

## 2020 Chevy Silverado RST – Dash Cam Installation

Installation of BlackVue 750S-2ch (front/rear) – Purchased from [here](#)

### Tools used:

- 7mm socket/wrench
- 10mm socket wrench
- T15 torx bit screwdriver
- Trim tool (provided by BlackVue)
- Needle nose pliers (may not be required)

### Items Purchased:

1. In this article I have not installed the PowerMagic box and just ran the 12 volt plug to my center console for testing. I will update later what fuses I decide to tap into once I determine the ones I need on the Driver's side fuse panel. PowerMagic purchased from: [Amazon](#)
2. Our trucks use the micro 2 and micro 3 fuses so I purchased the following for the two power source connections required by the Power Magic. Add-a-circuit Fuses/adapters purchased from [Amazon](#)
3. Optional mount for future upgrade was not purchased at this time. [Blendmount](#) for BlackVue.



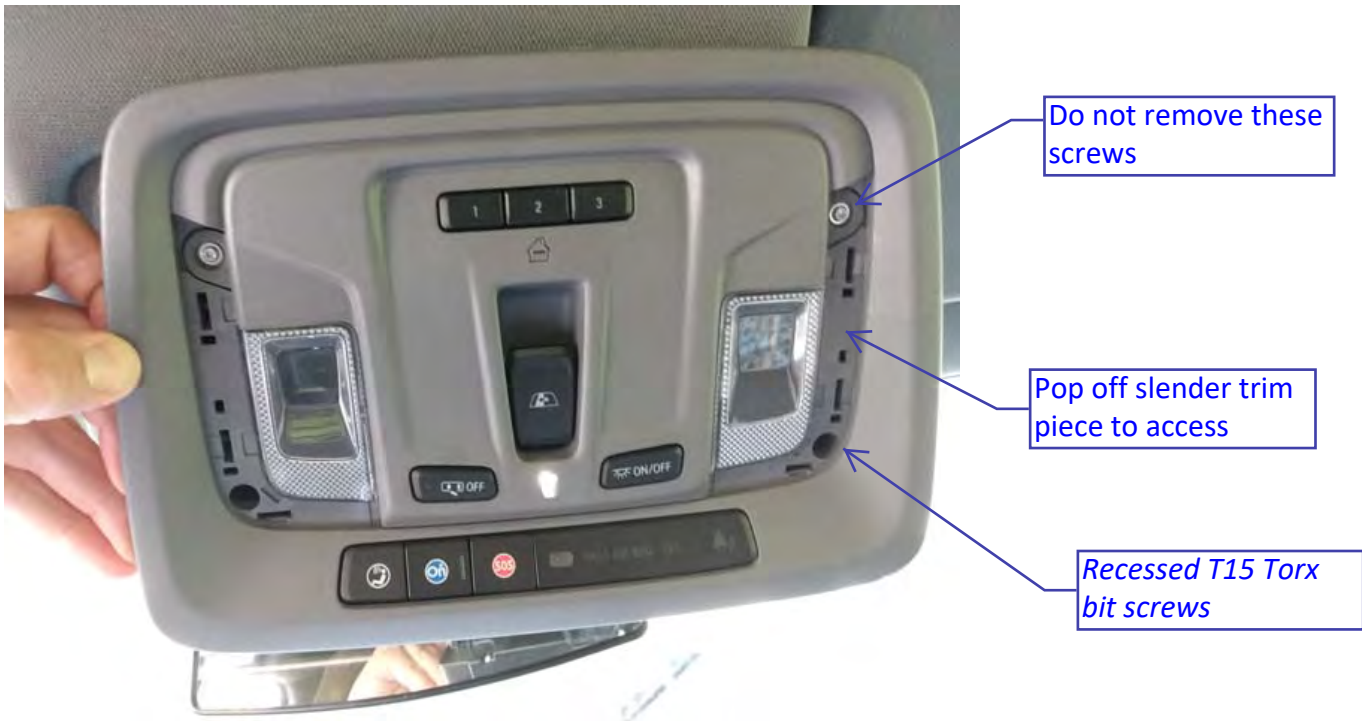
Notes: Overall the job wasn't that hard just took some extra time to figure out how to get a few trim pieces apart without breaking them. Broke one but no issues once put back together. I would say the worst part was the black trim piece around the rearview mirror. Hopefully some of this will help everyone else who is thinking of doing this.

I will eventually upgrade to a different mount for the front instead of the 3M adhesive because it doesn't make a clean flat attachment to the glass and you can see air bubbles from outside.

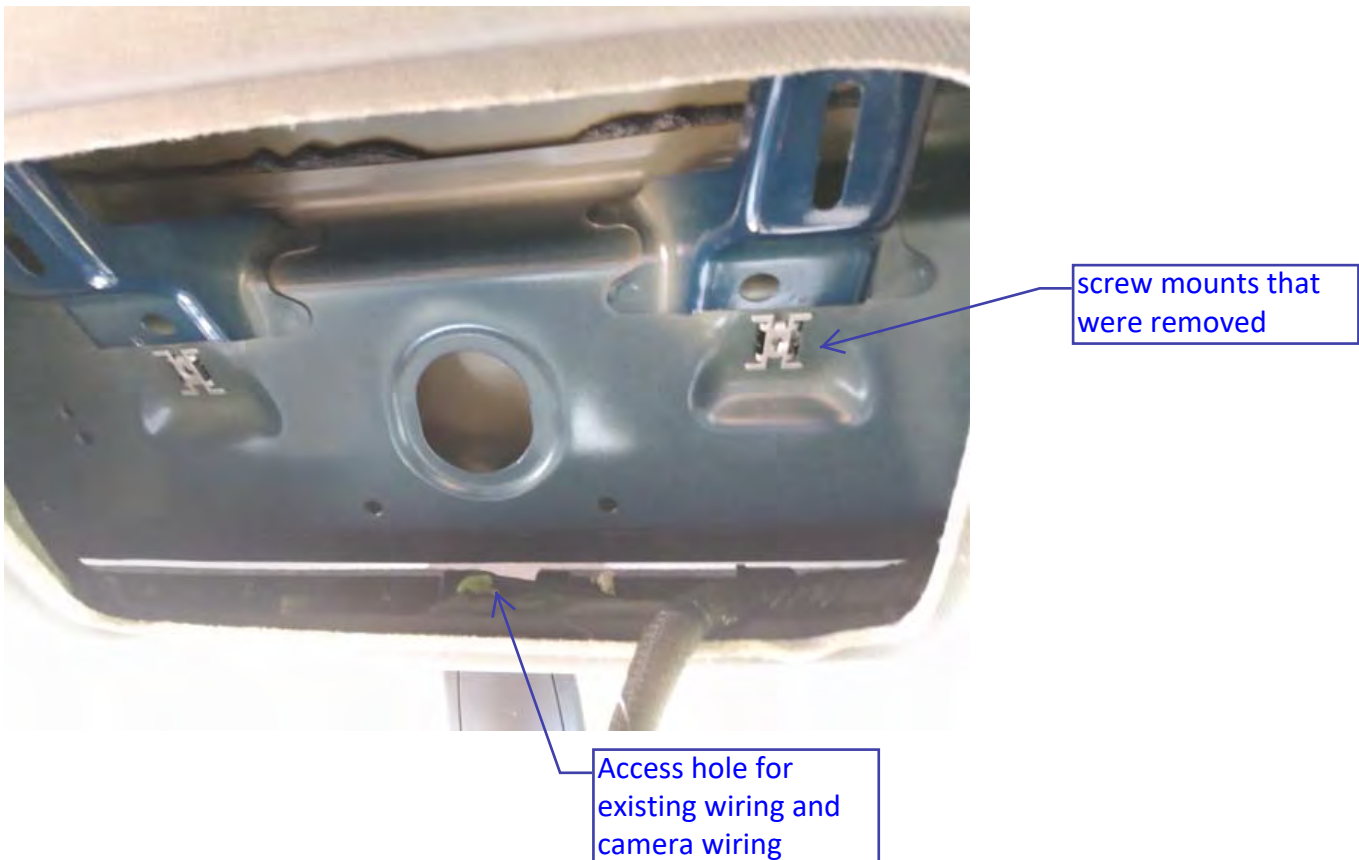
**WARNING:** PLEASE BE SURE YOU ROUTE ALL WIRES SUCH THAT THEY WILL NOT INTERFERE WITH ANY AIRBAGS IN THE EVENT THEY OPEN IN A CRASH.

### Overhead Console:

Remove the two small trim pieces with trim tool on either side of lights and then use T15 torx screwdriver to remove screws that are recessed in holes closest to windshield. They are a few inches inside. These are the only two that need to be removed.



Once the screws are removed, grasp the overhead console and pull straight down. Mine wasn't that hard to pull out. Once it was out I just let it hang from the roof. You can see the two screw attachment locations and where the wiring goes into the rearview mirror or FWD crash detection area.



### Rearview Mirror Assembly:

From here I chose to save the rearview mirror trim piece for last because I had no idea how to remove it and attempted several times to simply remove the center piece but it wasn't budging. For this article I will assume most will tackle it in order over front to back, which is how I started running my wires once all trim pieces were removed.

To remove the trim piece around rearview mirror, I slid the trim tool between it and the glass and pried a little and it popped loose. You have to do this in at least 4 locations. I then grasped the trim with my hands and pulled a little all the way around and it seemed to pop loose. **WARNING: even after it was apart I still have no idea what the best method is to remove it and reinstall it.** The upper part, nearest the headliner is actually wedge against the headliner and was a PITA to pull completely down as the two outer corners of the plastic wanted to hang on the headliner. I was able to pull/flex the upper corners apart from other as I pulled down as well as pushing the headliner inward...all at the same time. It worked but it wasn't fun, and neither was reinstalling it! If the rearview mirror arm would have moved forward it would have been easy but it didn't seem to want to move and I wasn't attempting to force it.



corners that are  
being pressed  
against by headliner





mounting tab



metal bracket tabs  
snap to

**Warning:** Do not try to pop the middle trim piece that wraps around the mirror arm out of the main trim piece! I'm glad I didn't pry harder because it would have broke. Here are some pictures. I was hoping to remove it and save the hassle of removing the entire thing. Even with good access to it, the middle piece did not want to come out.



Center trim piece



The reason why the  
Center trim piece  
would not remove  
using trim tool.

## Routing of wires for front camera



There is enough room to feed wires through here without binding them up or causing damage.

Be sure to leave a little extra wire in headliner for mounting front camera then pull excess slack out once connected. I was short about 1 inch, but easily pulled wire back since all trim pieces were still off.





### Driver's Side A-pillar:

This is where I actually broke a trim tab. Once off it was obvious this piece had no intention on coming out easily. First, pop the two trim pieces/tabs out that cover the 10mm bolts. Then remove the bolts.



10 mm bolt

The older trucks had two trim tabs under the A-pillar but the 19-20 only have one near the top. The bottom has a small blade that goes into a slot in the dash. Pictures to follow. I tried grabbing the handle and pushing straight towards the passenger side but no luck, with a good amount of force. So I pried the top of the a-pillar away from the head liner so I could get my fingers inside and I gave a slight tug straight away from the body and it popped loose and sounded like a normal pop...that's when I discovered the metal tab stayed in the body and the plastic ripped away from it would some still left in the tab. This is where I had to use needle nose and the screw driver to pry it out of the body. Even pulling straight out with the pliers alone would not budge the metal tab. Like I said, it wasn't meant to pull out in my opinion.



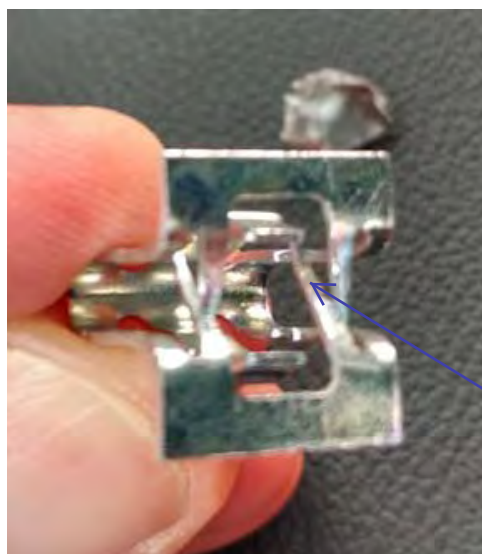
Had to pry this out with screwdriver and using needle nose pliers to press tabs toward center



run wires such that they do not interfere with side curtain airbags. I ran on top of black lastic protector and the light green flap the large nut goes through. Used flap as protector for dashcam wire.



teeth from side view



enough material for tab to grab back onto

4 teeth that grab into plastic making removal almost impossible



This is where the bottom of the A-pillar slides into the dash. So when you get the top loose, you will have to pry the plastic away from the headliner and then pull up and away from the dash. Don't force it over towards the passenger side or you may bend that tab.



where bottom of A-pillar tab slides into so be careful when removing A-pillar

Interesting...Honduras.

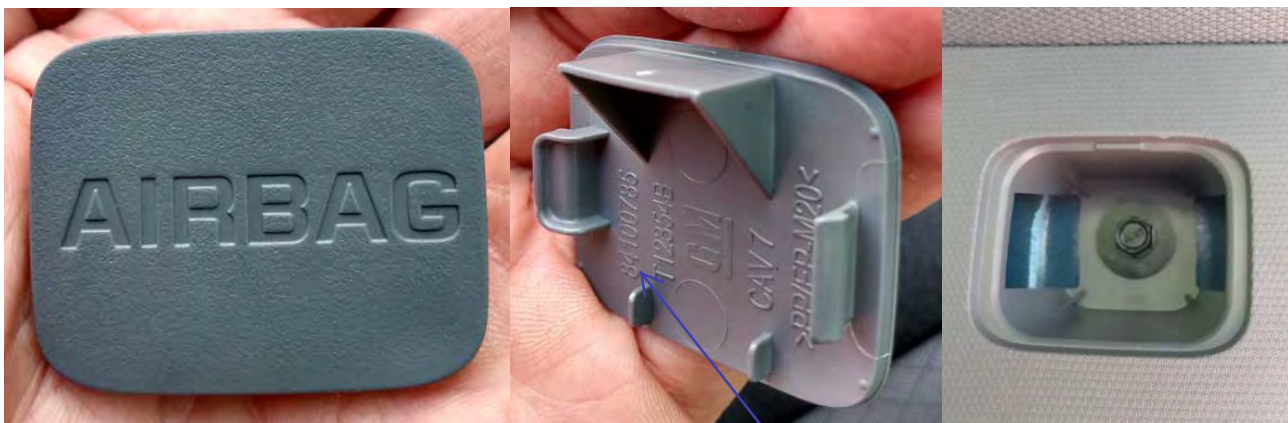


flaps that I used to place wire between



### Side Pillar:

This was pretty easy, just remove the trim piece that says “airbag” on it, two pieces over the handle and the seatbelt trim even though it may not be necessary. Remove 7mm bolt behind airbag trim piece and two 10mm bolts. Trim has three tabs behind it, two at the bottom and one where 7mm bolt is.



I placed wire grommet with 3M adhesive just above headliner to hold wire in place here.



10 mm bolt trim tabs







One male insert  
behind 7mm bolt  
mounting location at  
top of panel

Bottom of trim panel  
mounting tabs

### Back Passenger Pillar:

This wasn't hard to remove but once removed do not just yank it away from the body panel. I removed the seat belt trim piece first then pulled the entire trim piece away from the panel. The bottom left corner is wedged between another trim piece. Also, there is a rubber band type piece attached to the back of the main trim panel so it will not just pull away farther than a few inches. Not sure why it is there. I left it attached.

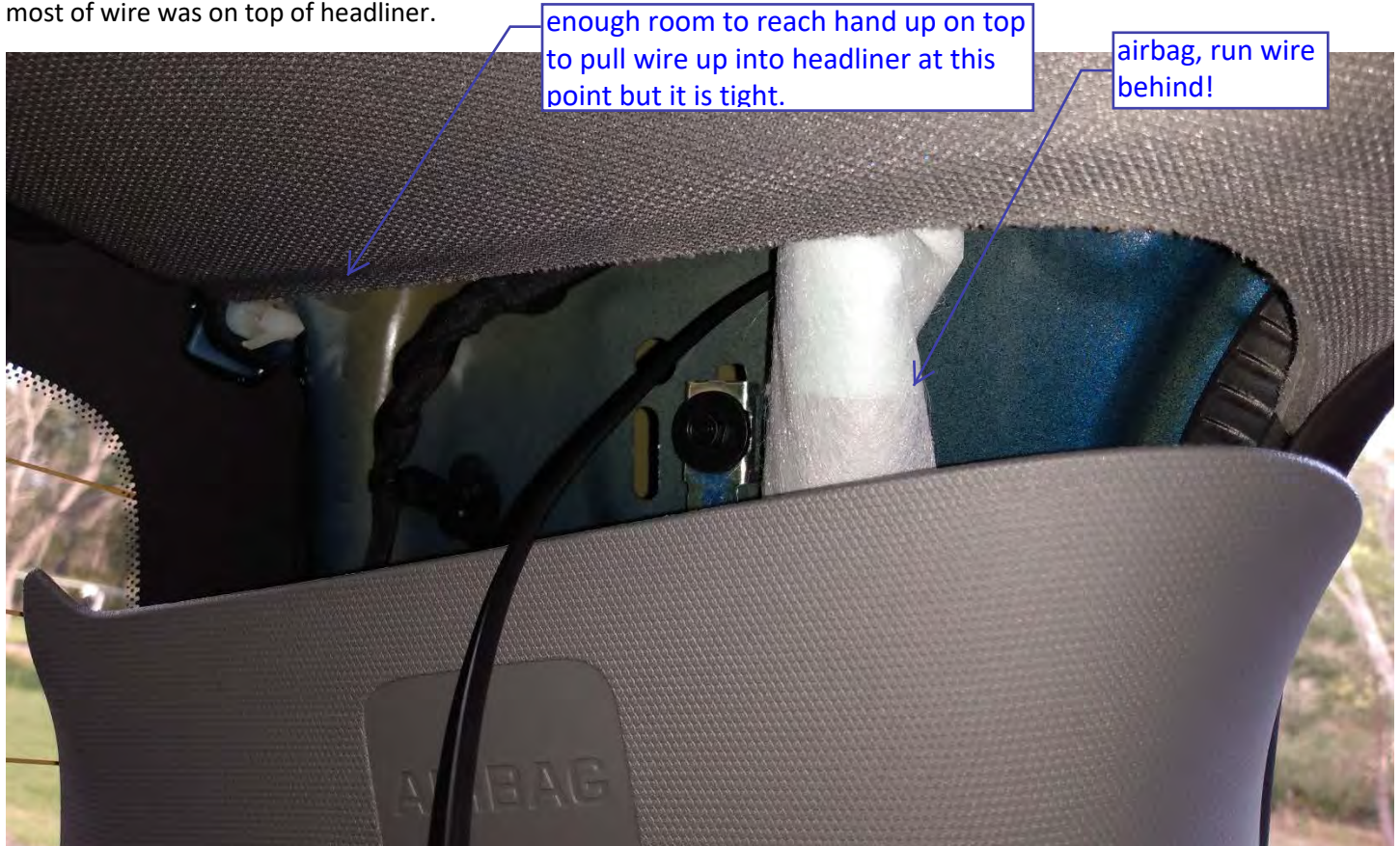


reinforced rubber band could probably be removed but there is enough room not to remove it just don't keep pulling panel away from body.

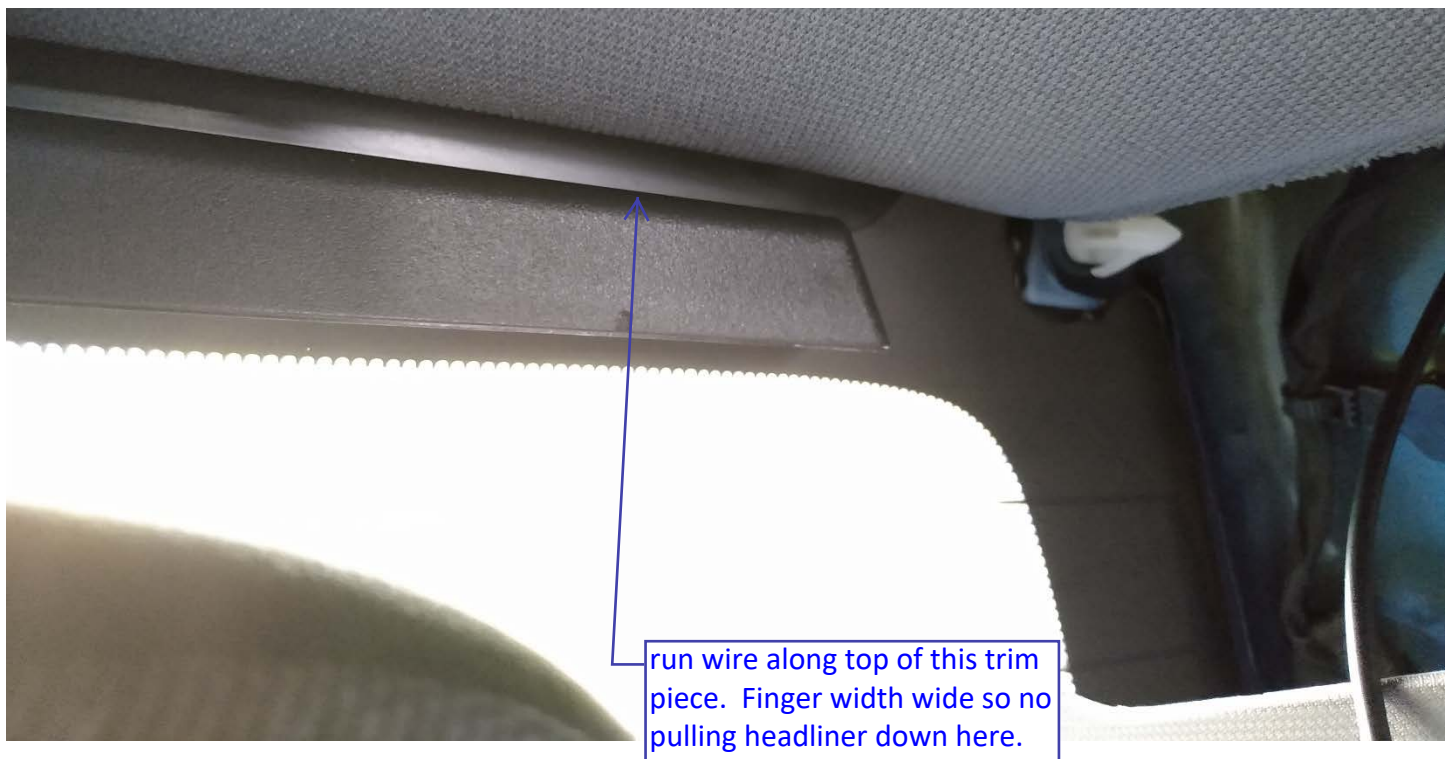
wire grommet with 3M adhesive placed here to keep wire up and out of way and behind air bag.



Trim piece will hang down enough to get your hand inside and above headliner. I held wire in place on left side where back camera mounts and then grasped wire on right side, after starting it above headliner, and pulled up into the headliner and towards rear camera a little bit at a time as I worked my fingers as close to the rear camera as possible (If that makes sense.). The plastic piece above back window will not allow you to pull headliner down but I was able to get most of wire was on top of headliner.



Back camera wire ran along the top of this plastic piece over to the camera then pulled wire up into headliner.





Final mounting locations:

