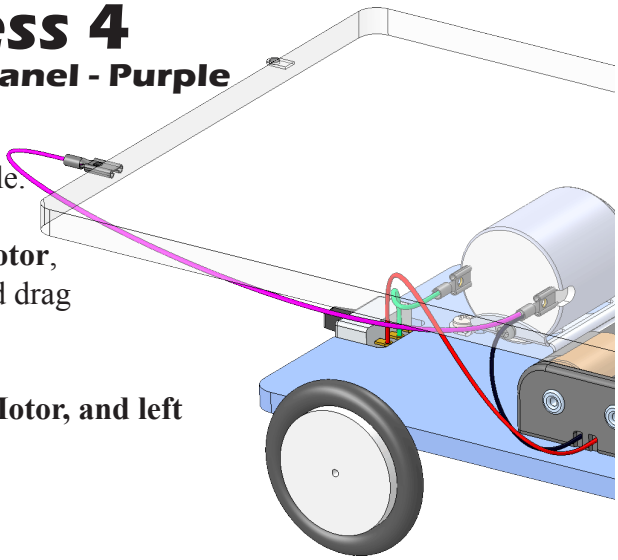
Harness 4

Motor to Solar Panel - Purple



A. Open Assembly.

Step 1. If necessary, open your **JSS ASSEMBLY** file.

Step 2. If necessary, rotate view to view **back of Motor**, hold down middle mouse button (wheel) and drag to rotate view, **Fig. 1**.

Step 3. And if necessary, zoom in around **back of Motor, and left terminal on Solar Panel**, **Fig. 1**.

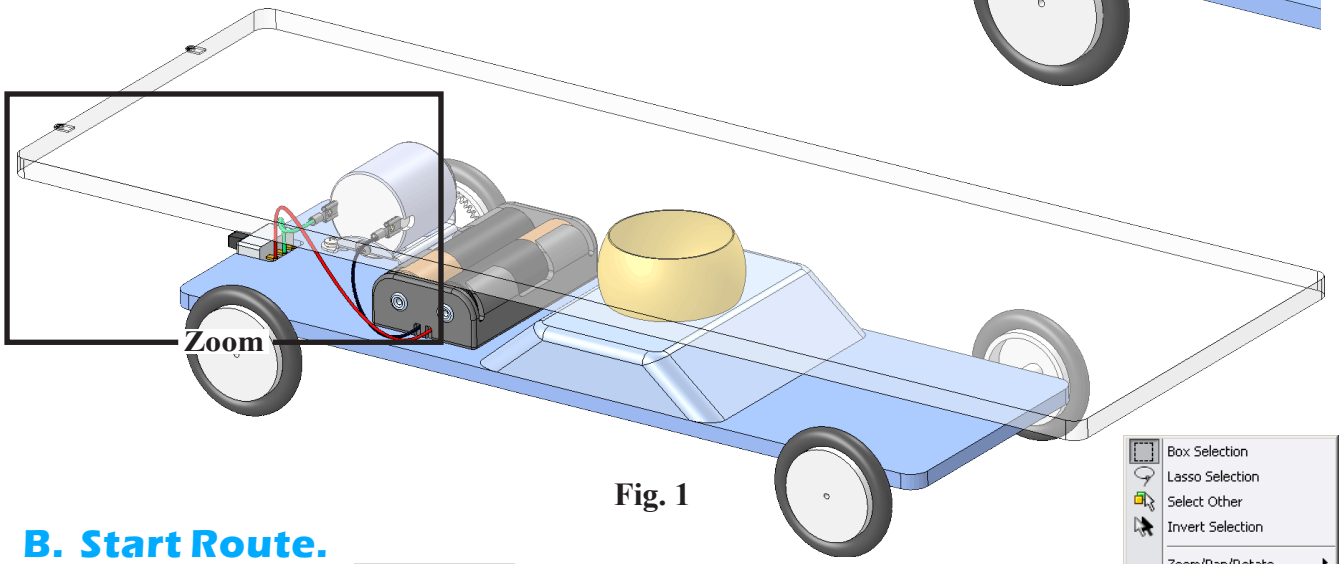
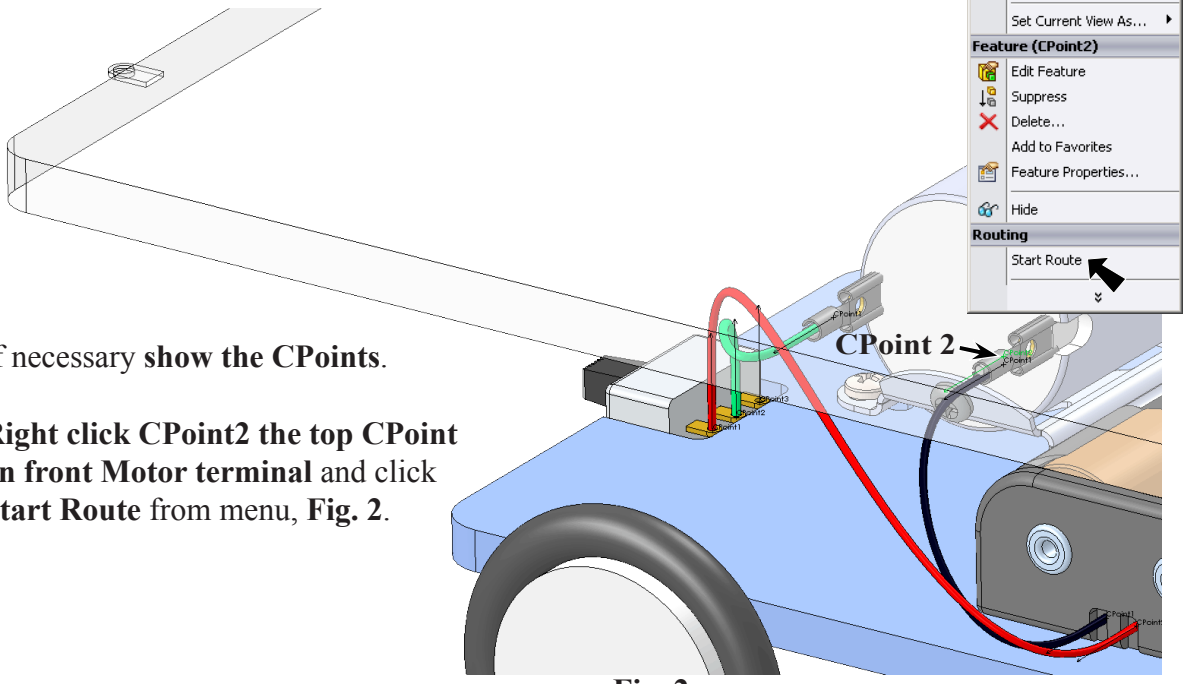


Fig. 1

B. Start Route.

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



Step 2. If necessary **show the CPoints**.

Step 3. **Right click CPoint2 the top CPoint on front Motor terminal** and click **Start Route** from menu, **Fig. 2**.

Fig. 2

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Step 4. Click OK in the Route Properties Property Manager, **Fig. 3**.

Step 5. Click the **Design Library** in the Task Pane select **My Electrical Routing**, **Fig. 4**.

Step 6. In the lower pane, click the **TERMINAL-26-22 SINGLE**, **Fig. 4**.

Step 7. Drag **TERMINAL-26-22 SINGLE** towards **left terminal on Solar Panel**. Move the tip of your cursor to the edge of terminal, **Fig. 5**. When the **TERMINAL-26-22 SINGLE** snaps into place, release the component.

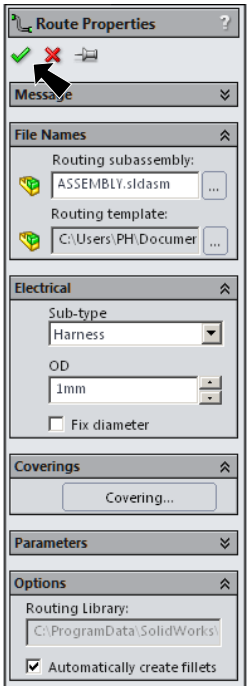

Fig. 3

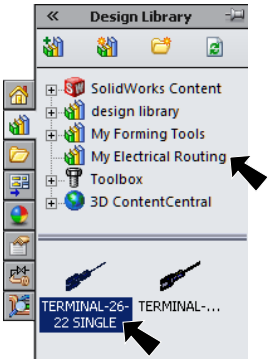

Fig. 4

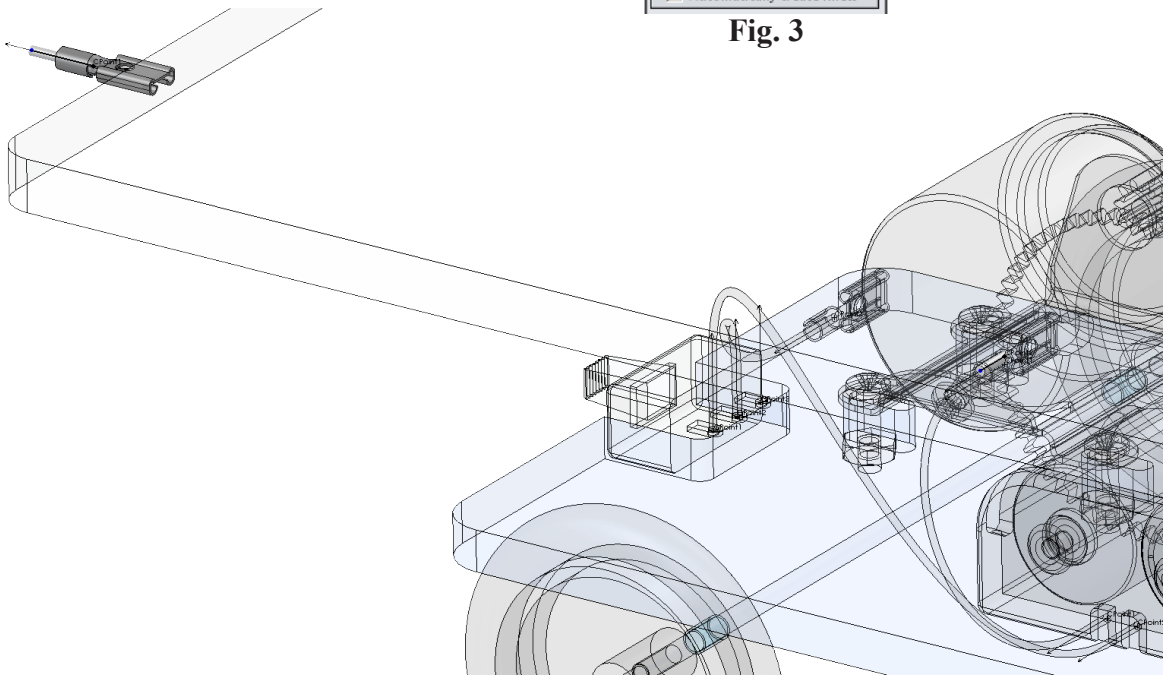

Fig. 5

Step 8. Click **CPoint1 on Terminal-26-22 Single** and **CPoint2 on Motor terminal**, **Fig. 6**.

Step 9. Click OK to spline radius curvature is too small message, **Fig. 7**.

Step 10. Click OK in the Auto Route Property Manager, **Fig. 8**.

Step 11. **Right click the spline** of route and click **Display Control Polygon** from menu, **Fig. 9**.

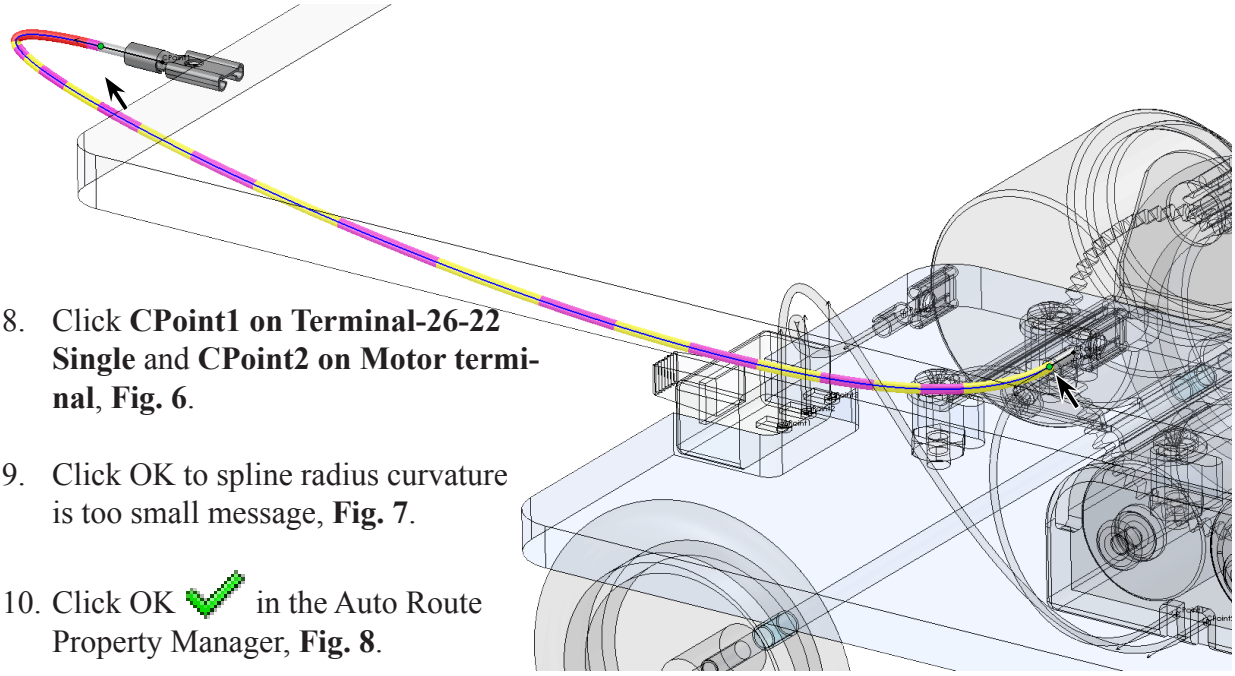

Fig. 6

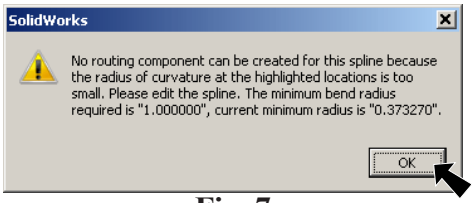

Fig. 7

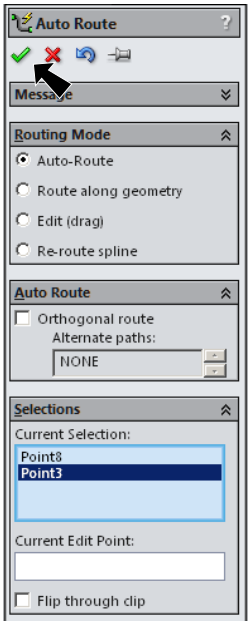

Fig. 8

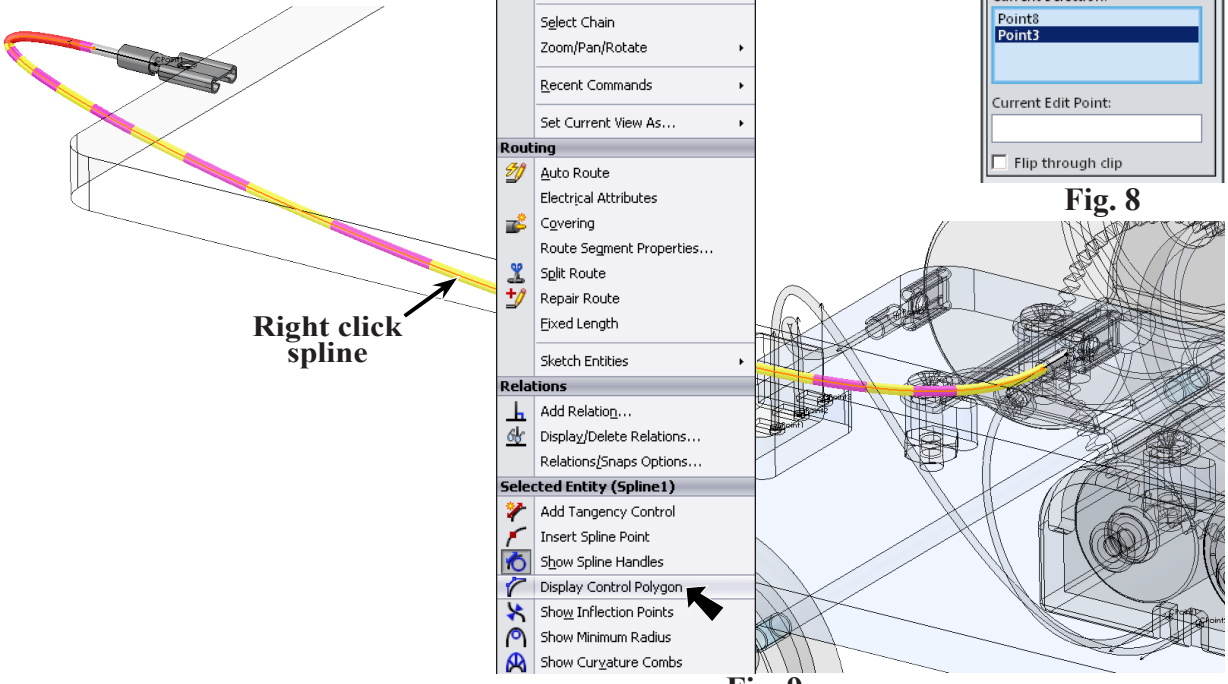

Fig. 9

Step 12. Click gray Control Point of spline to activate it and the Control Polygon handle turns yellow , **Fig. 10**.

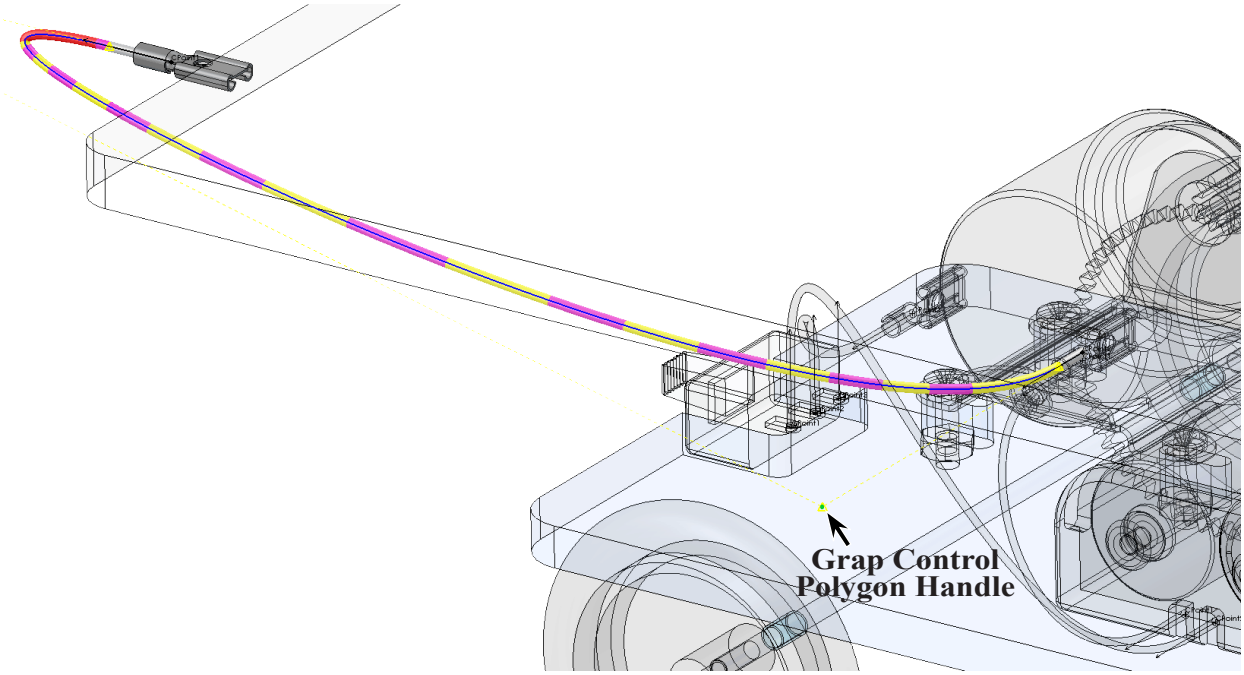

Fig. 10

Step 13. Pull the yellow Control Polygon handle out adjusting spline to increase radius curvature in spline at Terminal, **Fig. 11**.

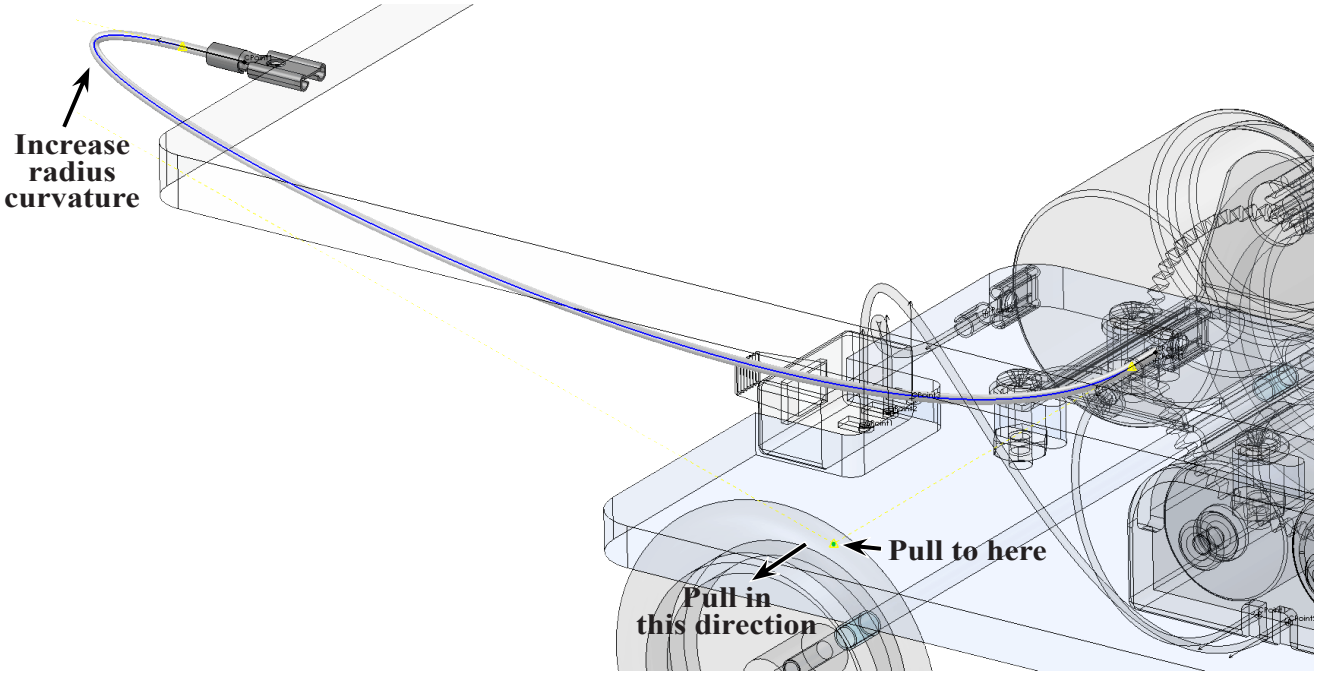

Fig. 11

C. Edit Wires.

Step 1. Click **Edit Wires**

on the Electrical toolbar.

Step 2. In the Edit Wire Property Manager set:
under Wire From-To List, **Fig. 12**
click **Add Wire**

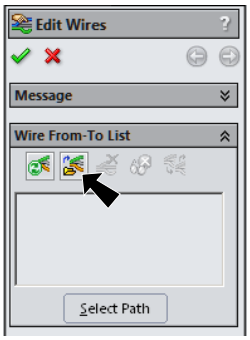

Fig. 12

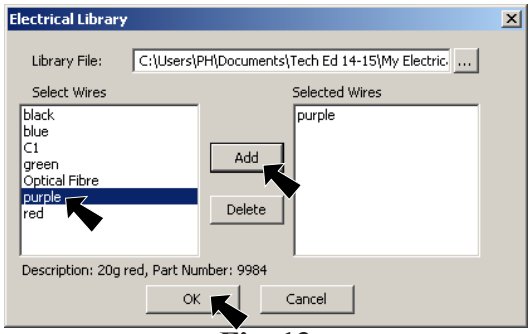

Fig. 13

Step 3. In the Electrical Library dialog box,
under Select Wires, **Fig. 13**
click **purple**
click **Add** button and click OK.

Step 4. Back in the Edit Wire Property Manager set:
under Wire From-To List, **Fig. 14**
click **Select Path** button
click **spline in 3D sketch**, **Fig. 15**
click OK , **Fig. 16**
click OK , **Fig. 17**.

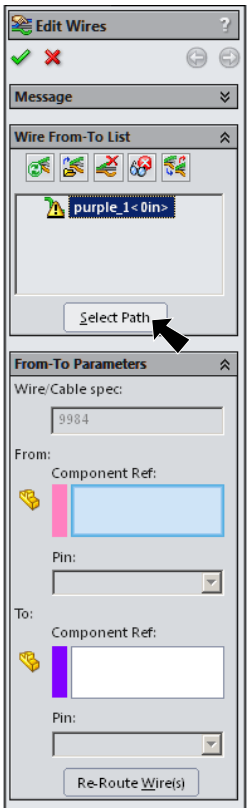

Fig. 14

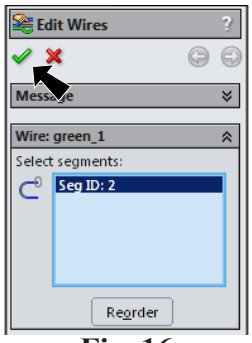

Fig. 16

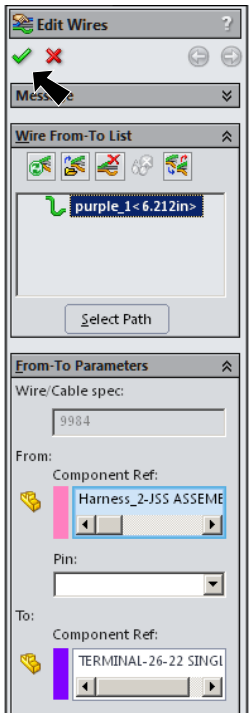

Fig. 17

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.

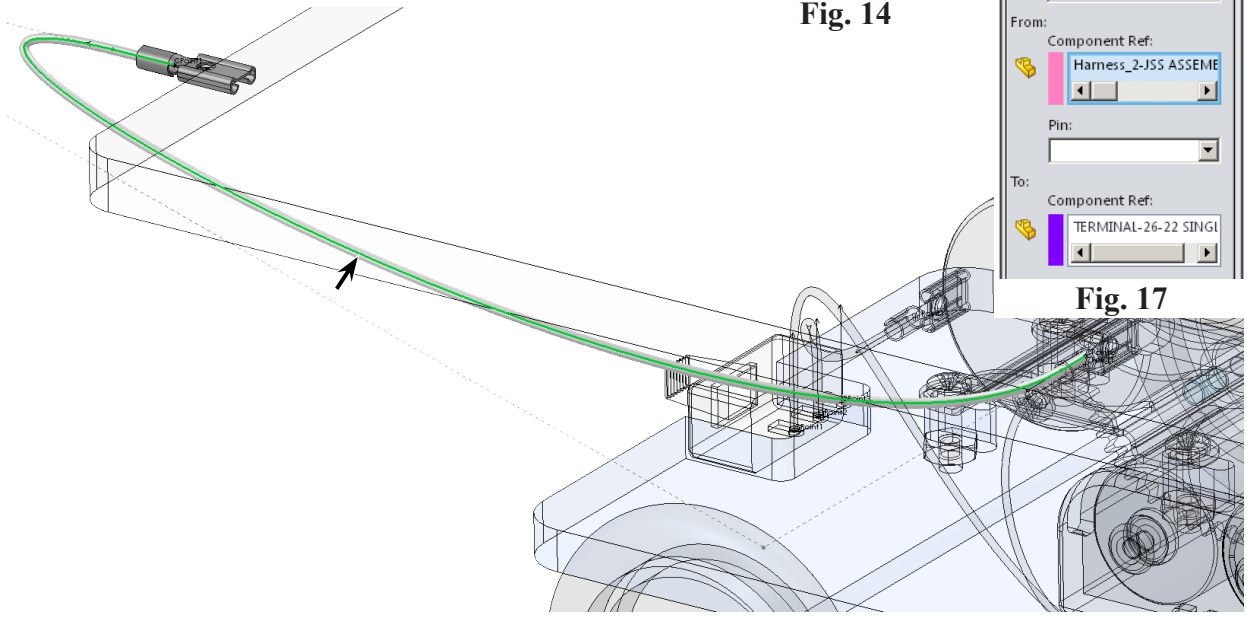
Fig. 15

D. Hide 3D Sketch.

Step 1. Click the **3D Sketch** and click **Hide** on Content toolbar, **Fig. 18**.

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

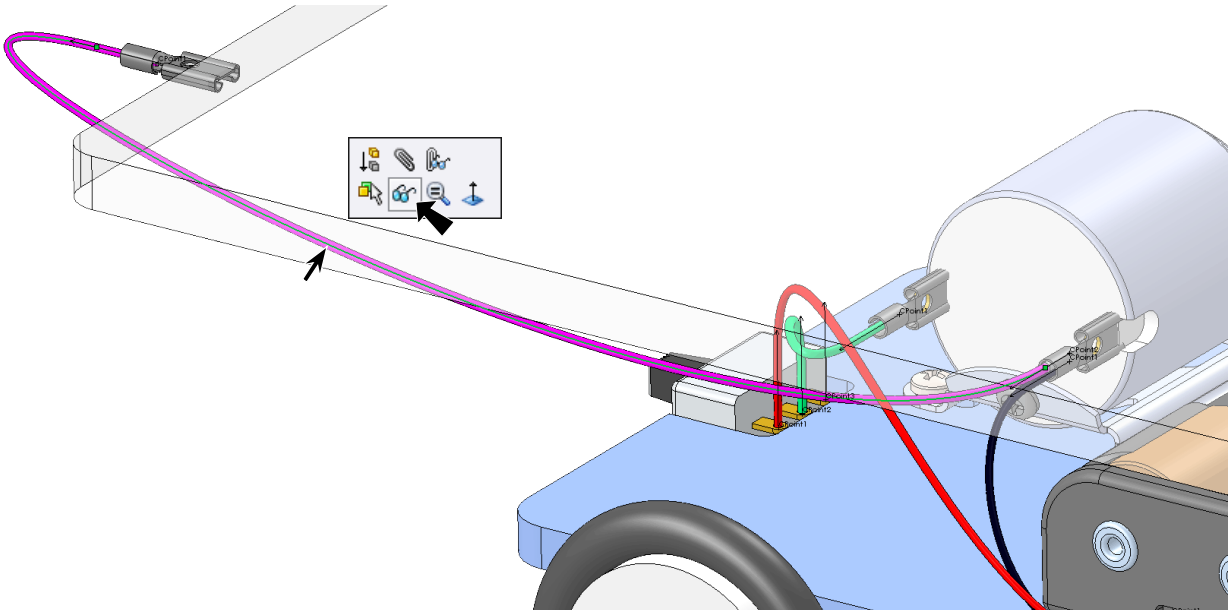

Fig. 18