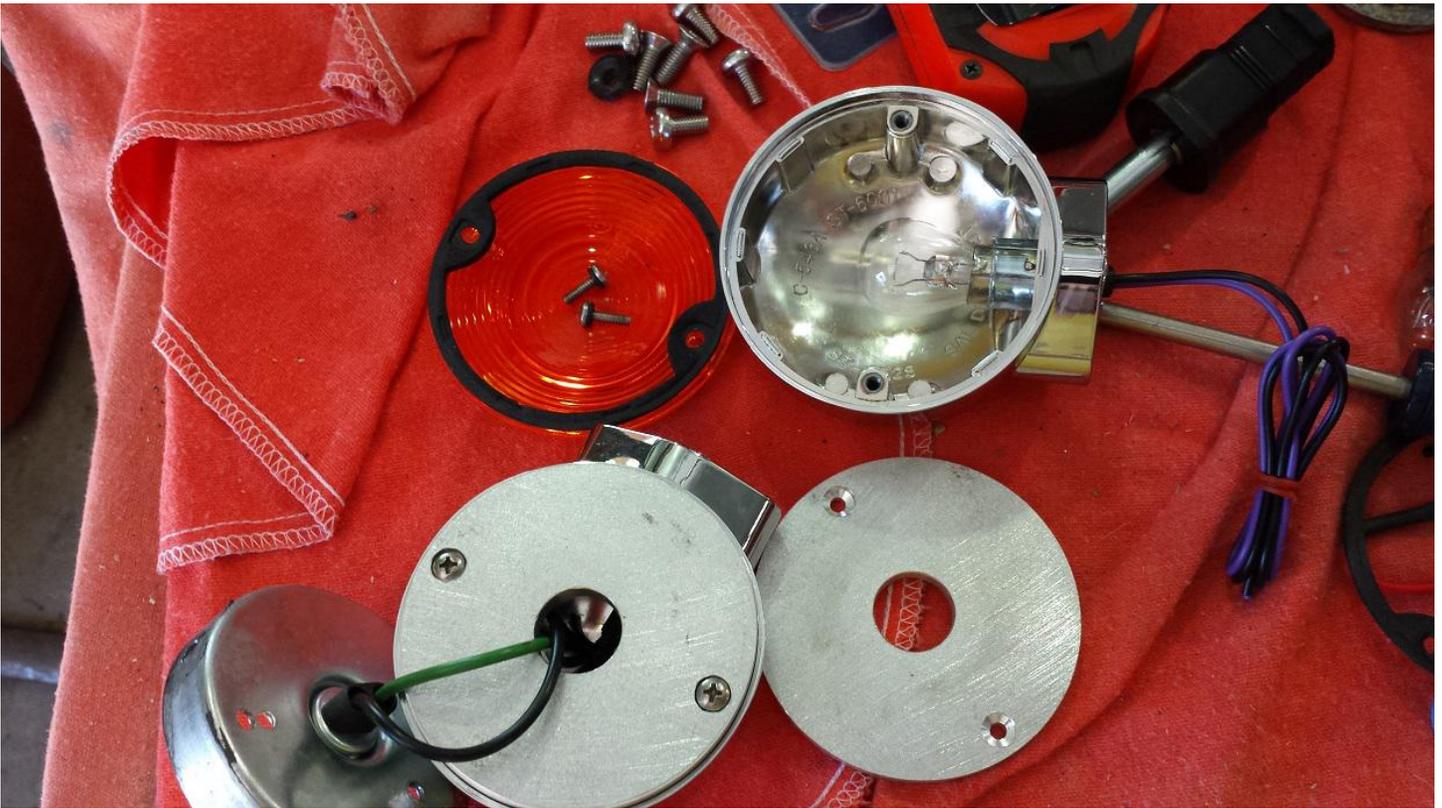


This is my latest attempt at '59 Caddy lights. I had previously used the stock lights, and mounted the Caddy lenses to them, but didn't like the way they sagged, so installed brackets to support them. For this version, I'm using Harley-style turn signal bases, and making them more rigid-mounted.

The only thing that has to be custom fabricated for this project are 2 mounting plates to mount the Caddy light cups to, inside the HD light housings. Problem being, the bezels for the Caddy light lenses are slightly smaller than the HD light housings, so there would be a gap. So mounting plates are need make them fit.

I made 2 plates from 1/4" aluminum plate. Drilled a hole in the middle large enough for wiring to pass through (3/4", I believe), then mounted them both to a bolt of the same size, and turned them on the lathe to the correct OD to fit just inside the HD light housings.

Mark locations for the holes, using the HD lenses. Drill holes, and countersink so the screws will fit flush. I bought SS bolts from the hardware store of appropriate size.



Next, mark the holes for the Caddy light backing cups to mount to the plates. Make sure you clock the Caddy backing properly so that the mounting holes for the Caddy lens and bezel are where you can get at them with a screwdriver later to install the lenses. These cups have several extra holes from the last mounting.



Tap these holes – to mount screws into to mount the caddy lights. Suggest 1/4" or 6mm, whichever you prefer. I used SS pan-head screws, from hardware store. The extra hole is for the ground wire to come through later.



I needed to slot the extra hole for the LED light wiring – just to make the wiring installation easier in the next step. I'm undecided on the LED add-on, and might remove them later.



I mounted the LED lights on short pieces of PVC pipe, to the backing of the Caddy lights, and the wiring runs through that additional hole. Ground wire for the light is seen coming through and attaching with one of the screws.



Now, to mount this thing to the bike. I removed the stock lights, and left the rubber grommets in the light mount on the bumper. I'm using a 3/8" bolt through the HD light mount, and then a 1 1/2" SS fender washer next to the HD mount. Then the bolt goes through the rubber mounts, and the stock inside large retainer washer (from stock light) and then a lock nut. The stock plastic cap can then snap right back on the retainer washer to hide the lock nut.



Here are some finished pictures:





Here are the part numbers for the HD light housing and mounting bracket.

