

# DIY Sunshade Hooks

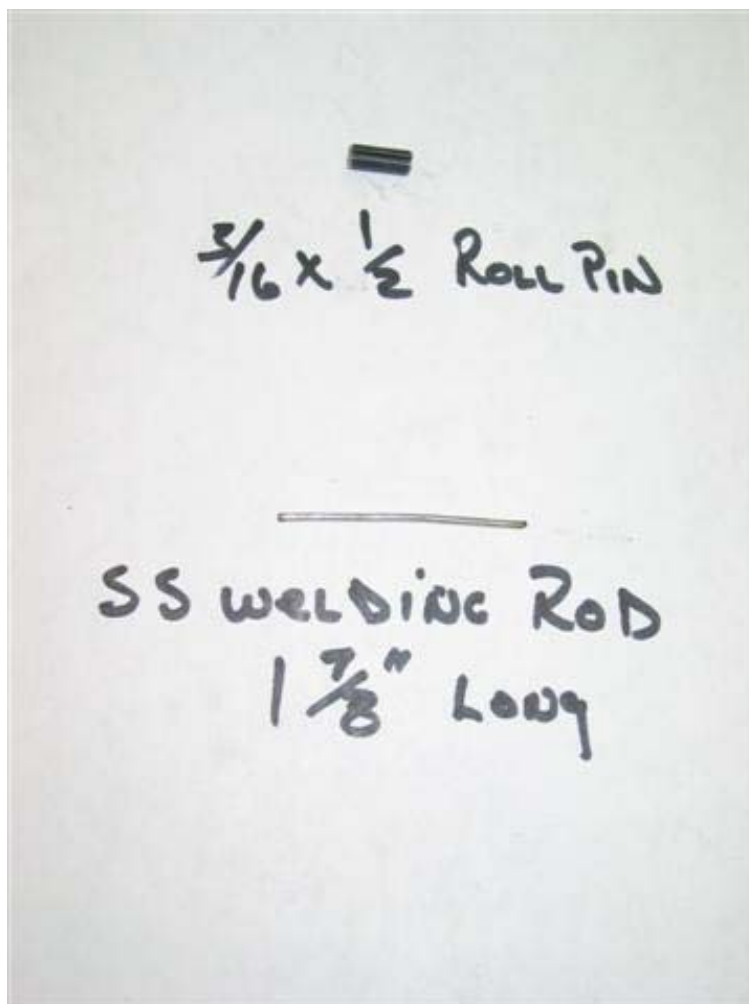
Making a pair of sunshade hooks to replace the plastic and most likely broken ones is quite simple and easy for most to do.

First, the parts that are needed are:

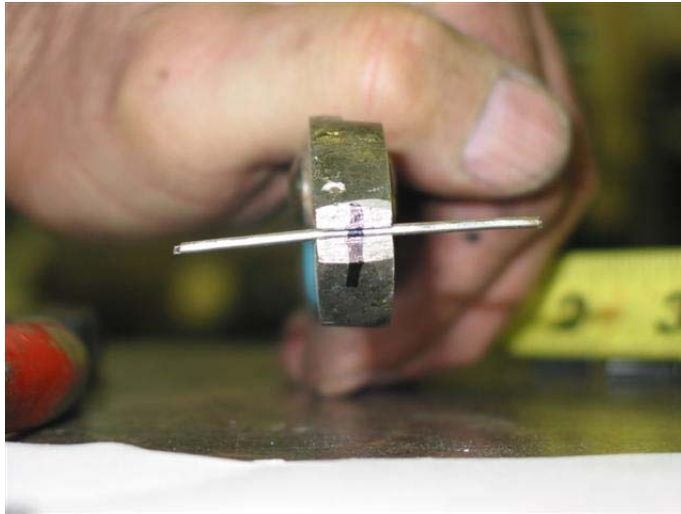
2), 3/16 X 1/2 inch roll pins

These can be found at most auto parts stores and some progressive hardware stores. The pins can not be larger then that specified because they will not fit the opening! I have been able to cut down pins that are to long but it does require an abrasive cutter, the pins are slightly harden and are not cut easily with a hack saw or similar cutter.

2), pieces of wire, I use SS welding rod and can be gotten at your local welding supply store OR you can use ordinary wire even from a coat hanger, the wires needs to be exactly 1 7/8 inches long, wire diameter is 1/16 inch (0.062, or 1.5mm). I wouldn't go larger diameter, harder to work with.

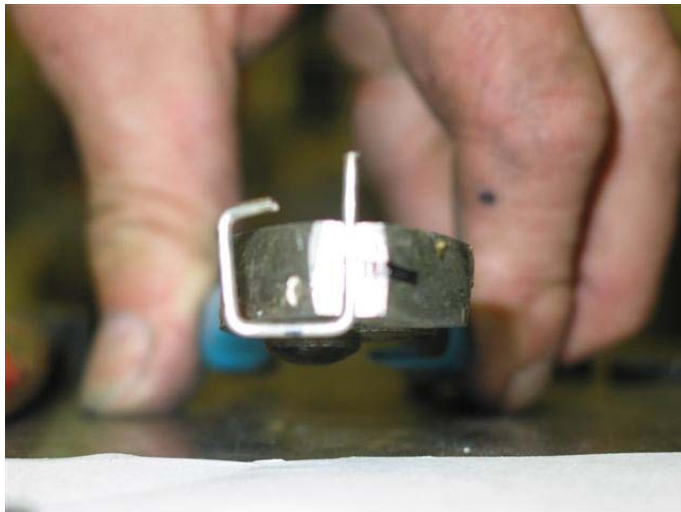
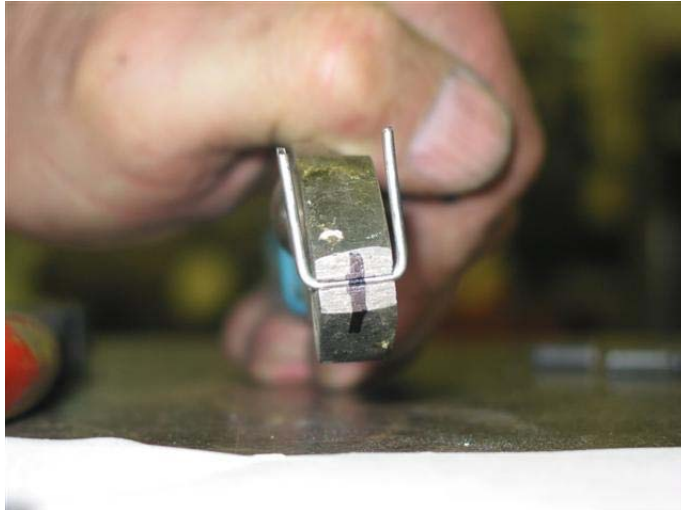


Next find a pliers that has a nose that is as close to 1/2 inch wide and possible, smaller is OK but should not be smaller then 3/8 inch wide. Measure and mark the center of the pieces of wire to be bent, also mark the center of the nose of the pliers that will be used to bend the wire into proper shape.



**As shown in above, place the wire with the center mark and align the marks with those on the pliers.**

**Follow the bending routing as shown below.**





**Now take the roll pin and insert one end of the bent wire into the open end of the roll pin.**

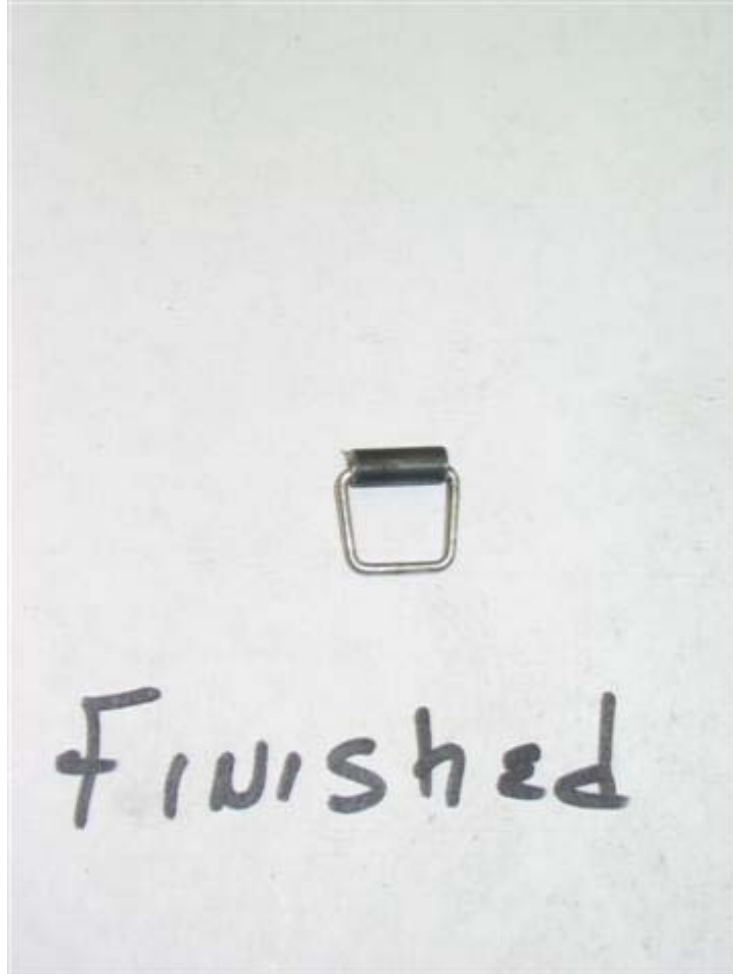


**Spread the wire enough so that you can put the other end fo the wire into the opposite end of the roll pin.**



**Gently squeeze the wire together at the roll pin to close the gap and make a good square shape, this may take a little effort depending on how much the wire was bent to get it into the roll pin. I have done hundreds of these and it is still challenging for me! But the results will be good!**

**You are now**



**Installation is next!**

**Sunshade hook repair**

**Open both rear windows to the lowest position. From either side, reach in and pull out the sunshade so that you have access to the end cap where the broken piece is.**

**1. Carefully pull the end plug out as shown below. It is plastic so it will scratch.**



**Once you have the plug out you can remove the small piece of plastic that once was the original hook. The result should look like this.**



**2. Press in the large barrel of the new hook into the opening and replace the plug noting that the slots in the plug should line up with the hook as it is pushed back into place. Repeat for the other side.**



**You are finished! Do not drive with rear windows open and the sunshade out, you will destroy the headliner hooks and these have no replacement.**

**Enjoy!**

**Mwrench  
Ed Raether  
(408) 354-0123  
ed@mwrench.com**