

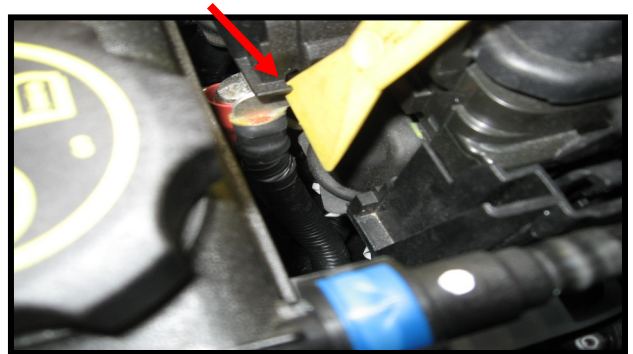
C7 LED COVE LIGHTING KIT

HELPFUL TOOLS

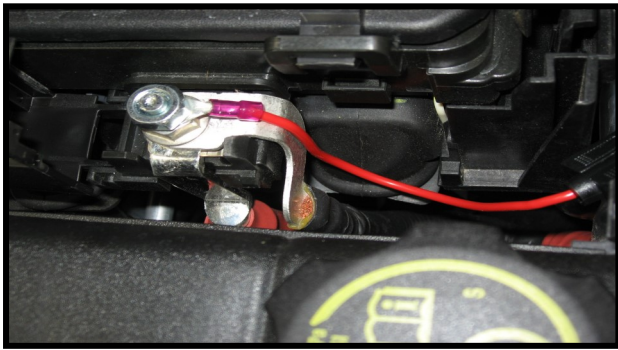
Plastic panel removal tool 7 mm nut driver 10 mm nut driver 13 mm socket , extension w/ ratchet
torx #15 socket plastic wire ties , sand paper Jack and Jack stands to raise front of vehicle.



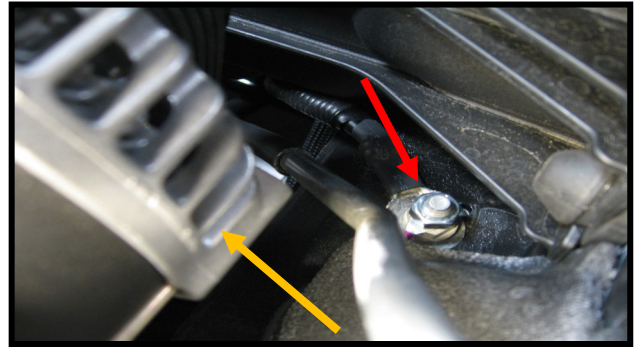
Open hood and place control box in this location (red arrow) in front of under hood fuse box (yellow arrow) or you can mount it under the cowl lip. Do not attach until installation is complete. The extra leads are for the hood vent leds.



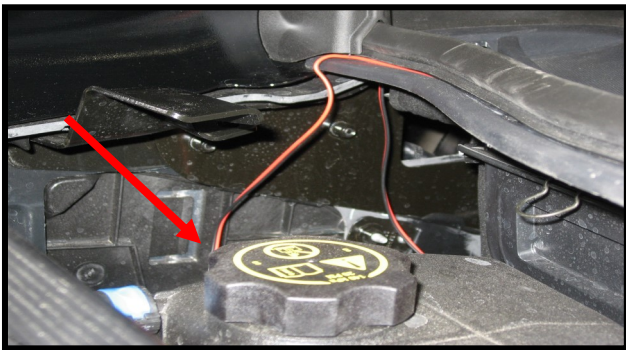
locate this tab on the back of the fuse box to release cover over positive cable (red arrow). Pry tab rearward to release and open cover over positive cable. This is where you attach the positive wire from the control box with the supplied nut.



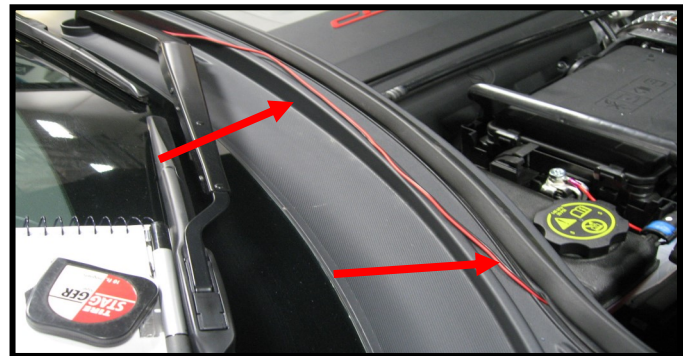
Route the red wire to the back of the fuse box and install it in this position and tighten. Close the cover.



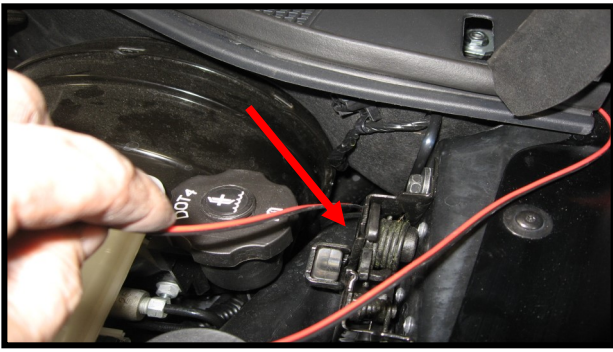
Locate the negative cable (red arrow) below and in front of the alternator (yellow arrow). Route the black wire from the control box and attach it to this cable with the provided nut. On Z cars you can use the bolt on the oil tank as a ground.



You can now test the lights before you complete the installation. Drop the shorter wire and led strip down into the fender cove area on the passenger side (red arrow)



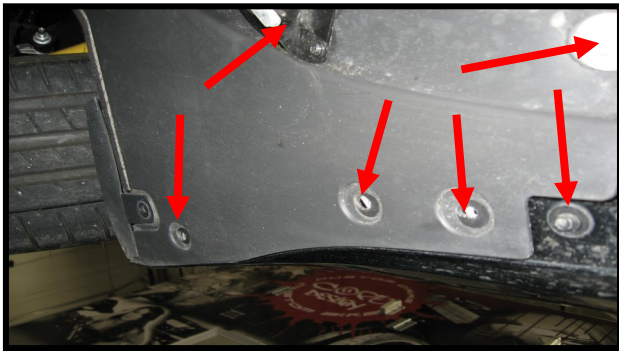
Route the long led wire across and behind the rear hood weather strip. You will later hide the wire under the weather strip.



There is a small area behind the drivers side hood latch and on the outside of the brake booster where you can pass the led strip into the fender cove area (red arrow). If you have trouble finding this area you can remove the lower splash shield in the next step and use a light to make it easier.



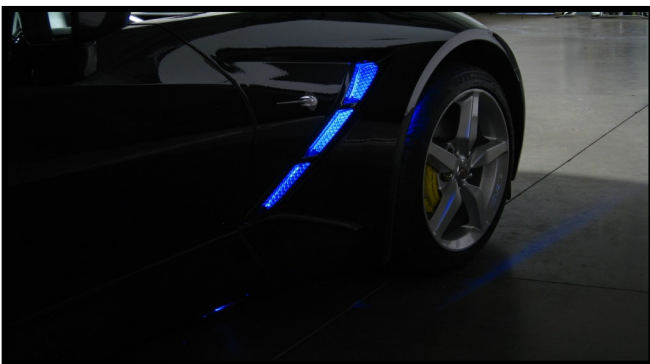
Try this method first to gain access to the fender cove area. If its not enough room for you to work you can also take off the panel shown in the next step under the car to gain more access. Turn the front wheels out on the side you want to work on. Pry off the splash shield behind the front wheel . Its held on by clips and pops off easily. Remove the 4 size 15 torx screws that attach the inner fender panel. You can pull the panel back a little to gain access.



You can take this panel off to gain more access to the cove area. You will have to take this panel off or down a little if you are connecting the rear fascia kit to the cove kit. Raise the vehicle up using the factory lift points and support with jack stands. Remove 4–7mm screws and 2-10mm screws. One 10mm screw is hidden in this picture (upper left arrow). Pull this panel back to gain access to the fender cove area to place the leds.



Clean this area with the supplied alcohol pads. Prep all areas before applying the supplied 3m adhesion promoter. Cut the top off the 3m packet and squeeze the excess fluid back into the packet so you will have enough for all areas. Just a thin coat is needed so use it sparingly. Fold the top closed and clamp to preserve the adhesion promoter.



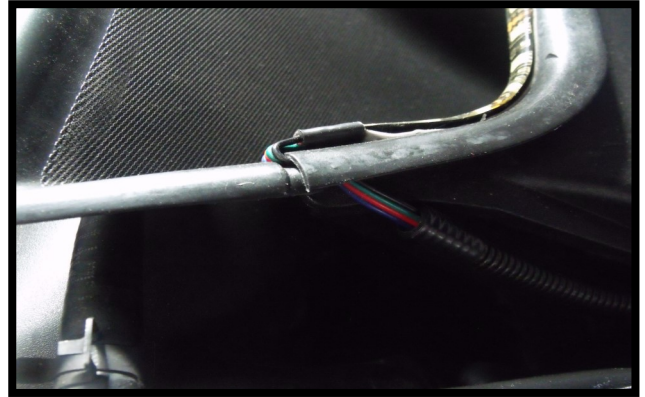
Center the led strip on all the openings bottom to top. The best effect is achieved by placing the strips about 2" away from the vents. Peel about 2" of the backing from the strip and start mounting the strip. Peel back the backing as you go. Repeat these steps on both sides of the car. The extra leads near the ends of the strips are for the rear fascia led kit if you are installing that kit.. Now is a good time to install the rear led kits so you can attach the wires before replacing the splash shields.

After you have finished the installation and tested the lights you can re-install all the shields you removed by reversing the previous steps. Lower the vehicle and hide the wire behind the cowl weather strip. Remove the adhesive backing from the control box and mount it. If the lights don't light always check the fuse located in the housing on the red wire before the control box. The control box is not waterproof so protect it if you wash the engine.

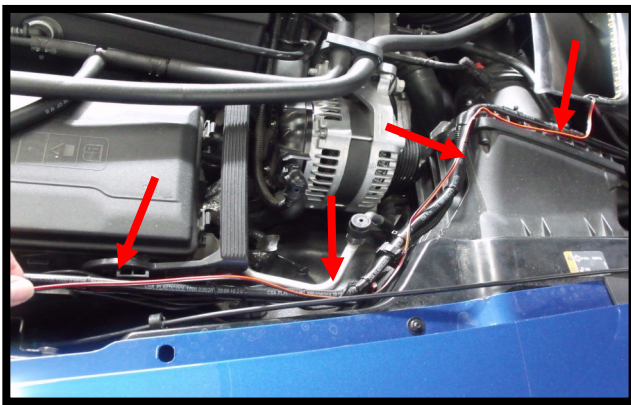
HOOD VENT WIRING



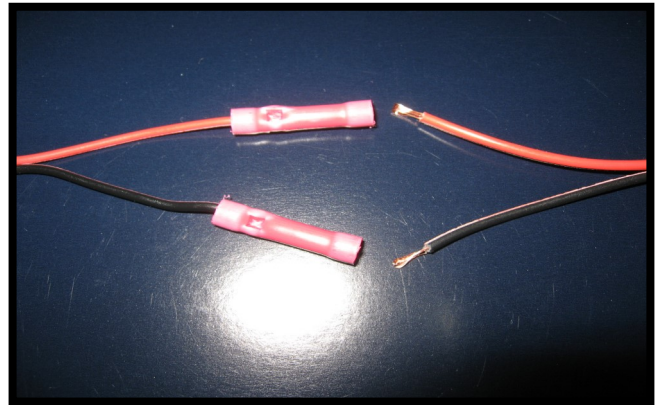
Open the hood and Center the hood vent led strip on the ducting as shown. Be sure the wiring comes out on the passenger side as shown in the next picture. Be sure to prep the mounting area with the adhesion promotor.



Tuck the wire under the weather strip and then remove the backing from the strip and press in place. Only press longitudinally on the strip not across it making sure it sticks in the corners.



Now route the wire along the plastic hose (red arrows) towards the control box. You can hide the wire under the hose and secure with the supplied wire ties.



Now strip 1/4" of insulation from the ends of the wires. If you are also installing the grill led kit twist the black wires together and the red wires together and insert them into the butt connectors near the control box and crimp the connectors tightly. Make sure you connect the reds together and the blacks together. Test the lights and replace all the panels removed.