

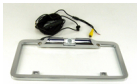
Camera Install

Written by Administrator

Sunday, 16 May 2010 08:45 - Last Updated Wednesday, 19 May 2010 15:51

Before I purchased the Challenger the only complaint I heard from owners was how bad the blind spots were. I normally try to back into parking spaces and was worried I may hit something if it did not have some help. My Audi S8 has backup sensors front and rear. I have become so reliant on these that I wanted something similar.

I was looking at the Mopar backup sensor kit but decided I did not want to drill holes into my new bumpers. I found this cool license plate frame camera, Boyo VTC200C.



I planned on using this in the back and connecting it to the OEM stereo. I then discovered that the video capabilities of the AV unit would not work if the vehicle was in motion. Not good if you are trying to use it as a backup camera display. So I did some more searching and found a device called a lockpick. This device intercepts the CAN message and fakes out the AV unit to think the vehicle is stationary allowing video to function at all times. This device also allows you to use 2 cameras so I purchased this unit and two license plate cameras.

Mounting the cameras

I had to drill holes in the license plates to allow the video cable to pass through them.

The camera frames came with nuts and bolts for installation. The frame has hex recesses for the bolt heads and the nuts are supposed to be installed from behind. This is to make the frames a little more theft proof. However, I could not find a way to get to the back of the bumper without removing them from the vehicle which I did not want to do. I purchased some #14 sheet metal screws with button head tamper resistant torx heads. I machined the head diameters down to 10mm on my lathe so they would fit in the hex recesses in the frames. I then simply screwed them to the stock bumper locations.

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