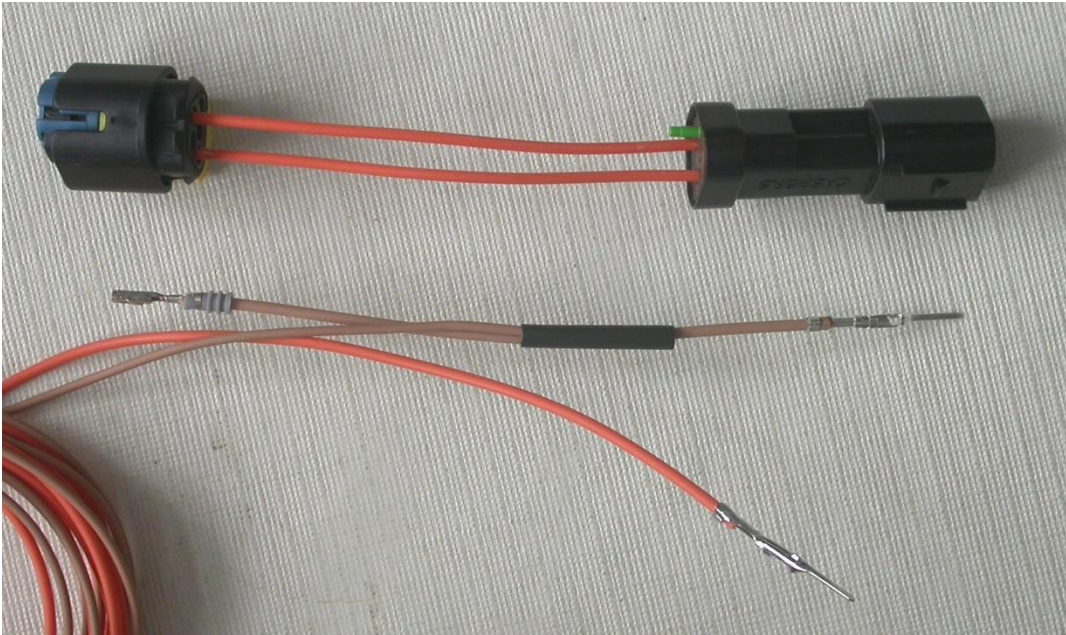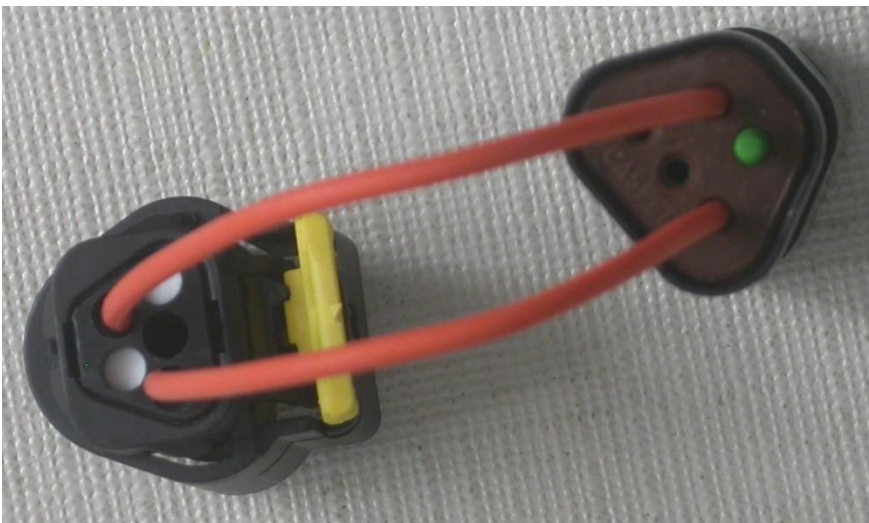# Installing your Rudy's Diesel Ford Switch

Figure out where to mount the switch, but do not mount it yet.

Route the wires under the dash so they will be out of the way after installing the switch. Carefully feed the wires through the firewall, being careful not to damage any of the pins crimped on the wires. Route the wires neatly to the sensor they plug into. Cover the wires with the included split loom tubing to make sure they do not get damaged after installation. Plug the three pins into the two connectors as follows:
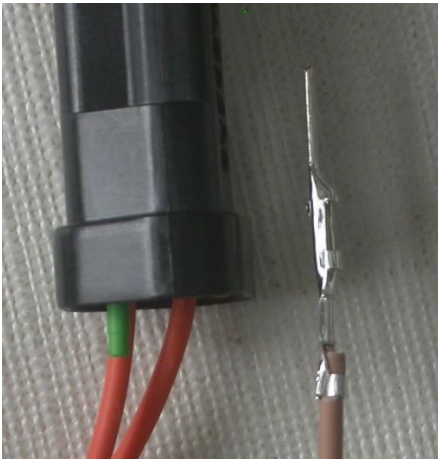
Your package should contain pieces that look like this:

In this picture you can see the three pins on the end of the cable and the separate piece with the two connectors you need. The pins are aligned with the connectors they will plug into.

In this picture you can see the three available holes into which you will plug the three pins. Do not plug anything into the holes with the white or green plugs and make sure to leave them in place. They are there to keep water from entering the connectors. Make sure your cable looks exactly like this picture.
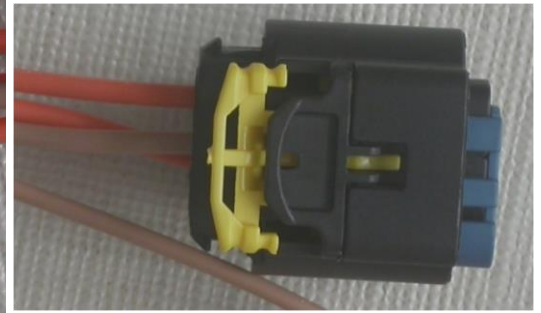
In this picture you can see one of the pins which plug into the connector with the green plug. These pins are a bit tricky to plug in. Make sure to push them perfectly straight through the hole in the rubber plug. They go in easily as soon so they are aligned correctly so be gentle. NO FORCE IS NECESSARY. The open side of the pin (the right side in the picture above) should be closest to the outside of the connector. The tan wire goes in the middle hole and the orange wire goes in the corner hole. When you're finished, the two pin side should have a green plug and an orange wire and the three pin side should have a tan wire in the middle and orange wires on either side. When you look into the open end of the connector, you should see four pins all nicely aligned.

This picture shows the front of the small connector. The blue piece slides sideways as shown in the picture to the left. To plug it into the truck, it must be centered like the top connector in the picture. In order to insert the pin, it must be slid to the side (as shown in the lower connector in the picture).

That connector has only one open hole. Two of the holes already have orange wires and two have white plugs. Plug the pin that looks like the above picture into the remaining hole. The side facing down in the picture must face the outside of the connector. If you face it the wrong way or don't slide the blue lock out of the way, the pin will not go in. The pin will go in easily. If it doesn't, something is wrong. IMPORTANT: do not use force or you might break it!

These two pictures show what the two connectors should look like when you're finished.