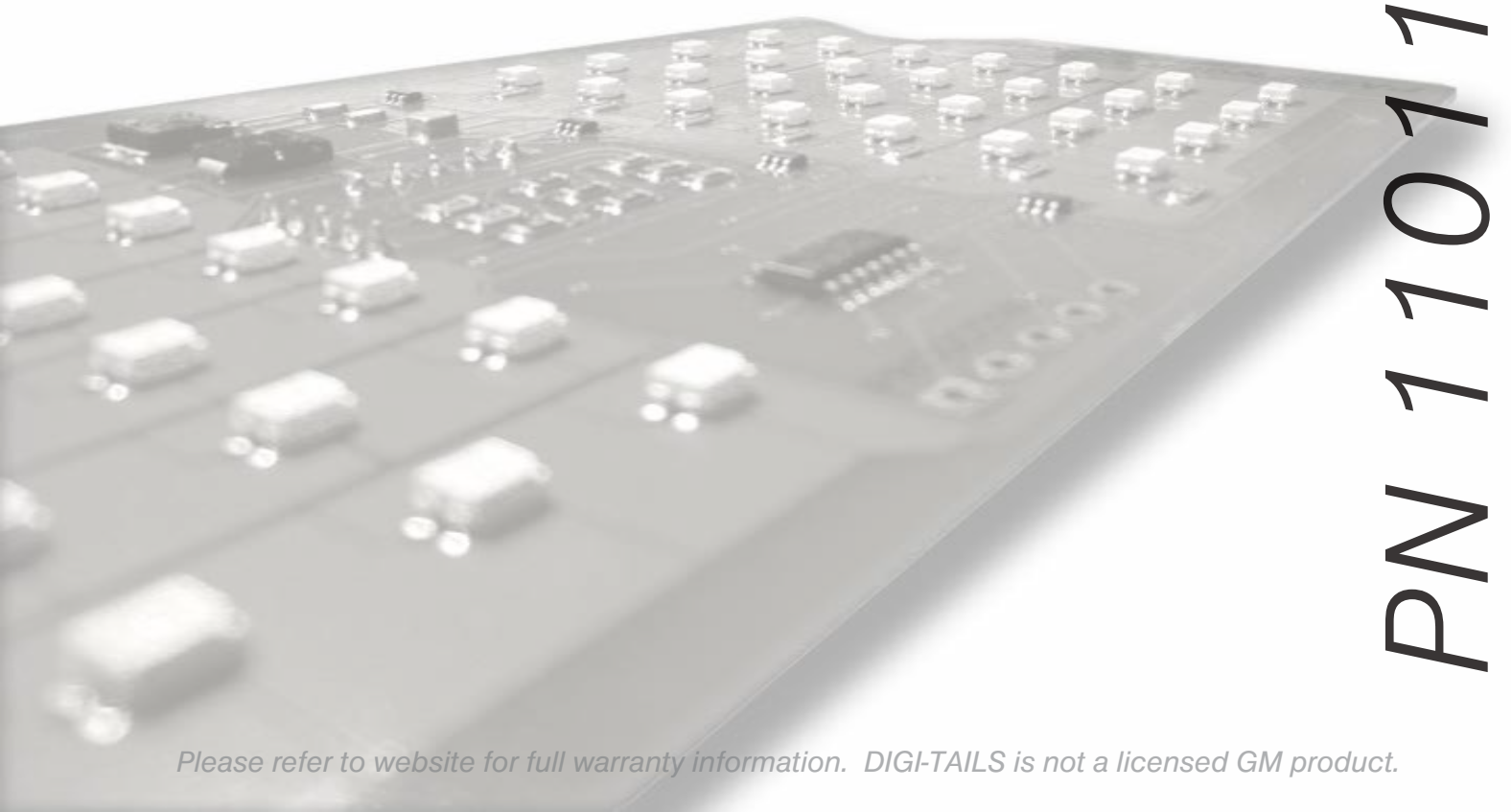
DIGI-TAILS
DIGITAL TAILLIGHTS

1968-69 BUICK SKYLARK / GS

2 Panel Sequential LED Taillight Kit Installation Guide

Kit Contents:

- 2 LED panels
- 2 black grommets
- 2 grey grommets
- 1 12v power wire
- 1 pigtail harness kit
- 1 crimp terminal kit



PN 11011168

Please refer to website for full warranty information. DIGI-TAILS is not a licensed GM product.

All LED panels are shipped with the slide switch set to SEQUENTIAL mode. The slide switches must be set to the same setting (either standard or sequential). Please follow all local laws concerning exterior lighting.

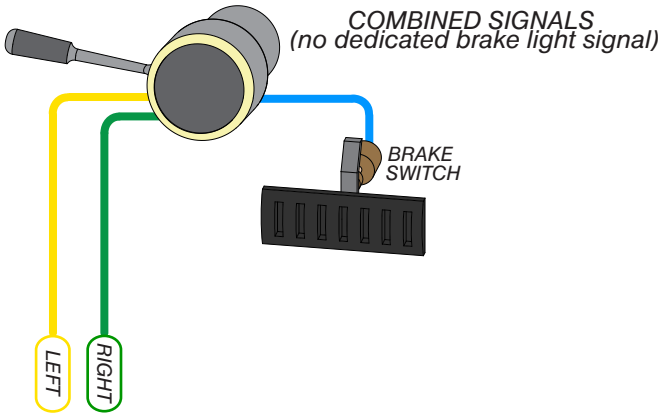


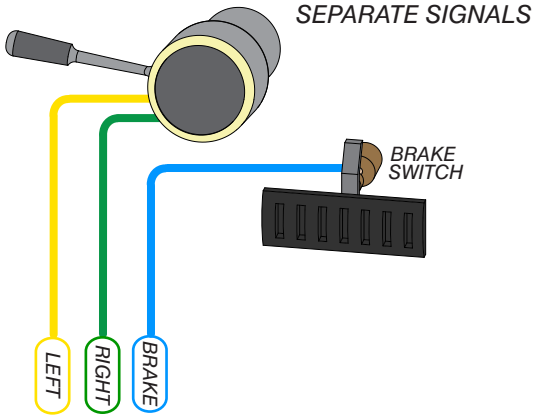
You may begin with the LED panel installation, however, you will need to complete the wiring modifications before the LED panels and housings are paired as one. Read over the entire instruction guide to determine the method that works best for you.

If you have any questions give us a call or e-mail us. We can e-mail out more in depth troubleshooting notes, bench test procedures, and diagrams. You can also message us on Face book, @DIGI-TAILS, with your questions.

E-MAIL: *INFO@DIGI-TAILS.com* *TECH:* *TECH@DIGI-TAILS.com* *PHONE:* *1-856-719-9989*

All cars are either equipped with Combined Signals or Separate Signals. Verify that the LED taillight kit matches your car. If almost all instances our respective kits match your car. In the rare case it does not please contact us.





A Common question we get is; Why do all COMBINED signal LED taillight kits need both driver and passenger signals? Answer; All panels need both driver and passenger signals so that the circuitry on each panel knows if you are using the brakes or turn signals. This then allows the panels to run a sweeping motion for the turn signal and a separate sequence for the brakes.

Be sure to power up all LED panels and test all functions before any final installation.

If turn signals light up solid with no flash then check the flasher unit polarity as it may be reversed.

If LED panels don't operate properly once the park/run lights or headlights are on then the park/run wire may be crossed with other signal wires.

1. *Separate the taillight housings.*

Remove the taillight housing assembly from the car. Separate the lens from the housing. Be gentle when separating the two apart as the plastic lens is fairly fragile. Take your time separating the two apart and don't use excessive force to break the lens free.

***NOTE:* LOOKING AT THE BACKSIDE OF THE PANELS EACH ONE IS MARKED DRIVER OR PASSENGER**



2. *Test fit the taillight panels.*

Pre-fit the LED panels to make sure they fit and mounting brackets sit flush on the housing. The correct orientation for the LED panel is to have the arrows on the LED panel pointing towards the outside, opposite of the reverse light socket.



3. *Plug in extension wires, grommets.*

Feed the extension wires through the socket hole. Wrap the *BLACK* rubber grommet around the wires and press it into the socket hole. Once the LED panels are in place for good, you will still be able to easily plug and unplug the harness and remove the buckets.





Use the *GREY* grommet to seal the other light bulb socket not in use.



1. **Review the wiring diagrams found on the last page.**

   Each LED panel needs five connections. Listed are the LED harness colors and their respective function. Note: Depending on make and harness, colors may not match.

   - ***ORANGE*** *- Constant 12 volt power source*
   - ***BLACK*** *- Grounded to body*
   - ***YELLOW*** *- Driver side turn signal*
   - ***GREEN*** *- Passenger side turn signal*
   - ***BROWN*** *- Running/parking light signal*

2. **Find and access the front light socket and wires.**

   Splice the LED SIGNAL wires into the stock SIGNAL wires. Match the LED harness to the corresponding stock harness as shown below.

LED Harness	Function	Stock harness	Notes
Green	Passenger side turn signal	Green	The light socket ends on the car harness can be removed.
Yellow	Driver side turn signal	Yellow	The light socket ends on the car harness can be removed.
Brown	Running/Park signal	Brown	The light socket ends on the car harness can be removed.
Orange	Constant 12 volt	Find power at fuse panel/trunk light/dome light/fused battery feed.	
Black	Ground	Ground to Body/chassis	

3. **Connect all the ground wires.**

   Connect all the ground wires together. Bolt them to the trunk latch support along with the original rear body harness ground. The ground connection must be good in order to the operate the LED panels.

4. **Tuck and secure the spliced wires.**

   Take the spliced sections and fold them over to one side and tape them in place. This will allow you to place the wiring into loom or wrap the LED panel wiring tightly away.



1. Fold wires to one side.



2. Secure with electrical tape.

5. **Splice the Orange power wire in with all LED panel Orange wires.**

   An Orange wire is supplied with a T-Tap. The orange wire must be supplied to a constant hot 12 volt supply for the LED circuitry to operate. The T-Tap connector is used to splice to the constant hot power source, like the dome light.

   Splce the T-Tap connector into the the constant power wire, then plug the orange wire into the T-Tap. The other end of the orange wire is spliced into the LED panel orange wires.



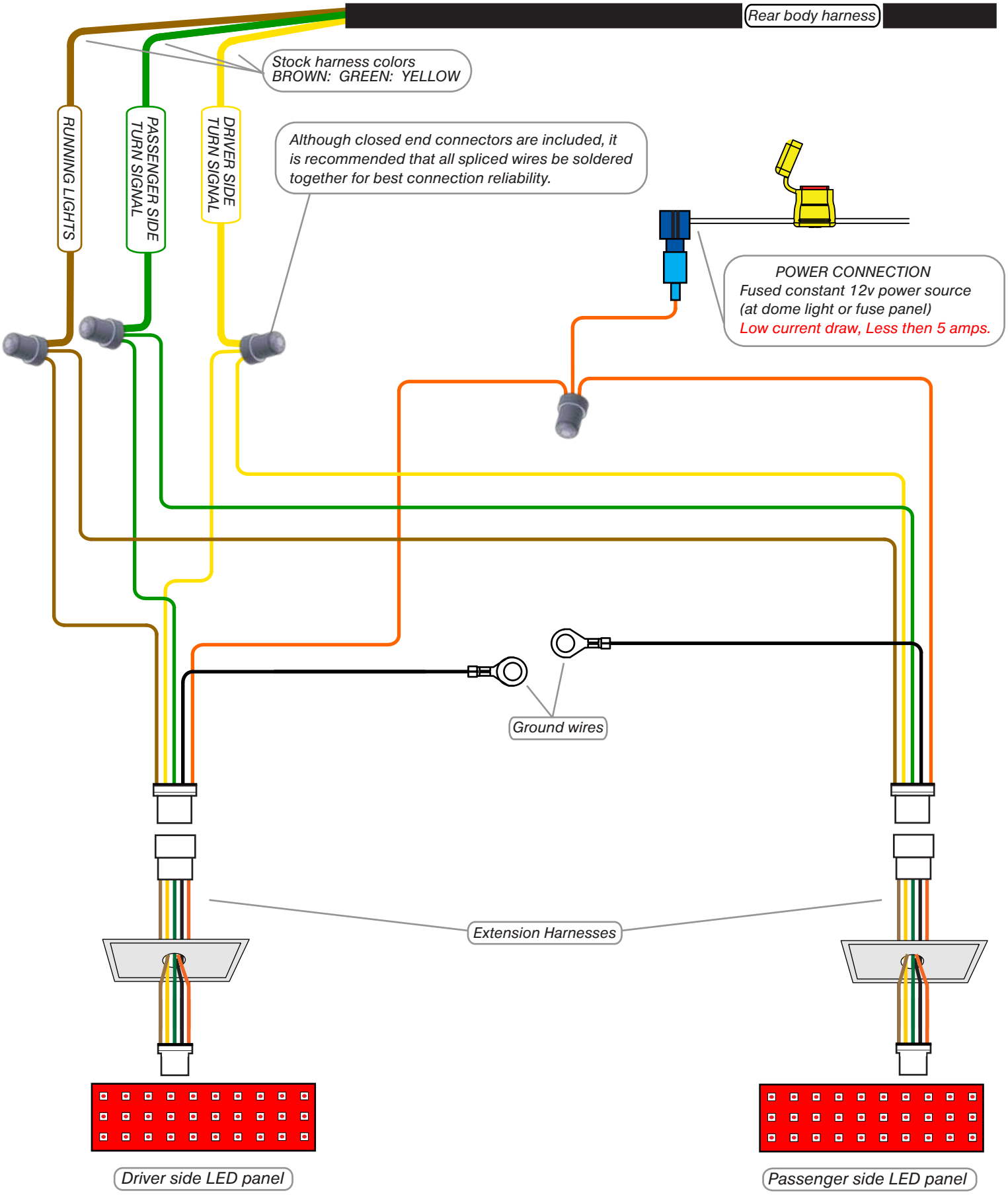
1. Insert wire into T-Tap



2. Crimp with pliers



3. Plug connector into T-Tap


Rear body harness
Stock harness colors
BROWN: GREEN: YELLOW
RUNNING LIGHTS
PASSENGER SIDE TURN SIGNAL
DRIVER SIDE TURN SIGNAL
Although closed end connectors are included, it is recommended that all spliced wires be soldered together for best connection reliability.
POWER CONNECTION
Fused constant 12v power source
(at dome light or fuse panel)
Low current draw, Less then 5 amps.
Ground wires
Extension Harnesses
Driver side LED panel
Passenger side LED panel