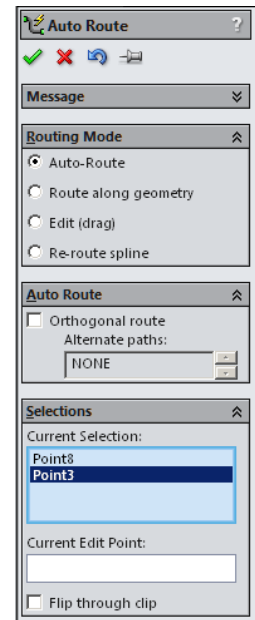


Fig. 9

Step 10. **Stay in the 3D Sketch** for Editing Wires.

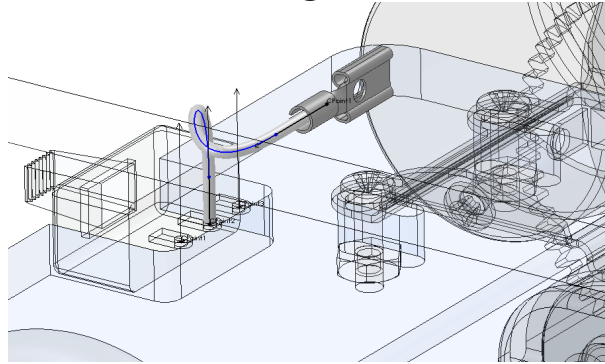


Fig. 10

D. Edit Wires.

Step 1. Click **Edit Wires**



on the **Electrical** toolbar.

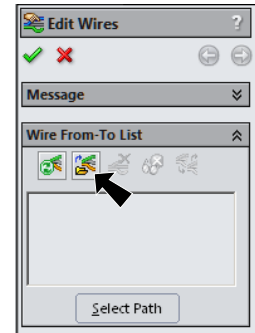


Fig. 11

Step 2. In the **Edit Wire Property Manager** set: under **Wire From-To List**, **Fig. 11**

click **Add Wire**



Step 3. In the **Electrical Library** dialog box, under **Select Wires**, **Fig. 12**

click **green**

click **Add** button

click **OK**.

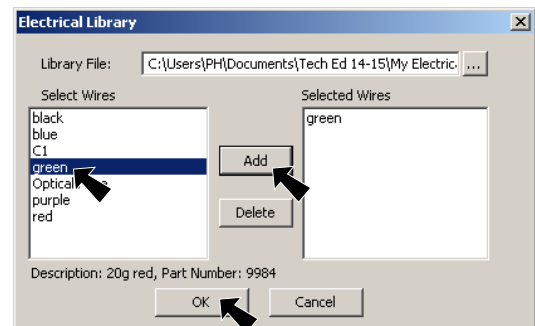


Fig. 12

Step 4. Back in the Edit Wire Property Manager set:
 under Wire From-To List, **Fig. 13**
 click **Select Path** button
 click **spline** in 3D sketch, **Fig. 14**

click OK , **Fig. 15**
 click OK , **Fig. 16**

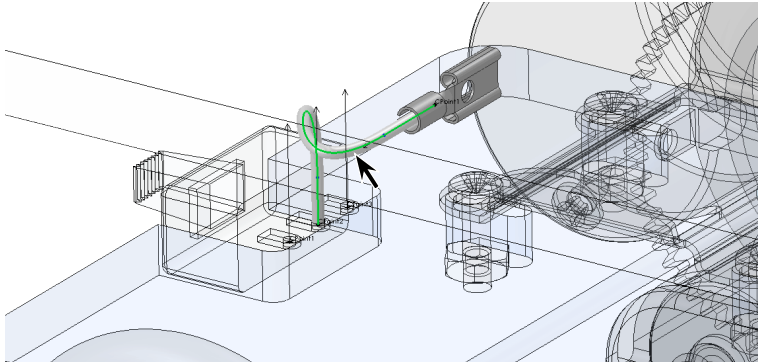


Fig. 14

Step 5. Click **Exit 3D Sketch**  in top right corner of graphics area.

Step 6. Click **Exit Edit Component**  in top right corner of graphics area.

E. Hide 3D Sketch.

Step 1. Click the **3D Sketch** and click **Hide**  on Content toolbar, **Fig. 17**.

Step 2. Save. Use **Ctrl-S**.

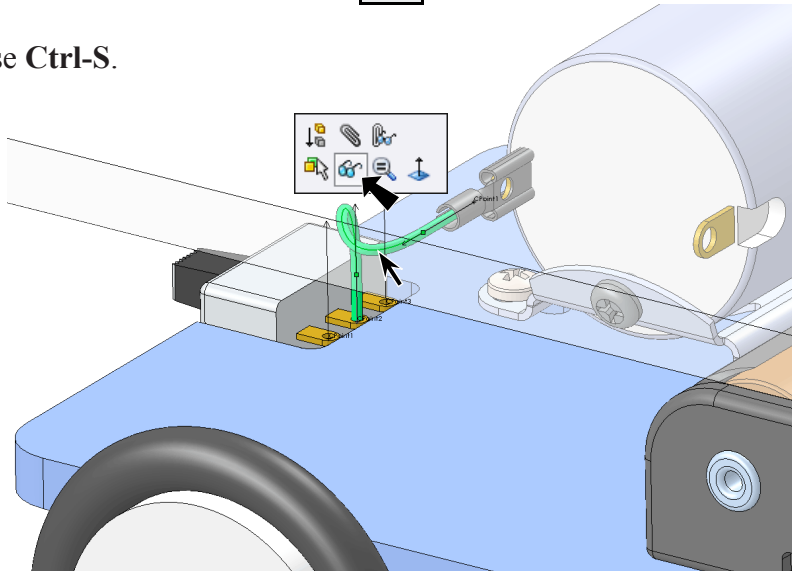


Fig. 17

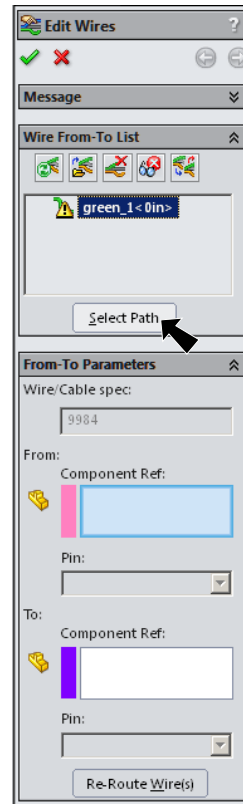


Fig. 13

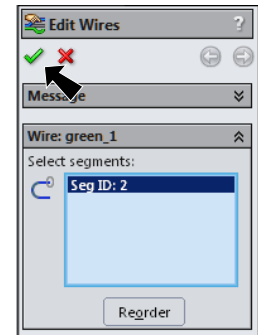


Fig. 15

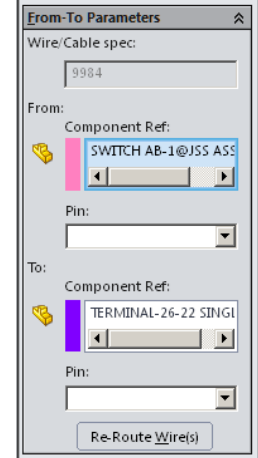
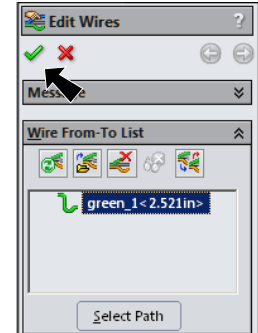


Fig. 16