



**Application:** 2014-2019 Corvettes, Stingrays, Grand Sports, Z06s & ZR1s

## C7 Door Handle & Puddle LED Kit



### Tools Needed



Search **Lighting, Exterior & Interior**  
[www.mamotorworks.com](http://www.mamotorworks.com)

**NOTES ABOUT INSTALLATION:** Please read all the instructions and follow the steps! Door panel removal is not required!

**IF YOU ARE ONLY INSTALLING THE PUDDLE LEDS, START AT THE SECOND PICTURE.**

**Tips for using adhesion promotor.** Cut top off packet and as you remove sponge, squeeze all excess fluid back into packet. Since strips need to be installed within 1 hr. of applying the fluid, do one side at a time and fold over and reseal the packet. Only a thin layer needs to be applied to the thin area where the strips will be applied. You can tape off this area as a guide.

**Step 1:** Start on the driver's side. Wipe both areas with supplied alcohol pads. Apply adhesion promotor to this area and let dry. Peel backing and apply and hold strip in place for a minute. Pull the weather strip out a little and start routing the wire behind it down the door to the area at the bottom where the puddle strip mounts.



**Step 2:** This shows where the under door strip will be mounted so only apply promotor to this thin area. Use the 2 rivets as a guide as this is how to also line up the strip when installing it. Peel the backing from the strip as you go, lining it up with the rivets at each end. Tape up the exposed wires with strong tape.



**Step 3:** Now continue routing the wire behind the weather strip up to this area at the front of the door. There is a pin (green arrow) that holds the W/S in place just below the door strut (red arrow). Route the wire over the top of this pin and push pin back in.



Mamotorworks



@CorvettePassion



MidAmericaMotorworks



CorvettePassion

**2900 North Third Street, Effingham, IL 62401**  
**800.500.1500 • Worldwide: 217.540.4200 • FAX: 217.540.4800**  
**[www.mamotorworks.com](http://www.mamotorworks.com) • [generalmail@mamotorworks.com](mailto:generalmail@mamotorworks.com)**  
©Mid America Motorworks, Inc. All rights reserved.



## Description (cont.)

**Step 4:** Route the wire behind the boot between the door and the car to hide the wire best as possible. Use the supplied wire ties to secure the wire out of sight.



**Step 5:** Remove the door sill panels starting on the side of the dash. They are held in by clips so you can pry them out with a panel removal tool.



**Step 6:** Continue down the panel prying the panels off.



**Step 7:** The bottom sill panel pulls straight up.





## Description (cont.)

**Step 8:** Behind the panel you just removed look for this wiring harness. Grab it and follow it up to where it meets the inside of the car. With your finger, push down on the top to release the cover which will pop out between the door and the car where you routed the wires.



**Step 9:** Look between the 2 door hinges and you will see the cover you just released from inside the car. Pull it back a little to give yourself room to route the wires. Note the purple top of the connector block (green arrow). This is where the wires are passed to the inside of the car. Yes they will fit!



**Step 10:** This is the part that requires a little patience. Its hard to see exactly but you can pass the connectors through on top of the purple block as long as they are done one at a time and the connectors need to be horizontal to fit. You can reach up from inside to grab it once it comes through. Once one is through, gently pull the other one through making sure it is horizontal.



**Step 11:** Pull wires all the way through. Reach up and unlock the factory light by turning it clockwise.





## Description (cont.)

**Step 12:** If you purchase our door handle/footwell combo kit there will be connectors on the footwell kit to plug the wires into. If not, place one wire in each supplied connector and fold closed. Gently close with pliers until it latches. Repeat with other wire.



**Step 13:** There is a slot in the back of the connectors. Before you plug them in be sure the wires go above the hood release cables and wiring harness. Connect the red wire to Tan and Black to Black. Make sure lights are now working and be sure lights haven't timed out. Now move to the passenger side.



**Step 14:** The only difference between the driver's side and passenger side is you have to remove the panel above the foot well on the passenger side to gain access to the pass through area for the led wires. Using a panel removal tool, remove the 2 retainers in the panel. 2nd one not shown. You have to pull down to disengage the heater duct and rearward to disengage the pin at the rear of the panel.



**Step 15:** Remove the factory light housing and complete the wiring for the leds just as you did on the drivers side. After the leds are working, reinstall the factory light and reinstall the above panel. Make sure you pay attention to the plastic pin at the rear. There is a hole in the firewall just above the carpet line. Also make sure you properly insert the heater ducting when pushing it up into place. Then you can push in the retainer pins to hold it in place.



**Step 16:** After all wiring has been completed you need to reinstall the covers on both sides that you released from top of the harness from inside the car. Note: the tab (red arrow) needs to go on top of the wires (green arrow) before pushing it back in to latch it. Be sure not to pinch the wires on top of the tab. The led wires will self seal where the rubber boot seals to the car.

Again, make sure to test all lights before reinstalling all panels which just snap back into place. Be sure the lights haven't timed out by cycling the ignition or opening and closing a door.

The door handle leds will activate anytime the interior lights come on and when unlocking the car with the fob but not when the doors automatically unlock without pushing the key fob button. They also retain the theater effect of the interior lights.

