

## Inserting the Isolator missing around the windshield wiper stem.

This part was missing and I promised myself to put one in one day.

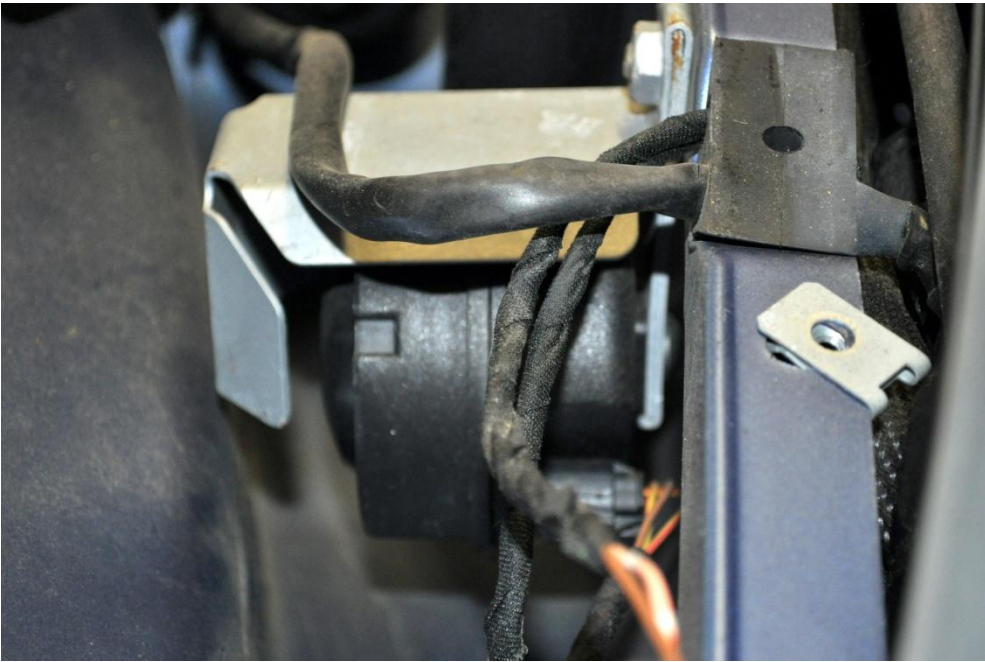


The wiper driver side stem hole is way off center and is not large enough for the isolator anyway. I measured the isolator hole on the passenger side, also off center, and found it to be 1.67"Ø. I found a juice bottle cap 1.70Ø, I drilled a hole in the middle of it .47"Ø and put that on the stem and scribed around it.





A view of the driver side beneath the cowl.



**The siren**



**Debris around the drain**



**View under the cowl on the passenger side**

The disconnected plug is for the washer nozzle heaters.

Bottom left is the drain for the cowl center.

Remove the caps and nuts from the wipers and release the wiper arms with a small gear puller.

Removal of the cowl is done by removing the seven Torx headed screws, cutting two cable ties, and releasing two wire clips with a screwdriver. The plug for the wiper nozzle heaters is just pulled out. The job could be done with the cowl in place but I removed it to see if there were any blockages in the drains and I found the leaves shown. The shavings made by the hole enlargement are also easily removed. You can see the heater fan on the passenger side and if that drain with the leaves over it became plugged you can see how the water enters the car so easily. The opening for the heater is in that flat area shown just above the leaves and drain.

The excess material was removed with an Olpha knife, I cut just inside the scribed line so the hole ended up about 1.67Ø which was the diameter of the existing passenger side isolator hole.

### **The finished job**

