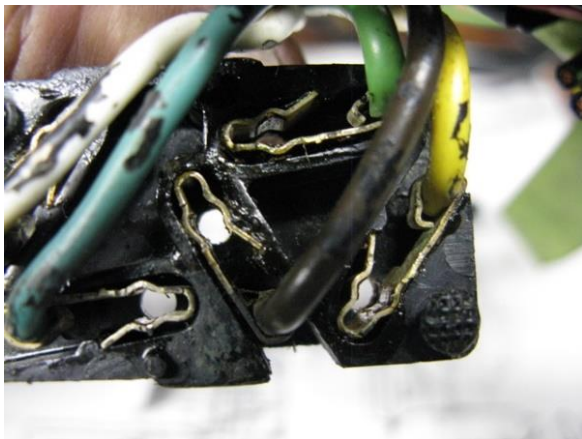


Tech Talk: C2 Electric Window Switch Harness

By Mike McCagh

I was preparing a fuel injected '65 for a Performance Verification (PV) test and found that the previous owner had improperly attached the power window switch harness to the main dash harness. When one wanted to lower the driver's side door glass, one had to use the rocker switch closest to the passenger AND this won't get you a successful PV as the proper way to lower the driver's glass is to pull back on the rocker switch closest to the driver's gluteus maximus.

The hateful and evil C2 power window switch harness plugs into the dash main harness then courses its way under the passenger-side front carpet and into the power window switch that is located beneath the shifter console. Removing the switch itself is a multi-step process: 1) remove the radio console side panels, 2) remove the fasteners that secure the shifter console cover to the floor-pan, 3) lift the console cover enough to gain access to the underside of the window switch and 4) remove the pair of pan Phillips-head screws that hold the switch to the console cover. Use the shortest screwdriver you have and consider using Allen-head fasteners when reinstalling. Cut the Allen-head wrench to the size needed (about 2").



The major evil aspect of this harness is the way that the five wires on the switch end of the power window harness are secured to the socket-connector. It takes very little pull on these wires for them to become detached from their terminal ends. I'm uncertain whether my harness is original or reproduction, but either way, once a wire leaves its plastic connector's plug, there is no room to re-crimp the wires in its terminal. Also, the plastic connector is put together with plastic rivets which would be destroyed if you attempt to disassemble the plastic plug.

After learning that the wires couldn't be crimped to their





respective terminals, I elected to use a Kimball Midwest product, Ultra Bond Fusion Adhesive and Fusion Powder. I suspect the adhesive is chemically super glue and God knows the powder's ingredients. Anyway, I placed a drop on the wire/terminal junction then dropped a small amount of the powder to the area containing the adhesive. It sets up immediately. I've used Ultra Bond on other applications and it's so tough you can drill and tap it. I used Ultra Bond product on all five wires/connectors and reassembled the harness to switch to console. windows will now pass PV. Fitting the switch, harness plug and harness itself requires a good bit of bending the harness as it leaves the floor-pan indentation that accommodates the whole assembly and herein is where the risk of pulling a wire from tits connector can happen.

Current reproduction harnesses use three pan-head self-tapping screws instead of the original style with the plastic rivets. This screw fastener feature allows for soldering the wires to their connectors or Ultra Bond can be utilized to secure the wires to their connectors.