

## **Illuminated Cup Holders - Doors**

2011-2014 Hyundai Sonata (all trims)

Thanks for purchasing this Cup Holder Illumination Install Kit! If you have any questions or feedback please email us direct at [info@AccentGlowLED.com](mailto:info@AccentGlowLED.com)

*Read these instructions completely before beginning installation*

*AccentGlowLED,LLC. does not assume responsibility and disclaims liability for damage, loss, or expense arising from improper use, operation, or installation of this product.*

Color instructions available at [AccentGlowLED.com/instructions](http://AccentGlowLED.com/instructions)

You may need the following tools:

- Plastic panel popper tool (Harbor Freight item #67021)
- Phillips Screwdriver
- Small Flathead Screwdriver
- 3/16" Drill Bit (or larger)
- Electrical Tape
- Razor Blade
- Wire Strippers (product similar to the Irwin 2078300 is used)
- Soldering Iron or another wire attachment technique

### **Disassembly:**

#### **Front Driver Door-**

-Ensure headlights/running lights and vehicle are off. Remove quadrant cover by the side mirror by inserting plastic pry tool and popping outwards (A) to reveal (B). Remove the plastic panel from behind the door handle by carefully inserting pry tool in front and popping outwards (C) to reveal a screw (D).



A



B

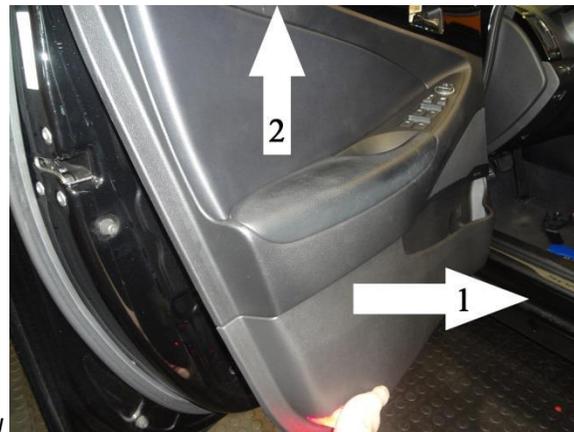
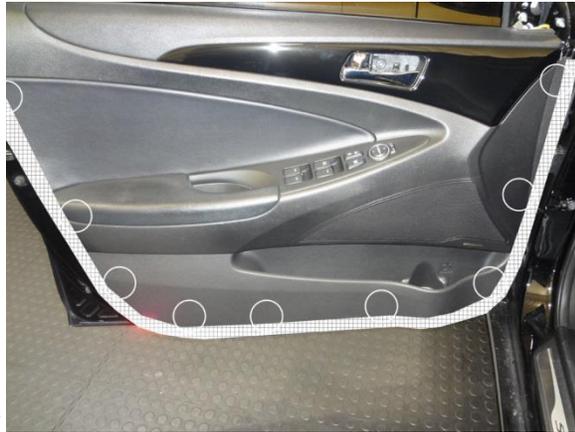


C

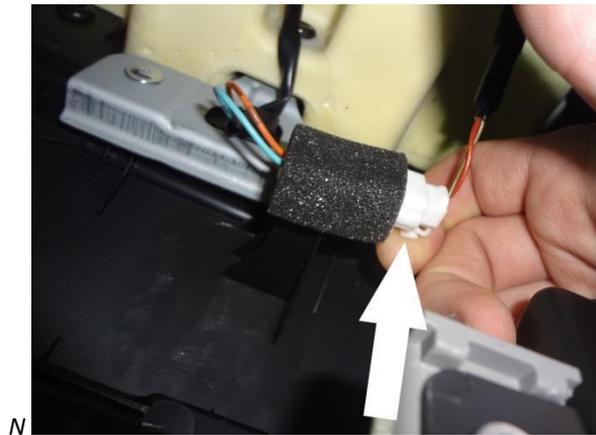
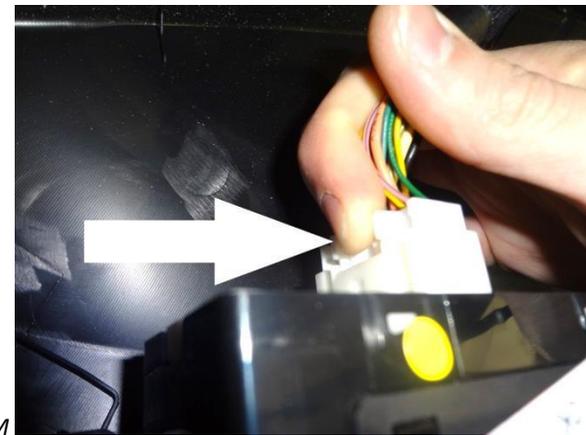
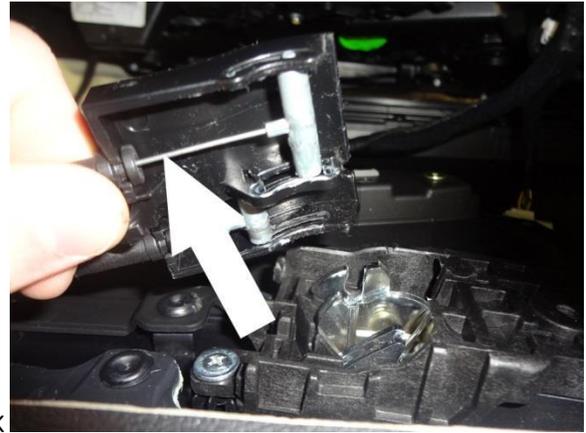


D

- Carefully use a flathead screwdriver to open the flap inside the door pull handle (E) to reveal a screw (F). Remove the screws in (D) and (F). The door bottom portion (highlighted in G) is held in with pops as indicated in (G). Use your hand or plastic pry tool starting at (H) and pop bottom portion outwards (I-1) (will take some force). Top portion will then lift up (I-2).



-Depending on the door and trim level, there will be multiple plugs to unplug (J). To unplug the door locks (J-1), lock door and carefully pull cables and black piece off of door (K) (to reassemble, make sure door is locked and slide non-cable side into door and then snap back onto door). Unplug other connectors by depressing clips as shown and then removing (L) (M) (N). Fully remove door and take to workbench, use cover to protect door. Skip to Installation (it is best to do one door at a time).



**Front Passenger Door-**  
-Disassembly is the same.

## Rear Doors-

-Disassembly is similar with an added step. Use a small flathead screwdriver or pick tool to remove screw cover with small hole (O) on outer upper edge of door and then remove screw.

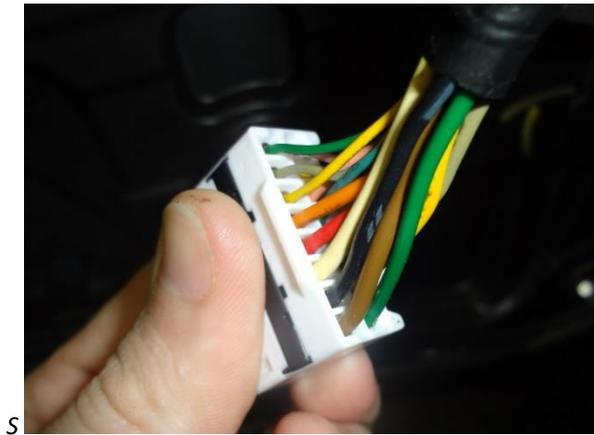


## Installation:

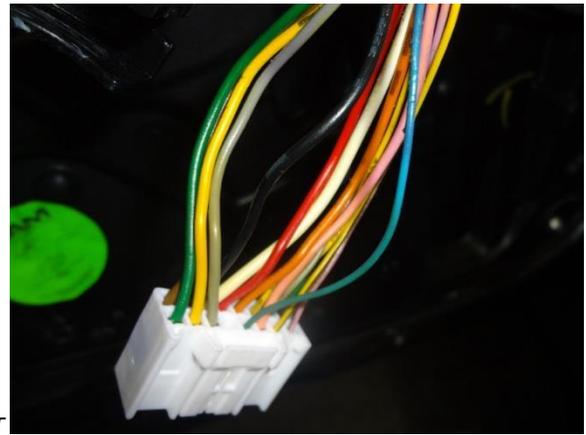
-First thoroughly clean inside each cup holder with an alcohol pad or similar de-greaser. Hold door upright steady or lean against wall and drill a 3/16" hole from the top (inside) of the cup holder slightly off center in each cup holder (P) (not any further towards the top). Thread the LED wire through the hole (Q) and remove the tape covering. Before fully pressing down, gently place disc in cup holder area. Recommended placement of the disc is to push upwards towards inside of door (R). After desired placement, press disc down firmly to adhere.



-Place towel or blanket below car door to protect panel and then place door panel face down directly below the car door. The wires we need are in the main window switch harness on the car door (S -driver door pictured). Use a razor blade to carefully cut black cloth covering the harness and peel it back (T). The wires we need on each door are BLACK (-) and BLUE (+). Each harness is shown below in two different views.

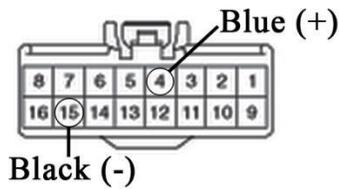
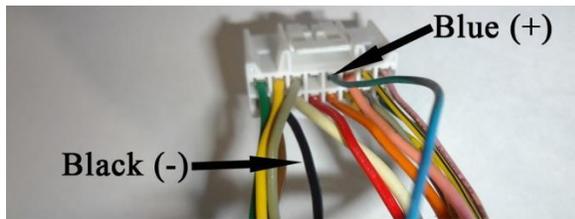


S

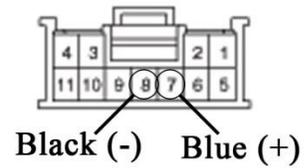
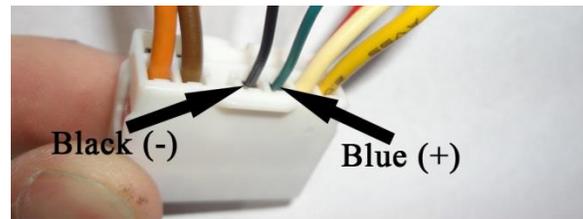


T

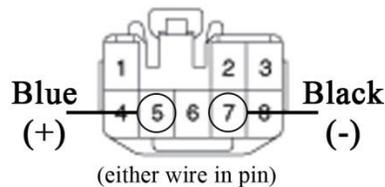
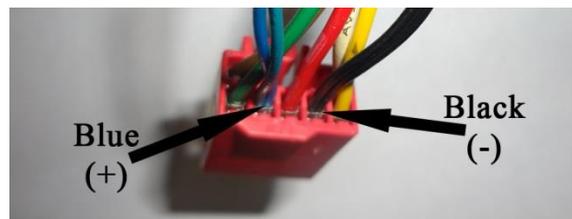
Driver Door



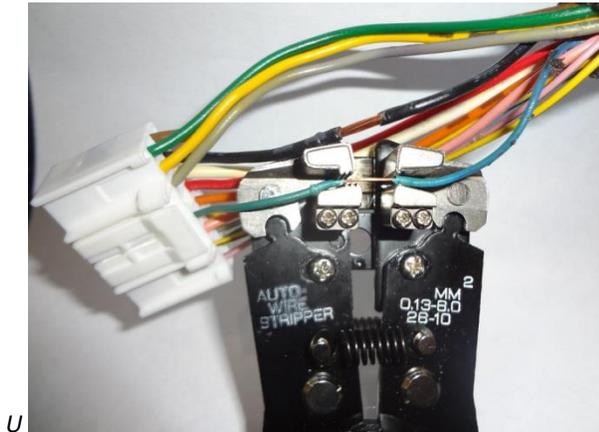
Passenger Door



Rear Doors



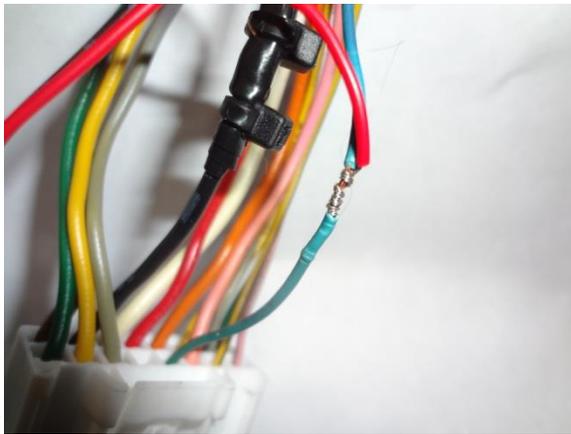
-You may use other wire attachment methods such as soldering or "T-Taps". Use your wire strippers to side-strip both the BLACK (-) and BLUE (+) wires (U –driver door shown) (although shown simultaneously, it is safest to strip and then connect and secure each wire separately; make all BLACK wire connections and tape up and then make all BLUE wire connections). Poke a hole in the middle of each wire (V), then twist the LED wires to more easily thread through the hole. Take the **BLACK** LED wire and thread through the middle of the **BLACK** (-) car wire and wrap around (W). Take a small piece of electrical tape and wrap up connection securely and then secure with zip ties (X). Next do the same with the RED LED wire, the **RED** LED wire will be connected to the **BLUE** (+) car wire. Secure the rest of the wire to the door with zip ties (Y). Turn on headlights and test! Once complete lift up door and balance and secure remaining wire in loose bundle with final zip tie (Z) (will need to be cut if removing door again). Reconnect all plugs and locks and reassemble door by reversal of removal, start by hanging upper part of door panel onto top of door and sliding upper piece into channel. Once lined up, door panel clips will pop back into door with slight pressure. Resecure all screws and covers.



U



V



W



X



Y



Z

Please contact us directly if you have any installation questions or comments about the product. Thank you!