



## Repairing Mopar Heater Switches by David Schoedel

*How I repaired mine.*

- \* Removed the plastic switch from the metal bracket.
- \* Cut the plastic rivet heads off with a razor blade. (Thankfully didn't cut my fingers.)
- \* I pulled the slides apart and labeled each one.
- \* Cleaned them each with 90% isopropyl alcohol, let them dry and then coated both sides of all three pieces with silicone paste.
- \* I then drilled 3/32" holes where the rivets used to be and tapped them for 4-40 screws about a half inch deep.

Now for the top.

- \* I cut the broken vacuum nipples flush with the case.
- \* Then filed the area down to be smooth.
- \* Starting with a 1/16" bit, and then increasing gradually up to 1/8", I drilled out each nipple hole.
- \* I clamped my bits into my bench vise....I didn't trust myself with a drill to be this precise!
- \* I filed the top edge a bit with a round file, just to slightly flair it. This will make pressing the tubes in easier.
- \* I made sure to clean up and plastic shreds from around the holes. This is critical on the inside of the switch, where the little slider slides under the nipples.
- \* I then cut (7) 3/8" long pieces of 1/8" OD brass tubing. The tube has a wall thickness of .014", so the inner diameter is still plenty big.
- \* I lined up each piece of tube with its respective hole.
- \* I dabbed red Loctite on each tube, placed the assembly in my bench vise, and slowly pressed the tubes into the plastic.
- \* I stopped every so often to let them rest to avoid cracking the plastic.
- \* I pressed the tubes down till the bottoms of the tubes were flush with the bottom of the plastic, so the slider wouldn't bind on them.
- \* I wiped up the excess Loctite and blew out the tubes.
- \* I then super glued them all at their bases in the top side of the plastic.
- \* I cleaned the slider and greased it, then reassembled the upper half of the unit.
- \* For extra measures (okay, okay because I'm a bit OCD), I filed the tops of the tubes so they were all flush with each other as well.
- \* Finally, I screwed it together and installed it in my car.

No more vacuum leaks and bullet proof for years to come!