



Install instructions

Wrangler (JL,JLU(w/ Trail Cam))

Installation Video: <https://youtu.be/Xdgl-lGccd4>

- **This video is for non Trail Camera Jeeps however alot of steps are the same and can be helpful in the removal or reinstallation of your grill. (will be updated soon)**

Tools:

Flat Head Screwdriver
Parts Collection Container
Torx bit assortment
Large soft cloth
Dykes/Horizontal Cutters
Marker

Quick Notes:

- DO NOT unplug the Trail Camera. (in some cases reprogramming by dealer may be necessary)

Installation:

1. Remove both front hood latches and prop open hood. (Fig 1)

Figure 1



2. Remove six panel clips that hold the top of your grill in place. (Fig 2) To do so place a flat head screwdriver under the edge of the panel clips and separate the head from the rest of the clip. (Fig 3) Once complete remove body of the clips from there hole and place them in the parts collection container.

Figure 2

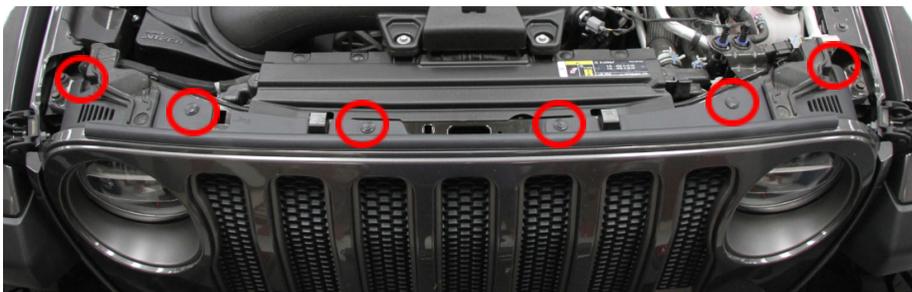


Figure 3



3. Place a table or cart in front of the driver side right in front of the bumper and put down a soft cloth or towel to prevent scratching of the paint on your Grill.
4. Pop the front clips loose by pulling outwards on the front grill from the center as well as below each headlight until it is completely loose. Once your Grill is loose, reach in from the gap formed at the top and unplug the windshield washer hose for your front camera but DO NOT unplug the Trail Camera. Slightly twist the insert as you pull it away from your jeep's front end and set on the table while leaving the trail camera plugged in. (Fig 4) (watching Install Video above may help show certain steps)

Figure 4



5. Lay the large soft cloth down and set the grill face down on the cloth.
6. Use a flat head screwdriver and star bits to remove the 4 white plastic tabs and the eight torx bits holding the existing 3 piece grill insert in place. Also remove the 2 torx screws holding the camera in place and set the camera off to the side. Once Camera is loose and to the side remove the 3 sections of factory honeycomb grill inserts. You may need to loosen the Camera Harness by popping its clips loose. (Fig 5) (for some models this step is optional)

Figure 5



7. Cut the four plastic mounting tabs off of the grill with dykes. They held in the small white plastic tabs removed in the last step. Make sure they are cut flush with the grill. Also Trim any of the other black clip style tabs that prevent your New insert from laying Flush up against the front of your Grill. (depending on your model you may not have the extra clips to trim)
8. Lay in your ZKD Customs grill insert into place and properly align the design for optimal visibility. Once aligned properly mark the location of the 4 central torx scw holes on the backside of the insert. This will aid in alignment later.

9. Take your center section of factory honeycomb and lay the camera and its mount back into place on the section of honeycomb mesh. This piece will be reinstalled behind our product and the 4 central holes marked in the prior steps will be used when reinstalling the section of factory grill insert. Some Pressure may be required to get the factory torx screws to go deep enough to grab the grill itself. (Fig 6)

Figure 6



10. Reinstall the two torx screws that hold in your camera but now that it is being held off of the factory mounting holes it will not reach so be gentle when screwing back into place since it will just be grabbing our insert for mounting of the camera.
11. Reinstall the clips for the wiring harness where applicable and use the bottom edge of our insert and the included Zipties to mount the wire away from anything that may rub or rip the harness.
12. Now you're ready to reinstall the Grill itself. Slowly lift and twist your grill back down into place aligning the clips on the grill with the clips on the jeeps lower cross member and front support. Put pressure on the bottom 6 clips to pop them back into place and once clipped back into place reach into the gap and reattach your camera washer fluid connection.
13. To clip in the two side clips below the headlights align the clip properly and apply even pressure just below the headlight bezel to get it to pop back into place. Once complete, reattach the six panel clips on the top edge of the grill and put your hood down. If properly done your camera should be aligned properly in the hole and your insert should be properly aligned as well. (Fig 7)

Figure 7



14. Congratulations Your Grill insert is installed! Please feel free to send us any pictures, questions, or concerns regarding our product. Also, be sure to tag us on social media and go leave us a review via facebook and our website!

<https://www.zkdcustoms.com/reviews>